Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101421\
Data File : BP007416.D
Acq On : 14 Oct 2021 14:38
Operator : CG/JU
Sample : PB139790BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Oct 14 15:13:03 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP101421.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 14 13:04:52 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SLCS790

Manual Integrations APPROVED
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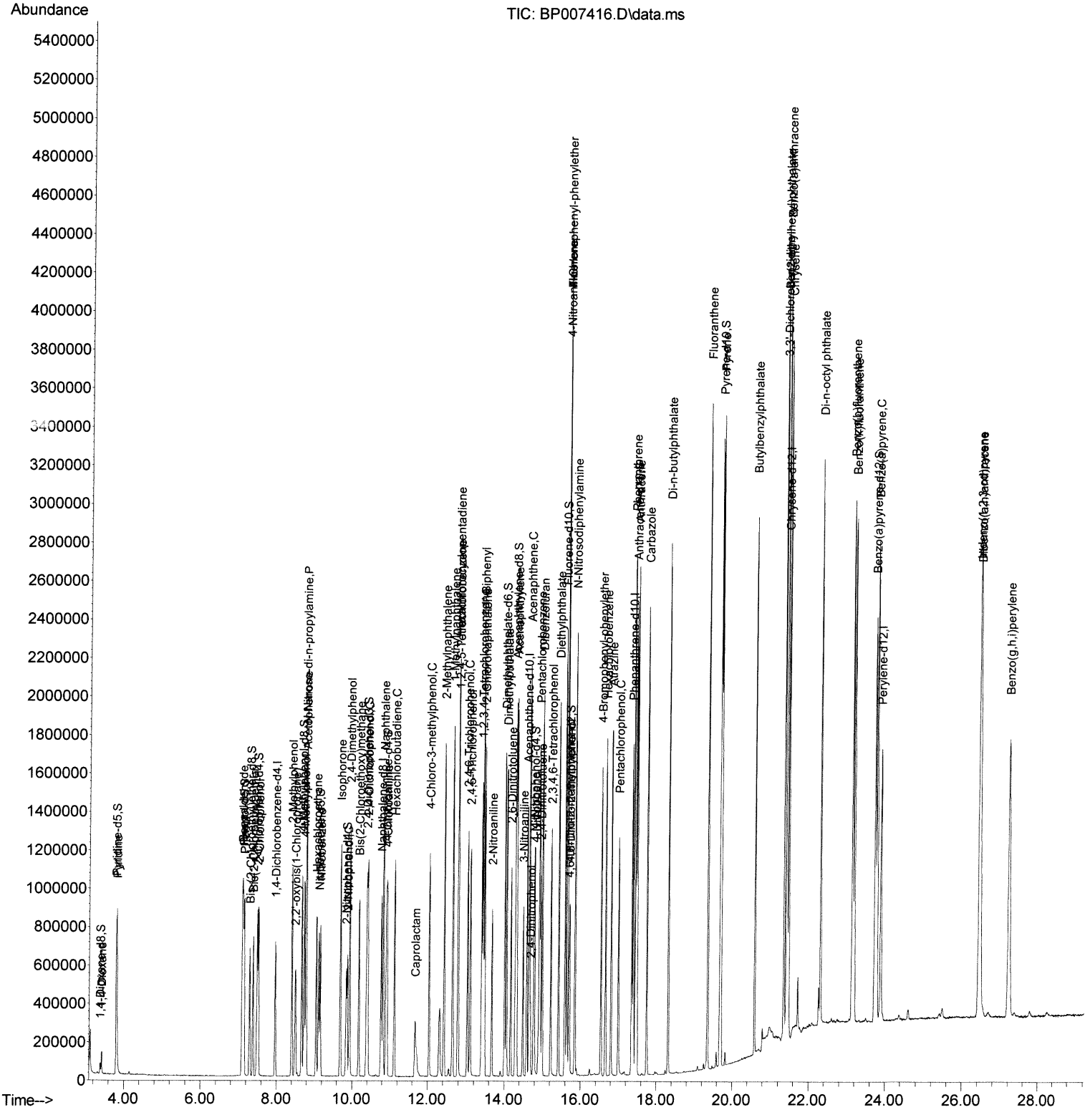

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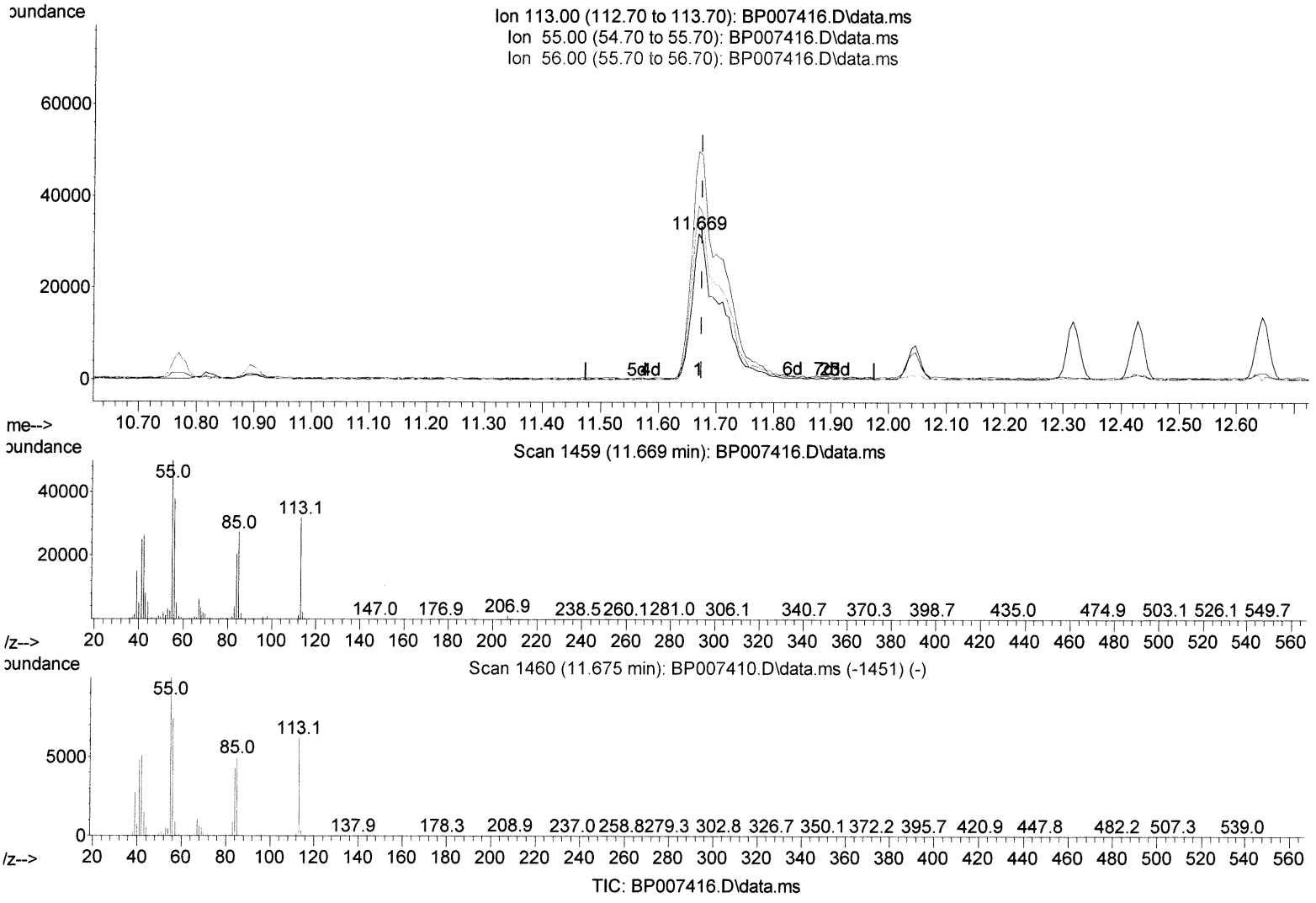

(34) Caprolactam

11.669min (-0.006) 22.79 ng/ul

response 64492

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	162.60	156.15
56.00	120.30	118.95
0.00	0.00	0.00

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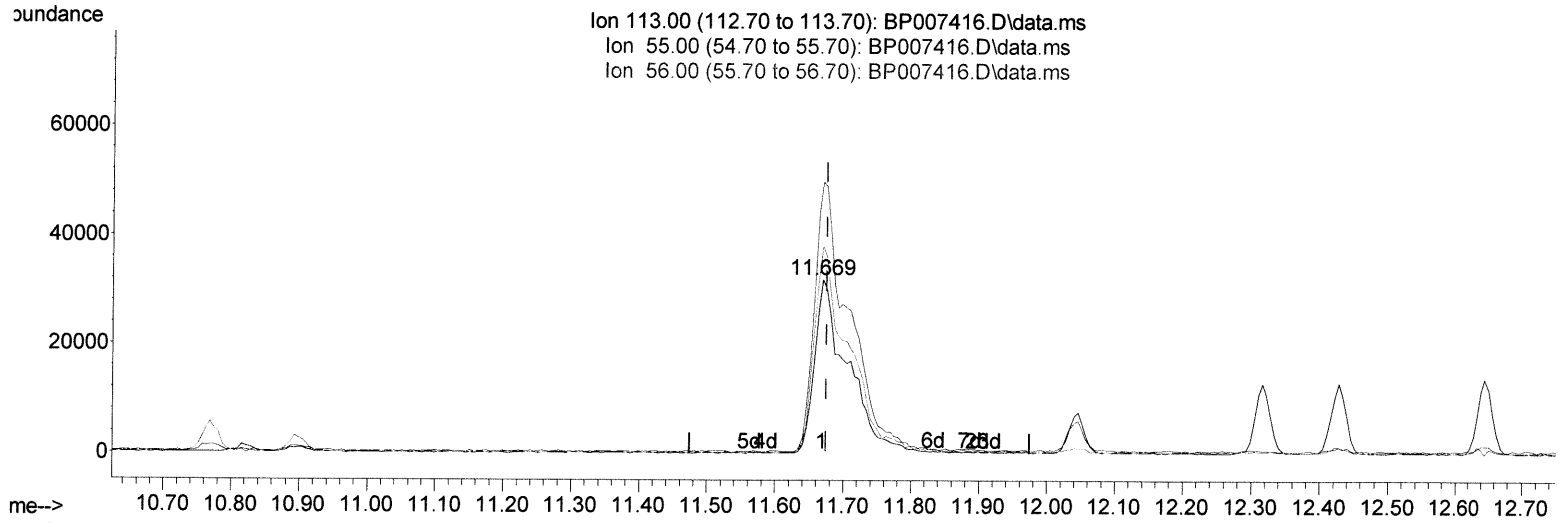

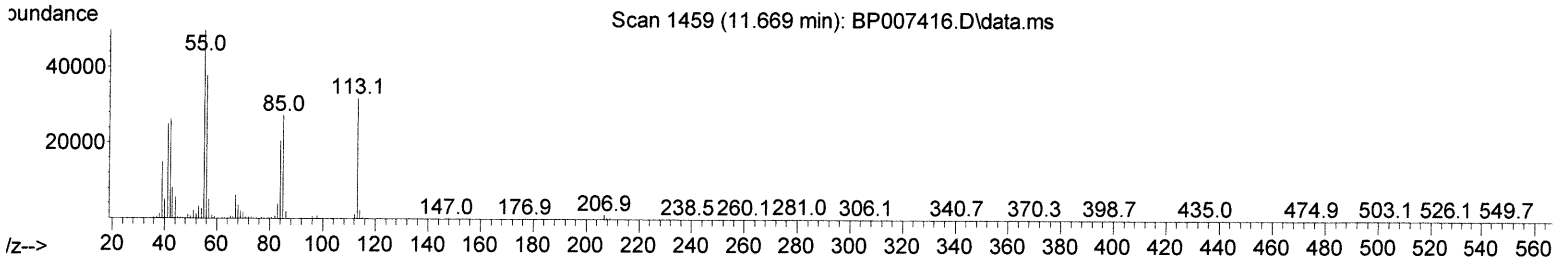

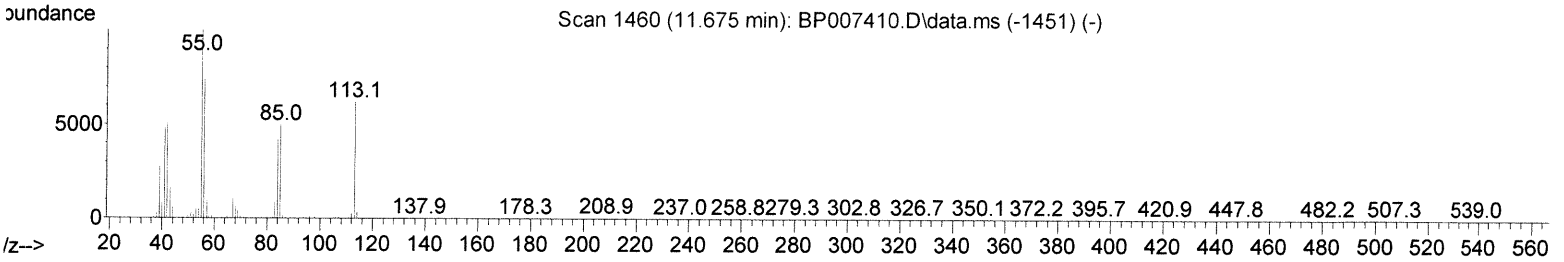

TIC: BP007416.D\data.ms

(34) Caprolactam

11.669min (-0.006) 36.24 ng/ul m

JG 10/19/21

response 102545

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	162.60	156.15
56.00	120.30	118.95
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	7.963	152	186983	20.000	ng/ul	0.00
20) Naphthalene-d8	10.769	136	761290	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.598	164	485844	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.345	188	1026564	20.000	ng/ul	-0.01
79) Chrysene-d12	21.433	240	987320	20.000	ng/ul	-0.01
88) Perylene-d12	23.880	264	1067507	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	29007	6.127	ng/uL	0.00
4) Pyridine-d5	3.793	84	394265	30.423	ng/ul	0.00
7) Phenol-d5	7.116	99	485568	33.253	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.293	67	291307	33.447	ng/ul	0.00
11) 2-Chlorophenol-d4	7.493	132	385214	33.533	ng/ul	0.00
15) 4-Methylphenol-d8	8.669	113	391725	34.827	ng/ul	0.00
21) Nitrobenzene-d5	9.122	128	175210	36.367	ng/ul	0.00
24) 2-Nitrophenol-d4	9.846	143	172727	38.383	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.387	165	381283	34.737	ng/ul	0.00
31) 4-Chloroaniline-d4	10.899	131	455448	30.684	ng/ul	0.00
46) Dimethylphthalate-d6	14.004	166	1127432	33.542	ng/ul	-0.01
49) Acenaphthylene-d8	14.287	160	1397976	33.094	ng/ul	0.00
54) 4-Nitrophenol-d4	14.775	143	190493	35.320	ng/ul	0.00
60) Fluorene-d10	15.587	176	949592	33.759	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.698	200	132783	32.281	ng/ul	0.00
73) Anthracene-d10	17.445	188	1447437	33.201	ng/ul	-0.01
81) Pyrene-d10	19.675	212	1704499	34.534	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.721	264	1692854	31.870	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.422	88	57314	11.129	ng/uL	94
5) Pyridine	3.817	79	384477	30.675	ng/ul	98
6) Benzaldehyde	7.093	77	316659	38.596	ng/ul	99
8) Phenol	7.146	94	484415	32.446	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.381	93	392439	32.570	ng/ul	99
12) 2-Chlorophenol	7.522	128	381910	32.383	ng/ul	99
13) 2-Methylphenol	8.399	108	371123	33.000	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.499	45	499312	32.519	ng/ul	99
16) Acetophenone	8.787	105	576392	33.499	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.775	70	294115	33.040	ng/ul	99
18) 4-Methylphenol	8.728	108	399162	33.324	ng/ul	100
19) Hexachloroethane	9.052	117	157711	31.940	ng/ul	99
22) Nitrobenzene	9.163	77	424500	34.317	ng/ul	99
23) Isophorone	9.693	82	851690	32.889	ng/ul	98
25) 2-Nitrophenol	9.875	139	192933	36.986	ng/ul	98
26) 2,4-Dimethylphenol	9.940	107	444261	33.357	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.181	93	519984	32.406	ng/ul	99
29) 2,4-Dichlorophenol	10.410	162	363414	33.685	ng/ul	98
30) Naphthalene	10.822	128	1190187	32.146	ng/ul	100
32) 4-Chloroaniline	10.922	127	440364	29.320	ng/ul	99
33) Hexachlorobutadiene	11.122	225	245807	32.452	ng/ul	99
34) Caprolactam	11.669	113	102545m	36.235	ng/ul	> JU 10/19/21
35) 4-Chloro-3-methylphenol	12.046	107	400004	34.131	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.428	142	823284	32.535	ng/ul	98
37) 1-Methylnaphthalene	12.646	142	828113	32.328	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.798	216	452116	32.194	ng/ul	98
40) Hexachlorocyclopentadiene	12.787	237	274362	30.983	ng/ul	98
41) 2,4,6-Trichlorophenol	13.028	196	284071	34.400	ng/ul	97
42) 2,4,5-Trichlorophenol	13.098	196	305796	35.569	ng/ul	97
43) 1,1'-Biphenyl	13.434	154	1101695	31.815	ng/ul	100
44) 2-Chloronaphthalene	13.475	162	838635	31.443	ng/ul	98
45) 2-Nitroaniline	13.669	65	220166	35.504	ng/ul	92
47) Dimethylphthalate	14.057	163	1074962	32.197	ng/ul	100
48) 2,6-Dinitrotoluene	14.163	165	200027	36.129	ng/ul	98
50) Acenaphthylene	14.316	152	1356265	31.845	ng/ul	100
51) 3-Nitroaniline	14.487	138	191954	31.116	ng/ul	99
52) Acenaphthene	14.663	153	873109	31.658	ng/ul	99
53) 2,4-Dinitrophenol	14.692	184	79388	31.041	ng/ul	93
55) 4-Nitrophenol	14.792	109	161410	33.126	ng/ul	98
56) Dibenzofuran	14.992	168	1268439	31.675	ng/ul	99
57) 2,4-Dinitrotoluene	14.951	165	283777	36.493	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.222	232	248548	34.839	ng/ul	96
59) Diethylphthalate	15.422	149	1074775	32.286	ng/ul	100
61) Fluorene	15.645	166	950757	31.336	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.645	204	484193	31.342	ng/ul	100
63) 4-Nitroaniline	15.651	138	201581	36.859	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.710	198	135554	31.858	ng/ul	93
67) N-Nitrosodiphenylamine	15.851	169	880976	31.876	ng/ul	100
68) 4-Bromophenyl-phenylether	16.539	248	297080	32.126	ng/ul	98
69) Hexachlorobenzene	16.657	284	355950	32.000	ng/ul	97
70) Atrazine	16.810	200	338462	32.349	ng/ul	99
71) Pentachlorophenol	16.992	266	202081	32.818	ng/ul	99
72) Phenanthrene	17.392	178	1632625	31.813	ng/ul	100
74) Anthracene	17.481	178	1606620	31.301	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.398	216	456262	30.643	ng/uL	98
76) Pentachlorobenzene	14.916	250	426125	30.701	ng/uL	99
77) Carbazole	17.745	167	1512395	33.544	ng/ul	100
78) Di-n-butylphthalate	18.310	149	1846414	33.336	ng/ul	100
80) Fluoranthene	19.351	202	1997710	32.619	ng/ul	99
82) Pyrene	19.704	202	1986314	32.163	ng/ul	100
83) Butylbenzylphthalate	20.586	149	797375	35.167	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.345	252	599399	31.908	ng/ul	98
85) Benzo(a)anthracene	21.416	228	1958213	32.280	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.357	149	1204595	34.750	ng/ul	99
87) Chrysene	21.469	228	1859826	31.648	ng/ul	99
89) Di-n-octyl phthalate	22.304	149	2072971	34.414	ng/ul	100
90) Benzo(b)fluoranthene	23.133	252	2040769	31.410	ng/ul	99
91) Benzo(k)fluoranthene	23.186	252	1944784	32.101	ng/ul	99
93) Benzo(a)pyrene	23.774	252	1988532	31.996	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.445	276	2324827	32.290	ng/ul	99
95) Dibenzo(a,h)anthracene	26.474	278	1976067	32.232	ng/ul	99
96) Benzo(g,h,i)perylene	27.233	276	2007412	32.374	ng/ul	98

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