Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102521\
Data File : BP007703.D
Acq On : 27 Oct 2021 05:47
Operator : CG/JU
Sample : PB140187BS
Misc :
ALS Vial : 61 Sample Multiplier: 1

Quant Time: Oct 27 06:50:42 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 :
SLCS187

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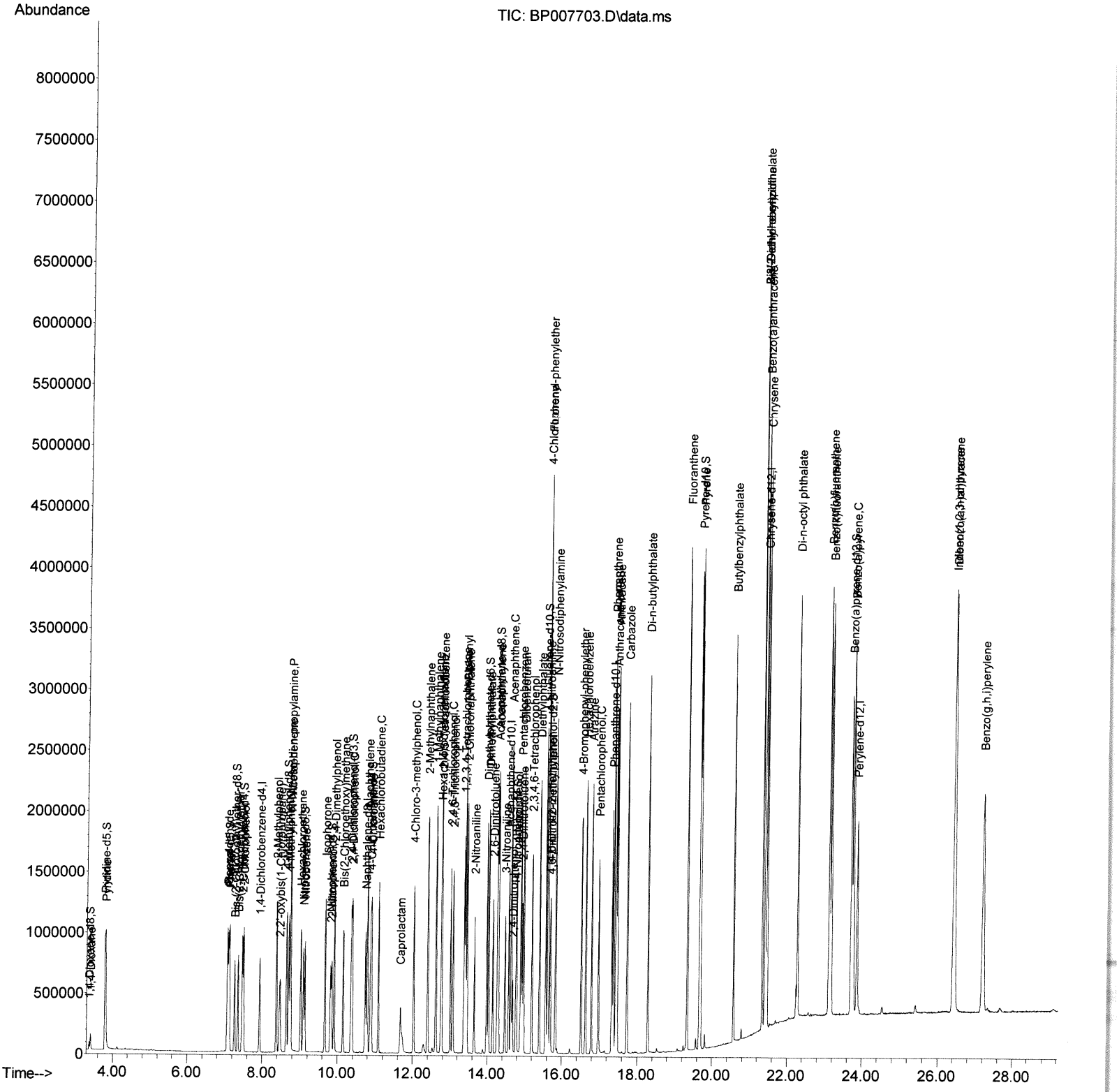

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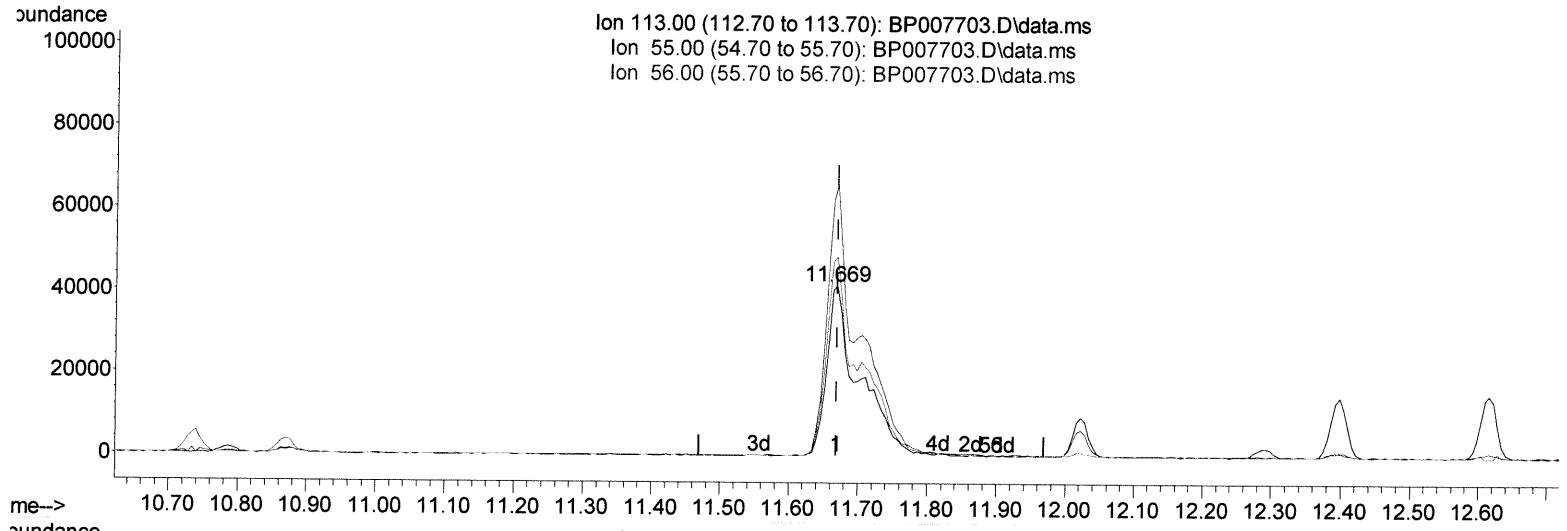

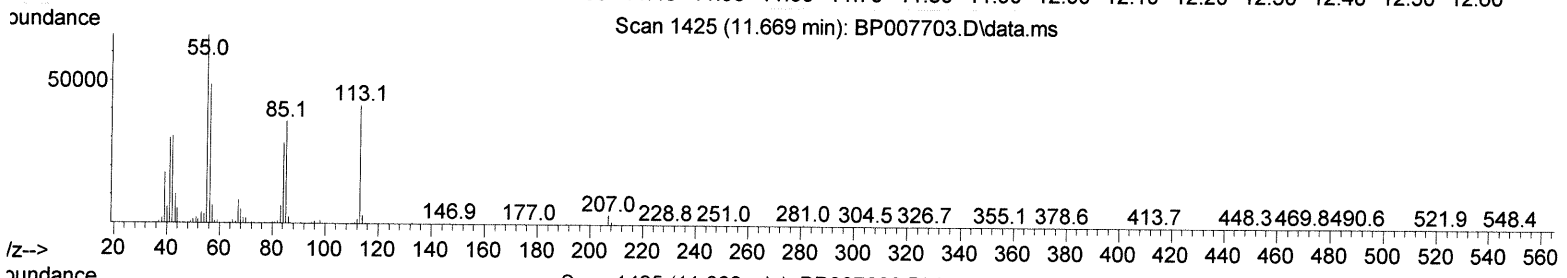

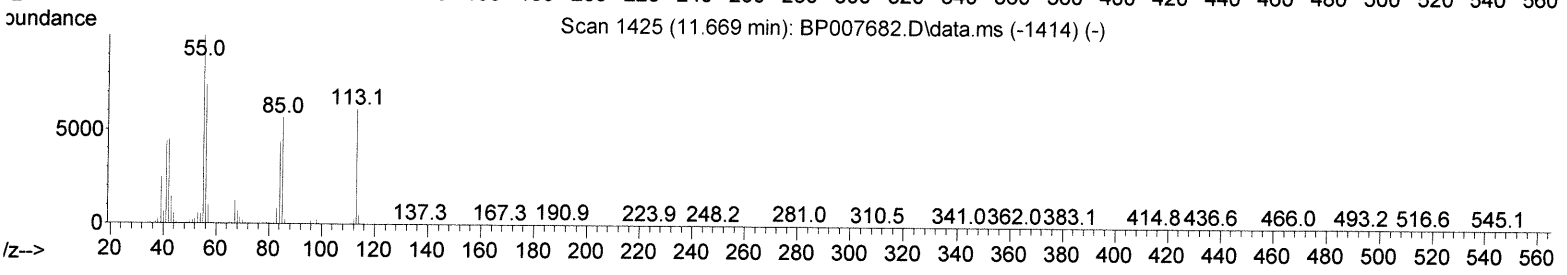

TIC: BP007703.D\data.ms

(34) Caprolactam

11.669min (-0.000) 20.56 ng/ul

response 83661

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	162.60	159.29
56.00	120.30	117.02
0.00	0.00	0.00

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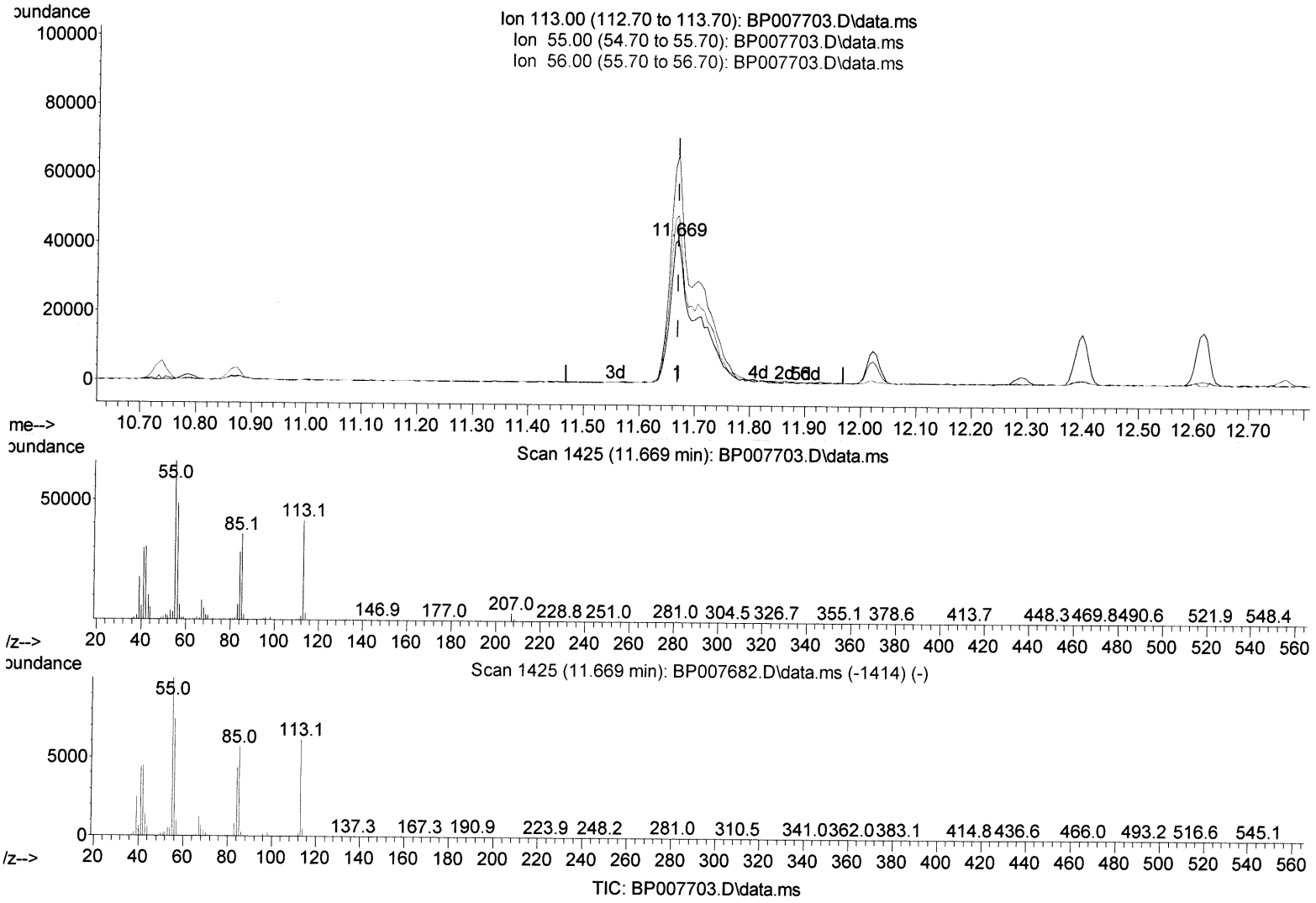

(34) Caprolactam

11.669min (-0.000) 33.55 ng/ul m 10/29/21 JU

response 136540

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	162.60	159.29
56.00	120.30	117.02
0.00	0.00	0.00

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Misc :
ALS Vial : 61 Sample Multiplier: 1

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	209000	20.000	ng/ul	0.00
20) Naphthalene-d8	10.740	136	836275	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.569	164	533416	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.328	188	1146685	20.000	ng/ul	0.00
79) Chrysene-d12	21.416	240	1182450	20.000	ng/ul	0.00
88) Perylene-d12	23.862	264	1244606	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	30551	6.640	ng/uL	0.00
4) Pyridine-d5	3.781	84	451631	32.460	ng/ul	0.00
7) Phenol-d5	7.099	99	548589	34.558	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.263	67	315736	35.824	ng/ul	0.00
11) 2-Chlorophenol-d4	7.463	132	444358	35.990	ng/ul	-0.01
15) 4-Methylphenol-d8	8.646	113	434880	34.985	ng/ul	0.00
21) Nitrobenzene-d5	9.093	128	208499	36.585	ng/ul	0.00
24) 2-Nitrophenol-d4	9.816	143	221515	35.588	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.357	165	442493	34.926	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.869	131	558914	33.363	ng/ul	-0.01
46) Dimethylphthalate-d6	13.981	166	1297966	35.923	ng/ul	-0.01
49) Acenaphthylene-d8	14.263	160	1558438	35.191	ng/ul	0.00
54) 4-Nitrophenol-d4	14.763	143	238122	35.953	ng/ul	-0.01
60) Fluorene-d10	15.563	176	1090897	35.813	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.686	200	200028	32.612	ng/ul	0.00
73) Anthracene-d10	17.428	188	1665407	35.341	ng/ul	0.00
81) Pyrene-d10	19.663	212	2065786	37.525	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.704	264	2116784	34.622	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.405	88	67931	13.206	ng/uL	93
5) Pyridine	3.805	79	459025	33.681	ng/ul	99
6) Benzaldehyde	7.069	77	334925	43.886	ng/ul	99
8) Phenol	7.128	94	567803	35.401	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.357	93	449193	35.524	ng/ul	99
12) 2-Chlorophenol	7.499	128	453251	36.211	ng/ul	99
13) 2-Methylphenol	8.375	108	427585	35.292	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.463	45	528146	36.774	ng/ul	99
16) Acetophenone	8.757	105	654460	35.277	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.746	70	318966	36.148	ng/ul	96
18) 4-Methylphenol	8.710	108	457605	35.418	ng/ul	97
19) Hexachloroethane	9.016	117	184538	36.024	ng/ul	95
22) Nitrobenzene	9.134	77	487945	36.286	ng/ul	97
23) Isophorone	9.669	82	916469	35.627	ng/ul	97
25) 2-Nitrophenol	9.846	139	245678	36.671	ng/ul	96
26) 2,4-Dimethylphenol	9.910	107	485236	34.019	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.146	93	583849	35.404	ng/ul	99
29) 2,4-Dichlorophenol	10.387	162	440616	35.498	ng/ul	97
30) Naphthalene	10.787	128	1363249	34.529	ng/ul	100
32) 4-Chloroaniline	10.893	127	568747	33.354	ng/ul	100
33) Hexachlorobutadiene	11.081	225	307690	34.001	ng/ul	99
34) Caprolactam	11.669	113	136540m	33.548	ng/ul	> 10/29/21 JU
35) 4-Chloro-3-methylphenol	12.022	107	470916	36.646	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.398	142	943738	34.769	ng/ul	99
37) 1-Methylnaphthalene	12.616	142	954430	34.825	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.769	216	559088	34.554	ng/ul	98
40) Hexachlorocyclopentadiene	12.751	237	297747	28.377	ng/ul	100
41) 2,4,6-Trichlorophenol	13.004	196	365334	35.886	ng/ul	99
42) 2,4,5-Trichlorophenol	13.075	196	399387	36.435	ng/ul	97
43) 1,1'-Biphenyl	13.404	154	1280029	34.736	ng/ul	99
44) 2-Chloronaphthalene	13.445	162	987335	34.575	ng/ul	98
45) 2-Nitroaniline	13.645	65	278032	38.592	ng/ul	94
47) Dimethylphthalate	14.028	163	1293740	36.225	ng/ul	100
48) 2,6-Dinitrotoluene	14.145	165	262915	38.543	ng/ul	91
50) Acenaphthylene	14.292	152	1568912	34.992	ng/ul	100
51) 3-Nitroaniline	14.469	138	267799	37.016	ng/ul#	98
52) Acenaphthene	14.634	153	1031419	34.880	ng/ul	99
53) 2,4-Dinitrophenol	14.675	184	130559	30.665	ng/ul	98
55) 4-Nitrophenol	14.781	109	205284	35.059	ng/ul	94
56) Dibenzofuran	14.969	168	1511985	34.977	ng/ul	100
57) 2,4-Dinitrotoluene	14.934	165	377004	38.483	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.198	232	328666	36.784	ng/ul	96
59) Diethylphthalate	15.398	149	1269758	36.252	ng/ul	99
61) Fluorene	15.622	166	1172946	34.811	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.616	204	616421	34.497	ng/ul	100
63) 4-Nitroaniline	15.634	138	262727	39.116	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.698	198	203476	32.957	ng/ul	98
67) N-Nitrosodiphenylamine	15.828	169	1051587	35.546	ng/ul	99
68) 4-Bromophenyl-phenylether	16.516	248	393304	35.176	ng/ul	96
69) Hexachlorobenzene	16.633	284	450001	34.756	ng/ul	97
70) Atrazine	16.786	200	411868	33.577	ng/ul	99
71) Pentachlorophenol	16.975	266	269583	33.527	ng/ul	99
72) Phenanthrene	17.369	178	1983386	35.786	ng/ul	99
74) Anthracene	17.463	178	1927710	34.968	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.369	216	563479	33.610	ng/uL	98
76) Pentachlorobenzene	14.892	250	534086	33.037	ng/uL	99
77) Carbazole	17.728	167	1805179	35.470	ng/ul	99
78) Di-n-butylphthalate	18.286	149	2134834	36.639	ng/ul	100
80) Fluoranthene	19.333	202	2471658	36.634	ng/ul	98
82) Pyrene	19.686	202	2458002	35.996	ng/ul	98
83) Butylbenzylphthalate	20.569	149	975792	36.726	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.333	252	810814	36.999	ng/ul#	99
85) Benzo(a)anthracene	21.404	228	2508139	35.720	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.333	149	1418659	35.934	ng/ul	99
87) Chrysene	21.457	228	2421411	35.666	ng/ul	99
89) Di-n-octyl phthalate	22.274	149	2508522	36.183	ng/ul	100
90) Benzo(b)fluoranthene	23.115	252	2654354	36.194	ng/ul	99
91) Benzo(k)fluoranthene	23.163	252	2535819	36.950	ng/ul	100
93) Benzo(a)pyrene	23.757	252	2580434	36.316	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.421	276	3077292	36.359	ng/ul	99
95) Dibenzo(a,h)anthracene	26.439	278	2632093	36.290	ng/ul	99
96) Benzo(g,h,i)perylene	27.203	276	2650476	36.818	ng/ul	97

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