Supplementary Materials: Fish Reproduction Is Disrupted upon Lifelong Exposure to Environmental PAHs Fractions Revealing Different Modes of Action

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Table S1. Detailed concentration of individual PAHs in produced diets (ng·g^{-1} food; mean ± SD; n = 4–7).

		PY				HO				LO			
	Ring #	Control	0.3X	1X	3X	Control	0.3X	1X	3X	Control	0.3X	1X	3X
naphthalene	2	6 ± 6	15 ± 7	56 ± 14	157 ± 74	4 ± 1	37 ± 6	120 ± 16	405 ± 73	3 ± 1	161 ± 21	315 ± 183	1110 ± 472
acenaphthylene	2	1 ± 0	11 ± 2	35 ± 6	114 ± 23	1 ± 0	3 ± 1	3 ± 1	13 ± 13	1 ± 0	15 ± 1	46 ± 2	136 ± 19
acenaphthene	2	2 ± 1	14 ± 12	29 ± 7	89 ± 24	27 ± 26	46 ± 23	74 ± 19	190 ± 17	23 ± 21	37 ± 26	67 ± 68	90 ± 30
fluorene	2	2 ± 1	14 ± 3	42 ± 8	137 ± 28	2 ± 1	34 ± 2	99 ± 8	312 ± 25	2 ± 1	79 ± 1	232 ± 2	677 ± 55
dibenzo[*b*,*d*]thiophene	2	2 ± 3	11 ± 1	34 ± 5	102 ± 26	0 ± 0	54 ± 3	166 ± 11	546 ± 54	0 ± 0	443 ± 8	1161 ± 18	3489 ± 208
phenanthrene	3	8 ± 4	95 ± 21	291 ± 60	895 ± 213	6 ± 3	152 ± 7	418 ± 32	1279 ± 51	6 ± 4	178 ± 7	492 ± 10	1438 ± 86
anthracene	3	1 ± 0	49 ± 13	159 ± 41	482 ± 165	0 ± 0	22 ± 1	70 ± 2	220 ± 10	0 ± 0	2 ± 1	4 ± 1	42 ± 54
fluoranthene	3	3 ± 3	130 ± 28	523 ± 182	1782 ± 353	2 ± 1	17 ± 1	44 ± 2	145 ± 18	2 ± 1	2 ± 2	1 ± 1	15 ± 17
pyrene	4	3 ± 3	112 ± 24	447 ± 160	1496 ± 311	1 ± 0	80 ± 3	227 ± 19	709 ± 64	2 ± 0	13 ± 2	18 ± 2	73 ± 28
benzo[a]anthracene	4	1 ± 0	171 ± 75	581 ± 221	1671 ± 763	0	57 ± 4	172 ± 11	543 ± 29	0	4 ± 1	14 ± 2	49 ± 28
triphenylene + chrysene	4	1 ± 0	215 ± 91	744 ± 290	2144 ± 1032	ND	108 ± 8	336 ± 21	1073 ± 79	ND	30 ± 1	98 ± 4	320 ± 62
benzo[*b*]naphto[2,1-*d*]thiophene	4	5 ± 3	52 ± 26	156 ± 70	472 ± 230	0	56 ± 4	186 ± 8	573 ± 36	0	66 ± 1	194 ± 9	588 ± 30
benzo[b]fluoranthene+benzo[k]fluoranthene+benzo[j]fluoranthene	4	2 ± 1	273 ± 72	868 ± 220	2740 ± 674	2.4	32 ± 2	110 ± 8	363 ± 18	2.4	6 ± 0	20 ± 1	66 ± 7
benzo[*e*]pyrene	5	1 ± 0	109 ± 29	346 ± 86	1084 ± 286	ND	56 ± 3	173 ± 11	536 ± 26	ND	17 ± 0	52 ± 1	160 ± 10
benzo[a]pyrene	5	1 ± 0	118 ± 33	373 ± 95	1168 ± 346	0 ± 0	ND	108 ± 6	342 ± 10	0 ± 0	ND	4 ± 1	17 ± 3
perylene	5	1 ± 0	37 ± 9	121 ± 27	390 ± 83	0 ± 0	ND	56 ± 4	172 ± 14	0 ± 0	ND	5 ± 1	13 ± 1
indeno(1,2,3-cd)pyrene	5	0 ± 0	123 ± 41	349 ± 89	1188 ± 265	ND	ND	ND	ND	ND	ND	ND	ND
dibenz(ah)anthracene + dibenz(ac)anthracene	5	2 ± 2	32 ± 11	108 ± 43	301 ± 106	0.3	ND	34 ± 2	113 ± 6	0.3	ND	3 ± 1	11 ± 1
benzo[ghi]perylene	6	0 ± 0	87 ± 27	268 ± 67	893 ± 191	0 ± 0	ND	146 ± 10	481 ± 12	0 ± 0	ND	12 ± 0	42 ± 12
Sum PAHs		**34 ± 6**	**1670 ± 448**	**5532 ± 1383**	**17305 ± 4798**	**39 ± 30**	**880 ± 28**	**2558 ± 169**	**8082 ± 305**	**33 ± 26**	**1053 ± 63**	**2739 ± 231**	**8335 ± 854**
2-methylnaphthalene	2	8 ± 9	15 ± 3	43 ± 8	116 ± 39	4 ± 1	137 ± 13	396 ± 32	1259 ± 118	4 ± 1	420 ± 19	1036 ± 96	2982 ± 725
1-methylnaphthalene	2	4 ± 6	8 ± 2	22 ± 5	62 ± 21	2 ± 0	86 ± 8	261 ± 20	854 ± 84	2 ± 0	458 ± 19	1147 ± 102	3300 ± 739
Sum methylnaphthalenes		**12 ± 15**	**23 ± 5**	**65 ± 13**	**178 ± 60**	**6 ± 2**	**223 ± 20**	**657 ± 52**	**2113 ± 201**	**5 ± 1**	**878 ± 38**	**2183 ± 197**	**6282 ± 1465**
3-methylphenanthrene	3	2 ± 1	17 ± 3	47 ± 11	149 ± 31	1 ± 0	126 ± 24	326 ± 47	934 ± 160	1 ± 0	114 ± 14	319 ± 38	850 ± 156
2-methylphenanthrene	3	2 ± 0	19 ± 5	60 ± 13	175 ± 41	1 ± 0	149 ± 11	400 ± 28	1172 ± 166	1 ± 0	121 ± 2	340 ± 16	915 ± 124
2-methylanthracene	3	0 ± 0	8 ± 2	25 ± 6	78 ± 18	ND	ND	ND	409 ± 32	ND	ND	ND	32 ± 8
9-methylphenanthrene + 1-methylanthracene	3	1 ± 0	14 ± 4	49 ± 12	165 ± 56	1 ± 0	137 ± 20	360 ± 85	990 ± 206	1 ± 0	283 ± 29	798 ± 42	2226 ± 394
1-methylphenanthrene	3	1 ± 0	12 ± 3	37 ± 11	100 ± 28	0 ± 0	73 ± 8	227 ± 15	617 ± 71	1 ± 0	122 ± 4	348 ± 14	956 ± 97
Sum methylphenanthrenes		**7 ± 3**	**70 ± 15**	**218 ± 41**	**668 ± 157**	**2 ± 2**	**530 ± 34**	**1448 ± 144**	**4122 ± 581**	**2 ± 2**	**640 ± 35**	**1804 ± 67**	**4957 ± 731**
Total PAHs		**55 ± 12**	**1763 ± 468**	**5816 ± 1433**	**18151 ± 4983**	**47 ± 33**	**1633 ± 71**	**4663 ± 360**	**14317 ± 813**	**40 ± 29**	**2572 ± 96**	**6726 ± 278**	**19574 ± 1945**

Ring #: number of aromatic rings; ND: not detectable.