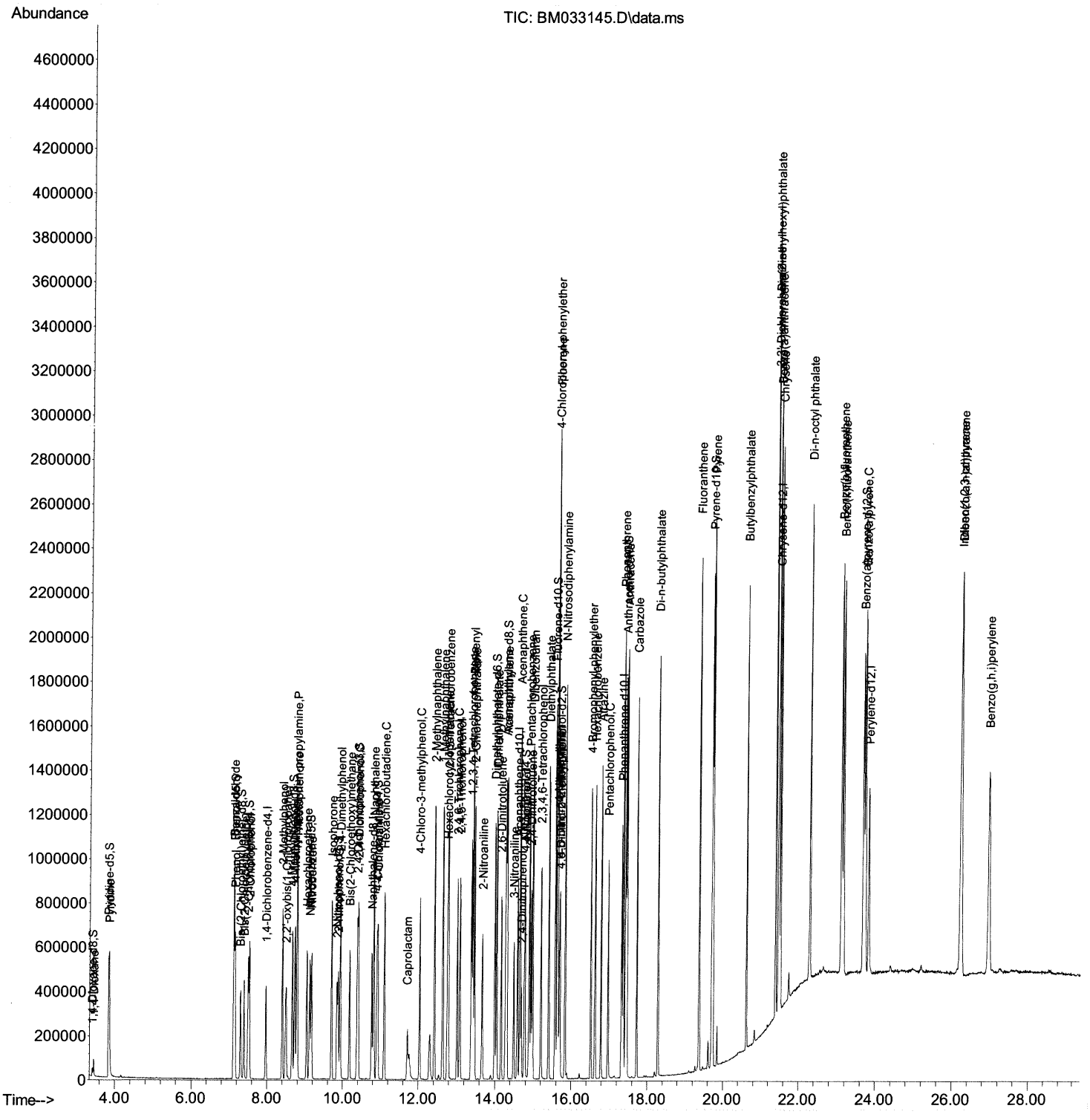
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111721\
Data File : BM033145.D
Acq On : 18 Nov 2021 07:10
Operator : CG/JU
Sample : PB140810BS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Nov 18 07:46:19 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM111721.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 17 14:14:11 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SLCS810

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 11/18/2021
Supervised By :mohammad ahmed 11/26/2021



Quantitation Report (Qedit)

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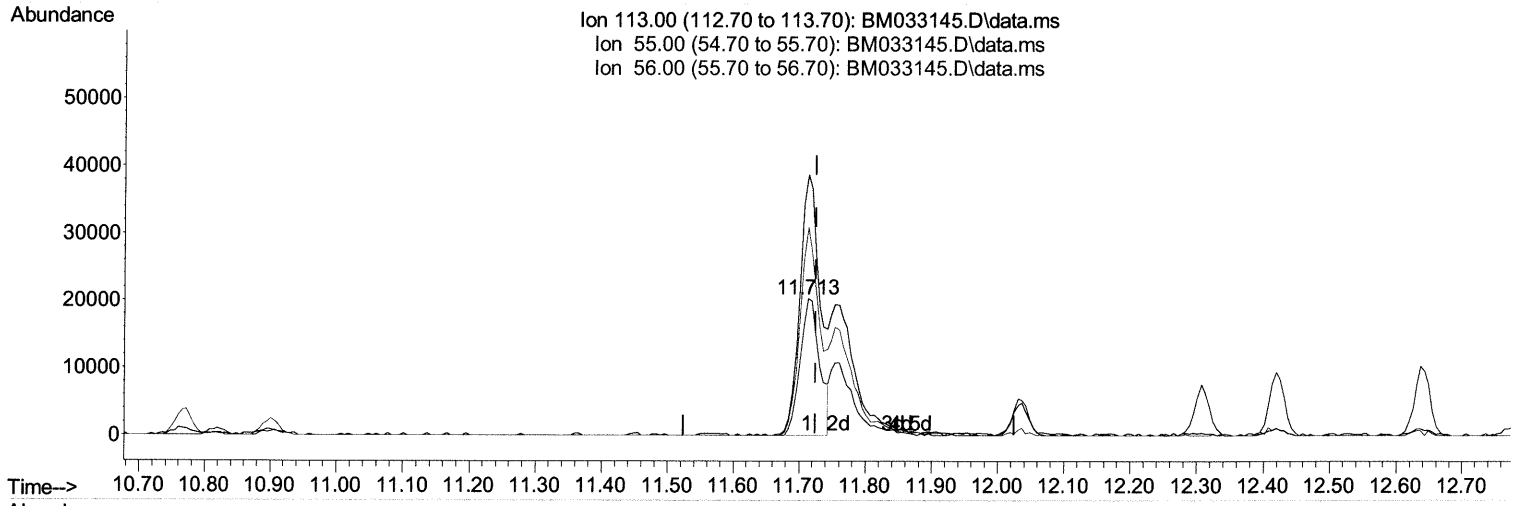

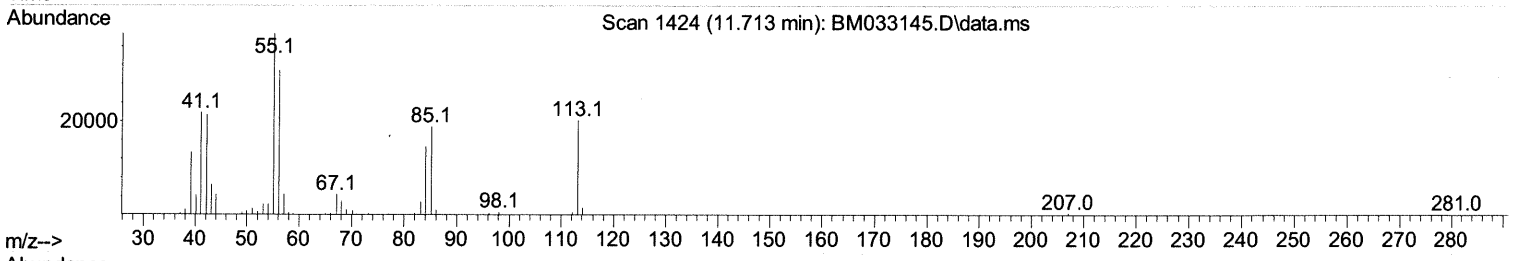

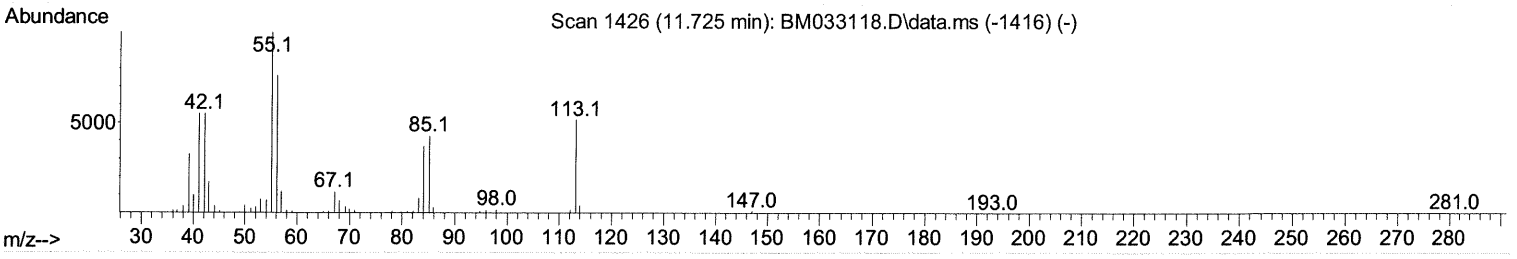

TIC: BM033145.D\data.ms

(34) Caprolactam

11.713min (-0.012) 19.87 ng/ul

response 41716

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	196.60	190.96
56.00	147.80	152.23
0.00	0.00	0.00

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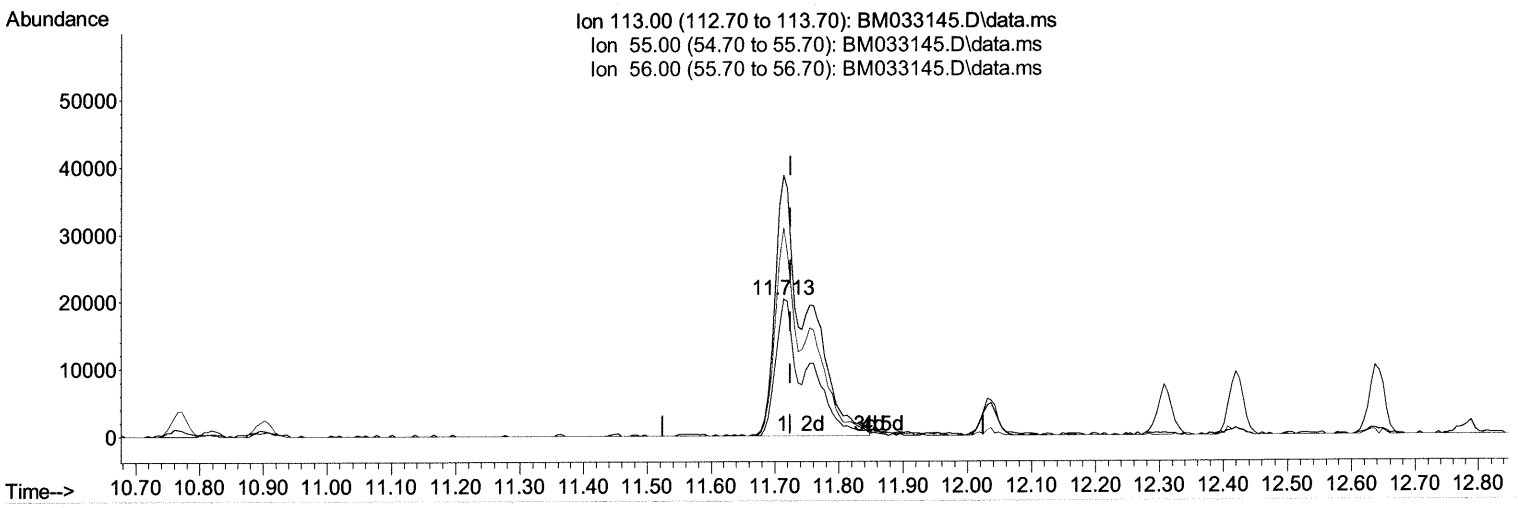

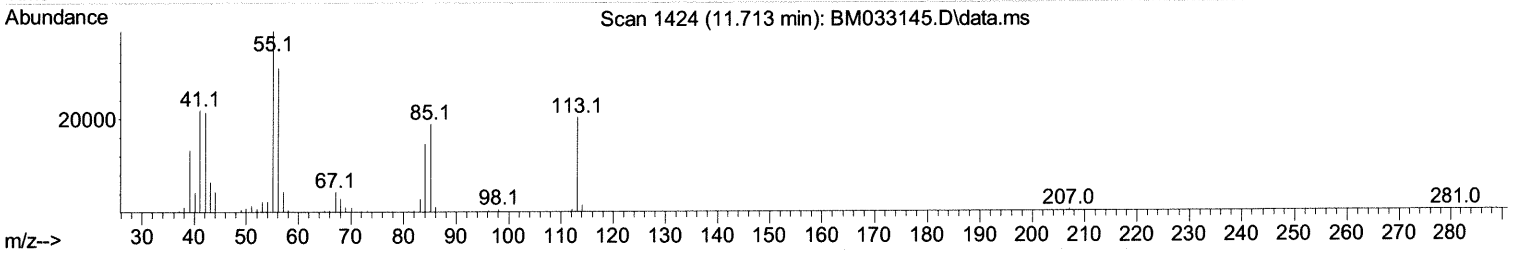

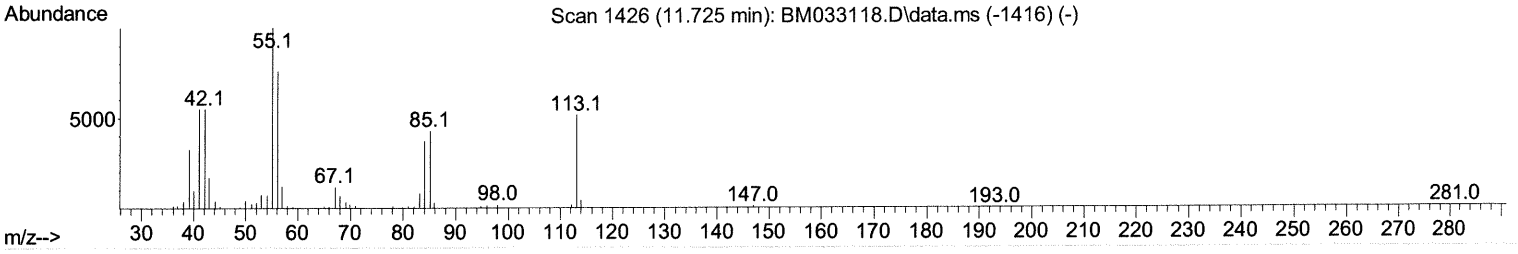

TIC: BM033145.D\data.ms

(34) Caprolactam

11.713min (-0.012) 32.32 ng/ul m 11/24/21 JU

response 67841

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	196.60	190.96
56.00	147.80	152.23
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.972	152	109381	20.000	ng/ul	0.00
20) Naphthalene-d8	10.766	136	457292	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.589	164	314534	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.324	188	668358	20.000	ng/ul	0.00
79) Chrysene-d12	21.477	240	643790	20.000	ng/ul	0.00
88) Perylene-d12	23.824	264	623694	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.419	96	16342	5.760	ng/uL	0.00
4) Pyridine-d5	3.837	84	226156	28.937	ng/ul	-0.01
7) Phenol-d5	7.125	99	287340	31.057	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.301	67	185295	31.575	ng/ul	0.00
11) 2-Chlorophenol-d4	7.501	132	221686	31.635	ng/ul	0.00
15) 4-Methylphenol-d8	8.666	113	226790	31.585	ng/ul	0.00
21) Nitrobenzene-d5	9.131	128	109954	33.490	ng/ul	0.00
24) 2-Nitrophenol-d4	9.848	143	115524	35.134	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.384	165	241546	32.078	ng/ul	0.00
31) 4-Chloroaniline-d4	10.901	131	278309	27.793	ng/ul	0.00
46) Dimethylphthalate-d6	13.995	166	743642	32.233	ng/ul	-0.01
49) Acenaphthylene-d8	14.283	160	933899	31.421	ng/ul	0.00
54) 4-Nitrophenol-d4	14.771	143	124929	33.244	ng/ul	0.00
60) Fluorene-d10	15.577	176	662925	32.032	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.689	200	107818	34.326	ng/ul	0.00
73) Anthracene-d10	17.424	188	1034819	32.120	ng/ul	0.00
81) Pyrene-d10	19.701	212	1196851	31.459	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.677	264	1094224	32.690	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.455	88	33181	11.518	ng/uL	93
5) Pyridine	3.860	79	230075	28.849	ng/ul	98
6) Benzaldehyde	7.113	77	177260	33.616	ng/ul	97
8) Phenol	7.148	94	295246	32.045	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.395	93	234293	32.012	ng/ul	99
12) 2-Chlorophenol	7.531	128	234625	32.438	ng/ul	99
13) 2-Methylphenol	8.401	108	224494	31.807	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.495	45	378368	33.472	ng/ul	99
16) Acetophenone	8.795	105	367991	32.469	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.778	70	206132	33.757	ng/ul	98
18) 4-Methylphenol	8.731	108	242767	32.811	ng/ul	99
19) Hexachloroethane	9.048	117	104556	31.731	ng/ul	96
22) Nitrobenzene	9.172	77	295455	32.246	ng/ul	99
23) Isophorone	9.701	82	552955	33.018	ng/ul	99
25) 2-Nitrophenol	9.884	139	124578	35.744	ng/ul	92
26) 2,4-Dimethylphenol	9.936	107	291434	31.825	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.178	93	322232	32.333	ng/ul	98
29) 2,4-Dichlorophenol	10.407	162	238913	32.721	ng/ul	97
30) Naphthalene	10.819	128	768227	31.592	ng/ul	99
32) 4-Chloroaniline	10.925	127	280262	27.705	ng/ul	97
33) Hexachlorobutadiene	11.095	225	173373	30.483	ng/ul	98
34) Caprolactam	11.713	113	67841m>	32.318	ng/ul	> 11/29/21
35) 4-Chloro-3-methylphenol	12.036	107	267024	33.584	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.419	142	552404	32.786	ng/ul	100
37) 1-Methylnaphthalene	12.636	142	557846	32.434	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.783	216	317057	30.298	ng/ul	98
40) Hexachlorocyclopentadiene	12.760	237	215420	29.256	ng/ul	97
41) 2,4,6-Trichlorophenol	13.019	196	200274	32.496	ng/ul	94
42) 2,4,5-Trichlorophenol	13.089	196	219656	33.238	ng/ul	97
43) 1,1'-Biphenyl	13.425	154	759211	30.980	ng/ul	98
44) 2-Chloronaphthalene	13.466	162	581795	30.784	ng/ul	98
45) 2-Nitroaniline	13.672	65	182216	36.580	ng/ul	98
47) Dimethylphthalate	14.042	163	729480	32.442	ng/ul	98
48) 2,6-Dinitrotoluene	14.160	165	142686	37.088	ng/ul	94
50) Acenaphthylene	14.313	152	942936	31.264	ng/ul	99
51) 3-Nitroaniline	14.489	138	123965	31.980	ng/ul#	93
52) Acenaphthene	14.654	153	623269	31.678	ng/ul	98
53) 2,4-Dinitrophenol	14.689	184	71097	36.206	ng/ul	90
55) 4-Nitrophenol	14.783	109	124834	32.524	ng/ul	99
56) Dibenzofuran	14.983	168	919632	31.891	ng/ul	98
57) 2,4-Dinitrotoluene	14.942	165	206502	39.028	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.207	232	185972	34.476	ng/ul	98
59) Diethylphthalate	15.401	149	749976	33.300	ng/ul	98
61) Fluorene	15.630	166	737509	32.176	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.624	204	388017	32.434	ng/ul	99
63) 4-Nitroaniline	15.648	138	139233	36.528	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.701	198	111293	35.352	ng/ul	96
67) N-Nitrosodiphenylamine	15.836	169	637787	32.445	ng/ul	99
68) 4-Bromophenyl-phenylether	16.518	248	239051	32.163	ng/ul	98
69) Hexachlorobenzene	16.624	284	270188	31.732	ng/ul	96
70) Atrazine	16.783	200	239703	31.557	ng/ul	97
71) Pentachlorophenol	16.965	266	161120	32.736	ng/ul	99
72) Phenanthrene	17.365	178	1191694	32.189	ng/ul	98
74) Anthracene	17.460	178	1210920	32.616	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.389	216	323269	29.447	ng/uL	98
76) Pentachlorobenzene	14.901	250	320331	29.764	ng/uL	99
77) Carbazole	17.724	167	1065070	32.292	ng/ul	99
78) Di-n-butylphthalate	18.283	149	1296328	35.944	ng/ul	99
80) Fluoranthene	19.365	202	1412921	31.701	ng/ul	97
82) Pyrene	19.730	202	1441875	31.862	ng/ul	98
83) Butylbenzylphthalate	20.618	149	549960	35.570	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.395	252	435218	30.007	ng/ul	98
85) Benzo(a)anthracene	21.459	228	1345945	32.324	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.389	149	787915	35.953	ng/ul	99
87) Chrysene	21.512	228	1306778	32.136	ng/ul	99
89) Di-n-octyl phthalate	22.295	149	1333841	35.099	ng/ul	100
90) Benzo(b)fluoranthene	23.112	252	1382579	32.914	ng/ul	99
91) Benzo(k)fluoranthene	23.159	252	1274152	33.113	ng/ul	98
93) Benzo(a)pyrene	23.724	252	1300108	32.750	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.230	276	1433315	32.423	ng/ul#	95
95) Dibenzo(a,h)anthracene	26.241	278	1228324	32.478	ng/ul	98
96) Benzo(g,h,i)perylene	26.971	276	1238265	32.272	ng/ul	98

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