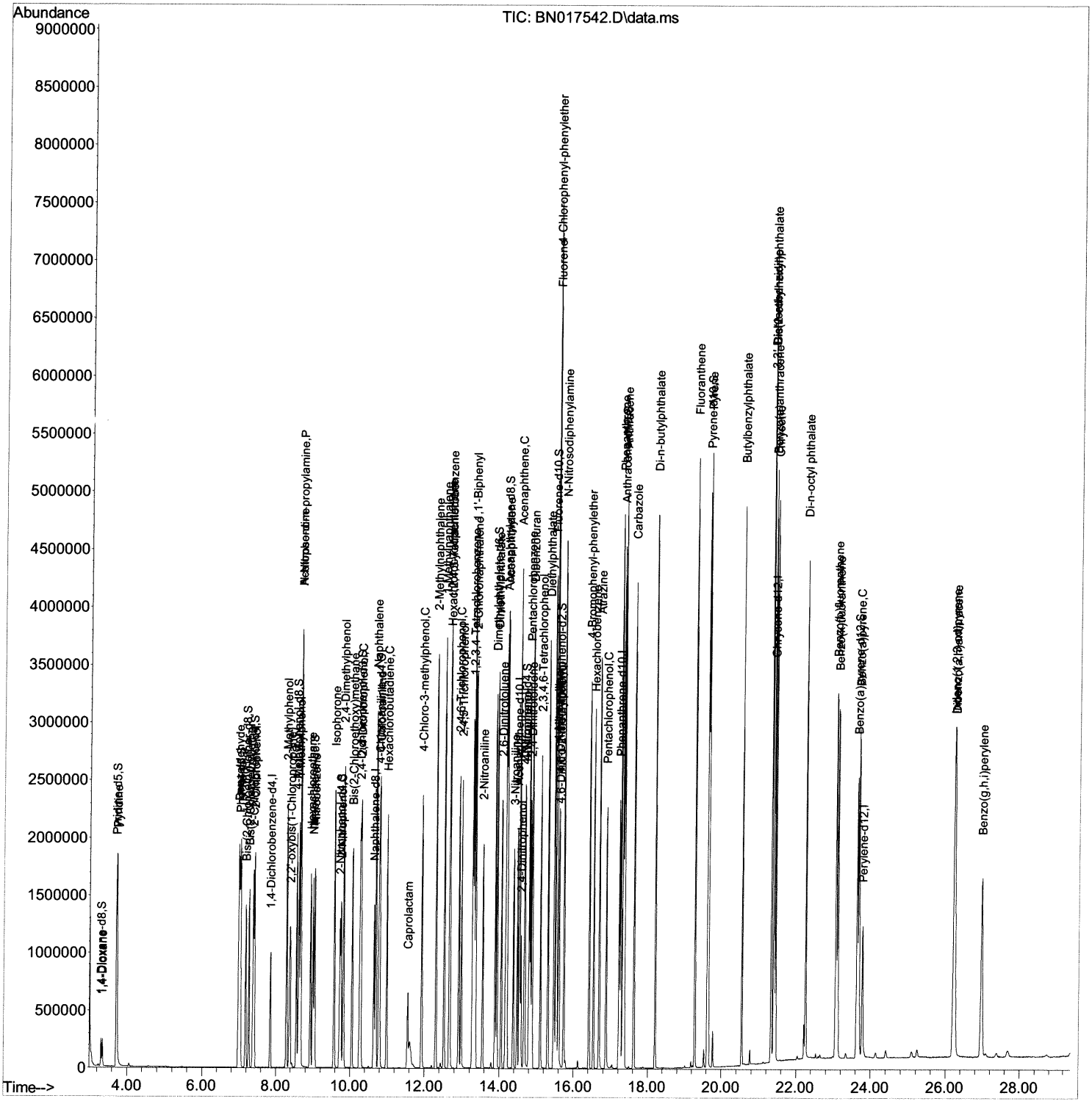
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112221\
Data File : BN017542.D
Acq On : 22 Nov 2021 12:14
Operator : CG/JU
Sample : SSTD04048
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 22 14:52:41 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN112221.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 22 14:49:39 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTD040248

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 11/22/2021
Supervised By :mohammad ahmed 11/24/2021



Quantitation Report (Qedit)

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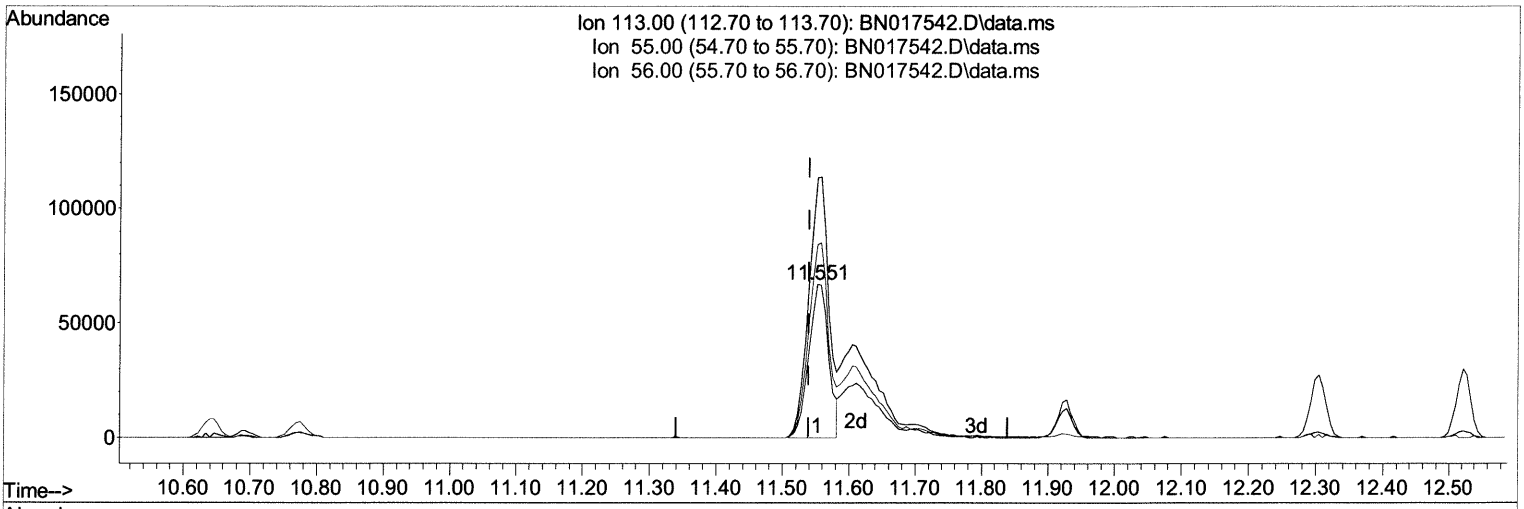

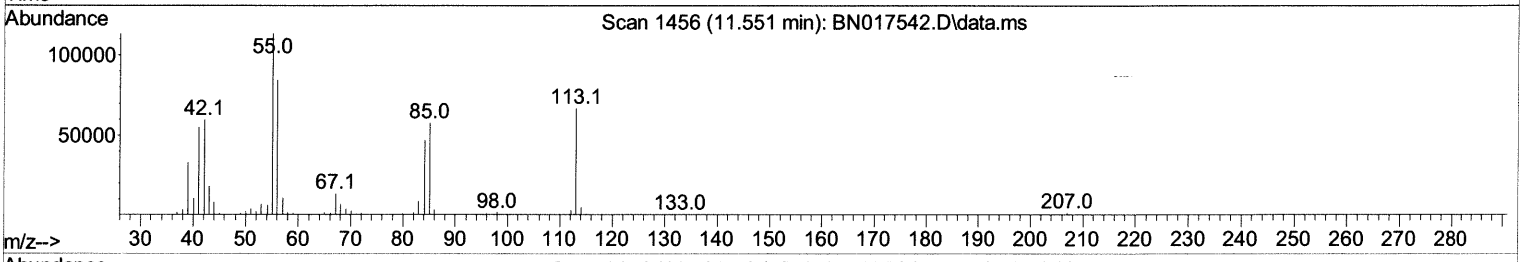

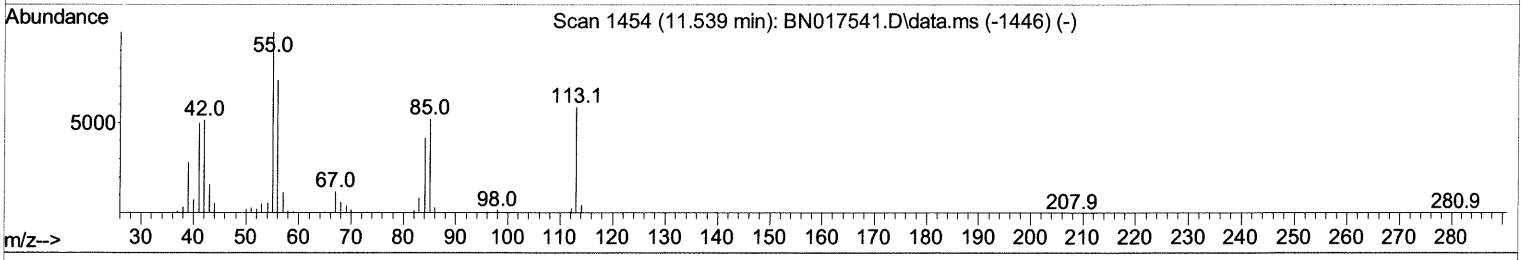

TIC: BN017542.D\data.ms

(34) Caprolactam

11.551min (+ 0.012) 21.52 ng/ul

response 139283

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	176.80	169.69
56.00	129.90	125.99
0.00	0.00	0.00

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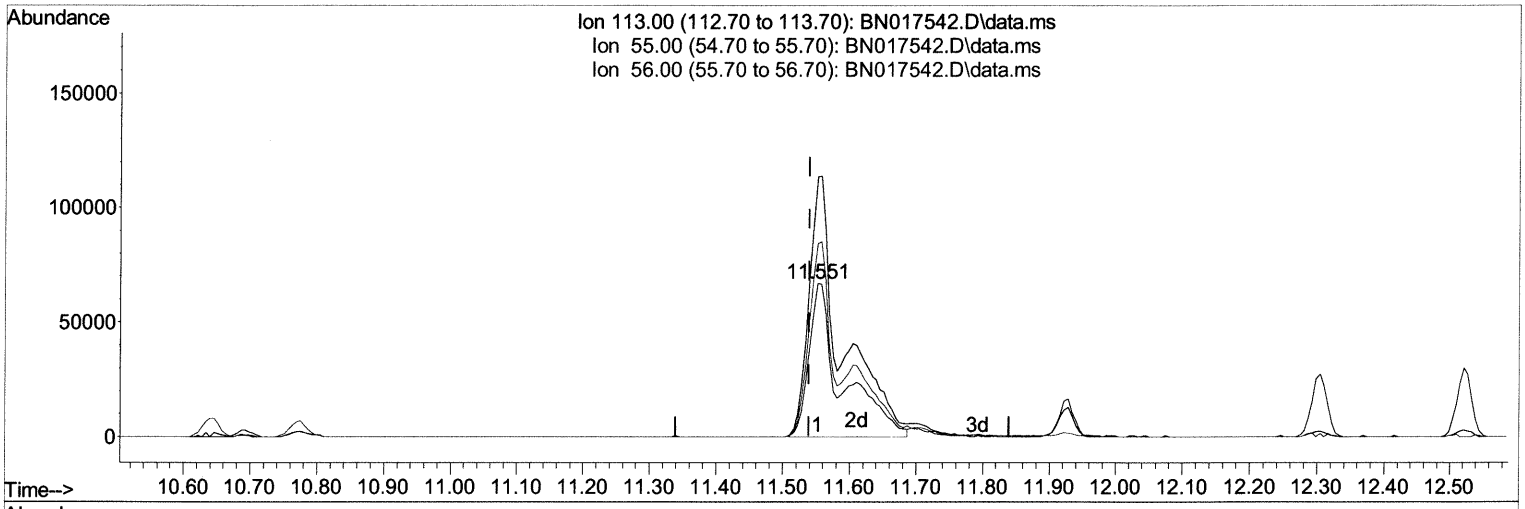

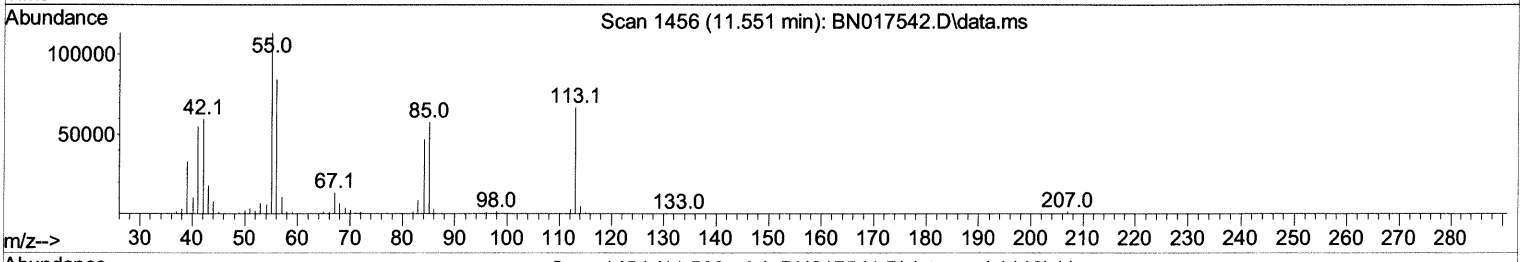

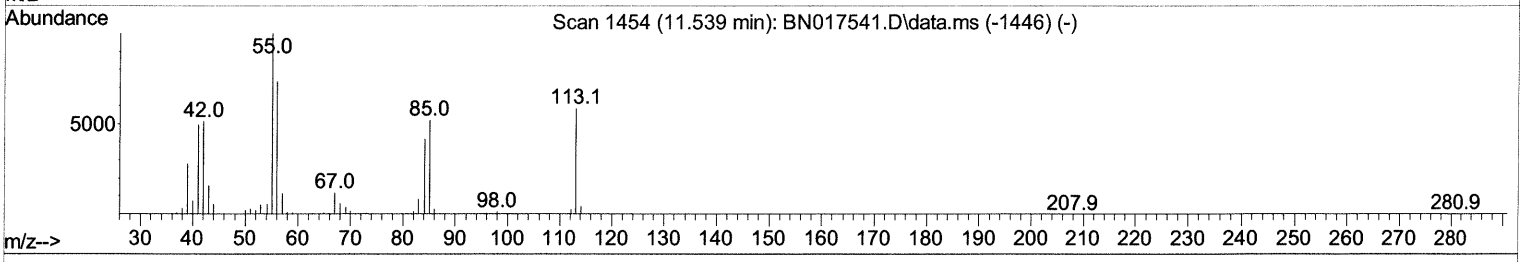

TIC: BN017542.D\data.ms

(34) Caprolactam

11.551min (+ 0.012) 35.38 ng/ul m 11/ 30/21JU

response 228960

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	176.80	169.69
56.00	129.90	125.99
0.00	0.00	0.00

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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	7.846	152	260548	20.000	ng/ul	0.00
20) Naphthalene-d8	10.640	136	1152989	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.481	164	702697	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.222	188	1362758	20.000	ng/ul	0.00
79) Chrysene-d12	21.410	240	915799	20.000	ng/ul	0.00
88) Perylene-d12	23.774	264	778582	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	115073	15.998	ng/uL	0.00
4) Pyridine-d5	3.705	84	795331	41.282	ng/ul	0.00
7) Phenol-d5	7.011	99	986621	40.751	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.175	67	607576	42.280	ng/ul	0.00
11) 2-Chlorophenol-d4	7.375	132	758796	39.853	ng/ul	0.00
15) 4-Methylphenol-d8	8.552	113	786640	39.801	ng/ul	0.00
21) Nitrobenzene-d5	8.999	128	379645	42.517	ng/ul	0.00
24) 2-Nitrophenol-d4	9.722	143	390344	39.487	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.263	165	720055	39.759	ng/ul	0.00
31) 4-Chloroaniline-d4	10.775	131	1032926	38.294	ng/ul	0.00
46) Dimethylphthalate-d6	13.892	166	2116694	40.237	ng/ul	0.00
49) Acenaphthylene-d8	14.175	160	2688230	40.537	ng/ul	0.00
54) 4-Nitrophenol-d4	14.675	143	376571	36.279	ng/ul	0.01
60) Fluorene-d10	15.475	176	1688539	37.580	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.592	200	296816	33.636	ng/ul	0.00
73) Anthracene-d10	17.322	188	2545811	38.693	ng/ul	0.00
81) Pyrene-d10	19.616	212	2592086	48.261	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.627	264	1732807	41.876	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.340	88	116578	16.389	ng/uL	95
5) Pyridine	3.728	79	796394	40.847	ng/ul	91
6) Benzaldehyde	6.981	77	627179	43.477	ng/ul	92
8) Phenol	7.034	94	997279	40.718	ng/ul	93
10) Bis(2-Chloroethyl)ether	7.269	93	816847	42.444	ng/ul	98
12) 2-Chlorophenol	7.410	128	775352	39.379	ng/ul	97
13) 2-Methylphenol	8.287	108	763699	40.984	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.381	45	1095045	38.785	ng/ul	96
16) Acetophenone	8.663	105	1167641	39.863	ng/ul	93
17) N-Nitroso-di-n-propyla...	8.663	70	621412	42.261	ng/ul	94
18) 4-Methylphenol	8.616	108	816092	39.642	ng/ul	99
19) Hexachloroethane	8.928	117	322838	42.575	ng/ul	94
22) Nitrobenzene	9.040	77	922250	45.931	ng/ul	94
23) Isophorone	9.569	82	1777532	43.602	ng/ul	96
25) 2-Nitrophenol	9.752	139	420766	39.093	ng/ul#	89
26) 2,4-Dimethylphenol	9.816	107	909803	42.179	ng/ul	94
27) Bis(2-Chloroethoxy)met...	10.057	93	1096799	42.063	ng/ul	98
29) 2,4-Dichlorophenol	10.287	162	704634	39.175	ng/ul	98
30) Naphthalene	10.693	128	2470141	39.377	ng/ul	100
32) 4-Chloroaniline	10.799	127	1044903	39.158	ng/ul	99
33) Hexachlorobutadiene	10.993	225	458824	41.891	ng/ul	95
34) Caprolactam	11.551	113	228960m	35.377	ng/ul	11/30/21
35) 4-Chloro-3-methylphenol	11.928	107	823643	41.157	ng/ul	95

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.304	142	1652959	38.167 ng/ul	100
37) 1-Methylnaphthalene	12.522	142	1668961	37.410 ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.675	216	821190	40.094 ng/ul#	95
40) Hexachlorocyclopentadiene	12.663	237	525460	40.367 ng/ul	96
41) 2,4,6-Trichlorophenol	12.910	196	550254	41.435 ng/ul	98
42) 2,4,5-Trichlorophenol	12.981	196	590900	39.957 ng/ul	98
43) 1,1'-Biphenyl	13.316	154	2181482	40.096 ng/ul	100
44) 2-Chloronaphthalene	13.357	162	1666494	40.219 ng/ul	95
45) 2-Nitroaniline	13.551	65	533516	47.300 ng/ul	92
47) Dimethylphthalate	13.940	163	2060059	38.992 ng/ul	99
48) 2,6-Dinitrotoluene	14.051	165	434448	41.877 ng/ul	91
50) Acenaphthylene	14.204	152	2668150	39.284 ng/ul	100
51) 3-Nitroaniline	14.381	138	451972	37.640 ng/ul	95
52) Acenaphthene	14.545	153	1712301	38.986 ng/ul	99
53) 2,4-Dinitrophenol	14.581	184	205665	30.995 ng/ul	93
55) 4-Nitrophenol	14.687	109	324029	44.237 ng/ul#	85
56) Dibenzofuran	14.881	168	2427984	38.719 ng/ul	97
57) 2,4-Dinitrotoluene	14.839	165	599631	40.078 ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.104	232	436738	35.775 ng/ul	96
59) Diethylphthalate	15.310	149	2120436	40.249 ng/ul	98
61) Fluorene	15.528	166	1759174	35.590 ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.522	204	871053	35.838 ng/ul	90
63) 4-Nitroaniline	15.545	138	396281	33.399 ng/ul#	87
66) 4,6-Dinitro-2-methylph...	15.604	198	295329	33.544 ng/ul#	88
67) N-Nitrosodiphenylamine	15.734	169	1651704	39.820 ng/ul	98
68) 4-Bromophenyl-phenylether	16.416	248	541776	37.307 ng/ul#	89
69) Hexachlorobenzene	16.539	284	573488	33.936 ng/ul	92
70) Atrazine	16.686	200	624018	41.000 ng/ul	97
71) Pentachlorophenol	16.875	266	347767	34.279 ng/ul	94
72) Phenanthrene	17.269	178	2905107	38.691 ng/ul	98
74) Anthracene	17.357	178	2883807	37.927 ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.281	216	856771	43.008 ng/uL	97
76) Pentachlorobenzene	14.804	250	771991	38.267 ng/uL	99
77) Carbazole	17.622	167	2599555	38.723 ng/ul	99
78) Di-n-butylphthalate	18.198	149	3348600	42.199 ng/ul	99
80) Fluoranthene	19.280	202	3149035	49.098 ng/ul	100
82) Pyrene	19.645	202	3066829	46.714 ng/ul	99
83) Butylbenzylphthalate	20.551	149	1266832	51.825 ng/ul	92
84) 3,3'-Dichlorobenzidine	21.327	252	748503	36.716 ng/ul	95
85) Benzo(a)anthracene	21.392	228	2503702	41.530 ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.339	149	1731929	46.944 ng/ul#	99
87) Chrysene	21.445	228	2422467	40.769 ng/ul	99
89) Di-n-octyl phthalate	22.251	149	2701896	47.480 ng/ul	100
90) Benzo(b)fluoranthene	23.063	252	2211090	42.066 ng/ul	95
91) Benzo(k)fluoranthene	23.110	252	2134138	41.741 ng/ul	98
93) Benzo(a)pyrene	23.674	252	2106534	41.650 ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.221	276	2238450	43.385 ng/ul	99
95) Dibenzo(a,h)anthracene	26.245	278	1913901	43.884 ng/ul	97
96) Benzo(g,h,i)perylene	26.974	276	1925336	44.567 ng/ul	100

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