

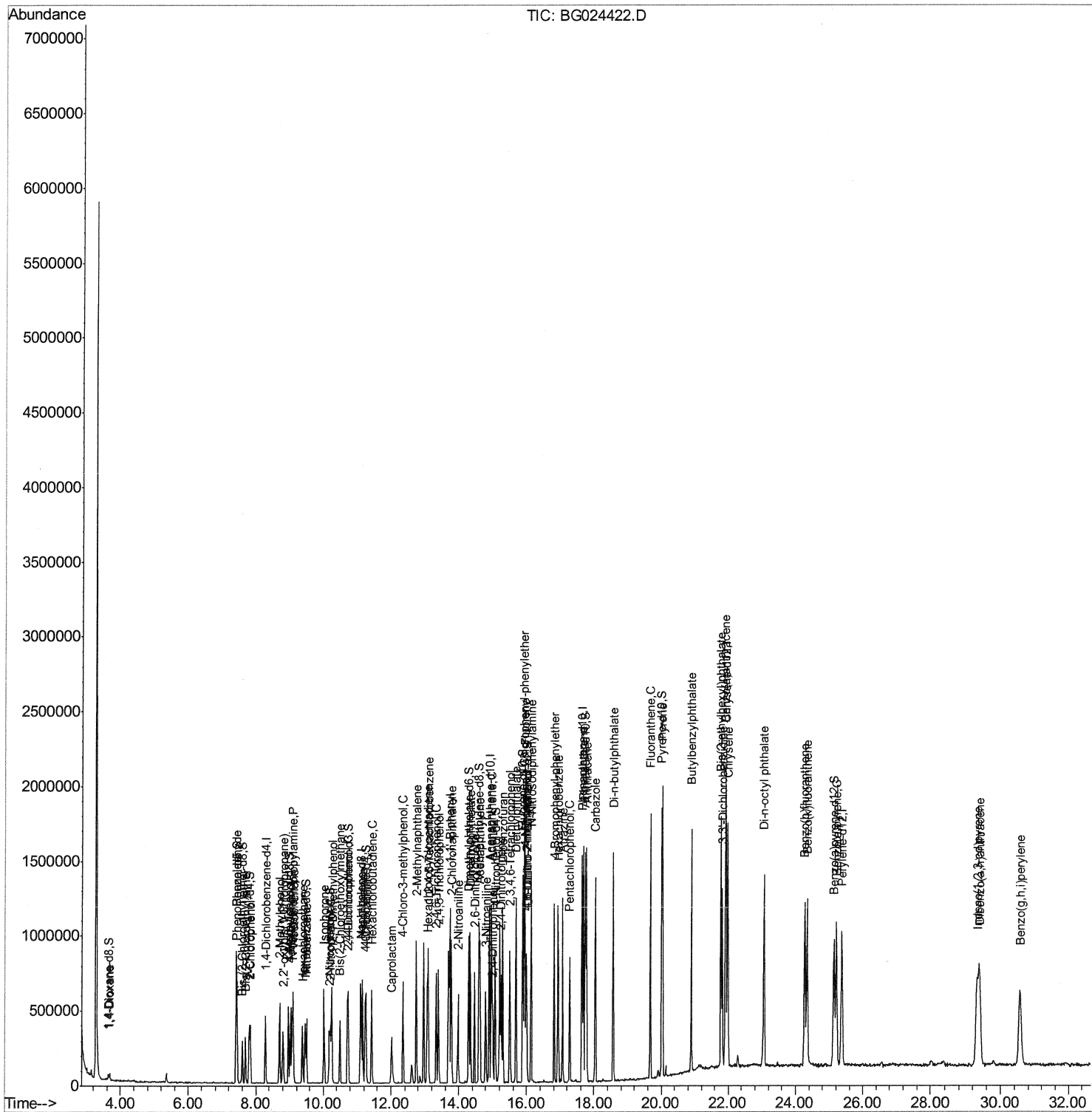
Data Path : Z:\HPCHEM1\BNA_G\Data\BG101816\
Data File : BG024422.D
Acq On : 18 Oct 2016 16:47
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTD02002

Manual Integrations
APPROVED

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10/19/2016 7:02:33 PM

Quant Time: Oct 18 19:05:40 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 18 18:49:31 2016
Response via : Initial Calibration



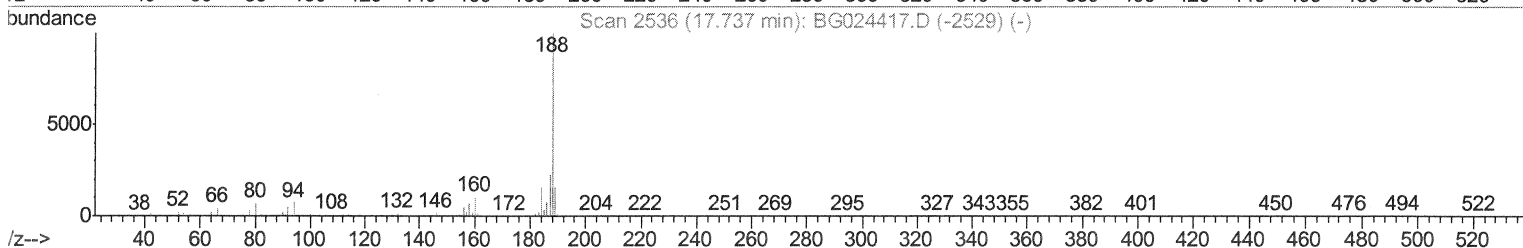
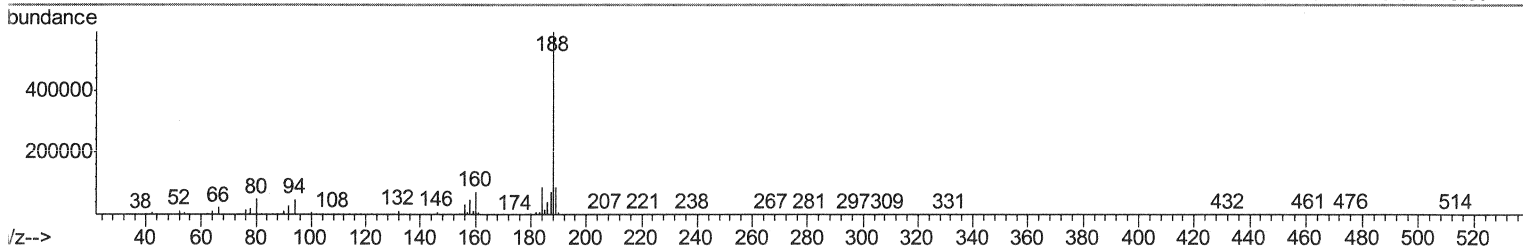
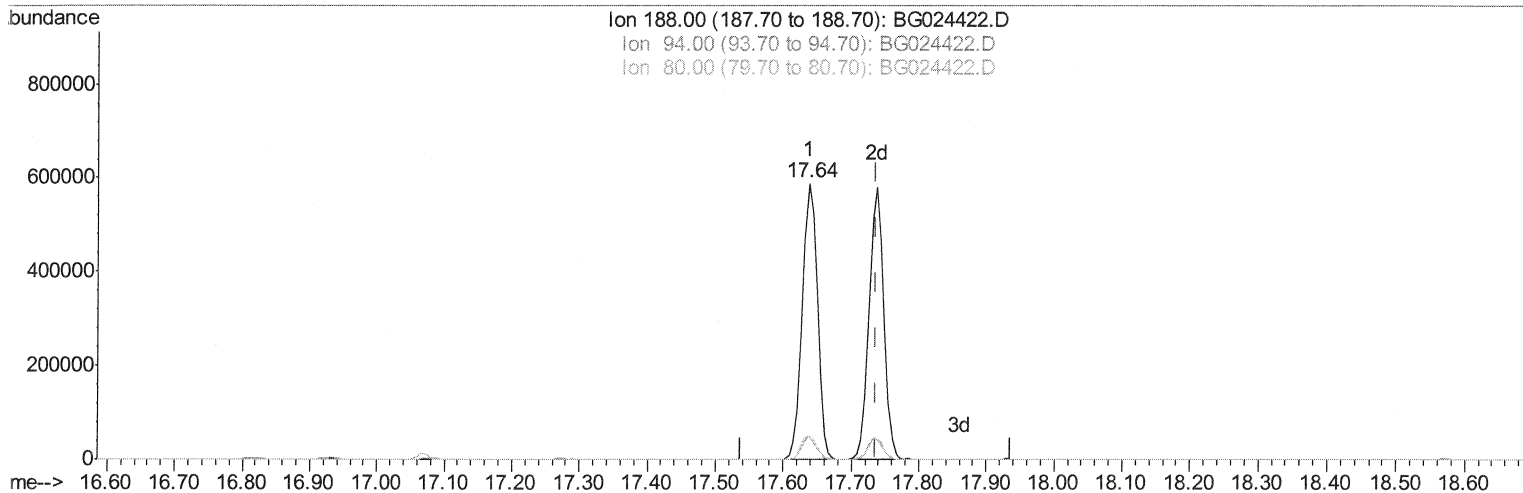
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TIC: BG024422.D

(70) Anthracene-d10 (S)

17.637min (-0.100) 22.14ng/ui

response 914867

Ion	Exp%	Act%
188.00	100	100
94.00	8.80	8.47
80.00	9.50	8.64
0.00	0.00	0.00

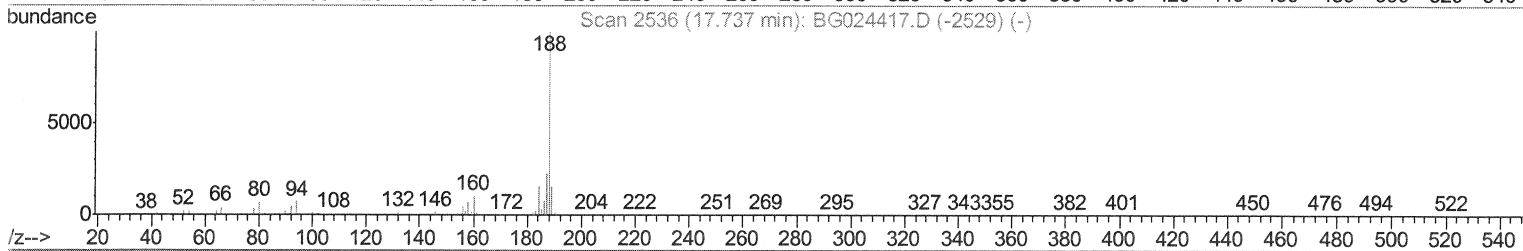
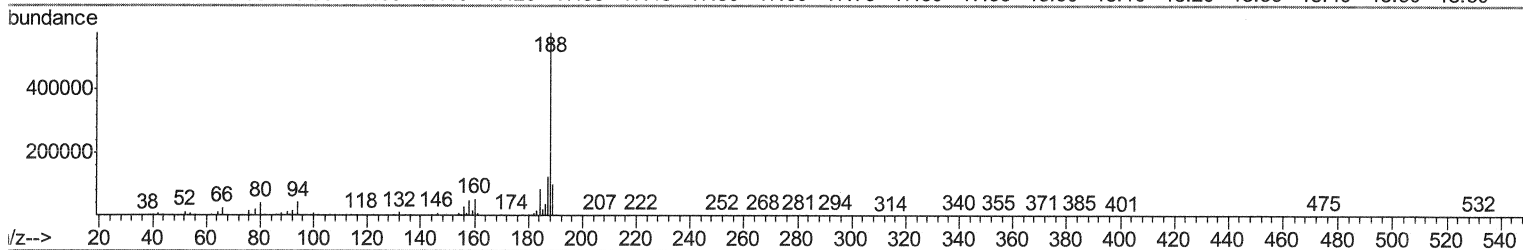
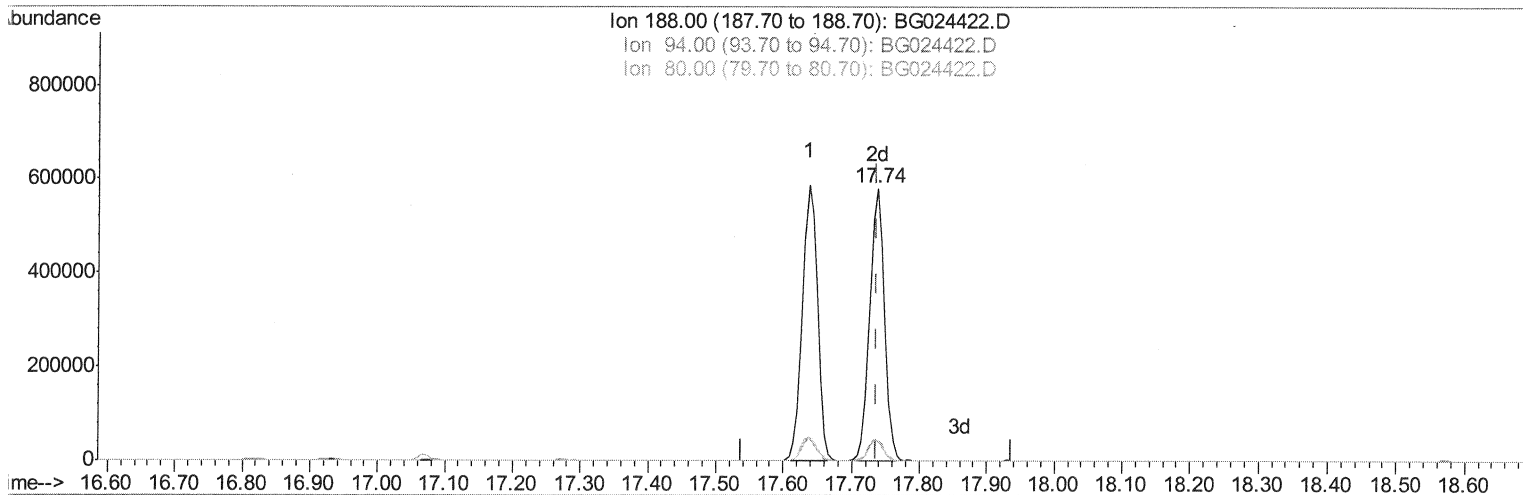
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TIC: BG024422.D

(70) Anthracene-d10 (S)

17.737min (-0.000) 21.36ng/ul m

SJ 10/19/16

response 882692

Ion	Exp%	Act%
188.00	100	100
94.00	8.80	7.30
80.00	9.50	7.16#
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	116133	20.00	ng/ul	0.00
18) Naphthalene-d8	11.11	136	515406	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.90	164	424706	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.64	188	914867	20.00	ng/ul	0.00
75) Chrysene-d12	21.94	240	1038120	20.00	ng/ul	0.00
83) Perylene-d12	25.38	264	1060722	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.64	96	17924	7.33	ng/uL	0.00
5) Phenol-d5	7.41	99	221437	20.44	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.60	67	144094	19.67	ng/ul	0.00
9) 2-Chlorophenol-d4	7.81	132	157800	21.15	ng/ul	0.00
13) 4-Methylphenol-d8	8.97	113	186735	21.32	ng/ul	0.00
19) Nitrobenzene-d5	9.46	128	83207	22.75	ng/ul	0.00
22) 2-Nitrophenol-d4	10.18	143	93698	22.90	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.72	165	188501	21.15	ng/ul	0.00
29) 4-Chloroaniline-d4	11.24	131	217627	23.24	ng/ul	0.00
43) Dimethylphthalate-d6	14.29	166	633028	21.35	ng/ul	0.00
46) Acenaphthylene-d8	14.59	160	754591	22.21	ng/ul	0.00
51) 4-Nitrophenol-d4	15.06	143	106711	20.29	ng/ul	0.00
57) Fluorene-d10	15.89	176	606751	21.64	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.99	200	125180	22.77	ng/ul	0.00
70) Anthracene-d10	17.74	188	882692m	21.36	ng/ul	0.00
76) Pyrene-d10	20.01	212	1013396	20.91	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.14	264	1007048	21.10	ng/ul	0.00

SJ 10/19/16

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.68	88	21942	8.28	ng/uL	91
4) Benzaldehyde	7.41	77	164227	21.54	ng/ul	93
6) Phenol	7.44	94	228805	20.81	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.69	93	168093	20.76	ng/ul	95
10) 2-Chlorophenol	7.84	128	150776	19.94	ng/ul	94
11) 2-Methylphenol	8.71	108	167005	20.50	ng/ul	93
12) 2,2'-oxybis(1-Chloropropan	8.81	45	309735	19.16	ng/ul#	95
14) Acetophenone	9.11	105	286630	22.04	ng/ul	94
15) N-Nitroso-di-n-propylamine	9.08	70	157654	20.10	ng/ul	97
16) 4-Methylphenol	9.04	108	179667	20.80	ng/ul	97
17) Hexachloroethane	9.38	117	70143	20.06	ng/ul	89
20) Nitrobenzene	9.50	77	253927	21.94	ng/ul	95
21) Isophorone	10.02	82	446508	21.22	ng/ul	97
23) 2-Nitrophenol	10.22	139	102653	23.02	ng/ul	96
24) 2,4-Dimethylphenol	10.25	107	231137	21.03	ng/ul	94
25) Bis(2-Chloroethoxy)methane	10.49	93	242145	21.00	ng/ul#	89
27) 2,4-Dichlorophenol	10.75	162	182516	21.36	ng/ul	95
28) Naphthalene	11.16	128	531797	21.43	ng/ul	97
30) 4-Chloroaniline	11.26	127	217177	22.85	ng/ul	100
31) Hexachlorobutadiene	11.43	225	156707	22.90	ng/ul	92
32) Caprolactam	12.02	113	66711	20.54	ng/ul	86
33) 4-Chloro-3-methylphenol	12.35	107	224622	21.48	ng/ul	93
34) 2-Methylnaphthalene	12.74	142	413709	20.97	ng/ul	100

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36) 1,2,4,5-Tetrachlorobenzene	13.10	216	287175	22.93	ng/ul	96
37) Hexachlorocyclopentadiene	13.07	237	192963	21.01	ng/ul#	98
38) 2,4,6-Trichlorophenol	13.34	196	180197	22.19	ng/ul	92
39) 2,4,5-Trichlorophenol	13.40	196	193684	21.70	ng/ul	96
40) 1,1'-Biphenyl	13.74	154	586870	21.34	ng/ul	97
41) 2-Chloronaphthalene	13.78	162	468850	21.75	ng/ul	98
42) 2-Nitroaniline	13.98	65	193780	23.61	ng/ul	94
44) Dimethylphthalate	14.34	163	617996	21.25	ng/ul	98
45) 2,6-Dinitrotoluene	14.46	165	133932	23.74	ng/ul#	95
47) Acenaphthylene	14.62	152	713875	21.84	ng/ul	96
48) 3-Nitroaniline	14.79	138	124936	23.44	ng/ul#	95
49) Acenaphthene	14.96	153	502812	21.52	ng/ul	99
50) 2,4-Dinitrophenol	15.00	184	81813	21.62	ng/ul#	78
52) 4-Nitrophenol	15.08	109	129127	20.27	ng/ul	94
53) Dibenzofuran	15.29	168	748182	21.76	ng/ul	99
54) 2,4-Dinitrotoluene	15.25	165	189133	22.62	ng/ul	94
55) 2,3,4,6-Tetrachlorophenol	15.51	232	196158	22.39	ng/ul	93
56) Diethylphthalate	15.69	149	651311	21.25	ng/ul	98
58) Fluorene	15.94	166	588676	20.70	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.92	204	341935	21.67	ng/ul	91
60) 4-Nitroaniline	15.96	138	123595	20.14	ng/ul	99
63) 4,6-Dinitro-2-methylphenol	16.00	198	132364	22.97	ng/ul#	93
64) N-Nitrosodiphenylamine	16.14	169	545977	21.10	ng/ul	98
65) 4-Bromophenyl-phenylether	16.82	248	234763	22.16	ng/ul	95
66) Hexachlorobenzene	16.93	284	260271	22.01	ng/ul	97
67) Atrazine	17.07	200	233222	22.04	ng/ul	97
68) Pentachlorophenol	17.27	266	152833	21.27	ng/ul	91
69) Phenanthrene	17.68	178	1001041	21.67	ng/ul	98
71) Anthracene	17.77	178	1020458	21.70	ng/ul	99
72) Carbazole	18.04	167	859855	23.31	ng/ul	99
73) Di-n-butylphthalate	18.57	149	1029837	22.82	ng/ul	100
74) Fluoranthene	19.68	202	1167053	25.01	ng/ul	98
77) Pyrene	20.03	202	1173676	21.17	ng/ul	99
78) Butylbenzylphthalate	20.90	149	462425	20.76	ng/ul	99
79) 3,3'-Dichlorobenzidine	21.82	252	430316	22.26	ng/ul#	92
80) Benzo(a)anthracene	21.91	228	1234850	21.44	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.78	149	647746	20.56	ng/ul	98
82) Chrysene	21.99	228	1170778	21.35	ng/ul	99
84) Di-n-octyl phthalate	23.07	149	1087674	21.86	ng/ul	100
85) Benzo(b)fluoranthene	24.28	252	1248414	21.20	ng/ul	99
86) Benzo(k)fluoranthene	24.35	252	1195253	21.07	ng/ul	99
88) Benzo(a)pyrene	25.21	252	1195908	21.32	ng/ul	100
89) Indeno(1,2,3-cd)pyrene	29.34	276	1464877	22.05	ng/ul	99
90) Dibenzo(a,h)anthracene	29.40	278	1214821	21.62	ng/ul	98
91) Benzo(g,h,i)perylene	30.58	276	1204772	21.56	ng/ul	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed