Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102521\
Data File : BP007685.D
Acq On : 26 Oct 2021 19:01
Operator : CG/JU
Sample : PB140168BS
Misc :
ALS Vial : 43 Sample Multiplier: 1

Quant Time: Oct 27 00:55:04 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP102521.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 25 16:57:16 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SLCS168

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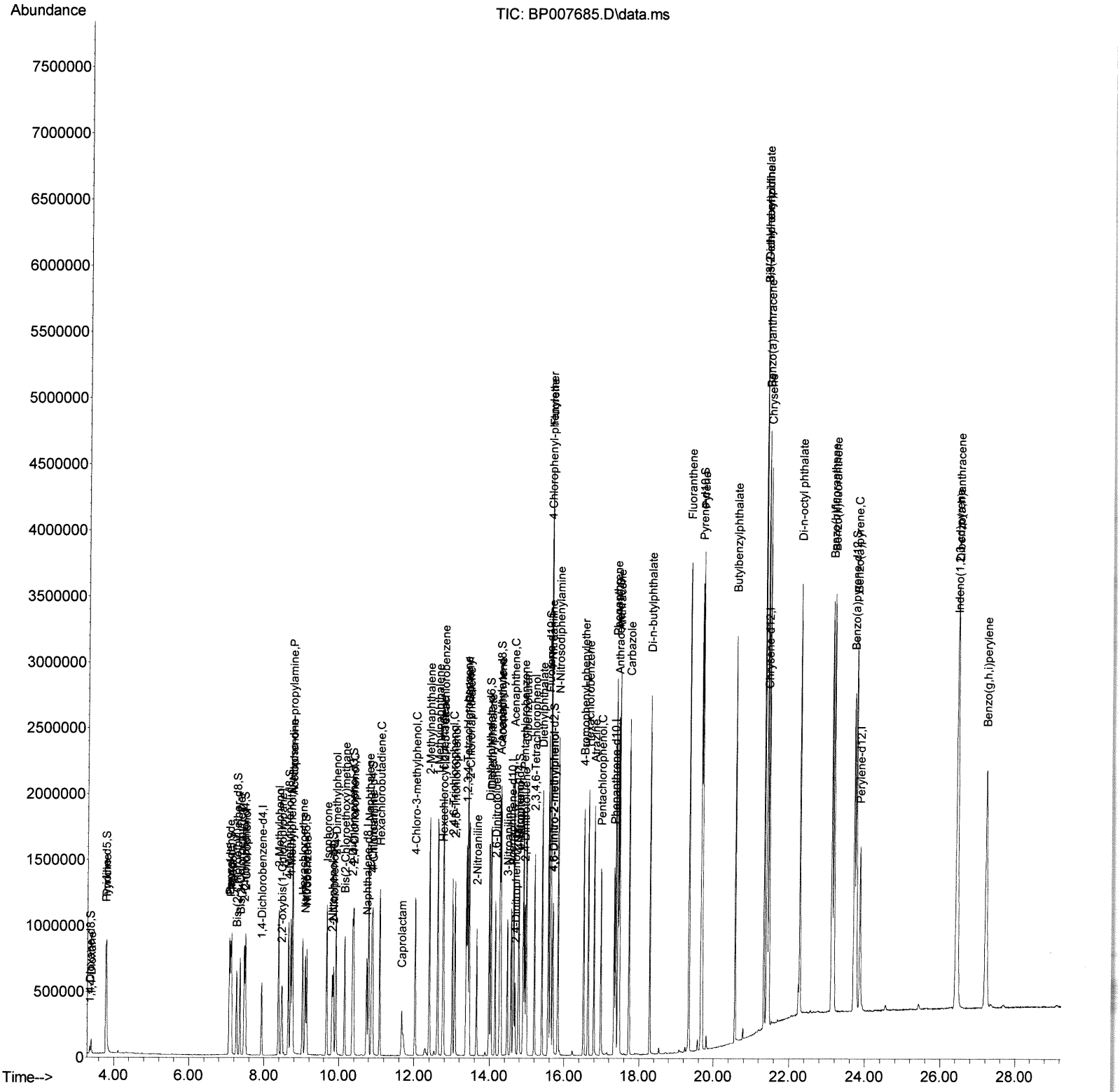

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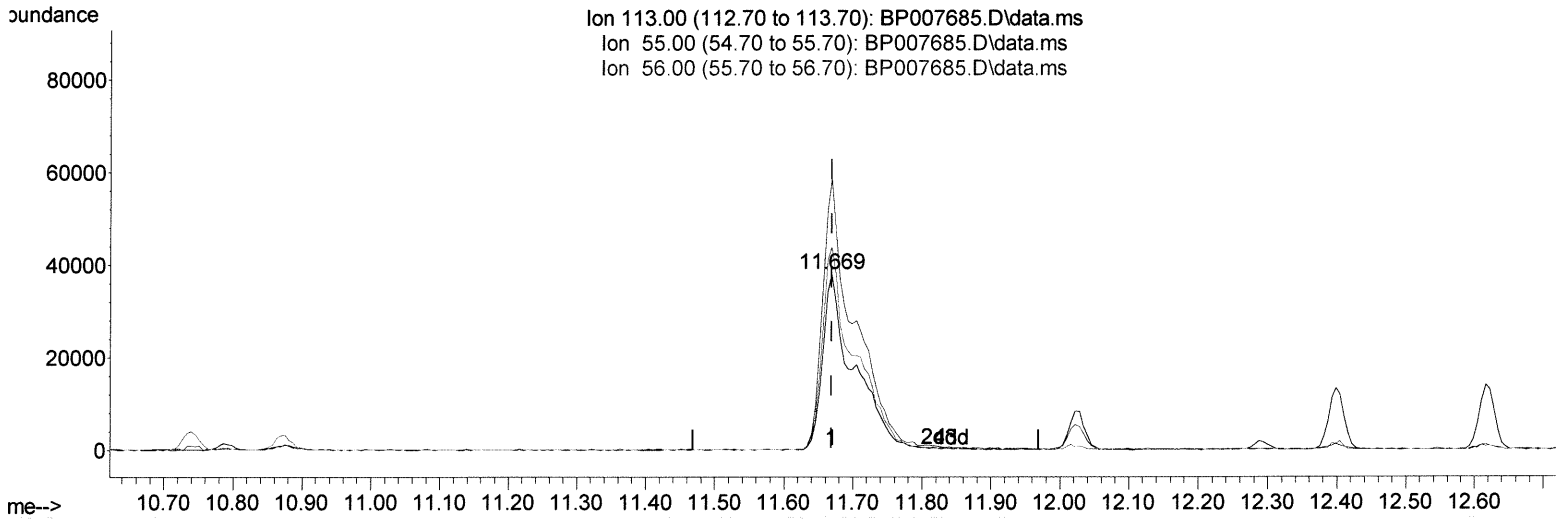

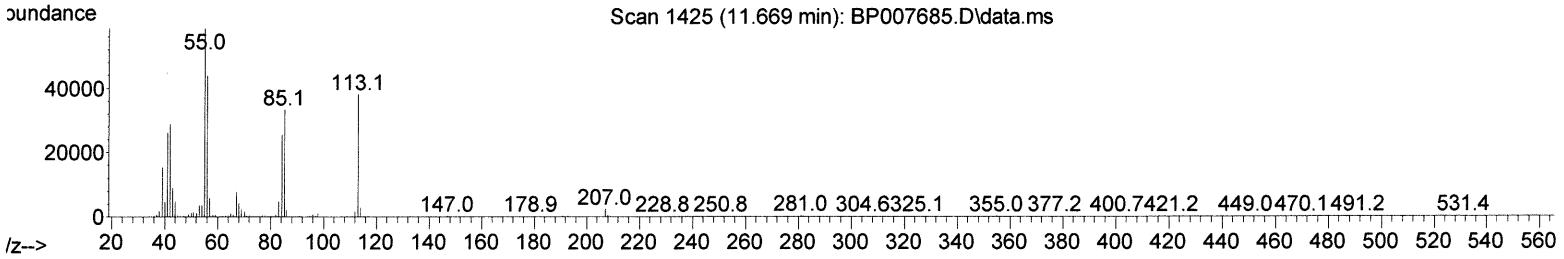

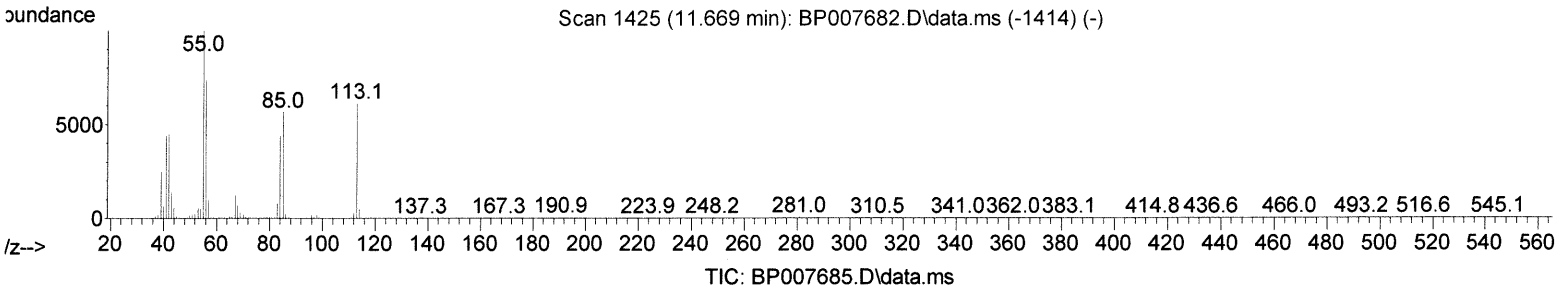

TIC: BP007685.D\data.ms

(34) Caprolactam

11.669min (+ 0.000) 26.84 ng/ul

response 80038

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	162.60	153.80
56.00	120.30	115.21
0.00	0.00	0.00

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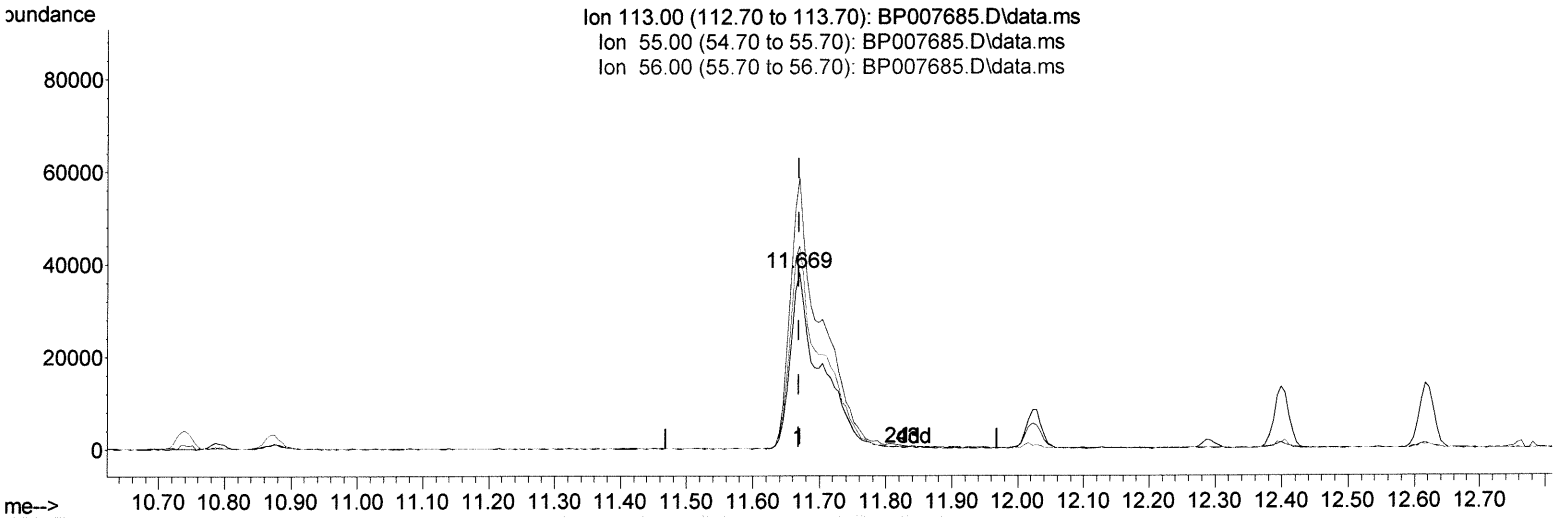

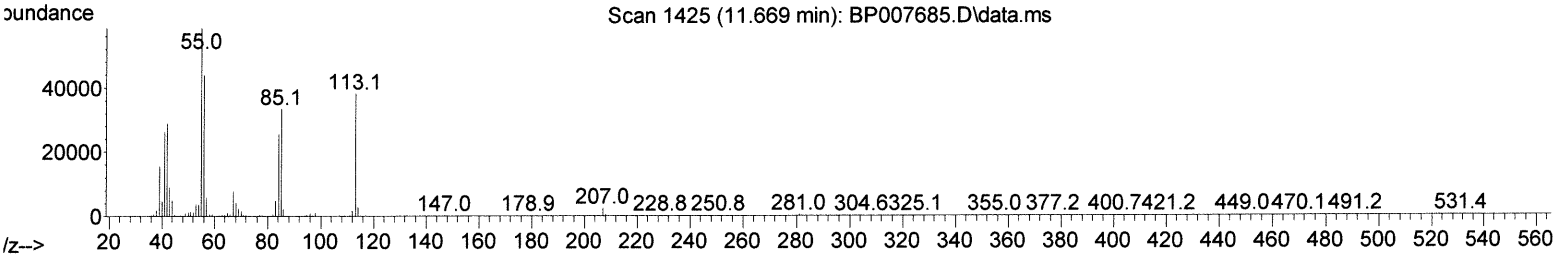

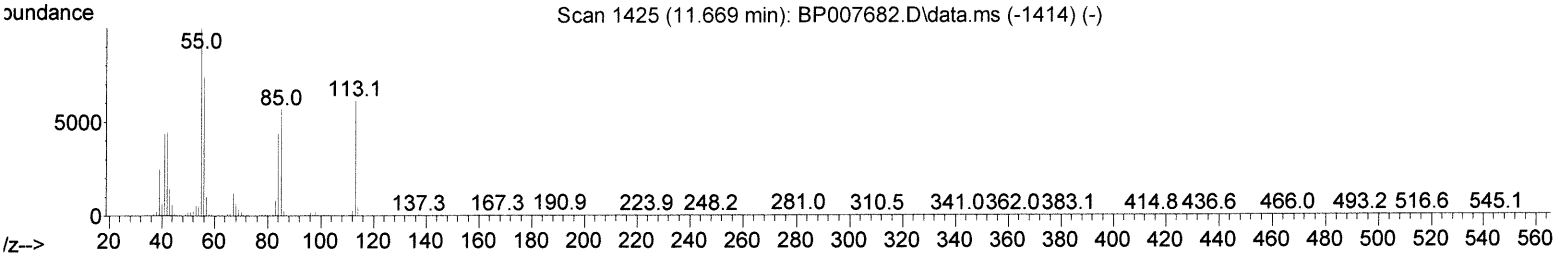

TIC: BP007685.D\data.ms

(34) Caprolactam

11.669min (+ 0.000) 40.20 ng/ul m 10/29/21 JU

response 119850

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	162.60	153.80
56.00	120.30	115.21
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	149772	20.000	ng/ul	0.00
20) Naphthalene-d8	10.740	136	612628	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.575	164	394690	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.328	188	849707	20.000	ng/ul	0.00
79) Chrysene-d12	21.422	240	893376	20.000	ng/ul	0.00
88) Perylene-d12	23.863	264	927842	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.370	96	27273	8.272	ng/uL	0.00
4) Pyridine-d5	3.781	84	385748	38.689	ng/ul	0.00
7) Phenol-d5	7.099	99	477605	41.984	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.264	67	272999	43.224	ng/ul	0.00
11) 2-Chlorophenol-d4	7.469	132	384319	43.437	ng/ul	0.00
15) 4-Methylphenol-d8	8.646	113	379999	42.659	ng/ul	0.00
21) Nitrobenzene-d5	9.093	128	179318	42.952	ng/ul	0.00
24) 2-Nitrophenol-d4	9.816	143	192994	42.325	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.357	165	389415	41.957	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.875	131	490426	39.962	ng/ul	0.00
46) Dimethylphthalate-d6	13.987	166	1141325	42.690	ng/ul	0.00
49) Acenaphthylene-d8	14.263	160	1373488	41.915	ng/ul	0.00
54) 4-Nitrophenol-d4	14.769	143	211135	43.082	ng/ul	0.00
60) Fluorene-d10	15.569	176	964253	42.782	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.687	200	179689	39.535	ng/ul	0.00
73) Anthracene-d10	17.428	188	1464611	41.942	ng/ul	0.00
81) Pyrene-d10	19.663	212	1840543	44.252	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.710	264	1915097	42.016	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.405	88	58226	15.796	ng/uL	92
5) Pyridine	3.799	79	401605	41.121	ng/ul	96
6) Benzaldehyde	7.069	77	295853	54.097	ng/ul	96
8) Phenol	7.128	94	501214	43.607	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.358	93	397213	43.836	ng/ul	98
12) 2-Chlorophenol	7.499	128	400979	44.704	ng/ul	99
13) 2-Methylphenol	8.381	108	375371	43.234	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.469	45	459617	44.658	ng/ul	99
16) Acetophenone	8.758	105	579066	43.556	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.752	70	282646	44.700	ng/ul	94
18) 4-Methylphenol	8.710	108	404871	43.728	ng/ul	96
19) Hexachloroethane	9.022	117	161243	43.925	ng/ul	89
22) Nitrobenzene	9.134	77	430513	43.703	ng/ul	96
23) Isophorone	9.669	82	814414	43.218	ng/ul	97
25) 2-Nitrophenol	9.852	139	217020	44.219	ng/ul	94
26) 2,4-Dimethylphenol	9.916	107	419302	40.128	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.152	93	517720	42.855	ng/ul	99
29) 2,4-Dichlorophenol	10.387	162	389507	42.836	ng/ul	98
30) Naphthalene	10.793	128	1207534	41.751	ng/ul	99
32) 4-Chloroaniline	10.899	127	500562	40.072	ng/ul	99
33) Hexachlorobutadiene	11.087	225	269572	40.663	ng/ul	99
34) Caprolactam	11.669	113	119850m	40.197	ng/ul	99
35) 4-Chloro-3-methylphenol	12.022	107	416997	44.296	ng/ul	99

10/29/21 JU

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.399	142	839923	42.241	ng/ul	99
37) 1-Methylnaphthalene	12.616	142	841882	41.933	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.769	216	499552	41.726	ng/ul	97
40) Hexachlorocyclopentadiene	12.751	237	250096	32.213	ng/ul	100
41) 2,4,6-Trichlorophenol	13.004	196	326362	43.325	ng/ul	99
42) 2,4,5-Trichlorophenol	13.075	196	353741	43.613	ng/ul	98
43) 1,1'-Biphenyl	13.410	154	1139408	41.788	ng/ul	99
44) 2-Chloronaphthalene	13.446	162	882187	41.751	ng/ul	98
45) 2-Nitroaniline	13.646	65	245826	46.114	ng/ul	97
47) Dimethylphthalate	14.034	163	1150405	43.534	ng/ul	100
48) 2,6-Dinitrotoluene	14.146	165	232014	45.968	ng/ul	92
50) Acenaphthylene	14.293	152	1393600	42.006	ng/ul	99
51) 3-Nitroaniline	14.469	138	243551	45.497	ng/ul#	97
52) Acenaphthene	14.640	153	924753	42.265	ng/ul	99
53) 2,4-Dinitrophenol	14.681	184	122448	38.869	ng/ul	90
55) 4-Nitrophenol	14.781	109	183918	42.451	ng/ul	94
56) Dibenzofuran	14.975	168	1356925	42.423	ng/ul	99
57) 2,4-Dinitrotoluene	14.934	165	334262	46.112	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	15.198	232	293058	44.327	ng/ul	97
59) Diethylphthalate	15.398	149	1139163	43.955	ng/ul	99
61) Fluorene	15.622	166	1051904	42.191	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.616	204	554165	41.913	ng/ul	100
63) 4-Nitroaniline	15.634	138	233716	47.027	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.698	198	188094	41.114	ng/ul	98
67) N-Nitrosodiphenylamine	15.834	169	940745	42.913	ng/ul	98
68) 4-Bromophenyl-phenylether	16.516	248	351391	42.412	ng/ul	96
69) Hexachlorobenzene	16.634	284	407831	42.508	ng/ul	97
70) Atrazine	16.792	200	365505	40.211	ng/ul	98
71) Pentachlorophenol	16.975	266	242233	40.654	ng/ul	98
72) Phenanthrene	17.369	178	1787151	43.515	ng/ul	100
74) Anthracene	17.463	178	1728291	42.308	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.375	216	496344	39.953	ng/uL	99
76) Pentachlorobenzene	14.893	250	477080	39.825	ng/uL	99
77) Carbazole	17.734	167	1624694	43.082	ng/ul	100
78) Di-n-butylphthalate	18.292	149	1912607	44.298	ng/ul	100
80) Fluoranthene	19.339	202	2213111	43.416	ng/ul	97
82) Pyrene	19.692	202	2241357	43.444	ng/ul	96
83) Butylbenzylphthalate	20.569	149	893524	44.512	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.333	252	754614	45.577	ng/ul#	98
85) Benzo(a)anthracene	21.404	228	2303613	43.422	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.333	149	1281255	42.954	ng/ul	100
87) Chrysene	21.457	228	2204060	42.969	ng/ul	99
89) Di-n-octyl phthalate	22.280	149	2295571	44.415	ng/ul	100
90) Benzo(b)fluoranthene	23.122	252	2465167	45.091	ng/ul	99
91) Benzo(k)fluoranthene	23.169	252	2297967	44.916	ng/ul	99
93) Benzo(a)pyrene	23.763	252	2371248	44.766	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.421	276	2849906	45.168	ng/ul	97
95) Dibenzo(a,h)anthracene	26.445	278	2451501	45.340	ng/ul	99
96) Benzo(g,h,i)perylene	27.210	276	2445751	45.573	ng/ul	97

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