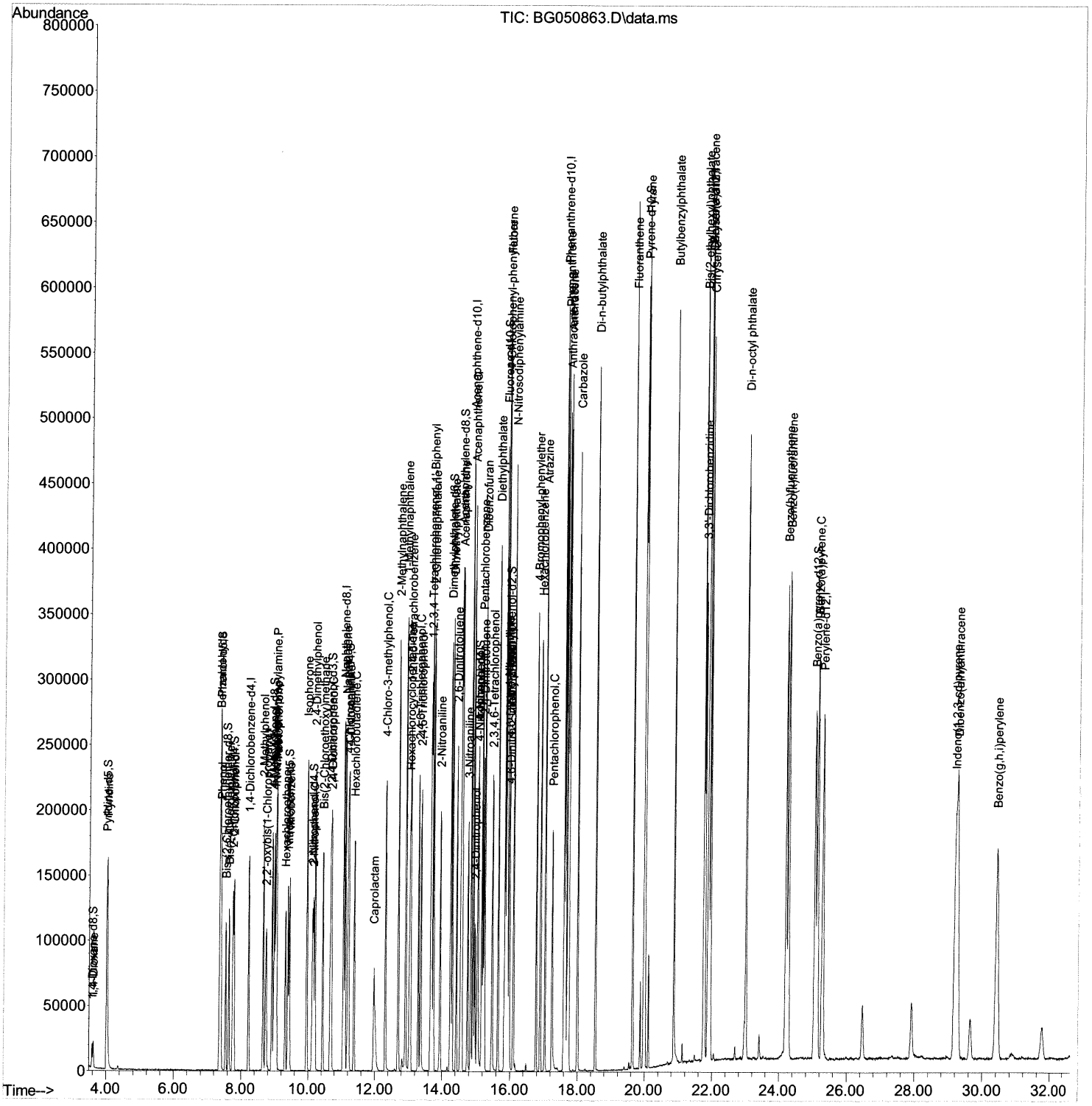
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110321\
Data File : BG050863.D
Acq On : 4 Nov 2021 1:07
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 50 Sample Multiplier: 1

Quant Time: Nov 07 08:00:00 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 02 14:49:05 2021
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 11/08/2021
Supervised By :mohammad ahmed 11/08/2021



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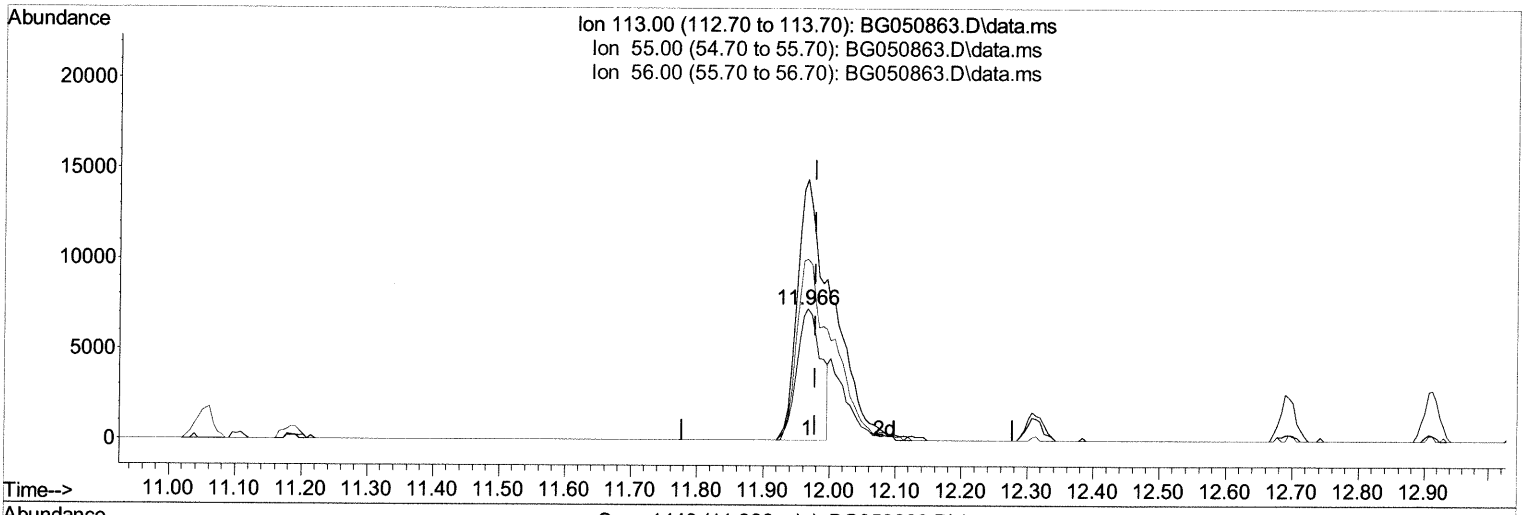

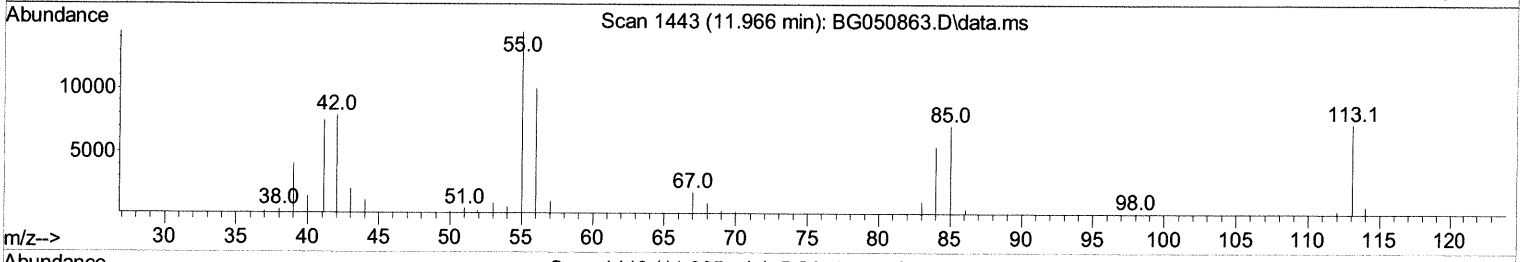

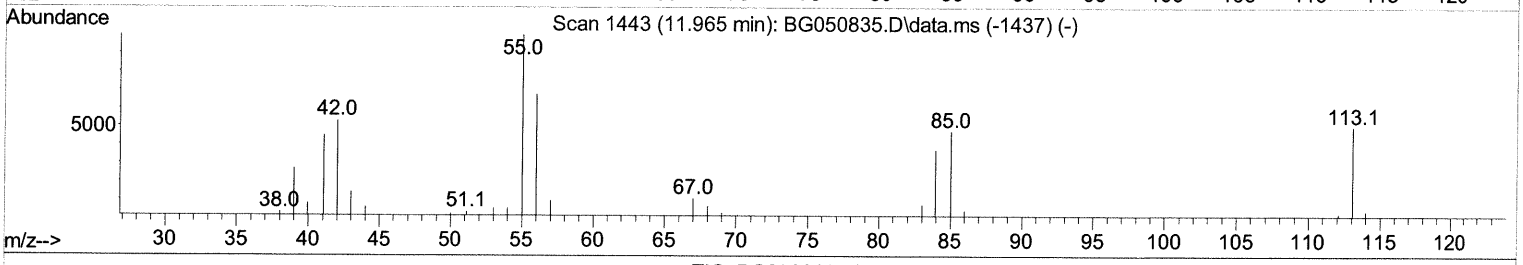

TIC: BG050863.D\data.ms

(34) Caprolactam

11.966min (-0.011) 12.32 ng/ul

response 18596

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	198.73
56.00	136.50	137.90
0.00	0.00	0.00

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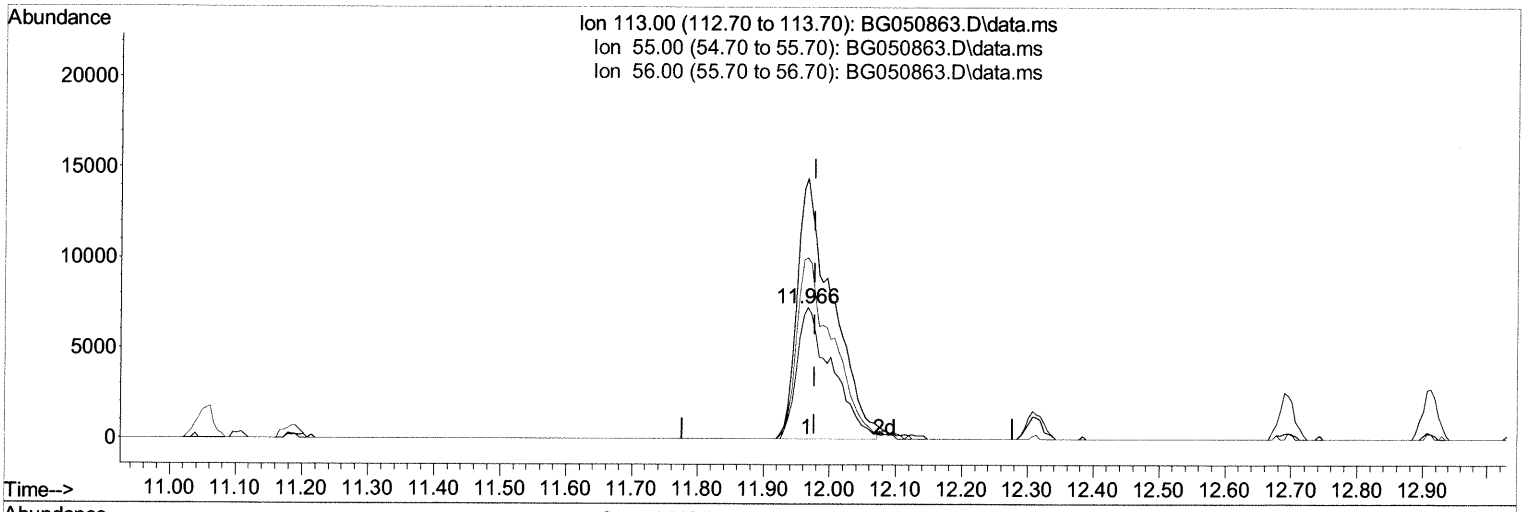

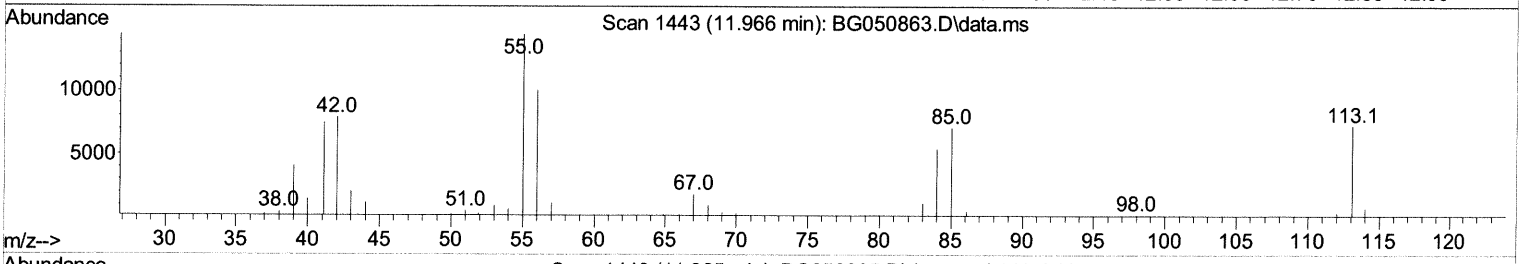

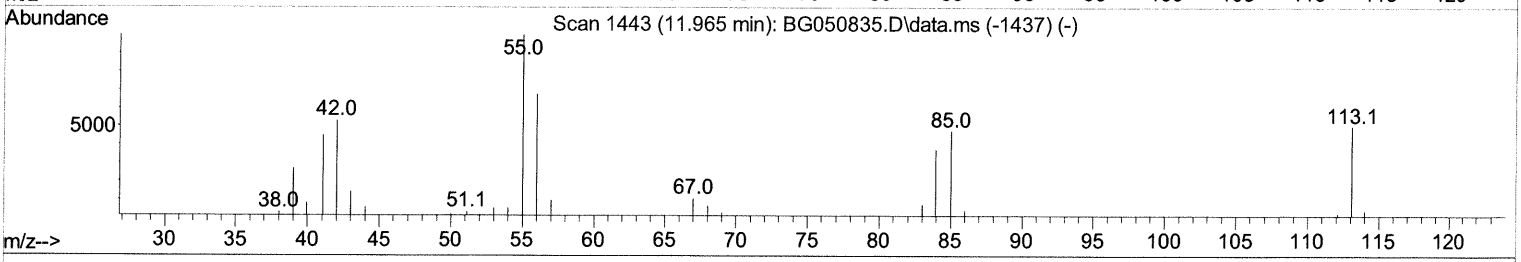

TIC: BG050863.D\data.ms

(34) Caprolactam

11.966min (-0.011) 17.79 ng/ul m 11/13/21 JU

response 26861

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	198.73
56.00	136.50	137.90
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	8.229	152	46023	20.000	ng/ul	0.00
20) Naphthalene-d8	11.056	136	229055	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.851	164	163975	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.595	188	367220	20.000	ng/ul	-0.01
79) Chrysene-d12	21.896	240	292762	20.000	ng/ul	-0.01
88) Perylene-d12	25.292	264	252117	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.588	96	10376	7.277	ng/uL	0.00
4) Pyridine-d5	4.011	84	76918	18.031	ng/ul	0.00
7) Phenol-d5	7.372	99	89462	18.221	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.542	67	59418	18.734	ng/ul	0.00
11) 2-Chlorophenol-d4	7.754	132	61958	18.209	ng/ul	-0.01
15) 4-Methylphenol-d8	8.929	113	70845	18.329	ng/ul	0.00
21) Nitrobenzene-d5	9.405	128	34321	17.632	ng/ul	0.00
24) 2-Nitrophenol-d4	10.127	143	37728	17.431	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.668	165	64885	17.797	ng/ul	0.00
31) 4-Chloroaniline-d4	11.185	131	95783	17.348	ng/ul	0.00
46) Dimethylphthalate-d6	14.246	166	215028	17.140	ng/ul	0.00
49) Acenaphthylene-d8	14.551	160	271445	17.367	ng/ul	0.00
54) 4-Nitrophenol-d4	15.039	143	37765	16.603	ng/ul	0.00
60) Fluorene-d10	15.838	176	187307	16.854	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.956	200	36281	16.296	ng/ul	0.00
73) Anthracene-d10	17.695	188	293685	16.916	ng/ul	-0.01
81) Pyrene-d10	19.969	212	335089	17.721	ng/ul	-0.01
92) Benzo(a)pyrene-d12	25.057	264	280572	20.131	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.623	88	10666	6.810	ng/uL#	87
5) Pyridine	4.029	79	79752	18.061	ng/ul	95
6) Benzaldehyde	7.360	77	57674	18.624	ng/ul	95
8) Phenol	7.395	94	91309	17.978	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.636	93	71006	18.678	ng/ul	99
12) 2-Chlorophenol	7.789	128	62262	18.022	ng/ul	97
13) 2-Methylphenol	8.658	108	67875	18.080	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.752	45	109695	18.319	ng/ul	99
16) Acetophenone	9.058	105	111240	18.526	ng/ul	98
17) N-Nitroso-di-n-propyla...	9.029	70	67522	18.638	ng/ul	99
18) 4-Methylphenol	8.993	108	73915	18.492	ng/ul	98
19) Hexachloroethane	9.322	117	26093	18.064	ng/ul	93
22) Nitrobenzene	9.446	77	94898	17.480	ng/ul	98
23) Isophorone	9.963	82	185700	17.625	ng/ul	100
25) 2-Nitrophenol	10.162	139	38716	17.830	ng/ul	98
26) 2,4-Dimethylphenol	10.204	107	84985	17.784	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.445	93	101147	17.817	ng/ul	97
29) 2,4-Dichlorophenol	10.697	162	63530	17.864	ng/ul	98
30) Naphthalene	11.103	128	217616	17.374	ng/ul	98
32) 4-Chloroaniline	11.208	127	95891	17.491	ng/ul	99
33) Hexachlorobutadiene	11.379	225	40267	17.251	ng/ul	98
34) Caprolactam	11.966	113	26861m >	17.791	ng/ul >	11/13/21 JU
35) 4-Chloro-3-methylphenol	12.313	107	80777	17.781	ng/ul	97

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36)	2-Methylnaphthalene	12.695	142	149592	17.531	ng/ul	99
37)	1-Methylnaphthalene	12.912	142	152251	17.609	ng/ul	98
39)	1,2,4,5-Tetrachloroben...	13.053	216	80414	16.831	ng/ul	94
40)	Hexachlorocyclopentadiene	13.030	237	48165	20.993	ng/ul#	98
41)	2,4,6-Trichlorophenol	13.294	196	54627	17.473	ng/ul	98
42)	2,4,5-Trichlorophenol	13.365	196	57793	17.218	ng/ul	98
43)	1,1'-Biphenyl	13.688	154	205019	17.106	ng/ul	99
44)	2-Chloronaphthalene	13.735	162	162032	17.252	ng/ul	98
45)	2-Nitroaniline	13.935	65	63451	17.004	ng/ul	96
47)	Dimethylphthalate	14.293	163	214033	17.063	ng/ul	99
48)	2,6-Dinitrotoluene	14.422	165	45603	17.370	ng/ul	96
50)	Acenaphthylene	14.581	152	269894	17.229	ng/ul	99
51)	3-Nitroaniline	14.757	138	46065	16.965	ng/ul	93
52)	Acenaphthene	14.916	153	176275	17.114	ng/ul	98
53)	2,4-Dinitrophenol	14.963	184	24939	17.219	ng/ul	94
55)	4-Nitrophenol	15.051	109	34865	16.713	ng/ul	93
56)	Dibenzofuran	15.251	168	248093	16.827	ng/ul	97
57)	2,4-Dinitrotoluene	15.210	165	63736	17.011	ng/ul	100
58)	2,3,4,6-Tetrachlorophenol	15.474	232	45897	17.400	ng/ul#	98
59)	Diethylphthalate	15.644	149	229316	17.079	ng/ul	100
61)	Fluorene	15.897	166	195068	16.716	ng/ul	98
62)	4-Chlorophenyl-phenyle...	15.879	204	103943	17.105	ng/ul	97
63)	4-Nitroaniline	15.915	138	45374	16.844	ng/ul	97
66)	4,6-Dinitro-2-methylph...	15.973	198	35277	16.248	ng/ul#	98
67)	N-Nitrosodiphenylamine	16.097	169	175026	17.051	ng/ul	98
68)	4-Bromophenyl-phenylether	16.778	248	62671	17.157	ng/ul	95
69)	Hexachlorobenzene	16.896	284	64998	17.308	ng/ul	98
70)	Atrazine	17.031	200	73114	16.797	ng/ul	99
71)	Pentachlorophenol	17.242	266	35106	20.362	ng/ul	95
72)	Phenanthrene	17.642	178	331672	16.920	ng/ul	98
74)	Anthracene	17.730	178	331313	16.845	ng/ul	99
75)	1,2,3,4-Tetrachloroben...	13.658	216	85871	17.174	ng/uL	96
76)	Pentachlorobenzene	15.168	250	80510	17.378	ng/uL	97
77)	Carbazole	18.000	167	309354	17.549	ng/ul	99
78)	Di-n-butylphthalate	18.535	149	392933	16.963	ng/ul	100
80)	Fluoranthene	19.640	202	404212	17.812	ng/ul	100
82)	Pyrene	20.004	202	392927	17.721	ng/ul	99
83)	Butylbenzylphthalate	20.868	149	172105	18.050	ng/ul	99
84)	3,3'-Dichlorobenzidine	21.778	252	126559	17.751	ng/ul	99
85)	Benzo(a)anthracene	21.872	228	362480	17.885	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.743	149	247782	18.104	ng/ul	98
87)	Chrysene	21.943	228	341499	17.638	ng/ul	99
89)	Di-n-octyl phthalate	23.012	149	422065	20.563	ng/ul	100
90)	Benzo(b)fluoranthene	24.205	252	359717	20.028	ng/ul	99
91)	Benzo(k)fluoranthene	24.275	252	339937	20.170	ng/ul	99
93)	Benzo(a)pyrene	25.133	252	347553	20.317	ng/ul	99
94)	Indeno(1,2,3-cd)pyrene	29.199	276	385635	20.251	ng/ul	97
95)	Dibenzo(a,h)anthracene	29.264	278	324265	20.125	ng/ul	99
96)	Benzo(g,h,i)perylene	30.427	276	319976	20.074	ng/ul	98

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