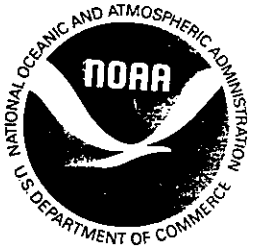
NOAA Technical Memorandum NOS OMA 47

A SUMMARY OF DATA ON INDIVIDUAL ORGANIC CONTAMINANTS IN SEDIMENTSCOLLECTED DURING 1984, 1985, 1986, AND 1987

Rockville, Maryland
April 1989



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A Summary of Data on Individual Organic Contaminants in Sediments Collected During 1984, 1985, 1986, and 1987

Ocean Assessments Division
Office of Oceanography and Marine Assessment
National Ocean Service
National Oceanic and Atmospheric Administration
U.S. Department of Commerce
Rockville, Maryland

ABSTRACT

Since 1984, the National Oceanic and Atmospheric Administration's (NOAA) National Status and Trends (NS&T) Program has analyzed samples of surface sediment collected at about 200 coastal and estuarine sites throughout the United States. The chemical contaminants measured are chlorinated pesticides, polychlorinated biphenyls (PCBs), polyaromatic hydrocarbons (PAHs), and 12 trace elements. This report, containing the data for the individual organic chemicals, is a supplement to the previously issued report that contained all the metal and aggregated organic data.

INTRODUCTION

This report is a supplement to NOAA Technical Memorandum NOS OMA 44 "A Summary of Selected Data on Chemical Contaminants in Sediments Collected During 1984, 1985, 1986, and 1987" (NOAA, 1988) . In that report the data for the organic chemicals listed in Table 1 were aggregated into the categories of total DDT (tDDT), total chlorinated pesticides other than DDT (tChlP), total polychlorinated biphenyls (tPCB), and total polyaromatic hydrocarbons (tPAH). Here, the data are summarized for individual chemicals and, in the case of PCBs for each level of chlorination. The summary is done in the same fashion as was done for the aggregated data. Samples containing more than 80% sand (>63μ) have been excluded, contaminant concentrations in the remaining samples have been normalized for grain size, and those concentrations have been averaged by site. The plots of ranked means are in Appendix A. Appendix B is a listing of means and coefficients of variation for fine-grained sediments. Appendix C contains the same information for coarse-grained sediments. Although the data are also in NOAA(1988), Appendix D lists the number of fine-grained and sandy samples for each site.

As in NOAA(1988) there are data from the two projects within the National Status and Trends Program. One of these, the Benthic Surveillance Project, samples fish and sediments while the other, the Mussel Watch Project, samples bivalve mollusks and sediment. This report and NOAA (1988) are based on data from analyses of sediments collected in 1984 and 1985 by the Benthic Surveillance Project, and in 1986 and 1987 by the Mussel Watch Project. The site maps that appeared in NOAA (1988) are not included here, because it is not expected that this report will be used without access to NOAA (1988). For the same reason there is no discussion here of criteria for site selection, field or analytical methods, or the rationale for normalizing sediment data.

MINOR AND MAJOR COMPOUNDS

From the distributions of individual compound concentrations (Figures 1a to 1d), it is quite clear there that almost all of the total DDT consists of p,p'-DDD,and p,p'-DDE, that alpha-chlordane, trans-nonachlor, dieldrin and hexachlorobenzene make up

most of what has been called the total chlorinated pesticides other than DDT, that the tetra- through hepta-chlorobiphenyls are the bulk of the total PCB, and that the 4 and 5-ring compounds are most of the total PAHs. Compounds are considered to be major when their average contributions to the totals for their respective aggregates exceed what would be the contribution if all compounds were equally distributed (Table 2). Conversely, compounds contributing less than their share to an equal distribution to the aggregate are considered to be minor compounds. The minor compounds are not only relatively low in concentration, but are also quite often not detected (Table 3).The minor compounds are minor because they were produced in smaller amounts than the corresponding majors, because they are degraded more readily than the major compounds, because they are more soluble and adsorbed by particles to lesser extents than the major compounds, or combinations of all these reasons.

SPATIAL DISTRIBUTION

The spatial distributions of the aggregated organic compounds along with those for elemental contaminants were presented in NOAA (1988) and Appendix A, here, repeats the rankings for the aggregate concentrations among sites. In NOAA (1988) special notice was given to those sites where the mean concentrations of contaminants were among the highest 20 out of 176 values. Since the aggregate organic classes consist mostly of the major compounds, it is almost a tautology to observe that most of the major compounds have spatial distributions like those described for the aggregates.

Table 4 lists the numbers of times a site is among the highly ranked sites for an individual compound but is not among the highly ranked for the corresponding aggregate. Two major compounds, hexachlorobenzene, and perylene, could be said to display distributions different from those of the aggregates because 8 or 9 of the sites that are highly ranked for those compounds are not so ranked for the aggregates. For all 16 other major compounds, the numbers of such sites range from 0 to 4.

There are no spatial or other patterns to the sets of sites at which either hexachlorobenzene or perylene concentrations are high while the corresponding aggregate concentrations are not. In both cases, those sites include locations on all coasts. For hexachlorobenzene that is not unexpected because while it is a fungicide, its major additions to the environment come from its industrial uses as a solvent and chemical reagent. There is no reason to expect it to follow the same spatial distribution as the other major compounds, chlordane and dieldrin (or aldrin which is metabolized to dieldrin), that were used as pesticides. There is no obvious reason, however, to explain why the perylene distribution differs from that of the other 4 and 5-ring PAHs.

REFERENCES

NOAA, 1988. A Summary of Selected Data on Chemical Contaminants in Sediments Collected During 1984, 1985, 1986, and 1987. NOAA Technical Memorandum NOS OMA 44. NOAA Office of Oceanography and Marine Assessment. Rockville, MD 15pp. & appendices

Table 1. Chemicals and related parameters measured in the National Status and Trends Program.

DDT and its metabolites

o,p'-DDD
p,p'-DDD
o,p'-DDE
p,p'-DDE
o,p'-DDT
p,p'-DDT

chlorinated pesticides other than DDT

Aldrin
Alpha-Chlordane
Trans-Nonachlor
Dieldrin
Heptachlor
Heptachlor epoxide
Hexachlorobenzene
Lindane (gamma-BHC)
Mirex

polyaromatic hydrocarbons

2-ring compounds
Biphenyl
Naphthalene
1-Methylnaphthalene
2-Methylnaphthalene
2,6-Dimethylnaphthalene
Acenaphthalene

3-ring compounds
Fluorene
Phenanthrene
1-Methylphenanthrene
Anthracene

4-ring compounds
Fluoranthene
Pyrene
Benz(a)anthracene

5-ring compounds
Chrysene
Benzo(a)pyrene
Benzo(e)pyrene
Perylene
Dibenz(a,h)anthracene

polychlorinated biphenyls

Dichlorobiphenyls
Trichlorobiphenyls
Tetrachlorobiphenyls
Pentachlorobiphenyls
Hexachlorobiphenyls
Heptachlorobiphenyls
Octachlorobiphenyls
Nonachlorobiphenyls

major elements

Al	Aluminum
Fe	Iron
Mn	Manganese
Si	Silicon

trace elements

Sb	Antimony
As	Arsenic
Cd	Cadmium
Cr	Chromium
Cu	Copper
Pb	Lead
Hg	Mercury
Ni	Nickel
Se	Selenium
Ag	Silver
Sn	Tin
Zn	Zinc

other parameters

Total organic carbon
Grain size
Coprostanol
Clostridium perfringens spores

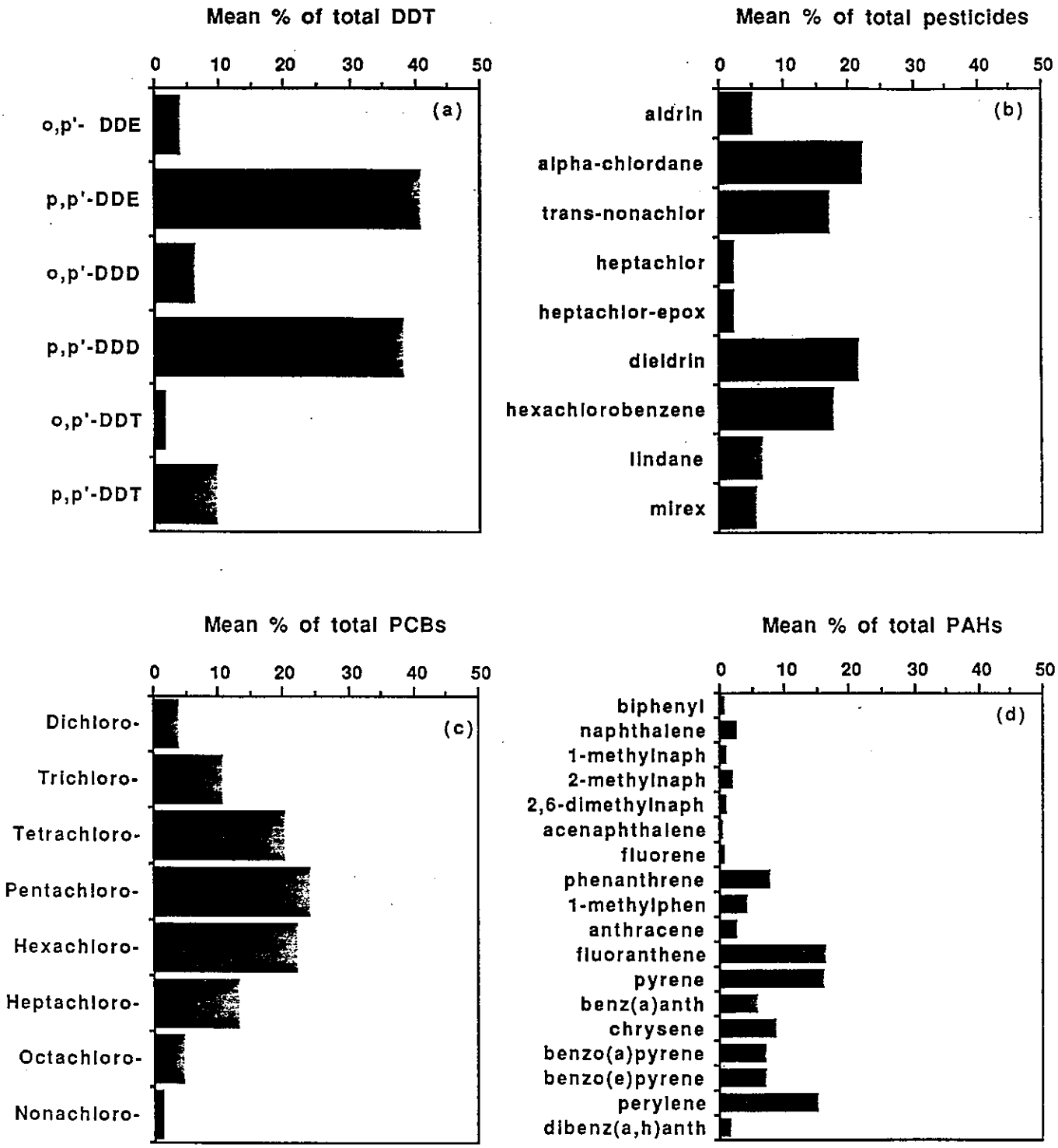


Figure 1. Mean percentages of the aggregate contributed by each individual compound in the aggregate class; (a) total DDT {n=780 fine-grained sediment samples with detectable DDT}, (b) total pesticides other than DDT {n=733}, (c) total polychlorinated biphenyls {n=850}, and (d) total polyaromatic hydrocarbons {n=854}.

Table 2. Division of compounds into **major** and *minor* categories. A compound is considered a major component if its mean percentage contribution to the total aggregate is greater then the percentages in parentheses by each aggregate name. Those percentages correspond to the reciprocal of the number of compounds comprising the aggregate.

DDT and its metabolites (>17%)
o,p-DDD
p,p-DDD
o,p-DDE
p,p-DDE
o,p-DDT
p,p-DDT

other chlorinated pesticides (>11%)
aldrin
alpha-chlordane
trans-nonachlor
heptachlor
heptachlor epoxide
dieldrin
hexachlorobenzene
lindane
mirex

polychlorinated biphenyls (>13%)
dichloro-PCB
trichloro-PCB
tetrachloro-PCB
pentachloro-PCB
hexachloro-PCB
heptachloro-PCB
octachloro-PCB
nonachloro-PCB

polyaromatic hydrocarbons (>6%)

2-ring compounds
biphenyl
naphthalene
1-methylnaphthalene
2-methylnaphthalene
2,6-dimethylnaphthalene
acenaphthalene

3-ring compounds
fluorene
phenanthrene
1-methylphenanthrene
anthracene

4-ring compounds
fluoranthene
pyrene
benz(a)anthracene

5-ring compounds
chrysene
benzo(a)pyrene
benzo(e)pyrene
perylene
dibenz(a,h)anthracene

Table 3. Percent of sites (out of 175) where the aggregate or individual (**major** or *minor*) compound was not detected in any sample

DDT and its metabolites	9 %
o,p-DDD	*43*
p,p-DDD	**15**
o,p-DDE	*61*
p,p-DDE	**11**
o,p-DDT	*51*
p,p-DDT	*26*
other chlorinated pesticides	12
aldrin	*58*
alpha-chlordane	**25**
trans-nonachlor	**27**
heptachlor	*60*
heptachlor epoxide	*69*
dieldrin	**30**
hexachlorobenzene	**28**
lindane	*48*
mirex	*53*
polychlorinated biphenyls	1
dichloro-PCB	*33*
trichloro-PCB	*9*
tetrachloro-PCB	**6**
pentachloro-PCB	**4**
hexachloro-PCB	**9**
heptachloro-PCB	**12**
octachloro-PCB	*15*
nonachloro-PCB	*33*

polyaromatic hydrocarbons	2 %
2-ring compounds	
biphenyl	*59*
naphthalene	*29*
1-methylnaphthalene	*41*
2-methylnaphthalene	*34*
2,6-dimethylnaphthalene	*51*
acenaphthalene	*68*
3-ring compounds	
fluorene	*46*
phenanthrene	**10**
1-methylphenanthrene	*37*
anthracene	*29*
4-ring compounds	
fluoranthene	**7**
pyrene	**9**
benz(a)anthracene	**15**
5-ring compounds	
chrysene	**11**
benzo(a)pyrene	**12**
benzo(e)pyrene	**10**
perylene	**15**
dibenz(a,h)anthracene	*32*

Table 4. Numbers of times a concentration for an individual (**major** or *minor*) compound at a site fell among the upper 20 concentrations for that compound but the concentration for the aggragate organic class at that site did not fall among the upper 25. (e.g. the concentration for o,p-DDD was 8.7 ng/g at site LIMR and that was the eight highest concentration for that compound, neverthless, the concentration for total (tDDT) at that site was not among the highest 25 in the nation)

DDT and its metabolites	
o,p-DDD	*6*
p,p-DDD	**1**
o,p-DDE	*6*
p,p-DDE	**3**
o,p-DDT	*9*
p,p-DDT	*6*
other chlorinated pesticides	
aldrin	*13*
alpha-chlordane	**1**
trans-nonachlor	**2**
dieldrin	**4**
heptachlor	*11*
heptachlor epoxide	*7*
hexachlorobenzene	**9**
lindane	*11*
mirex	*5*
polychlorinated biphenyls	
dichlorobiphenyls	*9*
trichlorobiphenyls	*3*
tetrachlorobiphenyls	**0**
pentachlorobiphenyls	**1**
hexachlorobiphenyls	**0**
heptachlorobiphenyls	**1**
octachlorobiphenyls	*1*
nonachlorobiphenyls	*7*

polyaromatic hydrocarbons	
2-ring compounds	
biphenyl	*7*
naphthalene	*6*
1-methylnaphthalene	*6*
2-methylnaphthalene	*5*
2,6-dimethylnaphthalene	*6*
acenaphthalene	*5*
3-ring compounds	
fluorene	*4*
phenanthrene	**0**
1-methylphenanthrene	*8*
anthracene	*3*
4-ring compounds	
fluoranthene	**0**
pyrene	**2**
benz(a)anthracene	**0**
5-ring compounds	
chrysene	**0**
benzo(a)pyrene	**3**
benzo(e)pyrene	**2**
perylene	**8**
dibenz(a,h)anthracene	*4*

APPENDIX A.

Plots of Ranked Contaminant Concentrations

APPENDIX A.

National Status and Trends Program

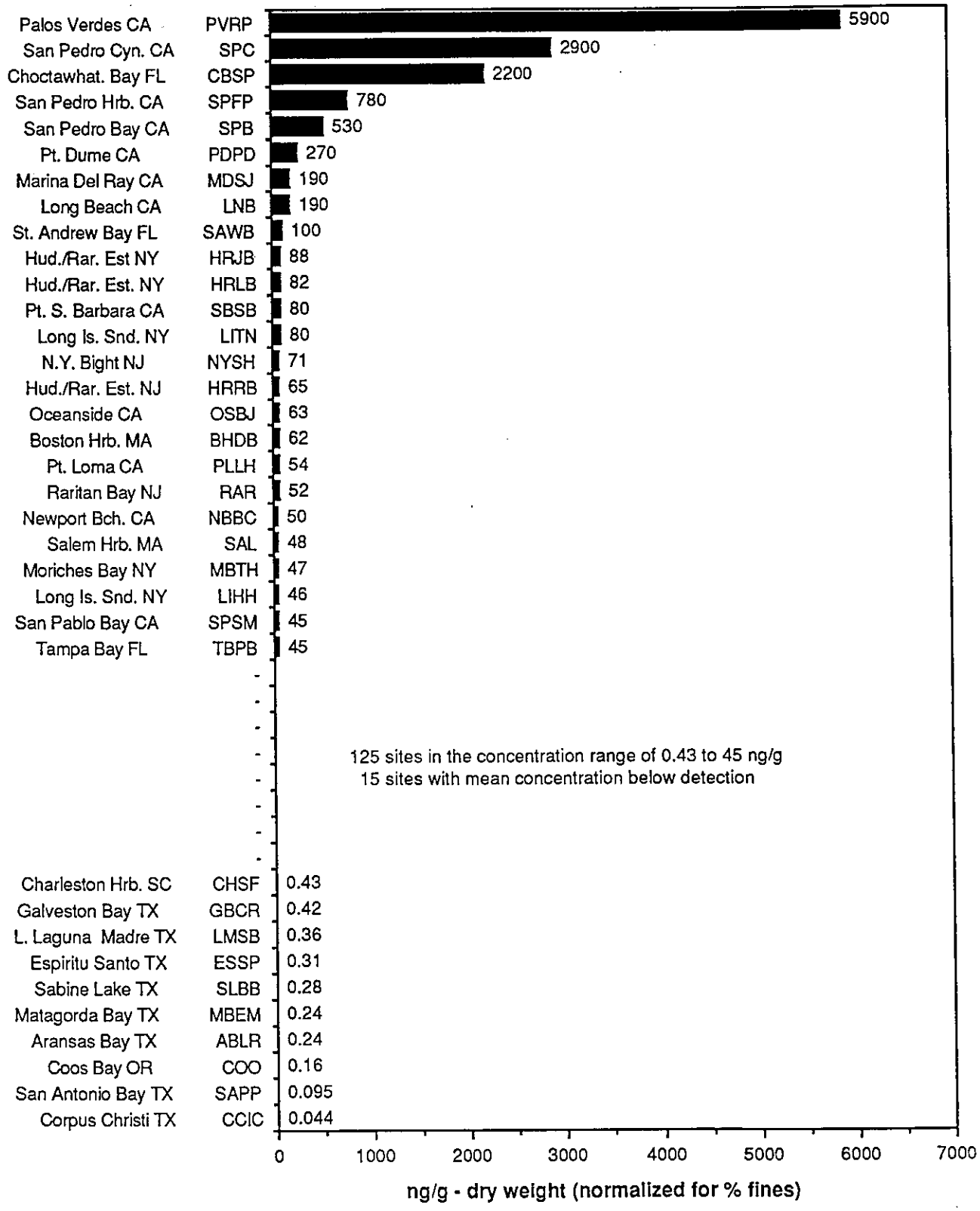
Plots of Ranked Contaminant Concentrations for Individual Organic Compounds in Sediments Collected in 1984,1985,1986, and 1987 [a]

Sequence of Plots by Contaminant

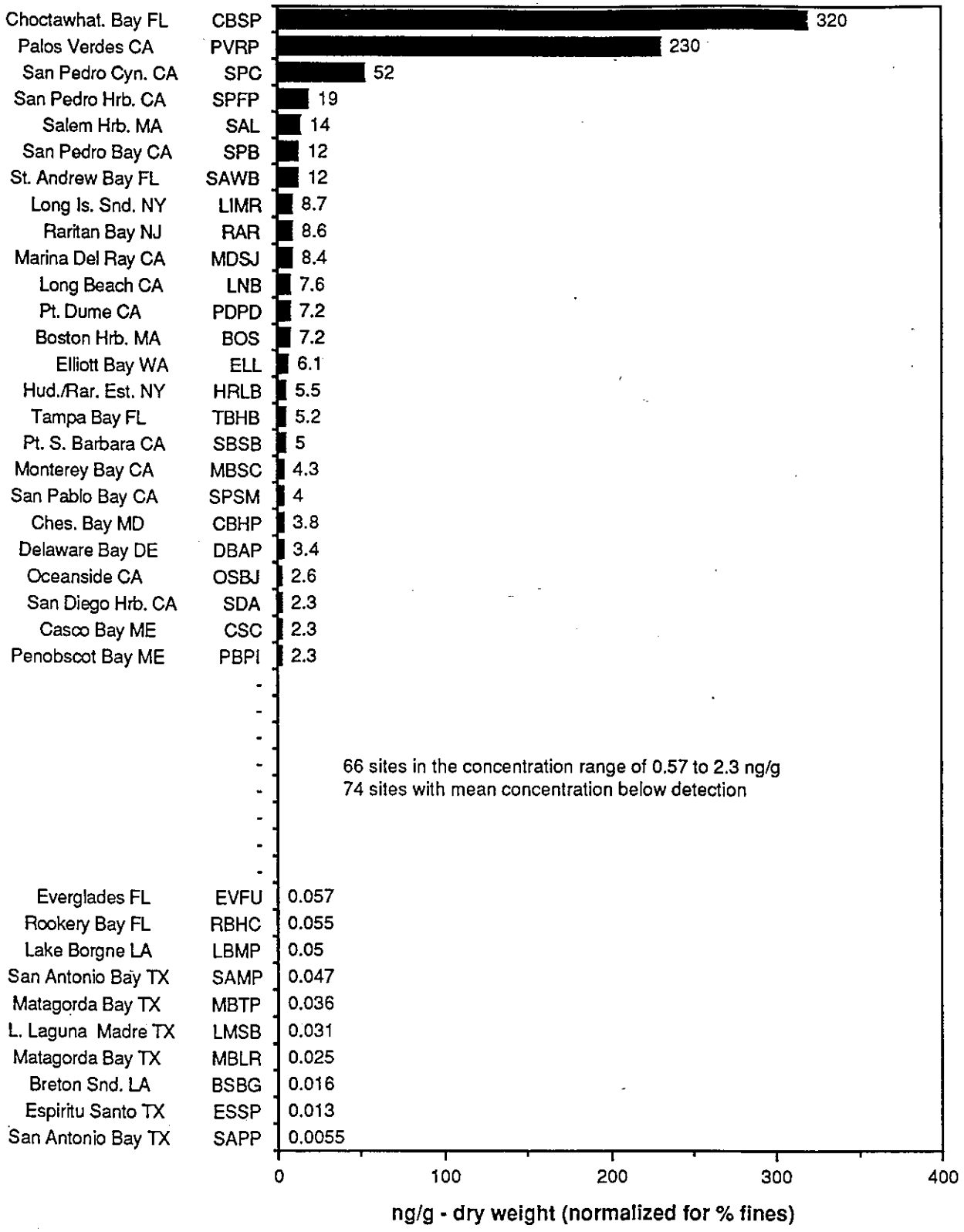
Total DDT	A-1	Total polyaromatic hydrocarbons	A-27
o,p'-DDD	A-2	Biphenyl	A-28
p,p'-DDD	A-3	Naphthalene	A-29
o.p'-DDE	A-4	1-methylnaphthalene	A-30
p,p'-DDE	A-5	2-methylnaphthalene	A-31
o,p'-DDT	A-6	2,6-dimethylnaphthalene	A-32
p,p'-DDT	A-7	Acenaphthalene	A-33
Total (non-DDT) Pesticides	A-8	Fluorene	A-34
Aldrin	A-9	Phenanthrene	A-36
Alpha-Chlordane	A-10	1-methylphenanthrene	A-37
Trans-Nonachlor	A-11	Anthracene	A-38
Heptachlor	A-12	Fluoranthene	A-39
Heptaclor epoxide	A-13	Pyrene	A-40
Dieldrin	A-14	Benz(a)anthracene	A-41
Hexachlorobenzene	A-15	Benzo(a)pyrene	A-42
Lindane	A-16	Benzo(e)pyrene	A-43
Mirex	A-17	Perylene	A-44
Total Polychlorinated biphenyls	A-18	Dibenz(a,h)anthracene	A-45
Dichlorobiphenyl	A-19		
Trichlorobiphenyl	A-20		
Tetrachlorobiphenyl	A-21		
Pentachlorobiphenyl	A-22		
Hexachlorobiphenyl	A-23		
Heptachlorobiphenyl	A-24		
Octachlorobiphenyl	A-25		
Nonachlorobiphenyl	A-26		

[a] Concentrations for all samples have been normalized by being divided by the fraction of fine-grained (<64μ) sediment in that sample. The rankings are of the means of the normalized values for each site. Sediment samples containing <20% fine-grained material have not been considered.

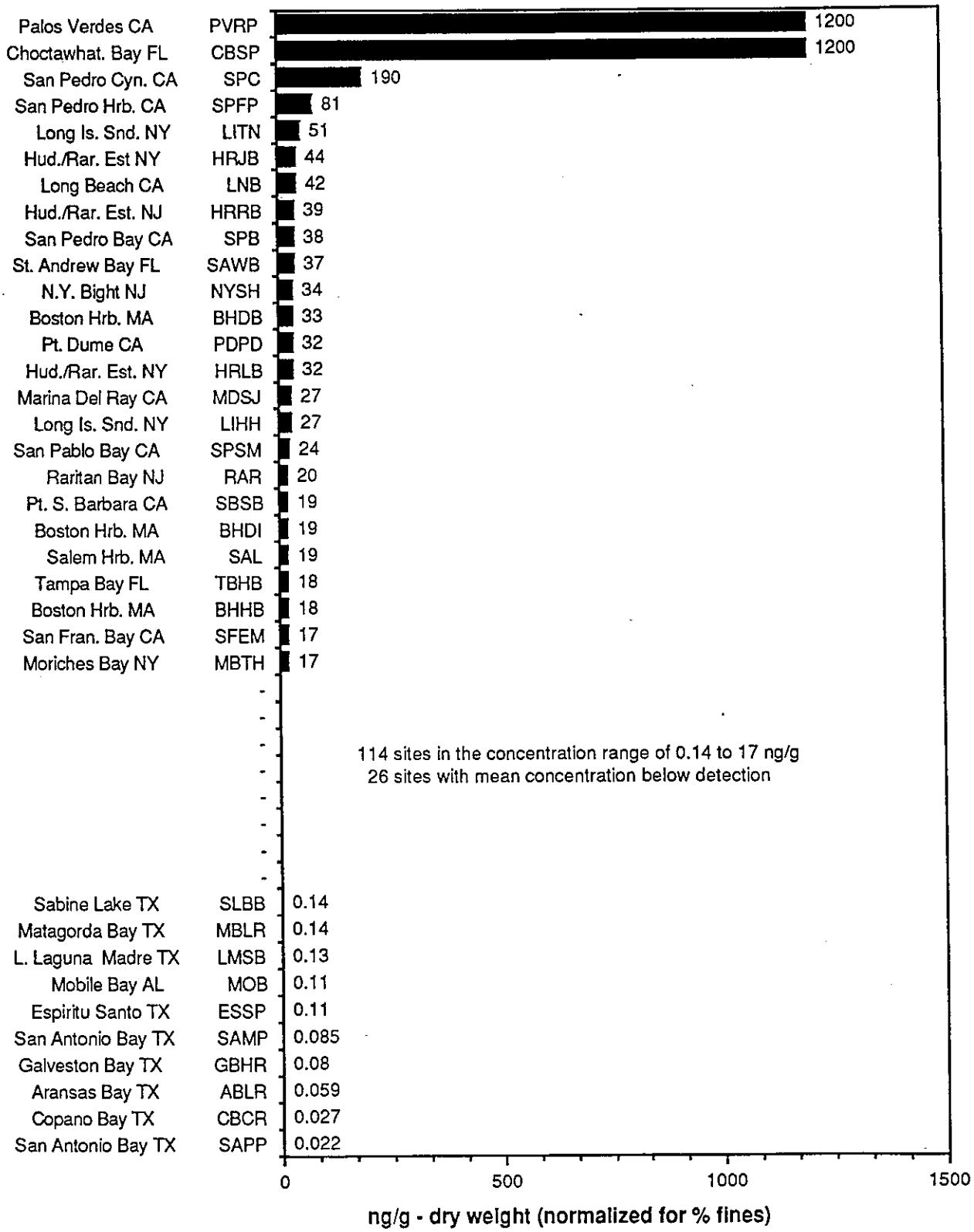
tDDT in Sediments



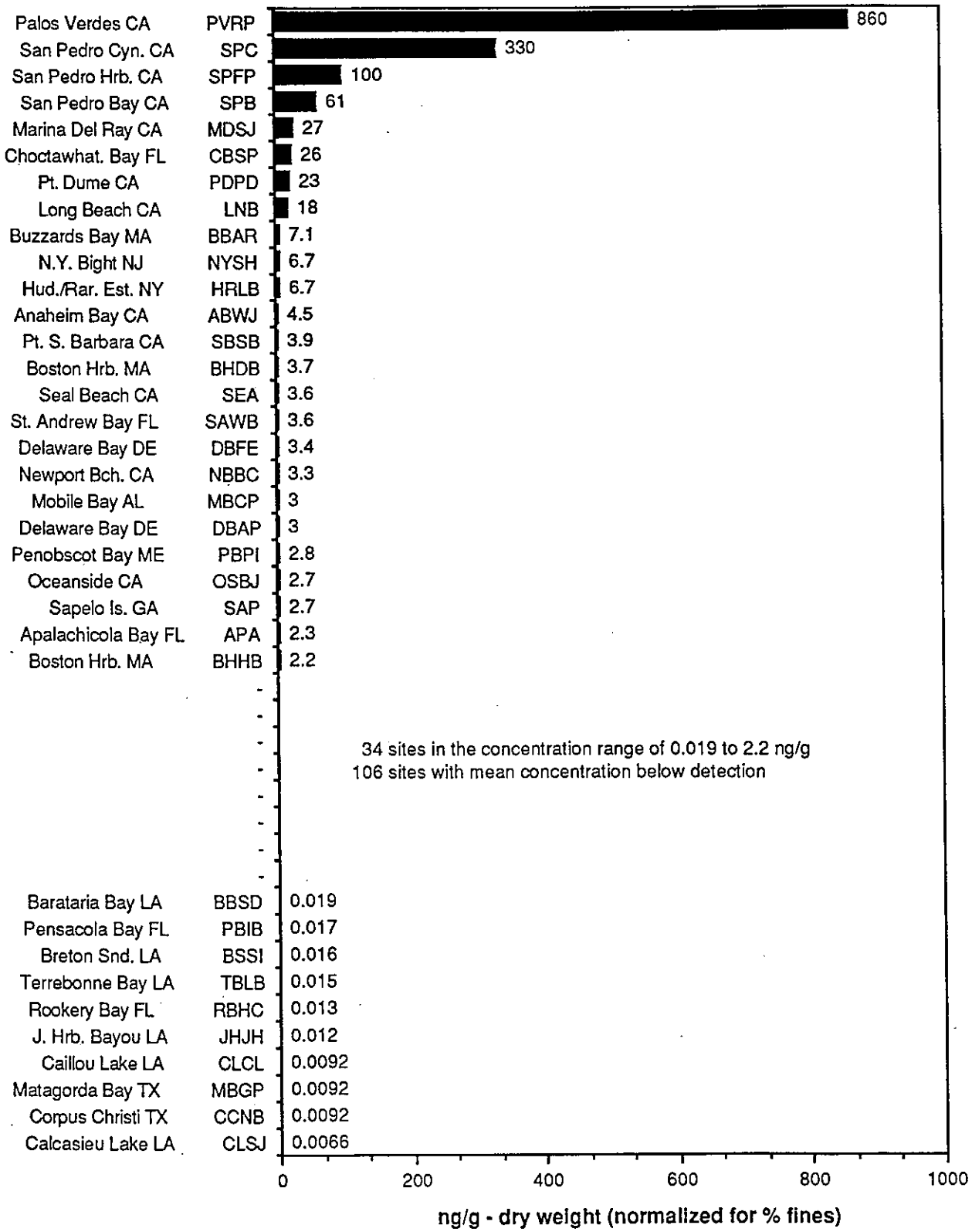
o,p'-DDD in Sediments



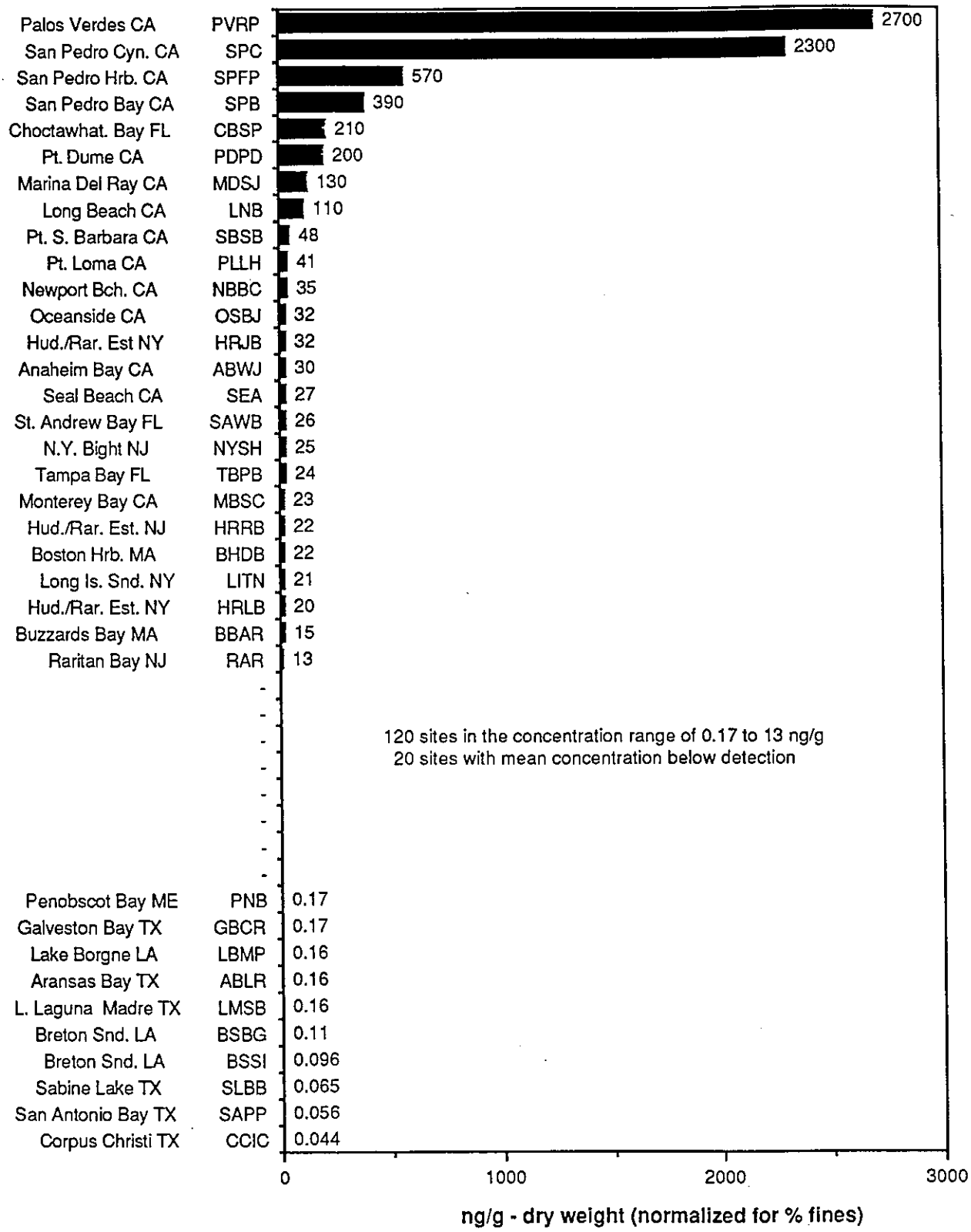
p,p'-DDD in Sediments



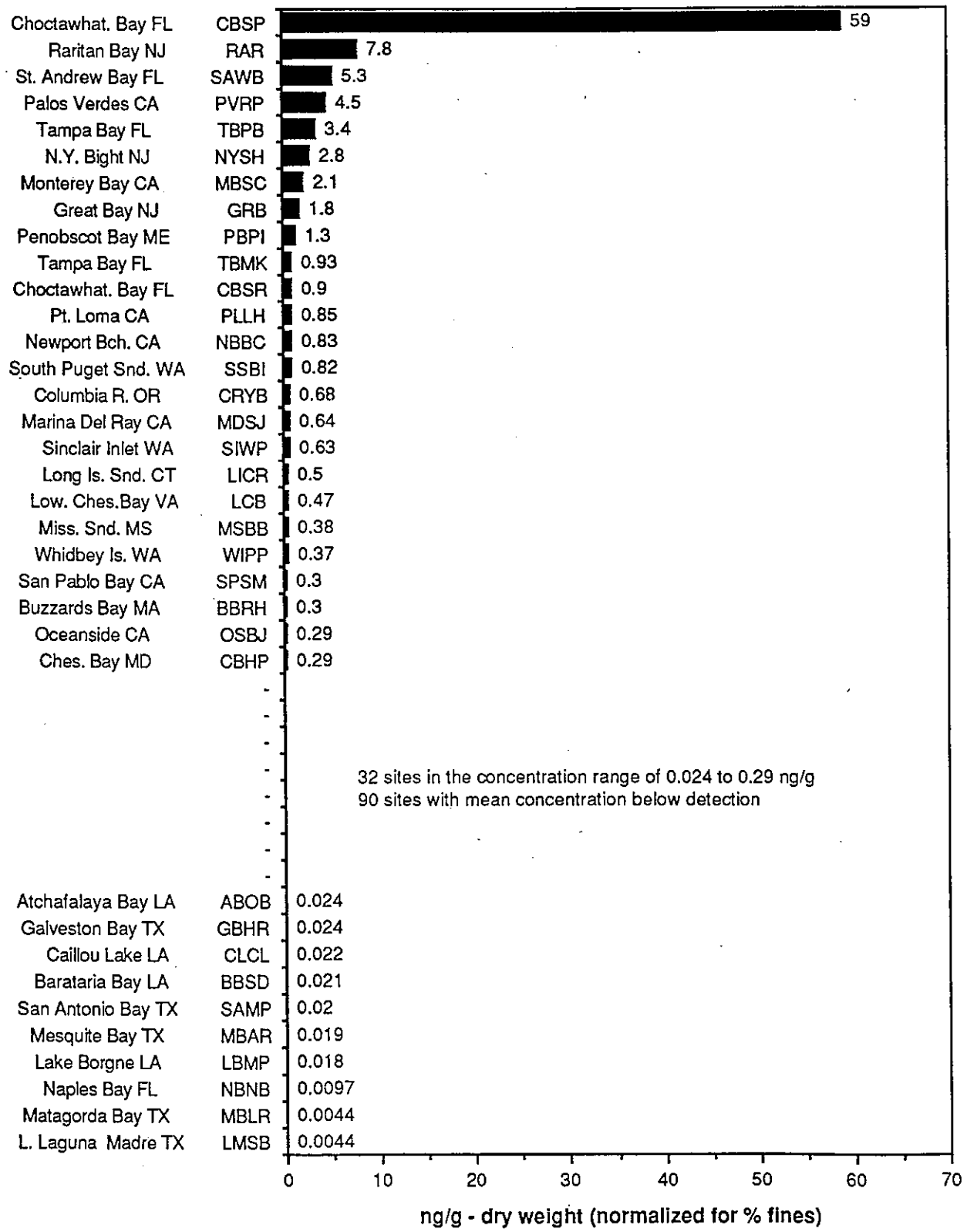
o,p'-DDE in Sediments



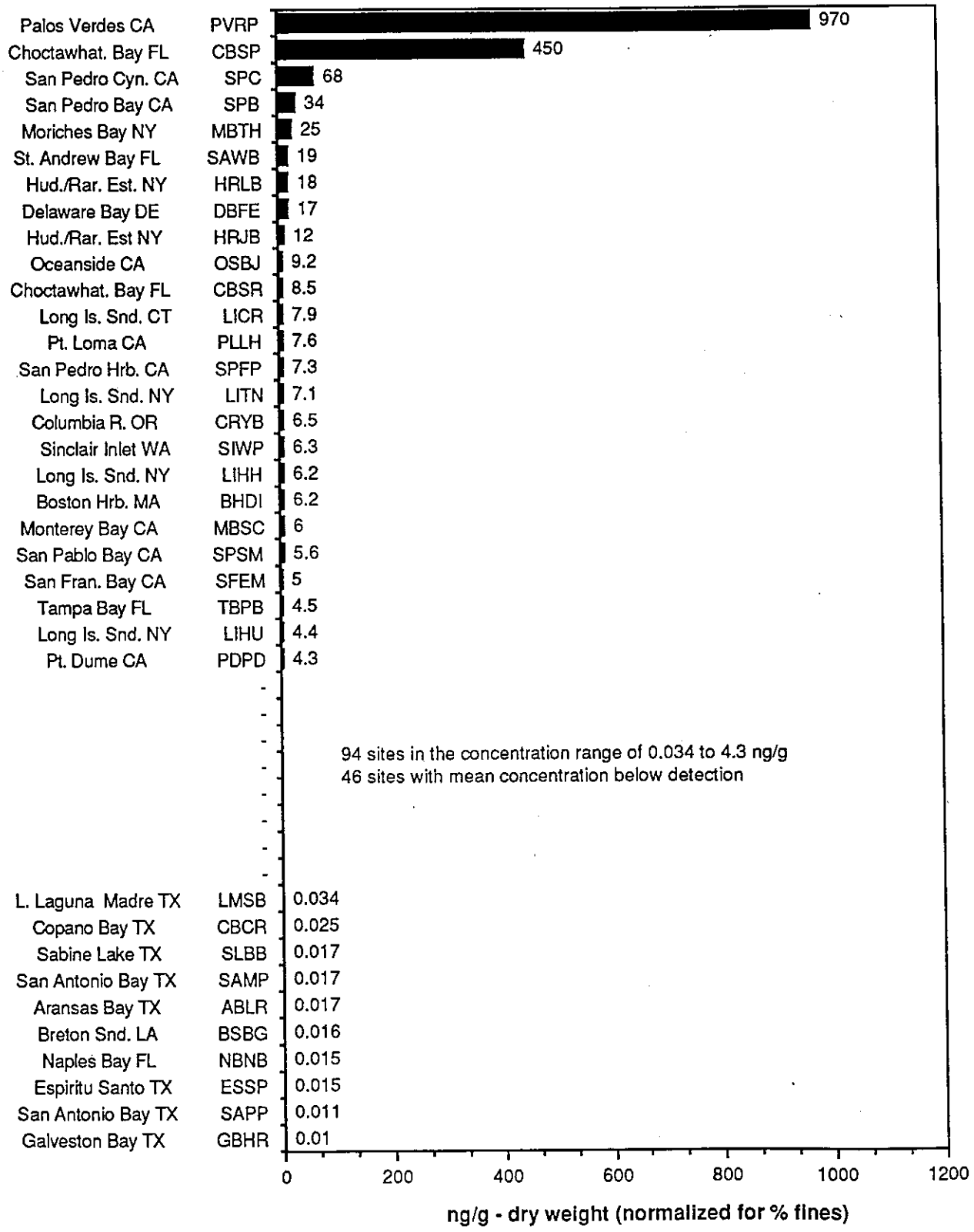
p,p'-DDE in Sediments



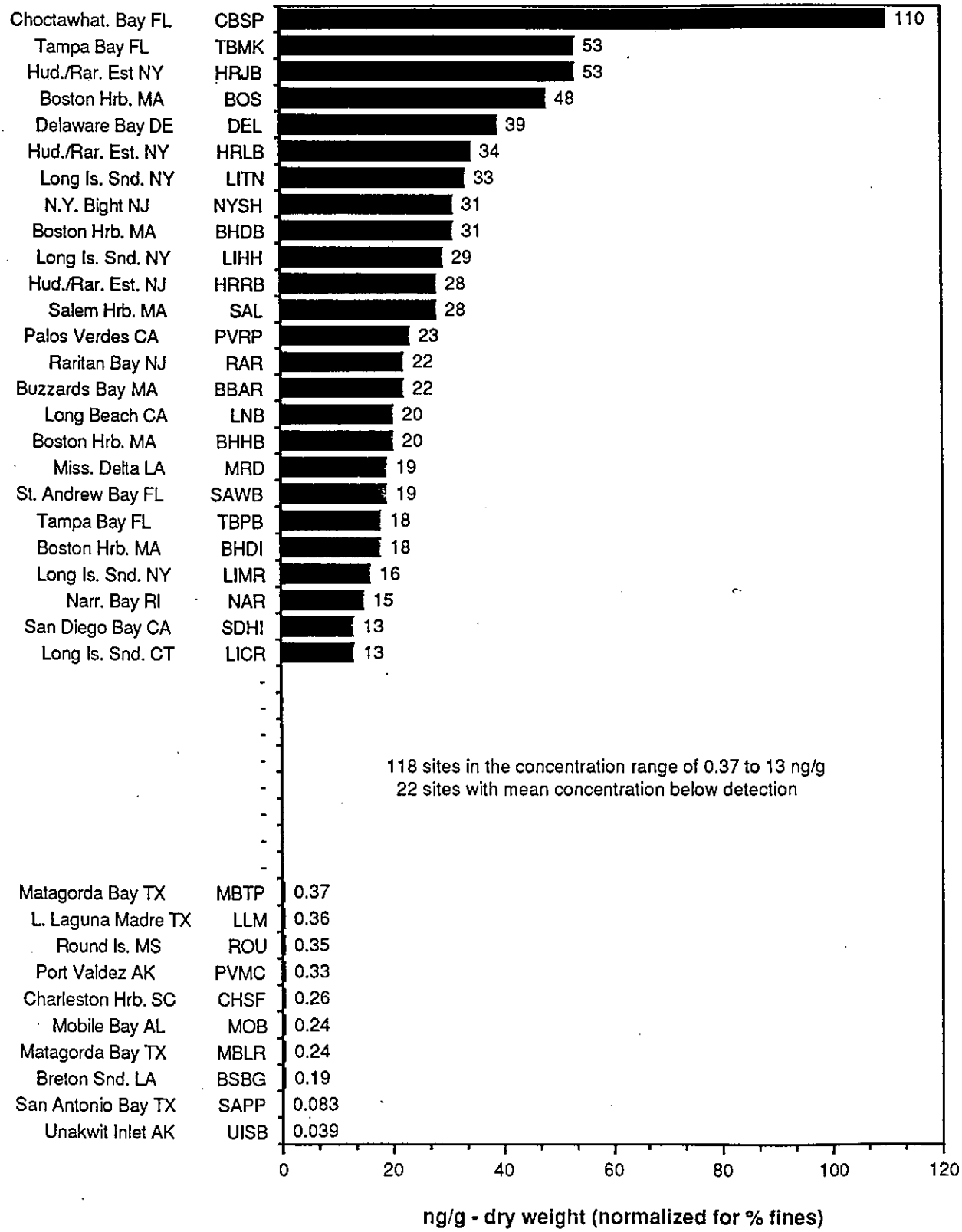
o,p'-DDT in Sediments



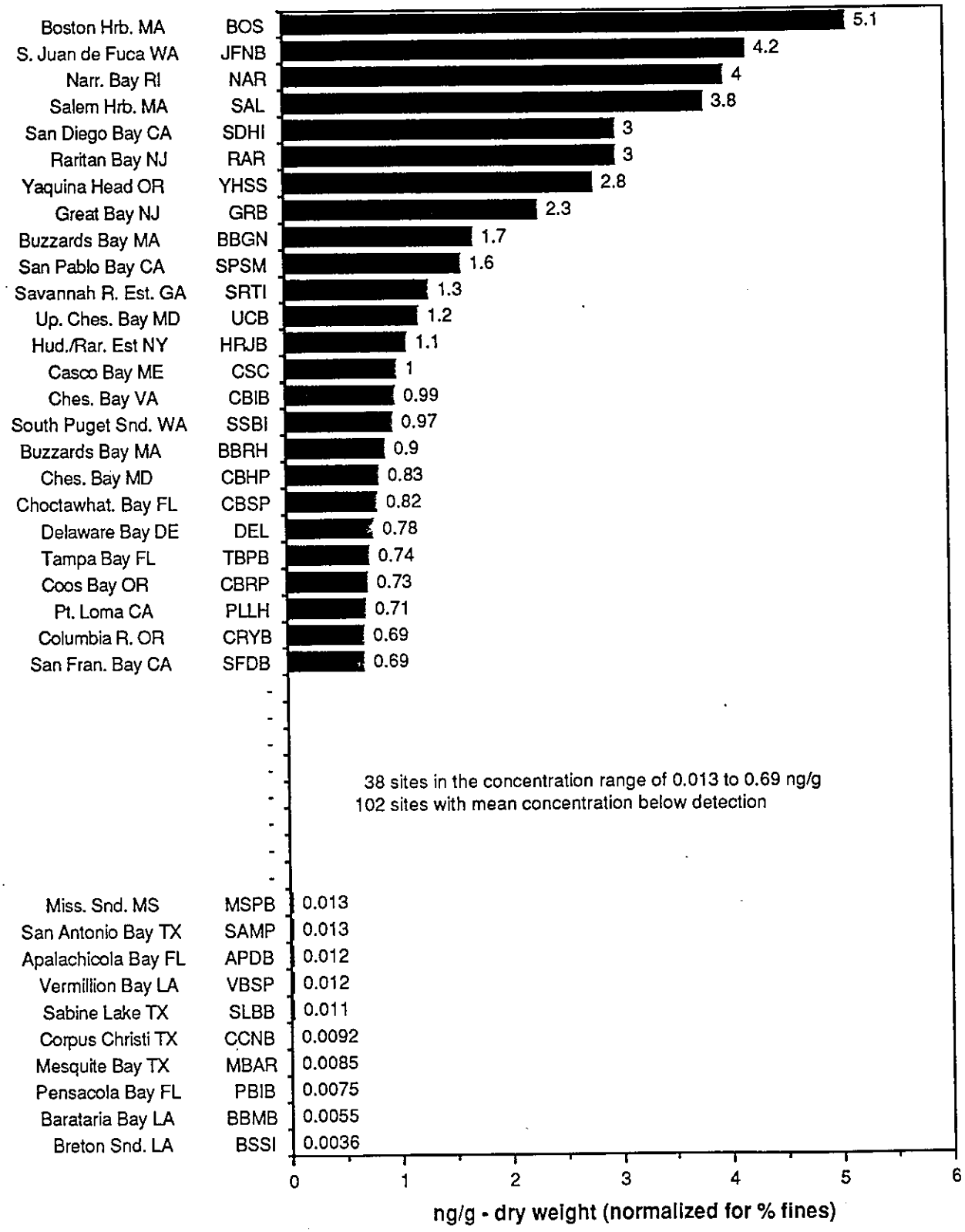
p,p'-DDT in Sediments



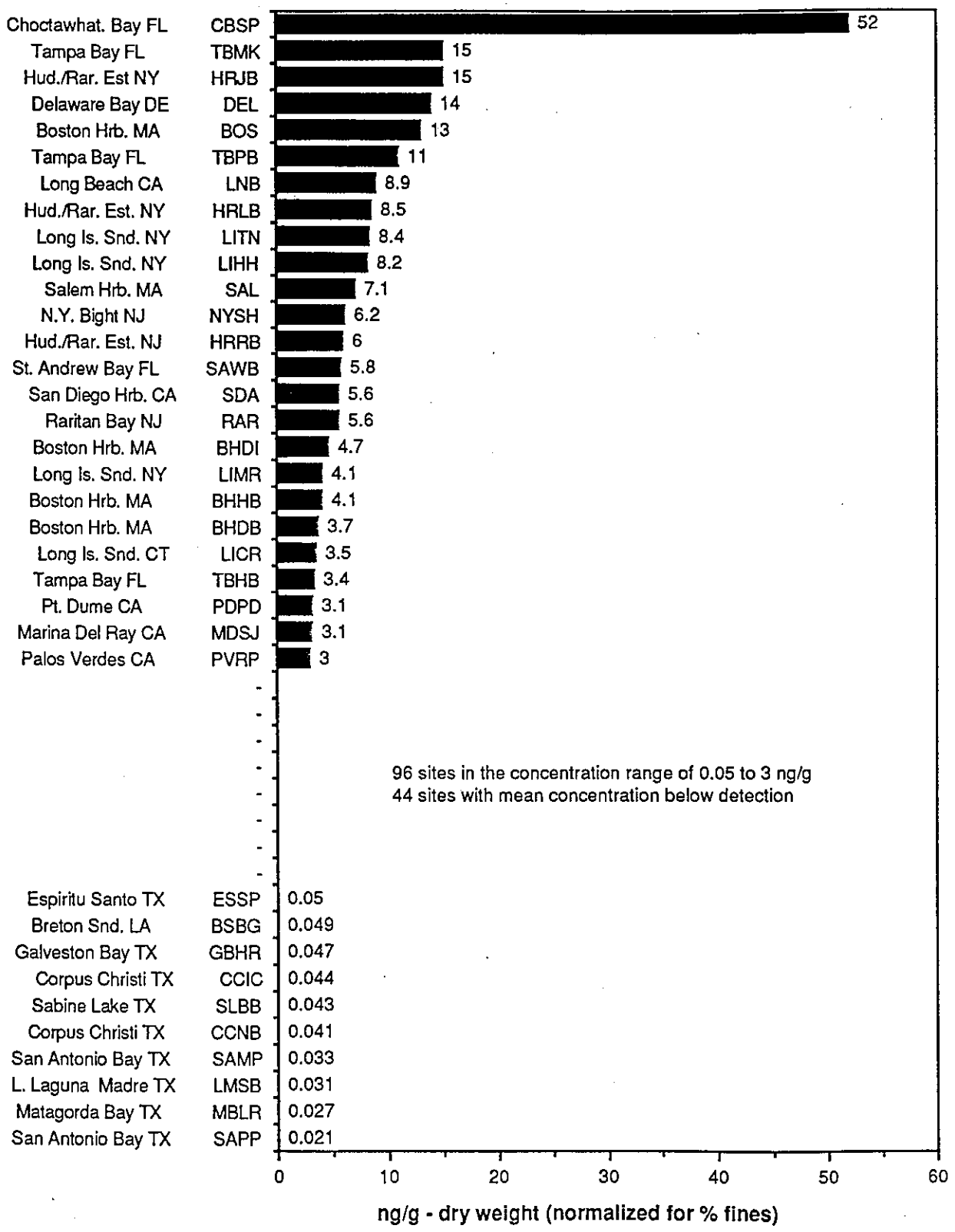
tChlP in Sediments



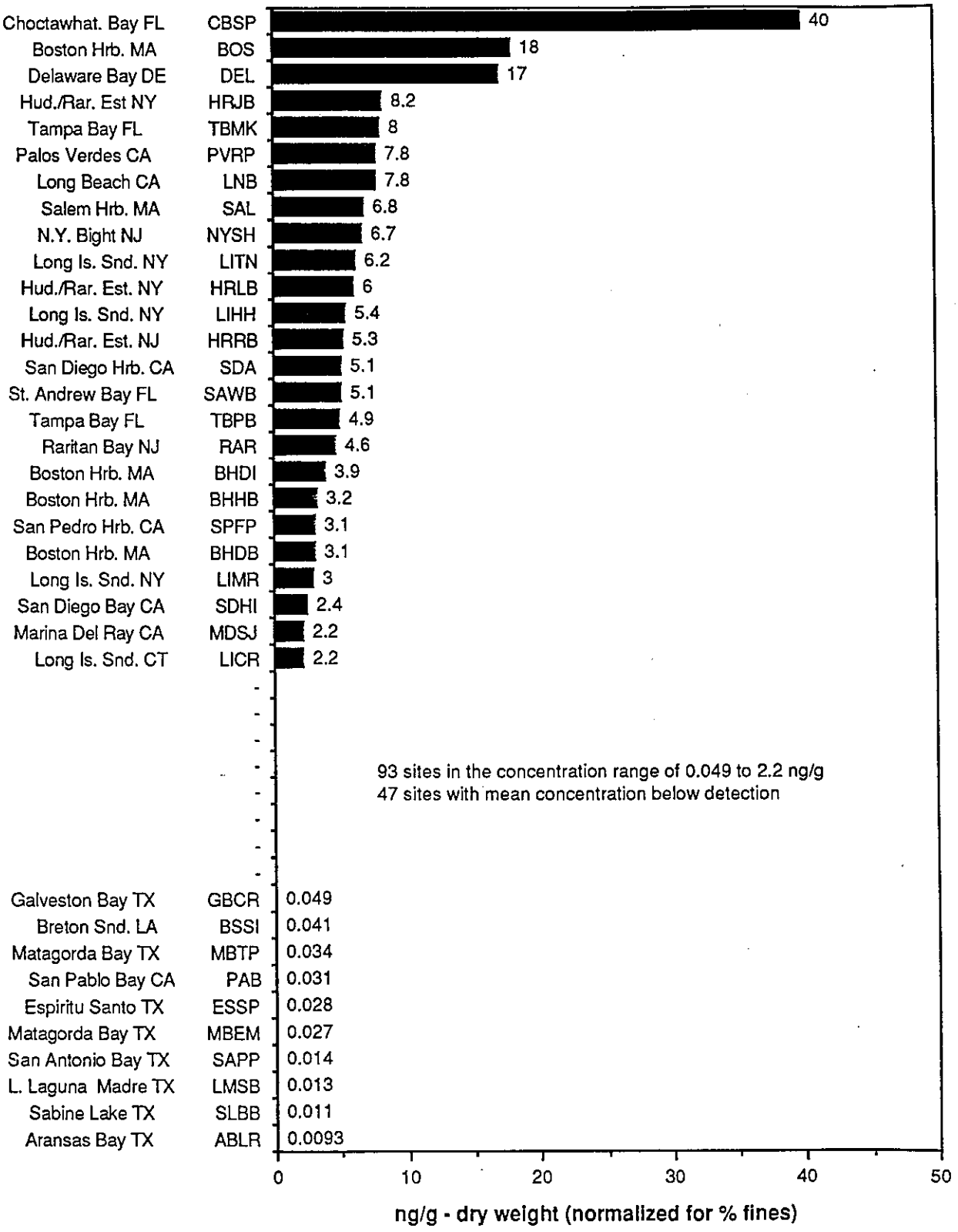
Aldrin in Sediments



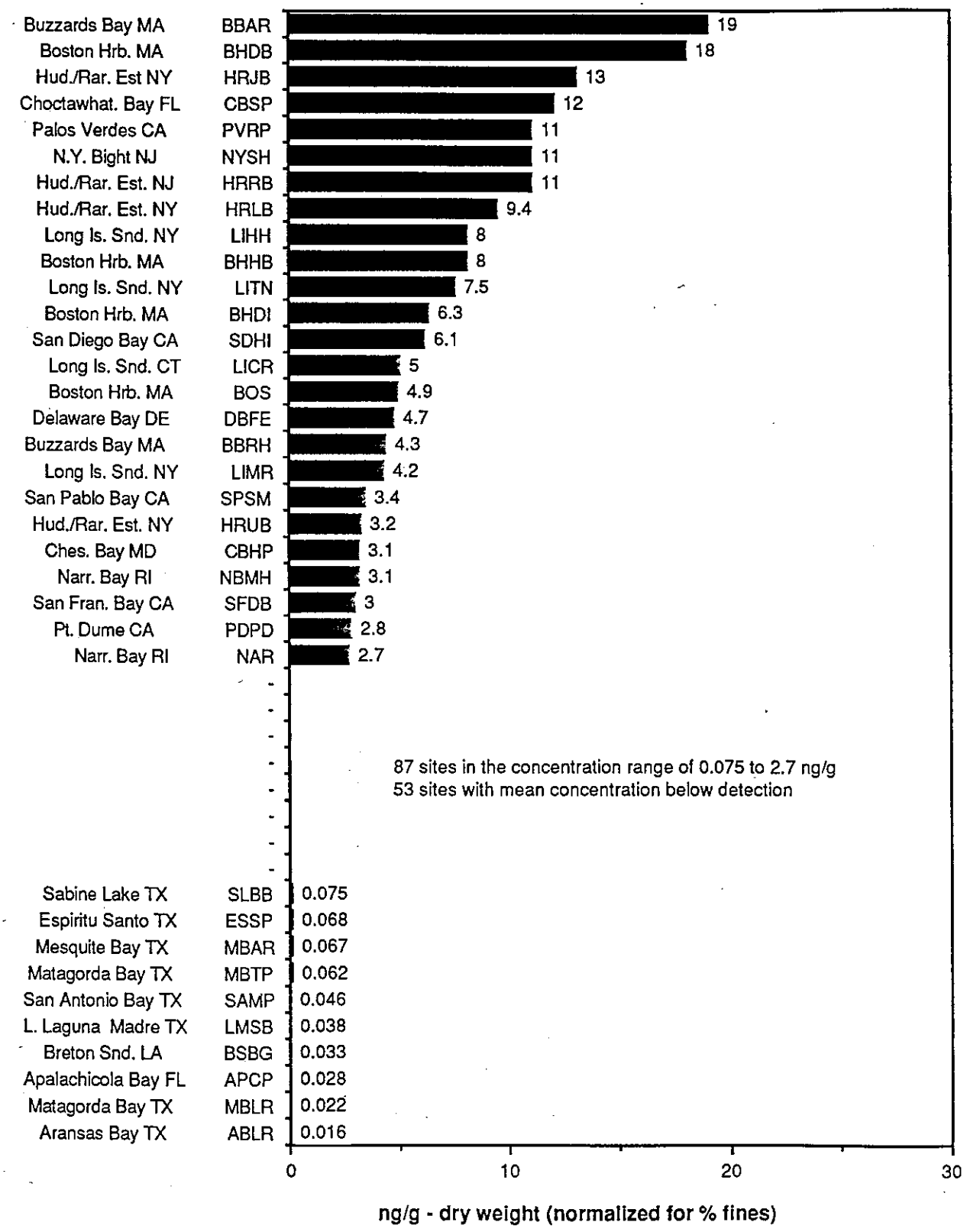
Alpha-Chlordane in Sediments



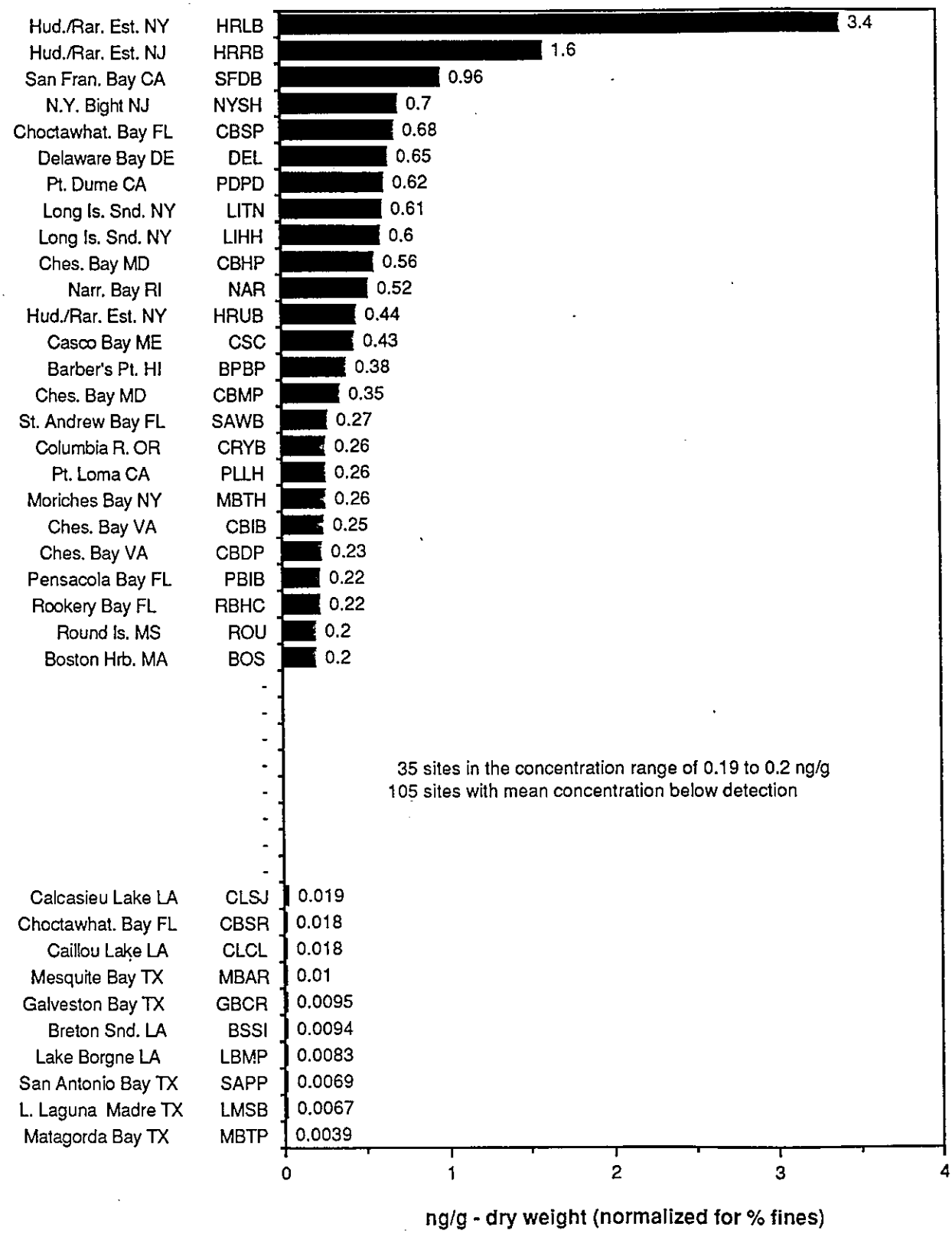
Trans-Nonachlor in Sediments



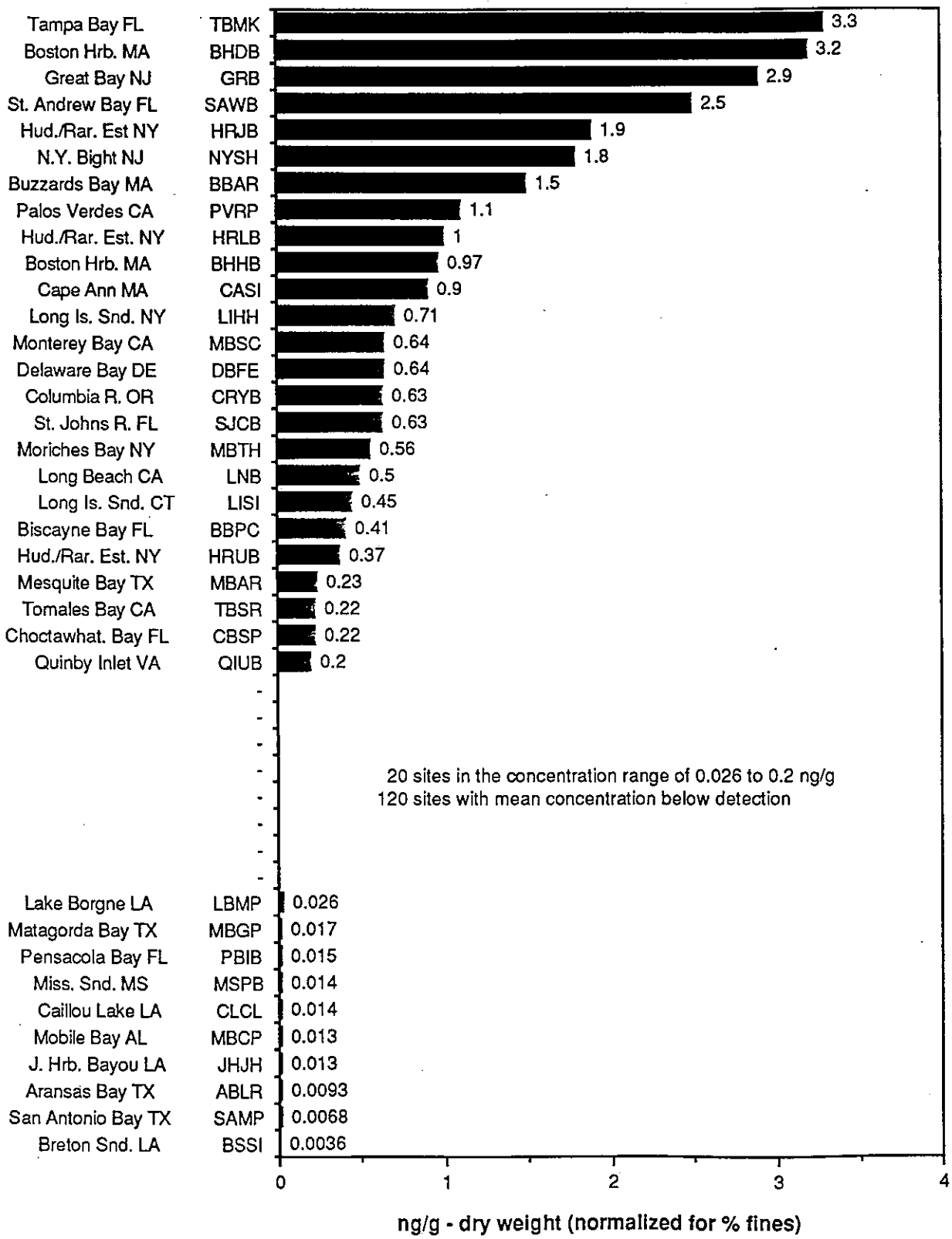
Dieldrin in Sediments



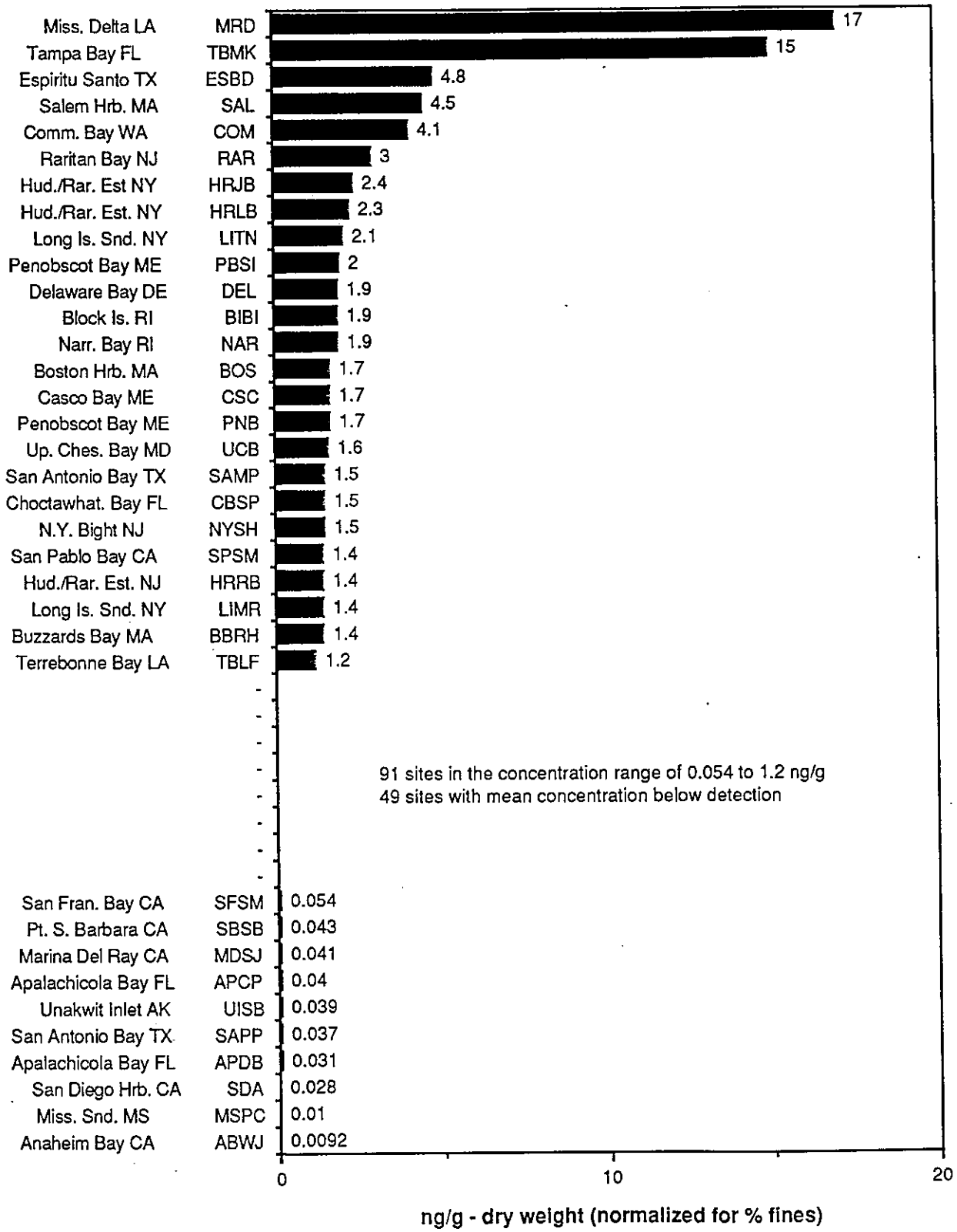
Heptachlor in Sediments



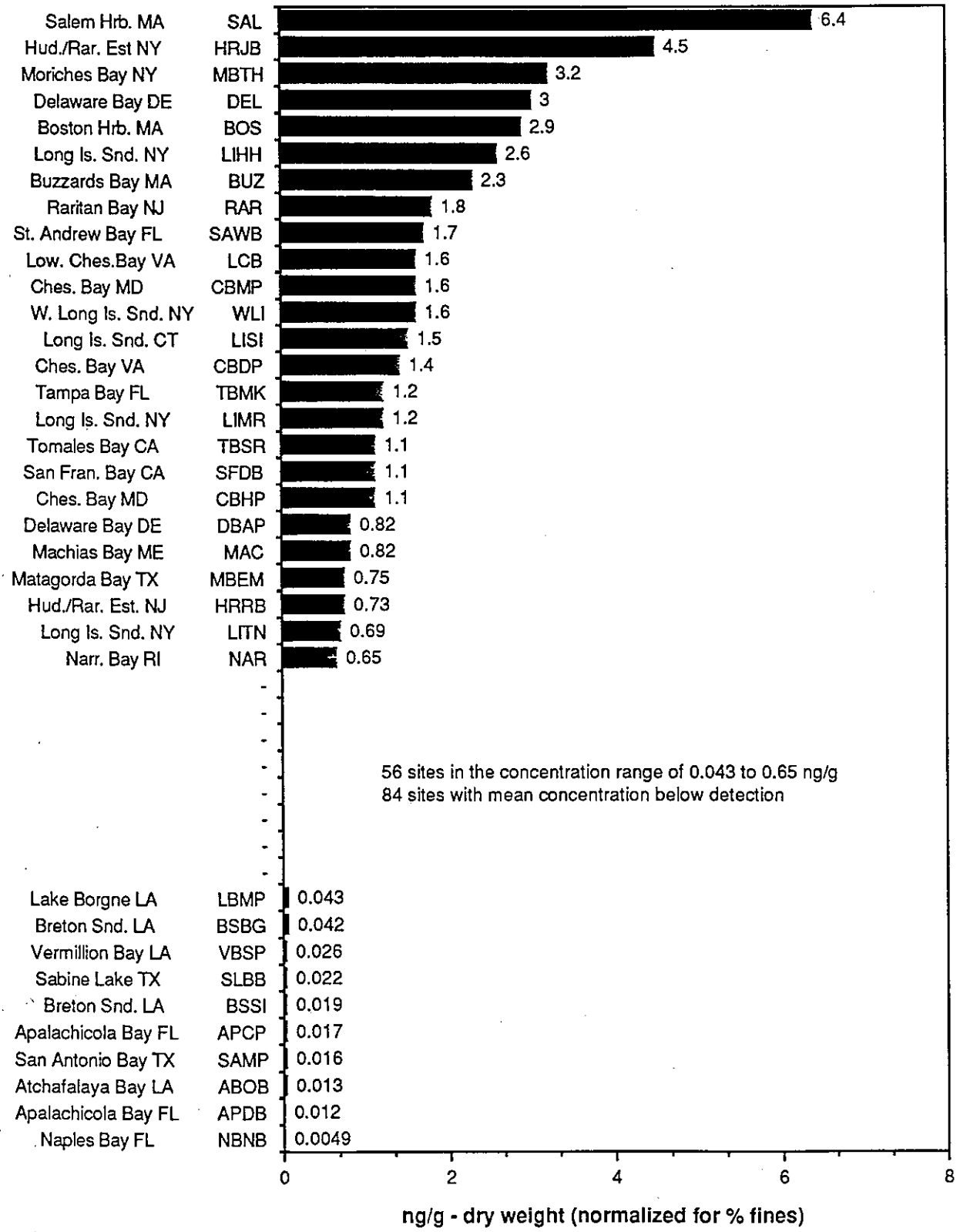
Heptachlor epoxide in Sediments



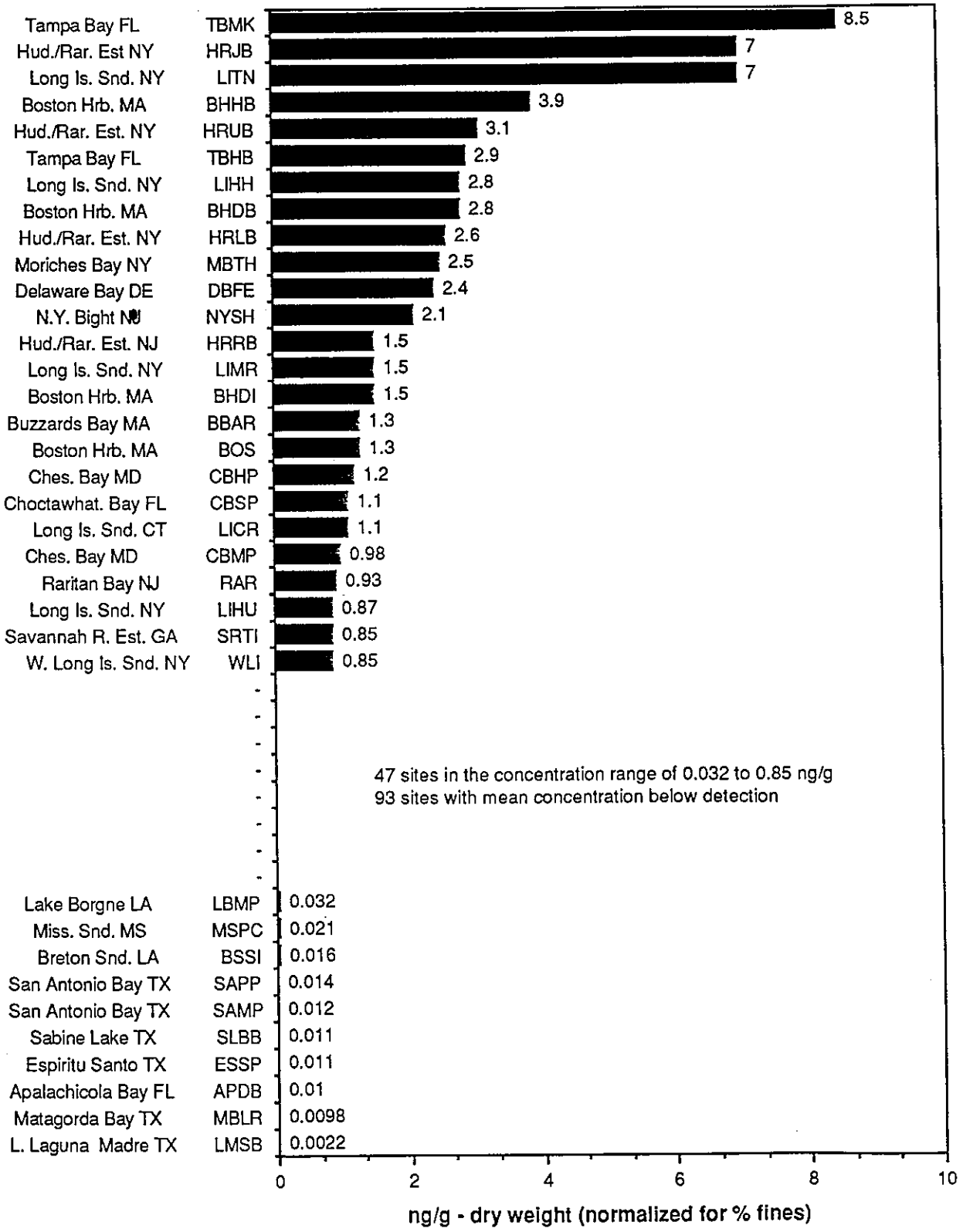
Hexachlorobenzene in Sediments



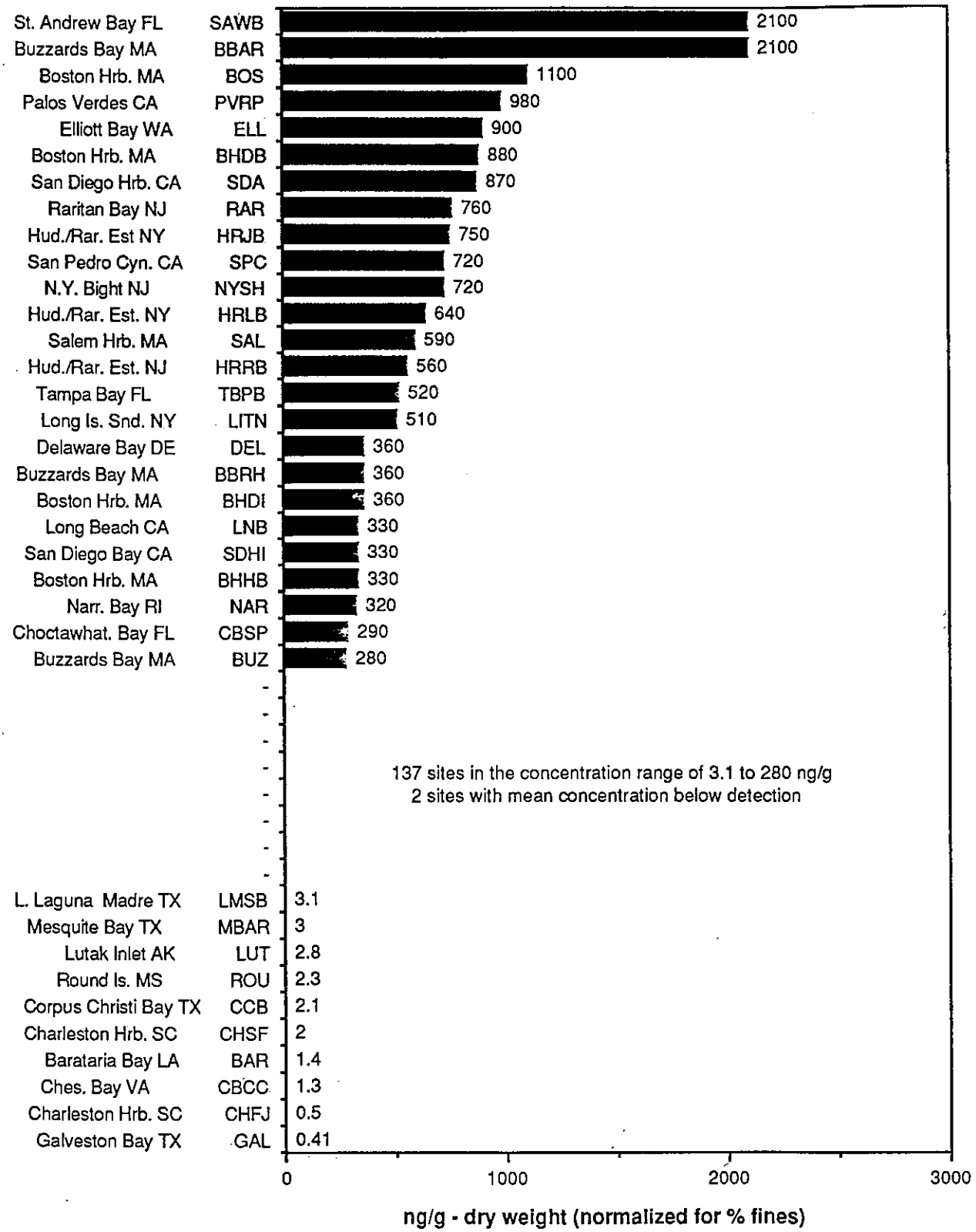
Lindane (gamma-BHC) in Sediments



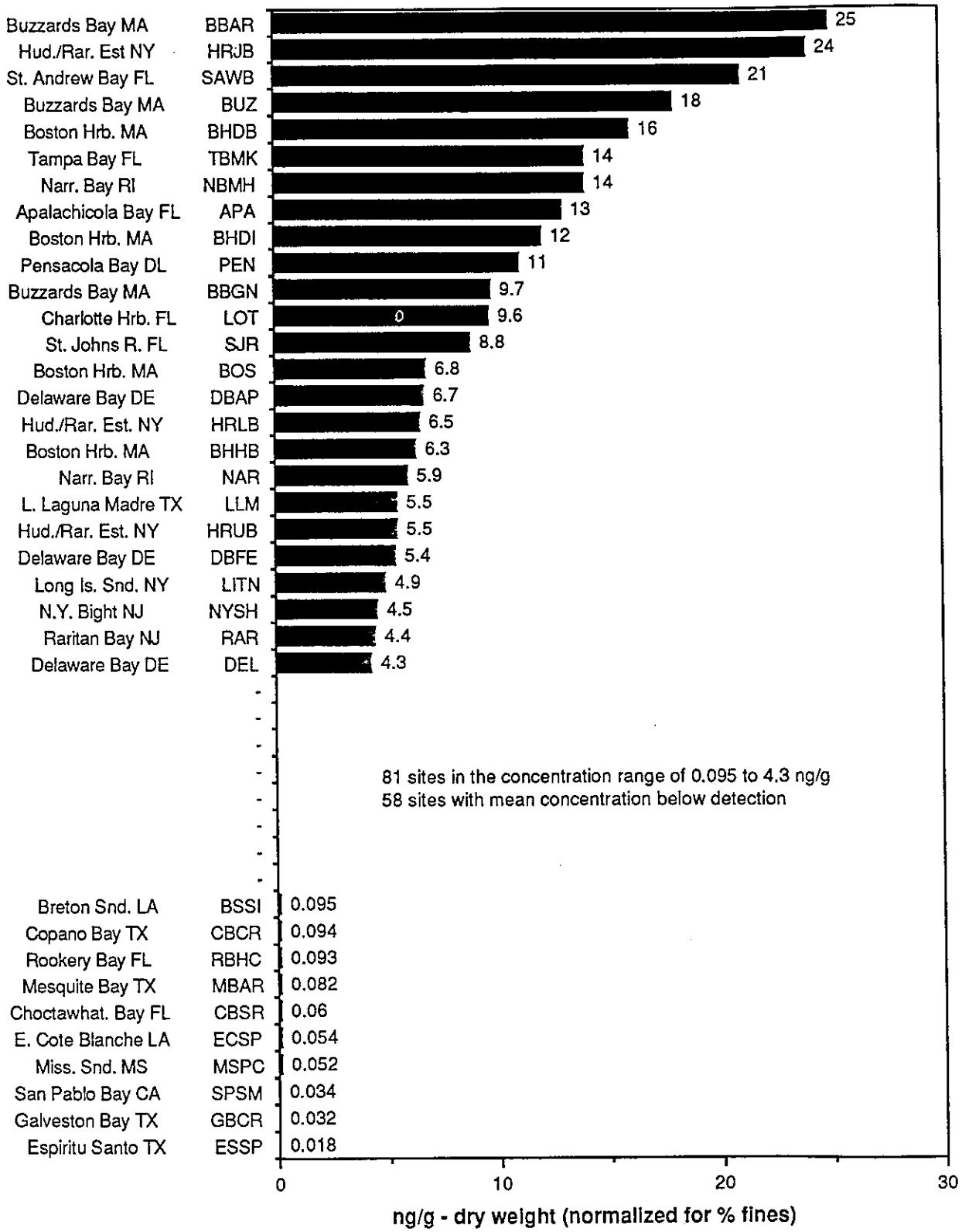
Mirex in Sediments



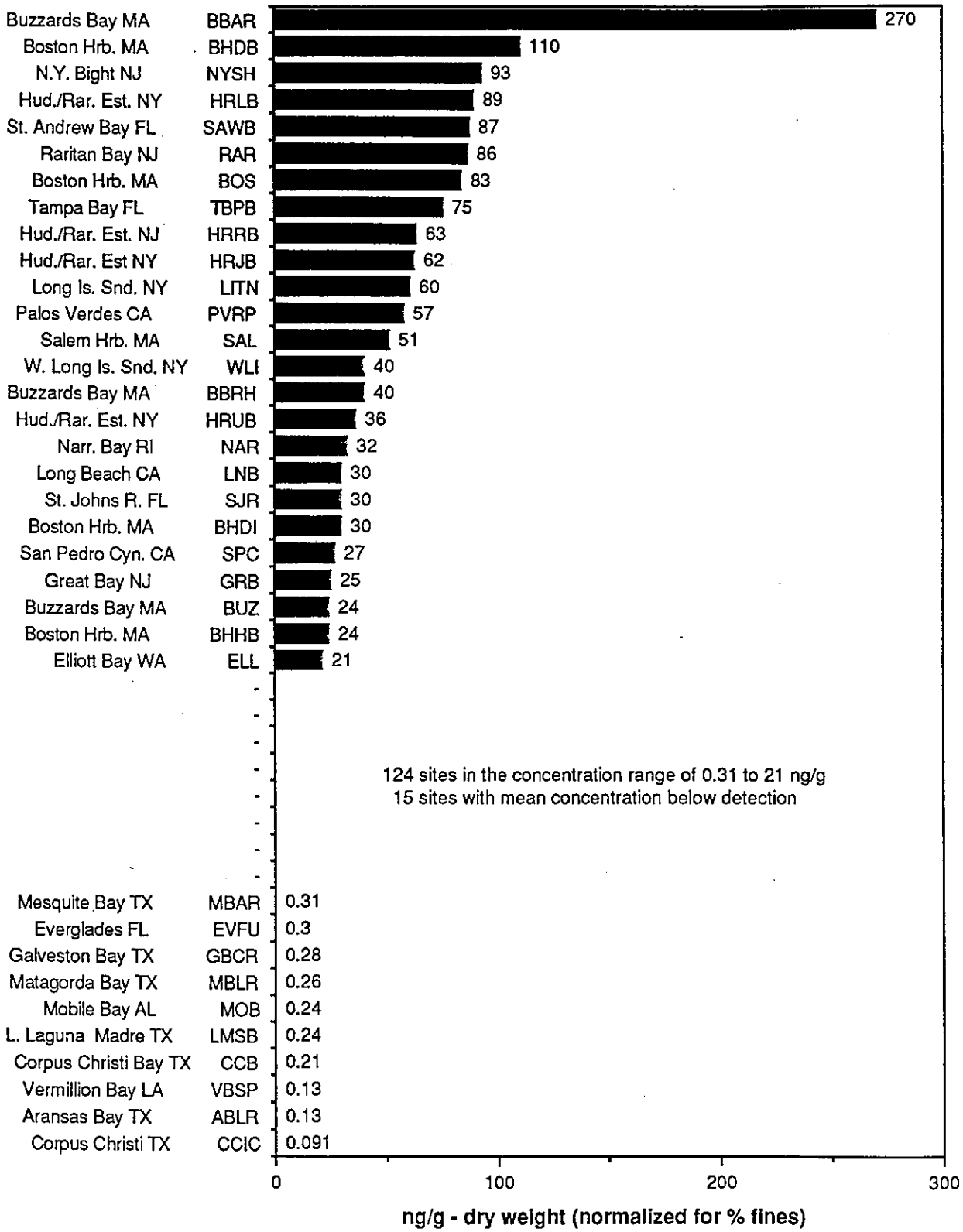
tPCB in Sediments



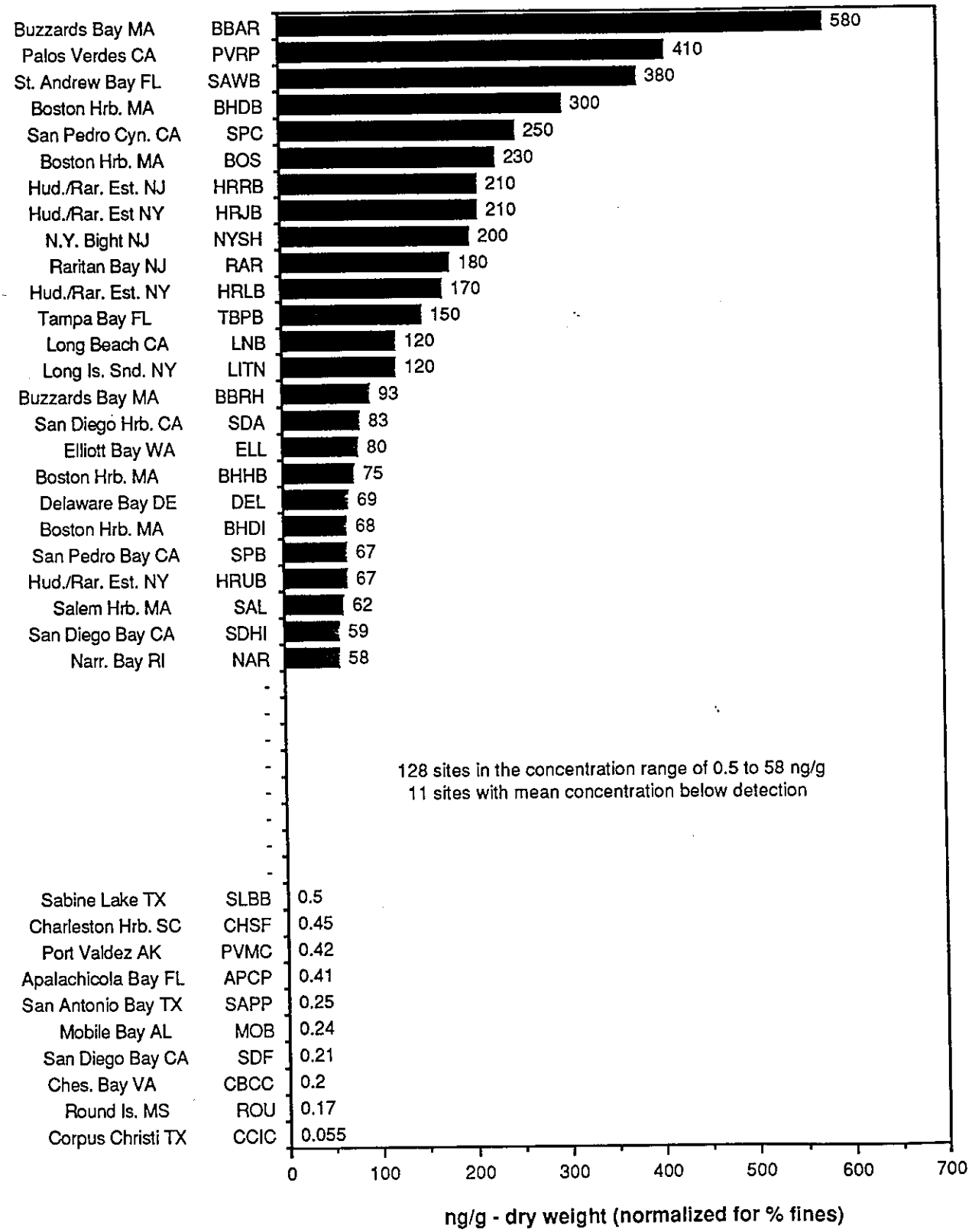
Dichlorobiphenyls in Sediments



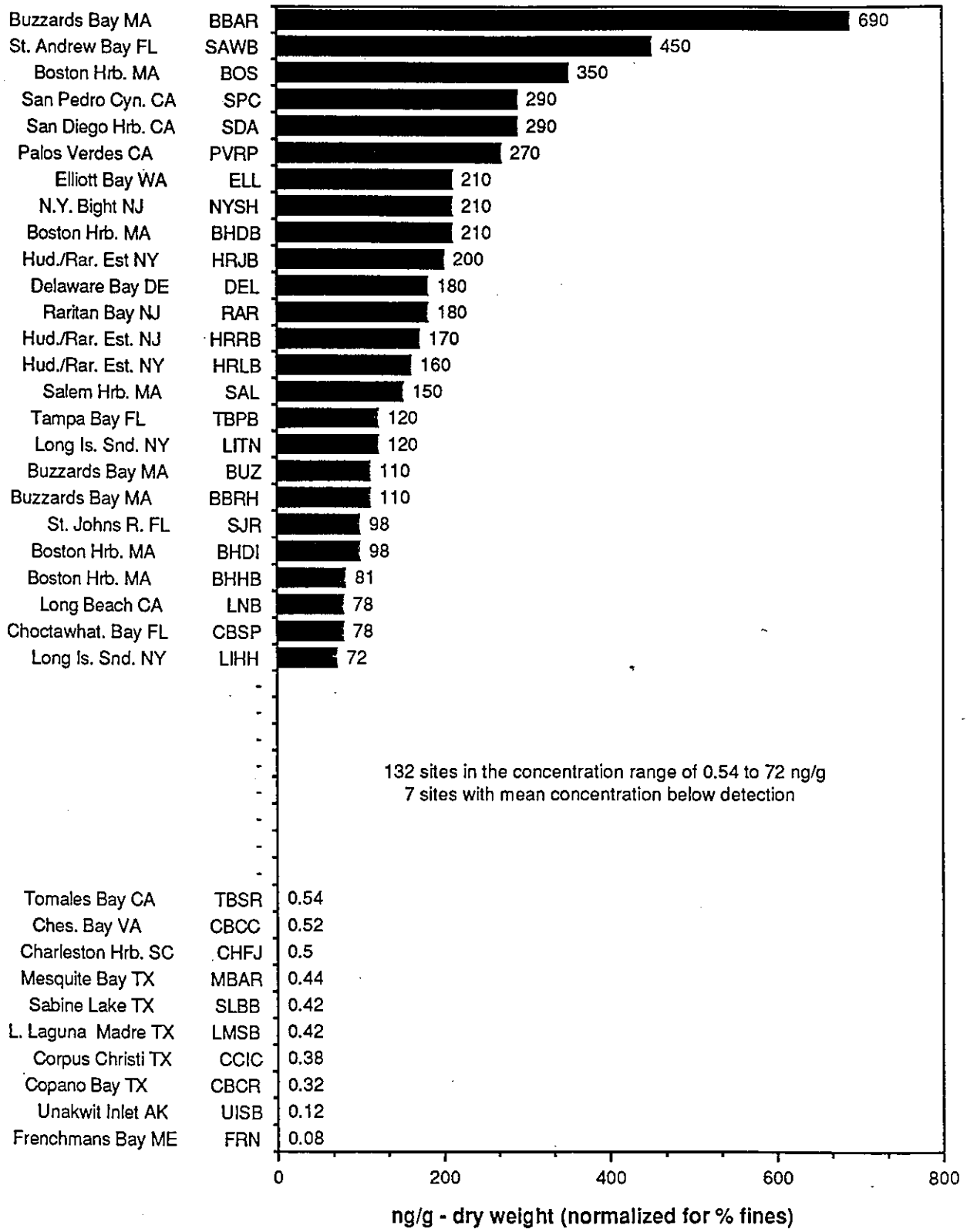
Trichlorobiphenyls in Sediments



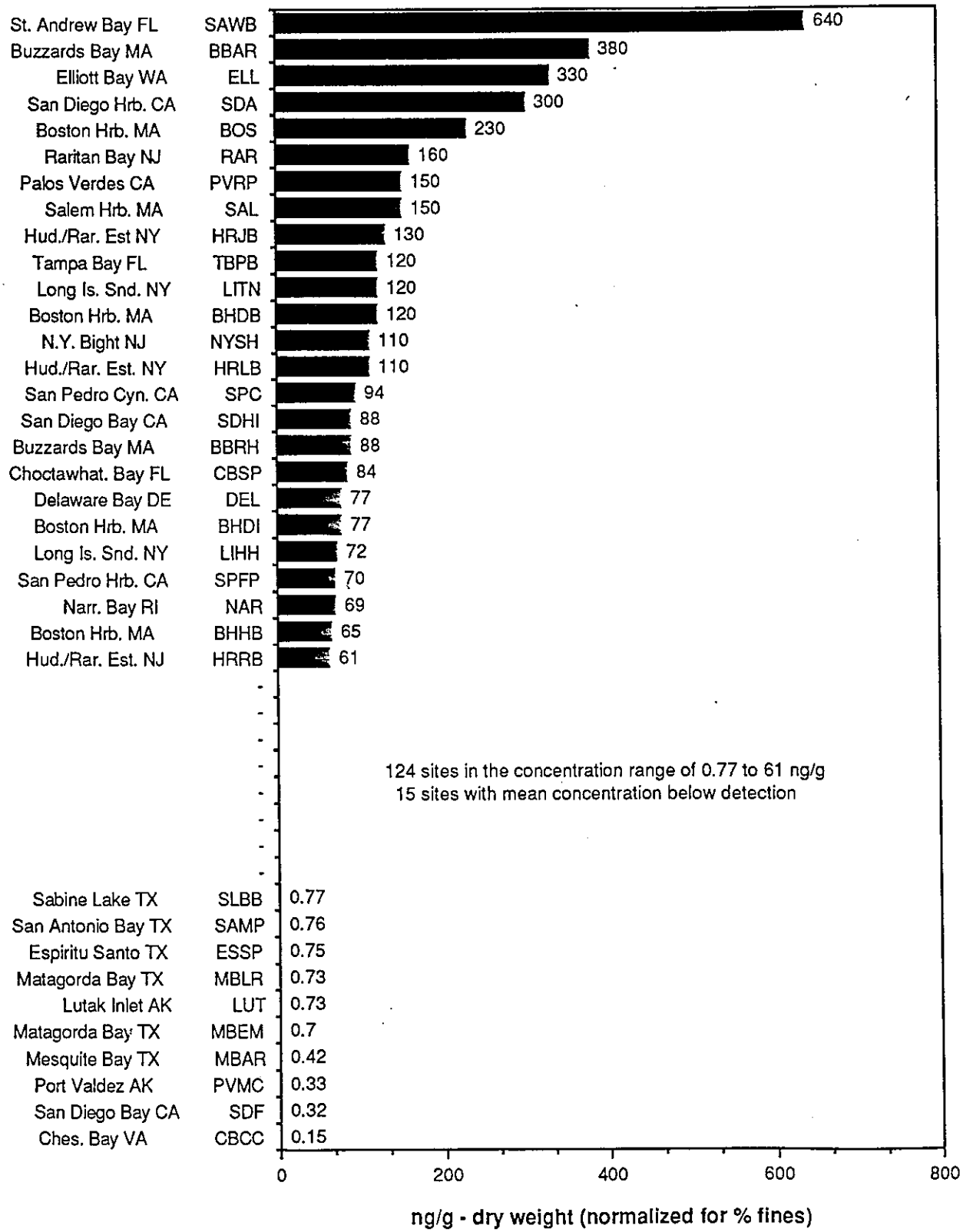
Tetrachlorobiphenyls in Sediments



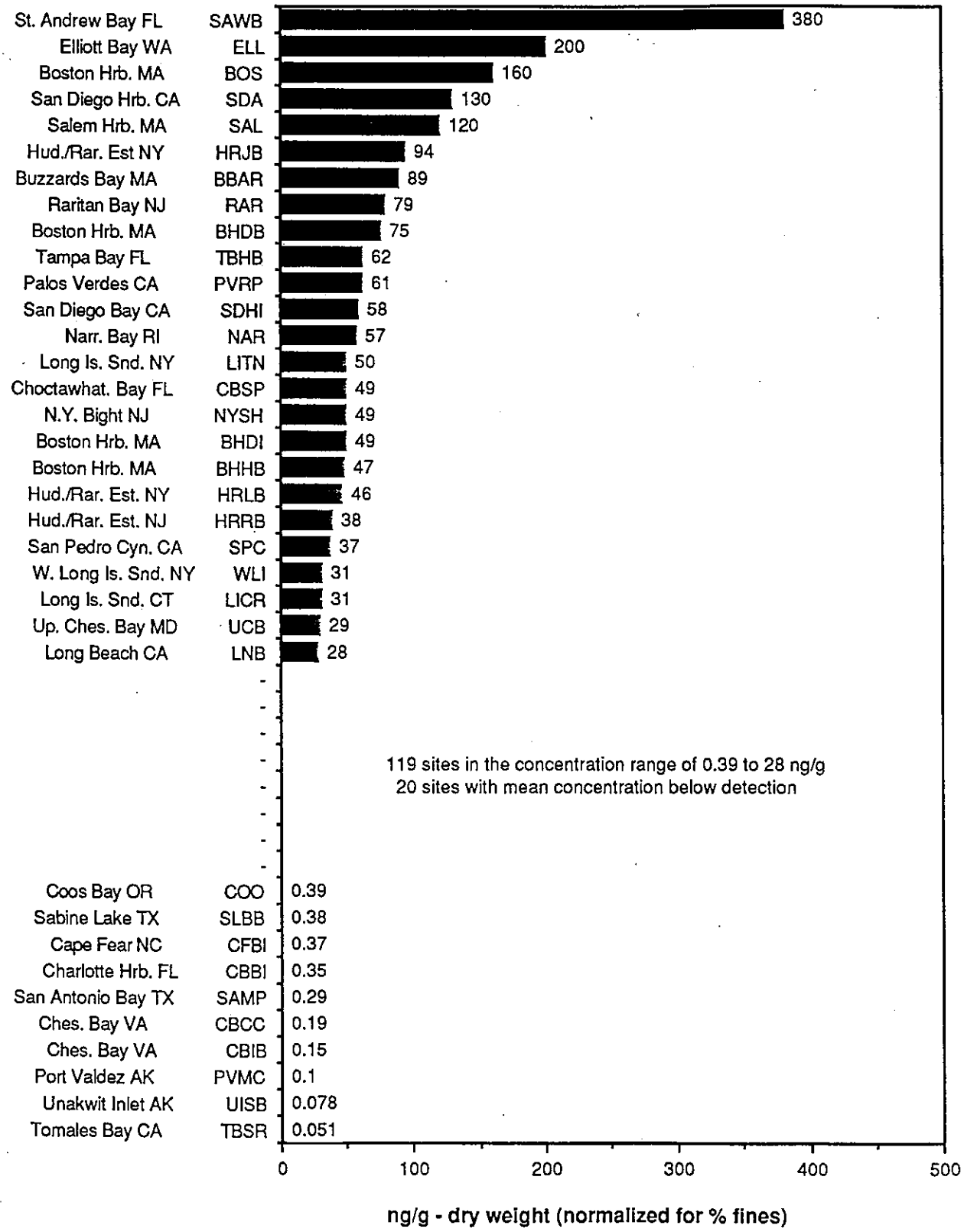
Pentachlorobiphenyls in Sediments



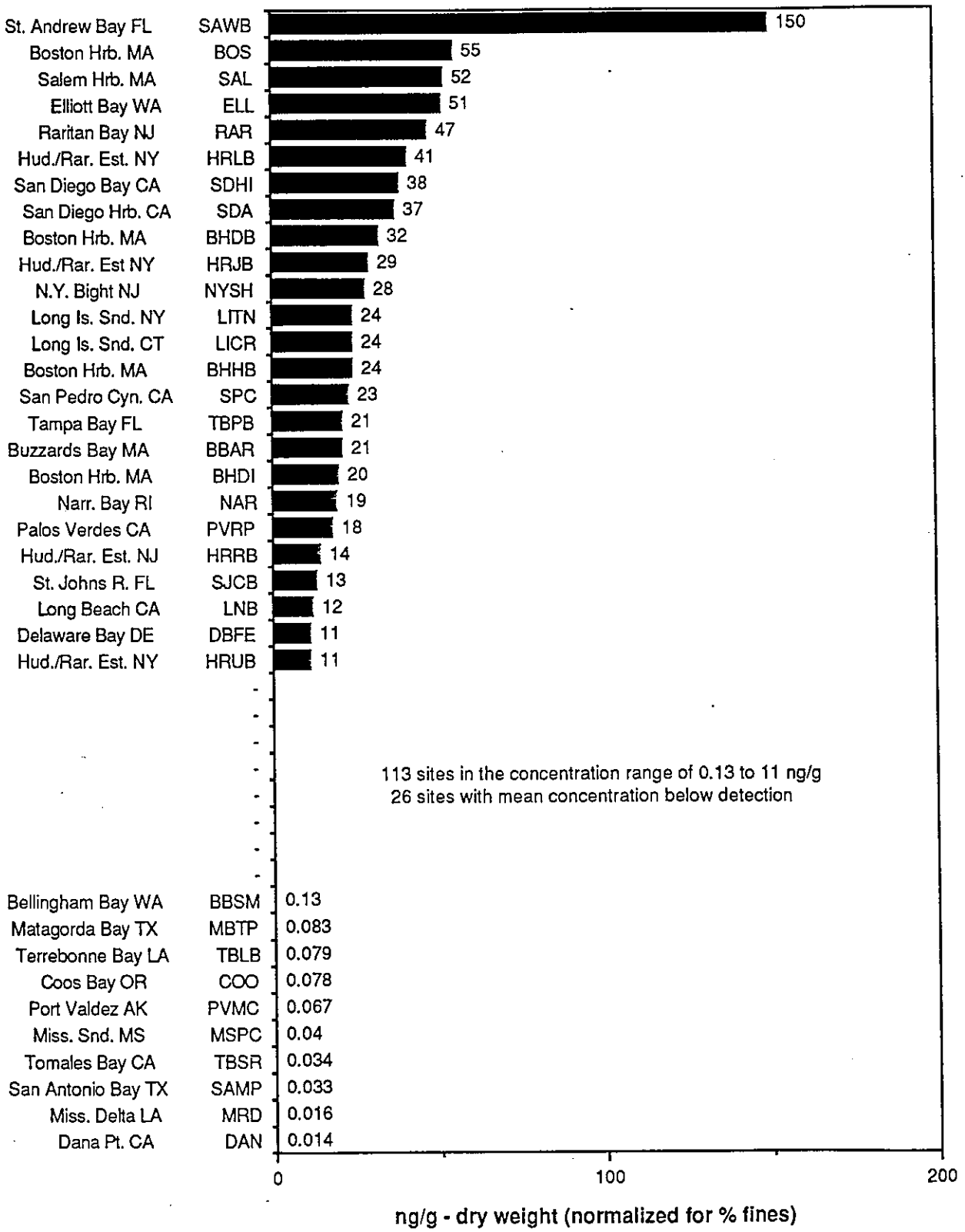
Hexachlorobiphenyls in Sediments



Heptachlorobiphenyls in Sediments



Octachlorobiphenyls in Sediments



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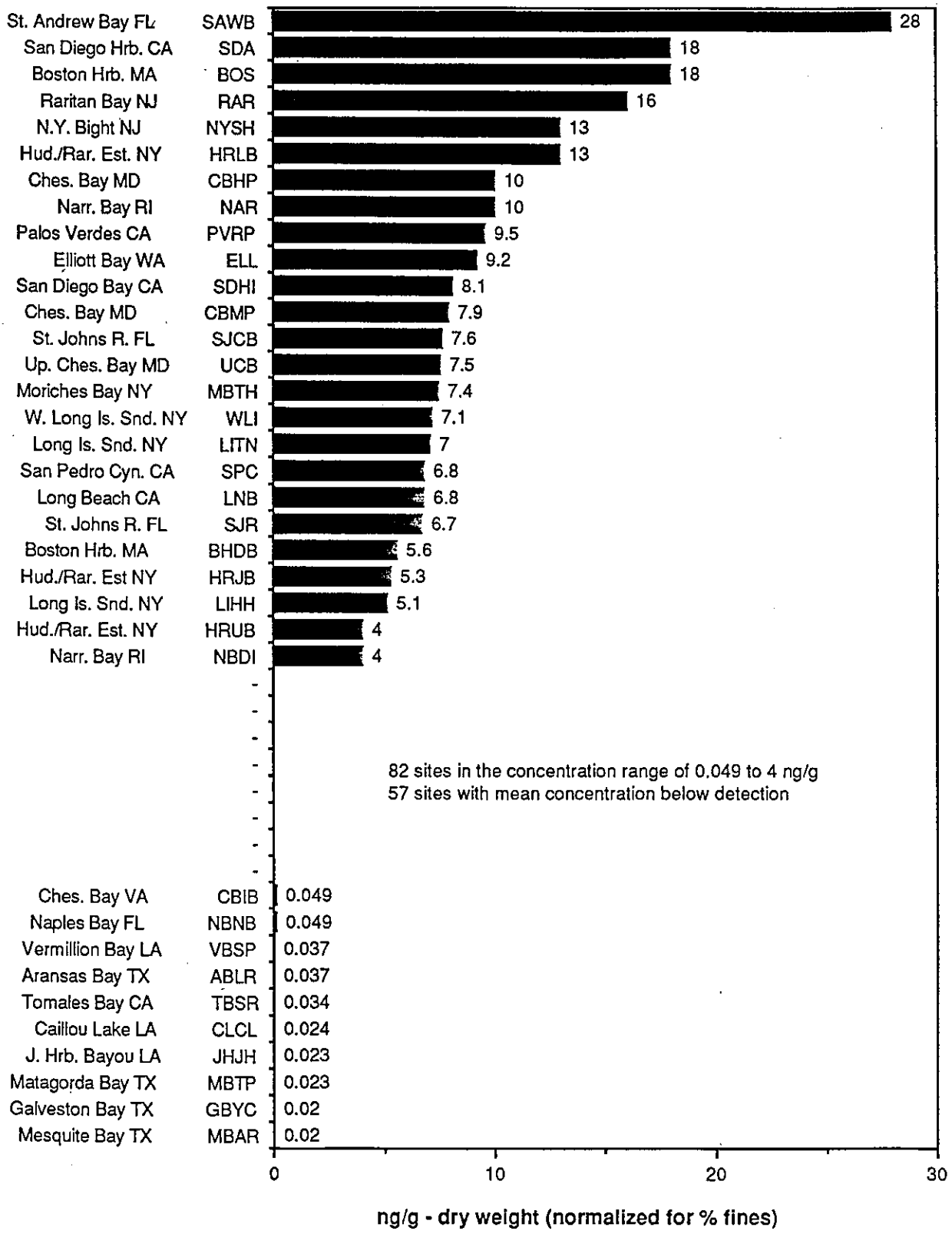
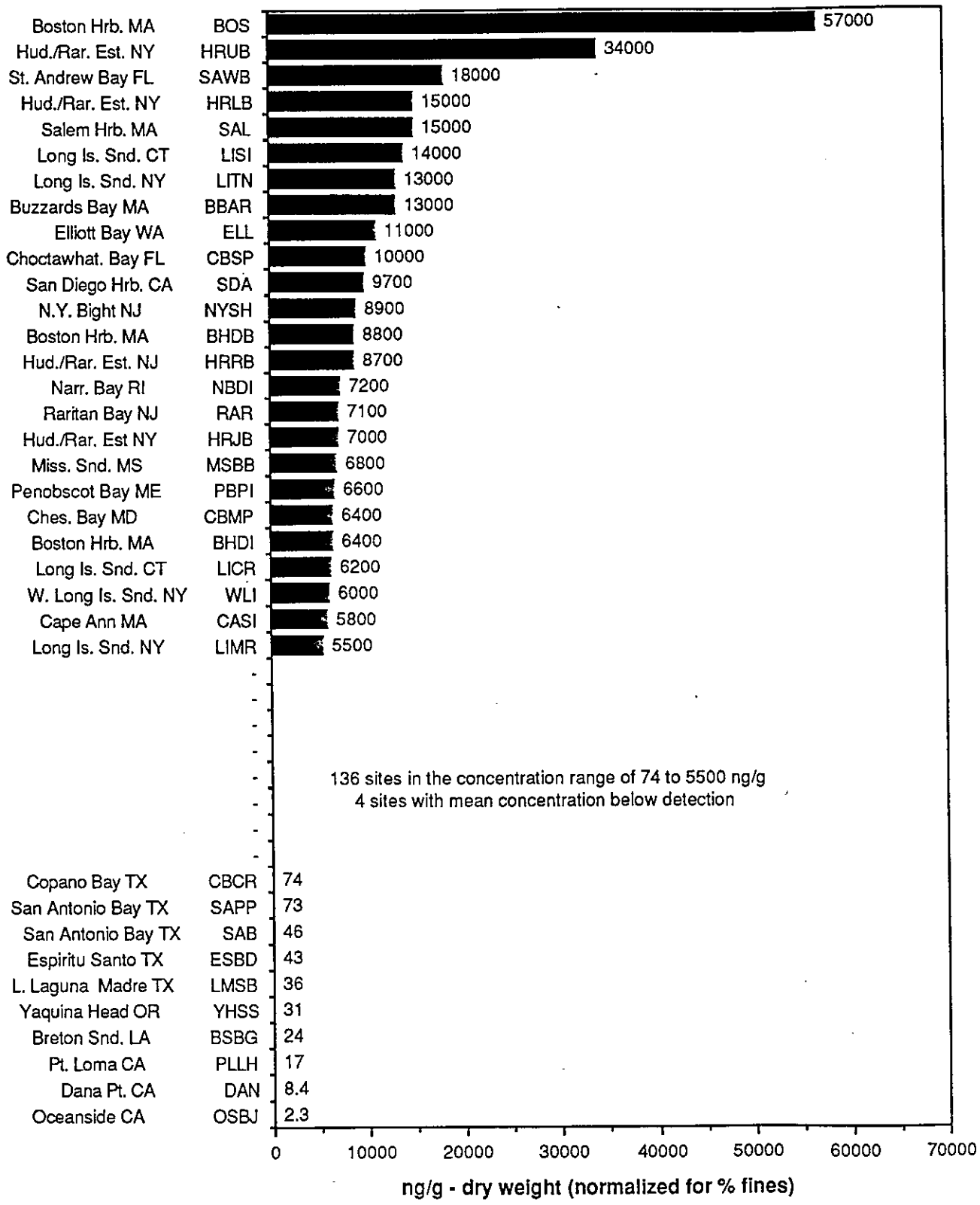
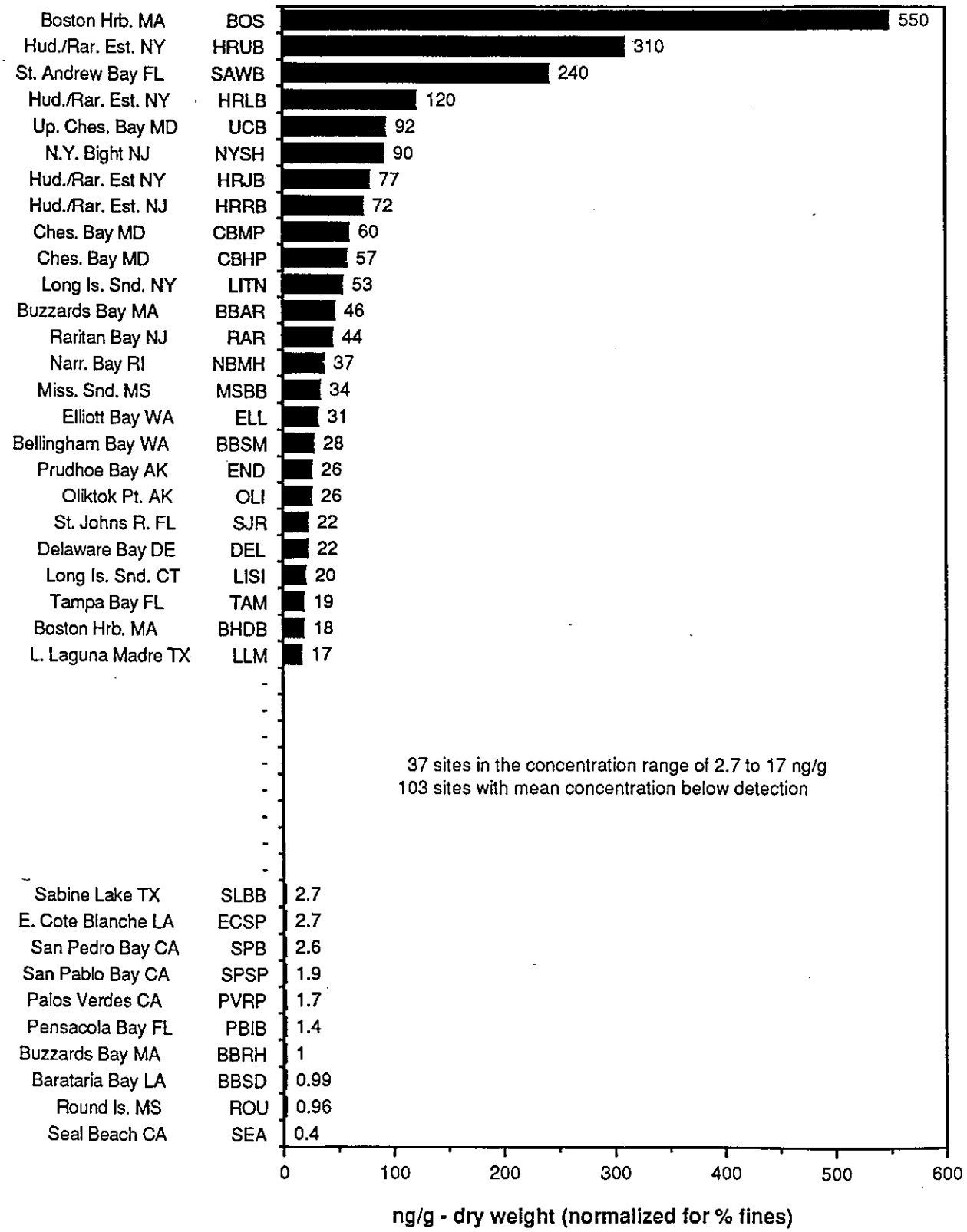


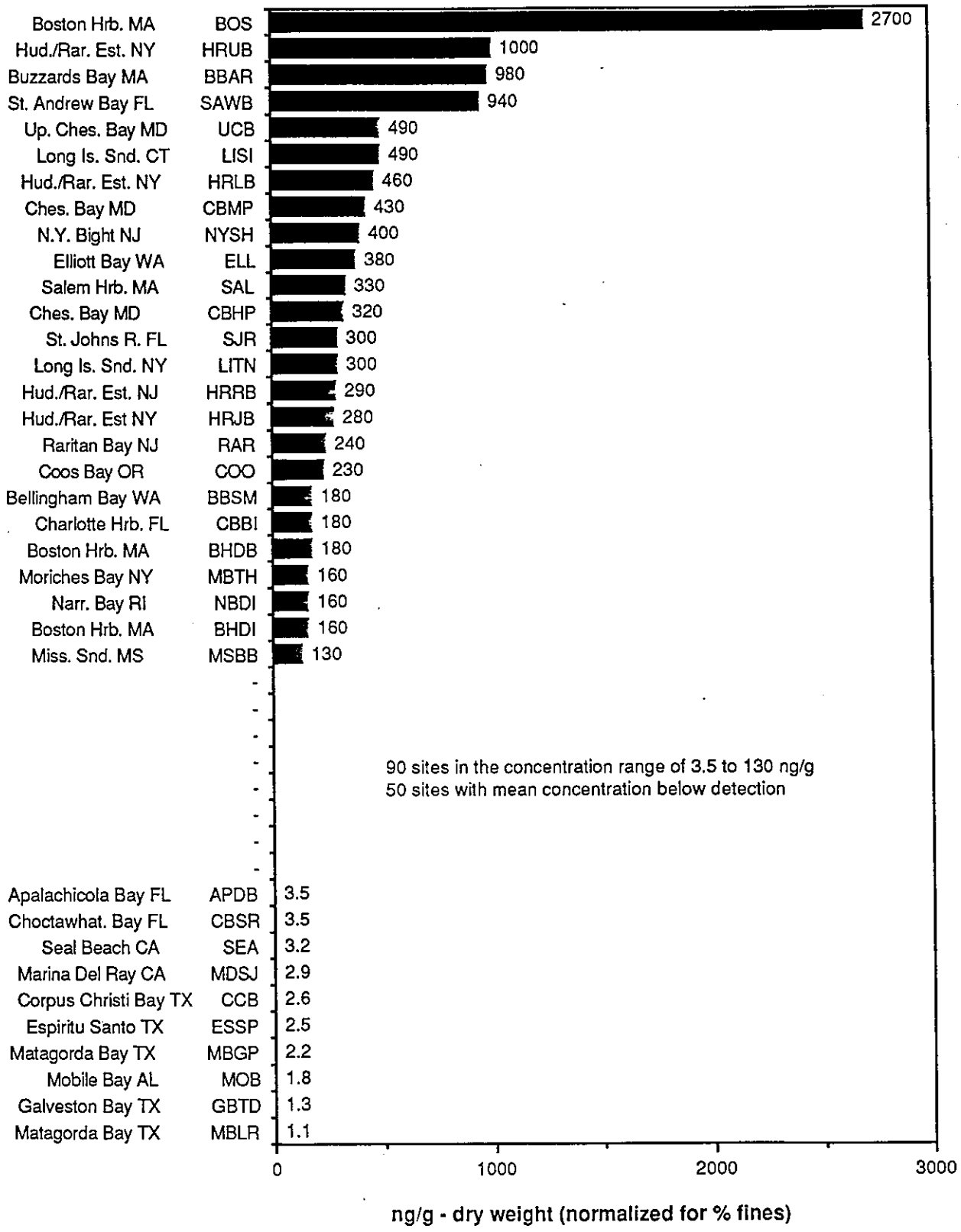
tPAH in Sediments



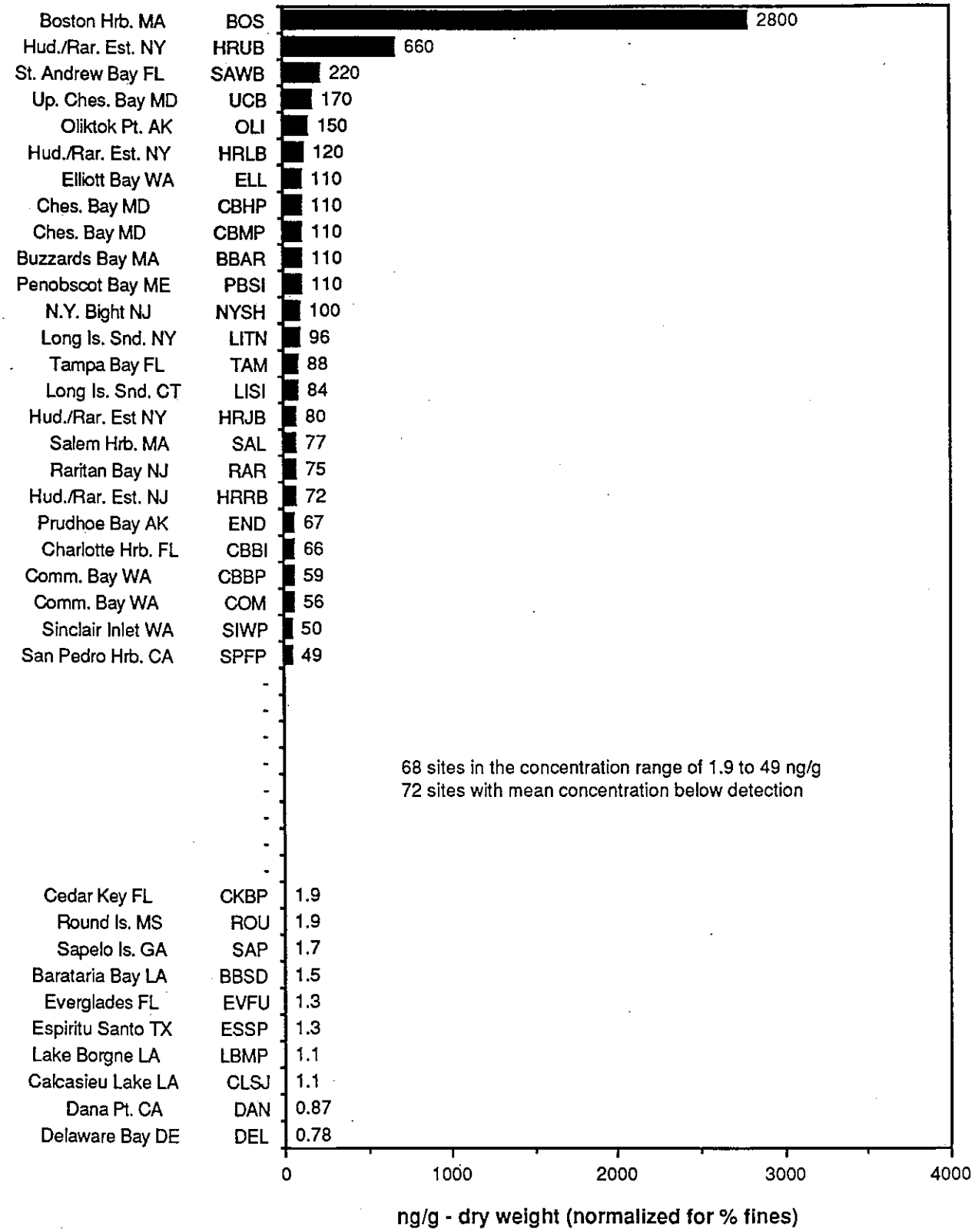
Biphenyl in Sediments



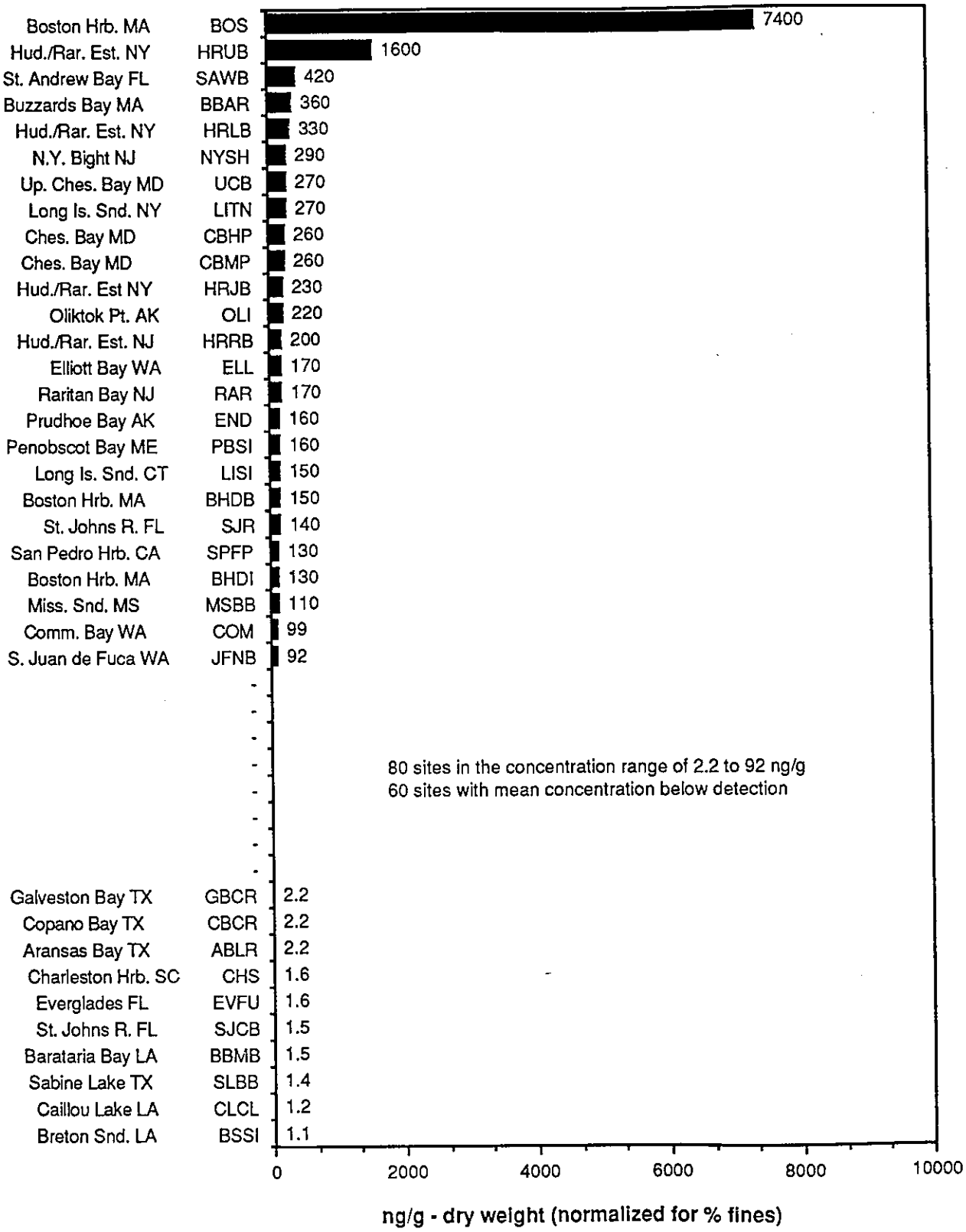
Naphthalene in Sediments



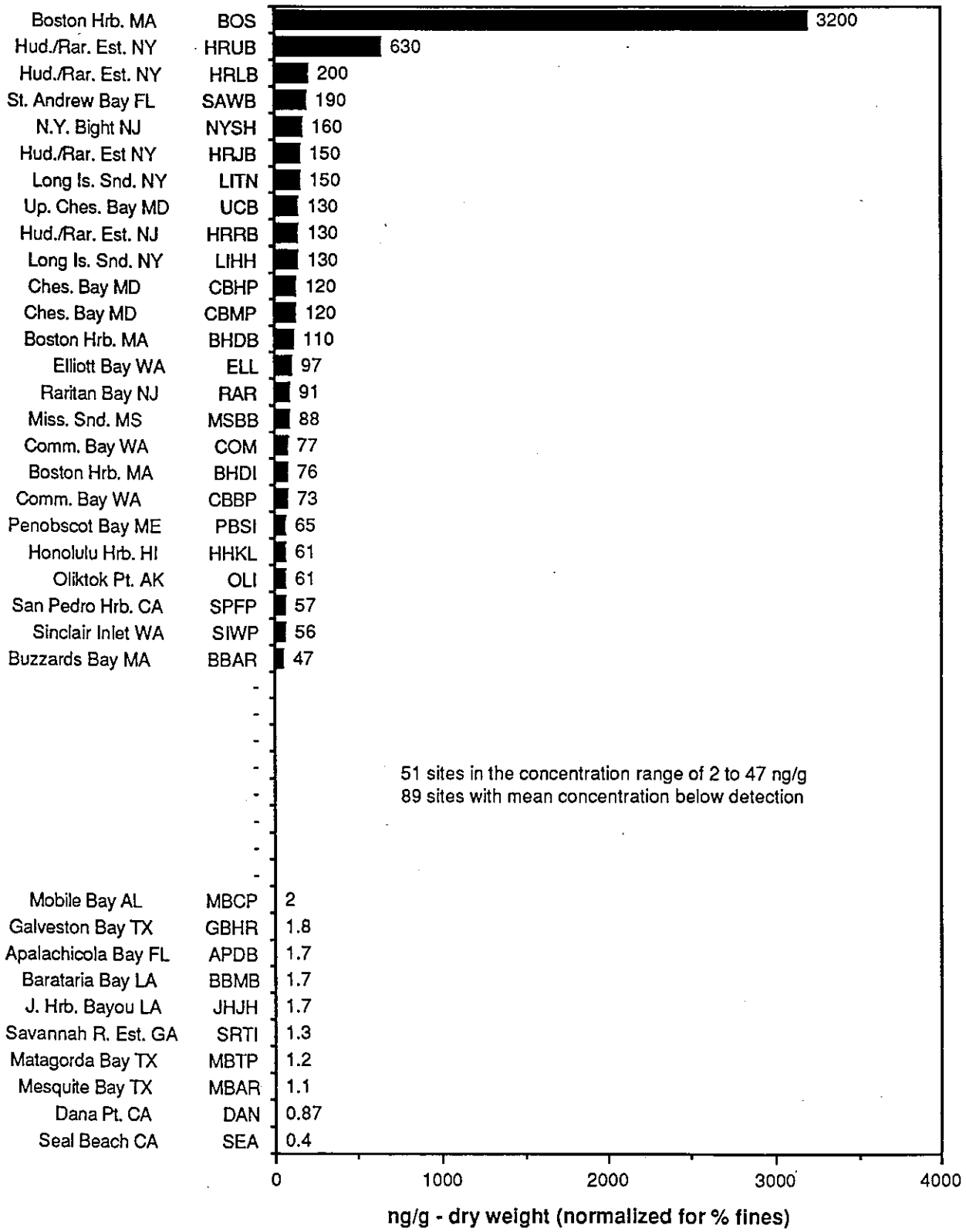
1-Methylnaphthalene in Sediments



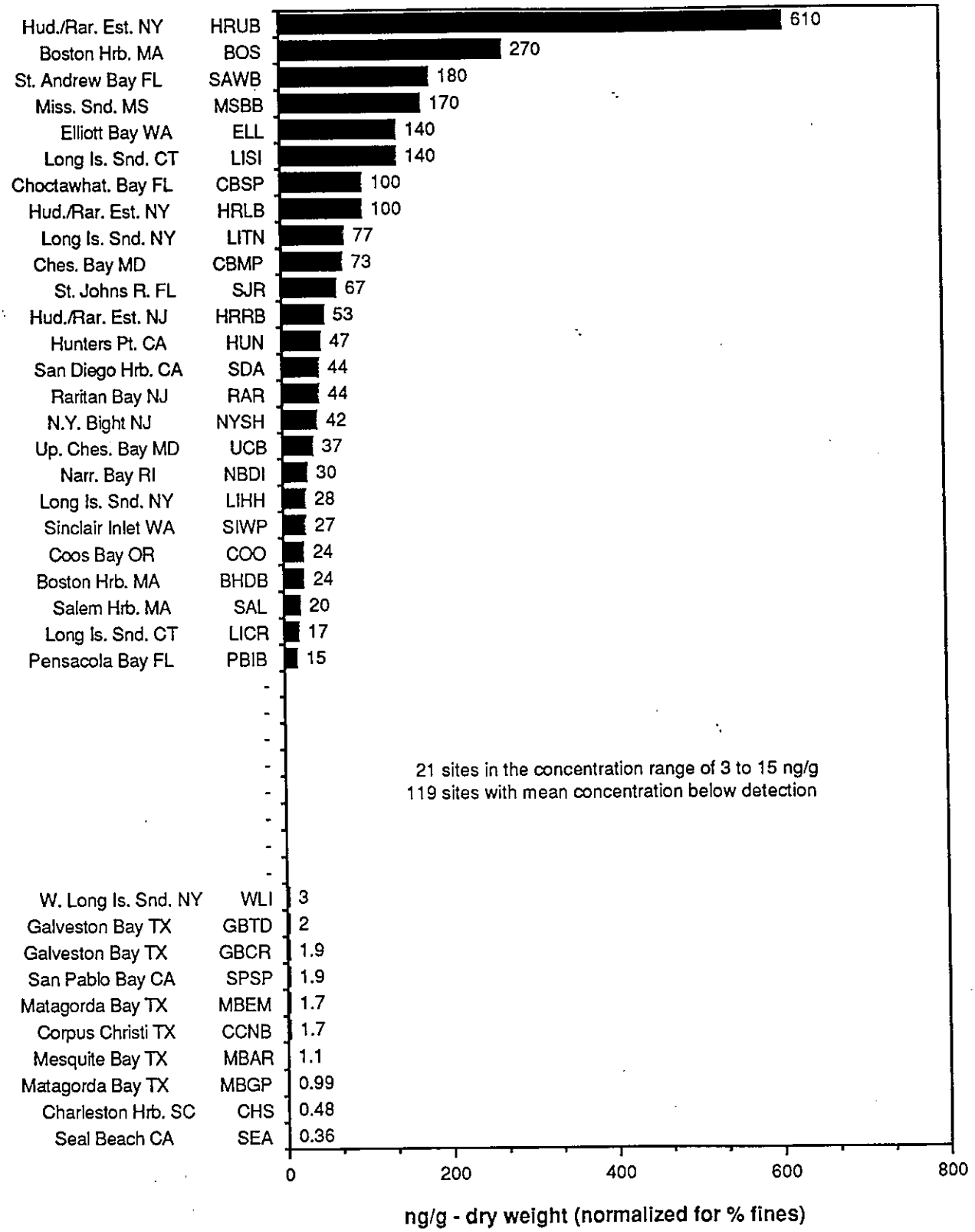
2-Methylnaphthalene in Sediments



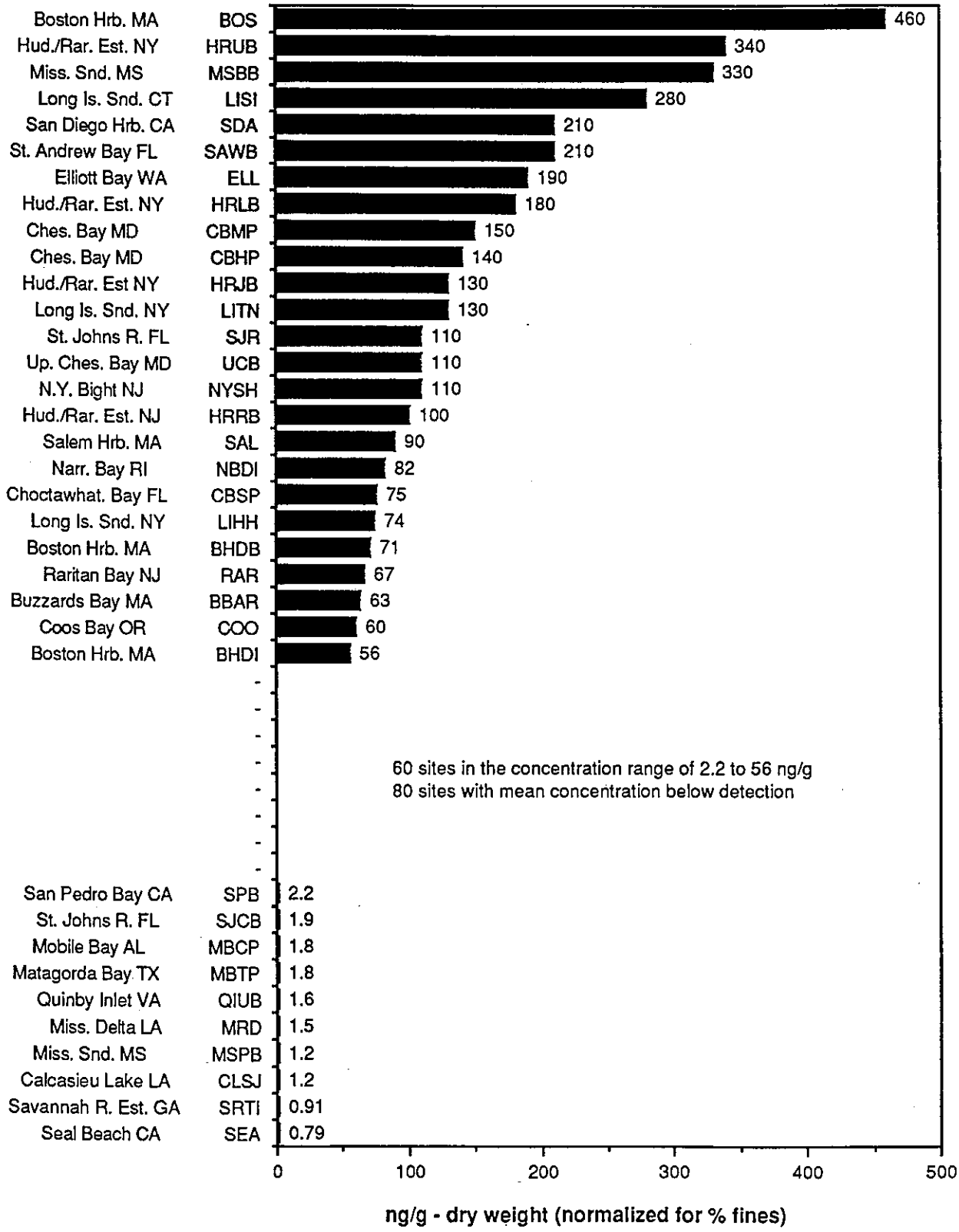
2,6 Dimethylnaphthalene in Sediments



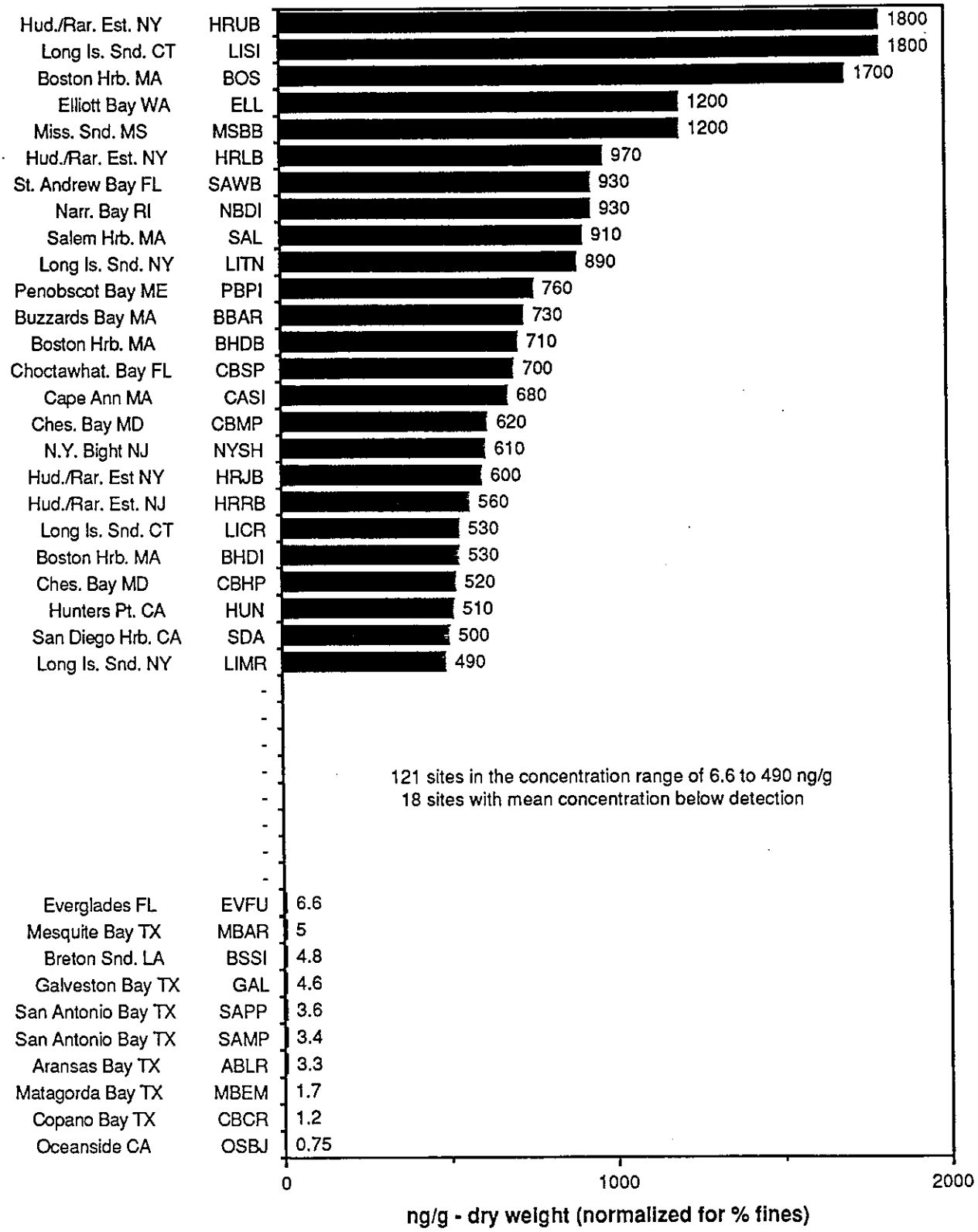
Acenaphthene in Sediments



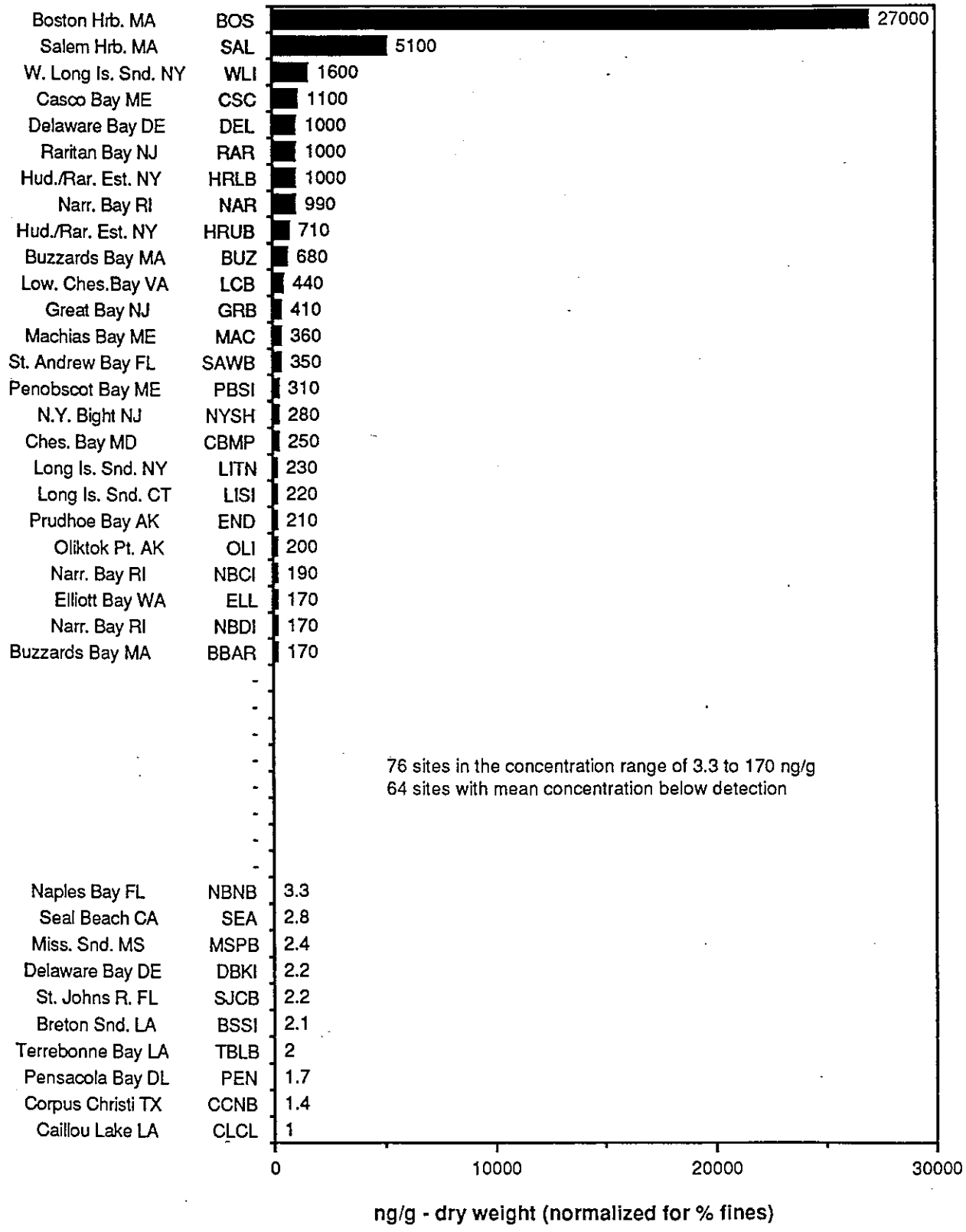
Fluorene in Sediments



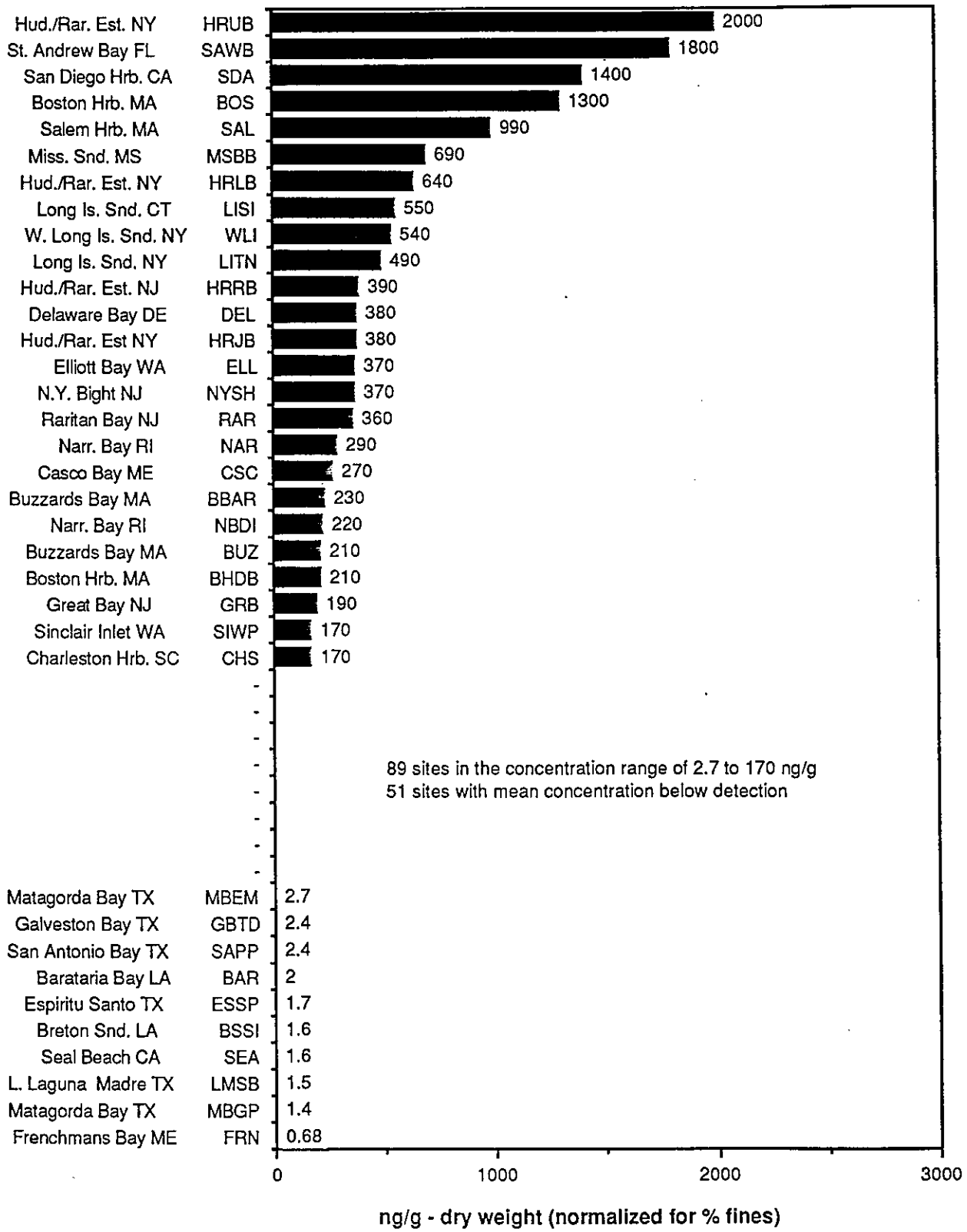
Phenanthrene in Sediments



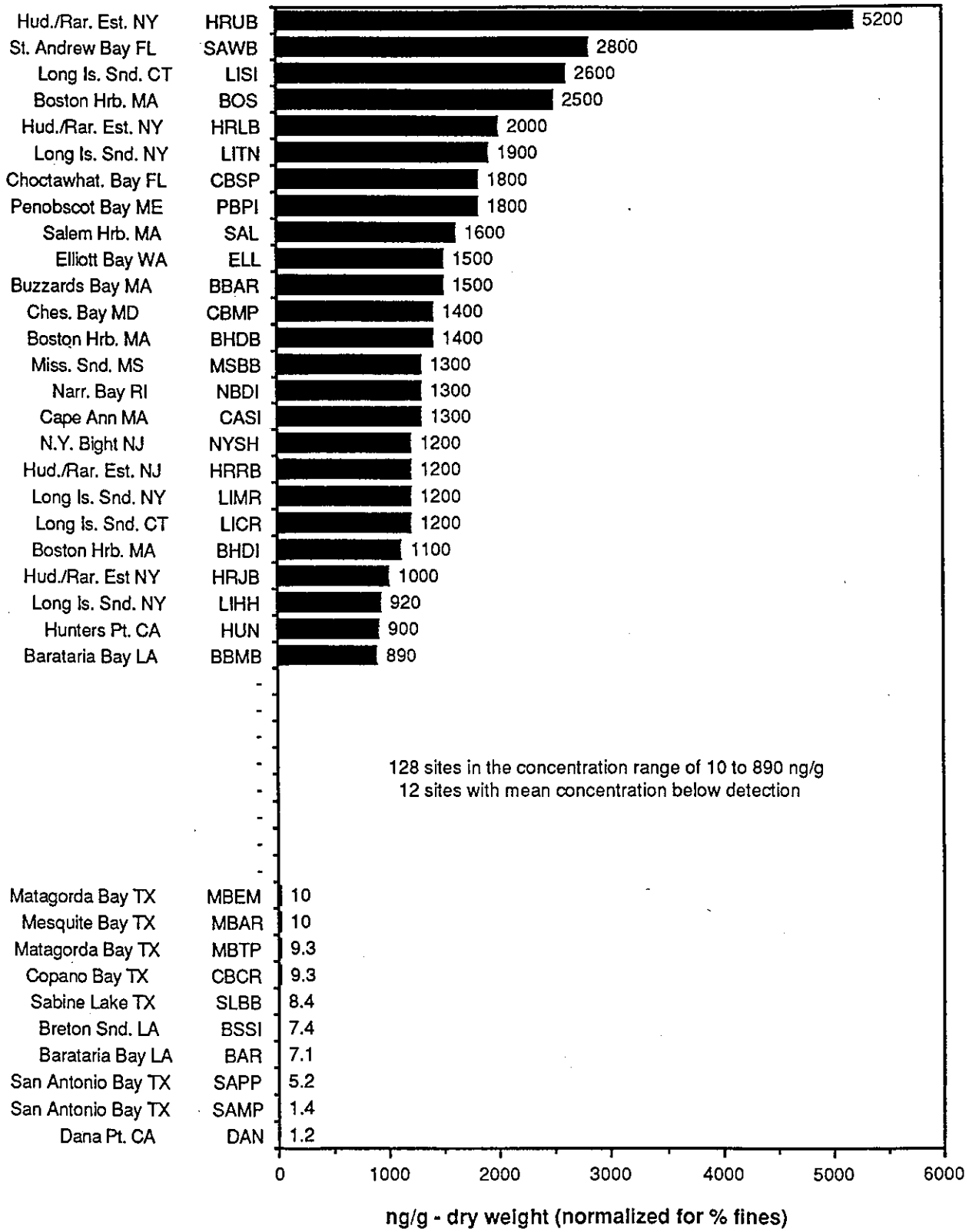
1-Methylphenanthrene in Sediments



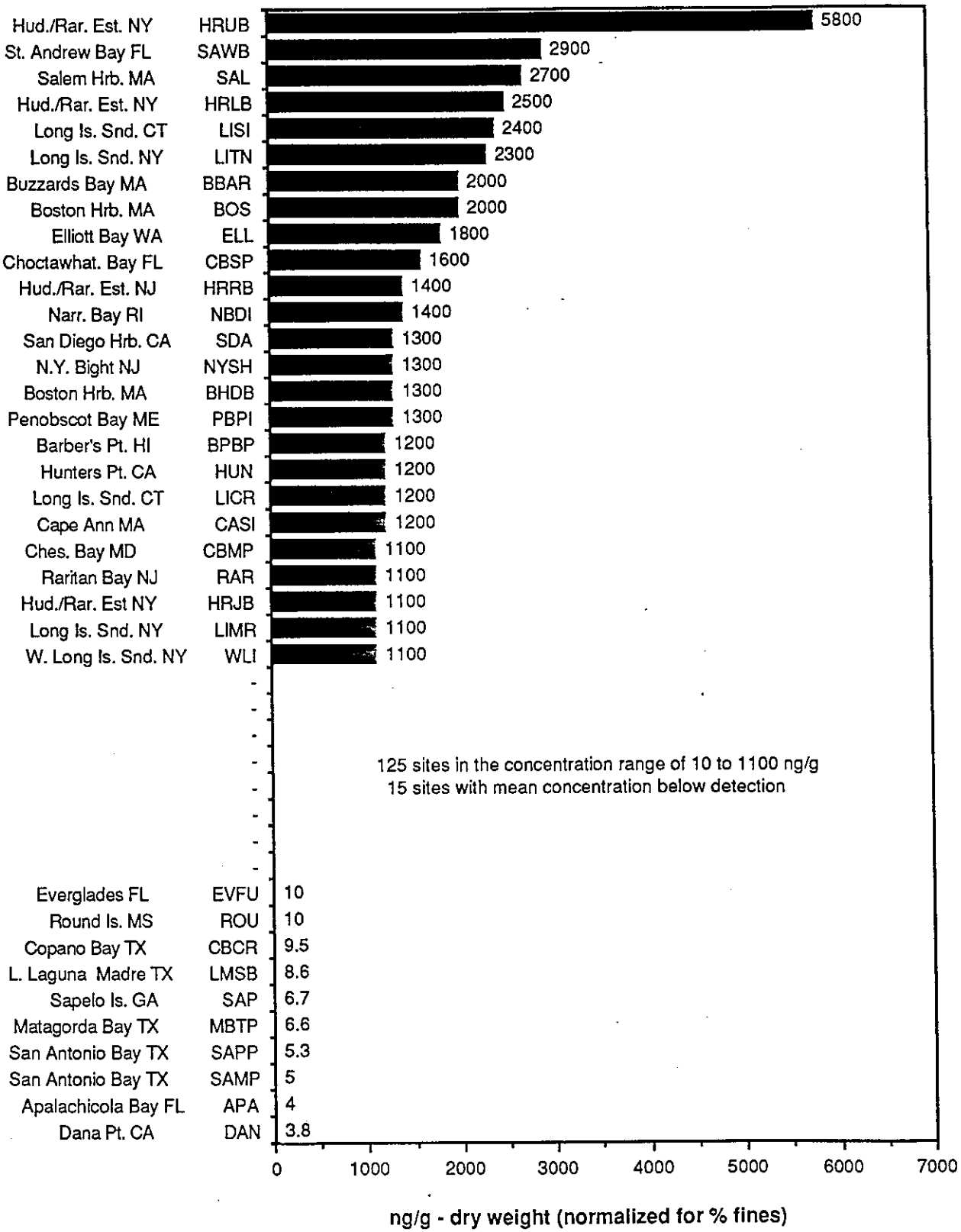
Anthracene in Sediments



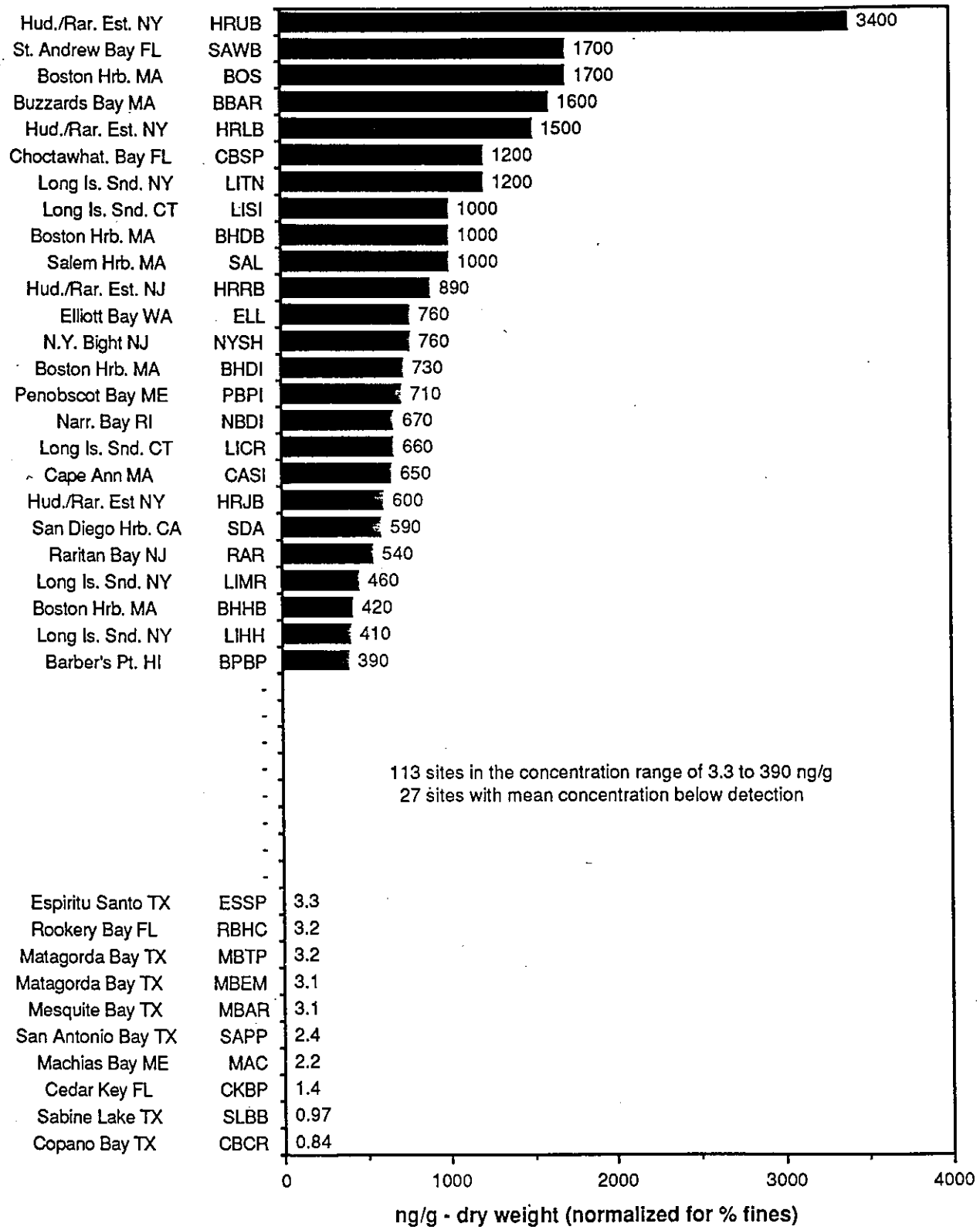
Fluoranthene in Sediments



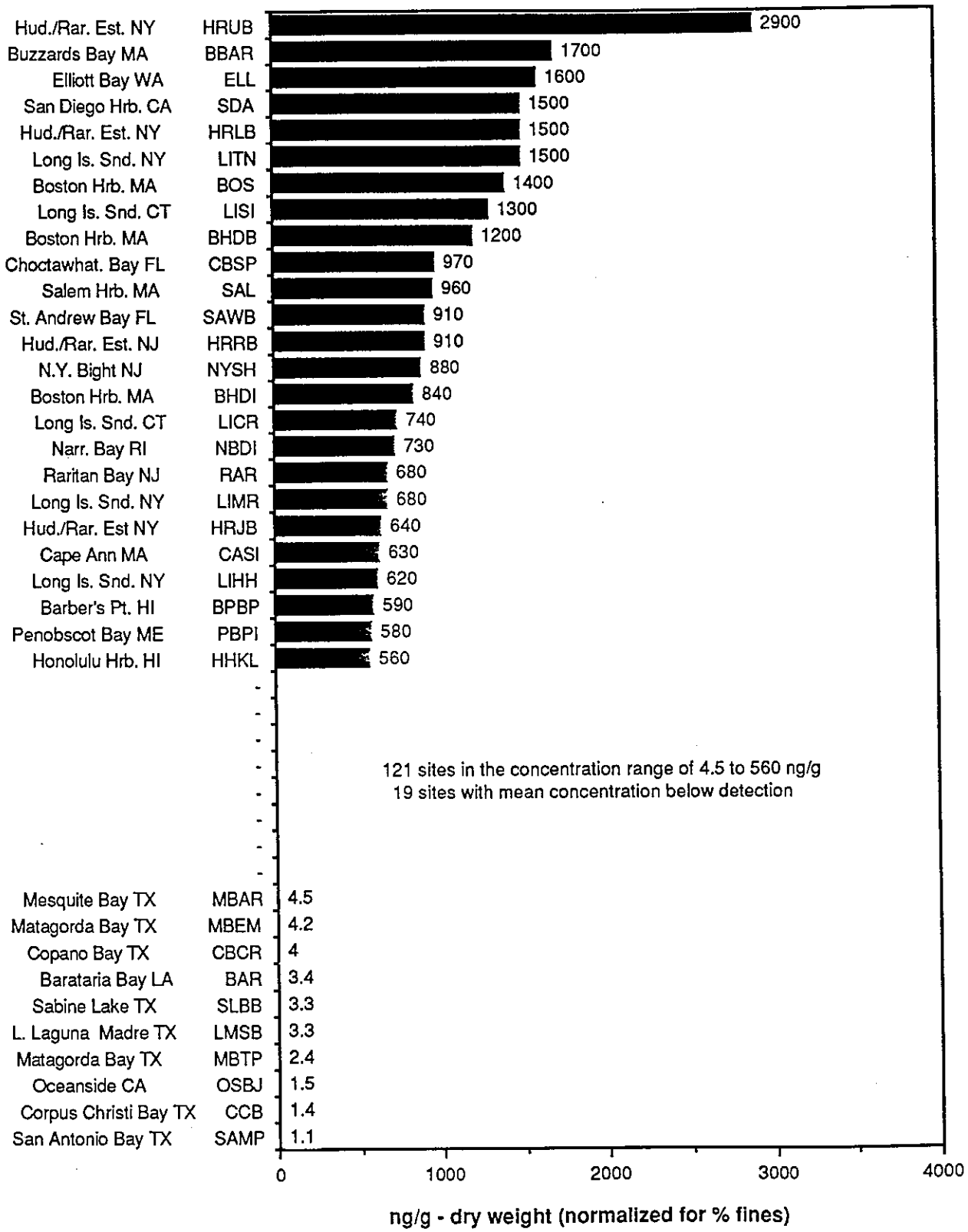
Pyrene in Sediments



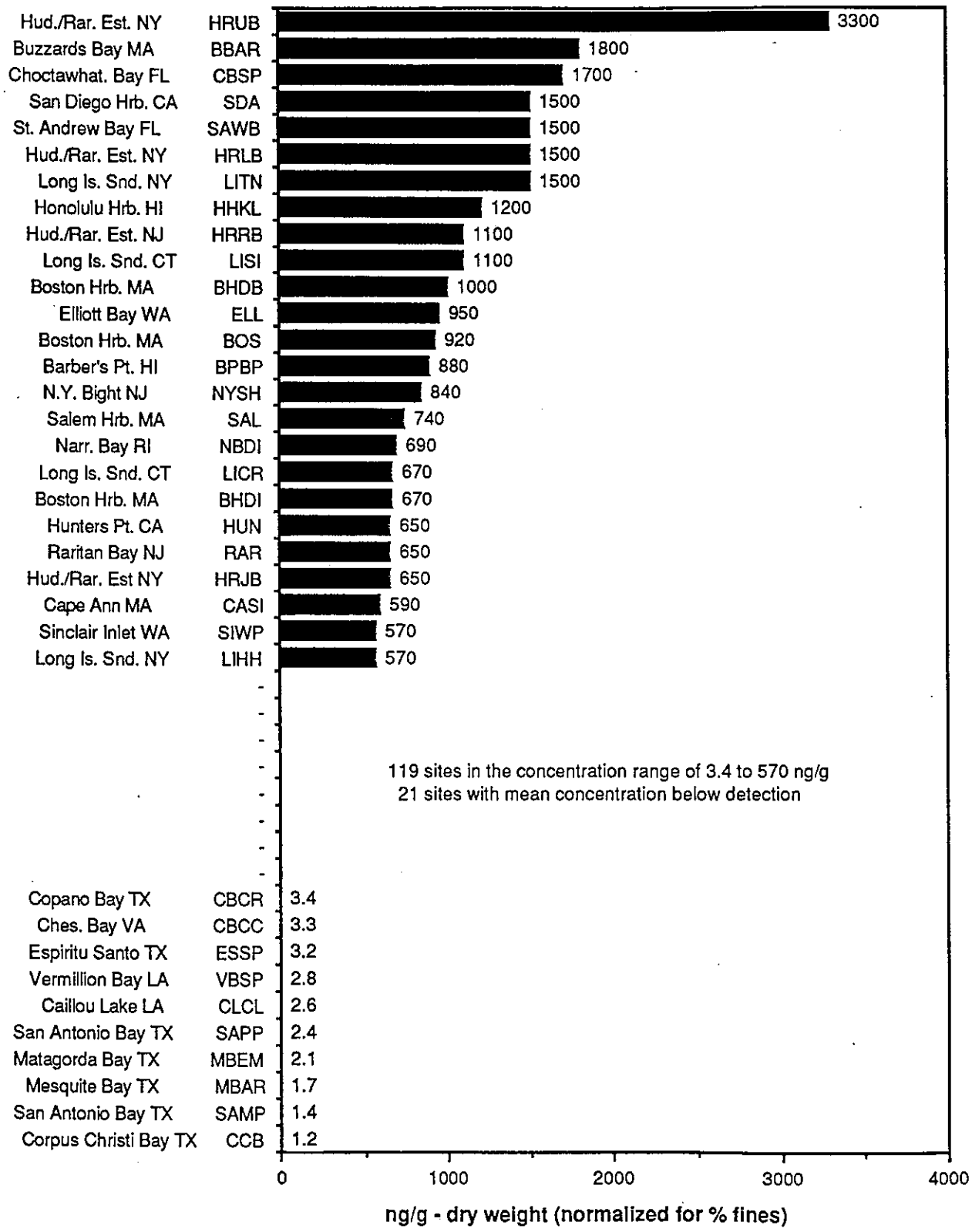
Benz(a)anthracene in Sediments



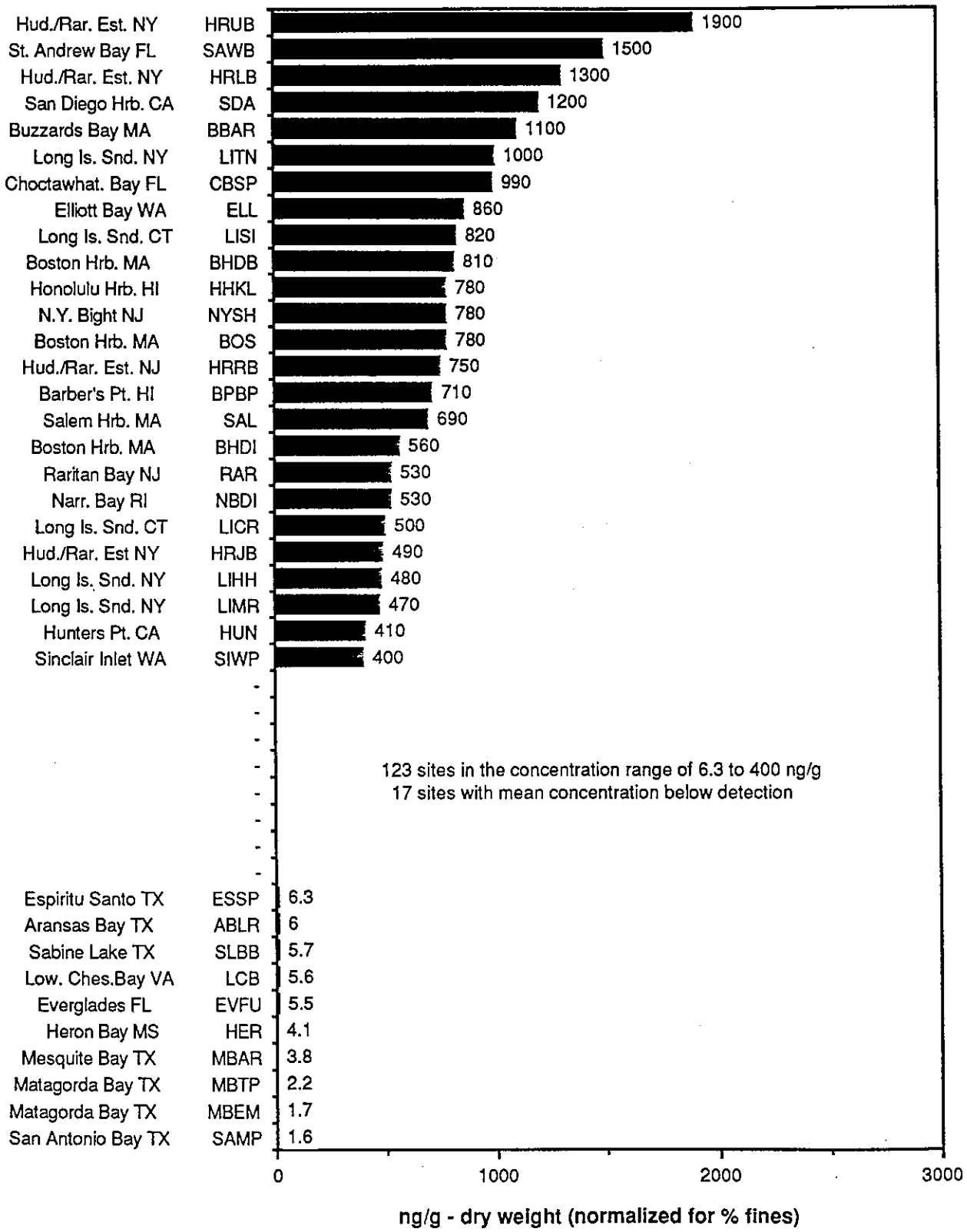
Chrysene in Sediments



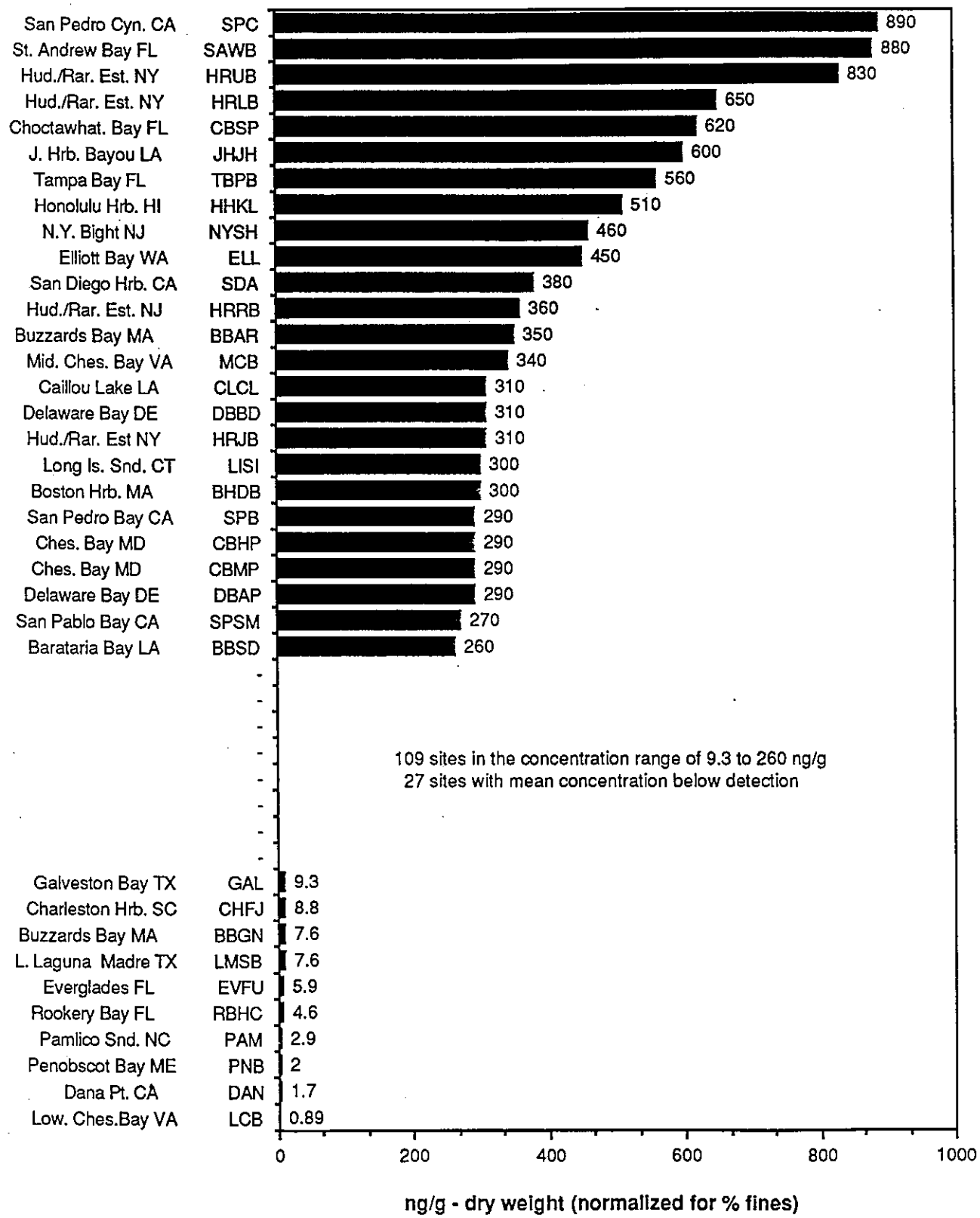
Benzo(a)pyrene in Sediments



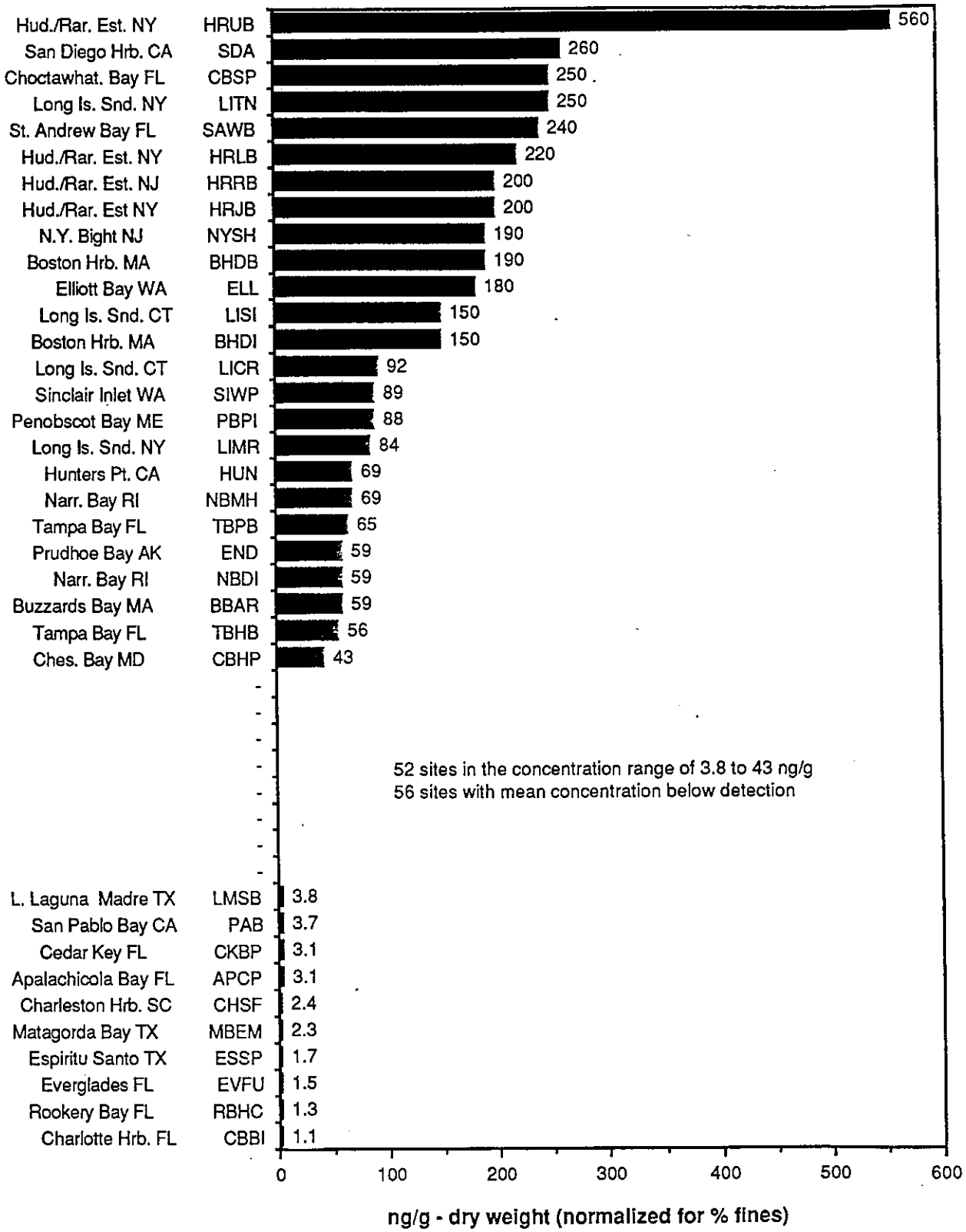
Benzo(e)pyrene in Sediments



Perylene in Sediments



Dibenz(a,h)anthracene in Sediments



APPENDIX B.

Summary Statistics for Individual Organic Compounds in Fine-Grained Sediments

APPENDIX B.

National Status and Trends Program

Summary Statistics for Individual Organic Compounds in Fine-Grained Sediments Collected in 1984 through 1987

All the concentrations in this appendix are normalized values. Raw concentrations from composite samples at a station (three stations per site per year) have been divided by the fraction of the total sediment in composites from that station which was fine-grained (<64 μ). Whenever that fraction was <0.2 the data were not used, but data from those sandy sediments are reported in Appendix C.

The first page in this appendix lists the values that have been considered to be outliers and have not been incorporated into the summary statistics.

Explanation of tables:

The column labeled "CODE" indicates site location more specifically than does the column labeled "SITE" and is keyed to the maps in NOAA(1988) showing site location.

The next eight columns are the mean concentration and coefficient of variation (c.v.%, standard deviation divided by mean) for each of four individual compounds.

A mean is listed as "nd" when the contaminant was not detected in any of the samples for the site. When at least one analysis yielded a quantifiable signal the "nd's" have been treated as zeros when calculating the summary statistics. When no analyses was made for a contaminant, its mean is listed as a triple dash (---). A single dash (-) appears for a c.v% whenever $n \leq 1$.

Table B.1.1: Average normalized concentrations, ng/g dry-wt, and coefficients of variation, per cent, for **o,p'-DDD**, **p,p'-DDD**, **o,p'-DDE** and **p,p'-DDE** in fine grain sediments at NS&T sites.

		o,p'-DDD		**p,p'-DDD**		**o,p'-DDE**		**p,p'-DDE**	
SITE	CODE	mean	c.v.%	mean	c.v.%	mean	c.v.%	mean	c.v.%
Machias Bay ME	MAC	1	173	nd	-	nd	-	nd	-
Frenchmans Bay ME	FRN	nd	-	nd	-	nd	-	nd	-
Penobscot Bay ME	PNB	.7	173	.2	173	nd	-	.2	173
Penobscot Bay ME	PBSI	1	175	1.8	110	nd	-	.8	94
Penobscot Bay ME	PBPI	2.3	173	nd	-	2.8	36	.9	107
Casco Bay ME	CSC	2.3	118	.8	163	nd	-	.8	133
Merrimac R. MA	MER	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Cape Ann MA	CASI	nd	-	6	11	nd	-	3.1	20
Salem Hrb. MA	SAL	14	75	19	83	nd	-	11	53
Boston Hrb. MA	BHDI	nd	-	19	20	nd	-	11	31
Boston Hrb. MA	BHDB	nd	-	33	36	3.7	137	22	15
Boston Hrb. MA	BHHB	nd	-	18	23	2.2	97	9.7	17
Boston Hrb. MA	BOS	7.2	29	12	33	nd	-	9.7	31
Buzzards Bay MA	BBRH	nd	-	nd	-	.6	245	3.9	61
Buzzards Bay MA	BBAR	nd	-	9.1	159	7.1	224	15	137
Buzzards Bay MA	BBGN	nd	-	.9	93	nd	-	2.2	27
Buzzards Bay MA	BUZ	nd	-	1	165	.1	283	1.7	115
Narr. Bay RI	NBMH	nd	-	5.6	14	nd	-	4.3	9
Narr. Bay RI	NBCI	1.5	245	5	119	.2	245	1.5	80
Narr. Bay RI	NBDI	nd	-	5.5	27	nd	-	3.4	28
Narr. Bay RI	NAR	.9	140	2.9	138	.2	265	4	81
Block Is. RI	BIBI	nd	-	2.3	87	nd	-	.8	173
E. Long Is. Snd. CT	ELI	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Long Is. Snd. CT	LICR	nd	-	16	32	.5	332	6.5	56
Long Is. Snd. CT	LINH	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Long Is. Snd. CT	LIHR	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Long Is. Snd. CT	LISI	.3	224	9	91	nd	-	3.9	34
W. Long Is. Snd. NY	WLI	1.5	99	2.7	43	.3	138	2.4	94
Long Is. Snd. NY	LIHU	.8	191	15	55	.1	346	6.8	24
Long Is. Snd. NY	LIPJ	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Long Is. Snd. NY	LIMR	8.7	227	14	39	nd	-	7.3	27
Long Is. Snd. NY	LIHH	.7	245	27	45	.3	245	12	22
Long Is. Snd. NY	LITN	nd	-	51	18	nd	-	21	34
Moriches Bay NY	MBTH	nd	-	17	94	nd	-	4.8	60
Hud./Rar. Est NY	HRJB	nd	-	44	13	nd	-	32	4
Hud./Rar. Est. NY	HRUB	nd	-	1.9	88	nd	-	6.4	93
Hud./Rar. Est. NY	HRLB	5.5	145	32	86	6.7	94	20	88
Hud./Rar. Est. NJ	HRRB	nd	-	39	4	nd	-	22	4
Raritan Bay NJ	RAR	8.6	26	20	26	nd	-	13	25
N.Y. Bight NJ	NYSH	nd	-	34	72	6.7	134	25	80
N.Y. Bight NJ	NYLB	nfgs	-	nfgs	-	nfgs	-	nfgs	-
N.Y. Bight NJ	NYSR	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Great Bay NJ	GRB	2.1	35	2.9	28	nd	-	2.7	38
Delaware Bay DE	DEL	.5	173	1.3	94	.8	173	4.4	5
Delaware Bay DE	DBFE	1.8	88	11	12	3.4	30	8.9	50
Delaware Bay DE	DBBD	nd	-	2.8	34	1.4	26	3.5	34
Delaware Bay DE	DBAP	3.4	106	6.4	90	3	107	6.2	143
Delaware Bay DE	DBKI	1.7	117	4.9	42	1.7	51	4.1	96
Up. Ches. Bay MD	UCB	1.5	65	1.9	18	nd	-	2.5	47
Ches. Bay MD	CBMP	.6	205	7.6	23	nd	-	4.3	19
Ches. Bay MD	CBHP	3.8	225	4.8	47	.3	245	3.4	32
Ches. Bay MD	CBHG	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Mid. Ches. Bay VA	MCB	nd	-	nd	-	nd	-	1.4	-
Ches. Bay VA	CBIB	nd	-	1.5	96	nd	-	.9	94
Ches. Bay VA	CBCC	nd	-	1.4	141	nd	-	.6	141
Ches. Bay VA	CBDP	nd	-	3.5	61	nd	-	2.3	34

Table B.1.1: (Continued)

SITE	CODE	o,p'-DDD mean	o,p'-DDD c.v.%	p,p'-DDD mean	p,p'-DDD c.v.%	o,p'-DDE mean	o,p'-DDE c.v.%	p,p'-DDE mean	p,p'-DDE c.v.%
Low. Ches.Bay VA	LCB	nd	-	.4	150	nd	-	2	56
Chincoteague Bay VA	CBCI	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Quinby Inlet VA	QIUB	nd	-	1	117	.3	245	1.5	131
Roanoke Snd. VA	RSJC	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Pamlico Snd. NC	PSWB	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Pamlico Snd. NC	PAM	.9	141	1	139	nd	-	.4	142
Cape Fear NC	CFBI	nd	-	1.5	143	nd	-	1.2	104
Charleston Hrb. SC	CHFJ	nd	-	nd	-	nd	-	.6	173
Charleston Hrb. SC	CHSF	nd	-	.4	224	nd	-	nd	-
Charleston Hrb. SC	CHS	1	124	1.4	137	.5	172	1.5	158
Savannah R. Est. GA	SRTI	nd	-	7.2	53	nd	-	.7	141
Sapelo Snd. GA	SSSI	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Sapelo Is. GA	SAP	1.6	206	1.5	245	2.7	164	nd	-
St. Johns R. FL	SJCB	nd	-	7.9	67	nd	-	2.5	66
St. Johns R. FL	SJR	2.1	124	4.1	76	nd	-	1.6	75
Matanzas R. FL	MRCB	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Biscayne Bay FL	BBPC	nd	-	2.2	111	nd	-	7.4	89
Everglades FL	EVFU	.1	200	.3	77	nd	-	.4	76
Rookery Bay FL	RBHC	.1	245	.4	180	0	245	.8	47
Naples Bay FL	NBNB	.2	179	1.5	117	nd	-	2.7	72
Charlotte Hrb. FL	CBBI	nd	-	1.2	43	nd	-	1	13
Charlotte Hrb. FL	LOT	nd	-	nd	-	nd	-	nd	-
Tampa Bay FL	TAM	nd	-	nd	-	nd	-	nd	-
Tampa Bay FL	TBMK	nd	-	nd	-	nd	-	6.6	7
Tampa Bay FL	TBCB	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Tampa Bay FL	TBHB	5.2	-	18	-	nd	-	10	-
Tampa Bay FL	TBPB	1.6	63	11	45	nd	-	24	45
Cedar Key FL	CKBP	.3	178	.5	69	nd	-	.6	71
Apalachicola Bay FL	APCP	.1	113	.7	49	nd	-	1.4	37
Apalachicola Bay FL	APDB	.1	175	1	62	nd	-	1.8	57
Apalachicola Bay FL	APA	nd	-	nd	-	2.3	104	nd	-
St. Andrew Bay FL	SAWB	12	104	37	116	3.6	245	26	109
Choctawhat. Bay FL	CBSP	320	79	1200	143	26	98	210	60
Choctawhat. Bay FL	CBSR	.3	166	4.7	97	.1	223	5.4	50
Pensacola Bay DL	PEN	nd	-	nd	-	nd	-	nd	-
Pensacola Bay FL	PBIB	.4	107	2.4	52	0	224	1.5	39
Mobile Bay AL	MBCP	2	33	3.7	55	3	38	5.9	41
Mobile Bay AL	MOB	.1	245	.1	245	1.9	31	1.3	62
Round Is. MS	ROU	nd	-	nd	-	.2	300	.2	226
Heron Bay MS	HER	nd	-	nd	-	nd	-	nd	-
Miss. Snd. MS	MSPB	.1	96	.9	45	.1	91	.8	40
Miss. Snd. MS	MSBB	.6	141	3.9	60	.1	71	3	4
Miss. Snd. MS	MSPC	.1	173	.5	16	nd	-	.3	19
Miss. Delta LA	MRD	.7	172	3.9	80	nd	-	1.2	97
Lake Borgne LA	LBMP	0	93	.5	54	nd	-	.2	47
Breton Snd. LA	BSBG	0	173	.3	47	nd	-	.1	93
Breton Snd. LA	BSSI	.1	98	.3	71	0	245	.1	130
Barataria Bay LA	BBSD	.2	100	1.1	25	0	245	.4	39
Barataria Bay LA	BBMB	.1	206	1.4	61	nd	-	.7	60
Barataria Bay LA	BAR	nd	-	nd	-	nd	-	nd	-
Terrebonne Bay LA	TBLF	.1	245	.8	92	.1	172	.2	68
Terrebonne Bay LA	TBLB	.3	33	.8	47	0	173	.5	46
Caillou Lake LA	CLCL	.1	130	.6	44	0	245	.4	59
Atchafalaya Bay LA	ABOB	.4	37	2	53	nd	-	1.6	54
Vermillion Bay LA	VBSP	.1	96	1	133	0	173	.4	141
J. Hrb. Bayou LA	JHJH	.2	93	1.3	48	0	155	.9	43

Table B.1.1: (Continued)

SITE	CODE	o,p'-DDD mean	o,p'-DDD c.v.%	p,p'-DDD mean	p,p'-DDD c.v.%	o,p'-DDE mean	o,p'-DDE c.v.%	p,p'-DDE mean	p,p'-DDE c.v.%
Calcasieu Lake LA	CLSJ	.1	110	.5	43	0	245	.4	33
Sabine Lake TX	SLBB	.1	216	.1	167	nd	-	.1	116
E. Cote Blanche LA	ECSP	.4	102	3.2	33	.1	60	1.7	28
Galveston Bay TX	GBHR	nd	-	.1	157	nd	-	.3	86
Galveston Bay TX	GBYC	.4	83	1.5	41	0	245	1.5	112
Galveston Bay TX	GBTD	.2	76	.8	60	0	245	.4	18
Galveston Bay TX	GBCR	nd	-	.2	142	nd	-	.2	69
Galveston Bay TX	GAL	nd	-	nd	-	nd	-	nd	-
Matagorda Bay TX	MBEM	nd	-	nd	-	nd	-	.2	130
Matagorda Bay TX	MBTP	0	100	.6	79	nd	-	2.2	80
Matagorda Bay TX	MBGP	.1	77	.5	54	0	245	1.8	67
Matagorda Bay TX	MBLR	0	147	.1	97	nd	-	.5	66
Espiritu Santo TX	ESSP	0	245	.1	118	nd	-	.2	51
Espiritu Santo TX	ESBD	nd	-	.3	141	nd	-	1.1	115
San Antonio Bay TX	SAMP	0	218	.1	130	0	194	.3	33
San Antonio Bay TX	SAPP	0	224	0	224	nd	-	.1	142
San Antonio Bay TX	SAB	nd	-	nd	-	nd	-	nd	-
Mesquite Bay TX	MBAR	.1	156	.2	103	.1	245	.3	81
Copano Bay TX	CBCR	nd	-	0	156	nd	-	1	49
Aransas Bay TX	ABLR	nd	-	.1	125	nd	-	.2	103
Corpus Christi TX	CCIC	nd	-	nd	-	nd	-	0	200
Corpus Christi TX	CCNB	.1	204	.2	133	0	245	.4	21
Corpus Christi Bay TX	CCB	nd	-	nd	-	nd	-	nd	-
L. Laguna Madre TX	LMSB	0	165	.1	134	nd	-	.2	115
L. Laguna Madre TX	LLM	nd	-	nd	-	nd	-	nd	-
Imperial Beach CA	IBIB	nfgs	-	nfgs	-	nfgs	-	nfgs	-
San Diego Bay CA	SDF	.2	141	1.6	49	nd	-	4	6
San Diego Bay CA	SDHI	nd	-	15	99	.7	245	12	82
San Diego Hrb. CA	SDA	2.3	93	5.8	88	nd	-	5.7	59
Pt. Loma CA	PLLH	.4	200	6	67	nd	-	41	61
Mission Bay CA	MBVB	nfgs	-	nfgs	-	nfgs	-	nfgs	-
La Jolla CA	LJLJ	.5	121	2.5	31	.7	173	11	70
Oceanside CA	OSBJ	2.6	46	16	67	2.7	85	32	71
Dana Pt. CA	DAN	nd	-	.4	179	0	245	1.5	51
Newport Bch. CA	NBBC	1.4	13	6	37	3.3	21	35	50
Anaheim Bay CA	ABWJ	1.2	99	6	42	4.5	23	30	23
Seal Beach CA	SEA	1.1	107	5.7	82	3.6	63	27	69
Long Beach CA	LNB	7.6	41	42	44	18	74	110	50
San Pedro Bay CA	SPB	12	13	38	56	61	34	390	54
San Pedro Cyn. CA	SPC	52	2	190	6	330	19	2300	34
San Pedro Hrb. CA	SPFP	19	124	81	108	100	121	570	109
Palos Verdes CA	PVRP	230	66	1200	75	860	68	2700	101
S. Catalina Is. CA	SCBR	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Santa Monica Bay CA	SMB	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Santa Monica Basin CA	SMD	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Marina Del Ray CA	MDSJ	8.4	80	27	68	27	77	130	76
Pt. Dume CA	PDPD	7.2	67	32	48	23	32	200	43
Pt. S. Barbara CA	SBSB	5	38	19	45	3.9	96	48	33
Pt. Conception CA	PCPC	nfgs	-	nfgs	-	nfgs	-	nfgs	-
San Luis Ob. Bay CA	SLSL	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Pacific Grove CA	PGLP	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Monterey Bay CA	MBSC	4.3	-	7.1	-	.5	-	23	-
Monterey Bay CA	MON	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Southamp. Shl. CA	SHS	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Oakland Est. CA	OAK	1.1	7	3	58	nd	-	1.5	44
Oakland Est. CA	OEIH	2	173	62	12	nd	-	22	19

Table B.1.1: (Continued)

SITE	CODE	o,p'-DDD mean	o,p'-DDD c.v.%	p,p'-DDD mean	p,p'-DDD c.v.%	o,p'-DDE mean	o,p'-DDE c.v.%	p,p'-DDE mean	p,p'-DDE c.v.%
Hunters Pt. CA	HUN	.8	56	3.1	32	nd	-	.5	51
San Fran. Bay CA	SFDB	nd	-	9	66	nd	-	5.2	43
San Fran. Bay CA	SFSM	1	131	3.6	34	nd	-	3.1	38
San Fran. Bay CA	SFEM	2	61	17	32	nd	-	5.5	27
San Pablo Bay CA	PAB	.1	245	1.5	35	nd	-	1.2	48
San Pablo Bay CA	SPSM	4	84	24	80	.3	110	11	78
San Pablo Bay CA	SPSP	.9	42	6.7	26	nd	-	4.2	16
Tomales Bay CA	TBSR	.1	118	.8	59	nd	-	.9	59
Bodega Bay CA	BBBE	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Bodega Bay CA	BOD	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Humboldt Bay CA	HMBJ	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Humboldt Bay CA	HMB	-	-	-	-	-	-	-	-
Pt. St. George OR	SGSG	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Coos Bay OR	COO	nd	-	nd	-	.2	173	nd	-
Coos Bay OR	CBCH	-	-	-	-	-	-	-	-
Coos Bay OR	CBRP	nd	-	1.4	88	nd	-	.7	103
Yaquina Bay OR	YBOP	nd	-	1.2	88	nd	-	.9	75
Yaquina Head OR	YHSS	nd	-	3.1	147	nd	-	2.2	112
Tillamook Bay OR	TBHP	nd	-	1.7	21	nd	-	.8	21
Columbia R. OR	CRYB	2.2	114	8	55	nd	-	4.6	45
Columbia R. OR	COL	nd	-	nd	-	nd	-	nd	-
Gray's Hrb. WA	GHWJ	nfgs	-	nfgs	-	nfgs	-	nfgs	-
S. Juan de Fuca WA	JFNB	nd	-	2	28	nd	-	1.9	25
South Puget Snd. WA	SSBI	.6	119	2.5	74	nd	-	1.5	35
Nisqually Rch. WA	NIS	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Comm. Bay WA	COM	1.8	163	1.5	180	.4	245	.6	184
Comm. Bay WA	CBBP	nd	-	2.3	91	nd	-	1.2	30
Elliott Bay WA	EBFR	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Elliott Bay WA	ELL	6.1	61	11	41	nd	-	1.7	60
Sinclair Inlet WA	SIWP	nd	-	4.3	34	nd	-	1.6	88
Whidbey Is. WA	WIPP	nd	-	3.4	71	nd	-	3.3	91
Bellingham Bay WA	BBSM	.6	204	1.8	74	.2	165	1.1	74
Pt. Roberts WA	PRPR	nd	-	1.1	32	nd	-	1	37
Lutak Inlet AK	LUT	nd	-	nd	-	nd	-	nd	-
Nahku Bay AK	NAH	nd	-	nd	-	nd	-	nd	-
Unakwit Inlet AK	UISB	nd	-	.4	88	nd	-	.5	173
Port Valdez AK	PVMC	nd	-	.3	17	nd	-	.3	57
Oliktok Pt. AK	OLI	nd	-	nd	-	nd	-	nd	-
Prudhoe Bay AK	END	nd	-	nd	-	nd	-	nd	-
Barber's Pt. HI	BPBP	nd	-	3	110	nd	-	2	102
Honolulu Hrb. HI	HHKL	nd	-	1.3	81	nd	-	1.1	80

Table B.1.2: Average normalized concentrations, ng/g dry-wt, and coefficients of variation, per cent, for **o,p'-DDT**, **p,p'-DDT** and total DDT [**tDDT**] in fine grain sediments at NS&T sites.

		o,p'-DDT		**p,p'-DDT**		**tDDT**	
SITE	CODE	mean	c.v.%	mean	c.v.%	mean	c.v.%
Machias Bay ME	MAC	.1	173	.2	26	1.3	125
Frenchmans Bay ME	FRN	nd	-	nd	-	nd	-
Penobscot Bay ME	PNB	nd	-	.1	173	1.2	90
Penobscot Bay ME	PBSI	nd	-	1.3	87	4.8	86
Penobscot Bay ME	PBPI	1.3	173	nd	-	7.2	111
Casco Bay ME	CSC	nd	-	.4	70	4.3	102
Merrimac R. MA	MER	nfgs	-	nfgs	-	nfgs	-
Cape Ann MA	CASI	nd	-	3.1	87	12	29
Salem Hrb. MA	SAL	nd	-	3	120	48	67
Boston Hrb. MA	BHDI	nd	-	6.2	70	37	17
Boston Hrb. MA	BHDB	nd	-	3.5	137	62	25
Boston Hrb. MA	BHHB	nd	-	4	91	34	23
Boston Hrb. MA	BOS	.2	245	3.6	82	33	34
Buzzards Bay MA	BBRH	.3	245	nd	-	4.7	54
Buzzards Bay MA	BBAR	nd	-	nd	-	31	120
Buzzards Bay MA	BBGN	nd	-	nd	-	3.1	23
Buzzards Bay MA	BUZ	.2	190	1.1	243	4.1	100
Narr. Bay RI	NBMH	nd	-	1.3	20	11	11
Narr. Bay RI	NBCI	nd	-	.8	119	9	113
Narr. Bay RI	NBDI	nd	-	2.5	109	11	10
Narr. Bay RI	NAR	.1	265	nd	-	8	81
Block Is. RI	BIBI	nd	-	nd	-	3.1	97
E. Long Is. Snd. CT	ELI	nfgs	-	nfgs	-	nfgs	-
Long Is. Snd. CT	LICR	.5	226	7.9	51	31	33
Long Is. Snd. CT	LINH	nfgs	-	nfgs	-	nfgs	-
Long Is. Snd. CT	LIHR	nfgs	-	nfgs	-	nfgs	-
Long Is. Snd. CT	LISI	nd	-	.4	224	14	68
W. Long Is. Snd. NY	WLI	nd	-	.6	55	7.4	58
Long Is. Snd. NY	LIHU	nd	-	4.4	197	27	54
Long Is. Snd. NY	LIPJ	nfgs	-	nfgs	-	nfgs	-
Long Is. Snd. NY	LIMR	nd	-	3.4	94	33	85
Long Is. Snd. NY	LIHH	nd	-	6.2	64	46	37
Long Is. Snd. NY	LITN	nd	-	7.1	95	80	18
Moriches Bay NY	MBTH	nd	-	25	97	47	87
Hud./Rar. Est NY	HRJB	nd	-	12	7	88	4
Hud./Rar. Est. NY	HRUB	nd	-	4.3	46	13	50
Hud./Rar. Est. NY	HRLB	nd	-	18	116	82	79
Hud./Rar. Est. NJ	HRRB	nd	-	3.6	110	65	4
Raritan Bay NJ	RAR	7.8	126	2.9	185	52	28
N.Y. Bight NJ	NYSH	2.8	245	3.5	64	71	50
N.Y. Bight NJ	NYLB	nfgs	-	nfgs	-	nfgs	-
N.Y. Bight NJ	NYSR	nfgs	-	nfgs	-	nfgs	-
Great Bay NJ	GRB	1.8	37	.3	38	9.8	31
Delaware Bay DE	DEL	nd	-	.9	134	7.9	20
Delaware Bay DE	DBFE	nd	-	17	111	42	53
Delaware Bay DE	DBBD	nd	-	1.4	173	9.2	37
Delaware Bay DE	DBAP	.2	245	1.9	101	21	95
Delaware Bay DE	DBKI	nd	-	.5	245	13	46
Up. Ches. Bay MD	UCB	.1	173	.8	67	6.8	25
Ches. Bay MD	CBMP	nd	-	1.3	112	14	22
Ches. Bay MD	CBHP	.3	245	1.5	245	14	85
Ches. Bay MD	CBHG	nfgs	-	nfgs	-	nfgs	-
Mid. Ches. Bay VA	MCB	nd	-	nd	-	1.4	-
Ches. Bay VA	CBIB	nd	-	.2	138	2.6	93
Ches. Bay VA	CBCC	nd	-	.4	141	2.4	141
Ches. Bay VA	CBDP	nd	-	1.4	135	7.1	49

Table B.1.2: (Continued)

SITE	CODE	o,p'-DDT mean	o,p'-DDT c.v.%	p,p'-DDT mean	p,p'-DDT c.v.%	tDDT mean	tDDT c.v.%
Low. Ches.Bay VA	LCB	.5	224	.3	120	3.2	71
Chincoteague Bay VA	CBCI	nfgs	-	nfgs	-	nfgs	-
Quinby Inlet VA	QIUB	nd	-	.1	245	2.9	123
Roanoke Snd. VA	RSJC	nfgs	-	nfgs	-	nfgs	-
Pamlico Snd. NC	PSWB	nfgs	-	nfgs	-	nfgs	-
Pamlico Snd. NC	PAM	nd	-	nd	-	2.3	96
Cape Fear NC	CFBI	nd	-	nd	-	2.6	122
Charleston Hrb. SC	CHFJ	nd	-	nd	-	.6	173
Charleston Hrb. SC	CHSF	nd	-	nd	-	.4	224
Charleston Hrb. SC	CHS	nd	-	nd	-	4.4	134
Savannah R. Est. GA	SRTI	nd	-	.8	141	8.8	19
Sapelo Snd. GA	SSSI	nfgs	-	nfgs	-	nfgs	-
Sapelo Is. GA	SAP	nd	-	1.9	156	7.6	177
St. Johns R. FL	SJCB	nd	-	.8	224	11	58
St. Johns R. FL	SJR	nd	-	.2	200	8	70
Matanzas R. FL	MRCB	nfgs	-	nfgs	-	nfgs	-
Biscayne Bay FL	BBPC	nd	-	nd	-	9.6	94
Everglades FL	EVFU	nd	-	.1	116	.8	73
Rookery Bay FL	RBHC	.1	245	.3	122	1.6	63
Naples Bay FL	NBNB	0	200	0	200	4.5	53
Charlotte Hrb. FL	CBBI	nd	-	nd	-	2.2	29
Charlotte Hrb. FL	LOT	nd	-	nd	-	nd	-
Tampa Bay FL	TAM	nd	-	nd	-	nd	-
Tampa Bay FL	TBMK	.9	141	.9	141	8.5	25
Tampa Bay FL	TBCB	nfgs	-	nfgs	-	nfgs	-
Tampa Bay FL	TBHB	.1	-	2.5	-	36	-
Tampa Bay FL	TBPB	3.4	142	4.5	97	45	56
Cedar Key FL	CKBP	0	224	.1	137	1.4	76
Apalachicola Bay FL	APCP	.1	151	.1	92	2.4	40
Apalachicola Bay FL	APDB	.1	195	.1	155	3.1	63
Apalachicola Bay FL	APA	nd	-	.4	245	2.7	79
St. Andrew Bay FL	SAWB	5.3	132	19	148	100	79
Choctawhat. Bay FL	CBSP	59	125	450	102	2200	96
Choctawhat. Bay FL	CBSR	.9	128	8.5	203	20	86
Pensacola Bay DL	PEN	nd	-	nd	-	nd	-
Pensacola Bay FL	PBIB	.3	165	1.7	88	6.4	36
Mobile Bay AL	MBCP	.2	149	.6	138	15	42
Mobile Bay AL	MOB	nd	-	nd	-	3.4	50
Round Is. MS	ROU	nd	-	.6	300	1	229
Heron Bay MS	HER	nd	-	nd	-	nd	-
Miss. Snd. MS	MSPB	.2	120	.2	72	2.4	45
Miss. Snd. MS	MSBB	.4	47	.4	49	8.5	45
Miss. Snd. MS	MSPC	.1	173	0	173	1	31
Miss. Delta LA	MRD	nd	-	nd	-	5.8	91
Lake Borgne LA	LBMP	0	245	0	143	.7	50
Breton Snd. LA	BSBG	.1	173	0	173	.5	38
Breton Snd. LA	BSSI	0	245	.1	46	.6	65
Barataria Bay LA	BBSD	0	245	.1	93	1.8	30
Barataria Bay LA	BBMB	nd	-	.2	135	2.4	65
Barataria Bay LA	BAR	nd	-	nd	-	nd	-
Terrebonne Bay LA	TBLF	.1	157	.4	159	1.7	95
Terrebonne Bay LA	TBLB	nd	-	.1	39	1.7	41
Caillou Lake LA	CLCL	0	245	.1	132	1.2	45
Atchafalaya Bay LA	ABOB	0	245	1	102	5	50
Vermillion Bay LA	VBSP	.1	173	.1	173	1.7	125
J. Hrb. Bayou LA	JHJH	0	139	.1	91	2.5	48

Table B.1.2: (Continued)

SITE	CODE	o,p'-DDT mean	o,p'-DDT c.v.%	p,p'-DDT mean	p,p'-DDT c.v.%	tDDT mean	tDDT c.v.%
Calcasieu Lake LA	CLSJ	nd	-	.1	166	1.2	39
Sabine Lake TX	SLBB	nd	-	0	166	.3	163
E. Cote Blanche LA	ECSP	.1	97	.4	46	5.8	30
Galveston Bay TX	GBHR	0	245	0	245	.4	72
Galveston Bay TX	GBYC	.2	177	.3	96	4	80
Galveston Bay TX	GBTD	.1	245	.1	92	1.6	59
Galveston Bay TX	GBCR	nd	-	0	245	.4	101
Galveston Bay TX	GAL	nd	-	nd	-	nd	-
Matagorda Bay TX	MBEM	nd	-	nd	-	.2	130
Matagorda Bay TX	MBTP	0	153	1	99	3.9	48
Matagorda Bay TX	MBGP	0	163	.2	58	2.6	49
Matagorda Bay TX	MBLR	0	224	0	137	.7	70
Espiritu Santo TX	ESSP	nd	-	0	113	.3	73
Espiritu Santo TX	ESBD	nd	-	nd	-	1.4	121
San Antonio Bay TX	SAMP	0	245	0	159	.5	54
San Antonio Bay TX	SAPP	nd	-	0	224	.1	146
San Antonio Bay TX	SAB	nd	-	nd	-	nd	-
Mesquite Bay TX	MBAR	0	245	.4	223	1	140
Copano Bay TX	CBCR	nd	-	0	179	1.1	48
Aransas Bay TX	ABLR	nd	-	0	116	.2	82
Corpus Christi TX	CCIC	nd	-	nd	-	0	200
Corpus Christi TX	CCNB	.1	167	.1	113	.9	66
Corpus Christi Bay TX	CCB	nd	-	nd	-	nd	-
L. Laguna Madre TX	LMSB	0	245	0	155	.4	125
L. Laguna Madre TX	LLM	nd	-	nd	-	nd	-
Imperial Beach CA	IBIB	nfgs	-	nfgs	-	nfgs	-
San Diego Bay CA	SDF	-	-	.3	141	6.2	3
San Diego Bay CA	SDHI	nd	-	2.4	224	30	89
San Diego Hrb. CA	SDA	-	-	.3	224	14	71
Pt. Loma CA	PLLH	.8	123	7.6	65	54	63
Mission Bay CA	MBVB	nfgs	-	nfgs	-	nfgs	-
La Jolla CA	LJLJ	nd	-	.7	90	16	62
Oceanside CA	OSBJ	.3	137	9.2	86	63	62
Dana Pt. CA	DAN	-	-	nd	-	1.9	60
Newport Bch. CA	NBBC	.8	171	2.9	101	50	45
Anaheim Bay CA	ABWJ	.1	155	1.1	49	43	22
Seal Beach CA	SEA	-	-	.4	173	38	73
Long Beach CA	LNB	-	-	4.3	26	190	47
San Pedro Bay CA	SPB	-	-	34	173	530	33
San Pedro Cyn. CA	SPC	-	-	68	111	2900	31
San Pedro Hrb. CA	SPFP	nd	-	7.3	82	780	110
Palos Verdes CA	PVRP	4.5	147	970	46	5900	76
S. Catalina Is. CA	SCBR	nfgs	-	nfgs	-	nfgs	-
Santa Monica Bay CA	SMB	nfgs	-	nfgs	-	nfgs	-
Santa Monica Basin CA	SMD	nfgs	-	nfgs	-	nfgs	-
Marina Del Ray CA	MDSJ	.6	113	4.2	84	190	72
Pt. Dume CA	PDPD	nd	-	4.3	77	270	43
Pt. S. Barbara CA	SBSB	.1	245	3.7	103	80	34
Pt. Conception CA	PCPC	nfgs	-	nfgs	-	nfgs	-
San Luis Ob. Bay CA	SLSL	nfgs	-	nfgs	-	nfgs	-
Pacific Grove CA	PGLP	nfgs	-	nfgs	-	nfgs	-
Monterey Bay CA	MBSC	2.1	-	6	-	43	-
Monterey Bay CA	MON	nfgs	-	nfgs	-	nfgs	-
Southamp. Shl. CA	SHS	nfgs	-	nfgs	-	nfgs	-
Oakland Est. CA	OAK	-	-	.4	173	5.9	41
Oakland Est. CA	OEIH	nd	-	11	45	94	15

Table B.1.2: (Continued)

SITE	CODE	o,p'-DDT mean	o,p'-DDT c.v.%	p,p'-DDT mean	p,p'-DDT c.v.%	tDDT mean	tDDT c.v.%
Hunters Pt. CA	HUN	-	-	.8	155	5.3	31
San Fran. Bay CA	SFDB	nd	-	3.4	127	16	46
San Fran. Bay CA	SFSM	.1	245	.4	176	8.1	38
San Fran. Bay CA	SFEM	.2	200	5	102	30	38
San Pablo Bay CA	PAB	-	-	.1	245	2.9	43
San Pablo Bay CA	SPSM	.3	119	5.6	77	45	62
San Pablo Bay CA	SPSP	.2	157	2	35	14	18
Tomales Bay CA	TBSR	nd	-	.1	245	1.9	52
Bodega Bay CA	BBBE	nfgs	-	nfgs	-	nfgs	-
Bodega Bay CA	BOD	nfgs	-	nfgs	-	nfgs	-
Humboldt Bay CA	HMBJ	nfgs	-	nfgs	-	nfgs	-
Humboldt Bay CA	HMB	-	-	-	-	-	-
Pt. St. George OR	SGSG	nfgs	-	nfgs	-	nfgs	-
Coos Bay OR	COO	-	-	nd	-	.2	173
Coos Bay OR	CBCH	-	-	-	-	-	-
Coos Bay OR	CBRP	nd	-	nd	-	2.1	66
Yaquina Bay OR	YBOP	nd	-	nd	-	2.1	80
Yaquina Head OR	YHSS	nd	-	nd	-	5.3	131
Tillamook Bay OR	TBHP	nd	-	nd	-	2.5	21
Columbia R. OR	CRYB	.7	200	6.5	71	22	54
Columbia R. OR	COL	-	-	nd	-	nd	-
Gray's Hrb. WA	GHWJ	nfgs	-	nfgs	-	nfgs	-
S. Juan de Fuca WA	JFNB	nd	-	nd	-	4	26
South Puget Snd. WA	SSBI	.8	245	4	222	9.4	128
Nisqually Rch. WA	NIS	nfgs	-	nfgs	-	nfgs	-
Comm. Bay WA	COM	-	-	nd	-	4.4	156
Comm. Bay WA	CBBP	nd	-	nd	-	3.5	66
Elliott Bay WA	EBFR	nfgs	-	nfgs	-	nfgs	-
Elliott Bay WA	ELL	-	-	.3	155	19	40
Sinclair Inlet WA	SIWP	.6	173	6.3	141	9.3	85
Whidbey Is. WA	WIPP	.4	173	2.6	134	9.7	97
Bellingham Bay WA	BBSM	nd	-	.9	206	4.6	96
Pt. Roberts WA	PRPR	nd	-	.3	245	2.4	30
Lutak Inlet AK	LUT	-	-	nd	-	nd	-
Nahku Bay AK	NAH	-	-	nd	-	nd	-
Unakwit Inlet AK	UISB	nd	-	nd	-	.9	48
Port Valdez AK	PVMC	.1	173	.2	173	.9	66
Oliktok Pt. AK	OLI	-	-	nd	-	nd	-
Prudhoe Bay AK	END	-	-	nd	-	nd	-
Barber's Pt. HI	BPBP	nd	-	nd	-	5	107
Honolulu Hrb. HI	HHKL	nd	-	nd	-	2.4	79

Table B.2.1: Average normalized concentrations, ng/g dry-wt, and coefficients of variation, per cent, for **Aldrin**, Alpha-Chlordane **[aChld]**, Trans-Nonachlor **[TNChl]** and **Dieldrin** in fine grain sediments at NS&T sites.

		Aldrin		**aChld**		**TNChl**		**Dieldrin**	
SITE	CODE	mean	c.v.%	mean	c.v.%	mean	c.v.%	mean	c.v.%
Machias Bay ME	MAC	.2	173	nd	-	nd	-	nd	-
Frenchmans Bay ME	FRN	nd	-	.2	95	nd	-	nd	-
Penobscot Bay ME	PNB	nd	-	.4	28	nd	-	nd	-
Penobscot Bay ME	PBSI	.1	245	.6	73	.3	115	.6	113
Penobscot Bay ME	PBPI	nd	-	1.7	15	1.9	59	.4	173
Casco Bay ME	CSC	1	200	1.3	98	nd	-	nd	-
Merrimac R. MA	MER	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Cape Ann MA	CASI	nd	-	2.1	13	.5	173	nd	-
Salem Hrb. MA	SAL	3.8	138	7.1	72	6.8	53	nd	-
Boston Hrb. MA	BHDI	nd	-	4.7	32	3.9	22	6.3	96
Boston Hrb. MA	BHDB	nd	-	3.7	96	3.1	46	18	18
Boston Hrb. MA	BHHB	nd	-	4.1	25	3.2	16	8	26
Boston Hrb. MA	BOS	5.1	77	13	.82	18	66	4.9	82
Buzzards Bay MA	BBRH	.9	125	.7	156	.3	156	4.3	56
Buzzards Bay MA	BBAR	nd	-	nd	-	nd	-	19	138
Buzzards Bay MA	BBGN	1.7	138	.4	224	.5	224	2.3	63
Buzzards Bay MA	BUZ	nd	-	nd	-	nd	-	.1	283
Narr. Bay RI	NBMH	nd	-	1	18	.8	8	3.1	12
Narr. Bay RI	NBCI	nd	-	1.1	71	.5	112	1	116
Narr. Bay RI	NBDI	.3	224	2.2	78	.8	94	2	63
Narr. Bay RI	NAR	4	70	2.9	58	2.2	78	2.7	92
Block Is. RI	BIBI	nd	-	nd	-	nd	-	.7	173
E. Long Is. Snd. CT	ELI	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Long Is. Snd. CT	LICR	nd	-	3.5	71	2.2	86	5	57
Long Is. Snd. CT	LINH	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Long Is. Snd. CT	LIHR	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Long Is. Snd. CT	LISI	nd	-	1.9	36	.8	62	2.2	71
W. Long Is. Snd. NY	WLI	.2	224	2.4	52	1.6	61	.2	224
Long Is. Snd. NY	LIHU	nd	-	2.4	76	1.6	79	1.8	115
Long Is. Snd. NY	LIPJ	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Long Is. Snd. NY	LIMR	nd	-	4.1	35	3	45	4.2	45
Long Is. Snd. NY	LIHH	nd	-	8.2	59	5.4	40	8	46
Long Is. Snd. NY	LITN	nd	-	8.4	24	6.2	27	7.5	78
Moriches Bay NY	MBTH	nd	-	2	28	1.3	60	1	152
Hud./Rar. Est NY	HRJB	1.1	141	15	10	8.2	6	13	12
Hud./Rar. Est. NY	HRUB	nd	-	1.5	88	1.6	83	3.2	86
Hud./Rar. Est. NY	HRLB	.4	93	8.5	42	6	32	9.4	42
Hud./Rar. Est. NJ	HRRB	nd	-	6	3	5.3	6	11	1
Raritan Bay NJ	RAR	3	117	5.6	41	4.6	28	2.6	50
N.Y. Bight NJ	NYSH	.6	204	6.2	37	6.7	45	11	44
N.Y. Bight NJ	NYLB	nfgs	-	nfgs	-	nfgs	-	nfgs	-
N.Y. Bight NJ	NYSR	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Great Bay NJ	GRB	2.3	19	.8	88	1	25	nd	-
Delaware Bay DE	DEL	.8	173	14	86	17	83	2.3	98
Delaware Bay DE	DBFE	nd	-	1.4	35	1.2	28	4.7	25
Delaware Bay DE	DBBD	nd	-	.4	97	nd	-	1	36
Delaware Bay DE	DBAP	nd	-	1.5	84	.6	159	1.8	88
Delaware Bay DE	DBKI	.2	245	.9	69	.8	107	1.2	95
Up. Ches. Bay MD	UCB	1.2	26	.9	18	1.1	36	nd	-
Ches. Bay MD	CBMP	nd	-	1.1	79	.5	114	1.1	129
Ches. Bay MD	CBHP	.8	245	1.8	78	.7	47	3.1	72
Ches. Bay MD	CBHG	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Mid. Ches. Bay VA	MCB	nd	-	.7	-	nd	-	nd	-
Ches. Bay VA	CBIB	1	224	.8	119	.1	224	.2	224
Ches. Bay VA	CBCC	nd	-	.6	141	.2	141	nd	-
Ches. Bay VA	CBDP	nd	-	1.2	88	nd	-	.5	200

Table B.2.1: (Continued)

SITE	CODE	Aldrin mean	Aldrin c.v.%	aChld mean	aChld c.v.%	TNChl mean	TNChl c.v.%	Dieldrin mean	Dieldrin c.v.%
Low. Ches.Bay VA	LCB	.5	116	.8	34	1	23	.2	224
Chincoteague Bay VA	CBCI	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Quinby Inlet VA	QIUB	nd	-	1.1	86	.2	245	1.3	127
Roanoke Snd. VA	RSJC	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Pamlico Snd. NC	PSWB	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Pamlico Snd. NC	PAM	nd	-	nd	-	nd	-	nd	-
Cape Fear NC	CFBI	nd	-	nd	-	nd	-	nd	-
Charleston Hrb. SC	CHFJ	nd	-	.5	173	nd	-	nd	-
Charleston Hrb. SC	CHSF	nd	-	nd	-	nd	-	nd	-
Charleston Hrb. SC	CHS	nd	-	nd	-	.1	245	nd	-
Savannah R. Est. GA	SRTI	1.3	141	2.6	68	1.6	19	.7	141
Sapelo Snd. GA	SSSI	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Sapelo Is. GA	SAP	nd	-	nd	-	nd	-	nd	-
St. Johns R. FL	SJCB	nd	-	1.3	62	1.2	70	1.9	74
St. Johns R. FL	SJR	nd	-	1.5	122	1	119	nd	-
Matanzas R. FL	MRCB	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Biscayne Bay FL	BBPC	nd	-	1.2	83	1.3	97	1.9	138
Everglades FL	EVFU	.1	200	.1	115	.1	92	.1	145
Rookery Bay FL	RBHC	nd	-	.9	85	.5	57	.1	137
Naples Bay FL	NBNB	nd	-	1.7	130	2	119	.9	96
Charlotte Hrb. FL	CBBI	nd	-	.5	67	.6	93	.5	90
Charlotte Hrb. FL	LOT	nd	-	nd	-	nd	-	nd	-
Tampa Bay FL	TAM	nd	-	nd	-	nd	-	nd	-
Tampa Bay FL	TBMK	.3	141	15	86	8	32	1.5	141
Tampa Bay FL	TBCB	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Tampa Bay FL	TBHB	nd	-	3.4	-	2	-	1.1	-
Tampa Bay FL	TBPB	.7	123	11	89	4.9	83	1.1	173
Cedar Key FL	CKBP	.1	150	1	131	.3	72	.2	128
Apalachicola Bay FL	APCP	0	173	.3	118	.1	105	0	173
Apalachicola Bay FL	APDB	0	224	.3	159	.1	100	.1	139
Apalachicola Bay FL	APA	nd	-	nd	-	nd	-	nd	-
St. Andrew Bay FL	SAWB	.4	166	5.8	111	5.1	129	2.6	157
Choctawhat. Bay FL	CBSP	.8	168	52	44	40	39	12	59
Choctawhat. Bay FL	CBSR	.2	103	.5	99	.4	122	.9	150
Pensacola Bay DL	PEN	nd	-	nd	-	nd	-	nd	-
Pensacola Bay FL	PBIB	0	245	.6	64	.5	70	.4	129
Mobile Bay AL	MBCP	nd	-	.2	91	.2	69	.7	89
Mobile Bay AL	MOB	nd	-	nd	-	nd	-	.2	245
Round Is. MS	ROU	nd	-	nd	-	.2	300	nd	-
Heron Bay MS	HER	nd	-	nd	-	nd	-	nd	-
Miss. Snd. MS	MSPB	0	245	.7	169	.2	19	.3	51
Miss. Snd. MS	MSBB	.5	110	1.9	16	.6	68	1.5	98
Miss. Snd. MS	MSPC	0	173	.1	66	.2	20	.4	4
Miss. Delta LA	MRD	nd	-	.6	165	.4	170	1.4	146
Lake Borgne LA	LBMP	nd	-	.1	74	.1	60	.2	60
Breton Snd. LA	BSBG	nd	-	0	100	nd	-	0	173
Breton Snd. LA	BSSI	0	245	.1	92	0	168	.1	66
Barataria Bay LA	BBSD	nd	-	.4	34	.1	57	.4	72
Barataria Bay LA	BBMB	0	245	.8	34	.4	61	.4	149
Barataria Bay LA	BAR	nd	-	nd	-	nd	-	nd	-
Terrebonne Bay LA	TBLF	0	245	.4	55	.2	74	.1	146
Terrebonne Bay LA	TBLB	nd	-	.5	40	.2	38	.1	173
Caillou Lake LA	CLCL	nd	-	.1	116	.1	114	.1	160
Atchafalaya Bay LA	ABOB	0	227	.3	63	.2	60	.8	51
Vermillion Bay LA	VBSP	0	173	.1	173	nd	-	.3	101
J. Hrb. Bayou LA	JHJH	0	224	.5	141	.1	113	.5	56

Table B.2.1: (Continued)

SITE	CODE	Aldrin		aChld		TNChl		Dieldrin	
		mean	c.v.%	mean	c.v.%	mean	c.v.%	mean	c.v.%
Calcasieu Lake LA	CLSJ	nd	-	.2	35	.1	30	.4	36
Sabine Lake TX	SLBB	0	245	0	129	0	245	.1	134
E. Cote Blanche LA	ECSP	nd	-	.3	54	.2	36	.7	51
Galveston Bay TX	GBHR	nd	-	0	158	.1	165	.2	122
Galveston Bay TX	GBYC	nd	-	1.2	111	1	110	.7	50
Galveston Bay TX	GBTD	0	165	.3	50	.2	45	.5	34
Galveston Bay TX	GBCR	nd	-	.1	226	0	130	.1	183
Galveston Bay TX	GAL	nd	-	nd	-	nd	-	nd	-
Matagorda Bay TX	MBEM	nd	-	.1	197	0	224	.1	224
Matagorda Bay TX	MBTP	nd	-	.1	90	0	115	.1	119
Matagorda Bay TX	MBGP	nd	-	.1	101	.1	113	.1	120
Matagorda Bay TX	MBLR	nd	-	0	141	.1	118	0	224
Espiritu Santo TX	ESSP	.1	245	0	78	0	112	.1	94
Espiritu Santo TX	ESBD	nd	-	.1	141	.1	141	.1	141
San Antonio Bay TX	SAMP	0	245	0	120	.2	210	0	121
San Antonio Bay TX	SAPP	nd	-	0	200	0	200	nd	-
San Antonio Bay TX	SAB	nd	-	nd	-	nd	-	nd	-
Mesquite Bay TX	MBAR	0	245	.2	149	.1	80	.1	139
Copano Bay TX	CBCR	.1	245	.2	245	nd	-	nd	-
Aransas Bay TX	ABLR	nd	-	.2	223	0	245	0	245
Corpus Christi TX	CCIC	nd	-	0	200	nd	-	nd	-
Corpus Christi TX	CCNB	0	245	0	156	.1	78	nd	-
Corpus Christi Bay TX	CCB	nd	-	nd	-	nd	-	nd	-
L. Laguna Madre TX	LMSB	.1	245	0	165	0	245	0	175
L. Laguna Madre TX	LLM	nd	-	nd	-	nd	-	nd	-
Imperial Beach CA	IBIB	nfgs	-	nfgs	-	nfgs	-	nfgs	-
San Diego Bay CA	SDF	nd	-	nd	-	nd	-	nd	-
San Diego Bay CA	SDHI	3	80	.6	245	2.4	84	6.1	114
San Diego Hrb. CA	SDA	nd	-	5.6	39	5.1	39	nd	-
Pt. Loma CA	PLLH	.7	121	nd	-	.3	163	1.6	89
Mission Bay CA	MBVB	nfgs	-	nfgs	-	nfgs	-	nfgs	-
La Jolla CA	LJLJ	.7	57	nd	-	.4	42	.3	173
Oceanside CA	OSBJ	.3	207	.8	102	.6	72	.6	112
Dana Pt. CA	DAN	nd	-	nd	-	nd	-	nd	-
Newport Bch. CA	NBBC	.2	224	.5	65	.6	48	.4	224
Anaheim Bay CA	ABWJ	.2	168	1.6	50	1.3	19	.4	156
Seal Beach CA	SEA	nd	-	1.1	107	.7	88	nd	-
Long Beach CA	LNB	nd	-	8.9	35	7.8	28	1.8	106
San Pedro Bay CA	SPB	nd	-	nd	-	nd	-	nd	-
San Pedro Cyn. CA	SPC	nd	-	nd	-	nd	-	nd	-
San Pedro Hrb. CA	SPFP	nd	-	2.6	137	3.1	97	2.4	157
Palos Verdes CA	PVRP	nd	-	3	115	7.8	37	11	167
S. Catalina Is. CA	SCBR	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Santa Monica Bay CA	SMB	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Santa Monica Basin CA	SMD	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Marina Del Ray CA	MDSJ	.2	245	3.1	160	2.2	70	1.1	110
Pt. Dume CA	PDPD	.7	196	3.1	97	1.2	29	2.8	45
Pt. S. Barbara CA	SBSB	.4	135	2.4	94	1.3	76	1.2	129
Pt. Conception CA	PCPC	nfgs	-	nfgs	-	nfgs	-	nfgs	-
San Luis Ob. Bay CA	SLSL	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Pacific Grove CA	PGLP	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Monterey Bay CA	MBSC	nd	-	.4	-	.5	-	1.7	-
Monterey Bay CA	MON	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Southamp. Shl. CA	SHS	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Oakland Est. CA	OAK	nd	-	nd	-	nd	-	nd	-
Oakland Est. CA	OEIH	1	21	16	13	8.7	16	13	2

Table B.2.1: (Continued)

SITE	CODE	Aldrin mean	Aldrin c.v.%	aChld mean	aChld c.v.%	TNChl mean	TNChl c.v.%	Dieldrin mean	Dieldrin c.v.%
Hunters Pt. CA	HUN	nd	-	.2	110	nd	-	.3	110
San Fran. Bay CA	SFDB	.7	115	nd	-	1	52	3	35
San Fran. Bay CA	SFSM	nd	-	.2	160	.5	51	.9	110
San Fran. Bay CA	SFEM	.4	118	.3	117	.5	32	1.6	45
San Pablo Bay CA	PAB	nd	-	.1	245	0	245	.3	170
San Pablo Bay CA	SPSM	1.6	213	2.3	139	.8	117	3.4	94
San Pablo Bay CA	SPSP	.3	129	.6	35	.4	10	.9	36
Tomales Bay CA	TBSR	nd	-	nd	-	.1	135	.2	122
Bodega Bay CA	BBBE	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Bodega Bay CA	BOD	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Humboldt Bay CA	HMBJ	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Humboldt Bay CA	HMB	-	-	-	-	-	-	-	-
Pt. St. George OR	SGSG	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Coos Bay OR	COO	nd	-	nd	-	nd	-	nd	-
Coos Bay OR	CBCH	-	-	-	-	-	-	-	-
Coos Bay OR	CBRP	.7	224	.4	151	.1	224	.4	138
Yaquina Bay OR	YBOP	nd	-	.3	106	nd	-	nd	-
Yaquina Head OR	YHSS	2.8	212	.8	90	.3	196	1.9	149
Tillamook Bay OR	TBHP	.5	141	nd	-	nd	-	nd	-
Columbia R. OR	CRYB	.7	200	1.2	116	.8	83	1.4	113
Columbia R. OR	COL	nd	-	nd	-	nd	-	nd	-
Gray's Hrb. WA	GHWJ	nfgs	-	nfgs	-	nfgs	-	nfgs	-
S. Juan de Fuca WA	JFNB	4.2	87	nd	-	nd	-	.5	173
South Puget Snd. WA	SSBI	1	161	.2	245	.2	141	.2	162
Nisqually Rch. WA	NIS	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Comm. Bay WA	COM	nd	-	nd	-	.6	163	.4	245
Comm. Bay WA	CBBP	.2	245	nd	-	.3	113	.5	158
Elliott Bay WA	EBFR	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Elliott Bay WA	ELL	nd	-	.5	114	.2	182	nd	-
Sinclair Inlet WA	SIWP	nd	-	nd	-	.2	102	nd	-
Whidbey Is. WA	WIPP	nd	-	nd	-	.4	173	nd	-
Bellingham Bay WA	BBSM	.6	245	.3	164	.3	70	.1	245
Pt. Roberts WA	PRPR	.4	245	.3	118	.1	126	.4	113
Lutak Inlet AK	LUT	nd	-	nd	-	nd	-	nd	-
Nahku Bay AK	NAH	nd	-	nd	-	nd	-	nd	-
Unakwit Inlet AK	UISB	nd	-	nd	-	nd	-	nd	-
Port Valdez AK	PVMC	nd	-	.1	173	nd	-	nd	-
Oliktok Pt. AK	OLI	nd	-	nd	-	nd	-	nd	-
Prudhoe Bay AK	END	nd	-	nd	-	nd	-	nd	-
Barber's Pt. HI	BPBP	.1	186	nd	-	.5	157	nd	-
Honolulu Hrb. HI	HHKL	.4	245	.3	245	.2	245	.3	245

Table B.2.2: Average normalized concentrations, ng/g dry-wt, and coefficients of variation, per cent, for Heptachlor **[HpChl]**, Heptachlor epoxide **[HpChlEp]**, Hexachlorobenzene **[HxChlB]** and **Lindane** (gamma-BHC) in fine grain sediments at NS&T sites.

		HpChl		**HpChlEp**		**HxChlB**		**Lindane**	
SITE	CODE	mean	c.v.%	mean	c.v.%	mean	c.v.%	mean	c.v.%
Machias Bay ME	MAC	.2	173	nd	-	1	40	.8	70
Frenchmans Bay ME	FRN	.2	173	nd	-	1.1	10	.5	95
Penobscot Bay ME	PNB	nd	-	nd	-	1.7	32	nd	-
Penobscot Bay ME	PBSI	nd	-	nd	-	2	51	.4	158
Penobscot Bay ME	PBPI	nd	-	nd	-	nd	-	nd	-
Casco Bay ME	CSC	.4	200	nd	-	1.7	67	nd	-
Merrimac R. MA	MER	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Cape Ann MA	CASI	nd	-	.9	88	nd	-	nd	-
Salem Hrb. MA	SAL	nd	-	nd	-	4.5	80	6.4	161
Boston Hrb. MA	BHDI	nd	-	nd	-	1	56	.5	224
Boston Hrb. MA	BHDB	nd	-	3.2	17	.6	137	nd	-
Boston Hrb. MA	BHHB	nd	-	1	173	nd	-	nd	-
Boston Hrb. MA	BOS	.2	265	nd	-	1.7	104	2.9	107
Buzzards Bay MA	BBRH	nd	-	nd	-	1.4	221	.2	245
Buzzards Bay MA	BBAR	nd	-	1.5	94	nd	-	.1	224
Buzzards Bay MA	BBGN	.2	224	.1	224	.6	106	nd	-
Buzzards Bay MA	BUZ	nd	-	nd	-	.3	283	2.3	179
Narr. Bay RI	NBMH	nd	-	nd	-	nd	-	.3	103
Narr. Bay RI	NBCI	nd	-	nd	-	nd	-	.2	245
Narr. Bay RI	NBDI	nd	-	nd	-	.1	224	.6	224
Narr. Bay RI	NAR	.5	171	nd	-	1.9	73	.6	159
Block Is. RI	BIBI	nd	-	nd	-	1.9	173	nd	-
E. Long Is. Snd. CT	ELI	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Long Is. Snd. CT	LICR	nd	-	nd	-	.4	274	.5	205
Long Is. Snd. CT	LINH	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Long Is. Snd. CT	LIHR	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Long Is. Snd. CT	LISI	.1	224	.4	138	.1	224	1.5	81
W. Long Is. Snd. NY	WLI	nd	-	nd	-	.4	96	1.6	111
Long Is. Snd. NY	LIHU	.1	346	.1	346	.8	126	.3	200
Long Is. Snd. NY	LIPJ	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Long Is. Snd. NY	LIMR	.1	164	nd	-	1.4	103	1.2	130
Long Is. Snd. NY	LIHH	.6	111	.7	204	.6	91	2.6	30
Long Is. Snd. NY	LITN	.6	182	.2	247	2.1	86	.7	211
Moriches Bay NY	MBTH	.3	224	.6	113	1.1	111	3.2	126
Hud./Rar. Est NY	HRJB	nd	-	1.9	32	2.4	11	4.5	32
Hud./Rar. Est. NY	HRUB	.4	173	.4	173	.4	173	.2	173
Hud./Rar. Est. NY	HRLB	3.4	137	1	95	2.3	25	.6	97
Hud./Rar. Est. NJ	HRRB	1.6	19	nd	-	1.4	13	.7	14
Raritan Bay NJ	RAR	nd	-	nd	-	3	102	1.8	154
N.Y. Bight NJ	NYSH	.7	162	1.8	67	1.5	36	.5	189
N.Y. Bight NJ	NYLB	nfgs	-	nfgs	-	nfgs	-	nfgs	-
N.Y. Bight NJ	NYSR	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Great Bay NJ	GRB	nd	-	2.9	21	.9	19	.6	35
Delaware Bay DE	DEL	.6	173	nd	-	1.9	23	3	63
Delaware Bay DE	DBFE	nd	-	.6	173	nd	-	.3	173
Delaware Bay DE	DBBD	nd	-	nd	-	nd	-	.2	119
Delaware Bay DE	DBAP	nd	-	nd	-	.2	245	.8	112
Delaware Bay DE	DBKI	nd	-	nd	-	nd	-	.3	112
Up. Ches. Bay MD	UCB	nd	-	nd	-	1.6	58	.2	173
Ches. Bay MD	CBMP	.4	112	nd	-	.8	110	1.6	112
Ches. Bay MD	CBHP	.6	111	.1	245	.3	110	1.1	119
Ches. Bay MD	CBHG	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Mid. Ches. Bay VA	MCB	nd	-	nd	-	nd	-	nd	-
Ches. Bay VA	CBIB	.2	224	nd	-	.2	137	.2	141
Ches. Bay VA	CBCC	nd	-	nd	-	nd	-	nd	-
Ches. Bay VA	CBDP	.2	200	nd	-	.2	200	1.4	137

Table B.2.2: (Continued)

SITE	CODE	HpChl mean	HpChl c.v.%	HpChlEp mean	HpChlEp c.v.%	HxChlB mean	HxChlB c.v.%	Lindane mean	Lindane c.v.%
Low. Ches.Bay VA	LCB	.1	224	nd	-	1.2	55	1.6	66
Chincoteague Bay VA	CBCI	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Quinby Inlet VA	QIUB	nd	-	.2	245	.4	159	nd	-
Roanoke Snd. VA	RSJC	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Pamlico Snd. NC	PSWB	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Pamlico Snd. NC	PAM	nd	-	nd	-	nd	-	nd	-
Cape Fear NC	CFBI	nd	-	nd	-	nd	-	nd	-
Charleston Hrb. SC	CHFJ	nd	-	nd	-	nd	-	nd	-
Charleston Hrb. SC	CHSF	nd	-	nd	-	nd	-	nd	-
Charleston Hrb. SC	CHS	nd	-	nd	-	nd	-	nd	-
Savannah R. Est. GA	SRTI	nd	-	nd	-	1	57	.3	141
Sapelo Snd. GA	SSSI	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Sapelo Is. GA	SAP	nd	-	nd	-	nd	-	nd	-
St. Johns R. FL	SJCB	nd	-	.6	137	nd	-	nd	-
St. Johns R. FL	SJR	nd	-	nd	-	nd	-	nd	-
Matanzas R. FL	MRCB	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Biscayne Bay FL	BBPC	nd	-	.4	245	nd	-	nd	-
Everglades FL	EVFU	0	200	0	200	.1	141	.1	157
Rookery Bay FL	RBHC	.2	188	nd	-	.2	138	.2	229
Naples Bay FL	NBNB	.1	200	nd	-	.1	130	0	200
Charlotte Hrb. FL	CBBI	.1	141	nd	-	.5	41	.1	141
Charlotte Hrb. FL	LOT	nd	-	nd	-	nd	-	nd	-
Tampa Bay FL	TAM	nd	-	nd	-	nd	-	nd	-
Tampa Bay FL	TBMK	nd	-	3.3	141	15	133	1.2	141
Tampa Bay FL	TBCB	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Tampa Bay FL	TBHB	nd	-	nd	-	.9	-	nd	-
Tampa Bay FL	TBPB	nd	-	nd	-	.8	125	nd	-
Cedar Key FL	CKBP	.1	159	nd	-	.1	127	.1	224
Apalachicola Bay FL	APCP	nd	-	nd	-	0	173	0	173
Apalachicola Bay FL	APDB	nd	-	nd	-	0	170	0	224
Apalachicola Bay FL	APA	nd	-	nd	-	nd	-	nd	-
St. Andrew Bay FL	SAWB	.3	143	2.5	136	.3	90	1.7	200
Choctawhat. Bay FL	CBSP	.7	122	.2	200	1.5	107	nd	-
Choctawhat. Bay FL	CBSR	0	245	nd	-	.2	93	.4	166
Pensacola Bay DL	PEN	nd	-	nd	-	nd	-	nd	-
Pensacola Bay FL	PBIB	.2	139	0	245	.1	119	.2	113
Mobile Bay AL	MBCP	nd	-	0	200	.2	200	nd	-
Mobile Bay AL	MOB	nd	-	nd	-	nd	-	nd	-
Round Is. MS	ROU	.2	300	nd	-	nd	-	nd	-
Heron Bay MS	HER	nd	-	nd	-	nd	-	nd	-
Miss. Snd. MS	MSPB	nd	-	0	175	.1	193	.1	150
Miss. Snd. MS	MSBB	nd	-	nd	-	.1	-	nd	-
Miss. Snd. MS	MSPC	nd	-	nd	-	0	173	nd	-
Miss. Delta LA	MRD	nd	-	nd	-	17	199	nd	-
Lake Borgne LA	LBMP	0	245	0	131	.1	173	0	159
Breton Snd. LA	BSBG	nd	-	nd	-	.1	33	0	173
Breton Snd. LA	BSSI	0	163	0	245	.2	112	0	111
Barataria Bay LA	BBSD	nd	-	.1	91	.3	151	nd	-
Barataria Bay LA	BBMB	nd	-	nd	-	.1	124	nd	-
Barataria Bay LA	BAR	nd	-	nd	-	nd	-	nd	-
Terrebonne Bay LA	TBLF	0	245	nd	-	1.2	185	.1	172
Terrebonne Bay LA	TBLB	.1	92	0	99	.1	106	nd	-
Caillou Lake LA	CLCL	0	245	0	245	.3	97	nd	-
Atchafalaya Bay LA	ABOB	0	155	.1	103	.2	38	0	245
Vermillion Bay LA	VBSP	0	173	.2	154	.1	88	0	173
J. Hrb. Bayou LA	JHJH	.1	123	0	224	.3	141	.1	155

Table B.2.2: (Continued)

SITE	CODE	HpChl mean	HpChl c.v.%	HpChlEp mean	HpChlEp c.v.%	HxChlB mean	HxChlB c.v.%	Lindane mean	Lindane c.v.%
Calcasieu Lake LA	CLSJ	0	172	nd	-	.6	148	nd	-
Sabine Lake TX	SLBB	0	117	nd	-	.2	190	0	185
E. Cote Blanche LA	ECSP	.1	87	.1	39	.3	51	.1	94
Galveston Bay TX	GBHR	0	245	nd	-	.3	121	.1	245
Galveston Bay TX	GBYC	.2	165	0	245	.9	72	.1	95
Galveston Bay TX	GBTD	.1	161	.2	78	.7	84	.2	92
Galveston Bay TX	GBCR	0	245	nd	-	.9	149	.3	167
Galveston Bay TX	GAL	nd	-	nd	-	nd	-	nd	-
Matagorda Bay TX	MBEM	0	224	.1	200	.2	91	.8	204
Matagorda Bay TX	MBTP	0	245	nd	-	.2	69	nd	-
Matagorda Bay TX	MBGP	0	162	0	245	.3	112	nd	-
Matagorda Bay TX	MBLR	0	224	nd	-	.1	60	nd	-
Espiritu Santo TX	ESSP	0	121	0	245	1.1	159	nd	-
Espiritu Santo TX	ESBD	.1	141	nd	-	4.8	123	nd	-
San Antonio Bay TX	SAMP	.1	178	0	245	1.5	227	0	245
San Antonio Bay TX	SAPP	0	200	nd	-	0	173	nd	-
San Antonio Bay TX	SAB	nd	-	nd	-	nd	-	nd	-
Mesquite Bay TX	MBAR	0	245	.2	214	.1	97	nd	-
Copano Bay TX	CBCR	nd	-	nd	-	.4	194	nd	-
Aransas Bay TX	ABLR	0	245	0	245	.2	64	nd	-
Corpus Christi TX	CCIC	nd	-	nd	-	.3	112	nd	-
Corpus Christi TX	CCNB	nd	-	nd	-	.2	155	nd	-
Corpus Christi Bay TX	CCB	nd	-	nd	-	nd	-	nd	-
L. Laguna Madre TX	LMSB	0	245	0	245	.9	221	nd	-
L. Laguna Madre TX	LLM	nd	-	nd	-	nd	-	.4	245
Imperial Beach CA	IBIB	nfgs	-	nfgs	-	nfgs	-	nfgs	-
San Diego Bay CA	SDF	nd	-	nd	-	nd	-	nd	-
San Diego Bay CA	SDHI	nd	-	nd	-	.4	163	.3	245
San Diego Hrb. CA	SDA	nd	-	nd	-	0	224	nd	-
Pt. Loma CA	PLLH	.3	120	.2	172	.3	149	.3	127
Mission Bay CA	MBVB	nfgs	-	nfgs	-	nfgs	-	nfgs	-
La Jolla CA	LJLJ	nd	-	nd	-	.1	173	.2	88
Oceanside CA	OSBJ	nd	-	nd	-	nd	-	.2	114
Dana Pt. CA	DAN	nd	-	nd	-	nd	-	nd	-
Newport Bch. CA	NBBC	nd	-	.1	224	nd	-	.2	176
Anaheim Bay CA	ABWJ	nd	-	.2	175	0	245	nd	-
Seal Beach CA	SEA	nd	-	nd	-	nd	-	nd	-
Long Beach CA	LNB	nd	-	.5	173	.3	173	nd	-
San Pedro Bay CA	SPB	nd	-	nd	-	nd	-	nd	-
San Pedro Cyn. CA	SPC	nd	-	nd	-	nd	-	nd	-
San Pedro Hrb. CA	SPFP	nd	-	nd	-	.2	245	.1	245
Palos Verdes CA	PVRP	nd	-	1.1	183	.4	122	.4	189
S. Catalina Is. CA	SCBR	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Santa Monica Bay CA	SMB	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Santa Monica Basin CA	SMD	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Marina Del Ray CA	MDSJ	nd	-	nd	-	0	245	.4	210
Pt. Dume CA	PDPD	.6	156	nd	-	.6	123	.6	89
Pt. S. Barbara CA	SBSB	nd	-	nd	-	0	245	.5	94
Pt. Conception CA	PCPC	nfgs	-	nfgs	-	nfgs	-	nfgs	-
San Luis Ob. Bay CA	SLSL	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Pacific Grove CA	PGLP	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Monterey Bay CA	MBSC	nd	-	.6	-	.1	-	nd	-
Monterey Bay CA	MON	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Southamp. Shl. CA	SHS	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Oakland Est. CA	OAK	nd	-	nd	-	.6	28	nd	-
Oakland Est. CA	OEIH	1	7	nd	-	nd	-	1.1	94

Table B.2.2: (Continued)

SITE	CODE	HpChl mean	HpChl c.v.%	HpChlEp mean	HpChlEp c.v.%	HxChlB mean	HxChlB c.v.%	Lindane mean	Lindane c.v.%
Hunters Pt. CA	HUN	nd	-	nd	-	.1	177	.2	111
San Fran. Bay CA	SFDB	1	116	nd	-	.4	132	1.1	74
San Fran. Bay CA	SFSM	nd	-	nd	-	.1	110	.1	245
San Fran. Bay CA	SFEM	.1	78	nd	-	.2	58	.3	95
San Pablo Bay CA	PAB	nd	-	nd	-	.2	136	nd	-
San Pablo Bay CA	SPSM	nd	-	nd	-	1.4	171	.1	156
San Pablo Bay CA	SPSP	nd	-	nd	-	.2	63	.4	140
Tomales Bay CA	TBSR	nd	-	.2	245	.1	114	1.1	32
Bodega Bay CA	BBBE	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Bodega Bay CA	BOD	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Humboldt Bay CA	HMBJ	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Humboldt Bay CA	HMB	-	-	-	-	-	-	-	-
Pt. St. George OR	SGSG	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Coos Bay OR	COO	nd	-	nd	-	nd	-	nd	-
Coos Bay OR	CBCH	-	-	-	-	-	-	-	-
Coos Bay OR	CBRP	nd	-	nd	-	.2	224	nd	-
Yaquina Bay OR	YBOP	0	173	nd	-	.1	88	nd	-
Yaquina Head OR	YHSS	nd	-	.1	245	.1	159	nd	-
Tillamook Bay OR	TBHP	nd	-	nd	-	.4	141	nd	-
Columbia R. OR	CRYB	.3	75	.6	89	nd	-	nd	-
Columbia R. OR	COL	nd	-	nd	-	nd	-	nd	-
Gray's Hrb. WA	GHWJ	nfgs	-	nfgs	-	nfgs	-	nfgs	-
S. Juan de Fuca WA	JFNB	nd	-	nd	-	nd	-	nd	-
South Puget Snd. WA	SSBI	nd	-	nd	-	.2	158	nd	-
Nisqually Rch. WA	NIS	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Comm. Bay WA	COM	nd	-	nd	-	4.1	112	.1	245
Comm. Bay WA	CBBP	nd	-	nd	-	.6	114	.2	175
Elliott Bay WA	EBFR	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Elliott Bay WA	ELL	.1	245	nd	-	.2	156	.1	245
Sinclair Inlet WA	SIWP	nd	-	nd	-	.4	107	.2	173
Whidbey Is. WA	WIPP	.1	173	nd	-	.2	173	nd	-
Bellingham Bay WA	BBSM	.2	245	nd	-	.3	114	nd	-
Pt. Roberts WA	PRPR	0	245	.1	245	.1	78	.2	155
Lutak Inlet AK	LUT	nd	-	nd	-	nd	-	nd	-
Nahku Bay AK	NAH	nd	-	nd	-	nd	-	nd	-
Unakwit Inlet AK	UISB	nd	-	nd	-	0	173	nd	-
Port Valdez AK	PVMC	nd	-	nd	-	nd	-	.4	141
Oliktok Pt. AK	OLI	nd	-	nd	-	nd	-	nd	-
Prudhoe Bay AK	END	nd	-	nd	-	nd	-	nd	-
Barber's Pt. HI	BPBP	.4	113	nd	-	.1	161	nd	-
Honolulu Hrb. HI	HHKL	0	245	nd	-	nd	-	nd	-

Table B.2.3: Average normalized concentrations, ng/g dry-wt, and coefficients of variation, per cent, for **Mirex** and total non-DDT chlorinated pesticides **[tChlP]** in fine grain sediments at NS&T sites.

		Mirex		**tChlP**	
SITE	CODE	mean	c.v.%	mean	c.v.%
Machias Bay ME	MAC	nd	-	2.3	48
Frenchmans Bay ME	FRN	nd	-	2	42
Penobscot Bay ME	PNB	nd	-	2.1	21
Penobscot Bay ME	PBSI	.4	113	4.2	55
Penobscot Bay ME	PBPI	nd	-	4	28
Casco Bay ME	CSC	nd	-	4.5	101
Merrimac R. MA	MER	nfgs	-	nfgs	-
Cape Ann MA	CASI	.4	173	3.9	41
Salem Hrb. MA	SAL	nd	-	28	57
Boston Hrb. MA	BHDI	1.5	77	18	42
Boston Hrb. MA	BHDB	2.8	41	31	25
Boston Hrb. MA	BHHB	3.9	25	20	25
Boston Hrb. MA	BOS	1.3	111	48	63
Buzzards Bay MA	BBRH	nd	-	7.9	47
Buzzards Bay MA	BBAR	1.3	97	22	115
Buzzards Bay MA	BBGN	.7	148	6.3	64
Buzzards Bay MA	BUZ	.1	283	2.8	154
Narr. Bay RI	NBMH	.3	90	5.6	14
Narr. Bay RI	NBCI	.7	134	3.5	75
Narr. Bay RI	NBDI	.7	137	6.7	82
Narr. Bay RI	NAR	nd	-	15	59
Block Is. RI	BIBI	nd	-	2.6	109
E. Long Is. Snd. CT	ELI	nfgs	-	nfgs	-
Long Is. Snd. CT	LICR	1.1	92	13	61
Long Is. Snd. CT	LINH	nfgs	-	nfgs	-
Long Is. Snd. CT	LIHR	nfgs	-	nfgs	-
Long Is. Snd. CT	LISI	.5	111	7.4	16
W. Long Is. Snd. NY	WLI	.8	92	7.3	47
Long Is. Snd. NY	LIHU	.9	147	7.8	75
Long Is. Snd. NY	LIPJ	nfgs	-	nfgs	-
Long Is. Snd. NY	LIMR	1.5	15	16	26
Long Is. Snd. NY	LIHH	2.8	32	29	45
Long Is. Snd. NY	LITN	7	41	33	34
Moriches Bay NY	MBTH	2.5	84	12	44
Hud./Rar. Est NY	HRJB	7	40	53	13
Hud./Rar. Est. NY	HRUB	3.1	173	11	108
Hud./Rar. Est. NY	HRLB	2.6	25	34	35
Hud./Rar. Est. NJ	HRRB	1.5	11	28	3
Raritan Bay NJ	RAR	.9	137	22	62
N.Y. Bight NJ	NYSH	2.1	52	31	44
N.Y. Bight NJ	NYLB	nfgs	-	nfgs	-
N.Y. Bight NJ	NYSR	nfgs	-	nfgs	-
Great Bay NJ	GRB	nd	-	8.4	6
Delaware Bay DE	DEL	nd	-	39	64
Delaware Bay DE	DBFE	2.4	88	11	23
Delaware Bay DE	DBBD	nd	-	1.6	57
Delaware Bay DE	DBAP	.2	245	5.1	80
Delaware Bay DE	DBKI	nd	-	3.3	66
Up. Ches. Bay MD	UCB	nd	-	5	25
Ches. Bay MD	CBMP	1	131	6.4	91
Ches. Bay MD	CBHP	1.2	156	9.6	87
Ches. Bay MD	CBHG	nfgs	-	nfgs	-
Mid. Ches. Bay VA	MCB	nd	-	.7	-
Ches. Bay VA	CBIB	nd	-	2.7	149
Ches. Bay VA	CBCC	nd	-	.8	141
Ches. Bay VA	CBDP	nd	-	3.5	79

Table B.2.3: (Continues)

SITE	CODE	Mirex mean	Mirex c.v.%	tChlP mean	tChlP c.v.%
Low. Ches.Bay VA	LCB	nd	-	5.4	26
Chincoteague Bay VA	CBCI	nfgs	-	nfgs	-
Quinby Inlet VA	QIUB	nd	-	3.3	72
Roanoke Snd. VA	RSJC	nfgs	-	nfgs	-
Pamlico Snd. NC	PSWB	nfgs	-	nfgs	-
Pamlico Snd. NC	PAM	nd	-	nd	-
Cape Fear NC	CFBI	nd	-	nd	-
Charleston Hrb. SC	CHFJ	nd	-	.5	173
Charleston Hrb. SC	CHSF	.3	224	.3	224
Charleston Hrb. SC	CHS	.5	160	.5	155
Savannah R. Est. GA	SRTI	.8	141	8.3	22
Sapelo Snd. GA	SSSI	nfgs	-	nfgs	-
Sapelo Is. GA	SAP	nd	-	nd	-
St. Johns R. FL	SJCB	nd	-	5	73
St. Johns R. FL	SJR	nd	-	2.5	121
Matanzas R. FL	MRCB	nfgs	-	nfgs	-
Biscayne Bay FL	BBPC	nd	-	4.8	112
Everglades FL	EVFU	nd	-	.6	124
Rookery Bay FL	RBHC	.1	210	2.1	74
Naples Bay FL	NBNB	nd	-	4.8	110
Charlotte Hrb. FL	CBBI	nd	-	2.2	48
Charlotte Hrb. FL	LOT	nd	-	nd	-
Tampa Bay FL	TAM	nd	-	nd	-
Tampa Bay FL	TBMK	8.5	5	53	2
Tampa Bay FL	TBCB	nfgs	-	nfgs	-
Tampa Bay FL	TBHB	2.9	-	10	-
Tampa Bay FL	TBPB	.1	173	18	86
Cedar Key FL	CKBP	.1	163	2	68
Apalachicola Bay FL	APCP	nd	-	.4	89
Apalachicola Bay FL	APDB	0	224	.6	100
Apalachicola Bay FL	APA	nd	-	nd	-
St. Andrew Bay FL	SAWB	.2	167	19	111
Choctawhat. Bay FL	CBSP	1.1	87	110	40
Choctawhat. Bay FL	CBSR	.2	172	2.7	121
Pensacola Bay DL	PEN	nd	-	nd	-
Pensacola Bay FL	PBIB	.1	170	2.1	76
Mobile Bay AL	MBCP	.2	145	1.5	21
Mobile Bay AL	MOB	nd	-	.2	245
Round Is. MS	ROU	nd	-	.4	201
Heron Bay MS	HER	nd	-	nd	-
Miss. Snd. MS	MSPB	.3	44	1.7	76
Miss. Snd. MS	MSBB	.2	34	4.6	45
Miss. Snd. MS	MSPC	0	173	.8	25
Miss. Delta LA	MRD	nd	-	19	169
Lake Borgne LA	LBMP	0	245	.6	48
Breton Snd. LA	BSBG	nd	-	.2	18
Breton Snd. LA	BSSI	0	115	.5	50
Barataria Bay LA	BBSD	.1	115	1.4	43
Barataria Bay LA	BBMB	.2	163	2	40
Barataria Bay LA	BAR	nd	-	nd	-
Terrebonne Bay LA	TBLF	.2	145	2	130
Terrebonne Bay LA	TBLB	.2	81	1.3	43
Caillou Lake LA	CLCL	.1	245	.8	79
Atchafalaya Bay LA	ABOB	.3	139	1.9	47
Vermillion Bay LA	VBSP	nd	-	.7	52
J. Hrb. Bayou LA	JHJH	.2	85	1.7	28

Table B.2.3: (Continues)

SITE	CODE	Mirex mean	Mirex c.v.%	tChlP mean	tChlP c.v.%
Calcasieu Lake LA	CLSJ	.1	136	1.4	73
Sabine Lake TX	SLBB	0	245	.4	162
E. Cote Blanche LA	ECSP	.1	88	1.9	13
Galveston Bay TX	GBHR	nd	-	.7	122
Galveston Bay TX	GBYC	.1	129	4.2	71
Galveston Bay TX	GBTD	0	179	2.2	33
Galveston Bay TX	GBCR	nd	-	1.5	96
Galveston Bay TX	GAL	nd	-	nd	-
Matagorda Bay TX	MBEM	.3	224	1.5	142
Matagorda Bay TX	MBTP	.1	148	.4	48
Matagorda Bay TX	MBGP	nd	-	.6	97
Matagorda Bay TX	MBLR	0	138	.2	43
Espiritu Santo TX	ESSP	0	155	1.4	142
Espiritu Santo TX	ESBD	nd	-	5.2	125
San Antonio Bay TX	SAMP	0	195	1.9	173
San Antonio Bay TX	SAPP	0	200	.1	200
San Antonio Bay TX	SAB	nd	-	nd	-
Mesquite Bay TX	MBAR	.1	76	.6	108
Copano Bay TX	CBCR	.2	216	.7	146
Aransas Bay TX	ABLR	.2	245	.6	150
Corpus Christi TX	CCIC	.7	125	1	54
Corpus Christi TX	CCNB	.5	205	.8	116
Corpus Christi Bay TX	CCB	nd	-	nd	-
L. Laguna Madre TX	LMSB	0	245	1.1	185
L. Laguna Madre TX	LLM	nd	-	.4	245
Imperial Beach CA	IBIB	nfgs	-	nfgs	-
San Diego Bay CA	SDF	nd	-	nd	-
San Diego Bay CA	SDHI	nd	-	13	82
San Diego Hrb. CA	SDA	nd	-	11	38
Pt. Loma CA	PLLH	nd	-	3.7	82
Mission Bay CA	MBVB	nfgs	-	nfgs	-
La Jolla CA	LJLJ	nd	-	1.6	39
Oceanside CA	OSBJ	0	245	2.5	83
Dana Pt. CA	DAN	nd	-	nd	-
Newport Bch. CA	NBBC	.1	200	2.1	93
Anaheim Bay CA	ABWJ	.1	224	3.8	42
Seal Beach CA	SEA	nd	-	1.8	97
Long Beach CA	LNB	.4	173	20	33
San Pedro Bay CA	SPB	nd	-	nd	-
San Pedro Cyn. CA	SPC	nd	-	nd	-
San Pedro Hrb. CA	SPFP	.4	224	8.3	75
Palos Verdes CA	PVRP	.1	245	23	85
S. Catalina Is. CA	SCBR	nfgs	-	nfgs	-
Santa Monica Bay CA	SMB	nfgs	-	nfgs	-
Santa Monica Basin CA	SMD	nfgs	-	nfgs	-
Marina Del Ray CA	MDSJ	.1	172	7.2	93
Pt. Dume CA	PDPD	nd	-	9.5	45
Pt. S. Barbara CA	SBSB	nd	-	5.9	84
Pt. Conception CA	PCPC	nfgs	-	nfgs	-
San Luis Ob. Bay CA	SLSL	nfgs	-	nfgs	-
Pacific Grove CA	PGLP	nfgs	-	nfgs	-
Monterey Bay CA	MBSC	nd	-	3.4	-
Monterey Bay CA	MON	nfgs	-	nfgs	-
Southamp. Shl. CA	SHS	nfgs	-	nfgs	-
Oakland Est. CA	OAK	nd	-	.6	28
Oakland Est. CA	OEIH	-	-	36	14

Table B.2.3: (Continues)

SITE	CODE	Mirex mean	Mirex c.v.%	tChlP mean	tChlP c.v.%
Hunters Pt. CA	HUN	nd	-	.7	110
San Fran. Bay CA	SFDB	nd	-	7.1	45
San Fran. Bay CA	SFSM	nd	-	1.6	81
San Fran. Bay CA	SFEM	nd	-	3.3	37
San Pablo Bay CA	PAB	nd	-	.6	160
San Pablo Bay CA	SPSM	nd	-	9.5	135
San Pablo Bay CA	SPSP	nd	-	2.7	43
Tomales Bay CA	TBSR	nd	-	1.6	57
Bodega Bay CA	BBBE	nfgs	-	nfgs	-
Bodega Bay CA	BOD	nfgs	-	nfgs	-
Humboldt Bay CA	HMBJ	nfgs	-	nfgs	-
Humboldt Bay CA	HMB	-	-	-	-
Pt. St. George OR	SGSG	nfgs	-	nfgs	-
Coos Bay OR	COO	nd	-	nd	-
Coos Bay OR	CBCH	-	-	-	-
Coos Bay OR	CBRP	nd	-	1.7	82
Yaquina Bay OR	YBOP	nd	-	.4	56
Yaquina Head OR	YHSS	nd	-	6	133
Tillamook Bay OR	TBHP	nd	-	.9	141
Columbia R. OR	CRYB	nd	-	5	75
Columbia R. OR	COL	nd	-	nd	-
Gray's Hrb. WA	GHWJ	nfgs	-	nfgs	-
S. Juan de Fuca WA	JFNB	nd	-	4.7	89
South Puget Snd. WA	SSBI	.1	113	1.9	112
Nisqually Rch. WA	NIS	nfgs	-	nfgs	-
Comm. Bay WA	COM	.4	245	5.8	103
Comm. Bay WA	CBBP	nd	-	1.9	68
Elliott Bay WA	EBFR	nfgs	-	nfgs	-
Elliott Bay WA	ELL	nd	-	1.1	120
Sinclair Inlet WA	SIWP	nd	-	.9	72
Whidbey Is. WA	WIPP	nd	-	.6	90
Bellingham Bay WA	BBSM	nd	-	1.8	127
Pt. Roberts WA	PRPR	nd	-	1.6	64
Lutak Inlet AK	LUT	nd	-	nd	-
Nahku Bay AK	NAH	nd	-	nd	-
Unakwit Inlet AK	UISB	nd	-	0	173
Port Valdez AK	PVMC	nd	-	.3	173
Oliktok Pt. AK	OLI	nd	-	nd	-
Prudhoe Bay AK	END	nd	-	nd	-
Barber's Pt. HI	BPBP	nd	-	1.1	102
Honolulu Hrb. HI	HHKL	nd	-	1.3	173

Table B.3.1: Average normalized concentrations, ng/g dry-wt, and coefficients of variation, per cent, for Dichlorobiphenyls [**DiCB**], Trichlorobiphenyls [**TriCB**], Tetrachlorobiphenyls [**TetraCB**] and Pentachlorobiphenyls [**PentaCB**] in fine grain sediments at NS&T sites.

		DiCB		**TriCB**		**TetraCB**		**PentaCB**	
SITE	CODE	mean	c.v.%	mean	c.v.%	mean	c.v.%	mean	c.v.%
Machias Bay ME	MAC	2.3	26	2.8	51	1.6	106	8	122
Frenchmans Bay ME	FRN	.8	173	4.4	73	2.8	38	.1	173
Penobscot Bay ME	PNB	nd	-	nd	-	9	28	11	39
Penobscot Bay ME	PBSI	nd	-	1.6	100	2.1	45	5.9	48
Penobscot Bay ME	PBPI	.3	173	.9	91	2.1	67	15	85
Casco Bay ME	CSC	.8	200	11	116	13	48	27	34
Merrimac R. MA	MER	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Cape Ann MA	CASI	nd	-	4.9	16	20	8	19	34
Salem Hrb. MA	SAL	1.3	245	51	60	62	40	150	48
Boston Hrb. MA	BHDI	12	94	30	79	68	70	98	33
Boston Hrb. MA	BHDB	16	20	110	21	300	18	210	17
Boston Hrb. MA	BHHB	6.3	56	24	18	75	10	81	20
Boston Hrb. MA	BOS	6.8	116	83	47	230	49	350	54
Buzzards Bay MA	BBRH	1.9	155	40	32	93	47	110	22
Buzzards Bay MA	BBAR	25	74	270	35	580	28	690	25
Buzzards Bay MA	BBGN	9.7	132	16	59	43	56	43	29
Buzzards Bay MA	BUZ	18	214	24	130	51	127	110	104
Narr. Bay RI	NBMH	14	20	4.8	30	19	24	31	15
Narr. Bay RI	NBCI	.3	155	2.3	61	9.9	60	16	48
Narr. Bay RI	NBDI	2.6	136	4.8	98	18	48	23	25
Narr. Bay RI	NAR	5.9	146	32	96	58	62	68	80
Block Is. RI	BIBI	nd	-	1.4	89	7.9	21	9.5	21
E. Long Is. Snd. CT	ELI	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Long Is. Snd. CT	LICR	1.4	122	17	70	47	55	51	54
Long Is. Snd. CT	LINH	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Long Is. Snd. CT	LIHR	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Long Is. Snd. CT	LISI	.7	224	8.6	36	28	34	29	32
W. Long Is. Snd. NY	WLI	1.6	137	40	105	48	69	55	41
Long Is. Snd. NY	LIHU	nd	-	7.7	36	33	34	33	41
Long Is. Snd. NY	LIPJ	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Long Is. Snd. NY	LIMR	.3	155	6.1	55	44	41	52	39
Long Is. Snd. NY	LIHH	.5	162	21	39	55	10	72	31
Long Is. Snd. NY	LITN	4.9	71	60	21	120	27	120	16
Moriches Bay NY	MBTH	4.1	138	15	72	33	29	35	35
Hud./Rar. Est NY	HRJB	24	26	62	8	210	3	200	9
Hud./Rar. Est. NY	HRUB	5.5	72	36	104	67	107	38	96
Hud./Rar. Est. NY	HRLB	6.5	144	89	60	170	35	160	19
Hud./Rar. Est. NJ	HRRB	nd	-	63	6	210	11	170	4
Raritan Bay NJ	RAR	4.4	126	86	55	180	29	180	25
N.Y. Bight NJ	NYSH	4.5	110	93	52	200	41	210	38
N.Y. Bight NJ	NYLB	nfgs	-	nfgs	-	nfgs	-	nfgs	-
N.Y. Bight NJ	NYSR	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Great Bay NJ	GRB	3.7	3	25	5	22	29	22	39
Delaware Bay DE	DEL	4.3	88	17	91	69	89	180	91
Delaware Bay DE	DBFE	5.4	102	4.3	30	14	11	17	49
Delaware Bay DE	DBBD	4.2	56	1.8	58	7.2	30	7.2	32
Delaware Bay DE	DBAP	6.7	110	4.3	91	11	106	15	89
Delaware Bay DE	DBKI	3.1	80	4.4	49	9	27	16	24
Up. Ches. Bay MD	UCB	nd	-	9.4	47	19	44	35	27
Ches. Bay MD	CBMP	nd	-	7.8	39	22	28	22	46
Ches. Bay MD	CBHP	.6	110	3.9	34	18	41	28	86
Ches. Bay MD	CBHG	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Mid. Ches. Bay VA	MCB	nd	-	nd	-	.9	-	7.2	-
Ches. Bay VA	CBIB	nd	-	.8	149	1	81	2.6	24
Ches. Bay VA	CBCC	nd	-	nd	-	.2	141	.5	141
Ches. Bay VA	CBDP	nd	-	1.3	124	1.7	119	5.1	7

Table B.3.1: (Continued)

SITE	CODE	DiCB mean	DiCB c.v.%	TriCB mean	TriCB c.v.%	TetraCB mean	TetraCB c.v.%	PentaCB mean	PentaCB c.v.%
Low. Ches.Bay VA	LCB	1.9	138	6.6	81	14	52	17	55
Chincoteague Bay VA	CBCI	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Quinby Inlet VA	QIUB	nd	-	2	95	4	88	9.1	85
Roanoke Snd. VA	RSJC	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Pamlico Snd. NC	PSWB	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Pamlico Snd. NC	PAM	nd	-	nd	-	nd	-	nd	-
Cape Fear NC	CFBI	nd	-	nd	-	nd	-	1.8	138
Charleston Hrb. SC	CHFJ	nd	-	nd	-	nd	-	.5	173
Charleston Hrb. SC	CHSF	nd	-	nd	-	.4	224	.6	224
Charleston Hrb. SC	CHS	2	206	3.6	132	6.7	127	13	172
Savannah R. Est. GA	SRTI	nd	-	7.2	125	6.3	141	4.8	45
Sapelo Snd. GA	SSSI	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Sapelo Is. GA	SAP	nd	-	nd	-	nd	-	nd	-
St. Johns R. FL	SJCB	nd	-	nd	-	16	87	19	72
St. Johns R. FL	SJR	8.8	118	30	54	44	68	98	106
Matanzas R. FL	MRCB	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Biscayne Bay FL	BBPC	nd	-	1.7	155	7.8	97	13	54
Everglades FL	EVFU	.1	200	.3	130	4	112	.8	53
Rookery Bay FL	RBHC	.1	245	1.5	123	2.4	92	3.2	124
Naples Bay FL	NBNB	nd	-	3.1	144	4.4	101	10	120
Charlotte Hrb. FL	CBBI	nd	-	.8	8	.7	8	1.9	31
Charlotte Hrb. FL	LOT	9.6	173	2.5	173	nd	-	2.3	173
Tampa Bay FL	TAM	nd	-	2.3	-	2.2	-	2.9	-
Tampa Bay FL	TBMK	14	7	4.8	33	27	121	28	65
Tampa Bay FL	TBCB	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Tampa Bay FL	TBHB	nd	-	3.5	-	34	-	60	-
Tampa Bay FL	TBPB	4.1	173	75	152	150	165	120	154
Cedar Key FL	CKBP	.5	99	2.1	117	6.4	160	2.5	114
Apalachicola Bay FL	APCP	1.1	173	6.4	173	.4	138	1.2	39
Apalachicola Bay FL	APDB	nd	-	4.1	202	15	213	3.9	121
Apalachicola Bay FL	APA	13	151	nd	-	nd	-	nd	-
St. Andrew Bay FL	SAWB	21	135	87	122	380	125	450	127
Choctawhat. Bay FL	CBSP	2.7	200	19	132	47	67	78	89
Choctawhat. Bay FL	CBSR	.1	245	1.2	137	2.9	114	16	168
Pensacola Bay DL	PEN	11	74	2	53	1.7	56	3	104
Pensacola Bay FL	PBIB	.9	109	1	70	10	80	26	97
Mobile Bay AL	MBCP	nd	-	.8	111	1	67	4.3	80
Mobile Bay AL	MOB	1.1	177	.2	245	.2	245	1.3	119
Round Is. MS	ROU	1.1	159	1	246	.2	300	nd	-
Heron Bay MS	HER	2.2	89	nd	-	nd	-	1	173
Miss. Snd. MS	MSPB	nd	-	.3	92	2.1	100	5.2	50
Miss. Snd. MS	MSBB	.3	141	4.3	21	13	2	14	18
Miss. Snd. MS	MSPC	.1	173	.6	58	2	68	.7	144
Miss. Delta LA	MRD	2.2	159	5	146	8.4	137	5.7	128
Lake Borgne LA	LBMP	.4	142	.9	75	1.9	48	1.7	48
Breton Snd. LA	BSBG	nd	-	nd	-	11	67	30	153
Breton Snd. LA	BSSI	.1	183	.4	67	2	186	.7	85
Barataria Bay LA	BBSD	.2	162	1.9	9	1.8	82	3.9	75
Barataria Bay LA	BBMB	1	94	3.1	102	10	136	12	106
Barataria Bay LA	BAR	1.1	137	.3	224	nd	-	nd	-
Terrebonne Bay LA	TBLF	1.4	125	1.6	65	5.1	89	3.6	86
Terrebonne Bay LA	TBLB	.2	173	1.9	29	7.6	13	7.4	24
Caillou Lake LA	CLCL	.7	148	1.2	105	1.5	88	1.9	70
Atchafalaya Bay LA	ABOB	.2	136	.9	86	2	82	3.2	62
Vermillion Bay LA	VBSP	.1	173	.1	108	2.6	142	2	58
J. Hrb. Bayou LA	JHJH	.2	137	1.8	86	3.3	93	3	34

Table B.3.1: (Continued)

SITE	CODE	DiCB mean	DiCB c.v.%	TriCB mean	TriCB c.v.%	TetraCB mean	TetraCB c.v.%	PentaCB mean	PentaCB c.v.%
Calcasieu Lake LA	CLSJ	.4	67	1	9	1.1	58	1.9	61
Sabine Lake TX	SLBB	nd	-	.4	63	.5	144	.4	154
E. Cote Blanche LA	ECSP	.1	173	1.5	21	3.8	39	8.8	61
Galveston Bay TX	GBHR	nd	-	.4	107	1.5	118	.7	129
Galveston Bay TX	GBYC	.3	179	1.7	130	11	156	21	181
Galveston Bay TX	GBTD	.1	155	.5	119	1.4	28	2.8	104
Galveston Bay TX	GBCR	0	245	.3	100	.9	84	1.4	117
Galveston Bay TX	GAL	.4	224	nd	-	nd	-	nd	-
Matagorda Bay TX	MBEM	1.3	224	1.4	146	.6	128	1.4	102
Matagorda Bay TX	MBTP	.1	157	1.2	101	.8	50	.9	53
Matagorda Bay TX	MBGP	.2	245	.8	66	1.1	74	1.3	56
Matagorda Bay TX	MBLR	.1	143	.3	71	1	106	.8	81
Espiritu Santo TX	ESSP	0	245	.3	65	1.2	46	.6	42
Espiritu Santo TX	ESBD	.2	141	.9	75	9.7	81	2.7	141
San Antonio Bay TX	SAMP	.2	193	.6	168	1.5	145	.6	92
San Antonio Bay TX	SAPP	.4	224	1.8	202	.2	134	.6	139
San Antonio Bay TX	SAB	1.1	157	nd	-	4.4	150	2.8	170
Mesquite Bay TX	MBAR	.1	224	.3	78	.8	113	.4	104
Copano Bay TX	CBCR	.1	164	1	61	1.8	216	.3	131
Aransas Bay TX	ABLR	.2	156	.1	140	1.5	61	.9	94
Corpus Christi TX	CCIC	.1	200	.1	120	.1	200	.4	118
Corpus Christi TX	CCNB	1.3	137	2.2	156	3.8	122	4.2	42
Corpus Christi Bay TX	CCB	.2	224	.2	224	.7	149	1	111
L. Laguna Madre TX	LMSB	nd	-	.2	156	.8	110	.4	154
L. Laguna Madre TX	LLM	5.5	128	.4	245	nd	-	nd	-
Imperial Beach CA	IBIB	nfgs	-	nfgs	-	nfgs	-	nfgs	-
San Diego Bay CA	SDF	nd	-	4.2	70	.2	141	9.3	78
San Diego Bay CA	SDHI	.9	187	13	62	59	74	63	87
San Diego Hrb. CA	SDA	nd	-	14	94	83	38	290	34
Pt. Loma CA	PLLH	2.1	175	9.3	97	16	99	13	65
Mission Bay CA	MBVB	nfgs	-	nfgs	-	nfgs	-	nfgs	-
La Jolla CA	LJLJ	1.2	47	3.9	32	5.5	19	5.6	39
Oceanside CA	OSBJ	nd	-	3.4	47	9	134	4.7	42
Dana Pt. CA	DAN	nd	-	3.5	97	3.8	97	8.5	76
Newport Bch. CA	NBBC	1.1	140	6.9	26	11	53	15	20
Anaheim Bay CA	ABWJ	.6	132	3.3	51	13	73	9.8	38
Seal Beach CA	SEA	nd	-	3.6	32	12	43	25	17
Long Beach CA	LNB	nd	-	30	16	120	17	78	24
San Pedro Bay CA	SPB	nd	-	9.9	49	67	38	65	32
San Pedro Cyn. CA	SPC	nd	-	27	8	250	24	290	34
San Pedro Hrb. CA	SPFP	.4	245	7.9	85	55	82	60	39
Palos Verdes CA	PVRP	1.8	123	57	45	410	118	270	48
S. Catalina Is. CA	SCBR	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Santa Monica Bay CA	SMB	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Santa Monica Basin CA	SMD	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Marina Del Ray CA	MDSJ	2.7	84	10	69	33	71	35	57
Pt. Dume CA	PDPD	nd	-	9.5	48	37	46	21	10
Pt. S. Barbara CA	SBSB	nd	-	6.7	46	13	63	7.7	75
Pt. Conception CA	PCPC	nfgs	-	nfgs	-	nfgs	-	nfgs	-
San Luis Ob. Bay CA	SLSL	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Pacific Grove CA	PGLP	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Monterey Bay CA	MBSC	-	-	-	-	-	-	-	-
Monterey Bay CA	MON	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Southamp. Shl. CA	SHS	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Oakland Est. CA	OAK	nd	-	6.6	34	12	24	23	17
Oakland Est. CA	OEIH	nd	-	7.6	13	110	23	75	17

Table B.3.1: (Continued)

SITE	CODE	DiCB mean	DiCB c.v.%	TriCB mean	TriCB c.v.%	TetraCB mean	TetraCB c.v.%	PentaCB mean	PentaCB c.v.%
Hunters Pt. CA	HUN	nd	-	3.4	47	9.7	11	17	26
San Fran. Bay CA	SFDB	.4	245	10	52	17	68	12	61
San Fran. Bay CA	SFSM	.9	118	4.9	27	14	58	17	42
San Fran. Bay CA	SFEM	.5	112	6.4	68	12	33	16	66
San Pablo Bay CA	PAB	nd	-	2.3	114	3.3	64	9.7	45
San Pablo Bay CA	SPSM	0	245	15	198	13	155	12	104
San Pablo Bay CA	SPSP	.2	155	3.9	21	6	34	5.2	42
Tomales Bay CA	TBSR	nd	-	2.4	66	.7	113	.5	125
Bodega Bay CA	BBBE	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Bodega Bay CA	BOD	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Humboldt Bay CA	HMBJ	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Humboldt Bay CA	HMB	-	-	-	-	-	-	-	-
Pt. St. George OR	SGSG	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Coos Bay OR	COO	.4	173	2.4	87	2.5	96	15	28
Coos Bay OR	CBCH	-	-	-	-	-	-	-	-
Coos Bay OR	CBRP	nd	-	3.9	55	6.1	43	5.4	41
Yaquina Bay OR	YBOP	.3	173	1.7	51	4.3	39	4	77
Yaquina Head OR	YHSS	nd	-	4	64	5.7	124	2.3	96
Tillamook Bay OR	TBHP	nd	-	1.3	141	4.1	4	2.6	1
Columbia R. OR	CRYB	nd	-	9.5	46	13	65	7.1	78
Columbia R. OR	COL	nd	-	2.7	117	2.6	125	6.4	125
Gray's Hrb. WA	GHWJ	nfgs	-	nfgs	-	nfgs	-	nfgs	-
S. Juan de Fuca WA	JFNB	1.1	173	4.6	43	15	33	9.7	40
South Puget Snd. WA	SSBI	2.1	107	5.9	36	7.2	62	9.4	39
Nisqually Rch. WA	NIS	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Comm. Bay WA	COM	1.5	156	.8	190	.9	245	3.2	141
Comm. Bay WA	CBBP	.9	191	6.3	39	11	43	13	27
Elliott Bay WA	EBFR	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Elliott Bay WA	ELL	nd	-	21	36	80	27	210	18
Sinclair Inlet WA	SIWP	2.5	173	3.9	92	11	93	24	29
Whidbey Is. WA	WIPP	1.7	22	5.4	25	20	62	18	65
Bellingham Bay WA	BBSM	.6	167	2.3	103	1.9	134	1.6	96
Pt. Roberts WA	PRPR	.4	156	6	16	6	42	2.8	16
Lutak Inlet AK	LUT	nd	-	nd	-	nd	-	2.1	2
Nahku Bay AK	NAH	nd	-	.8	115	3.9	92	4.1	102
Unakwit Inlet AK	UISB	nd	-	2.7	103	1.5	126	.1	173
Port Valdez AK	PVMC	nd	-	1.3	26	.4	25	1	69
Oliktok Pt. AK	OLI	nd	-	11	25	6.1	33	4.2	24
Prudhoe Bay AK	END	nd	-	14	48	13	85	4.7	76
Barber's Pt. HI	BPBP	2.8	93	9.6	88	26	87	16	82
Honolulu Hrb. HI	HHKL	1.7	118	4.9	37	12	34	10	27

Table B.3.2: Average normalized concentrations, ng/g dry-wt, and coefficients of variation, per cent, for Hexachlorobiphenyls [**HexaCB**], Heptachlorobiphenyls [**HeptaCB**], Octachlorobiphenyls [**OctaCB**] and Nonachlorobiphenyls [**NonaCB**] in fine grain sediments at NS&T sites.

		HexaCB		**HeptaCB**		**OctaCB**		**NonaCB**	
SITE	CODE	mean	c.v.%	mean	c.v.%	mean	c.v.%	mean	c.v.%
Machias Bay ME	MAC	4.8	72	3.2	68	.4	87	nd	-
Frenchmans Bay ME	FRN	nd	-	.4	173	1.4	87	nd	-
Penobscot Bay ME	PNB	2.5	156	9.9	65	1.4	42	.7	87
Penobscot Bay ME	PBSI	5.9	59	4.9	46	.6	133	.8	78
Penobscot Bay ME	PBPI	9	64	5.4	15	2	95	1.1	173
Casco Bay ME	CSC	16	38	20	64	7.8	54	3.2	119
Merrimac R. MA	MER	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Cape Ann MA	CASI	15	16	10	16	1.6	173	nd	-
Salem Hrb. MA	SAL	150	63	120	51	52	73	2.9	131
Boston Hrb. MA	BHDI	77	37	49	46	20	31	3.7	48
Boston Hrb. MA	BHDB	120	20	75	27	32	25	5.6	27
Boston Hrb. MA	BHHB	65	12	47	26	24	22	4	91
Boston Hrb. MA	BOS	230	41	160	28	55	34	18	51
Buzzards Bay MA	BBRH	88	25	18	42	8.1	64	.9	156
Buzzards Bay MA	BBAR	380	28	89	18	21	23	2.1	98
Buzzards Bay MA	BBGN	24	25	8.4	27	1.4	80	.1	143
Buzzards Bay MA	BUZ	59	97	16	116	1.9	116	1.2	101
Narr. Bay RI	NBMH	19	10	12	15	6.4	32	2.6	23
Narr. Bay RI	NBCI	17	41	10	63	4.7	60	2.4	36
Narr. Bay RI	NBDI	30	18	21	63	9.4	82	4	76
Narr. Bay RI	NAR	69	81	57	48	19	53	10	59
Block Is. RI	BIBI	6.9	19	6.8	87	2	173	nd	-
E. Long Is. Snd. CT	ELI	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Long Is. Snd. CT	LICR	50	62	31	75	24	168	2.5	148
Long Is. Snd. CT	LINH	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Long Is. Snd. CT	LIHR	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Long Is. Snd. CT	LISI	35	73	15	38	6.1	34	1.1	101
W. Long Is. Snd. NY	WLI	34	28	31	41	11	54	7.1	29
Long Is. Snd. NY	LIHU	35	49	14	55	5	88	1.6	109
Long Is. Snd. NY	LIPJ	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Long Is. Snd. NY	LIMR	43	47	15	41	5.7	43	3.7	114
Long Is. Snd. NY	LIHH	72	42	22	22	7.3	31	5.1	65
Long Is. Snd. NY	LITN	120	24	50	30	24	39	7	74
Moriches Bay NY	MBTH	42	59	19	45	5.9	62	7.4	113
Hud./Rar. Est NY	HRJB	130	4	94	2	29	45	5.3	30
Hud./Rar. Est. NY	HRUB	28	89	15	108	11	146	4	137
Hud./Rar. Est. NY	HRLB	110	13	46	44	41	18	13	46
Hud./Rar. Est. NJ	HRRB	61	2	38	2	14	6	3.5	15
Raritan Bay NJ	RAR	160	39	79	50	47	38	16	46
N.Y. Bight NJ	NYSH	110	42	49	48	28	45	13	64
N.Y. Bight NJ	NYLB	nfgs	-	nfgs	-	nfgs	-	nfgs	-
N.Y. Bight NJ	NYSR	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Great Bay NJ	GRB	19	34	16	60	9.6	52	3.1	89
Delaware Bay DE	DEL	77	89	11	92	3	87	2.4	25
Delaware Bay DE	DBFE	17	6	10	14	11	24	3	61
Delaware Bay DE	DBBD	4.5	37	4.7	36	4.3	26	.9	91
Delaware Bay DE	DBAP	13	85	9.9	102	6.7	85	2.8	87
Delaware Bay DE	DBKI	12	43	9.9	65	7.1	72	2	84
Up. Ches. Bay MD	UCB	17	34	29	22	7.5	43	7.5	57
Ches. Bay MD	CBMP	17	43	11	59	3.5	39	7.9	88
Ches. Bay MD	CBHP	29	98	14	88	10	74	10	89
Ches. Bay MD	CBHG	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Mid. Ches. Bay VA	MCB	5.7	-	nd	-	nd	-	nd	-
Ches. Bay VA	CBIB	1.7	41	.2	224	nd	-	0	224
Ches. Bay VA	CBCC	.2	141	.2	141	.2	141	nd	-
Ches. Bay VA	CBDP	4.7	55	3	124	3.7	125	.4	200

Table B.3.2: (Continued)

SITE	CODE	HexaCB mean	HexaCB c.v.%	HeptaCB mean	HeptaCB c.v.%	OctaCB mean	OctaCB c.v.%	NonaCB mean	NonaCB c.v.%
Low. Ches.Bay VA	LCB	4.8	93	21	151	2.5	60	.9	35
Chincoteague Bay VA	CBCI	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Quinby Inlet VA	QIUB	8.2	116	6.5	138	3.7	137	nd	-
Roanoke Snd. VA	RSJC	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Pamlico Snd. NC	PSWB	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Pamlico Snd. NC	PAM	nd	-	nd	-	nd	-	nd	-
Cape Fear NC	CFBI	2.3	125	.4	224	1.1	224	nd	-
Charleston Hrb. SC	CHFJ	nd	-	nd	-	nd	-	nd	-
Charleston Hrb. SC	CHSF	1	146	nd	-	nd	-	nd	-
Charleston Hrb. SC	CHS	11	148	4	140	2.1	114	2.5	158
Savannah R. Est. GA	SRTI	4.2	40	.9	141	nd	-	nd	-
Sapelo Snd. GA	SSSI	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Sapelo Is. GA	SAP	nd	-	nd	-	nd	-	nd	-
St. Johns R. FL	SJCB	23	61	11	67	13	76	7.6	68
St. Johns R. FL	SJR	49	29	17	96	7.7	114	6.7	43
Matanzas R. FL	MRCB	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Biscayne Bay FL	BBPC	8	81	4.6	104	nd	-	nd	-
Everglades FL	EVFU	1.3	68	.8	98	.8	190	nd	-
Rookery Bay FL	RBHC	3.2	123	2.2	99	.6	96	.1	155
Naples Bay FL	NBNB	4.4	88	5.8	73	.5	169	0	200
Charlotte Hrb. FL	CBBI	1.3	59	.4	8	nd	-	nd	-
Charlotte Hrb. FL	LOT	nd	-	nd	-	nd	-	nd	-
Tampa Bay FL	TAM	nd	-	nd	-	nd	-	nd	-
Tampa Bay FL	TBMK	16	125	8.5	1	8	44	nd	-
Tampa Bay FL	TBCB	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Tampa Bay FL	TBHB	56	-	62	-	10	-	1.5	-
Tampa Bay FL	TBPB	120	159	24	126	21	156	.5	173
Cedar Key FL	CKBP	2.2	50	1.4	189	.2	224	.1	224
Apalachicola Bay FL	APCP	2.5	49	2	100	.7	105	0	173
Apalachicola Bay FL	APDB	4.8	119	4.2	162	2.4	179	.2	171
Apalachicola Bay FL	APA	nd	-	nd	-	nd	-	nd	-
St. Andrew Bay FL	SAWB	640	145	380	154	150	206	28	224
Choctawhat. Bay FL	CBSP	84	51	49	37	10	53	1	86
Choctawhat. Bay FL	CBSR	36	216	11	205	.4	153	nd	-
Pensacola Bay DL	PEN	3.4	37	nd	-	nd	-	nd	-
Pensacola Bay FL	PBIB	17	84	4.5	80	.3	121	.1	245
Mobile Bay AL	MBCP	4	78	1.9	62	.5	76	.2	115
Mobile Bay AL	MOB	3.8	123	nd	-	nd	-	nd	-
Round Is. MS	ROU	nd	-	nd	-	nd	-	nd	-
Heron Bay MS	HER	nd	-	nd	-	nd	-	nd	-
Miss. Snd. MS	MSPB	4	49	2.8	79	.5	55	.1	164
Miss. Snd. MS	MSBB	12	14	4.5	79	2.4	99	.8	141
Miss. Snd. MS	MSPC	1	42	1	49	0	173	.2	173
Miss. Delta LA	MRD	7.2	78	.8	117	0	245	nd	-
Lake Borgne LA	LBMP	1.2	72	3.7	148	.2	68	nd	-
Breton Snd. LA	BSBG	17	142	1.8	161	.2	95	nd	-
Breton Snd. LA	BSSI	.8	69	1.3	180	.2	123	nd	-
Barataria Bay LA	BBSD	1.8	66	1.8	50	.5	177	.2	173
Barataria Bay LA	BBMB	7.2	84	7.9	173	.4	73	.1	161
Barataria Bay LA	BAR	nd	-	nd	-	nd	-	nd	-
Terrebonne Bay LA	TBLF	2.8	56	2.3	61	.5	145	.1	245
Terrebonne Bay LA	TBLB	5	47	5.1	50	.1	87	nd	-
Caillou Lake LA	CLCL	2.1	75	2.5	108	.5	69	0	245
Atchafalaya Bay LA	ABOB	3	36	3.8	106	.9	96	.1	112
Vermillion Bay LA	VBSP	2.7	86	.9	78	.7	89	0	173
J. Hrb. Bayou LA	JHJH	4.5	55	3	73	.9	24	0	224

Table B.3.2: (Continued)

SITE	CODE	HexaCB mean	HexaCB c.v.%	HeptaCB mean	HeptaCB c.v.%	OctaCB mean	OctaCB c.v.%	NonaCB mean	NonaCB c.v.%
Calcasieu Lake LA	CLSJ	1.6	33	1.2	45	.2	54	.1	110
Sabine Lake TX	SLBB	.8	69	.4	89	1.9	142	.1	245
E. Cote Blanche LA	ECSP	8.7	39	4.1	46	2	83	.2	23
Galveston Bay TX	GBHR	1.3	109	1.4	103	.2	120	nd	-
Galveston Bay TX	GBYC	14	178	4.4	109	.5	162	0	245
Galveston Bay TX	GBTD	1.7	32	.4	79	.2	94	.1	245
Galveston Bay TX	GBCR	1.2	52	1.1	159	.3	163	nd	-
Galveston Bay TX	GAL	nd	-	nd	-	nd	-	nd	-
Matagorda Bay TX	MBEM	.7	95	.4	141	.5	98	.3	151
Matagorda Bay TX	MBTP	1.2	93	.8	101	.1	121	0	245
Matagorda Bay TX	MBGP	.8	75	1.3	101	.4	154	.1	245
Matagorda Bay TX	MBLR	.7	77	1.8	125	.4	94	nd	-
Espiritu Santo TX	ESSP	.8	32	.7	34	nd	-	nd	-
Espiritu Santo TX	ESBD	2.6	75	.7	141	.2	141	nd	-
San Antonio Bay TX	SAMP	.8	42	.3	121	0	245	nd	-
San Antonio Bay TX	SAPP	.9	28	1.4	213	.3	224	.1	224
San Antonio Bay TX	SAB	nd	-	nd	-	nd	-	nd	-
Mesquite Bay TX	MBAR	.4	92	.9	88	.1	137	0	224
Copano Bay TX	CBCR	.8	38	.6	168	.2	159	nd	-
Aransas Bay TX	ABLR	1.1	95	.6	121	.2	92	0	245
Corpus Christi TX	CCIC	1.2	48	5.6	115	.5	200	.2	132
Corpus Christi TX	CCNB	2.9	49	2.7	108	.4	111	.1	245
Corpus Christi Bay TX	CCB	nd	-	nd	-	nd	-	nd	-
L. Laguna Madre TX	LMSB	.8	72	.6	100	.1	199	nd	-
L. Laguna Madre TX	LLM	nd	-	nd	-	nd	-	nd	-
Imperial Beach CA	IBIB	nfgs	-	nfgs	-	nfgs	-	nfgs	-
San Diego Bay CA	SDF	.3	141	nd	-	.2	141	2.4	141
San Diego Bay CA	SDHI	88	84	58	88	38	94	8.1	135
San Diego Hrb. CA	SDA	300	27	130	30	37	61	18	39
Pt. Loma CA	PLLH	16	49	11	66	4	88	.3	162
Mission Bay CA	MBVB	nfgs	-	nfgs	-	nfgs	-	nfgs	-
La Jolla CA	LJLJ	4	47	3.6	21	2	79	.5	90
Oceanside CA	OSBJ	2.9	41	1.5	144	.2	197	.2	245
Dana Pt. CA	DAN	4.1	87	nd	-	0	245	nd	-
Newport Bch. CA	NBBC	12	26	4.8	68	2.5	85	.3	182
Anaheim Bay CA	ABWJ	11	20	6.4	79	3.1	63	1.3	116
Seal Beach CA	SEA	21	29	7.1	26	2.9	28	.7	88
Long Beach CA	LNB	55	16	28	20	12	20	6.8	59
San Pedro Bay CA	SPB	43	14	19	35	9.1	38	1.1	173
San Pedro Cyn. CA	SPC	94	22	37	15	23	8	6.8	111
San Pedro Hrb. CA	SPFP	70	108	10	93	2.9	104	.1	245
Palos Verdes CA	PVRP	150	49	61	73	18	92	9.5	148
S. Catalina Is. CA	SCBR	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Santa Monica Bay CA	SMB	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Santa Monica Basin CA	SMD	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Marina Del Ray CA	MDSJ	22	30	8.5	19	2.6	71	1	88
Pt. Dume CA	PDPD	18	28	12	40	6.2	71	1.5	111
Pt. S. Barbara CA	SBSB	8.6	117	6.4	133	.6	126	.1	245
Pt. Conception CA	PCPC	nfgs	-	nfgs	-	nfgs	-	nfgs	-
San Luis Ob. Bay CA	SLSL	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Pacific Grove CA	PGLP	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Monterey Bay CA	MBSC	-	-	-	-	-	-	-	-
Monterey Bay CA	MON	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Southamp. Shl. CA	SHS	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Oakland Est. CA	OAK	17	24	6.3	21	2.9	23	.5	87
Oakland Est. CA	OEIH	110	22	64	27	29	29	5.5	46

Table B.3.2: (Continued)

SITE	CODE	HexaCB mean	HexaCB c.v.%	HeptaCB mean	HeptaCB c.v.%	OctaCB mean	OctaCB c.v.%	NonaCB mean	NonaCB c.v.%
Hunters Pt. CA	HUN	18	24	13	48	3.2	46	1.2	88
San Fran. Bay CA	SFDB	20	40	11	39	6.4	92	.5	183
San Fran. Bay CA	SFSM	21	25	18	51	2.3	123	.8	245
San Fran. Bay CA	SFEM	20	43	20	57	3.2	72	3.5	132
San Pablo Bay CA	PAB	5.6	61	8	51	1.7	92	.7	157
San Pablo Bay CA	SPSM	15	113	6.7	126	nd	-	nd	-
San Pablo Bay CA	SPSP	8.4	41	6.9	44	1.3	77	.1	245
Tomales Bay CA	TBSR	1	40	.1	167	0	245	0	245
Bodega Bay CA	BBBE	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Bodega Bay CA	BOD	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Humboldt Bay CA	HMBJ	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Humboldt Bay CA	HMB	-	-	-	-	-	-	-	-
Pt. St. George OR	SGSG	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Coos Bay OR	COO	4.1	14	.4	173	.1	173	nd	-
Coos Bay OR	CBCH	-	-	-	-	-	-	-	-
Coos Bay OR	CBRP	4.1	78	3.8	115	.4	138	nd	-
Yaquina Bay OR	YBOP	2	85	1.6	62	.7	87	.3	173
Yaquina Head OR	YHSS	1.1	132	1.7	178	.1	245	nd	-
Tillamook Bay OR	TBHP	2.3	82	1.2	28	.7	77	nd	-
Columbia R. OR	CRYB	8.7	77	5.1	63	.7	200	nd	-
Columbia R. OR	COL	4.6	88	1.3	173	nd	-	nd	-
Gray's Hrb. WA	GHWJ	nfgs	-	nfgs	-	nfgs	-	nfgs	-
S. Juan de Fuca WA	JFNB	11	10	6.7	19	2.6	31	.3	102
South Puget Snd. WA	SSBI	8.5	46	4.2	73	1.6	116	.4	115
Nisqually Rch. WA	NIS	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Comm. Bay WA	COM	7	159	4.5	48	5.6	67	2.8	101
Comm. Bay WA	CBBP	11	27	6.2	39	3.1	54	1.2	84
Elliott Bay WA	EBFR	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Elliott Bay WA	ELL	330	23	200	31	51	27	9.2	31
Sinclair Inlet WA	SIWP	30	62	13	68	3.6	71	.9	89
Whidbey Is. WA	WIPP	24	98	9.6	60	3.5	68	.4	48
Bellingham Bay WA	BBSM	2.1	114	1.1	187	.1	245	.2	245
Pt. Roberts WA	PRPR	2.8	42	1.7	57	.2	180	nd	-
Lutak Inlet AK	LUT	.7	59	nd	-	nd	-	nd	-
Nahku Bay AK	NAH	1.4	134	.6	173	nd	-	nd	-
Unakwit Inlet AK	UISB	nd	-	.1	173	.2	92	nd	-
Port Valdez AK	PVMC	.3	46	.1	0	.1	173	nd	-
Oliktok Pt. AK	OLI	12	39	23	45	1.8	80	nd	-
Prudhoe Bay AK	END	7.8	13	17	51	2.3	76	.5	173
Barber's Pt. HI	BPBP	28	89	17	101	10	112	1.3	197
Honolulu Hrb. HI	HHKL	21	55	11	39	2.4	118	.4	120

Table B.3.3: Average normalized concentrations, ng/g dry-wt, and coefficients of variation, per cent, for total polychlorinated byphenyls [**tPCB**] in fine grain sediments at NS&T sites.

		tPCB	
SITE	CODE	mean	c.v.%
Machias Bay ME	MAC	23	68
Frenchmans Bay ME	FRN	9.9	44
Penobscot Bay ME	PNB	34	13
Penobscot Bay ME	PBSI	22	43
Penobscot Bay ME	PBPI	36	47
Casco Bay ME	CSC	99	39
Merrimac R. MA	MER	nfgs	-
Cape Ann MA	CASI	71	8
Salem Hrb. MA	SAL	590	47
Boston Hrb. MA	BHDI	360	46
Boston Hrb. MA	BHDB	880	18
Boston Hrb. MA	BHHB	330	16
Boston Hrb. MA	BOS	1100	41
Buzzards Bay MA	BBRH	360	16
Buzzards Bay MA	BBAR	2100	26
Buzzards Bay MA	BBGN	150	45
Buzzards Bay MA	BUZ	280	95
Narr. Bay RI	NBMH	110	10
Narr. Bay RI	NBCI	62	48
Narr. Bay RI	NBDI	110	31
Narr. Bay RI	NAR	320	66
Block Is. RI	BIBI	34	40
E. Long Is. Snd. CT	ELI	nfgs	-
Long Is. Snd. CT	LICR	220	62
Long Is. Snd. CT	LINH	nfgs	-
Long Is. Snd. CT	LIHR	nfgs	-
Long Is. Snd. CT	LISI	120	37
W. Long Is. Snd. NY	WLI	230	38
Long Is. Snd. NY	LIHU	130	33
Long Is. Snd. NY	LIPJ	nfgs	-
Long Is. Snd. NY	LIMR	170	33
Long Is. Snd. NY	LIHH	260	24
Long Is. Snd. NY	LITN	510	19
Moriches Bay NY	MBTH	160	39
Hud./Rar. Est NY	HRJB	750	4
Hud./Rar. Est. NY	HRUB	200	103
Hud./Rar. Est. NY	HRLB	640	25
Hud./Rar. Est. NJ	HRRB	560	6
Raritan Bay NJ	RAR	760	33
N.Y. Bight NJ	NYSH	720	37
N.Y. Bight NJ	NYLB	nfgs	-
N.Y. Bight NJ	NYSR	nfgs	-
Great Bay NJ	GRB	120	31
Delaware Bay DE	DEL	360	88
Delaware Bay DE	DBFE	82	12
Delaware Bay DE	DBBD	35	36
Delaware Bay DE	DBAP	69	87
Delaware Bay DE	DBKI	63	32
Up. Ches. Bay MD	UCB	120	11
Ches. Bay MD	CBMP	92	37
Ches. Bay MD	CBHP	110	73
Ches. Bay MD	CBHG	nfgs	-
Mid. Ches. Bay VA	MCB	14	-
Ches. Bay VA	CBIB	6.3	19
Ches. Bay VA	CBCC	1.3	141
Ches. Bay VA	CBDP	20	73

Table B.3.3: (Continued)

SITE	CODE	tPCB mean	c.v.%
Low. Ches.Bay VA	LCB	68	56
Chincoteague Bay VA	CBCI	nfgs	-
Quinby Inlet VA	QIUB	33	94
Roanoke Snd. VA	RSJC	nfgs	-
Pamlico Snd. NC	PSWB	nfgs	-
Pamlico Snd. NC	PAM	nd	-
Cape Fear NC	CFBI	5.6	123
Charleston Hrb. SC	CHFJ	.5	173
Charleston Hrb. SC	CHSF	2	178
Charleston Hrb. SC	CHS	45	125
Savannah R. Est. GA	SRTI	23	69
Sapelo Snd. GA	SSSI	nfgs	-
Sapelo Is. GA	SAP	nd	-
St. Johns R. FL	SJCB	89	70
St. Johns R. FL	SJR	260	58
Matanzas R. FL	MRCB	nfgs	-
Biscayne Bay FL	BBPC	35	65
Everglades FL	EVFU	8.1	92
Rookery Bay FL	RBHC	13	84
Naples Bay FL	NBNB	28	99
Charlotte Hrb. FL	CBBI	5	26
Charlotte Hrb. FL	LOT	14	173
Tampa Bay FL	TAM	7.4	-
Tampa Bay FL	TBMK	110	34
Tampa Bay FL	TBCB	nfgs	-
Tampa Bay FL	TBHB	230	-
Tampa Bay FL	TBPB	520	157
Cedar Key FL	CKBP	15	89
Apalachicola Bay FL	APCP	14	125
Apalachicola Bay FL	APDB	35	148
Apalachicola Bay FL	APA	13	151
St. Andrew Bay FL	SAWB	2100	133
Choctawhat. Bay FL	CBSP	290	63
Choctawhat. Bay FL	CBSR	66	193
Pensacola Bay DL	PEN	21	50
Pensacola Bay FL	PBIB	59	77
Mobile Bay AL	MBCP	13	47
Mobile Bay AL	MOB	6.7	110
Round Is. MS	ROU	2.3	186
Heron Bay MS	HER	3.2	107
Miss. Snd. MS	MSPB	15	34
Miss. Snd. MS	MSBB	52	23
Miss. Snd. MS	MSPC	5.6	9
Miss. Delta LA	MRD	29	92
Lake Borgne LA	LBMP	10	66
Breton Snd. LA	BSBG	60	133
Breton Snd. LA	BSSI	5.5	96
Barataria Bay LA	BBSD	12	47
Barataria Bay LA	BBMB	42	97
Barataria Bay LA	BAR	1.4	142
Terrebonne Bay LA	TBLF	17	54
Terrebonne Bay LA	TBLB	27	20
Caillou Lake LA	CLCL	10	78
Atchafalaya Bay LA	ABOB	14	41
Vermillion Bay LA	VBSP	9.2	14
J. Hrb. Bayou LA	JHJH	17	57

Table B.3.3: (Continued)

SITE	CODE	tPCB mean	c.v.%
Calcasieu Lake LA	CLSJ	7.5	31
Sabine Lake TX	SLBB	4.5	57
E. Cote Blanche LA	ECSP	29	36
Galveston Bay TX	GBHR	5.5	62
Galveston Bay TX	GBYC	53	166
Galveston Bay TX	GBTD	7.4	38
Galveston Bay TX	GBCR	5.1	45
Galveston Bay TX	GAL	.4	224
Matagorda Bay TX	MBEM	6.5	98
Matagorda Bay TX	MBTP	5.1	70
Matagorda Bay TX	MBGP	6	70
Matagorda Bay TX	MBLR	5	46
Espiritu Santo TX	ESSP	3.6	21
Espiritu Santo TX	ESBD	17	94
San Antonio Bay TX	SAMP	3.9	80
San Antonio Bay TX	SAPP	5.9	163
San Antonio Bay TX	SAB	8.4	139
Mesquite Bay TX	MBAR	3	63
Copano Bay TX	CBCR	4.8	106
Aransas Bay TX	ABLR	4.7	69
Corpus Christi TX	CCIC	8.2	97
Corpus Christi TX	CCNB	18	69
Corpus Christi Bay TX	CCB	2.1	124
L. Laguna Madre TX	LMSB	3.1	47
L. Laguna Madre TX	LLM	5.8	133
Imperial Beach CA	IBIB	nfgs	-
San Diego Bay CA	SDF	17	75
San Diego Bay CA	SDHI	330	83
San Diego Hrb. CA	SDA	870	29
Pt. Loma CA	PLLH	73	69
Mission Bay CA	MBVB	nfgs	-
La Jolla CA	LJLJ	26	33
Oceanside CA	OSBJ	22	79
Dana Pt. CA	DAN	20	70
Newport Bch. CA	NBBC	54	34
Anaheim Bay CA	ABWJ	49	41
Seal Beach CA	SEA	72	25
Long Beach CA	LNB	330	17
San Pedro Bay CA	SPB	210	22
San Pedro Cyn. CA	SPC	720	27
San Pedro Hrb. CA	SPFP	210	30
Palos Verdes CA	PVRP	980	49
S. Catalina Is. CA	SCBR	nfgs	-
Santa Monica Bay CA	SMB	nfgs	-
Santa Monica Basin CA	SMD	nfgs	-
Marina Del Ray CA	MDSJ	120	43
Pt. Dume CA	PDPD	100	31
Pt. S. Barbara CA	SBSB	43	73
Pt. Conception CA	PCPC	nfgs	-
San Luis Ob. Bay CA	SLSL	nfgs	-
Pacific Grove CA	PGLP	nfgs	-
Monterey Bay CA	MBSC	-	-
Monterey Bay CA	MON	nfgs	-
Southamp. Shl. CA	SHS	nfgs	-
Oakland Est. CA	OAK	68	20
Oakland Est. CA	OEIH	400	19

Table B.3.3: (Continued)

SITE	CODE	tPCB mean	tPCB c.v.%
Hunters Pt. CA	HUN	66	18
San Fran. Bay CA	SFDB	77	48
San Fran. Bay CA	SFSM	79	34
San Fran. Bay CA	SFEM	81	52
San Pablo Bay CA	PAB	31	23
San Pablo Bay CA	SPSM	62	140
San Pablo Bay CA	SPSP	32	26
Tomales Bay CA	TBSR	4.8	73
Bodega Bay CA	BBBE	nfgs	-
Bodega Bay CA	BOD	nfgs	-
Humboldt Bay CA	HMBJ	nfgs	-
Humboldt Bay CA	HMB	-	-
Pt. St. George OR	SGSG	nfgs	-
Coos Bay OR	COO	25	9
Coos Bay OR	CBCH	-	-
Coos Bay OR	CBRP	24	37
Yaquina Bay OR	YBOP	15	55
Yaquina Head OR	YHSS	15	104
Tillamook Bay OR	TBHP	12	6
Columbia R. OR	CRYB	44	58
Columbia R. OR	COL	18	97
Gray's Hrb. WA	GHWJ	nfgs	-
S. Juan de Fuca WA	JFNB	51	15
South Puget Snd. WA	SSBI	39	50
Nisqually Rch. WA	NIS	nfgs	-
Comm. Bay WA	COM	26	82
Comm. Bay WA	CBBP	53	23
Elliott Bay WA	EBFR	nfgs	-
Elliott Bay WA	ELL	900	21
Sinclair Inlet WA	SIWP	89	47
Whidbey Is. WA	WIPP	82	65
Bellingham Bay WA	BBSM	10	80
Pt. Roberts WA	PRPR	20	23
Lutak Inlet AK	LUT	2.8	14
Nahku Bay AK	NAH	11	103
Unakwit Inlet AK	UISB	4.5	94
Port Valdez AK	PVMC	3.3	35
Oliktok Pt. AK	OLI	58	33
Prudhoe Bay AK	END	60	53
Barber's Pt. HI	BPBP	110	89
Honolulu Hrb. HI	HHKL	64	33

Table B.4.1: Average normalized concentrations, ng/g dry-wt, and coefficients of variation, per cent, for **Biphenyl**, Naphthalene [**Naph**], 1-Methylnaphthalene [**1MNaph**] and 2-Methylnaphthalene [**2MNaph**] in fine grain sediments at NS&T sites.

		Biphenyl		**Naph**		**1MNaph**		**2MNaph**	
SITE	CODE	mean	c.v.%	mean	c.v.%	mean	c.v.%	mean	c.v.%
Machias Bay ME	MAC	nd	-	6.3	173	nd	-	nd	-
Frenchmans Bay ME	FRN	nd	-	nd	-	nd	-	nd	-
Penobscot Bay ME	PNB	nd	-	13	107	6.8	173	9.8	98
Penobscot Bay ME	PBSI	13	114	130	37	110	42	160	41
Penobscot Bay ME	PBPI	nd	-	34	87	nd	-	nd	-
Casco Bay ME	CSC	nd	-	29	100	nd	-	14	138
Merrimac R. MA	MER	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Cape Ann MA	CASI	nd	-	23	173	nd	-	nd	-
Salem Hrb. MA	SAL	nd	-	330	75	77	102	62	130
Boston Hrb. MA	BHDI	10	224	160	21	nd	-	130	32
Boston Hrb. MA	BHDB	18	138	180	44	45	92	150	61
Boston Hrb. MA	BHHB	nd	-	32	173	nd	-	nd	-
Boston Hrb. MA	BOS	550	189	2700	189	2800	189	7400	200
Buzzards Bay MA	BBRH	1	245	24	84	2.7	245	11	122
Buzzards Bay MA	BBAR	46	224	980	115	110	147	360	125
Buzzards Bay MA	BBGN	nd	-	5.5	224	nd	-	nd	-
Buzzards Bay MA	BUZ	nd	-	7.2	283	nd	-	18	149
Narr. Bay RI	NBMH	37	14	85	10	25	31	59	13
Narr. Bay RI	NBCI	8	166	30	51	nd	-	9	155
Narr. Bay RI	NBDI	nd	-	160	40	nd	-	53	148
Narr. Bay RI	NAR	17	146	47	122	18	124	41	55
Block Is. RI	BIBI	nd	-	9.4	173	nd	-	nd	-
E. Long Is. Snd. CT	ELI	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Long Is. Snd. CT	LICR	9.4	130	45	78	12	128	26	110
Long Is. Snd. CT	LINH	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Long Is. Snd. CT	LIHR	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Long Is. Snd. CT	LISI	20	224	490	191	84	224	150	224
W. Long Is. Snd. NY	WLI	8	112	120	31	39	39	68	32
Long Is. Snd. NY	LIHU	3.7	118	43	74	6.6	132	20	127
Long Is. Snd. NY	LIPJ	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Long Is. Snd. NY	LIMR	nd	-	43	84	nd	-	7.9	245
Long Is. Snd. NY	LIHH	15	155	130	47	19	157	76	72
Long Is. Snd. NY	LITN	53	75	300	24	96	62	270	18
Moriches Bay NY	MBTH	nd	-	160	78	nd	-	nd	-
Hud./Rar. Est NY	HRJB	77	21	280	4	80	4	230	13
Hud./Rar. Est. NY	HRUB	310	88	1000	88	660	87	1600	87
Hud./Rar. Est. NY	HRLB	120	24	460	25	120	23	330	22
Hud./Rar. Est. NJ	HRRB	72	14	290	11	72	12	200	13
Raritan Bay NJ	RAR	44	64	240	24	75	37	170	25
N.Y. Bight NJ	NYSH	90	24	400	29	100	26	290	26
N.Y. Bight NJ	NYLB	nfgs	-	nfgs	-	nfgs	-	nfgs	-
N.Y. Bight NJ	NYSR	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Great Bay NJ	GRB	nd	-	42	14	14	87	29	12
Delaware Bay DE	DEL	22	93	24	87	.8	173	15	88
Delaware Bay DE	DBFE	nd	-	35	101	nd	-	nd	-
Delaware Bay DE	DBBD	nd	-	32	41	nd	-	nd	-
Delaware Bay DE	DBAP	4.4	156	48	103	3.7	245	28	135
Delaware Bay DE	DBKI	3.5	110	54	14	nd	-	16	110
Up. Ches. Bay MD	UCB	92	66	490	29	170	36	270	70
Ches. Bay MD	CBMP	60	52	430	40	110	24	260	17
Ches. Bay MD	CBHP	57	56	320	31	110	19	260	16
Ches. Bay MD	CBHG	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Mid. Ches. Bay VA	MCB	nd	-	17	-	19	-	11	-
Ches. Bay VA	CBIB	nd	-	nd	-	nd	-	nd	-
Ches. Bay VA	CBCC	nd	-	nd	-	nd	-	nd	-
Ches. Bay VA	CBDP	nd	-	nd	-	nd	-	nd	-

Table B.4.1: (Continued)

SITE	CODE	Biphenyl mean	Biphenyl c.v.%	Naph mean	Naph c.v.%	1MNaph mean	1MNaph c.v.%	2MNaph mean	2MNaph c.v.%
Low. Ches.Bay VA	LCB	nd	-	nd	-	nd	-	nd	-
Chincoteague Bay VA	CBCI	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Quinby Inlet VA	QIUB	nd	-	nd	-	nd	-	3.9	245
Roanoke Snd. VA	RSJC	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Pamlico Snd. NC	PSWB	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Pamlico Snd. NC	PAM	nd	-	18	152	2.6	224	2.2	224
Cape Fear NC	CFBI	nd	-	nd	-	nd	-	nd	-
Charleston Hrb. SC	CHFJ	nd	-	nd	-	nd	-	nd	-
Charleston Hrb. SC	CHSF	nd	-	nd	-	nd	-	nd	-
Charleston Hrb. SC	CHS	2.9	245	6.5	168	nd	-	1.6	245
Savannah R. Est. GA	SRTI	6.7	141	13	9	nd	-	2.2	141
Sapelo Snd. GA	SSSI	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Sapelo Is. GA	SAP	14	124	13	113	1.7	245	nd	-
St. Johns R. FL	SJCB	nd	-	24	38	nd	-	1.5	224
St. Johns R. FL	SJR	22	118	300	93	36	127	140	108
Matanzas R. FL	MRCB	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Biscayne Bay FL	BBPC	nd	-	nd	-	11	158	nd	-
Everglades FL	EVFU	nd	-	nd	-	1.3	200	1.6	200
Rookery Bay FL	RBHC	nd	-	nd	-	nd	-	nd	-
Naples Bay FL	NBNB	nd	-	40	170	3.3	200	11	121
Charlotte Hrb. FL	CBBI	4.1	141	180	141	66	141	79	141
Charlotte Hrb. FL	LOT	nd	-	nd	-	9	173	nd	-
Tampa Bay FL	TAM	19	-	16	-	88	-	nd	-
Tampa Bay FL	TBMK	nd	-	nd	-	nd	-	nd	-
Tampa Bay FL	TBCB	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Tampa Bay FL	TBHB	nd	-	26	-	13	-	18	-
Tampa Bay FL	TBPB	nd	-	26	19	14	101	24	9
Cedar Key FL	CKBP	nd	-	4.9	224	1.9	224	nd	-
Apalachicola Bay FL	APCP	nd	-	nd	-	nd	-	4	173
Apalachicola Bay FL	APDB	nd	-	3.5	157	nd	-	nd	-
Apalachicola Bay FL	APA	8.8	245	nd	-	nd	-	nd	-
St. Andrew Bay FL	SAWB	240	94	940	101	220	113	420	104
Choctawhat. Bay FL	CBSP	11	140	24	70	19	52	29	29
Choctawhat. Bay FL	CBSR	10	155	3.5	200	nd	-	2.8	156
Pensacola Bay DL	PEN	nd	-	70	15	39	64	30	135
Pensacola Bay FL	PBIB	1.4	245	25	116	6	161	8.9	116
Mobile Bay AL	MBCP	nd	-	18	27	2.3	200	8.2	72
Mobile Bay AL	MOB	nd	-	1.8	245	nd	-	3.6	155
Round Is. MS	ROU	1	300	3.9	198	1.9	201	nd	-
Heron Bay MS	HER	nd	-	nd	-	nd	-	nd	-
Miss. Snd. MS	MSPB	nd	-	4.3	200	nd	-	4.5	112
Miss. Snd. MS	MSBB	34	101	130	91	44	106	110	108
Miss. Snd. MS	MSPC	4.9	87	nd	-	nd	-	nd	-
Miss. Delta LA	MRD	nd	-	26	47	18	56	35	54
Lake Borgne LA	LBMP	nd	-	nd	-	1.1	245	4.7	124
Breton Snd. LA	BSBG	nd	-	nd	-	nd	-	nd	-
Breton Snd. LA	BSSI	nd	-	nd	-	nd	-	1.1	245
Barataria Bay LA	BBSD	1	245	3.9	116	1.5	245	6.7	53
Barataria Bay LA	BBMB	nd	-	nd	-	nd	-	1.5	245
Barataria Bay LA	BAR	9.6	137	5.9	224	6	139	nd	-
Terrebonne Bay LA	TBLF	nd	-	6.5	106	2.2	155	4.1	119
Terrebonne Bay LA	TBLB	3.4	173	nd	-	nd	-	4.7	87
Caillou Lake LA	CLCL	nd	-	12	97	2.7	155	1.2	245
Atchafalaya Bay LA	ABOB	nd	-	14	52	9.2	80	13	54
Vermillion Bay LA	VBSP	nd	-	64	140	nd	-	nd	-
J. Hrb. Bayou LA	JHJH	3.8	138	5.2	141	4.9	95	11	31

Table B.4.1: (Continued)

SITE	CODE	Biphenyl mean	Biphenyl c.v.%	Naph mean	Naph c.v.%	1MNaph mean	1MNaph c.v.%	2MNaph mean	2MNaph c.v.%
Calcasieu Lake LA	CLSJ	nd	-	8.5	62	1.1	245	5.3	81
Sabine Lake TX	SLBB	2.7	245	nd	-	2.1	245	1.4	245
E. Cote Blanche LA	ECSP	2.7	173	17	27	13	39	18	41
Galveston Bay TX	GBHR	nd	-	4.2	167	7.6	201	7.7	162
Galveston Bay TX	GBYC	nd	-	6	245	5.6	245	5.2	245
Galveston Bay TX	GBTD	7.8	188	1.3	224	5.1	245	2.4	245
Galveston Bay TX	GBCR	4.1	245	nd	-	3.8	245	2.2	245
Galveston Bay TX	GAL	nd	-	nd	-	nd	-	nd	-
Matagorda Bay TX	MBEM	6	224	nd	-	7.2	156	4.7	138
Matagorda Bay TX	MBTP	nd	-	8	245	2.8	245	5.2	245
Matagorda Bay TX	MBGP	nd	-	2.2	245	4.4	245	5	182
Matagorda Bay TX	MBLR	3.5	245	1.1	224	3.9	185	2.8	156
Espiritu Santo TX	ESSP	nd	-	2.5	245	1.3	245	nd	-
Espiritu Santo TX	ESBD	nd	-	nd	-	nd	-	nd	-
San Antonio Bay TX	SAMP	nd	-	nd	-	4	245	5.1	245
San Antonio Bay TX	SAPP	nd	-	4.3	224	2	224	nd	-
San Antonio Bay TX	SAB	7	160	12	156	nd	-	nd	-
Mesquite Bay TX	MBAR	3.9	245	nd	-	3.2	245	2.7	158
Copano Bay TX	CBCR	nd	-	nd	-	nd	-	2.2	156
Aransas Bay TX	ABLR	nd	-	nd	-	nd	-	2.2	245
Corpus Christi TX	CCIC	nd	-	nd	-	nd	-	nd	-
Corpus Christi TX	CCNB	3.8	245	nd	-	3.4	245	4	155
Corpus Christi Bay TX	CCB	nd	-	2.6	224	nd	-	nd	-
L. Laguna Madre TX	LMSB	nd	-	nd	-	nd	-	nd	-
L. Laguna Madre TX	LLM	17	123	8	166	7.5	162	nd	-
Imperial Beach CA	IBIB	nfgs	-	nfgs	-	nfgs	-	nfgs	-
San Diego Bay CA	SDF	5.3	141	33	105	3.2	141	5.3	141
San Diego Bay CA	SDHI	nd	-	43	158	nd	-	nd	-
San Diego Hrb. CA	SDA	13	181	100	114	9.3	224	72	198
Pt. Loma CA	PLLH	nd	-	nd	-	nd	-	nd	-
Mission Bay CA	MBVB	nfgs	-	nfgs	-	nfgs	-	nfgs	-
La Jolla CA	LJLJ	nd	-	nd	-	nd	-	nd	-
Oceanside CA	OSBJ	nd	-	nd	-	nd	-	nd	-
Dana Pt. CA	DAN	nd	-	nd	-	.9	224	nd	-
Newport Bch. CA	NBBC	nd	-	nd	-	6.8	138	nd	-
Anaheim Bay CA	ABWJ	nd	-	nd	-	nd	-	nd	-
Seal Beach CA	SEA	.4	173	3.2	173	2.4	173	2.8	173
Long Beach CA	LNB	8.3	114	45	48	31	143	27	95
San Pedro Bay CA	SPB	2.6	173	29	122	28	70	45	73
San Pedro Cyn. CA	SPC	nd	-	22	141	nd	-	24	141
San Pedro Hrb. CA	SPFP	nd	-	13	224	49	85	130	60
Palos Verdes CA	PVRP	1.7	245	32	54	23	86	59	56
S. Catalina Is. CA	SCBR	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Santa Monica Bay CA	SMB	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Santa Monica Basin CA	SMD	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Marina Del Ray CA	MDSJ	nd	-	2.9	245	nd	-	nd	-
Pt. Dume CA	PDPD	nd	-	nd	-	nd	-	nd	-
Pt. S. Barbara CA	SBSB	nd	-	nd	-	nd	-	nd	-
Pt. Conception CA	PCPC	nfgs	-	nfgs	-	nfgs	-	nfgs	-
San Luis Ob. Bay CA	SLSL	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Pacific Grove CA	PGLP	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Monterey Bay CA	MBSC	3.5	-	8.9	-	10	-	12	-
Monterey Bay CA	MON	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Southamp. Shl. CA	SHS	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Oakland Est. CA	OAK	4.8	173	51	22	7.4	173	10	173
Oakland Est. CA	OEIH	nd	-	99	17	nd	-	nd	-

SITE	CODE	Biphenyl mean	Biphenyl c.v.%	Naph mean	Naph c.v.%	1MNaph mean	1MNaph c.v.%	2MNaph mean	2MNaph c.v.%
Hunters Pt. CA	HUN	15	75	89	32	9.3	94	34	33
San Fran. Bay CA	SFDB	nd	-	20	110	nd	-	6.6	155
San Fran. Bay CA	SFSM	2.8	245	37	54	2.4	245	3.3	245
San Fran. Bay CA	SFEM	nd	-	44	8	nd	-	14	83
San Pablo Bay CA	PAB	nd	-	9	162	2.5	245	nd	-
San Pablo Bay CA	SPSM	nd	-	110	141	16	142	26	154
San Pablo Bay CA	SPSP	1.9	245	29	14	5.5	131	12	90
Tomales Bay CA	TBSR	14	49	23	51	33	21	58	26
Bodega Bay CA	BBBE	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Bodega Bay CA	BOD	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Humboldt Bay CA	HMBJ	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Humboldt Bay CA	HMB	-	-	-	-	-	-	-	-
Pt. St. George OR	SGSG	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Coos Bay OR	COO	nd	-	230	88	17	173	62	41
Coos Bay OR	CBCH	-	-	-	-	-	-	-	-
Coos Bay OR	CBRP	nd	-	13	224	nd	-	nd	-
Yaquina Bay OR	YBOP	nd	-	47	54	nd	-	nd	-
Yaquina Head OR	YHSS	nd	-	nd	-	nd	-	4.7	245
Tillamook Bay OR	TBHP	nd	-	nd	-	nd	-	31	141
Columbia R. OR	CRYB	nd	-	16	200	nd	-	nd	-
Columbia R. OR	COL	nd	-	15	173	11	173	8.7	173
Gray's Hrb. WA	GHWJ	nfgs	-	nfgs	-	nfgs	-	nfgs	-
S. Juan de Fuca WA	JFNB	nd	-	nd	-	30	95	92	41
South Puget Snd. WA	SSBI	nd	-	70	83	21	117	24	127
Nisqually Rch. WA	NIS	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Comm. Bay WA	COM	14	30	120	25	56	41	99	14
Comm. Bay WA	CBBP	nd	-	99	39	59	33	88	37
Elliott Bay WA	EBFR	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Elliott Bay WA	ELL	31	79	380	41	110	27	170	23
Sinclair Inlet WA	SIWP	nd	-	66	19	50	18	57	20
Whidbey Is. WA	WIPP	nd	-	24	103	21	96	25	98
Bellingham Bay WA	BBSM	28	44	180	43	29	62	60	37
Pt. Roberts WA	PRPR	nd	-	41	111	28	72	59	39
Lutak Inlet AK	LUT	nd	-	nd	-	nd	-	nd	-
Nahku Bay AK	NAH	nd	-	nd	-	nd	-	nd	-
Unakwit Inlet AK	UISB	nd	-	nd	-	nd	-	nd	-
Port Valdez AK	PVMC	nd	-	nd	-	nd	-	nd	-
Oliktok Pt. AK	OLI	26	42	48	87	150	13	220	8
Prudhoe Bay AK	END	26	99	56	58	67	49	160	59
Barber's Pt. HI	BPBP	nd	-	17	245	nd	-	nd	-
Honolulu Hrb. HI	HHKL	nd	-	23	245	33	205	56	208

Table B.4.2: Average normalized concentrations, ng/g dry-wt, and coefficients of variation, per cent, for 2,6-Dimethylnaphthalene **[2,6DMNaph]**, Acenaphthene **[AceNaph]**, **Fluorene** and Phenanthrene **[Phenan]** in fine grain sediments at NS&T sites.

		2,6DMNaph		**AceNaph**		**Fluorene**		**Phenan**	
SITE	CODE	mean	c.v.%	mean	c.v.%	mean	c.v.%	mean	c.v.%
Machias Bay ME	MAC	nd	-	nd	-	nd	-	6.7	173
Frenchmans Bay ME	FRN	nd	-	nd	-	nd	-	54	19
Penobscot Bay ME	PNB	5.7	173	nd	-	3.4	173	170	87
Penobscot Bay ME	PBSI	65	64	8.2	116	34	89	290	24
Penobscot Bay ME	PBPI	nd	-	nd	-	52	89	760	71
Casco Bay ME	CSC	32	200	12	200	6.2	200	210	61
Merrimac R. MA	MER	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Cape Ann MA	CASI	nd	-	nd	-	nd	-	680	13
Salem Hrb. MA	SAL	33	141	20	181	90	69	910	36
Boston Hrb. MA	BHDI	76	60	nd	-	56	14	530	24
Boston Hrb. MA	BHDB	110	84	24	139	71	59	710	47
Boston Hrb. MA	BHHB	nd	-	nd	-	nd	-	330	29
Boston Hrb. MA	BOS	3200	188	270	96	460	162	1700	109
Buzzards Bay MA	BBRH	nd	-	15	144	45	71	490	45
Buzzards Bay MA	BBAR	47	224	nd	-	63	141	730	65
Buzzards Bay MA	BBGN	nd	-	nd	-	nd	-	170	71
Buzzards Bay MA	BUZ	nd	-	nd	-	nd	-	61	52
Narr. Bay RI	NBMH	33	28	9	57	29	24	220	18
Narr. Bay RI	NBCI	nd	-	8.2	245	6.6	156	160	10
Narr. Bay RI	NBDI	nd	-	30	224	82	108	930	105
Narr. Bay RI	NAR	nd	-	4.2	136	20	80	180	46
Block Is. RI	BIBI	nd	-	nd	-	nd	-	250	43
E. Long Is. Snd. CT	ELI	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Long Is. Snd. CT	LICR	15	120	17	120	35	118	530	36
Long Is. Snd. CT	LINH	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Long Is. Snd. CT	LIHR	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Long Is. Snd. CT	LISI	27	224	140	224	280	224	1800	177
W. Long Is. Snd. NY	WLI	23	68	3	137	23	28	280	27
Long Is. Snd. NY	LIHU	10	128	8.5	273	14	170	260	59
Long Is. Snd. NY	LIPJ	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Long Is. Snd. NY	LIMR	nd	-	nd	-	14	155	490	38
Long Is. Snd. NY	LIHH	130	197	28	165	74	70	440	39
Long Is. Snd. NY	LITN	150	39	77	48	130	26	890	27
Moriches Bay NY	MBTH	nd	-	nd	-	nd	-	200	36
Hud./Rar. Est NY	HRJB	150	15	nd	-	130	35	600	28
Hud./Rar. Est. NY	HRUB	630	90	610	93	340	87	1800	90
Hud./Rar. Est. NY	HRLB	200	23	100	24	180	33	970	36
Hud./Rar. Est. NJ	HRRB	130	16	53	10	100	9	560	8
Raritan Bay NJ	RAR	91	25	44	58	67	30	420	25
N.Y. Bight NJ	NYSH	160	24	42	90	110	46	610	26
N.Y. Bight NJ	NYLB	nfgs	-	nfgs	-	nfgs	-	nfgs	-
N.Y. Bight NJ	NYSR	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Great Bay NJ	GRB	5.9	173	nd	-	4.2	173	110	16
Delaware Bay DE	DEL	nd	-	nd	-	3.4	173	41	87
Delaware Bay DE	DBFE	nd	-	nd	-	nd	-	nd	-
Delaware Bay DE	DBBD	nd	-	nd	-	nd	-	nd	-
Delaware Bay DE	DBAP	5.3	245	nd	-	13	114	54	103
Delaware Bay DE	DBKI	3.8	245	nd	-	5.7	111	76	18
Up. Ches. Bay MD	UCB	130	48	37	23	110	46	470	23
Ches. Bay MD	CBMP	120	17	73	57	150	24	620	15
Ches. Bay MD	CBHP	120	32	nd	-	140	43	520	40
Ches. Bay MD	CBHG	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Mid. Ches. Bay VA	MCB	nd	-	nd	-	nd	-	32	-
Ches. Bay VA	CBIB	nd	-	nd	-	nd	-	15	224
Ches. Bay VA	CBCC	nd	-	nd	-	nd	-	nd	-
Ches. Bay VA	CBDP	nd	-	nd	-	nd	-	nd	-

Table B.4.2: (Continued)

SITE	CODE	2,6DMNaph mean	2,6DMNaph c.v.%	AceNaph mean	AceNaph c.v.%	Fluorene mean	Fluorene c.v.%	Phenan mean	Phenan c.v.%
Low. Ches.Bay VA	LCB	nd	-	nd	-	nd	-	33	33
Chincoteague Bay VA	CBCI	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Quinby Inlet VA	QIUB	2.4	245	nd	-	1.6	245	52	155
Roanoke Snd. VA	RSJC	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Pamlico Snd. NC	PSWB	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Pamlico Snd. NC	PAM	nd	-	nd	-	nd	-	52	137
Cape Fear NC	CFBI	nd	-	nd	-	nd	-	39	162
Charleston Hrb. SC	CHFJ	nd	-	nd	-	nd	-	13	173
Charleston Hrb. SC	CHSF	nd	-	nd	-	nd	-	51	100
Charleston Hrb. SC	CHS	nd	-	.5	245	27	66	120	93
Savannah R. Est. GA	SRTI	1.3	141	nd	-	.9	141	33	2
Sapelo Snd. GA	SSSI	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Sapelo Is. GA	SAP	8.8	110	nd	-	nd	-	150	220
St. Johns R. FL	SJCB	nd	-	nd	-	1.9	224	48	44
St. Johns R. FL	SJR	34	125	67	116	110	99	350	83
Matanzas R. FL	MRCB	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Biscayne Bay FL	BBPC	17	245	nd	-	25	159	nd	-
Everglades FL	EVFU	nd	-	nd	-	nd	-	6.6	88
Rookery Bay FL	RBHC	4.5	245	nd	-	nd	-	8	87
Naples Bay FL	NBNB	nd	-	4.2	200	6.3	116	28	24
Charlotte Hrb. FL	CBBI	11	141	nd	-	12	141	9.9	141
Charlotte Hrb. FL	LOT	nd	-	nd	-	2.4	173	68	173
Tampa Bay FL	TAM	19	-	10	-	nd	-	nd	-
Tampa Bay FL	TBMK	nd	-	nd	-	nd	-	93	38
Tampa Bay FL	TBCB	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Tampa Bay FL	TBHB	13	-	11	-	17	-	130	-
Tampa Bay FL	TBPB	10	95	nd	-	21	37	160	48
Cedar Key FL	CKBP	3.1	224	nd	-	nd	-	9.6	138
Apalachicola Bay FL	APCP	nd	-	nd	-	nd	-	15	91
Apalachicola Bay FL	APDB	1.7	245	nd	-	nd	-	39	82
Apalachicola Bay FL	APA	nd	-	nd	-	nd	-	nd	-
St. Andrew Bay FL	SAWB	190	61	180	111	210	98	930	61
Choctawhat. Bay FL	CBSP	13	77	100	60	75	57	700	43
Choctawhat. Bay FL	CBSR	nd	-	nd	-	nd	-	30	99
Pensacola Bay DL	PEN	20	98	8	173	2.9	173	140	24
Pensacola Bay FL	PBIB	nd	-	15	116	5.4	170	74	47
Mobile Bay AL	MBCP	2	200	nd	-	1.8	200	48	46
Mobile Bay AL	MOB	nd	-	nd	-	2.9	245	11	81
Round Is. MS	ROU	2.5	200	nd	-	nd	-	16	108
Heron Bay MS	HER	nd	-	nd	-	nd	-	12	173
Miss. Snd. MS	MSPB	nd	-	nd	-	1.2	245	21	74
Miss. Snd. MS	MSBB	88	98	170	116	330	119	1200	115
Miss. Snd. MS	MSPC	nd	-	nd	-	nd	-	25	44
Miss. Delta LA	MRD	nd	-	nd	-	1.5	245	58	43
Lake Borgne LA	LBMP	nd	-	nd	-	3.4	155	21	76
Breton Snd. LA	BSBG	nd	-	nd	-	nd	-	nd	-
Breton Snd. LA	BSSI	nd	-	nd	-	nd	-	4.8	161
Barataria Bay LA	BBSD	4.6	119	nd	-	7.5	57	31	45
Barataria Bay LA	BBMB	1.7	245	11	159	10	115	60	54
Barataria Bay LA	BAR	7.2	138	nd	-	4.6	224	18	141
Terrebonne Bay LA	TBLF	2.1	155	nd	-	6.3	84	24	80
Terrebonne Bay LA	TBLB	5	87	nd	-	2.4	173	7.7	173
Caillou Lake LA	CLCL	4.3	245	nd	-	4.8	110	26	35
Atchafalaya Bay LA	ABOB	4.9	122	nd	-	4.9	124	32	49
Vermillion Bay LA	VBSP	nd	-	nd	-	2.8	173	18	45
J. Hrb. Bayou LA	JHJH	1.7	224	nd	-	nd	-	7.2	141

Table B.4.2: (Continued)

SITE	CODE	2,6DMNaph mean	2,6DMNaph c.v.%	AceNaph mean	AceNaph c.v.%	Fluorene mean	Fluorene c.v.%	Phenan mean	Phenan c.v.%
Calcasieu Lake LA	CLSJ	2.6	155	nd	-	1.2	245	13	28
Sabine Lake TX	SLBB	nd	-	nd	-	nd	-	nd	-
E. Cote Blanche LA	ECSP	4.4	173	nd	-	nd	-	40	53
Galveston Bay TX	GBHR	1.8	245	nd	-	nd	-	7.6	71
Galveston Bay TX	GBYC	2.4	245	14	245	15	206	140	208
Galveston Bay TX	GBTD	nd	-	2	245	nd	-	12	62
Galveston Bay TX	GBCR	nd	-	1.9	245	2.9	245	32	88
Galveston Bay TX	GAL	nd	-	nd	-	nd	-	4.6	145
Matagorda Bay TX	MBEM	nd	-	1.7	224	nd	-	1.7	224
Matagorda Bay TX	MBTP	1.2	245	nd	-	1.8	245	6.8	174
Matagorda Bay TX	MBGP	nd	-	1	245	nd	-	12	52
Matagorda Bay TX	MBLR	nd	-	nd	-	nd	-	13	113
Espiritu Santo TX	ESSP	nd	-	nd	-	nd	-	9.3	42
Espiritu Santo TX	ESBD	nd	-	nd	-	nd	-	11	141
San Antonio Bay TX	SAMP	nd	-	nd	-	nd	-	3.4	245
San Antonio Bay TX	SAPP	nd	-	nd	-	nd	-	3.6	224
San Antonio Bay TX	SAB	5.8	178	nd	-	nd	-	14	157
Mesquite Bay TX	MBAR	1.1	245	1.1	245	nd	-	5	87
Copano Bay TX	CBCR	nd	-	nd	-	nd	-	1.2	245
Aransas Bay TX	ABLR	nd	-	nd	-	nd	-	3.3	165
Corpus Christi TX	CCIC	nd	-	nd	-	7.4	200	41	200
Corpus Christi TX	CCNB	nd	-	1.7	245	2.6	156	23	127
Corpus Christi Bay TX	CCB	nd	-	nd	-	nd	-	nd	-
L. Laguna Madre TX	LMSB	nd	-	nd	-	nd	-	nd	-
L. Laguna Madre TX	LLM	3.4	245	nd	-	nd	-	35	110
Imperial Beach CA	IBIB	nfgs	-	nfgs	-	nfgs	-	nfgs	-
San Diego Bay CA	SDF	nd	-	nd	-	nd	-	16	49
San Diego Bay CA	SDHI	nd	-	nd	-	nd	-	130	55
San Diego Hrb. CA	SDA	23	140	44	152	210	193	500	109
Pt. Loma CA	PLLH	nd	-	nd	-	nd	-	nd	-
Mission Bay CA	MBVB	nfgs	-	nfgs	-	nfgs	-	nfgs	-
La Jolla CA	LJLJ	nd	-	nd	-	nd	-	nd	-
Oceanside CA	OSBJ	nd	-	nd	-	nd	-	.8	245
Dana Pt. CA	DAN	.9	224	nd	-	nd	-	nd	-
Newport Bch. CA	NBBC	nd	-	nd	-	nd	-	23	125
Anaheim Bay CA	ABWJ	nd	-	nd	-	nd	-	7.4	112
Seal Beach CA	SEA	.4	173	.4	173	.8	173	27	91
Long Beach CA	LNB	5	173	nd	-	14	98	80	12
San Pedro Bay CA	SPB	6.5	120	5.1	89	2.2	173	47	103
San Pedro Cyn. CA	SPC	nd	-	nd	-	nd	-	100	79
San Pedro Hrb. CA	SPFP	57	84	nd	-	11	245	85	79
Palos Verdes CA	PVRP	29	81	nd	-	19	97	35	83
S. Catalina Is. CA	SCBR	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Santa Monica Bay CA	SMB	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Santa Monica Basin CA	SMD	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Marina Del Ray CA	MDSJ	nd	-	nd	-	3.9	245	41	98
Pt. Dume CA	PDPD	nd	-	nd	-	nd	-	170	209
Pt. S. Barbara CA	SBSB	nd	-	nd	-	35	90	30	90
Pt. Conception CA	PCPC	nfgs	-	nfgs	-	nfgs	-	nfgs	-
San Luis Ob. Bay CA	SLSL	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Pacific Grove CA	PGLP	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Monterey Bay CA	MBSC	13	-	nd	-	nd	-	43	-
Monterey Bay CA	MON	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Southamp. Shl. CA	SHS	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Oakland Est. CA	OAK	7	173	5.5	173	4.8	173	180	7
Oakland Est. CA	OEIH	nd	-	nd	-	20	173	360	33

Table B.4.2: (Continued)

SITE	CODE	2,6DMNaph mean	2,6DMNaph c.v.%	AceNaph mean	AceNaph c.v.%	Fluorene mean	Fluorene c.v.%	Phenan mean	Phenan c.v.%
Hunters Pt. CA	HUN	14	61	47	77	41	68	510	60
San Fran. Bay CA	SFDB	nd	-	nd	-	2.7	245	190	24
San Fran. Bay CA	SFSM	3	245	13	136	3.5	245	200	23
San Fran. Bay CA	SFEM	nd	-	3.3	245	6.2	156	170	18
San Pablo Bay CA	PAB	nd	-	nd	-	nd	-	18	85
San Pablo Bay CA	SPSM	3.6	245	nd	-	2.9	245	71	25
San Pablo Bay CA	SPSP	nd	-	1.9	245	6.7	88	98	14
Tomales Bay CA	TBSR	27	49	nd	-	nd	-	95	13
Bodega Bay CA	BBBE	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Bodega Bay CA	BOD	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Humboldt Bay CA	HMBJ	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Humboldt Bay CA	HMB	-	-	-	-	-	-	-	-
Pt. St. George OR	SGSG	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Coos Bay OR	COO	nd	-	24	89	60	26	270	39
Coos Bay OR	CBCH	-	-	-	-	-	-	-	-
Coos Bay OR	CBRP	nd	-	nd	-	nd	-	35	137
Yaquina Bay OR	YBOP	nd	-	nd	-	nd	-	68	57
Yaquina Head OR	YHSS	nd	-	nd	-	nd	-	9	224
Tillamook Bay OR	TBHP	nd	-	nd	-	nd	-	nd	-
Columbia R. OR	CRYB	nd	-	nd	-	nd	-	39	116
Columbia R. OR	COL	15	173	nd	-	nd	-	31	92
Gray's Hrb. WA	GHWJ	nfgs	-	nfgs	-	nfgs	-	nfgs	-
S. Juan de Fuca WA	JFNB	22	173	nd	-	nd	-	150	27
South Puget Snd. WA	SSBI	32	147	12	245	18	202	95	124
Nisqually Rch. WA	NIS	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Comm. Bay WA	COM	77	18	14	52	30	24	150	19
Comm. Bay WA	CBBP	73	20	nd	-	16	122	170	40
Elliott Bay WA	EBFR	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Elliott Bay WA	ELL	97	31	140	34	190	31	1200	53
Sinclair Inlet WA	SIWP	56	23	27	23	49	29	310	39
Whidbey Is. WA	WIPP	nd	-	nd	-	nd	-	84	59
Bellingham Bay WA	BBSM	21	104	4.4	245	19	141	290	42
Pt. Roberts WA	PRPR	43	30	nd	-	6.5	178	110	46
Lutak Inlet AK	LUT	nd	-	nd	-	nd	-	nd	-
Nahku Bay AK	NAH	nd	-	nd	-	nd	-	nd	-
Unakwit Inlet AK	UISB	nd	-	nd	-	nd	-	nd	-
Port Valdez AK	PVMC	nd	-	nd	-	nd	-	-	-
Oliktok Pt. AK	OLI	61	37	nd	-	30	12	130	10
Prudhoe Bay AK	END	41	108	nd	-	24	125	110	51
Barber's Pt. HI	BPBP	nd	-	nd	-	nd	-	300	68
Honolulu Hrb. HI	HHKL	61	245	7.5	245	15	158	220	71

Table B.4.3: Average normalized concentrations, ng/g dry-wt, and coefficients of variation, per cent, for 1-Methylphenanthrene [**1MPhenan**], Anthracene [**Anthra**], Fluoranthene[**Fluoran**] and **Pyrene** in fine grain sediments at NS&T sites.

		1MPhenan		Anthra		Fluoran		Pyrene	
SITE	CODE	mean	c.v.%	mean	c.v.%	mean	c.v.%	mean	c.v.%
Machias Bay ME	MAC	360	44	3.9	173	22	42	17	98
Frenchmans Bay ME	FRN	3.7	56	.7	173	67	22	34	35
Penobscot Bay ME	PNB	24	35	6.1	173	150	74	120	84
Penobscot Bay ME	PBSI	310	111	100	35	530	14	460	16
Penobscot Bay ME	PBPI	86	99	170	97	1800	79	1300	75
Casco Bay ME	CSC	1100	196	270	179	380	65	410	86
Merrimac R. MA	MER	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Cape Ann MA	CASI	38	173	150	88	1300	11	1200	8
Salem Hrb. MA	SAL	5100	54	990	46	1600	38	2700	40
Boston Hrb. MA	BHDI	100	34	150	11	1100	28	1000	29
Boston Hrb. MA	BHDB	110	42	210	52	1400	48	1300	58
Boston Hrb. MA	BHHB	28	173	44	173	730	29	650	23
Boston Hrb. MA	BOS	27000	99	1300	58	2500	138	2000	171
Buzzards Bay MA	BBRH	120	82	120	68	750	43	620	39
Buzzards Bay MA	BBAR	170	69	230	97	1500	54	2000	45
Buzzards Bay MA	BBGN	38	147	nd	-	280	30	180	139
Buzzards Bay MA	BUZ	680	137	210	106	110	89	120	74
Narr. Bay RI	NBMH	42	22	94	19	450	19	470	16
Narr. Bay RI	NBCI	190	147	25	155	310	18	300	14
Narr. Bay RI	NBDI	170	121	220	79	1300	69	1400	82
Narr. Bay RI	NAR	990	38	290	39	320	47	440	47
Block Is. RI	BIBI	13	173	30	173	630	34	500	36
E. Long Is. Snd. CT	ELI	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Long Is. Snd. CT	LICR	88	66	160	46	1200	31	1200	36
Long Is. Snd. CT	LINH	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Long Is. Snd. CT	LIHR	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Long Is. Snd. CT	LISI	220	106	550	185	2600	129	2400	110
W. Long Is. Snd. NY	WLI	1600	135	540	124	520	25	1100	80
Long Is. Snd. NY	LIHU	20	129	45	147	610	46	580	46
Long Is. Snd. NY	LIPJ	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Long Is. Snd. NY	LIMR	90	54	110	30	1200	38	1100	40
Long Is. Snd. NY	LIHH	140	123	140	30	920	45	930	44
Long Is. Snd. NY	LITN	230	22	490	20	1900	31	2300	25
Moriches Bay NY	MBTH	nd	-	nd	-	540	45	490	50
Hud./Rar. Est NY	HRJB	140	21	380	43	1000	19	1100	11
Hud./Rar. Est. NY	HRUB	710	104	2000	92	5200	80	5800	81
Hud./Rar. Est. NY	HRLB	1000	77	640	41	2000	51	2500	49
Hud./Rar. Est. NJ	HRRB	100	9	390	13	1200	14	1400	15
Raritan Bay NJ	RAR	1000	92	360	32	810	19	1100	24
N.Y. Bight NJ	NYSH	280	68	370	22	1200	28	1300	24
N.Y. Bight NJ	NYLB	nfgs	-	nfgs	-	nfgs	-	nfgs	-
N.Y. Bight NJ	NYSR	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Great Bay NJ	GRB	410	11	190	23	140	15	130	9
Delaware Bay DE	DEL	1000	43	380	94	88	11	130	38
Delaware Bay DE	DBFE	nd	-	nd	-	24	173	nd	-
Delaware Bay DE	DBBD	nd	-	nd	-	32	173	nd	-
Delaware Bay DE	DBAP	nd	-	8.1	245	57	132	60	136
Delaware Bay DE	DBKI	2.2	159	12	110	99	50	210	111
Up. Ches. Bay MD	UCB	84	67	120	40	420	16	400	24
Ches. Bay MD	CBMP	250	68	170	20	1400	35	1100	16
Ches. Bay MD	CBHP	160	77	150	39	600	47	580	46
Ches. Bay MD	CBHG	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Mid. Ches. Bay VA	MCB	nd	-	nd	-	24	-	nd	-
Ches. Bay VA	CBIB	nd	-	nd	-	230	56	170	64
Ches. Bay VA	CBCC	nd	-	nd	-	53	141	37	141
Ches. Bay VA	CBDP	nd	-	nd	-	230	12	130	71

Table B.4.3: (Continued)

SITE	CODE	1MPhenan mean	1MPhenan c.v.%	Anthra mean	Anthra c.v.%	Fluoran mean	Fluoran c.v.%	Pyrene mean	Pyrene c.v.%
Low. Ches.Bay VA	LCB	440	76	91	82	24	66	36	72
Chincoteague Bay VA	CBCI	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Quinby Inlet VA	QIUB	nd	-	3.9	245	40	183	180	175
Roanoke Snd. VA	RSJC	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Pamlico Snd. NC	PSWB	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Pamlico Snd. NC	PAM	nd	-	nd	-	98	76	95	62
Cape Fear NC	CFBI	8.9	224	7.1	224	64	73	280	206
Charleston Hrb. SC	CHFJ	nd	-	16	173	100	10	nd	-
Charleston Hrb. SC	CHSF	nd	-	36	138	140	93	69	137
Charleston Hrb. SC	CHS	28	107	170	101	460	73	300	61
Savannah R. Est. GA	SRTI	16	113	14	8	84	4	84	12
Sapelo Snd. GA	SSSI	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Sapelo Is. GA	SAP	nd	-	nd	-	18	189	6.7	155
St. Johns R. FL	SJCB	2.2	186	17	167	190	21	200	18
St. Johns R. FL	SJR	19	117	110	99	650	49	640	52
Matanzas R. FL	MRCB	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Biscayne Bay FL	BBPC	nd	-	71	178	40	84	16	156
Everglades FL	EVFU	10	200	3.5	200	13	73	10	72
Rookery Bay FL	RBHC	11	155	3.8	155	21	83	13	98
Naples Bay FL	NBNB	3.3	200	16	78	160	22	130	22
Charlotte Hrb. FL	CBBI	nd	-	11	141	40	141	31	141
Charlotte Hrb. FL	LOT	nd	-	nd	-	nd	-	18	100
Tampa Bay FL	TAM	36	-	nd	-	100	-	nd	-
Tampa Bay FL	TBMK	15	141	nd	-	190	32	140	33
Tampa Bay FL	TBCB	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Tampa Bay FL	TBHB	24	-	37	-	650	-	620	-
Tampa Bay FL	TBPB	56	57	48	80	480	51	410	57
Cedar Key FL	CKBP	9	224	3.2	224	13	97	13	100
Apalachicola Bay FL	APCP	nd	-	nd	-	35	46	37	52
Apalachicola Bay FL	APDB	5.7	185	5	155	130	136	120	131
Apalachicola Bay FL	APA	nd	-	3.8	245	26	126	4	245
St. Andrew Bay FL	SAWB	350	91	1800	215	2800	125	2900	150
Choctawhat. Bay FL	CBSP	120	33	130	74	1800	34	1600	45
Choctawhat. Bay FL	CBSR	4.7	245	25	115	79	79	74	65
Pensacola Bay DL	PEN	1.7	173	22	65	230	51	210	36
Pensacola Bay FL	PBIB	26	118	8.7	120	280	107	250	107
Mobile Bay AL	MBCP	13	73	25	65	77	29	64	25
Mobile Bay AL	MOB	9.8	118	nd	-	32	73	21	76
Round Is. MS	ROU	3.4	300	9.3	246	21	114	10	110
Heron Bay MS	HER	25	56	nd	-	47	25	33	34
Miss. Snd. MS	MSPB	2.4	245	12	79	78	46	78	41
Miss. Snd. MS	MSBB	130	53	690	111	1300	53	1000	38
Miss. Snd. MS	MSPC	nd	-	13	87	42	48	36	38
Miss. Delta LA	MRD	8.1	148	12	126	100	49	130	43
Lake Borgne LA	LBMP	3.8	161	4.2	179	44	60	31	50
Breton Snd. LA	BSBG	nd	-	nd	-	nd	-	nd	-
Breton Snd. LA	BSSI	2.1	245	1.6	245	7.4	158	15	128
Barataria Bay LA	BBSD	13	43	6.5	118	65	35	62	33
Barataria Bay LA	BBMB	14	114	29	82	890	98	760	94
Barataria Bay LA	BAR	nd	-	2	224	7.1	146	18	72
Terrebonne Bay LA	TBLF	13	134	11	154	46	72	44	39
Terrebonne Bay LA	TBLB	2	173	3.3	173	100	145	85	130
Caillou Lake LA	CLCL	1	245	6.3	155	43	18	38	12
Atchafalaya Bay LA	ABOB	7.4	117	7.8	123	36	66	37	55
Vermillion Bay LA	VBSP	nd	-	13	28	47	33	60	27
J. Hrb. Bayou LA	JHJH	nd	-	3.8	224	40	49	39	45

Table B.4.3: (Continued)

SITE	CODE	1MPhenan mean	1MPhenan c.v.%	Anthra mean	Anthra c.v.%	Fluoran mean	Fluoran c.v.%	Pyrene mean	Pyrene c.v.%
Calcasieu Lake LA	CLSJ	4.8	113	nd	-	28	40	40	33
Sabine Lake TX	SLBB	nd	-	nd	-	8.4	130	13	114
E. Cote Blanche LA	ECSP	nd	-	17	173	65	30	51	19
Galveston Bay TX	GBHR	nd	-	3.9	156	21	55	24	52
Galveston Bay TX	GBYC	6.4	245	34	203	230	185	200	178
Galveston Bay TX	GBTD	nd	-	2.4	245	28	29	35	27
Galveston Bay TX	GBCR	nd	-	20	99	82	79	71	70
Galveston Bay TX	GAL	13	181	nd	-	30	69	22	61
Matagorda Bay TX	MBEM	nd	-	2.7	224	10	174	17	130
Matagorda Bay TX	MBTP	nd	-	3.2	245	9.3	110	6.6	196
Matagorda Bay TX	MBGP	nd	-	1.4	245	63	41	65	52
Matagorda Bay TX	MBLR	nd	-	3.1	155	58	59	55	61
Espiritu Santo TX	ESSP	nd	-	1.7	245	19	27	19	29
Espiritu Santo TX	ESBD	nd	-	nd	-	nd	-	13	141
San Antonio Bay TX	SAMP	nd	-	nd	-	1.4	245	5	169
San Antonio Bay TX	SAPP	nd	-	2.4	224	5.2	142	5.3	150
San Antonio Bay TX	SAB	nd	-	nd	-	nd	-	nd	-
Mesquite Bay TX	MBAR	nd	-	4.6	195	10	30	11	37
Copano Bay TX	CBCR	nd	-	nd	-	9.3	134	9.5	159
Aransas Bay TX	ABLR	nd	-	nd	-	18	56	14	84
Corpus Christi TX	CCIC	nd	-	53	200	130	159	100	158
Corpus Christi TX	CCNB	1.4	245	8.9	120	120	81	90	84
Corpus Christi Bay TX	CCB	4.9	224	nd	-	53	94	120	106
L. Laguna Madre TX	LMSB	nd	-	1.5	245	11	88	8.6	118
L. Laguna Madre TX	LLM	nd	-	nd	-	nd	-	nd	-
Imperial Beach CA	IBIB	nfgs	-	nfgs	-	nfgs	-	nfgs	-
San Diego Bay CA	SDF	11	141	19	94	77	13	43	72
San Diego Bay CA	SDHI	65	84	39	110	340	54	520	54
San Diego Hrb. CA	SDA	31	124	1400	187	540	14	1300	77
Pt. Loma CA	PLLH	nd	-	nd	-	nd	-	nd	-
Mission Bay CA	MBVB	nfgs	-	nfgs	-	nfgs	-	nfgs	-
La Jolla CA	LJLJ	nd	-	nd	-	nd	-	nd	-
Oceanside CA	OSBJ	nd	-	nd	-	nd	-	nd	-
Dana Pt. CA	DAN	nd	-	nd	-	1.2	224	3.8	167
Newport Bch. CA	NBBC	nd	-	nd	-	39	65	45	58
Anaheim Bay CA	ABWJ	nd	-	nd	-	15	173	37	80
Seal Beach CA	SEA	2.8	173	1.6	173	73	37	76	39
Long Beach CA	LNB	13	112	10	173	170	9	230	10
San Pedro Bay CA	SPB	12	128	20	67	130	80	180	61
San Pedro Cyn. CA	SPC	nd	-	32	141	270	25	380	33
San Pedro Hrb. CA	SPFP	34	110	67	78	500	67	1000	89
Palos Verdes CA	PVRP	52	79	14	92	96	65	100	137
S. Catalina Is. CA	SCBR	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Santa Monica Bay CA	SMB	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Santa Monica Basin CA	SMD	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Marina Del Ray CA	MDSJ	5.6	245	nd	-	66	49	80	65
Pt. Dume CA	PDPD	52	245	nd	-	190	214	300	224
Pt. S. Barbara CA	SBSB	18	119	4.4	245	83	81	120	48
Pt. Conception CA	PCPC	nfgs	-	nfgs	-	nfgs	-	nfgs	-
San Luis Ob. Bay CA	SLSL	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Pacific Grove CA	PGLP	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Monterey Bay CA	MBSC	31	-	nd	-	43	-	30	-
Monterey Bay CA	MON	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Southamp. Shl. CA	SHS	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Oakland Est. CA	OAK	3.7	173	46	19	330	25	430	28
Oakland Est. CA	OEIH	120	23	190	44	910	27	1100	38

Table B.4.3: (Continued)

SITE	CODE	1MPhenan mean	1MPhenan c.v.%	Anthra mean	Anthra c.v.%	Fluoran mean	Fluoran c.v.%	Pyrene mean	Pyrene c.v.%
Hunters Pt. CA	HUN	54	82	160	57	900	44	1200	42
San Fran. Bay CA	SFDB	6.4	155	22	111	440	26	590	31
San Fran. Bay CA	SFSM	nd	-	38	54	490	16	620	21
San Fran. Bay CA	SFEM	nd	-	42	17	200	110	260	110
San Pablo Bay CA	PAB	5	155	nd	-	74	57	98	58
San Pablo Bay CA	SPSM	nd	-	10	113	100	82	220	28
San Pablo Bay CA	SPSP	8.1	92	21	28	230	12	310	12
Tomales Bay CA	TBSR	14	116	nd	-	44	22	48	33
Bodega Bay CA	BBBE	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Bodega Bay CA	BOD	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Humboldt Bay CA	HMBJ	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Humboldt Bay CA	HMB	-	-	-	-	-	-	-	-
Pt. St. George OR	SGSG	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Coos Bay OR	COO	3.5	173	46	18	380	44	340	49
Coos Bay OR	CBCH	-	-	-	-	-	-	-	-
Coos Bay OR	CBRP	nd	-	nd	-	130	28	110	22
Yaquina Bay OR	YBOP	nd	-	nd	-	120	69	98	62
Yaquina Head OR	YHSS	nd	-	nd	-	nd	-	nd	-
Tillamook Bay OR	TBHP	nd	-	70	43	73	28	65	8
Columbia R. OR	CRYB	19	200	nd	-	82	73	17	200
Columbia R. OR	COL	nd	-	nd	-	40	87	53	91
Gray's Hrb. WA	GHWJ	nfgs	-	nfgs	-	nfgs	-	nfgs	-
S. Juan de Fuca WA	JFNB	nd	-	nd	-	350	30	270	44
South Puget Snd. WA	SSBI	15	111	nd	-	150	41	150	39
Nisqually Rch. WA	NIS	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Comm. Bay WA	COM	110	58	34	17	190	23	180	30
Comm. Bay WA	CBBP	60	114	39	65	250	36	260	40
Elliott Bay WA	EBFR	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Elliott Bay WA	ELL	170	44	370	32	1500	44	1800	31
Sinclair Inlet WA	SIWP	100	43	170	44	760	41	880	51
Whidbey Is. WA	WIPP	22	89	21	44	160	21	180	14
Bellingham Bay WA	BBSM	7	245	31	54	300	51	280	39
Pt. Roberts WA	PRPR	29	81	3	245	97	48	92	43
Lutak Inlet AK	LUT	nd	-	nd	-	nd	-	nd	-
Nahku Bay AK	NAH	nd	-	nd	-	55	152	41	134
Unakwit Inlet AK	UISB	nd	-	nd	-	nd	-	nd	-
Port Valdez AK	PVMC	nd	-	nd	-	nd	-	nd	-
Oliktok Pt. AK	OLI	200	35	nd	-	31	94	57	13
Prudhoe Bay AK	END	210	68	nd	-	30	135	69	58
Barber's Pt. HI	BPBP	nd	-	8.1	155	740	70	1200	89
Honolulu Hrb. HI	HHKL	9.6	245	8.3	245	450	83	760	92

Table B.4.4: Average normalized concentrations, ng/g dry-wt, and coefficients of variation, per cent, for Benz(a)anthracene [**BAnthra**], **Chrysene**, Benzo(a)pyrene [**B(a)Pyr**] and Benzo(e)pyrene [**B(e)Pyr**] in fine grain sediments at NS&T sites.

		BAnthra		**Chrysene**		**B(a)Pyr**		**B(e)Pyr**	
SITE	CODE	mean	c.v.%	mean	c.v.%	mean	c.v.%	mean	c.v.%
Machias Bay ME	MAC	2.2	173	23	88	20	36	8.6	94
Frenchmans Bay ME	FRN	36	32	60	90	62	35	34	53
Penobscot Bay ME	PNB	50	75	76	56	89	59	62	89
Penobscot Bay ME	PBSI	270	23	310	29	210	17	190	25
Penobscot Bay ME	PBPI	710	77	580	72	570	76	330	74
Casco Bay ME	CSC	270	120	240	78	75	200	54	200
Merrimac R. MA	MER	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Cape Ann MA	CASI	650	2	630	2	590	1	380	1
Salem Hrb. MA	SAL	1000	55	960	45	740	42	690	38
Boston Hrb. MA	BHDI	730	25	840	31	670	32	560	36
Boston Hrb. MA	BHDB	1000	57	1200	63	1000	56	810	54
Boston Hrb. MA	BHHB	420	5	490	13	450	8	360	9
Boston Hrb. MA	BOS	1700	103	1400	104	920	47	780	87
Buzzards Bay MA	BBRH	310	50	320	48	270	47	190	43
Buzzards Bay MA	BBAR	1600	86	1700	88	1800	84	1100	71
Buzzards Bay MA	BBGN	120	64	130	63	98	67	98	27
Buzzards Bay MA	BUZ	110	139	76	94	60	75	53	81
Narr. Bay RI	NBMH	220	7	250	6	290	8	260	12
Narr. Bay RI	NBCI	150	26	160	7	160	6	140	5
Narr. Bay RI	NBDI	670	70	730	65	690	59	530	54
Narr. Bay RI	NAR	300	45	230	52	210	59	200	56
Block Is. RI	BIBI	210	32	290	22	210	29	180	24
E. Long Is. Snd. CT	ELI	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Long Is. Snd. CT	LICR	660	40	740	36	670	42	500	37
Long Is. Snd. CT	LINH	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Long Is. Snd. CT	LIHR	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Long Is. Snd. CT	LISI	1000	112	1300	102	1100	98	820	93
W. Long Is. Snd. NY	WLI	330	62	430	18	540	54	350	34
Long Is. Snd. NY	LIHU	210	52	300	36	280	43	240	38
Long Is. Snd. NY	LIPJ	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Long Is. Snd. NY	LIMR	460	21	680	31	560	26	470	25
Long Is. Snd. NY	LIHH	410	25	620	31	570	45	480	36
Long Is. Snd. NY	LITN	1200	20	1500	28	1500	17	1000	20
Moriches Bay NY	MBTH	130	22	210	29	140	24	160	29
Hud./Rar. Est NY	HRJB	600	8	640	13	650	1	490	3
Hud./Rar. Est. NY	HRUB	3400	82	2900	83	3300	82	1900	82
Hud./Rar. Est. NY	HRLB	1500	38	1500	31	1500	43	1300	54
Hud./Rar. Est. NJ	HRRB	890	15	910	14	1100	14	750	16
Raritan Bay NJ	RAR	540	19	680	18	650	16	530	17
N.Y. Bight NJ	NYSH	760	18	880	22	840	19	780	23
N.Y. Bight NJ	NYLB	nfgs	-	nfgs	-	nfgs	-	nfgs	-
N.Y. Bight NJ	NYSR	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Great Bay NJ	GRB	100	88	99	9	110	2	81	35
Delaware Bay DE	DEL	46	100	46	21	42	88	54	58
Delaware Bay DE	DBFE	12	173	nd	-	nd	-	9	173
Delaware Bay DE	DBBD	15	173	nd	-	nd	-	11	173
Delaware Bay DE	DBAP	28	156	67	91	27	155	29	162
Delaware Bay DE	DBKI	60	12	64	53	61	18	55	29
Up. Ches. Bay MD	UCB	220	16	260	11	200	15	170	11
Ches. Bay MD	CBMP	320	28	490	27	350	34	300	16
Ches. Bay MD	CBHP	200	31	310	43	200	21	190	25
Ches. Bay MD	CBHG	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Mid. Ches. Bay VA	MCB	nd	-	26	-	180	-	150	-
Ches. Bay VA	CBIB	46	145	93	46	73	123	78	42
Ches. Bay VA	CBCC	nd	-	nd	-	3.3	141	16	141
Ches. Bay VA	CBDP	35	139	88	29	63	106	73	37

Table B.4.4: (Continued)

SITE	CODE	BAnthra mean	BAnthra c.v.%	Chrysene mean	Chrysene c.v.%	B(a)Pyr mean	B(a)Pyr c.v.%	B(e)Pyr mean	B(e)Pyr c.v.%
Low. Ches.Bay VA	LCB	19	69	nd	-	13	138	5.6	70
Chincoteague Bay VA	CBCI	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Quinby Inlet VA	QIUB	16	245	27	245	22	206	32	153
Roanoke Snd. VA	RSJC	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Pamlico Snd. NC	PSWB	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Pamlico Snd. NC	PAM	23	109	44	95	67	80	33	56
Cape Fear NC	CFBI	29	139	nd	-	19	137	17	138
Charleston Hrb. SC	CHFJ	35	13	56	9	10	173	13	87
Charleston Hrb. SC	CHSF	71	99	66	141	44	95	41	94
Charleston Hrb. SC	CHS	180	61	270	54	160	44	150	49
Savannah R. Est. GA	SRTI	34	25	41	10	16	44	22	18
Sapelo Snd. GA	SSSI	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Sapelo Is. GA	SAP	14	157	nd	-	22	155	23	113
St. Johns R. FL	SJCB	85	31	100	26	77	20	78	16
St. Johns R. FL	SJR	280	56	410	58	270	57	320	41
Matanzas R. FL	MRCB	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Biscayne Bay FL	BBPC	20	124	33	115	14	160	15	120
Everglades FL	EVFU	18	145	14	28	4.4	87	5.5	90
Rookery Bay FL	RBHC	3.2	157	18	10	7.7	93	11	58
Naples Bay FL	NBNB	67	38	92	39	62	57	74	67
Charlotte Hrb. FL	CBBI	14	141	6.3	-	5.6	-	8.1	-
Charlotte Hrb. FL	LOT	nd	-	34	173	31	149	36	173
Tampa Bay FL	TAM	nd	-	56	-	44	-	46	-
Tampa Bay FL	TBMK	66	15	120	4	89	3	91	2
Tampa Bay FL	TBCB	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Tampa Bay FL	TBHB	240	-	450	-	310	-	320	-
Tampa Bay FL	TBPB	260	110	350	59	340	77	380	79
Cedar Key FL	CKBP	1.4	224	7.1	93	7.4	91	6.5	122
Apalachicola Bay FL	APCP	22	39	28	41	26	89	27	90
Apalachicola Bay FL	APDB	50	131	100	170	81	165	84	166
Apalachicola Bay FL	APA	7.4	175	19	117	31	125	16	131
St. Andrew Bay FL	SAWB	1700	155	910	60	1500	152	1500	118
Choctawhat. Bay FL	CBSP	1200	56	970	76	1700	49	990	45
Choctawhat. Bay FL	CBSR	33	49	26	29	32	74	26	28
Pensacola Bay DL	PEN	220	19	150	34	140	105	100	61
Pensacola Bay FL	PBIB	77	79	100	84	58	37	66	43
Mobile Bay AL	MBCP	24	29	27	41	28	41	27	31
Mobile Bay AL	MOB	8.6	123	8.5	160	8.9	97	13	61
Round Is. MS	ROU	4.9	232	17	255	27	142	8.6	141
Heron Bay MS	HER	23	30	6.1	173	nd	-	4.1	173
Miss. Snd. MS	MSPB	33	33	46	25	31	35	31	38
Miss. Snd. MS	MSBB	380	37	350	25	260	37	220	12
Miss. Snd. MS	MSPC	18	59	19	47	20	23	15	31
Miss. Delta LA	MRD	55	53	100	43	58	32	60	32
Lake Borgne LA	LBMP	10	61	17	44	5.3	80	11	54
Breton Snd. LA	BSBG	nd	-	nd	-	nd	-	nd	-
Breton Snd. LA	BSSI	5.2	174	5.2	200	4.5	174	9.1	91
Barataria Bay LA	BBSD	16	43	32	45	13	58	20	40
Barataria Bay LA	BBMB	270	101	410	106	96	87	150	84
Barataria Bay LA	BAR	nd	-	3.4	224	23	153	22	189
Terrebonne Bay LA	TBLF	12	68	21	43	7.3	118	17	52
Terrebonne Bay LA	TBLB	19	173	55	137	22	100	32	112
Caillou Lake LA	CLCL	10	23	21	19	2.6	162	14	24
Atchafalaya Bay LA	ABOB	12	61	16	92	8.8	78	16	55
Vermillion Bay LA	VBSP	5.2	96	16	57	2.8	173	8.6	98
J. Hrb. Bayou LA	JHJH	12	66	20	62	12	67	19	47

Table B.4.4: (Continued)

SITE	CODE	BAnthra mean	BAnthra c.v.%	Chrysene mean	Chrysene c.v.%	B(a)Pyr mean	B(a)Pyr c.v.%	B(e)Pyr mean	B(e)Pyr c.v.%
Calcasieu Lake LA	CLSJ	10	17	20	33	12	56	18	28
Sabine Lake TX	SLBB	1	245	3.3	156	nd	-	5.7	124
E. Cote Blanche LA	ECSP	15	12	35	13	11	89	25	11
Galveston Bay TX	GBHR	11	62	9.6	90	11	89	18	75
Galveston Bay TX	GBYC	250	220	150	188	120	191	85	171
Galveston Bay TX	GBTD	15	61	18	57	15	55	19	22
Galveston Bay TX	GBCR	48	41	52	44	36	58	34	43
Galveston Bay TX	GAL	nd	-	8.3	157	4.5	224	8.1	150
Matagorda Bay TX	MBEM	3.1	224	4.2	149	2.1	224	1.7	224
Matagorda Bay TX	MBTP	3.2	245	2.4	245	3.4	245	2.2	245
Matagorda Bay TX	MBGP	26	20	30	31	30	13	31	13
Matagorda Bay TX	MBLR	24	86	33	64	32	66	28	64
Espiritu Santo TX	ESSP	3.3	174	10	51	3.2	166	6.3	54
Espiritu Santo TX	ESBD	nd	-	nd	-	nd	-	nd	-
San Antonio Bay TX	SAMP	nd	-	1.1	245	1.4	245	1.6	245
San Antonio Bay TX	SAPP	2.4	224	nd	-	2.4	224	nd	-
San Antonio Bay TX	SAB	nd	-	nd	-	6.9	210	nd	-
Mesquite Bay TX	MBAR	3.1	168	4.5	81	1.7	245	3.8	123
Copano Bay TX	CBCR	.8	245	4	113	3.4	114	6.8	53
Aransas Bay TX	ABLR	4.5	156	7.4	125	4.8	158	6	119
Corpus Christi TX	CCIC	32	200	92	146	27	169	44	110
Corpus Christi TX	CCNB	43	115	58	107	53	109	42	106
Corpus Christi Bay TX	CCB	nd	-	1.4	224	1.2	224	17	57
L. Laguna Madre TX	LMSB	nd	-	3.3	160	nd	-	nd	-
L. Laguna Madre TX	LLM	nd	-	nd	-	13	156	nd	-
Imperial Beach CA	IBIB	nfgs	-	nfgs	-	nfgs	-	nfgs	-
San Diego Bay CA	SDF	22	60	36	92	35	23	21	40
San Diego Bay CA	SDHI	260	66	400	68	440	53	400	44
San Diego Hrb. CA	SDA	590	71	1500	81	1500	106	1200	80
Pt. Loma CA	PLLH	nd	-	nd	-	nd	-	nd	-
Mission Bay CA	MBVB	nfgs	-	nfgs	-	nfgs	-	nfgs	-
La Jolla CA	LJLJ	nd	-	nd	-	nd	-	nd	-
Oceanside CA	OSBJ	nd	-	1.5	245	nd	-	nd	-
Dana Pt. CA	DAN	nd	-	nd	-	nd	-	nd	-
Newport Bch. CA	NBBC	9.5	93	16	92	15	96	7.6	137
Anaheim Bay CA	ABWJ	9.7	111	16	111	15	111	13	111
Seal Beach CA	SEA	25	89	51	98	37	90	34	89
Long Beach CA	LNB	80	41	180	76	110	26	130	49
San Pedro Bay CA	SPB	51	71	130	70	120	66	95	84
San Pedro Cyn. CA	SPC	130	31	250	9	210	36	170	11
San Pedro Hrb. CA	SPFP	42	245	130	245	90	245	160	114
Palos Verdes CA	PVRP	52	174	190	180	250	65	180	109
S. Catalina Is. CA	SCBR	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Santa Monica Bay CA	SMB	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Santa Monica Basin CA	SMD	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Marina Del Ray CA	MDSJ	17	88	42	56	9.6	161	27	90
Pt. Dume CA	PDPD	110	245	150	225	92	245	100	233
Pt. S. Barbara CA	SBSB	55	119	53	125	33	118	28	111
Pt. Conception CA	PCPC	nfgs	-	nfgs	-	nfgs	-	nfgs	-
San Luis Ob. Bay CA	SLSL	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Pacific Grove CA	PGLP	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Monterey Bay CA	MBSC	13	-	23	-	nd	-	9.6	-
Monterey Bay CA	MON	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Southamp. Shl. CA	SHS	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Oakland Est. CA	OAK	120	15	190	6	220	24	140	36
Oakland Est. CA	OEIH	390	8	620	13	840	10	700	10

Table B.4.4: (Continued)

SITE	CODE	BAnthra mean	BAnthra c.v.%	Chrysene mean	Chrysene c.v.%	B(a)Pyr mean	B(a)Pyr c.v.%	B(e)Pyr mean	B(e)Pyr c.v.%
Hunters Pt. CA	HUN	360	49	490	46	650	40	410	36
San Fran. Bay CA	SFDB	180	25	240	24	400	20	340	43
San Fran. Bay CA	SFSM	310	16	340	22	310	111	360	20
San Fran. Bay CA	SFEM	190	47	250	53	390	54	210	34
San Pablo Bay CA	PAB	20	112	46	93	46	86	37	91
San Pablo Bay CA	SPSM	150	81	140	34	160	27	110	29
San Pablo Bay CA	SPSP	94	14	130	12	200	11	150	13
Tomales Bay CA	TBSR	nd	-	35	13	nd	-	nd	-
Bodega Bay CA	BBBE	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Bodega Bay CA	BOD	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Humboldt Bay CA	HMBJ	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Humboldt Bay CA	HMB	-	-	-	-	-	-	-	-
Pt. St. George OR	SGSG	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Coos Bay OR	COO	61	8	73	89	53	18	93	45
Coos Bay OR	CBCH	-	-	-	-	-	-	-	-
Coos Bay OR	CBRP	nd	-	12	224	nd	-	nd	-
Yaquina Bay OR	YBOP	8.3	173	36	21	nd	-	24	34
Yaquina Head OR	YHSS	nd	-	nd	-	nd	-	19	245
Tillamook Bay OR	TBHP	nd	-	31	141	nd	-	nd	-
Columbia R. OR	CRYB	nd	-	nd	-	nd	-	nd	-
Columbia R. OR	COL	20	89	43	93	23	89	27	90
Gray's Hrb. WA	GHWJ	nfgs	-	nfgs	-	nfgs	-	nfgs	-
S. Juan de Fuca WA	JFNB	120	18	230	22	68	88	320	21
South Puget Snd. WA	SSBI	21	121	51	99	19	160	50	152
Nisqually Rch. WA	NIS	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Comm. Bay WA	COM	64	20	140	44	69	19	95	51
Comm. Bay WA	CBBP	86	58	190	55	80	46	130	40
Elliott Bay WA	EBFR	nfgs	-	nfgs	-	nfgs	-	nfgs	-
Elliott Bay WA	ELL	760	45	1600	42	950	40	860	31
Sinclair Inlet WA	SIWP	380	40	520	33	570	36	400	30
Whidbey Is. WA	WIPP	72	32	100	25	130	59	120	23
Bellingham Bay WA	BBSM	58	73	120	43	77	90	130	60
Pt. Roberts WA	PRPR	15	155	100	38	13	156	52	112
Lutak Inlet AK	LUT	nd	-	nd	-	nd	-	nd	-
Nahku Bay AK	NAH	23	148	17	101	10	173	15	92
Unakwit Inlet AK	UISB	nd	-	nd	-	nd	-	nd	-
Port Valdez AK	PVMC	nd	-	nd	-	nd	-	nd	-
Oliktok Pt. AK	OLI	nd	-	41	23	6.3	173	100	28
Prudhoe Bay AK	END	nd	-	21	87	12	173	74	51
Barber's Pt. HI	BPBP	390	79	590	78	880	96	710	89
Honolulu Hrb. HI	HHKL	370	111	560	99	1200	110	780	97

Table B.4.5: Average normalized concentrations, ng/g dry-wt, and coefficients of variation, per cent, for **Perylene**, Dibenz(a,h)anthracene **[DBAnthra]** and total polyaromatic hydrocarbons **[tPAH]** in fine grain sediments at NS&T sites.

		Perylene		**DBAnthra**		**tPAH**	
SITE	CODE	mean	c.v.%	mean	c.v.%	mean	c.v.%
Machias Bay ME	MAC	nd	-	-	-	470	35
Frenchmans Bay ME	FRN	nd	-	-	-	350	30
Penobscot Bay ME	PNB	2	173	-	-	790	63
Penobscot Bay ME	PBSI	84	36	41	158	3300	28
Penobscot Bay ME	PBPI	120	99	88	173	6600	78
Casco Bay ME	CSC	120	196	-	-	3200	129
Merrimac R. MA	MER	nfgs	-	nfgs	-	nfgs	-
Cape Ann MA	CASI	130	3	nd	-	5800	9
Salem Hrb. MA	SAL	130	73	-	-	15000	36
Boston Hrb. MA	BHDI	190	32	150	63	6400	21
Boston Hrb. MA	BHDB	300	61	190	85	8800	45
Boston Hrb. MA	BHHB	160	19	nd	-	3700	14
Boston Hrb. MA	BOS	200	90	-	-	57000	76
Buzzards Bay MA	BBRH	64	63	20	136	3400	45
Buzzards Bay MA	BBAR	350	70	59	224	13000	63
Buzzards Bay MA	BBGN	7.6	224	nd	-	1100	60
Buzzards Bay MA	BUZ	13	140	-	-	1500	100
Narr. Bay RI	NBMH	110	16	69	47	2800	14
Narr. Bay RI	NBCI	66	24	23	114	1800	22
Narr. Bay RI	NBDI	190	67	59	224	7200	72
Narr. Bay RI	NAR	73	85	-	-	3400	37
Block Is. RI	BIBI	61	20	nd	-	2400	35
E. Long Is. Snd. CT	ELI	nfgs	-	nfgs	-	nfgs	-
Long Is. Snd. CT	LICR	260	39	92	118	6200	37
Long Is. Snd. CT	LINH	nfgs	-	nfgs	-	nfgs	-
Long Is. Snd. CT	LIHR	nfgs	-	nfgs	-	nfgs	-
Long Is. Snd. CT	LISI	300	99	150	138	14000	128
W. Long Is. Snd. NY	WLI	53	139	-	-	6000	76
Long Is. Snd. NY	LIHU	87	38	40	135	2800	45
Long Is. Snd. NY	LIPJ	nfgs	-	nfgs	-	nfgs	-
Long Is. Snd. NY	LIMR	180	30	84	79	5500	30
Long Is. Snd. NY	LIHH	150	37	28	155	5300	36
Long Is. Snd. NY	LITN	260	79	250	43	13000	21
Moriches Bay NY	MBTH	110	45	nd	-	2100	40
Hud./Rar. Est NY	HRJB	310	3	200	49	7000	15
Hud./Rar. Est. NY	HRUB	830	57	560	91	34000	82
Hud./Rar. Est. NY	HRLB	650	22	220	38	15000	35
Hud./Rar. Est. NJ	HRRB	360	13	200	43	8700	14
Raritan Bay NJ	RAR	250	24	-	-	7100	25
N.Y. Bight NJ	NYSH	460	16	190	26	8900	20
N.Y. Bight NJ	NYLB	nfgs	-	nfgs	-	nfgs	-
N.Y. Bight NJ	NYSR	nfgs	-	nfgs	-	nfgs	-
Great Bay NJ	GRB	51	89	-	-	1500	6
Delaware Bay DE	DEL	9.8	173	-	-	1900	49
Delaware Bay DE	DBFE	130	28	nd	-	210	51
Delaware Bay DE	DBBD	310	31	nd	-	400	24
Delaware Bay DE	DBAP	290	91	nd	-	730	78
Delaware Bay DE	DBKI	140	41	nd	-	870	44
Up. Ches. Bay MD	UCB	230	87	-	-	3900	31
Ches. Bay MD	CBMP	290	41	nd	-	6400	10
Ches. Bay MD	CBHP	290	33	43	137	4300	30
Ches. Bay MD	CBHG	nfgs	-	nfgs	-	nfgs	-
Mid. Ches. Bay VA	MCB	340	-	-	-	790	-
Ches. Bay VA	CBIB	30	97	nd	-	740	47
Ches. Bay VA	CBCC	nd	-	15	141	120	141
Ches. Bay VA	CBDP	40	74	14	200	680	18

Table B.4.5: (Continued)

SITE	CODE	Perylene mean	Perylene c.v.%	DBAnthra mean	DBAnthra c.v.%	tPAH mean	tPAH c.v.%
Low. Ches.Bay VA	LCB	.9	224	-	-	660	63
Chincoteague Bay VA	CBCI	nfgs	-	nfgs	-	nfgs	-
Quinby Inlet VA	QIUB	85	62	nd	-	460	144
Roanoke Snd. VA	RSJC	nfgs	-	nfgs	-	nfgs	-
Pamlico Snd. NC	PSWB	nfgs	-	nfgs	-	nfgs	-
Pamlico Snd. NC	PAM	2.9	224	-	-	440	73
Cape Fear NC	CFBI	150	84	16	224	630	127
Charleston Hrb. SC	CHFJ	8.8	173	nd	-	250	26
Charleston Hrb. SC	CHSF	110	98	2.4	224	640	72
Charleston Hrb. SC	CHS	84	50	-	-	1900	62
Savannah R. Est. GA	SRTI	66	5	nd	-	430	1
Sapelo Snd. GA	SSSI	nfgs	-	nfgs	-	nfgs	-
Sapelo Is. GA	SAP	12	245	-	-	280	138
St. Johns R. FL	SJCB	110	30	nd	-	940	22
St. Johns R. FL	SJR	250	28	-	-	4000	61
Matanzas R. FL	MRCB	nfgs	-	nfgs	-	nfgs	-
Biscayne Bay FL	BBPC	nd	-	nd	-	260	77
Everglades FL	EVFU	5.9	90	1.5	92	88	28
Rookery Bay FL	RBHC	4.6	101	1.3	148	100	51
Naples Bay FL	NBNB	29	62	9.9	47	600	45
Charlotte Hrb. FL	CBBI	10	-	1.1	-	470	132
Charlotte Hrb. FL	LOT	nd	-	-	-	200	68
Tampa Bay FL	TAM	nd	-	-	-	440	-
Tampa Bay FL	TBMK	31	49	18	74	860	20
Tampa Bay FL	TBCB	nfgs	-	nfgs	-	nfgs	-
Tampa Bay FL	TBHB	250	-	56	-	3200	-
Tampa Bay FL	TBPB	560	147	65	74	3200	31
Cedar Key FL	CKBP	30	30	3.1	119	110	43
Apalachicola Bay FL	APCP	51	101	3.1	106	250	65
Apalachicola Bay FL	APDB	210	86	20	200	840	103
Apalachicola Bay FL	APA	55	154	-	-	170	83
St. Andrew Bay FL	SAWB	880	78	240	148	18000	115
Choctawhat. Bay FL	CBSP	620	44	250	60	10000	39
Choctawhat. Bay FL	CBSR	120	79	10	66	480	67
Pensacola Bay DL	PEN	64	30	-	-	1500	28
Pensacola Bay FL	PBIB	33	60	8	127	1000	81
Mobile Bay AL	MBCP	110	31	9.8	75	480	32
Mobile Bay AL	MOB	34	65	-	-	160	58
Round Is. MS	ROU	11	138	-	-	140	66
Heron Bay MS	HER	50	23	-	-	200	28
Miss. Snd. MS	MSPB	130	54	4.7	154	480	46
Miss. Snd. MS	MSBB	260	12	35	23	6800	69
Miss. Snd. MS	MSPC	110	16	4.1	87	300	17
Miss. Delta LA	MRD	250	42	-	-	910	33
Lake Borgne LA	LBMP	150	27	4.1	160	310	40
Breton Snd. LA	BSBG	24	87	nd	-	24	87
Breton Snd. LA	BSSI	170	99	7.8	81	240	74
Barataria Bay LA	BBSD	260	44	11	127	550	42
Barataria Bay LA	BBMB	230	83	24	118	3000	86
Barataria Bay LA	BAR	89	61	-	-	210	54
Terrebonne Bay LA	TBLF	180	42	4	164	400	43
Terrebonne Bay LA	TBLB	150	3	28	20	520	88
Caillou Lake LA	CLCL	310	23	nd	-	490	18
Atchafalaya Bay LA	ABOB	230	54	nd	-	440	53
Vermillion Bay LA	VBSP	75	110	nd	-	310	35
J. Hrb. Bayou LA	JHJH	600	87	12	140	790	59

Table B.4.5: (Continued)

SITE	CODE	Perylene mean	Perylene c.v.%	DBAnthra mean	DBAnthra c.v.%	tPAH mean	tPAH c.v.%
Calcasieu Lake LA	CLSJ	150	6	13	136	320	14
Sabine Lake TX	SLBB	28	151	11	175	76	99
E. Cote Blanche LA	ECSP	99	17	17	88	430	15
Galveston Bay TX	GBHR	79	27	7.4	129	210	62
Galveston Bay TX	GBYC	51	120	30	188	1300	193
Galveston Bay TX	GBTD	56	34	4.3	189	220	39
Galveston Bay TX	GBCR	37	38	10	111	440	59
Galveston Bay TX	GAL	9.3	159	-	-	99	74
Matagorda Bay TX	MBEM	43	42	2.3	224	110	75
Matagorda Bay TX	MBTP	27	115	nd	-	83	173
Matagorda Bay TX	MBGP	130	25	8.2	82	410	11
Matagorda Bay TX	MBLR	110	89	11	117	380	59
Espiritu Santo TX	ESSP	41	14	1.7	245	120	36
Espiritu Santo TX	ESBD	18	141	nd	-	43	141
San Antonio Bay TX	SAMP	65	30	3.8	158	92	52
San Antonio Bay TX	SAPP	37	59	8.6	224	73	76
San Antonio Bay TX	SAB	nd	-	-	-	46	105
Mesquite Bay TX	MBAR	48	23	6.3	125	110	39
Copano Bay TX	CBCR	37	25	nd	-	74	58
Aransas Bay TX	ABLR	42	54	nd	-	100	62
Corpus Christi TX	CCIC	nd	-	4.6	200	530	163
Corpus Christi TX	CCNB	27	80	12	117	490	97
Corpus Christi Bay TX	CCB	24	164	-	-	230	76
L. Laguna Madre TX	LMSB	7.6	123	3.8	156	36	88
L. Laguna Madre TX	LLM	nd	-	-	-	83	115
Imperial Beach CA	IBIB	nfgs	-	nfgs	-	nfgs	-
San Diego Bay CA	SDF	nd	-	nd	-	330	43
San Diego Bay CA	SDHI	110	59	31	118	2800	52
San Diego Hrb. CA	SDA	380	107	260	85	9700	67
Pt. Loma CA	PLLH	17	245	nd	-	17	245
Mission Bay CA	MBVB	nfgs	-	nfgs	-	nfgs	-
La Jolla CA	LJLJ	nd	-	nd	-	nd	-
Oceanside CA	OSBJ	nd	-	nd	-	2.3	168
Dana Pt. CA	DAN	1.7	224	nd	-	8.4	148
Newport Bch. CA	NBBC	27	100	nd	-	190	75
Anaheim Bay CA	ABWJ	14	114	nd	-	120	86
Seal Beach CA	SEA	13	87	7.7	87	360	70
Long Beach CA	LNB	71	33	22	101	1200	31
San Pedro Bay CA	SPB	290	65	10	173	1200	71
San Pedro Cyn. CA	SPC	890	38	nd	-	2500	1
San Pedro Hrb. CA	SPFP	nd	-	nd	-	2400	60
Palos Verdes CA	PVRP	200	91	12	155	1100	82
S. Catalina Is. CA	SCBR	nfgs	-	nfgs	-	nfgs	-
Santa Monica Bay CA	SMB	nfgs	-	nfgs	-	nfgs	-
Santa Monica Basin CA	SMD	nfgs	-	nfgs	-	nfgs	-
Marina Del Ray CA	MDSJ	46	89	nd	-	320	71
Pt. Dume CA	PDPD	nd	-	nd	-	1100	229
Pt. S. Barbara CA	SBSB	nd	-	36	117	490	85
Pt. Conception CA	PCPC	nfgs	-	nfgs	-	nfgs	-
San Luis Ob. Bay CA	SLSL	nfgs	-	nfgs	-	nfgs	-
Pacific Grove CA	PGLP	nfgs	-	nfgs	-	nfgs	-
Monterey Bay CA	MBSC	-	-	nd	-	240	-
Monterey Bay CA	MON	nfgs	-	nfgs	-	nfgs	-
Southamp. Shl. CA	SHS	nfgs	-	nfgs	-	nfgs	-
Oakland Est. CA	OAK	110	29	13	173	1900	24
Oakland Est. CA	OEIH	320	12	140	21	5800	16

Table B.4.5: (Continued)

SITE	CODE	Perylene mean	Perylene c.v.%	DBAnthra mean	DBAnthra c.v.%	tPAH mean	tPAH c.v.%
Hunters Pt. CA	HUN	210	38	69	41	5200	44
San Fran. Bay CA	SFDB	nd	-	23	157	2500	25
San Fran. Bay CA	SFSM	230	27	14	158	2800	14
San Fran. Bay CA	SFEM	190	26	14	160	2000	50
San Pablo Bay CA	PAB	91	68	3.7	245	450	53
San Pablo Bay CA	SPSM	270	16	5.8	245	1300	31
San Pablo Bay CA	SPSP	170	10	11	140	1500	11
Tomales Bay CA	TBSR	60	8	nd	-	420	13
Bodega Bay CA	BBBE	nfgs	-	nfgs	-	nfgs	-
Bodega Bay CA	BOD	nfgs	-	nfgs	-	nfgs	-
Humboldt Bay CA	HMBJ	nfgs	-	nfgs	-	nfgs	-
Humboldt Bay CA	HMB	-	-	-	-	-	-
Pt. St. George OR	SGSG	nfgs	-	nfgs	-	nfgs	-
Coos Bay OR	COO	190	17	nd	-	1900	36
Coos Bay OR	CBCH	-	-	-	-	-	-
Coos Bay OR	CBRP	nd	-	nd	-	300	43
Yaquina Bay OR	YBOP	-	-	nd	-	410	51
Yaquina Head OR	YHSS	nd	-	nd	-	31	161
Tillamook Bay OR	TBHP	nd	-	nd	-	270	53
Columbia R. OR	CRYB	nd	-	nd	-	170	86
Columbia R. OR	COL	80	87	nd	-	370	80
Gray's Hrb. WA	GHWJ	nfgs	-	nfgs	-	nfgs	-
S. Juan de Fuca WA	JFNB	nd	-	nd	-	1600	20
South Puget Snd. WA	SSBI	24	200	nd	-	740	76
Nisqually Rch. WA	NIS	nfgs	-	nfgs	-	nfgs	-
Comm. Bay WA	COM	46	26	8.8	84	1500	21
Comm. Bay WA	CBBP	nd	-	nd	-	1600	43
Elliott Bay WA	EBFR	nfgs	-	nfgs	-	nfgs	-
Elliott Bay WA	ELL	450	20	180	73	11000	35
Sinclair Inlet WA	SIWP	160	33	89	32	4600	38
Whidbey Is. WA	WIPP	nd	-	11	173	970	18
Bellingham Bay WA	BBSM	24	137	nd	-	1700	41
Pt. Roberts WA	PRPR	-	-	nd	-	680	47
Lutak Inlet AK	LUT	nd	-	nd	-	nd	-
Nahku Bay AK	NAH	nd	-	nd	-	160	137
Unakwit Inlet AK	UISB	nd	-	nd	-	nd	-
Port Valdez AK	PVMC	-	-	nd	-	nd	-
Oliktok Pt. AK	OLI	200	15	nd	-	1300	12
Prudhoe Bay AK	END	240	59	59	62	1200	52
Barber's Pt. HI	BPBP	nd	-	nd	-	4800	81
Honolulu Hrb. HI	HHKL	510	113	nd	-	5100	92

APPENDIX C.

Summary Statistics for Individual Organic Compounds in Sandy Sediments

APPENDIX C.

National Status and Trends Program

Summary Statistics for Individual Organic Compounds in Sandy Sediments Collected in 1984 through 1987

Unlike the data for fine-grained sediments (%fine >20%),where contaminant concentrations were normalized for the fraction of fine-grained sediment in the sample, these data for sandy sediments (%fine ≤20%) have been derived directly from the raw concentration data.

Explanation of tables:

The column labeled "CODE" indicates site location more specifically than does the column labeled "SITE" and is keyed to the maps in NOAA(1988) showing site location.

The next eight columns are the mean concentration and coefficient of variation (c.v.%, standard deviation divided by mean) for each of four individual compounds.

A mean is listed as "nd" when the contaminant was not detected in any of the samples for the site. When at least one analysis yielded a quantifiable signal the "nd's" have been treated as zeros when calculating the summary statistics. When no analyses was made for a contaminant, its mean is listed as a triple dash (---). A single dash (-) appears for a c.v% whenever n ≤1.

Sites appear in both this and in Appendix B, for fine-grained sediments, whenever individual composites from stations at a site fall into separate categories.

Table C.1.1: Average concentrations, ng/g dry-wt, and coefficients of variation, per cent, for **o,p'-DDD**, **p,p'-DDD**, **o,p'-DDE** and **p,p'-DDE** in fine coarse sediments at NS&T sites.

		o,p'-DDD		**p,p'-DDD**		**o,p'-DDE**		**p,p'-DDE**	
SITE	CODE	mean	c.v.%	mean	c.v.%	mean	c.v.%	mean	c.v.%
Penobscot Bay ME	PBPI	-	-	-	-	-	-	-	-
Merrimac R. MA	MER	nd	-	nd	-	nd	-	nd	-
Boston Hrb. MA	BHDI	nd	-	.4	-	nd	-	nd	-
Boston Hrb. MA	BHDB	nd	-	2.2	-	2.5	-	4.9	-
Boston Hrb. MA	BHHB	nd	-	1.7	31	.2	173	.9	87
Buzzards Bay MA	BBAR	nd	-	nd	-	2.8	-	2.9	-
Buzzards Bay MA	BBGN	nd	-	nd	-	nd	-	.6	-
Narr. Bay RI	NBDI	nd	-	1	-	nd	-	1	-
E. Long Is. Snd. CT	ELI	nd	-	nd	-	.1	245	nd	-
Long Is. Snd. CT	LICR	nd	-	12	-	nd	-	.8	-
Long Is. Snd. CT	LINH	.2	173	nd	-	nd	-	nd	-
Long Is. Snd. CT	LIHR	12	95	7.9	91	1.4	173	1.4	128
Long Is. Snd. CT	LISI	nd	-	nd	-	nd	-	nd	-
Long Is. Snd. NY	LIPJ	nd	-	nd	-	nd	-	.3	141
Moriches Bay NY	MBTH	nd	-	nd	-	nd	-	.6	-
Hud./Rar. Est NY	HRJB	nd	-	1.1	-	nd	-	.9	-
Hud./Rar. Est. NY	HRUB	2.3	173	22	49	nd	-	8.4	69
Hud./Rar. Est. NY	HRLB	4.1	-	16	-	nd	-	8.8	-
N.Y. Bight NJ	NYLB	-	-	-	-	-	-	-	-
N.Y. Bight NJ	NYSR	-	-	-	-	-	-	-	-
Delaware Bay DE	DEL	nd	-	nd	-	.2	173	.7	127
Delaware Bay DE	DBFE	-	-	-	-	-	-	-	-
Delaware Bay DE	DBBD	-	-	-	-	-	-	-	-
Ches. Bay MD	CBHG	nd	-	nd	-	nd	-	nd	-
Mid. Ches. Bay VA	MCB	nd	-	nd	-	nd	-	.6	-
Ches. Bay VA	CBIB	nd	-	nd	-	nd	-	nd	-
Ches. Bay VA	CBCC	nd	-	nd	-	nd	-	nd	-
Ches. Bay VA	CBDP	nd	-	.6	6	nd	-	.4	6
Chincoteague Bay VA	CBCI	nd	-	nd	-	nd	-	.4	99
Roanoke Snd. VA	RSJC	nd	-	nd	-	nd	-	.1	173
Pamlico Snd. NC	PSWB	nd	-	nd	-	nd	-	nd	-
Pamlico Snd. NC	PAM	nd	-	nd	-	nd	-	nd	-
Cape Fear NC	CFBI	nd	-	nd	-	nd	-	nd	-
Charleston Hrb. SC	CHFJ	-	-	-	-	-	-	-	-
Charleston Hrb. SC	CHSF	nd	-	nd	-	nd	-	nd	-
Savannah R. Est. GA	SRTI	nd	-	nd	-	nd	-	nd	-
Sapelo Snd. GA	SSSI	nd	-	nd	-	.4	89	.4	87
St. Johns R. FL	SJCB	nd	-	nd	-	nd	-	.4	-
St. Johns R. FL	SJR	nd	-	nd	-	nd	-	nd	-
Matanzas R. FL	MRCB	nd	-	nd	-	nd	-	nd	-
Everglades FL	EVFU	nd	-	nd	-	nd	-	.1	71
Naples Bay FL	NBNB	.5	92	1.9	141	nd	-	1.1	3
Charlotte Hrb. FL	CBBI	0	121	.2	113	nd	-	.2	43
Charlotte Hrb. FL	LOT	nd	-	nd	-	nd	-	nd	-
Tampa Bay FL	TAM	nd	-	nd	-	.2	224	nd	-
Tampa Bay FL	TBMK	.2	189	.9	162	0	200	.9	98
Tampa Bay FL	TBCB	.7	220	.7	207	0	245	.8	29
Tampa Bay FL	TBHB	1.3	200	2.2	166	.1	224	1.2	137
Tampa Bay FL	TBPB	nd	-	0	173	nd	-	.1	92
Cedar Key FL	CKBP	nd	-	nd	-	nd	-	0	-
Apalachicola Bay FL	APCP	.1	108	.3	58	0	173	.3	37
Choctawhat. Bay FL	CBSP	2.8	114	15	114	.2	83	5.4	116
Mobile Bay AL	MBCP	.5	112	1	104	1	111	1.2	115
Miss. Snd. MS	MSBB	.2	38	.8	38	nd	-	.5	92
Barataria Bay LA	BAR	nd	-	nd	-	nd	-	nd	-
J. Hrb. Bayou LA	JHJH	nd	-	.5	-	nd	-	.1	-

Table C.1.1: (Continued)

SITE	CODE	o,p'-DDD mean	o,p'-DDD c.v.%	p,p'-DDD mean	p,p'-DDD c.v.%	o,p'-DDE mean	o,p'-DDE c.v.%	p,p'-DDE mean	p,p'-DDE c.v.%
Galveston Bay TX	GAL	nd	-	nd	-	nd	-	nd	-
Matagorda Bay TX	MBEM	nd	-	nd	-	nd	-	nd	-
Espiritu Santo TX	ESBD	0	110	.1	98	0	141	.1	39
Corpus Christi TX	CCIC	0	141	0	141	0	141	0	141
Corpus Christi Bay TX	CCB	nd	-	nd	-	nd	-	nd	-
Imperial Beach CA	IBIB	.1	105	0	173	nd	-	.8	8
San Diego Bay CA	SDF	.2	200	1	200	3	200	17	200
Mission Bay CA	MBVB	.3	111	.3	122	.2	173	4.1	146
San Pedro Cyn. CA	SPC	7	-	26	-	48	-	270	-
S. Catalina Is. CA	SCBR	-	-	-	-	-	-	-	-
Santa Monica Bay CA	SMB	nd	-	0	245	.3	94	2.1	66
Pt. Conception CA	PCPC	.3	79	.3	9	.2	25	4.1	19
San Luis Ob. Bay CA	SLSL	.2	90	.3	19	.1	87	1.2	31
Pacific Grove CA	PGLP	nd	-	.1	173	nd	-	.9	52
Monterey Bay CA	MBSC	.6	43	1	7	nd	-	2.3	6
Monterey Bay CA	MON	nd	-	nd	-	nd	-	.2	100
Southamp. Shl. CA	SHS	0	245	.2	114	nd	-	0	167
Bodega Bay CA	BBBE	-	-	.3	-	nd	-	.3	-
Bodega Bay CA	BOD	nd	-	nd	-	nd	-	0	167
Humboldt Bay CA	HMBJ	nd	-	nd	-	nd	-	.2	7
Humboldt Bay CA	HMB	-	-	-	-	-	-	-	-
Pt. St. George OR	SGSG	-	-	-	-	-	-	-	-
Coos Bay OR	COO	nd	-	nd	-	nd	-	nd	-
Coos Bay OR	CBCH	nd	-	.3	173	nd	-	.3	142
Coos Bay OR	CBRP	nd	-	.3	-	nd	-	.1	-
Tillamook Bay OR	TBHP	nd	-	nd	-	nd	-	.1	-
Columbia R. OR	CRYB	.2	28	.6	33	nd	-	.7	0
Columbia R. OR	COL	nd	-	.1	173	nd	-	0	173
Gray's Hrb. WA	GHWJ	nd	-	.1	92	nd	-	.3	87
Nisqually Rch. WA	NIS	nd	-	nd	-	nd	-	nd	-
Elliott Bay WA	EBFR	nd	-	nd	-	nd	-	nd	-

Table C.1.2: Average concentrations, ng/g dry-wt, and coefficients of variation, per cent, for **o,p'-DDT**, **p,p'-DDT** and total DDT **[tDDT]** in coarse grain sediments at NS&T sites.

		o,p'-DDT		p,p'-DDT		tDDT	
SITE	CODE	mean	c.v.%	mean	c.v.%	mean	c.v.%
Penobscot Bay ME	PBPI	-	-	-	-	-	-
Merrimac R. MA	MER	nd	-	nd	-	nd	-
Boston Hrb. MA	BHDI	nd	-	nd	-	.4	-
Boston Hrb. MA	BHDB	nd	-	nd	-	9.6	-
Boston Hrb. MA	BHHB	nd	-	nd	-	2.8	44
Buzzards Bay MA	BBAR	nd	-	nd	-	5.7	-
Buzzards Bay MA	BBGN	nd	-	nd	-	.6	-
Narr. Bay RI	NBDI	nd	-	nd	-	2	-
E. Long Is. Snd. CT	ELI	nd	-	nd	-	.1	245
Long Is. Snd. CT	LICR	nd	-	nd	-	13	-
Long Is. Snd. CT	LINH	nd	-	nd	-	.2	173
Long Is. Snd. CT	LIHR	1.3	173	5.6	161	29	110
Long Is. Snd. CT	LISI	nd	-	nd	-	nd	-
Long Is. Snd. NY	LIPJ	nd	-	nd	-	.3	141
Moriches Bay NY	MBTH	nd	-	nd	-	.6	-
Hud./Rar. Est NY	HRJB	nd	-	1	-	3	-
Hud./Rar. Est. NY	HRUB	nd	-	8.3	35	41	42
Hud./Rar. Est. NY	HRLB	nd	-	5.8	-	35	-
N.Y. Bight NJ	NYLB	-	-	-	-	-	-
N.Y. Bight NJ	NYSR	-	-	-	-	-	-
Delaware Bay DE	DEL	nd	-	nd	-	.9	138
Delaware Bay DE	DBFE	-	-	-	-	-	-
Delaware Bay DE	DBBD	-	-	-	-	-	-
Ches. Bay MD	CBHG	nd	-	nd	-	nd	-
Mid. Ches. Bay VA	MCB	nd	-	nd	-	.6	-
Ches. Bay VA	CBIB	nd	-	nd	-	nd	-
Ches. Bay VA	CBCC	nd	-	nd	-	nd	-
Ches. Bay VA	CBDP	nd	-	nd	-	1	6
Chincoteague Bay VA	CBCI	nd	-	nd	-	.4	99
Roanoke Snd. VA	RSJC	nd	-	nd	-	.1	173
Pamlico Snd. NC	PSWB	nd	-	nd	-	nd	-
Pamlico Snd. NC	PAM	nd	-	nd	-	nd	-
Cape Fear NC	CFBI	nd	-	nd	-	nd	-
Charleston Hrb. SC	CHFJ	-	-	-	-	-	-
Charleston Hrb. SC	CHSF	nd	-	nd	-	nd	-
Savannah R. Est. GA	SRTI	nd	-	nd	-	nd	-
Sapelo Snd. GA	SSSI	nd	-	nd	-	.7	87
St. Johns R. FL	SJCB	nd	-	nd	-	.4	-
St. Johns R. FL	SJR	nd	-	nd	-	nd	-
Matanzas R. FL	MRCB	nd	-	nd	-	nd	-
Everglades FL	EVFU	nd	-	nd	-	.1	71
Naples Bay FL	NBNB	nd	-	.1	14	3.5	88
Charlotte Hrb. FL	CBBI	0	118	.1	179	.6	79
Charlotte Hrb. FL	LOT	nd	-	nd	-	nd	-
Tampa Bay FL	TAM	nd	-	nd	-	.2	224
Tampa Bay FL	TBMK	0	200	.1	83	2.1	125
Tampa Bay FL	TBCB	0	123	0	96	2.3	134
Tampa Bay FL	TBHB	.1	161	1.4	185	6.3	172
Tampa Bay FL	TBPB	0	173	0	173	.1	46
Cedar Key FL	CKBP	nd	-	nd	-	0	-
Apalachicola Bay FL	APCP	.1	87	.4	42	1.2	55
Choctawhat. Bay FL	CBSP	.8	110	12	117	36	115
Mobile Bay AL	MBCP	.6	111	0	141	4.3	109
Miss. Snd. MS	MSBB	.1	122	.1	87	1.6	39
Barataria Bay LA	BAR	nd	-	nd	-	nd	-
J. Hrb. Bayou LA	JHJH	nd	-	.1	-	.7	-

Table C.1.2: (Continued)

SITE	CODE	o,p'-DDT mean	o,p'-DDT c.v.%	p,p'-DDT mean	p,p'-DDT c.v.%	tDDT mean	tDDT c.v.%
Galveston Bay TX	GAL	nd	-	nd	-	nd	-
Matagorda Bay TX	MBEM	nd	-	1.3	-	1.3	-
Espiritu Santo TX	ESBD	0	141	.1	93	.4	26
Corpus Christi TX	CCIC	0	141	0	141	.1	141
Corpus Christi Bay TX	CCB	nd	-	nd	-	nd	-
Imperial Beach CA	IBIB	0	173	.1	93	1	24
San Diego Bay CA	SDF	-	-	nd	-	21	200
Mission Bay CA	MBVB	0	173	.2	173	5.1	144
San Pedro Cyn. CA	SPC	-	-	nd	-	350	-
S. Catalina Is. CA	SCBR	-	-	-	-	-	-
Santa Monica Bay CA	SMB	-	-	0	245	2.5	66
Pt. Conception CA	PCPC	0	173	.3	4	5.3	13
San Luis Ob. Bay CA	SLSL	.2	94	.1	91	2.2	43
Pacific Grove CA	PGLP	nd	-	0	173	1	54
Monterey Bay CA	MBSC	.3	11	.8	24	5.1	14
Monterey Bay CA	MON	-	-	nd	-	.2	100
Southamp. Shl. CA	SHS	-	-	nd	-	.3	103
Bodega Bay CA	BBBE	nd	-	.1	-	.6	-
Bodega Bay CA	BOD	-	-	nd	-	0	167
Humboldt Bay CA	HMBJ	nd	-	.1	173	.2	46
Humboldt Bay CA	HMB	-	-	-	-	-	-
Pt. St. George OR	SGSG	-	-	-	-	-	-
Coos Bay OR	COO	-	-	nd	-	nd	-
Coos Bay OR	CBCH	nd	-	nd	-	.5	157
Coos Bay OR	CBRP	nd	-	nd	-	.4	-
Tillamook Bay OR	TBHP	nd	-	nd	-	.1	-
Columbia R. OR	CRYB	nd	-	.2	141	1.8	28
Columbia R. OR	COL	-	-	nd	-	.1	173
Gray's Hrb. WA	GHWJ	nd	-	nd	-	.4	87
Nisqually Rch. WA	NIS	-	-	nd	-	nd	-
Elliott Bay WA	EBFR	nd	-	nd	-	nd	-

Table C.2.1: Average concentrations, ng/g dry-wt, and coefficients of variation, per cent, for **Aldrin**, Alpha-Chlordane [**aChld**], Trans-Nonachlor [**TNChl**] and **Dieldrin** in coarse grain sediments at NS&T sites.

		Aldrin		**aChld**		**TNChl**		**Dieldrin**	
SITE	CODE	mean	c.v.%	mean	c.v.%	mean	c.v.%	mean	c.v.%
Penobscot Bay ME	PBPI	-	-	-	-	-	-	-	-
Merrimac R. MA	MER	.2	94	.2	120	.3	164	nd	-
Boston Hrb. MA	BHDI	nd	-	.3	-	nd	-	nd	-
Boston Hrb. MA	BHDB	nd	-	nd	-	nd	-	4.1	-
Boston Hrb. MA	BHHB	nd	-	.2	173	.2	173	.3	173
Buzzards Bay MA	BBAR	nd	-	nd	-	nd	-	4	-
Buzzards Bay MA	BBGN	1	-	nd	-	nd	-	.9	-
Narr. Bay RI	NBDI	.7	-	.7	-	.4	-	1	-
E. Long Is. Snd. CT	ELI	0	162	0	245	nd	-	nd	-
Long Is. Snd. CT	LICR	nd	-	.4	-	nd	-	.8	-
Long Is. Snd. CT	LINH	nd	-	nd	-	nd	-	nd	-
Long Is. Snd. CT	LIHR	1.4	173	2.5	100	.8	122	3	113
Long Is. Snd. CT	LISI	nd	-	nd	-	nd	-	nd	-
Long Is. Snd. NY	LIPJ	nd	-	.2	141	nd	-	nd	-
Moriches Bay NY	MBTH	nd	-	.4	-	nd	-	.5	-
Hud./Rar. Est NY	HRJB	nd	-	.7	-	.5	-	.6	-
Hud./Rar. Est. NY	HRUB	nd	-	2.4	32	.8	2	4.2	4
Hud./Rar. Est. NY	HRLB	nd	-	2.3	-	1.9	-	3.3	-
N.Y. Bight NJ	NYLB	-	-	-	-	-	-	-	-
N.Y. Bight NJ	NYSR	-	-	-	-	-	-	-	-
Delaware Bay DE	DEL	.6	89	.6	91	.5	125	nd	-
Delaware Bay DE	DBFE	-	-	-	-	-	-	-	-
Delaware Bay DE	DBBD	-	-	-	-	-	-	-	-
Ches. Bay MD	CBHG	nd	-	nd	-	nd	-	nd	-
Mid. Ches. Bay VA	MCB	nd	-	nd	-	nd	-	nd	-
Ches. Bay VA	CBIB	nd	-	nd	-	nd	-	nd	-
Ches. Bay VA	CBCC	nd	-	nd	-	nd	-	nd	-
Ches. Bay VA	CBDP	nd	-	nd	-	nd	-	nd	-
Chincoteague Bay VA	CBCI	nd	-	.1	173	nd	-	.1	173
Roanoke Snd. VA	RSJC	nd	-	.1	173	nd	-	nd	-
Pamlico Snd. NC	PSWB	nd	-	.1	173	nd	-	nd	-
Pamlico Snd. NC	PAM	nd	-	nd	-	nd	-	nd	-
Cape Fear NC	CFBI	nd	-	nd	-	nd	-	nd	-
Charleston Hrb. SC	CHFJ	-	-	-	-	-	-	-	-
Charleston Hrb. SC	CHSF	nd	-	nd	-	nd	-	nd	-
Savannah R. Est. GA	SRTI	nd	-	nd	-	nd	-	nd	-
Sapelo Snd. GA	SSSI	nd	-	.3	89	nd	-	.1	173
St. Johns R. FL	SJCB	nd	-	nd	-	.3	-	.6	-
St. Johns R. FL	SJR	nd	-	nd	-	nd	-	nd	-
Matanzas R. FL	MRCB	nd	-	nd	-	nd	-	nd	-
Everglades FL	EVFU	nd	-	nd	-	nd	-	nd	-
Naples Bay FL	NBNB	0	141	1.8	69	2.2	82	.6	41
Charlotte Hrb. FL	CBBI	0	115	.1	56	.1	64	.1	72
Charlotte Hrb. FL	LOT	nd	-	.3	173	nd	-	nd	-
Tampa Bay FL	TAM	nd	-	nd	-	nd	-	nd	-
Tampa Bay FL	TBMK	0	200	.4	81	.6	93	.1	93
Tampa Bay FL	TBCB	nd	-	.4	35	.5	38	0	98
Tampa Bay FL	TBHB	0	100	.2	59	.2	60	0	224
Tampa Bay FL	TBPB	nd	-	.1	75	.1	68	0	87
Cedar Key FL	CKBP	nd	-	.1	-	nd	-	.2	-
Apalachicola Bay FL	APCP	0	125	.1	22	.1	33	.3	131
Choctawhat. Bay FL	CBSP	nd	-	.6	89	.4	87	1.4	41
Mobile Bay AL	MBCP	0	141	1.3	141	.5	141	.1	94
Miss. Snd. MS	MSBB	nd	-	.7	150	.3	137	.2	7
Barataria Bay LA	BAR	nd	-	nd	-	nd	-	nd	-
J. Hrb. Bayou LA	JHJH	nd	-	.1	-	nd	-	nd	-

Table C.2.1: (Continued)

SITE	CODE	Aldrin		aChld		TNChl		Dieldrin	
		mean	c.v.%	mean	c.v.%	mean	c.v.%	mean	c.v.%
Galveston Bay TX	GAL	nd	-	nd	-	nd	-	nd	-
Matagorda Bay TX	MBEM	nd	-	nd	-	nd	-	nd	-
Espiritu Santo TX	ESBD	0	141	0	20	0	16	0	141
Corpus Christi TX	CCIC	0	141	0	35	0	141	0	141
Corpus Christi Bay TX	CCB	nd	-	nd	-	nd	-	nd	-
Imperial Beach CA	IBIB	nd	-	0	173	0	89	nd	-
San Diego Bay CA	SDF	nd	-	nd	-	nd	-	nd	-
Mission Bay CA	MBVB	nd	-	.1	99	.2	64	.1	41
San Pedro Cyn. CA	SPC	nd	-	nd	-	nd	-	nd	-
S. Catalina Is. CA	SCBR	-	-	-	-	-	-	-	-
Santa Monica Bay CA	SMB	nd	-	.3	122	0	245	nd	-
Pt. Conception CA	PCPC	nd	-	0	88	.1	22	0	173
San Luis Ob. Bay CA	SLSL	nd	-	0	87	.1	9	.1	29
Pacific Grove CA	PGLP	0	173	nd	-	.1	7	.2	30
Monterey Bay CA	MBSC	nd	-	.1	9	.1	20	.2	88
Monterey Bay CA	MON	nd	-	nd	-	nd	-	nd	-
Southamp. Shl. CA	SHS	nd	-	nd	-	nd	-	nd	-
Bodega Bay CA	BBBE	nd	-	0	-	0	-	0	-
Bodega Bay CA	BOD	nd	-	nd	-	nd	-	nd	-
Humboldt Bay CA	HMBJ	nd	-	nd	-	0	173	.3	29
Humboldt Bay CA	HMB	-	-	-	-	-	-	-	-
Pt. St. George OR	SGSG	-	-	-	-	-	-	-	-
Coos Bay OR	COO	nd	-	nd	-	nd	-	nd	-
Coos Bay OR	CBCH	nd	-	nd	-	nd	-	nd	-
Coos Bay OR	CBRP	.2	-	nd	-	nd	-	nd	-
Tillamook Bay OR	TBHP	nd	-	nd	-	nd	-	nd	-
Columbia R. OR	CRYB	.2	141	0	141	nd	-	.4	20
Columbia R. OR	COL	nd	-	nd	-	nd	-	nd	-
Gray's Hrb. WA	GHWJ	nd	-	nd	-	.1	173	.1	173
Nisqually Rch. WA	NIS	nd	-	nd	-	nd	-	nd	-
Elliott Bay WA	EBFR	nd	-	nd	-	0	173	nd	-

Table C.2.2: Average concentrations, ng/g dry-wt, and coefficients of variation, per cent, for Heptachlor **[HpChl]**, Heptachlor epoxide **[HpChlEp]**, Hexachlorobenzene **[HxChlB]** and **Lindane** (gamma-BHC) in coarse grain sediments at NS&T sites.

		HpChl		**HpChlEp**		**HxChlB**		**Lindane**	
SITE	CODE	mean	c.v.%	mean	c.v.%	mean	c.v.%	mean	c.v.%
Penobscot Bay ME	PBPI	-	-	-	-	-	-	-	-
Merrimac R. MA	MER	.2	138	nd	-	.6	71	.2	83
Boston Hrb. MA	BHDI	nd	-	nd	-	nd	-	nd	-
Boston Hrb. MA	BHDB	nd	-	1.2	-	.3	-	nd	-
Boston Hrb. MA	BHHB	nd	-	nd	-	nd	-	nd	-
Buzzards Bay MA	BBAR	nd	-	nd	-	nd	-	nd	-
Buzzards Bay MA	BBGN	nd	-	nd	-	.4	-	nd	-
Narr. Bay RI	NBDI	nd	-	nd	-	nd	-	.1	-
E. Long Is. Snd. CT	ELI	nd	-	0	245	0	155	.1	180
Long Is. Snd. CT	LICR	nd	-	nd	-	nd	-	.4	-
Long Is. Snd. CT	LINH	nd	-	nd	-	nd	-	nd	-
Long Is. Snd. CT	LIHR	nd	-	.8	173	nd	-	nd	-
Long Is. Snd. CT	LISI	nd	-	nd	-	nd	-	nd	-
Long Is. Snd. NY	LIPJ	nd	-	nd	-	.5	141	nd	-
Moriches Bay NY	MBTH	nd	-	nd	-	nd	-	nd	-
Hud./Rar. Est NY	HRJB	nd	-	nd	-	nd	-	.5	-
Hud./Rar. Est. NY	HRUB	.7	173	nd	-	.4	88	nd	-
Hud./Rar. Est. NY	HRLB	nd	-	nd	-	.5	-	nd	-
N.Y. Bight NJ	NYLB	-	-	-	-	-	-	-	-
N.Y. Bight NJ	NYSR	-	-	-	-	-	-	-	-
Delaware Bay DE	DEL	.1	173	nd	-	1.5	150	.7	138
Delaware Bay DE	DBFE	-	-	-	-	-	-	-	-
Delaware Bay DE	DBBD	-	-	-	-	-	-	-	-
Ches. Bay MD	CBHG	nd	-	nd	-	nd	-	nd	-
Mid. Ches. Bay VA	MCB	nd	-	nd	-	nd	-	nd	-
Ches. Bay VA	CBIB	nd	-	nd	-	nd	-	nd	-
Ches. Bay VA	CBCC	nd	-	nd	-	nd	-	nd	-
Ches. Bay VA	CBDP	nd	-	nd	-	nd	-	nd	-
Chincoteague Bay VA	CBCI	nd	-	.1	173	.5	173	.1	173
Roanoke Snd. VA	RSJC	nd	-	nd	-	0	173	nd	-
Pamlico Snd. NC	PSWB	nd	-	.3	18	.1	60	0	101
Pamlico Snd. NC	PAM	nd	-	nd	-	nd	-	nd	-
Cape Fear NC	CFBI	nd	-	nd	-	nd	-	nd	-
Charleston Hrb. SC	CHFJ	-	-	-	-	-	-	-	-
Charleston Hrb. SC	CHSF	nd	-	nd	-	nd	-	nd	-
Savannah R. Est. GA	SRTI	nd	-	nd	-	nd	-	nd	-
Sapelo Snd. GA	SSSI	nd	-	nd	-	0	95	nd	-
St. Johns R. FL	SJCB	nd	-	nd	-	nd	-	nd	-
St. Johns R. FL	SJR	nd	-	nd	-	nd	-	nd	-
Matanzas R. FL	MRCB	nd	-	nd	-	0	173	nd	-
Everglades FL	EVFU	nd	-	nd	-	nd	-	nd	-
Naples Bay FL	NBNB	.1	141	.1	141	0	141	0	141
Charlotte Hrb. FL	CBBI	0	200	0	200	0	173	0	180
Charlotte Hrb. FL	LOT	nd	-	nd	-	nd	-	nd	-
Tampa Bay FL	TAM	nd	-	nd	-	0	224	nd	-
Tampa Bay FL	TBMK	.2	200	0	200	0	86	0	200
Tampa Bay FL	TBCB	nd	-	0	245	0	143	nd	-
Tampa Bay FL	TBHB	0	224	nd	-	0	100	nd	-
Tampa Bay FL	TBPB	nd	-	0	173	.1	87	nd	-
Cedar Key FL	CKBP	nd	-	nd	-	0	-	nd	-
Apalachicola Bay FL	APCP	nd	-	nd	-	.1	120	0	132
Choctawhat. Bay FL	CBSP	0	141	nd	-	.1	76	.1	141
Mobile Bay AL	MBCP	0	141	0	141	0	141	.1	141
Miss. Snd. MS	MSBB	0	89	0	173	0	173	nd	-
Barataria Bay LA	BAR	nd	-	nd	-	nd	-	nd	-
J. Hrb. Bayou LA	JHJH	nd	-	nd	-	nd	-	nd	-

Table C.2.2: (Continued)

SITE	CODE	HpChl mean	HpChl c.v.%	HpChlEp mean	HpChlEp c.v.%	HxChlB mean	HxChlB c.v.%	Lindane mean	Lindane c.v.%
Galveston Bay TX	GAL	nd	-	nd	-	nd	-	nd	-
Matagorda Bay TX	MBEM	nd	-	-	-	-	-	nd	-
Espiritu Santo TX	ESBD	0	141	nd	-	.2	-	nd	-
Corpus Christi TX	CCIC	0	141	nd	-	.1	-	0	141
Corpus Christi Bay TX	CCB	nd	-	nd	-	nd	-	nd	-
Imperial Beach CA	IBIB	nd	-	nd	-	0	173	nd	-
San Diego Bay CA	SDF	nd	-	nd	-	nd	-	nd	-
Mission Bay CA	MBVB	0	173	nd	-	0	69	nd	-
San Pedro Cyn. CA	SPC	nd	-	nd	-	nd	-	nd	-
S. Catalina Is. CA	SCBR	-	-	-	-	-	-	-	-
Santa Monica Bay CA	SMB	nd	-	nd	-	nd	-	0	245
Pt. Conception CA	PCPC	nd	-	nd	-	0	87	0	173
San Luis Ob. Bay CA	SLSL	0	50	nd	-	nd	-	nd	-
Pacific Grove CA	PGLP	nd	-	nd	-	nd	-	.1	97
Monterey Bay CA	MBSC	nd	-	0	141	0	141	nd	-
Monterey Bay CA	MON	nd	-	nd	-	nd	-	nd	-
Southamp. Shl. CA	SHS	nd	-	nd	-	nd	-	nd	-
Bodega Bay CA	BBBE	nd	-	nd	-	nd	-	nd	-
Bodega Bay CA	BOD	nd	-	nd	-	nd	-	nd	-
Humboldt Bay CA	HMBJ	nd	-	0	87	nd	-	nd	-
Humboldt Bay CA	HMB	-	-	-	-	-	-	-	-
Pt. St. George OR	SGSG	-	-	-	-	-	-	-	-
Coos Bay OR	COO	nd	-	nd	-	nd	-	nd	-
Coos Bay OR	CBCH	.1	173	nd	-	nd	-	.1	173
Coos Bay OR	CBRP	nd	-	nd	-	nd	-	nd	-
Tillamook Bay OR	TBHP	nd	-	nd	-	.1	-	nd	-
Columbia R. OR	CRYB	nd	-	nd	-	nd	-	nd	-
Columbia R. OR	COL	nd	-	nd	-	.1	173	nd	-
Gray's Hrb. WA	GHWJ	.1	129	nd	-	0	173	nd	-
Nisqually Rch. WA	NIS	nd	-	nd	-	nd	-	nd	-
Elliott Bay WA	EBFR	nd	-	nd	-	nd	-	nd	-

Table C.2.3: Average concentrations, ng/g dry-wt, and coefficients of variation, per cent, for **Mirex** and total non-DDT chlorinated pesticides [**tChlP**] in coarse grain sediments at NS&T sites.

		Mirex		tChlP	
SITE	CODE	mean	c.v.%	mean	c.v.%
Penobscot Bay ME	PBPI	-	-	-	-
Merrimac R. MA	MER	nd	-	1.7	62
Boston Hrb. MA	BHDI	nd	-	.3	-
Boston Hrb. MA	BHDB	.5	-	6.1	-
Boston Hrb. MA	BHHB	.4	173	1.1	95
Buzzards Bay MA	BBAR	nd	-	4	-
Buzzards Bay MA	BBGN	.3	-	2.6	-
Narr. Bay RI	NBDI	.8	-	3.8	-
E. Long Is. Snd. CT	ELI	nd	-	.2	126
Long Is. Snd. CT	LICR	nd	-	1.6	-
Long Is. Snd. CT	LINH	nd	-	nd	-
Long Is. Snd. CT	LIHR	2.7	118	11	122
Long Is. Snd. CT	LISI	nd	-	nd	-
Long Is. Snd. NY	LIPJ	nd	-	.7	141
Moriches Bay NY	MBTH	nd	-	.9	-
Hud./Rar. Est NY	HRJB	nd	-	2.3	-
Hud./Rar. Est. NY	HRUB	2.7	12	11	9
Hud./Rar. Est. NY	HRLB	.9	-	8.9	-
N.Y. Bight NJ	NYLB	-	-	-	-
N.Y. Bight NJ	NYSR	-	-	-	-
Delaware Bay DE	DEL	nd	-	4	110
Delaware Bay DE	DBFE	-	-	-	-
Delaware Bay DE	DBBD	-	-	-	-
Ches. Bay MD	CBHG	nd	-	nd	-
Mid. Ches. Bay VA	MCB	nd	-	nd	-
Ches. Bay VA	CBIB	nd	-	nd	-
Ches. Bay VA	CBCC	nd	-	nd	-
Ches. Bay VA	CBDP	nd	-	nd	-
Chincoteague Bay VA	CBCI	nd	-	1	173
Roanoke Snd. VA	RSJC	nd	-	.1	173
Pamlico Snd. NC	PSWB	nd	-	.6	50
Pamlico Snd. NC	PAM	nd	-	nd	-
Cape Fear NC	CFBI	nd	-	nd	-
Charleston Hrb. SC	CHFJ	-	-	-	-
Charleston Hrb. SC	CHSF	nd	-	nd	-
Savannah R. Est. GA	SRTI	nd	-	nd	-
Sapelo Snd. GA	SSSI	nd	-	.5	91
St. Johns R. FL	SJCB	nd	-	1	-
St. Johns R. FL	SJR	nd	-	nd	-
Matanzas R. FL	MRCB	nd	-	0	173
Everglades FL	EVFU	nd	-	nd	-
Naples Bay FL	NBNB	nd	-	4.8	75
Charlotte Hrb. FL	CBBI	0	200	.3	51
Charlotte Hrb. FL	LOT	nd	-	.3	173
Tampa Bay FL	TAM	nd	-	0	224
Tampa Bay FL	TBMK	.1	70	1.3	69
Tampa Bay FL	TBCB	.3	69	1.3	47
Tampa Bay FL	TBHB	.2	57	.6	22
Tampa Bay FL	TBPB	.2	90	.6	36
Cedar Key FL	CKBP	0	-	.3	-
Apalachicola Bay FL	APCP	.1	92	.6	42
Choctawhat. Bay FL	CBSP	0	141	2.6	66
Mobile Bay AL	MBCP	0	141	2.2	138
Miss. Snd. MS	MSBB	0	173	1.4	117
Barataria Bay LA	BAR	nd	-	nd	-
J. Hrb. Bayou LA	JHJH	nd	-	.1	-

Table C.2.3: (Continues)

SITE	CODE	Mirex mean	Mirex c.v.%	tChlP mean	tChlP c.v.%
Galveston Bay TX	GAL	nd	-	nd	-
Matagorda Bay TX	MBEM	nd	-	nd	-
Espiritu Santo TX	ESBD	0	141	.3	105
Corpus Christi TX	CCIC	0	141	.2	121
Corpus Christi Bay TX	CCB	nd	-	nd	-
Imperial Beach CA	IBIB	nd	-	.1	87
San Diego Bay CA	SDF	nd	-	nd	-
Mission Bay CA	MBVB	nd	-	.4	67
San Pedro Cyn. CA	SPC	nd	-	nd	-
S. Catalina Is. CA	SCBR	-	-	-	-
Santa Monica Bay CA	SMB	nd	-	.3	109
Pt. Conception CA	PCPC	nd	-	.2	27
San Luis Ob. Bay CA	SLSL	nd	-	.2	17
Pacific Grove CA	PGLP	nd	-	.4	29
Monterey Bay CA	MBSC	nd	-	.4	59
Monterey Bay CA	MON	nd	-	nd	-
Southamp. Shl. CA	SHS	nd	-	nd	-
Bodega Bay CA	BBBE	nd	-	.1	-
Bodega Bay CA	BOD	nd	-	nd	-
Humboldt Bay CA	HMBJ	nd	-	.3	13
Humboldt Bay CA	HMB	-	-	-	-
Pt. St. George OR	SGSG	-	-	-	-
Coos Bay OR	COO	nd	-	nd	-
Coos Bay OR	CBCH	nd	-	.1	87
Coos Bay OR	CBRP	nd	-	.2	-
Tillamook Bay OR	TBHP	nd	-	.1	-
Columbia R. OR	CRYB	nd	-	.6	33
Columbia R. OR	COL	nd	-	.1	173
Gray's Hrb. WA	GHWJ	nd	-	.2	96
Nisqually Rch. WA	NIS	nd	-	nd	-
Elliott Bay WA	EBFR	nd	-	0	173

Table C.3.1: Average concentrations, ng/g dry-wt, and coefficients of variation, per cent, for Dichlorobiphenyls [**DiCB**], Trichlorobiphenyls [**TriCB**], Tetrachlorobiphenyls [**TetraCB**] and Pentachlorobiphenyls [**PentaCB**] in coarse grain sediments at NS&T sites.

		DiCB		**TriCB**		**TetraCB**		**PentaCB**	
SITE	CODE	mean	c.v.%	mean	c.v.%	mean	c.v.%	mean	c.v.%
Penobscot Bay ME	PBPI	-	-	-	-	-	-	-	-
Merrimac R. MA	MER	1.2	107	3.9	48	3.3	65	5	109
Boston Hrb. MA	BHDI	nd	-	4	-	2.3	-	2.6	-
Boston Hrb. MA	BHDB	3.6	-	24	-	73	-	50	-
Boston Hrb. MA	BHHB	.4	173	2.8	31	11	43	10	28
Buzzards Bay MA	BBAR	4.6	-	35	-	76	-	76	-
Buzzards Bay MA	BBGN	8.9	-	6.8	-	11	-	12	-
Narr. Bay RI	NBDI	4	-	1.7	-	5.3	-	7.6	-
E. Long Is. Snd. CT	ELI	3.7	173	.8	189	.3	138	1.2	164
Long Is. Snd. CT	LICR	nd	-	nd	-	7.2	-	9.2	-
Long Is. Snd. CT	LINH	nd	-	nd	-	nd	-	.2	173
Long Is. Snd. CT	LIHR	nd	-	2.4	87	17	91	31	98
Long Is. Snd. CT	LISI	nd	-	.9	-	nd	-	1.6	-
Long Is. Snd. NY	LIPJ	nd	-	nd	-	.6	141	3.7	57
Moriches Bay NY	MBTH	nd	-	.8	-	1.3	-	4.2	-
Hud./Rar. Est NY	HRJB	4.9	-	3.6	-	6.7	-	8.5	-
Hud./Rar. Est. NY	HRUB	2.8	173	22	14	84	14	57	12
Hud./Rar. Est. NY	HRLB	4.7	-	30	-	53	-	49	-
N.Y. Bight NJ	NYLB	-	-	-	-	-	-	-	-
N.Y. Bight NJ	NYSR	-	-	-	-	-	-	-	-
Delaware Bay DE	DEL	.5	173	3.3	173	7.7	173	8	151
Delaware Bay DE	DBFE	-	-	-	-	-	-	-	-
Delaware Bay DE	DBBD	-	-	-	-	-	-	-	-
Ches. Bay MD	CBHG	nd	-	nd	-	nd	-	nd	-
Mid. Ches. Bay VA	MCB	nd	-	nd	-	nd	-	2	-
Ches. Bay VA	CBIB	nd	-	.2	-	nd	-	.6	-
Ches. Bay VA	CBCC	nd	-	nd	-	nd	-	nd	-
Ches. Bay VA	CBDP	nd	-	nd	-	nd	-	.9	5
Chincoteague Bay VA	CBCI	-	-	-	-	-	-	-	-
Roanoke Snd. VA	RSJC	-	-	-	-	-	-	-	-
Pamlico Snd. NC	PSWB	-	-	-	-	-	-	-	-
Pamlico Snd. NC	PAM	nd	-	nd	-	nd	-	nd	-
Cape Fear NC	CFBI	nd	-	nd	-	nd	-	nd	-
Charleston Hrb. SC	CHFJ	-	-	-	-	-	-	-	-
Charleston Hrb. SC	CHSF	nd	-	nd	-	nd	-	nd	-
Savannah R. Est. GA	SRTI	nd	-	nd	-	nd	-	.3	200
Sapelo Snd. GA	SSSI	-	-	-	-	-	-	-	-
St. Johns R. FL	SJCB	nd	-	nd	-	nd	-	1.4	-
St. Johns R. FL	SJR	4	141	7.6	113	23	10	3.4	50
Matanzas R. FL	MRCB	-	-	-	-	-	-	-	-
Everglades FL	EVFU	nd	-	.4	141	1.1	103	0	141
Naples Bay FL	NBNB	.1	141	1.6	97	2.2	58	4	7
Charlotte Hrb. FL	CBBI	0	200	.2	115	.6	121	.8	167
Charlotte Hrb. FL	LOT	2.8	93	.2	173	1.1	173	3.6	104
Tampa Bay FL	TAM	nd	-	.2	224	.2	224	.3	148
Tampa Bay FL	TBMK	nd	-	.4	70	2.6	113	1.9	88
Tampa Bay FL	TBCB	.1	118	.1	89	.1	200	.4	124
Tampa Bay FL	TBHB	.2	117	1.3	93	3.4	28	6.9	44
Tampa Bay FL	TBPB	nd	-	nd	-	.2	92	nd	-
Cedar Key FL	CKBP	nd	-	nd	-	.5	-	nd	-
Apalachicola Bay FL	APCP	nd	-	.2	35	1	52	.8	87
Choctawhat. Bay FL	CBSP	nd	-	.6	120	1.8	55	3.2	81
Mobile Bay AL	MBCP	2.3	141	3.9	138	13	138	8.8	140
Miss. Snd. MS	MSBB	nd	-	1.1	68	2	63	1.6	62
Barataria Bay LA	BAR	2.1	-	nd	-	nd	-	nd	-
J. Hrb. Bayou LA	JHJH	nd	-	.7	-	3.7	-	.6	-

Table C.3.1: (Continued)

SITE	CODE	DiCB mean	DiCB c.v.%	TriCB mean	TriCB c.v.%	TetraCB mean	TetraCB c.v.%	PentaCB mean	PentaCB c.v.%
Galveston Bay TX	GAL	nd	-	nd	-	nd	-	nd	-
Matagorda Bay TX	MBEM	.2	-	.4	-	.8	-	.2	-
Espiritu Santo TX	ESBD	.1	141	.1	0	.2	47	.3	94
Corpus Christi TX	CCIC	.2	141	nd	-	.6	47	.1	141
Corpus Christi Bay TX	CCB	nd	-	nd	-	nd	-	nd	-
Imperial Beach CA	IBIB	-	-	-	-	-	-	-	-
San Diego Bay CA	SDF	nd	-	1.8	118	3.8	93	4.3	107
Mission Bay CA	MBVB	-	-	-	-	-	-	-	-
San Pedro Cyn. CA	SPC	nd	-	3	-	33	-	41	-
S. Catalina Is. CA	SCBR	-	-	-	-	-	-	-	-
Santa Monica Bay CA	SMB	nd	-	1.1	45	1.9	48	3.8	30
Pt. Conception CA	PCPC	-	-	-	-	-	-	-	-
San Luis Ob. Bay CA	SLSL	-	-	-	-	-	-	-	-
Pacific Grove CA	PGLP	-	-	-	-	-	-	-	-
Monterey Bay CA	MBSC	-	-	-	-	-	-	-	-
Monterey Bay CA	MON	nd	-	.3	92	2.7	115	1	104
Southamp. Shl. CA	SHS	nd	-	.7	54	2.2	119	3.4	57
Bodega Bay CA	BBBE	-	-	-	-	-	-	-	-
Bodega Bay CA	BOD	nd	-	1.1	67	1.3	119	1.5	59
Humboldt Bay CA	HMBJ	-	-	-	-	-	-	-	-
Humboldt Bay CA	HMB	-	-	-	-	-	-	-	-
Pt. St. George OR	SGSG	-	-	-	-	-	-	-	-
Coos Bay OR	COO	nd	-	.2	173	.2	89	1.1	67
Coos Bay OR	CBCH	.4	173	1.2	92	.7	91	.7	88
Coos Bay OR	CBRP	nd	-	.6	-	.7	-	.6	-
Tillamook Bay OR	TBHP	1	-	.4	-	.4	-	1.1	-
Columbia R. OR	CRYB	nd	-	nd	-	1.4	100	.3	141
Columbia R. OR	COL	nd	-	1	100	1.2	138	2.7	78
Gray's Hrb. WA	GHWJ	-	-	-	-	-	-	-	-
Nisqually Rch. WA	NIS	nd	-	.7	56	.4	69	2.5	70
Elliott Bay WA	EBFR	-	-	-	-	-	-	-	-

Table C.3.2: Average concentrations, ng/g dry-wt, and coefficients of variation, per cent, for Hexachlorobiphenyls [**HexaCB**], Heptachlorobiphenyls [**HeptaCB**], Octachloro-biphenyls [**OctaCB**] and Nonachlorobiphenyls [**NonaCB**] in coarse grain sediments at NS&T sites.

		HexaCB		**HeptaCB**		**OctaCB**		**NonaCB**	
SITE	CODE	mean	c.v.%	mean	c.v.%	mean	c.v.%	mean	c.v.%
Penobscot Bay ME	PBPI	-	-	-	-	-	-	-	-
Merrimac R. MA	MER	5	146	9	159	1.8	192	nd	-
Boston Hrb. MA	BHDI	1.7	-	1.8	-	nd	-	nd	-
Boston Hrb. MA	BHDB	32	-	17	-	6.9	-	1.4	-
Boston Hrb. MA	BHHB	7	25	6.2	30	3.1	45	nd	-
Buzzards Bay MA	BBAR	41	-	8.9	-	1.4	-	nd	-
Buzzards Bay MA	BBGN	5.3	-	2.6	-	nd	-	nd	-
Narr. Bay RI	NBDI	8.2	-	5	-	3	-	1.3	-
E. Long Is. Snd. CT	ELI	2	151	.5	97	.3	115	.1	245
Long Is. Snd. CT	LICR	10	-	5.9	-	3.9	-	nd	-
Long Is. Snd. CT	LINH	.6	89	.1	173	.2	173	nd	-
Long Is. Snd. CT	LIHR	50	111	36	109	51	136	3.5	97
Long Is. Snd. CT	LISI	.9	-	.8	-	nd	-	nd	-
Long Is. Snd. NY	LIPJ	4.3	79	2.1	116	2.5	117	nd	-
Moriches Bay NY	MBTH	1	-	nd	-	.9	-	nd	-
Hud./Rar. Est NY	HRJB	2.9	-	nd	-	.7	-	nd	-
Hud./Rar. Est. NY	HRUB	20	11	17	3	6.3	39	.9	108
Hud./Rar. Est. NY	HRLB	27	-	18	-	9.6	-	1.8	-
N.Y. Bight NJ	NYLB	-	-	-	-	-	-	-	-
N.Y. Bight NJ	NYSR	-	-	-	-	-	-	-	-
Delaware Bay DE	DEL	15	168	1.7	173	.6	135	.7	88
Delaware Bay DE	DBFE	-	-	-	-	-	-	-	-
Delaware Bay DE	DBBD	-	-	-	-	-	-	-	-
Ches. Bay MD	CBHG	nd	-	nd	-	nd	-	nd	-
Mid. Ches. Bay VA	MCB	3	-	nd	-	nd	-	nd	-
Ches. Bay VA	CBIB	nd	-	nd	-	nd	-	nd	-
Ches. Bay VA	CBCC	nd	-	nd	-	nd	-	nd	-
Ches. Bay VA	CBDP	.4	6	nd	-	nd	-	nd	-
Chincoteague Bay VA	CBCI	-	-	-	-	-	-	-	-
Roanoke Snd. VA	RSJC	-	-	-	-	-	-	-	-
Pamlico Snd. NC	PSWB	-	-	-	-	-	-	-	-
Pamlico Snd. NC	PAM	nd	-	nd	-	nd	-	nd	-
Cape Fear NC	CFBI	nd	-	nd	-	nd	-	nd	-
Charleston Hrb. SC	CHFJ	-	-	-	-	-	-	-	-
Charleston Hrb. SC	CHSF	nd	-	nd	-	nd	-	nd	-
Savannah R. Est. GA	SRTI	nd	-	nd	-	nd	-	nd	-
Sapelo Snd. GA	SSSI	-	-	-	-	-	-	-	-
St. Johns R. FL	SJCB	.9	-	nd	-	nd	-	nd	-
St. Johns R. FL	SJR	6	9	.9	141	1.3	141	3.7	84
Matanzas R. FL	MRCB	-	-	-	-	-	-	-	-
Everglades FL	EVFU	.4	71	nd	-	0	141	nd	-
Naples Bay FL	NBNB	2.8	5	1.8	42	.1	141	nd	-
Charlotte Hrb. FL	CBBI	.7	115	.3	156	0	200	nd	-
Charlotte Hrb. FL	LOT	nd	-	nd	-	nd	-	nd	-
Tampa Bay FL	TAM	nd	-	nd	-	nd	-	nd	-
Tampa Bay FL	TBMK	.9	84	.6	108	.1	82	0	200
Tampa Bay FL	TBCB	.2	61	1	146	0	245	0	245
Tampa Bay FL	TBHB	6.7	56	7	130	1.5	101	.4	154
Tampa Bay FL	TBPB	.3	69	.2	132	nd	-	nd	-
Cedar Key FL	CKBP	nd	-	nd	-	nd	-	nd	-
Apalachicola Bay FL	APCP	1.2	116	1.4	94	.3	88	nd	-
Choctawhat. Bay FL	CBSP	8.4	103	3.2	93	.4	20	0	141
Mobile Bay AL	MBCP	5.8	139	13	141	.2	141	0	141
Miss. Snd. MS	MSBB	1.1	71	.9	24	.2	125	0	173
Barataria Bay LA	BAR	nd	-	nd	-	nd	-	nd	-
J. Hrb. Bayou LA	JHJH	.7	-	1.2	-	nd	-	nd	-

Table C.3.2: (Continued)

SITE	CODE	HexaCB mean	HexaCB c.v.%	HeptaCB mean	HeptaCB c.v.%	OctaCB mean	OctaCB c.v.%	NonaCB mean	NonaCB c.v.%
Galveston Bay TX	GAL	nd	-	nd	-	nd	-	nd	-
Matagorda Bay TX	MBEM	2.2	-	nd	-	.2	-	nd	-
Espiritu Santo TX	ESBD	.5	85	.2	47	.4	110	1.2	141
Corpus Christi TX	CCIC	.1	0	.2	141	0	141	0	141
Corpus Christi Bay TX	CCB	nd	-	nd	-	nd	-	nd	-
Imperial Beach CA	IBIB	-	-	-	-	-	-	-	-
San Diego Bay CA	SDF	2.3	85	.5	200	.5	200	.1	200
Mission Bay CA	MBVB	-	-	-	-	-	-	-	-
San Pedro Cyn. CA	SPC	18	-	6	-	2	-	1	-
S. Catalina Is. CA	SCBR	-	-	-	-	-	-	-	-
Santa Monica Bay CA	SMB	4.2	16	2	51	.3	101	.2	171
Pt. Conception CA	PCPC	-	-	-	-	-	-	-	-
San Luis Ob. Bay CA	SLSL	-	-	-	-	-	-	-	-
Pacific Grove CA	PGLP	-	-	-	-	-	-	-	-
Monterey Bay CA	MBSC	-	-	-	-	-	-	-	-
Monterey Bay CA	MON	1.3	115	1.2	58	.2	173	.3	173
Southamp. Shl. CA	SHS	2.9	61	1.7	88	.5	76	.2	156
Bodega Bay CA	BBBE	-	-	-	-	-	-	-	-
Bodega Bay CA	BOD	1	62	.1	155	nd	-	.1	245
Humboldt Bay CA	HMBJ	-	-	-	-	-	-	-	-
Humboldt Bay CA	HMB	-	-	-	-	-	-	-	-
Pt. St. George OR	SGSG	-	-	-	-	-	-	-	-
Coos Bay OR	COO	nd	-	nd	-	nd	-	nd	-
Coos Bay OR	CBCH	.7	139	1.1	120	nd	-	nd	-
Coos Bay OR	CBRP	.3	-	.2	-	.1	-	nd	-
Tillamook Bay OR	TBHP	.2	-	.1	-	.1	-	.1	-
Columbia R. OR	CRYB	.3	141	.2	141	nd	-	nd	-
Columbia R. OR	COL	2.7	78	.7	173	nd	-	nd	-
Gray's Hrb. WA	GHWJ	-	-	-	-	-	-	-	-
Nisqually Rch. WA	NIS	.7	36	.1	245	nd	-	0	245
Elliott Bay WA	EBFR	-	-	-	-	-	-	-	-

Table C.3.3: Average concentrations, ng/g dry-wt, and coefficients of variation, per cent, for total polychlorinated byphenyls [**tPCB**] in coarse grain sediments at NS&T sites.

		tPCB	
SITE	CODE	mean	c.v.%
Penobscot Bay ME	PBPI	-	-
Merrimac R. MA	MER	29	103
Boston Hrb. MA	BHDI	12	-
Boston Hrb. MA	BHDB	210	-
Boston Hrb. MA	BHHB	41	24
Buzzards Bay MA	BBAR	240	-
Buzzards Bay MA	BBGN	47	-
Narr. Bay RI	NBDI	36	-
E. Long Is. Snd. CT	ELI	8.9	92
Long Is. Snd. CT	LICR	36	-
Long Is. Snd. CT	LINH	1.1	116
Long Is. Snd. CT	LIHR	190	111
Long Is. Snd. CT	LISI	4.2	-
Long Is. Snd. NY	LIPJ	13	89
Moriches Bay NY	MBTH	8.2	-
Hud./Rar. Est NY	HRJB	27	-
Hud./Rar. Est. NY	HRUB	210	6
Hud./Rar. Est. NY	HRLB	190	-
N.Y. Bight NJ	NYLB	-	-
N.Y. Bight NJ	NYSR	-	-
Delaware Bay DE	DEL	37	156
Delaware Bay DE	DBFE	-	-
Delaware Bay DE	DBBD	-	-
Ches. Bay MD	CBHG	nd	-
Mid. Ches. Bay VA	MCB	5	-
Ches. Bay VA	CBIB	.8	-
Ches. Bay VA	CBCC	nd	-
Ches. Bay VA	CBDP	1.3	5
Chincoteague Bay VA	CBCI	-	-
Roanoke Snd. VA	RSJC	-	-
Pamlico Snd. NC	PSWB	-	-
Pamlico Snd. NC	PAM	nd	-
Cape Fear NC	CFBI	nd	-
Charleston Hrb. SC	CHFJ	-	-
Charleston Hrb. SC	CHSF	nd	-
Savannah R. Est. GA	SRTI	.3	200
Sapelo Snd. GA	SSSI	-	-
St. Johns R. FL	SJCB	2.3	-
St. Johns R. FL	SJR	50	25
Matanzas R. FL	MRCB	-	-
Everglades FL	EVFU	2	69
Naples Bay FL	NBNB	13	34
Charlotte Hrb. FL	CBBI	2.6	132
Charlotte Hrb. FL	LOT	7.8	108
Tampa Bay FL	TAM	.7	154
Tampa Bay FL	TBMK	6.4	68
Tampa Bay FL	TBCB	1.9	68
Tampa Bay FL	TBHB	27	57
Tampa Bay FL	TBPB	.7	25
Cedar Key FL	CKBP	.5	-
Apalachicola Bay FL	APCP	4.8	82
Choctawhat. Bay FL	CBSP	18	91
Mobile Bay AL	MBCP	47	139
Miss. Snd. MS	MSBB	6.8	21
Barataria Bay LA	BAR	2.1	-
J. Hrb. Bayou LA	JHJH	6.9	-

Table C.3.3: (Continued)

SITE	CODE	tPCB mean	tPCB c.v.%
Galveston Bay TX	GAL	nd	-
Matagorda Bay TX	MBEM	4	-
Espiritu Santo TX	ESBD	2.9	98
Corpus Christi TX	CCIC	1.2	40
Corpus Christi Bay TX	CCB	nd	-
Imperial Beach CA	IBIB	-	-
San Diego Bay CA	SDF	13	102
Mission Bay CA	MBVB	-	-
San Pedro Cyn. CA	SPC	100	-
S. Catalina Is. CA	SCBR	-	-
Santa Monica Bay CA	SMB	14	21
Pt. Conception CA	PCPC	-	-
San Luis Ob. Bay CA	SLSL	-	-
Pacific Grove CA	PGLP	-	-
Monterey Bay CA	MBSC	-	-
Monterey Bay CA	MON	7	26
Southamp. Shl. CA	SHS	12	43
Bodega Bay CA	BBBE	-	-
Bodega Bay CA	BOD	5	43
Humboldt Bay CA	HMBJ	-	-
Humboldt Bay CA	HMB	-	-
Pt. St. George OR	SGSG	-	-
Coos Bay OR	COO	1.6	26
Coos Bay OR	CBCH	4.8	4
Coos Bay OR	CBRP	2.5	-
Tillamook Bay OR	TBHP	3.4	-
Columbia R. OR	CRYB	2.1	114
Columbia R. OR	COL	8.2	88
Gray's Hrb. WA	GHWJ	-	-
Nisqually Rch. WA	NIS	4.4	47
Elliott Bay WA	EBFR	-	-

Table C.4.1: Average concentrations, ng/g dry-wt, and coefficients of variation, per cent, for **Biphenyl**, Naphthalene **[Naph]**, 1-Methylnaphthalene **[1MNaph]** and 2-Methylnaphthalene **[2MNaph]** in coarse grain sediments at NS&T sites.

		Biphenyl		**Naph**		**1MNaph**		**2MNaph**	
SITE	CODE	mean	c.v.%	mean	c.v.%	mean	c.v.%	mean	c.v.%
Penobscot Bay ME	PBPI	-	-	-	-	-	-	-	-
Merrimac R. MA	MER	1.4	224	nd	-	nd	-	nd	-
Boston Hrb. MA	BHDI	nd	-	nd	-	nd	-	nd	-
Boston Hrb. MA	BHDB	nd	-	58	-	nd	-	nd	-
Boston Hrb. MA	BHHB	nd	-	nd	-	nd	-	nd	-
Buzzards Bay MA	BBAR	nd	-	29	-	nd	-	nd	-
Buzzards Bay MA	BBGN	nd	-	nd	-	nd	-	nd	-
Narr. Bay RI	NBDI	nd	-	nd	-	nd	-	nd	-
E. Long Is. Snd. CT	ELI	.2	245	1.2	245	nd	-	7.4	110
Long Is. Snd. CT	LICR	nd	-	nd	-	nd	-	nd	-
Long Is. Snd. CT	LINH	nd	-	nd	-	nd	-	nd	-
Long Is. Snd. CT	LIHR	7.3	130	54	124	27	173	56	146
Long Is. Snd. CT	LISI	nd	-	nd	-	nd	-	nd	-
Long Is. Snd. NY	LIPJ	nd	-	nd	-	nd	-	3.1	173
Moriches Bay NY	MBTH	nd	-	nd	-	nd	-	nd	-
Hud./Rar. Est NY	HRJB	nd	-	nd	-	nd	-	nd	-
Hud./Rar. Est. NY	HRUB	110	33	630	43	250	35	390	34
Hud./Rar. Est. NY	HRLB	47	-	230	-	55	-	130	-
N.Y. Bight NJ	NYLB	-	-	-	-	-	-	-	-
N.Y. Bight NJ	NYSR	-	-	-	-	-	-	-	-
Delaware Bay DE	DEL	nd	-	nd	-	nd	-	nd	-
Delaware Bay DE	DBFE	-	-	-	-	-	-	-	-
Delaware Bay DE	DBBD	-	-	-	-	-	-	-	-
Ches. Bay MD	CBHG	nd	-	nd	-	nd	-	nd	-
Mid. Ches. Bay VA	MCB	nd	-	nd	-	nd	-	nd	-
Ches. Bay VA	CBIB	nd	-	nd	-	nd	-	nd	-
Ches. Bay VA	CBCC	nd	-	nd	-	nd	-	nd	-
Ches. Bay VA	CBDP	nd	-	nd	-	nd	-	nd	-
Chincoteague Bay VA	CBCI	nd	-	nd	-	nd	-	nd	-
Roanoke Snd. VA	RSJC	nd	-	nd	-	nd	-	nd	-
Pamlico Snd. NC	PSWB	nd	-	nd	-	nd	-	nd	-
Pamlico Snd. NC	PAM	nd	-	nd	-	nd	-	nd	-
Cape Fear NC	CFBI	nd	-	nd	-	nd	-	nd	-
Charleston Hrb. SC	CHFJ	-	-	-	-	-	-	-	-
Charleston Hrb. SC	CHSF	nd	-	nd	-	nd	-	nd	-
Savannah R. Est. GA	SRTI	nd	-	.1	200	nd	-	nd	-
Sapelo Snd. GA	SSSI	nd	-	1.6	173	nd	-	nd	-
St. Johns R. FL	SJCB	nd	-	.6	-	nd	-	nd	-
St. Johns R. FL	SJR	nd	-	7.5	44	nd	-	4.3	141
Matanzas R. FL	MRCB	nd	-	nd	-	nd	-	nd	-
Everglades FL	EVFU	nd	-	nd	-	nd	-	nd	-
Naples Bay FL	NBNB	nd	-	nd	-	nd	-	nd	-
Charlotte Hrb. FL	CBBI	nd	-	nd	-	nd	-	nd	-
Charlotte Hrb. FL	LOT	nd	-	nd	-	nd	-	nd	-
Tampa Bay FL	TAM	3.6	138	4.6	139	3.5	184	nd	-
Tampa Bay FL	TBMK	nd	-	nd	-	nd	-	nd	-
Tampa Bay FL	TBCB	nd	-	nd	-	nd	-	nd	-
Tampa Bay FL	TBHB	nd	-	4.4	100	2.6	143	4.2	96
Tampa Bay FL	TBPB	nd	-	nd	-	nd	-	nd	-
Cedar Key FL	CKBP	nd	-	nd	-	nd	-	nd	-
Apalachicola Bay FL	APCP	nd	-	nd	-	nd	-	nd	-
Choctawhat. Bay FL	CBSP	nd	-	nd	-	3	141	3	141
Mobile Bay AL	MBCP	nd	-	nd	-	nd	-	3	141
Miss. Snd. MS	MSBB	nd	-	5.3	103	1.7	173	2.3	173
Barataria Bay LA	BAR	nd	-	nd	-	nd	-	nd	-
J. Hrb. Bayou LA	JHJH	nd	-	nd	-	nd	-	nd	-

Table C.4.1: (Continued)

SITE	CODE	Biphenyl mean	Biphenyl c.v.%	Naph mean	Naph c.v.%	1MNaph mean	1MNaph c.v.%	2MNaph mean	2MNaph c.v.%
Galveston Bay TX	GAL	nd	-	nd	-	nd	-	nd	-
Matagorda Bay TX	MBEM	nd	-	nd	-	nd	-	nd	-
Espiritu Santo TX	ESBD	nd	-	nd	-	nd	-	nd	-
Corpus Christi TX	CCIC	nd	-	nd	-	nd	-	nd	-
Corpus Christi Bay TX	CCB	nd	-	nd	-	nd	-	nd	-
Imperial Beach CA	IBIB	nd	-	.2	173	nd	-	nd	-
San Diego Bay CA	SDF	1.8	200	16	200	13	200	3.2	200
Mission Bay CA	MBVB	nd	-	nd	-	nd	-	nd	-
San Pedro Cyn. CA	SPC	nd	-	nd	-	nd	-	nd	-
S. Catalina Is. CA	SCBR	-	-	-	-	-	-	-	-
Santa Monica Bay CA	SMB	nd	-	.9	177	nd	-	nd	-
Pt. Conception CA	PCPC	nd	-	nd	-	nd	-	nd	-
San Luis Ob. Bay CA	SLSL	nd	-	2	3	1.5	36	1.6	40
Pacific Grove CA	PGLP	nd	-	.3	173	nd	-	nd	-
Monterey Bay CA	MBSC	nd	-	1.2	12	.9	12	.4	141
Monterey Bay CA	MON	nd	-	nd	-	nd	-	nd	-
Southamp. Shl. CA	SHS	nd	-	6.4	134	.8	245	2.2	155
Bodega Bay CA	BBBE	nd	-	3.2	-	nd	-	3.7	-
Bodega Bay CA	BOD	nd	-	4.8	117	4.7	113	12	70
Humboldt Bay CA	HMBJ	3.8	14	5.9	15	8.6	14	10	9
Humboldt Bay CA	HMB	-	-	-	-	-	-	-	-
Pt. St. George OR	SGSG	-	-	-	-	-	-	-	-
Coos Bay OR	COO	nd	-	nd	-	nd	-	nd	-
Coos Bay OR	CBCH	nd	-	nd	-	nd	-	nd	-
Coos Bay OR	CBRP	nd	-	nd	-	nd	-	nd	-
Tillamook Bay OR	TBHP	nd	-	nd	-	nd	-	nd	-
Columbia R. OR	CRYB	nd	-	nd	-	nd	-	nd	-
Columbia R. OR	COL	nd	-	6.7	98	nd	-	2.7	173
Gray's Hrb. WA	GHWJ	.2	173	4	8	1.1	87	1.4	88
Nisqually Rch. WA	NIS	nd	-	6.3	114	nd	-	nd	-
Elliott Bay WA	EBFR	4.5	97	51	100	14	96	11	72

Table C.4.2: Average concentrations, ng/g dry-wt, and coefficients of variation, per cent, for 2,6-Dimethylnaphthalene **[2,6DMNaph]**, Acenaphthene **[AceNaph]**, **Fluorene** and Phenanthrene **[Phenan]** in coarse grain sediments at NS&T sites.

		2,6DMNaph		**AceNaph**		**Fluorene**		**Phenan**	
SITE	CODE	mean	c.v.%	mean	c.v.%	mean	c.v.%	mean	c.v.%
Penobscot Bay ME	PBPI	-	-	-	-	-	-	-	-
Merrimac R. MA	MER	nd	-	nd	-	1.1	224	24	156
Boston Hrb. MA	BHDI	nd	-	nd	-	nd	-	nd	-
Boston Hrb. MA	BHDB	nd	-	nd	-	37	-	370	-
Boston Hrb. MA	BHHB	nd	-	nd	-	nd	-	18	173
Buzzards Bay MA	BBAR	nd	-	nd	-	nd	-	nd	-
Buzzards Bay MA	BBGN	nd	-	nd	-	nd	-	74	-
Narr. Bay RI	NBDI	nd	-	nd	-	nd	-	40	-
E. Long Is. Snd. CT	ELI	.6	245	nd	-	nd	-	8.3	102
Long Is. Snd. CT	LICR	nd	-	nd	-	nd	-	390	-
Long Is. Snd. CT	LINH	nd	-	nd	-	nd	-	7	173
Long Is. Snd. CT	LIHR	14	173	39	86	27	108	600	55
Long Is. Snd. CT	LISI	nd	-	nd	-	nd	-	nd	-
Long Is. Snd. NY	LIPJ	nd	-	nd	-	3.1	173	49	89
Moriches Bay NY	MBTH	nd	-	nd	-	nd	-	nd	-
Hud./Rar. Est NY	HRJB	nd	-	nd	-	nd	-	57	-
Hud./Rar. Est. NY	HRUB	340	33	250	38	450	48	3600	49
Hud./Rar. Est. NY	HRLB	57	-	73	-	130	-	1100	-
N.Y. Bight NJ	NYLB	-	-	-	-	-	-	-	-
N.Y. Bight NJ	NYSR	-	-	-	-	-	-	-	-
Delaware Bay DE	DEL	nd	-	nd	-	nd	-	1.7	173
Delaware Bay DE	DBFE	-	-	-	-	-	-	-	-
Delaware Bay DE	DBBD	-	-	-	-	-	-	-	-
Ches. Bay MD	CBHG	nd	-	nd	-	nd	-	4.3	173
Mid. Ches. Bay VA	MCB	nd	-	nd	-	nd	-	3	-
Ches. Bay VA	CBIB	nd	-	nd	-	nd	-	nd	-
Ches. Bay VA	CBCC	nd	-	nd	-	nd	-	nd	-
Ches. Bay VA	CBDP	nd	-	nd	-	nd	-	nd	-
Chincoteague Bay VA	CBCI	nd	-	nd	-	nd	-	nd	-
Roanoke Snd. VA	RSJC	nd	-	nd	-	nd	-	4.6	88
Pamlico Snd. NC	PSWB	nd	-	nd	-	nd	-	nd	-
Pamlico Snd. NC	PAM	nd	-	nd	-	nd	-	nd	-
Cape Fear NC	CFBI	nd	-	nd	-	nd	-	nd	-
Charleston Hrb. SC	CHFJ	-	-	-	-	-	-	-	-
Charleston Hrb. SC	CHSF	nd	-	nd	-	nd	-	nd	-
Savannah R. Est. GA	SRTI	nd	-	nd	-	nd	-	.1	200
Sapelo Snd. GA	SSSI	nd	-	nd	-	nd	-	4.5	88
St. Johns R. FL	SJCB	nd	-	nd	-	nd	-	1.7	-
St. Johns R. FL	SJR	nd	-	nd	-	nd	-	15	8
Matanzas R. FL	MRCB	nd	-	nd	-	nd	-	6.5	100
Everglades FL	EVFU	nd	-	nd	-	nd	-	nd	-
Naples Bay FL	NBNB	nd	-	nd	-	nd	-	5	141
Charlotte Hrb. FL	CBBI	nd	-	nd	-	nd	-	nd	-
Charlotte Hrb. FL	LOT	3	96	nd	-	nd	-	7.2	102
Tampa Bay FL	TAM	1.7	142	nd	-	nd	-	14	142
Tampa Bay FL	TBMK	1.5	200	nd	-	nd	-	6.8	116
Tampa Bay FL	TBCB	nd	-	nd	-	nd	-	1.3	245
Tampa Bay FL	TBHB	1	224	6.6	113	7.2	109	78	96
Tampa Bay FL	TBPB	nd	-	nd	-	nd	-	2	173
Cedar Key FL	CKBP	nd	-	nd	-	nd	-	nd	-
Apalachicola Bay FL	APCP	nd	-	nd	-	nd	-	nd	-
Choctawhat. Bay FL	CBSP	nd	-	7	141	6.5	141	51	94
Mobile Bay AL	MBCP	nd	-	nd	-	nd	-	6	141
Miss. Snd. MS	MSBB	3.7	88	1.7	173	2.3	173	50	45
Barataria Bay LA	BAR	5.8	-	nd	-	nd	-	nd	-
J. Hrb. Bayou LA	JHJH	nd	-	nd	-	nd	-	nd	-

Table C.4.2: (Continued)

SITE	CODE	2,6DMNaph mean	2,6DMNaph c.v.%	AceNaph mean	AceNaph c.v.%	Fluorene mean	Fluorene c.v.%	Phenan mean	Phenan c.v.%
Galveston Bay TX	GAL	nd	-	nd	-	nd	-	nd	-
Matagorda Bay TX	MBEM	nd	-	nd	-	nd	-	nd	-
Espiritu Santo TX	ESBD	nd	-	nd	-	nd	-	nd	-
Corpus Christi TX	CCIC	nd	-	nd	-	nd	-	nd	-
Corpus Christi Bay TX	CCB	nd	-	nd	-	nd	-	nd	-
Imperial Beach CA	IBIB	nd	-	nd	-	nd	-	nd	-
San Diego Bay CA	SDF	2.5	200	nd	-	1	200	2	200
Mission Bay CA	MBVB	nd	-	nd	-	nd	-	4.8	68
San Pedro Cyn. CA	SPC	nd	-	21	-	nd	-	nd	-
S. Catalina Is. CA	SCBR	-	-	-	-	-	-	-	-
Santa Monica Bay CA	SMB	nd	-	2.1	245	2.2	245	7.6	245
Pt. Conception CA	PCPC	nd	-	nd	-	nd	-	.5	173
San Luis Ob. Bay CA	SLSL	.5	173	nd	-	.4	173	6.8	28
Pacific Grove CA	PGLP	nd	-	nd	-	nd	-	2.6	46
Monterey Bay CA	MBSC	.4	141	nd	-	nd	-	3.2	2
Monterey Bay CA	MON	nd	-	nd	-	nd	-	3.3	173
Southamp. Shl. CA	SHS	nd	-	3.2	163	13	149	140	164
Bodega Bay CA	BBBE	nd	-	nd	-	nd	-	7.9	-
Bodega Bay CA	BOD	3	155	nd	-	nd	-	9	128
Humboldt Bay CA	HMBJ	9.4	36	nd	-	2.9	18	19	8
Humboldt Bay CA	HMB	-	-	-	-	-	-	-	-
Pt. St. George OR	SGSG	-	-	-	-	-	-	-	-
Coos Bay OR	COO	nd	-	nd	-	nd	-	nd	-
Coos Bay OR	CBCH	nd	-	nd	-	nd	-	nd	-
Coos Bay OR	CBRP	nd	-	nd	-	nd	-	14	-
Tillamook Bay OR	TBHP	nd	-	nd	-	nd	-	nd	-
Columbia R. OR	CRYB	nd	-	nd	-	nd	-	nd	-
Columbia R. OR	COL	3	173	nd	-	nd	-	7.7	121
Gray's Hrb. WA	GHWJ	2.4	37	nd	-	1	14	9.3	25
Nisqually Rch. WA	NIS	nd	-	nd	-	nd	-	nd	-
Elliott Bay WA	EBFR	9.5	78	26	140	26	120	140	97

Table C.4.3: Average concentrations, ng/g dry-wt, and coefficients of variation, per cent, for 1-Methylphenanthrene **[1MPhenan]**, Anthracene **[Anthra]**, Fluoranthene[**Fluoran**] and **Pyrene** in coarse grain sediments at NS&T sites.

		1MPhenan		**Anthra**		**Fluoran**		**Pyrene**	
SITE	CODE	mean	c.v.%	mean	c.v.%	mean	c.v.%	mean	c.v.%
Penobscot Bay ME	PBPI	-	-	-	-	-	-	-	-
Merrimac R. MA	MER	370	187	52	148	35	189	61	183
Boston Hrb. MA	BHDI	nd	-	nd	-	nd	-	nd	-
Boston Hrb. MA	BHDB	53	-	120	-	650	-	680	-
Boston Hrb. MA	BHHB	nd	-	nd	-	68	53	33	173
Buzzards Bay MA	BBAR	nd	-	nd	-	59	-	nd	-
Buzzards Bay MA	BBGN	nd	-	nd	-	70	-	100	-
Narr. Bay RI	NBDI	nd	-	nd	-	83	-	nd	-
E. Long Is. Snd. CT	ELI	2	113	3.3	118	9	144	18	81
Long Is. Snd. CT	LICR	nd	-	120	-	1200	-	1200	-
Long Is. Snd. CT	LINH	8.6	89	nd	-	13	173	15	100
Long Is. Snd. CT	LIHR	12	173	140	57	1200	65	1500	68
Long Is. Snd. CT	LISI	nd	-	nd	-	110	-	110	-
Long Is. Snd. NY	LIPJ	26	135	12	103	73	62	63	53
Moriches Bay NY	MBTH	nd	-	nd	-	nd	-	nd	-
Hud./Rar. Est NY	HRJB	nd	-	nd	-	66	-	nd	-
Hud./Rar. Est. NY	HRUB	690	38	2400	39	5200	65	7700	45
Hud./Rar. Est. NY	HRLB	210	-	670	-	2700	-	2900	-
N.Y. Bight NJ	NYLB	-	-	-	-	-	-	-	-
N.Y. Bight NJ	NYSR	-	-	-	-	-	-	-	-
Delaware Bay DE	DEL	240	105	36	137	4	173	25	95
Delaware Bay DE	DBFE	-	-	-	-	-	-	-	-
Delaware Bay DE	DBBD	-	-	-	-	-	-	-	-
Ches. Bay MD	CBHG	nd	-	nd	-	7.3	173	11	87
Mid. Ches. Bay VA	MCB	nd	-	nd	-	4	-	27	-
Ches. Bay VA	CBIB	nd	-	nd	-	56	-	nd	-
Ches. Bay VA	CBCC	nd	-	nd	-	nd	-	nd	-
Ches. Bay VA	CBDP	nd	-	nd	-	18	141	nd	-
Chincoteague Bay VA	CBCI	nd	-	nd	-	10	173	7.3	173
Roanoke Snd. VA	RSJC	nd	-	nd	-	12	21	10	24
Pamlico Snd. NC	PSWB	nd	-	nd	-	nd	-	nd	-
Pamlico Snd. NC	PAM	nd	-	nd	-	nd	-	nd	-
Cape Fear NC	CFBI	nd	-	nd	-	nd	-	35	-
Charleston Hrb. SC	CHFJ	-	-	-	-	-	-	-	-
Charleston Hrb. SC	CHSF	nd	-	nd	-	48	-	nd	-
Savannah R. Est. GA	SRTI	nd	-	nd	-	.7	200	.8	200
Sapelo Snd. GA	SSSI	nd	-	nd	-	6.4	89	5.2	88
St. Johns R. FL	SJCB	nd	-	1	-	8.9	-	10	-
St. Johns R. FL	SJR	nd	-	4	141	67	49	75	33
Matanzas R. FL	MRCB	nd	-	7	87	40	150	28	145
Everglades FL	EVFU	nd	-	nd	-	nd	-	nd	-
Naples Bay FL	NBNB	7	141	2.5	141	31	141	28	141
Charlotte Hrb. FL	CBBI	nd	-	nd	-	nd	-	nd	-
Charlotte Hrb. FL	LOT	nd	-	nd	-	nd	-	nd	-
Tampa Bay FL	TAM	nd	-	nd	-	1.5	224	4	69
Tampa Bay FL	TBMK	nd	-	nd	-	20	91	16	92
Tampa Bay FL	TBCB	nd	-	nd	-	2.3	155	3.5	120
Tampa Bay FL	TBHB	7.6	171	11	63	200	95	160	87
Tampa Bay FL	TBPB	nd	-	4	173	6.3	103	5.7	106
Cedar Key FL	CKBP	nd	-	nd	-	nd	-	nd	-
Apalachicola Bay FL	APCP	nd	-	3.7	88	15	52	12	50
Choctawhat. Bay FL	CBSP	8	141	18	55	93	82	95	70
Mobile Bay AL	MBCP	nd	-	nd	-	8.5	141	8.5	141
Miss. Snd. MS	MSBB	4	87	10	92	95	48	84	50
Barataria Bay LA	BAR	nd	-	nd	-	21	-	nd	-
J. Hrb. Bayou LA	JHJH	nd	-	nd	-	nd	-	nd	-

Table C.4.3: (Continued)

SITE	CODE	1MPhenan mean	1MPhenan c.v.%	Anthra mean	Anthra c.v.%	Fluoran mean	Fluoran c.v.%	Pyrene mean	Pyrene c.v.%
Galveston Bay TX	GAL	nd	-	nd	-	nd	-	nd	-
Matagorda Bay TX	MBEM	nd	-	nd	-	nd	-	5	-
Espiritu Santo TX	ESBD	nd	-	nd	-	nd	-	nd	-
Corpus Christi TX	CCIC	nd	-	nd	-	nd	-	nd	-
Corpus Christi Bay TX	CCB	nd	-	nd	-	nd	-	nd	-
Imperial Beach CA	IBIB	nd	-	nd	-	.8	173	.9	173
San Diego Bay CA	SDF	nd	-	2.8	200	7	200	18	200
Mission Bay CA	MBVB	.8	173	2.2	113	24	90	23	95
San Pedro Cyn. CA	SPC	nd	-	nd	-	28	-	21	-
S. Catalina Is. CA	SCBR	-	-	-	-	-	-	-	-
Santa Monica Bay CA	SMB	nd	-	nd	-	8.1	196	6.4	159
Pt. Conception CA	PCPC	nd	-	nd	-	2	95	1.7	91
San Luis Ob. Bay CA	SLSL	2.5	43	1	94	13	44	10	46
Pacific Grove CA	PGLP	nd	-	nd	-	7.9	60	8.1	53
Monterey Bay CA	MBSC	1	141	nd	-	3.2	20	2.5	17
Monterey Bay CA	MON	5.3	128	1	173	5.3	173	7.3	119
Southamp. Shl. CA	SHS	4.7	160	38	186	150	157	190	157
Bodega Bay CA	BBBE	4.3	-	nd	-	nd	-	nd	-
Bodega Bay CA	BOD	1.7	245	nd	-	2.3	245	2	245
Humboldt Bay CA	HMBJ	6.4	10	.8	24	2.8	16	4.9	8
Humboldt Bay CA	HMB	-	-	-	-	-	-	-	-
Pt. St. George OR	SGSG	-	-	-	-	-	-	-	-
Coos Bay OR	COO	nd	-	nd	-	nd	-	nd	-
Coos Bay OR	CBCH	nd	-	nd	-	nd	-	nd	-
Coos Bay OR	CBRP	nd	-	nd	-	30	-	26	-
Tillamook Bay OR	TBHP	nd	-	nd	-	6	-	7	-
Columbia R. OR	CRYB	27	42	nd	-	6.5	141	nd	-
Columbia R. OR	COL	2	173	nd	-	4.3	173	8.7	93
Gray's Hrb. WA	GHWJ	1.4	87	1.3	27	16	22	14	25
Nisqually Rch. WA	NIS	nd	-	nd	-	nd	-	nd	-
Elliott Bay WA	EBFR	28	80	47	99	260	99	250	91

Table C.4.4: Average concentrations, ng/g dry-wt, and coefficients of variation, per cent, for Benz(a)anthracene **[BAnthra]**, **Chrysene**, Benzo(a)pyrene **[B(a)Pyr]** and Benzo(e)pyrene **[B(e)Pyr]** in coarse grain sediments at NS&T sites.

		BAnthra		**Chrysene**		**B(a)Pyr**		**B(e)Pyr**	
SITE	CODE	mean	c.v.%	mean	c.v.%	mean	c.v.%	mean	c.v.%
Penobscot Bay ME	PBPI	-	-	-	-	-	-	-	-
Merrimac R. MA	MER	160	187	5.6	112	18	179	13	202
Boston Hrb. MA	BHDI	nd	-	nd	-	nd	-	nd	-
Boston Hrb. MA	BHDB	600	-	610	-	570	-	390	-
Boston Hrb. MA	BHHB	26	88	30	87	28	87	28	43
Buzzards Bay MA	BBAR	62	-	76	-	76	-	55	-
Buzzards Bay MA	BBGN	34	-	39	-	30	-	17	-
Narr. Bay RI	NBDI	nd	-	37	-	46	-	38	-
E. Long Is. Snd. CT	ELI	7.7	136	6.3	194	6.8	166	5.4	191
Long Is. Snd. CT	LICR	840	-	900	-	700	-	550	-
Long Is. Snd. CT	LINH	6.1	173	4.9	173	10	102	8.8	101
Long Is. Snd. CT	LIHR	440	72	560	70	450	66	330	62
Long Is. Snd. CT	LISI	44	-	73	-	60	-	63	-
Long Is. Snd. NY	LIPJ	34	54	39	90	39	37	34	33
Moriches Bay NY	MBTH	nd	-	nd	-	nd	-	nd	-
Hud./Rar. Est NY	HRJB	25	-	29	-	25	-	20	-
Hud./Rar. Est. NY	HRUB	3900	34	3100	33	3300	30	2000	29
Hud./Rar. Est. NY	HRLB	1400	-	1200	-	1400	-	860	-
N.Y. Bight NJ	NYLB	-	-	-	-	-	-	-	-
N.Y. Bight NJ	NYSR	-	-	-	-	-	-	-	-
Delaware Bay DE	DEL	3.7	173	9	173	5.2	157	5.5	158
Delaware Bay DE	DBFE	-	-	-	-	-	-	-	-
Delaware Bay DE	DBBD	-	-	-	-	-	-	-	-
Ches. Bay MD	CBHG	2.4	173	nd	-	11	32	4.1	88
Mid. Ches. Bay VA	MCB	nd	-	nd	-	14	-	13	-
Ches. Bay VA	CBIB	29	-	34	-	39	-	27	-
Ches. Bay VA	CBCC	nd	-	nd	-	nd	-	nd	-
Ches. Bay VA	CBDP	nd	-	nd	-	16	141	12	141
Chincoteague Bay VA	CBCI	nd	-	nd	-	nd	-	2.1	173
Roanoke Snd. VA	RSJC	3.2	173	11	23	5.1	87	7.8	37
Pamlico Snd. NC	PSWB	nd	-	nd	-	nd	-	nd	-
Pamlico Snd. NC	PAM	nd	-	nd	-	nd	-	nd	-
Cape Fear NC	CFBI	nd	-	nd	-	nd	-	nd	-
Charleston Hrb. SC	CHFJ	-	-	-	-	-	-	-	-
Charleston Hrb. SC	CHSF	26	-	nd	-	nd	-	18	-
Savannah R. Est. GA	SRTI	.4	200	nd	-	nd	-	nd	-
Sapelo Snd. GA	SSSI	4.3	173	11	103	5.7	173	6	173
St. Johns R. FL	SJCB	2.2	-	3.4	-	nd	-	nd	-
St. Johns R. FL	SJR	21	36	37	15	35	42	33	55
Matanzas R. FL	MRCB	3.7	173	4.7	173	11	141	11	127
Everglades FL	EVFU	nd	-	nd	-	nd	-	nd	-
Naples Bay FL	NBNB	10	141	28	87	11	141	20	85
Charlotte Hrb. FL	CBBI	1.5	200	.6	200	.4	200	.5	200
Charlotte Hrb. FL	LOT	nd	-	1.8	173	5.9	99	1.1	173
Tampa Bay FL	TAM	1	224	3.1	224	12	137	8.1	56
Tampa Bay FL	TBMK	12	125	17	97	12	105	11	103
Tampa Bay FL	TBCB	nd	-	1.8	114	1.8	120	1	111
Tampa Bay FL	TBHB	69	57	110	66	66	56	70	55
Tampa Bay FL	TBPB	4	90	8	115	2.3	173	6	17
Cedar Key FL	CKBP	nd	-	nd	-	nd	-	nd	-
Apalachicola Bay FL	APCP	7.7	27	10	35	6.7	17	9.3	34
Choctawhat. Bay FL	CBSP	68	60	76	78	78	73	57	77
Mobile Bay AL	MBCP	nd	-	7.6	141	3.5	141	5	141
Miss. Snd. MS	MSBB	51	65	52	53	48	63	40	59
Barataria Bay LA	BAR	nd	-	nd	-	nd	-	nd	-
J. Hrb. Bayou LA	JHJH	nd	-	nd	-	nd	-	nd	-

Table C.4.4: (Continued)

SITE	CODE	BAnthra mean	BAnthra c.v.%	Chrysene mean	Chrysene c.v.%	B(a)Pyr mean	B(a)Pyr c.v.%	B(e)Pyr mean	B(e)Pyr c.v.%
Galveston Bay TX	GAL	nd	-	nd	-	nd	-	nd	-
Matagorda Bay TX	MBEM	nd	-	nd	-	nd	-	nd	-
Espiritu Santo TX	ESBD	nd	-	nd	-	nd	-	nd	-
Corpus Christi TX	CCIC	nd	-	6.5	33	nd	-	nd	-
Corpus Christi Bay TX	CCB	nd	-	nd	-	nd	-	nd	-
Imperial Beach CA	IBIB	.8	173	.8	173	.5	173	.7	173
San Diego Bay CA	SDF	4.8	200	9.5	200	7.2	200	7.2	200
Mission Bay CA	MBVB	24	129	24	121	9.3	103	8	101
San Pedro Cyn. CA	SPC	12	-	27	-	44	-	22	-
S. Catalina Is. CA	SCBR	-	-	-	-	-	-	-	-
Santa Monica Bay CA	SMB	.3	245	.5	245	nd	-	nd	-
Pt. Conception CA	PCPC	nd	-	.7	173	nd	-	nd	-
San Luis Ob. Bay CA	SLSL	4.8	31	4.6	18	.7	173	2.2	22
Pacific Grove CA	PGLP	2	87	2.2	87	1.2	87	1.2	87
Monterey Bay CA	MBSC	.5	141	2	18	nd	-	nd	-
Monterey Bay CA	MON	2.3	173	3	173	6	93	nd	-
Southamp. Shl. CA	SHS	45	124	60	123	69	121	42	118
Bodega Bay CA	BBBE	19	-	5.9	-	nd	-	nd	-
Bodega Bay CA	BOD	1.8	245	3.3	245	2	245	1.7	245
Humboldt Bay CA	HMBJ	.5	173	6	6	nd	-	2.8	20
Humboldt Bay CA	HMB	-	-	-	-	-	-	-	-
Pt. St. George OR	SGSG	-	-	-	-	-	-	-	-
Coos Bay OR	COO	nd	-	nd	-	nd	-	nd	-
Coos Bay OR	CBCH	nd	-	nd	-	nd	-	nd	-
Coos Bay OR	CBRP	nd	-	13	-	nd	-	nd	-
Tillamook Bay OR	TBHP	nd	-	nd	-	nd	-	nd	-
Columbia R. OR	CRYB	nd	-	nd	-	nd	-	-	-
Columbia R. OR	COL	3	173	3.7	173	2	173	2.7	173
Gray's Hrb. WA	GHWJ	4.5	20	6.4	23	2.8	39	3.3	33
Nisqually Rch. WA	NIS	nd	-	nd	-	nd	-	nd	-
Elliott Bay WA	EBFR	160	112	170	102	120	107	120	107

Table C.4.5: Average concentrations, ng/g dry-wt, and coefficients of variation, per cent, for **Perylene**, Dibenz(a,h)anthracene **[DBAnthra]** and total polyaromatic hydrocarbons **[tPAH]** in coarse grain sediments at NS&T sites.

		Perylene		**DBAnthra**		**tPAH**	
SITE	CODE	mean	c.v.%	mean	c.v.%	mean	c.v.%
Penobscot Bay ME	PBPI	-	-	-	-	-	-
Merrimac R. MA	MER	26	222	-	-	770	182
Boston Hrb. MA	BHDI	nd	-	nd	-	nd	-
Boston Hrb. MA	BHDB	130	-	180	-	4400	-
Boston Hrb. MA	BHHB	nd	-	nd	-	230	80
Buzzards Bay MA	BBAR	nd	-	nd	-	360	-
Buzzards Bay MA	BBGN	nd	-	nd	-	360	-
Narr. Bay RI	NBDI	nd	-	nd	-	240	-
E. Long Is. Snd. CT	ELI	41	239	-	-	120	136
Long Is. Snd. CT	LICR	240	-	nd	-	6100	-
Long Is. Snd. CT	LINH	.8	173	nd	-	74	122
Long Is. Snd. CT	LIHR	120	71	15	173	5600	57
Long Is. Snd. CT	LISI	nd	-	nd	-	460	-
Long Is. Snd. NY	LIPJ	13	33	3.2	173	390	58
Moriches Bay NY	MBTH	nd	-	nd	-	nd	-
Hud./Rar. Est NY	HRJB	nd	-	nd	-	220	-
Hud./Rar. Est. NY	HRUB	740	34	610	30	36000	41
Hud./Rar. Est. NY	HRLB	350	-	230	-	14000	-
N.Y. Bight NJ	NYLB	-	-	-	-	-	-
N.Y. Bight NJ	NYSR	-	-	-	-	-	-
Delaware Bay DE	DEL	7.1	173	-	-	340	83
Delaware Bay DE	DBFE	-	-	-	-	-	-
Delaware Bay DE	DBBD	-	-	-	-	-	-
Ches. Bay MD	CBHG	4.6	90	4	173	48	85
Mid. Ches. Bay VA	MCB	12	-	-	-	73	-
Ches. Bay VA	CBIB	nd	-	nd	-	180	-
Ches. Bay VA	CBCC	nd	-	nd	-	nd	-
Ches. Bay VA	CBDP	nd	-	nd	-	46	141
Chincoteague Bay VA	CBCI	3.1	173	nd	-	23	173
Roanoke Snd. VA	RSJC	17	96	nd	-	71	40
Pamlico Snd. NC	PSWB	nd	-	nd	-	nd	-
Pamlico Snd. NC	PAM	nd	-	-	-	nd	-
Cape Fear NC	CFBI	nd	-	nd	-	35	-
Charleston Hrb. SC	CHFJ	-	-	-	-	-	-
Charleston Hrb. SC	CHSF	nd	-	nd	-	92	-
Savannah R. Est. GA	SRTI	7.5	192	nd	-	9.5	143
Sapelo Snd. GA	SSSI	9	87	nd	-	53	103
St. Johns R. FL	SJCB	3.9	-	nd	-	32	-
St. Johns R. FL	SJR	39	55	-	-	340	38
Matanzas R. FL	MRCB	4.3	173	nd	-	120	94
Everglades FL	EVFU	nd	-	nd	-	nd	-
Naples Bay FL	NBNB	3	141	nd	-	150	105
Charlotte Hrb. FL	CBBI	.3	200	.1	200	3.3	117
Charlotte Hrb. FL	LOT	nd	-	-	-	19	55
Tampa Bay FL	TAM	3.5	138	-	-	60	84
Tampa Bay FL	TBMK	3.6	122	.5	200	100	101
Tampa Bay FL	TBCB	1	181	.2	145	13	111
Tampa Bay FL	TBHB	25	44	15	61	840	70
Tampa Bay FL	TBPB	nd	-	nd	-	38	89
Cedar Key FL	CKBP	nd	-	nd	-	nd	-
Apalachicola Bay FL	APCP	7.3	21	nd	-	71	18
Choctawhat. Bay FL	CBSP	30	81	18	69	610	78
Mobile Bay AL	MBCP	15	141	1	141	58	141
Miss. Snd. MS	MSBB	19	59	8	88	480	56
Barataria Bay LA	BAR	nd	-	-	-	27	-
J. Hrb. Bayou LA	JHJH	9	-	nd	-	9	-

Table C.4.5: (Continued)

SITE	CODE	Perylene mean	Perylene c.v.%	DBAnthra mean	DBAnthra c.v.%	tPAH mean	tPAH c.v.%
Galveston Bay TX	GAL	nd	-	-	-	nd	-
Matagorda Bay TX	MBEM	nd	-	nd	-	5	-
Espiritu Santo TX	ESBD	nd	-	nd	-	nd	-
Corpus Christi TX	CCIC	nd	-	nd	-	6.5	33
Corpus Christi Bay TX	CCB	nd	-	-	-	nd	-
Imperial Beach CA	IBIB	nd	-	nd	-	4.6	173
San Diego Bay CA	SDF	13	200	2.8	200	110	200
Mission Bay CA	MBVB	1.2	173	nd	-	120	106
San Pedro Cyn. CA	SPC	89	-	15	-	280	-
S. Catalina Is. CA	SCBR	-	-	-	-	-	-
Santa Monica Bay CA	SMB	nd	-	nd	-	28	193
Pt. Conception CA	PCPC	nd	-	nd	-	4.9	107
San Luis Ob. Bay CA	SLSL	.5	173	nd	-	52	35
Pacific Grove CA	PGLP	nd	-	nd	-	26	59
Monterey Bay CA	MBSC	-	-	nd	-	15	10
Monterey Bay CA	MON	nd	-	nd	-	34	84
Southamp. Shl. CA	SHS	24	77	1.4	245	790	143
Bodega Bay CA	BBBE	nd	-	nd	-	44	-
Bodega Bay CA	BOD	nd	-	3.2	245	51	125
Humboldt Bay CA	HMBJ	-	-	nd	-	84	13
Humboldt Bay CA	HMB	-	-	-	-	-	-
Pt. St. George OR	SGSG	-	-	-	-	-	-
Coos Bay OR	COO	nd	-	nd	-	nd	-
Coos Bay OR	CBCH	nd	-	nd	-	nd	-
Coos Bay OR	CBRP	-	-	nd	-	83	-
Tillamook Bay OR	TBHP	nd	-	nd	-	13	-
Columbia R. OR	CRYB	-	-	nd	-	34	61
Columbia R. OR	COL	16	91	nd	-	63	120
Gray's Hrb. WA	GHWJ	-	-	nd	-	69	17
Nisqually Rch. WA	NIS	nd	-	nd	-	6.3	114
Elliott Bay WA	EBFR	93	93	27	113	1500	101

APPENDIX D.

Numbers of Fine-Grained and Sandy Sediments per Site

APPENDIX D.

National Status and Trends Program

Numbers of Fine-Grained and Sandy Sediment Samples Collected per Site in 1984 through 1987

To conserve space the numbers of samples (n) have not been included in the prior appendices listing means and coefficients of variation. Those "n's" if listed would have been repeated for each analyte at each site. The "n's" are listed here for the fine-grained and sandy sediment samples. This information also exists in NOAA (1988) since the "n's" are common to the aggregate and the individual chemical data.

Table D.1.1: Numbers of fine-grained and sandy sediments per site.

SITE	CODE	No.fine-grained samples	No. sandy samples
Machias Bay ME	MAC	4	0
Frenchmans Bay ME	FRN	4	0
Penobscot Bay ME	PNB	3	0
Penobscot Bay ME	PBSI	6	0
Penobscot Bay ME	PBPI	5	1
Casco Bay ME	CSC	6	0
Merrimac R. MA	MER	0	5
Cape Ann MA	CASI	3	0
Salem Hrb. MA	SAL	6	0
Boston Hrb. MA	BHDI	5	1
Boston Hrb. MA	BHDB	5	1
Boston Hrb. MA	BHHB	3	3
Boston Hrb. MA	BOS	7	0
Buzzards Bay MA	BBRH	6	0
Buzzards Bay MA	BBAR	5	1
Buzzards Bay MA	BBGN	5	1
Buzzards Bay MA	BUZ	8	0
Narr. Bay RI	NBMH	3	0
Narr. Bay RI	NBCI	6	0
Narr. Bay RI	NBDI	5	1
Narr. Bay RI	NAR	7	0
Block Is. RI	BIBI	3	0
E. Long Is. Sound CT	ELI	0	6
Long Is. Snd. CT	LICR	5	1
Long Is. Snd. CT	LINH	0	3
Long Is. Snd. CT	LIHR	0	3
Long Is. Snd. CT	LISI	5	1
W.Long Is. Snd. NY	WLI	5	0
Long Is. Snd. NY	LIHU	6	0
Long Is. Snd. CT	LIPJ	0	3
Long Is. Snd. NY	LIMR	6	0
Long Is. Snd. NY	LIHH	6	0
Long Is. Snd. NY	LITN	6	0
Moriches BAy NY	MBTH	5	1
Hud./Rar. Est NY	HRJB	2	1
Hud./Rar. Est. NY	HRUB	3	3
Hud./Rar. Est. NY	HRLB	5	1
Hud./Rar. Est. NJ	HRRB	3	0
Raritan Bay NJ	RAR	8	0
N.Y. Bight NJ	NYSH	6	0
N.Y. Bight NJ	NYLB	0	3
N.Y. Bight NJ	NYSR	0	3
Great Bay NJ	GRB	3	0
Delaware Bay DE	DEL	3	3
Delaware Bay DE	DBFE	3	1
Delaware Bay DE	DBBD	3	1
Delaware Bay DE	DBAP	6	0
Delaware Bay DE	DBKI	6	0
Up. Ches. Bay MD	UCB	3	0
Ches. Bay MD	CBMP	6	0
Ches. Bay MD	CBHP	6	0
Ches. Bay MD	CBHG	0	3
Mid. Ches. Bay VA	MCB	1	1
Ches. Bay VA	CBIB	5	1
Ches. Bay VA	CBCC	2	4
Ches. Bay VA	CBDP	4	2

Table D.1.1: (Continued)

SITE	CODE	No.fine-grained samples	No. sandy samples
Low. Ches.Bay VA	LCB	5	0
Quinby Inlet VA	QIUB	6	0
Roanoke Snd. NC	RSJC	0	3
Pamlico Snd. NC	PSWB	0	3
Pamlico Snd. NC	PAM	5	1
Cape Fear NC	CFBI	5	1
Charleston Hrb. SC	CHFJ	3	2
Charleston Hrb. SC	CHSF	5	1
Charleston Hrb. SC	CHS	6	0
Savannah R. Est. GA	SRTI	2	4
Sapelo Snd. GA	SSSI	0	3
Sapelo Is. GA	SAP	6	0
St. Johns R. FL	SJCB	5	1
St. Johns R. FL	SJR	4	2
Matanzas R. FL	MRCB	0	3
Biscayne Bay FL	BBPC	6	0
Everglades FL	EVFU	4	2
Rookery Bay FL	RBHC	6	0
Naples Bay FL	NBNB	4	2
Charlotte Hrb. FL	CBBI	2	4
Charlotte Hrb. FL	LOT	3	3
Tampa Bay FL	TAM	1	5
Tampa Bay FL	TBMK	2	4
Tampa Bay FL	TBCB	0	6
Tampa Bay FL	TBHB	1	5
Tampa Bay FL	TBPB	2	3
Cedar Key FL	CKBP	5	1
Apalachicola Bay FL	APCP	3	3
Apalachicola Bay FL	APDB	6	0
Apalachicola Bay FL	APA	6	0
St. Andrew Bay FL	SAWB	6	0
Choctawhat. Bay FL	CBSP	4	2
Choctawhat. Bay FL	CBSR	6	0
Pensacola Bay FL	PEN	3	0
Pensacola Bay FL	PBIB	6	0
Mobile Bay AL	MBCP	4	2
Mobile Bay AL	MOB	6	0
Round Is. MS	ROU	6	0
Heron Bay MS	HER	3	0
Miss. Snd. MS	MSPB	6	0
Miss. Snd. MS	MSBB	2	5
Miss. Snd. MS	MSPC	3	0
Miss. Delta LA	MRD	6	0
Lake Borgne LA	LBMP	6	0
Breton Snd. LA	BSSI	6	0
Breton Snd. LA	BSBG	3	0
Barataria Bay LA	BBSD	6	0
Barataria Bay LA	BBMB	6	0
Barataria Bay LA	BAR	5	1
Terrebonne Bay LA	TBLF	6	0
Terrebonne Bay LA	TBLB	3	0
Caillou Lake LA	CLCL	6	0
Atchafalaya Bay LA	ABOB	6	0
Vermillion Bay LA	VBSP	3	0
J. Hrb. Bayou LA	JHJH	5	1

Table D.1.1: (Continued)

SITE	CODE	No.fine-grained samples	No. sandy samples
Calcasieu Lake LA	CLSJ	3	0
Sabine Lake LA	SLBB	6	0
E. Cote Blanche LA	ECSP	3	0
Galveston Bay TX	GBHR	6	0
Galveston Bay TX	GBYC	6	0
Galveston Bay TX	GBTD	6	0
Galveston Bay TX	GBCR	6	0
Galveston Bay TX	GAL	5	1
Matagorda Bay TX	MBEM	5	1
Matagorda Bay TX	MBTP	6	0
Matagorda Bay TX	MBGP	6	0
Matagorda Bay TX	MBLR	6	0
Espiritu Santo TX	ESSP	6	0
Espiritu Santo TX	ESBD	1	2
San Antonio Bay TX	SAMP	6	0
San Antonio Bay TX	SAPP	5	0
San Antonio Bay TX	SAB	6	0
Mesquite Bay TX	MBAR	6	0
Copano Bay TX	CBCR	6	0
Aransas Bay TX	ABLR	6	0
Corpus Christi TX	CCIC	4	2
Corpus Christi TX	CCNB	6	0
Corpus Christi Bay TX	CCB	5	1
L. Laguna Madre TX	LMSB	5	0
L. Laguna Madre TX	LLM	6	0
Imperial Beach CA	IBIB	0	3
San Diego Bay CA	SDF	2	4
San Diego Bay CA	SDHI	6	0
San Diego Hrb. CA	SDA	6	0
Pt. Loma CA	PLLH	6	0
Mission Bay CA	MBVB	0	3
La Jolla CA	LJLJ	3	0
Oceanside CA	OSBJ	6	0
Dana Pt. CA	DAN	5	0
Newport Bch. CA	NBBC	5	0
Anaheim Bay CA	ABWJ	6	0
Seal Beach CA	SEA	3	0
Long Beach CA	LNB	3	0
San Pedro Bay CA	SPB	3	0
San Pedro Cyn. CA	SPC	2	1
San Pedro Hrb. CA	SPFP	3	0
Palos Verdes CA	PVRP	6	0
S. Catalina Is. CA	SCBR	0	3
Santa Monica Bay CA	SMB	0	3
Santa Monica Basin CA	SMD	0	3
Marina Del Rey CA	MDSJ	6	0
Pt. Dume CA	PDPD	6	0
Pt. S. Barbara CA	SBSB	6	0
Pt. Conception CA	PCPC	0	3
San Luis Ob. Bay CA	SLSL	0	3
Pacific Grove CA	PGLP	0	3
Monterey Bay CA	MBSC	-	2
Monterey Bay CA	MON	0	3
Southamp. Shl. CA	SHS	0	6
Oakland Est. CA	OAK	3	0
Oakland Est.	OEIH	3	0

Table D.1.1: (Continued)

SITE	CODE	No.fine-grained samples	No. sandy samples
Hunters Pt. CA	HUN	6	0
San Fran. Bay CA	SFDB	6	0
San Fran. Bay CA	SFSM	6	0
San Fran. Bay CA	SFEM	6	0
San Pablo Bay CA	PAB	6	0
San Pablo Bay CA	SPSM	6	0
San Pablo Bay CA	SPSP	6	0
Tomales Bay CA	TBSR	6	0
Bodega Bay CA	BBBE	0	1
Bodega Bay CA	BOD	0	6
Humboldt Bay CA	HMBJ	0	3
Humboldt Bay CA	HMB	-	2
Pt. St. George CA	SGSG	0	3
Coos Bay OR	COO	3	3
Coos Bay OR	CBCH	-	4
Coos Bay OR	CBRP	4	2
Yaquina Bay OR	YBOP	3	0
Yaquina Head OR	YHYH	6	0
Tillamook Bay OR	TBHP	3	1
Columbia R. OR	CRYB	4	2
Columbia R. OR	COL	3	3
Gray's Hrb. WA	GHWJ	0	3
S. Juan de Fuca WA	JFNB	3	0
South Puget Snd. WA	SSBI	6	0
Nisqually Rch. WA	NIS	0	6
Comm. Bay WA	COM	6	0
Comm. Bay WA	CBTP	6	0
Elliott Bay WA	EBFR	0	3
Elliott Bay WA	ELL	6	0
Sinclair Inlet WA	SIWP	3	0
Whidbey Is. WA	WIPP	3	0
Bellingham Bay WA	BBSM	6	0
Pt. Roberts WA	PRPR	6	0
Lutak Inlet AK	LUT	3	0
Nahku Bay AK	NAH	3	0
Unakwit Inlet AK	UISB	3	0
Port Valdez AK	PVMC	3	0
Oliktok Pt. AK	OLI	3	0
Prudhoe Bay AK	END	3	0
Barber's Pt. HI	BPBP	6	0
Honolulu Hrb. HI	HHKL	6	0