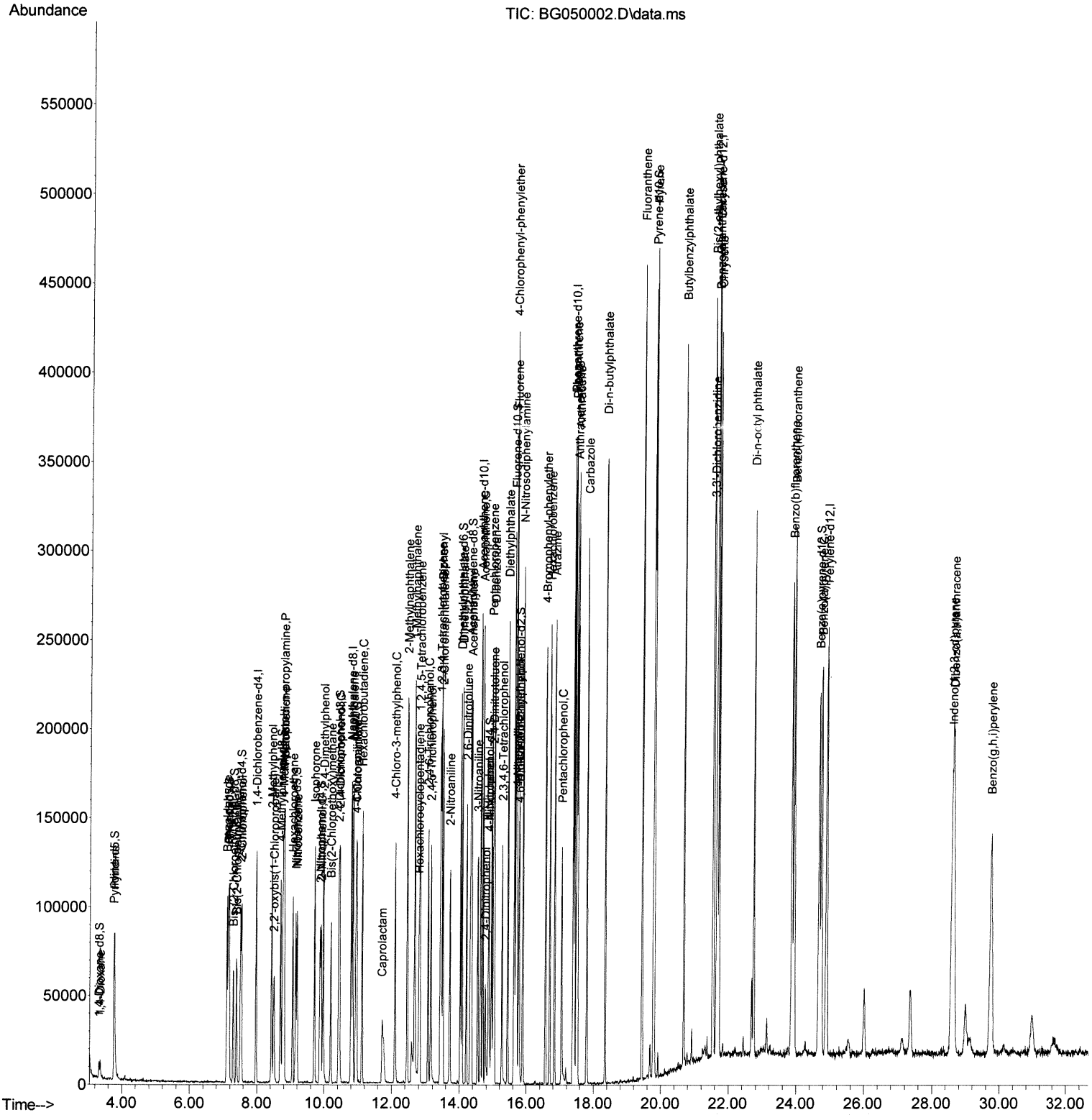
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082621\
Data File : BG050002.D
Acq On : 27 Aug 2021 17:26
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Aug 27 23:35:38 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 27 11:22:49 2021
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual Integrations APPROVED
mohammad
8/30/2021 10:32:42 AM



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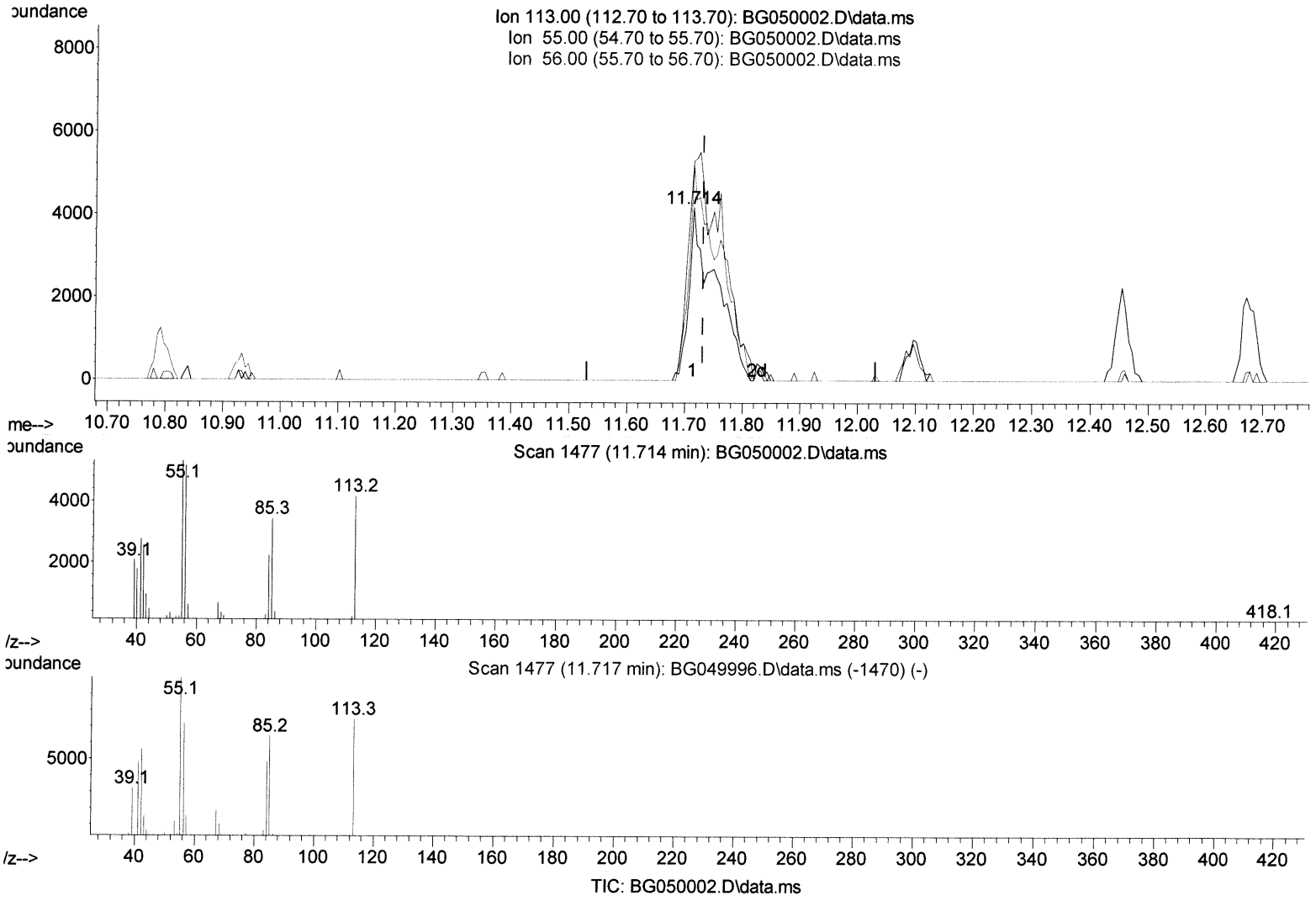

(34) Caprolactam

11.714min (-0.017) 8.18 ng/ul

response 6231

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	142.50	127.19
56.00	134.20	123.53
0.00	0.00	0.00

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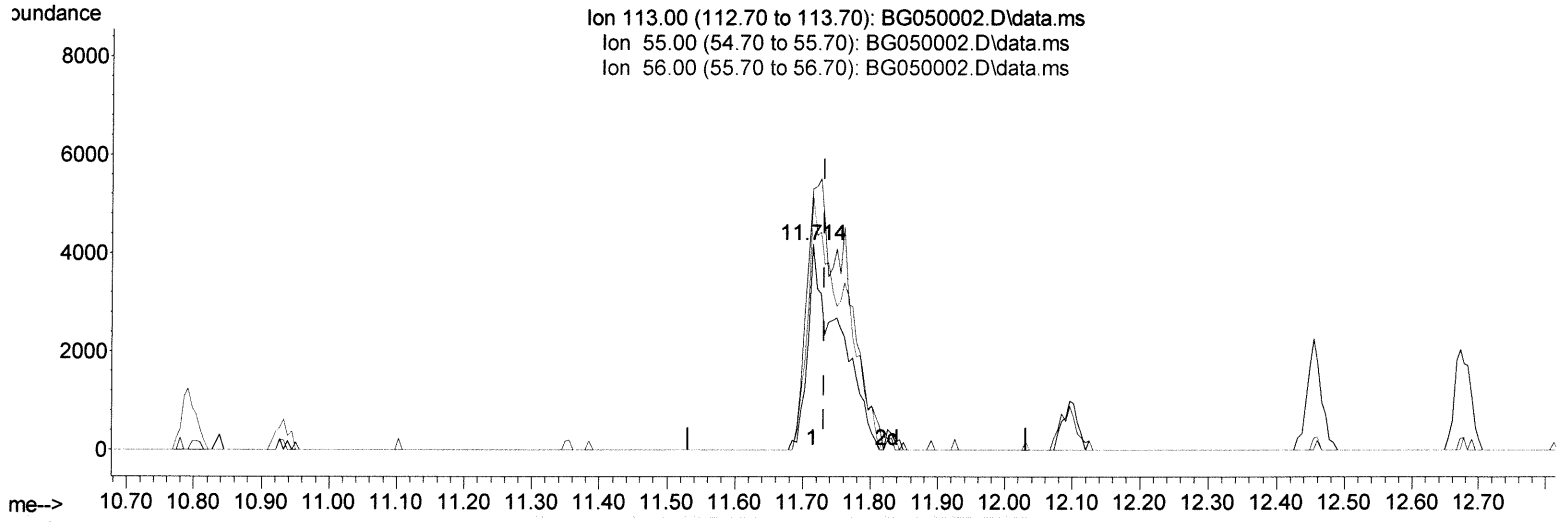

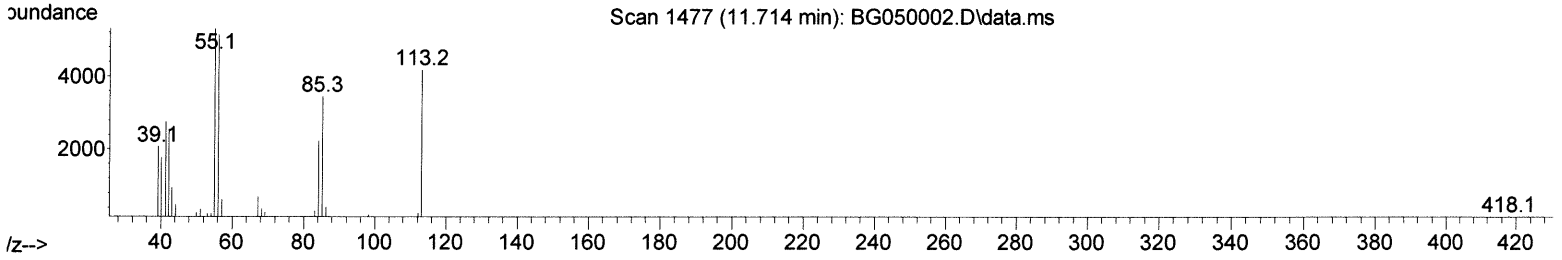

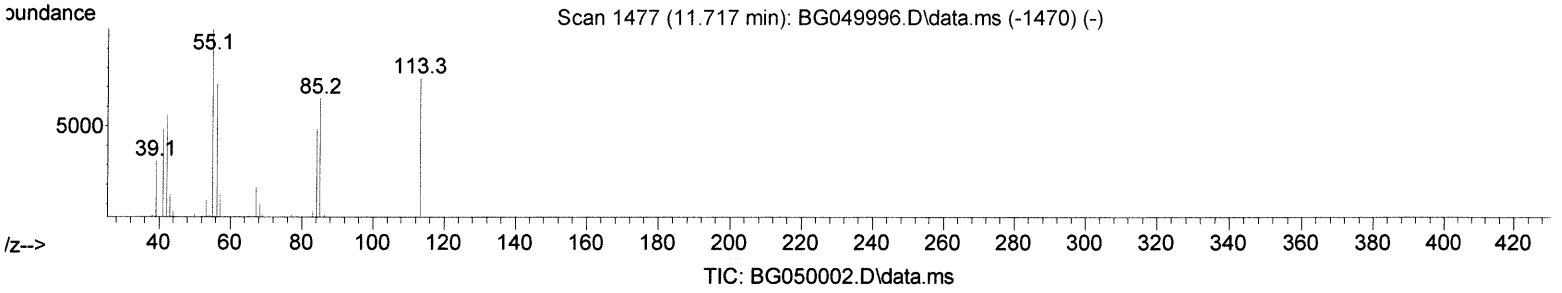

TIC: BG050002.D\data.ms

(34) Caprolactam

11.714min (-0.017) 17.87 ng/ul m

JU 8/31/21

response 13618

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	142.50	127.19
56.00	134.20	123.53
0.00	0.00	0.00

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Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.972	152	35208	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.792	136	143920	20.000	ng/ul	#-0.01
38) Acenaphthene-d10	14.633	164	96724	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.388	188	224509	20.000	ng/ul	0.00
79) Chrysene-d12	21.659	240	226656	20.000	ng/ul	0.00
88) Perylene-d12	24.890	264	225796	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.325	96	5518	8.082	ng/uL	-0.02
4) Pyridine-d5	3.754	84	38322	18.634	ng/ul	-0.02
7) Phenol-d5	7.144	99	55604	18.598	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.290	67	29648	17.850	ng/ul	-0.02
11) 2-Chlorophenol-d4	7.502	132	43028	19.234	ng/ul	-0.01
15) 4-Methylphenol-d8	8.700	113	43085	18.299	ng/ul	0.00
21) Nitrobenzene-d5	9.147	128	21568	19.330	ng/ul	0.00
24) 2-Nitrophenol-d4	9.875	143	25809	19.426	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.421	165	45234	19.088	ng/ul	0.00
31) 4-Chloroaniline-d4	10.933	131	56951	17.657	ng/ul	0.00
46) Dimethylphthalate-d6	14.034	166	138495	18.709	ng/ul	0.00
49) Acenaphthylene-d8	14.328	160	162507	18.723	ng/ul	0.00
54) 4-Nitrophenol-d4	14.863	143	19789	18.477	ng/ul	0.00
60) Fluorene-d10	15.626	176	121549	19.367	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.761	200	24169	16.733	ng/ul	0.00
73) Anthracene-d10	17.482	188	196699	19.511	ng/ul	-0.01
81) Pyrene-d10	19.773	212	233167	19.037	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.667	264	231623	19.336	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.360	88	5890	7.076	ng/uL	94
5) Pyridine	3.772	79	41187	18.530	ng/ul	91
6) Benzaldehyde	7.102	77	39114	22.735	ng/ul	94
8) Phenol	7.167	94	55294	18.310	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.384	93	39455	18.926	ng/ul	96
12) 2-Chlorophenol	7.537	128	43089	19.493	ng/ul#	90
13) 2-Methylphenol	8.430	108	42677	18.318	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.501	45	41491	18.980	ng/ul	97
16) Acetophenone	8.800	105	71472	18.613	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.782	70	35435	18.378	ng/ul#	95
18) 4-Methylphenol	8.765	108	45367	18.101	ng/ul	92
19) Hexachloroethane	9.059	117	19223	19.870	ng/ul	87
22) Nitrobenzene	9.188	77	57510	19.022	ng/ul	96
23) Isophorone	9.711	82	95492	17.727	ng/ul	95
25) 2-Nitrophenol	9.905	139	24919	19.292	ng/ul	89
26) 2,4-Dimethylphenol	9.969	107	55058	19.179	ng/ul	91
27) Bis(2-Chloroethoxy)met...	10.192	93	51348	18.459	ng/ul	98
29) 2,4-Dichlorophenol	10.451	162	41950	19.287	ng/ul	92
30) Naphthalene	10.844	128	138362	19.234	ng/ul#	95
32) 4-Chloroaniline	10.956	127	55422	17.842	ng/ul	90
33) Hexachlorobutadiene	11.121	225	33776	19.196	ng/ul	95
34) Caprolactam	11.714	113	13618m	17.874	ng/ul	
35) 4-Chloro-3-methylphenol	12.096	107	48010	18.469	ng/ul	91

JU 8/31/21

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.454	142	100403	18.776	ng/ul	94
37) 1-Methylnaphthalene	12.677	142	101469	18.799	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.824	216	55337	19.478	ng/ul#	96
40) Hexachlorocyclopentadiene	12.801	237	22708	17.860	ng/ul#	93
41) 2,4,6-Trichlorophenol	13.071	196	34979	19.321	ng/ul	87
42) 2,4,5-Trichlorophenol	13.153	196	35763	18.848	ng/ul	93
43) 1,1'-Biphenyl	13.464	154	126937	18.785	ng/ul	99
44) 2-Chloronaphthalene	13.506	162	101907	18.775	ng/ul	99
45) 2-Nitroaniline	13.717	65	36489	19.800	ng/ul	95
47) Dimethylphthalate	14.081	163	135236	18.460	ng/ul#	98
48) 2,6-Dinitrotoluene	14.210	165	29084	19.229	ng/ul	87
50) Acenaphthylene	14.357	152	149306	18.822	ng/ul	96
51) 3-Nitroaniline	14.545	138	30082	20.611	ng/ul	92
52) Acenaphthene	14.698	153	107326	18.651	ng/ul	99
53) 2,4-Dinitrophenol	14.769	184	14591	18.888	ng/ul#	81
55) 4-Nitrophenol	14.874	109	22744	16.750	ng/ul	96
56) Dibenzofuran	15.033	168	148127	18.588	ng/ul	98
57) 2,4-Dinitrotoluene	15.003	165	41699	19.167	ng/ul#	97
58) 2,3,4,6-Tetrachlorophenol	15.268	232	29900	19.016	ng/ul#	92
59) Diethylphthalate	15.444	149	142970	19.077	ng/ul	96
61) Fluorene	15.685	166	127788	19.007	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.673	204	66969	18.826	ng/ul	99
63) 4-Nitroaniline	15.708	138	32822	22.536	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.779	198	22689	17.331	ng/ul#	99
67) N-Nitrosodiphenylamine	15.885	169	113738	19.242	ng/ul	99
68) 4-Bromophenyl-phenylether	16.566	248	48640	19.585	ng/ul	94
69) Hexachlorobenzene	16.695	284	54828	19.118	ng/ul	94
70) Atrazine	16.836	200	53014	20.189	ng/ul	96
71) Pentachlorophenol	17.048	266	28838	23.747	ng/ul#	89
72) Phenanthrene	17.430	178	222039	19.838	ng/ul	100
74) Anthracene	17.518	178	226072	19.932	ng/ul#	94
75) 1,2,3,4-Tetrachloroben...	13.435	216	56610	18.794	ng/uL	97
76) Pentachlorobenzene	14.956	250	58773	18.414	ng/uL	96
77) Carbazole	17.794	167	203202	20.134	ng/ul	99
78) Di-n-butylphthalate	18.340	149	253842	19.666	ng/ul	97
80) Fluoranthene	19.439	202	290813	19.241	ng/ul	99
82) Pyrene	19.803	202	285717	19.077	ng/ul	99
83) Butylbenzylphthalate	20.678	149	113198	19.152	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.553	252	99828	18.580	ng/ul	93
85) Benzo(a)anthracene	21.642	228	267394	18.933	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.530	149	158987	19.587	ng/ul	99
87) Chrysene	21.706	228	256671	19.226	ng/ul	96
89) Di-n-octyl phthalate	22.734	149	258902	19.328	ng/ul	100
90) Benzo(b)fluoranthene	23.862	252	287565	19.910	ng/ul	99
91) Benzo(k)fluoranthene	23.927	252	259356	18.891	ng/ul	99
93) Benzo(a)pyrene	24.731	252	245717	19.589	ng/ul#	99
94) Indeno(1,2,3-cd)pyrene	28.591	276	320928	19.396	ng/ul#	98
95) Dibenzo(a,h)anthracene	28.638	278	267337	19.300	ng/ul	98
96) Benzo(g,h,i)perylene	29.742	276	267039	19.197	ng/ul	96

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