

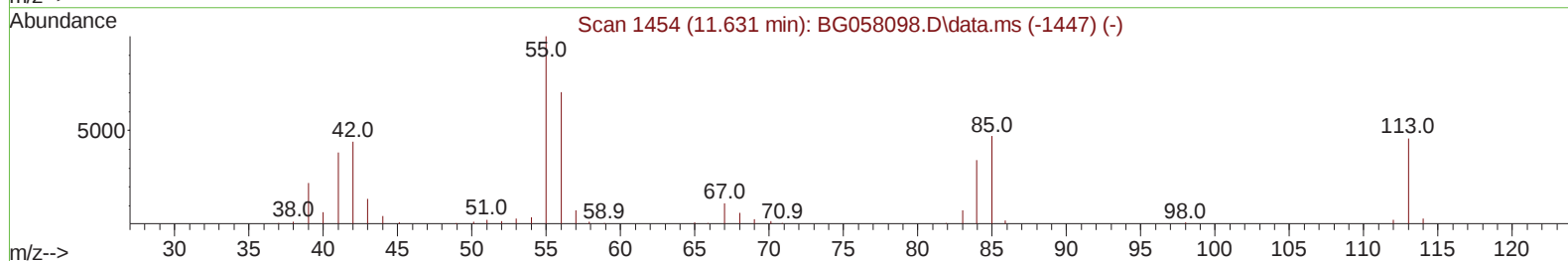
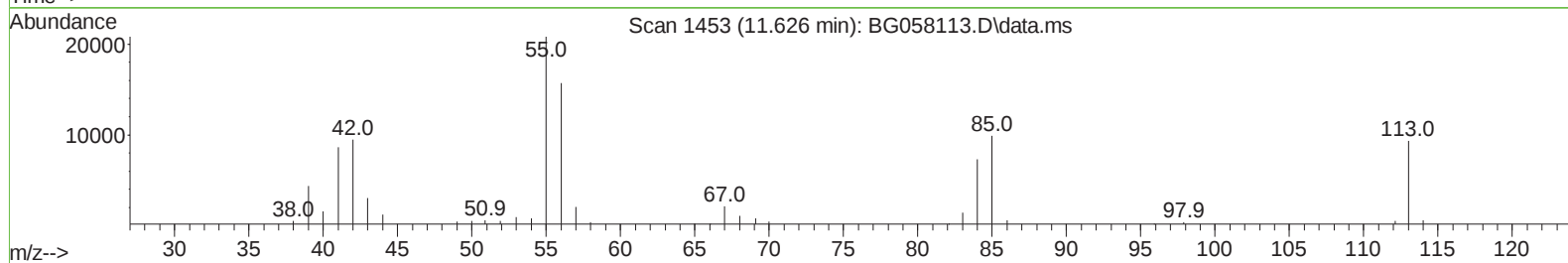
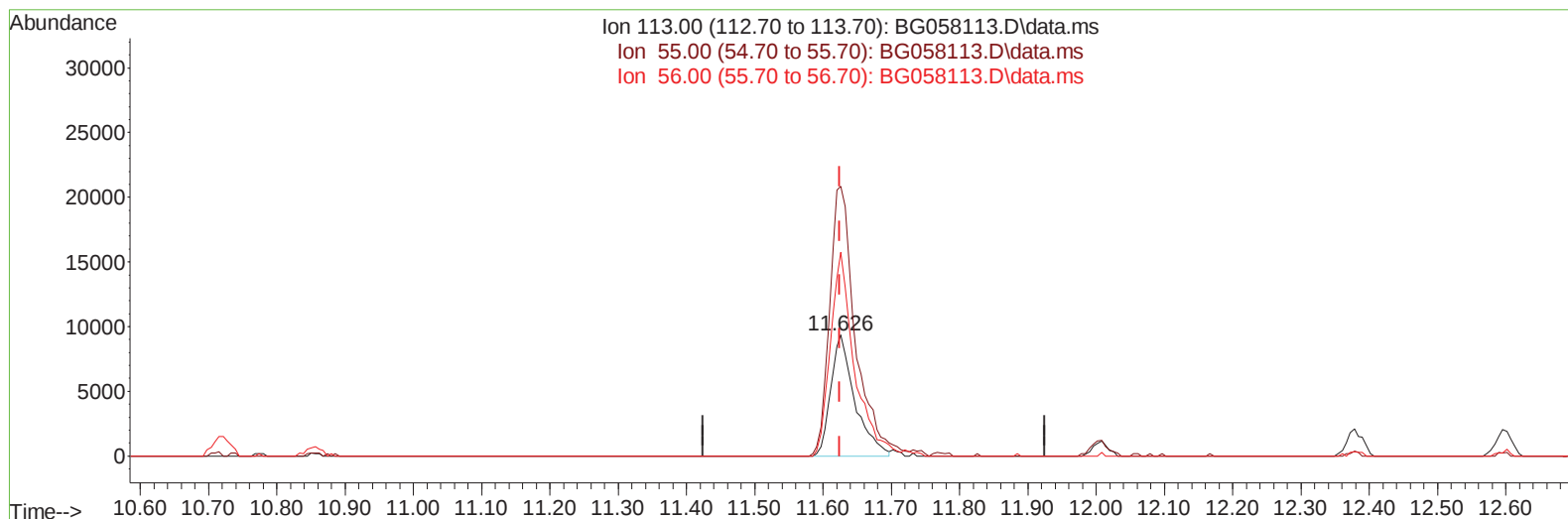
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070823\
 Data File : BG058113.D
 Acq On : 9 Jul 2023 5:42
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: Jul 09 06:17:47 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jul 08 10:01:01 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/10/2023
 Supervised By :mohammad ahmed 07/10/2023



TIC: BG058113.D\data.ms

(34) Caprolactam

11.626min (+ 0.001) 18.70 ng/ul

response 22873

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	229.30	223.04
56.00	153.80	168.31
0.00	0.00	0.00

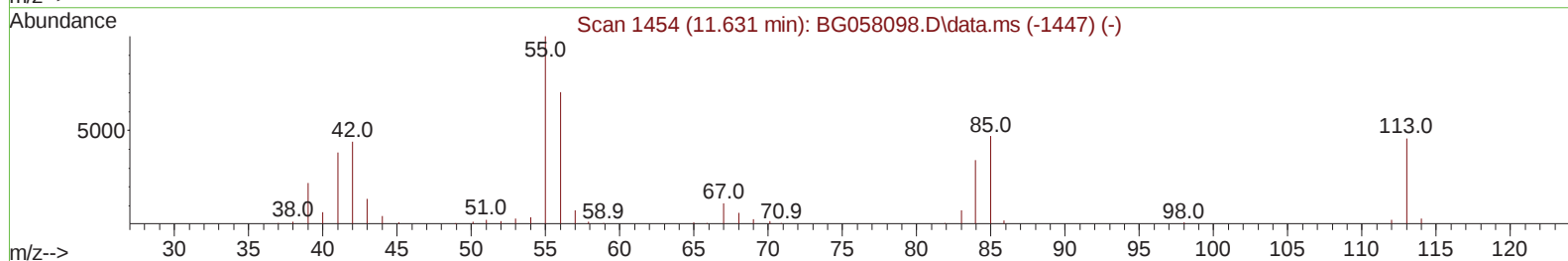
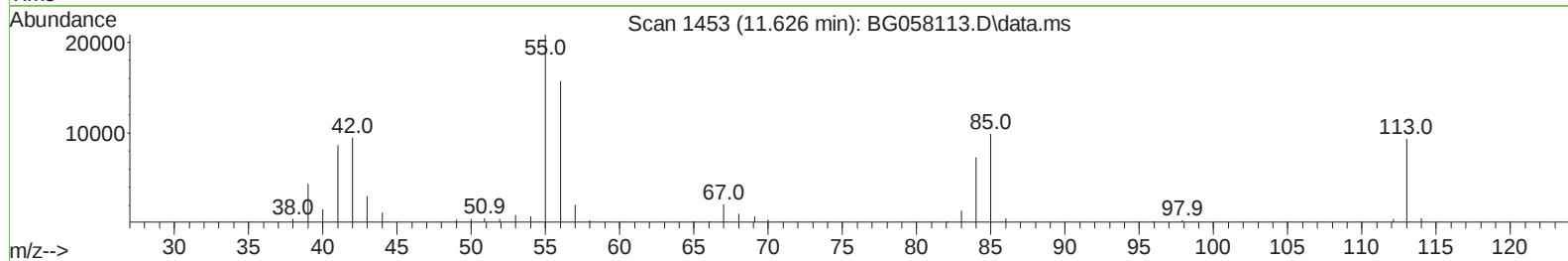
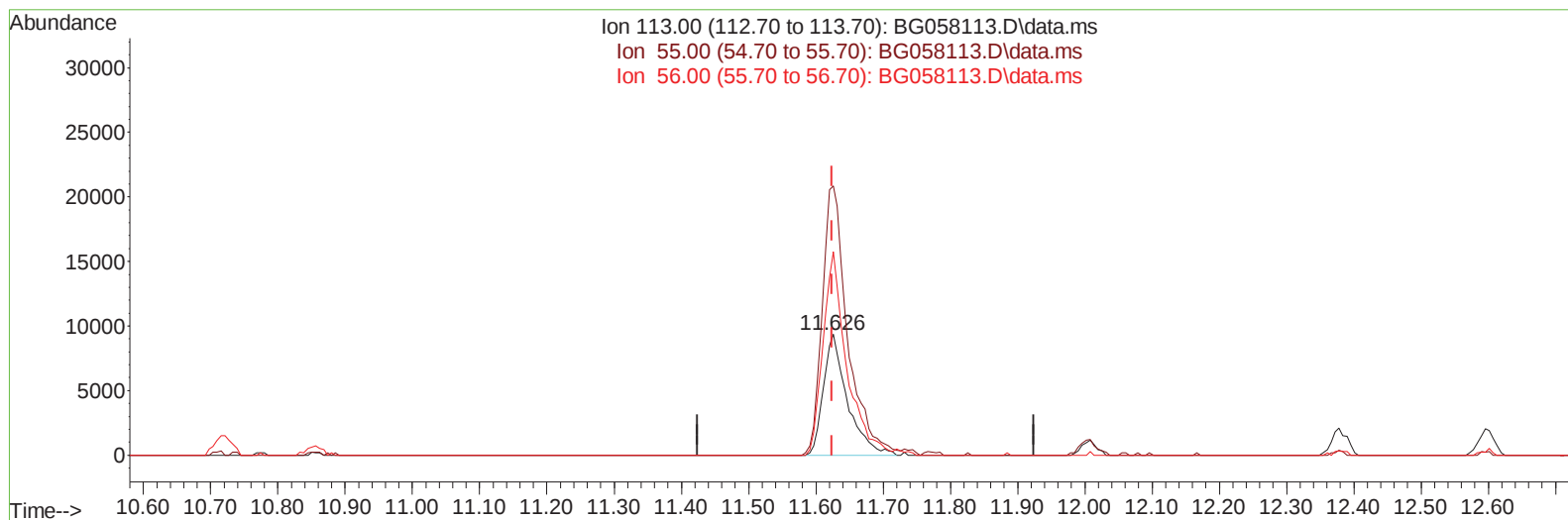
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(34) Caprolactam

11.626min (+ 0.001) 19.01 ng/ul m

response 23245

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	229.30	223.04
56.00	153.80	168.31
0.00	0.00	0.00

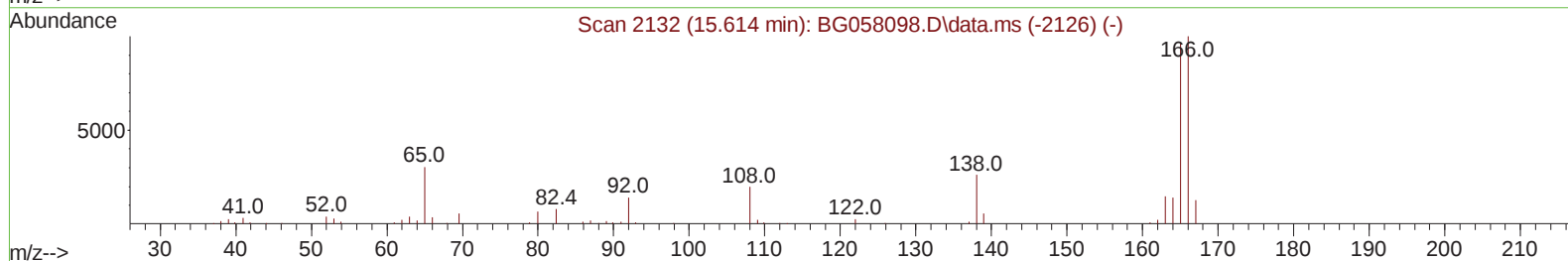
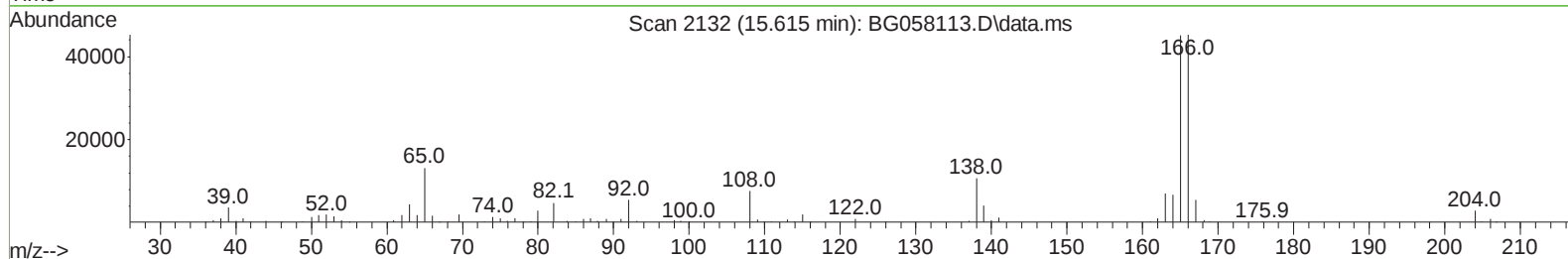
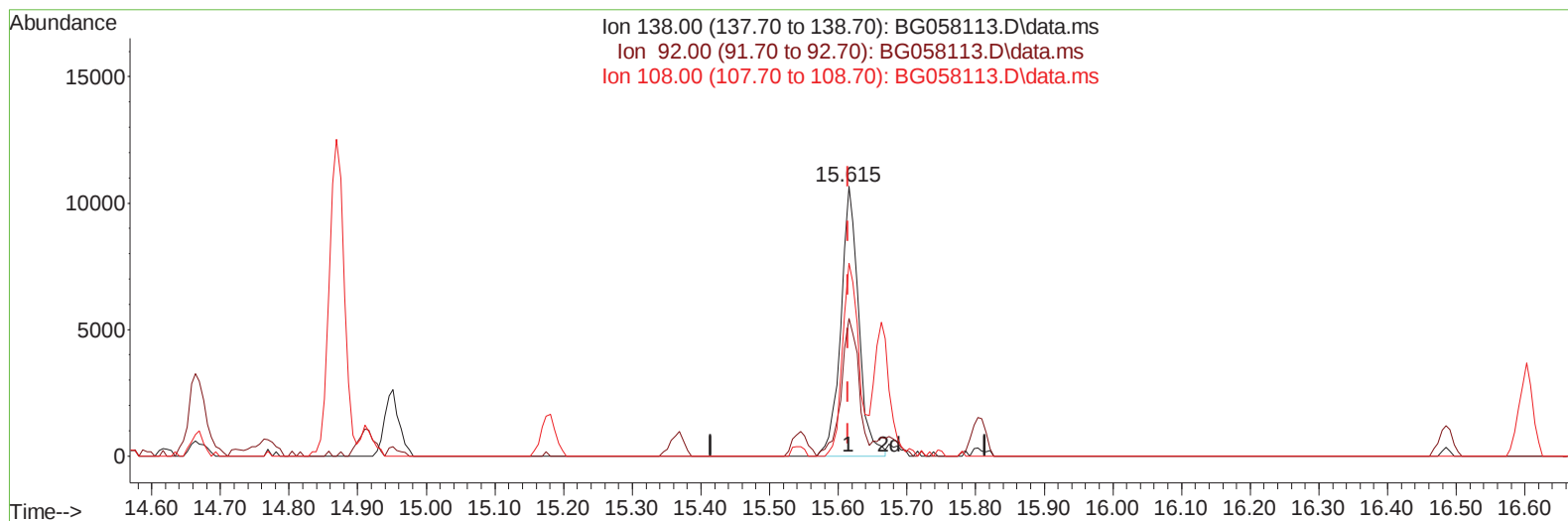
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TIC: BG058113.D\data.ms

(63) 4-Nitroaniline

15.615min (+ 0.001) 11.36 ng/ul

response 19060

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	54.80	51.02
108.00	73.50	71.60
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	7.918	152	41899	20.000	ng/ul	0.00
20) Naphthalene-d8	10.721	136	190402	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.552	164	136168	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.296	188	349523	20.000	ng/ul	0.00
79) Chrysene-d12	21.555	240	311260	20.000	ng/ul	0.00
88) Perylene-d12	24.705	264	388598	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.353	96	9522	7.958	ng/uL	0.00
4) Pyridine-d5	3.765	84	69347	19.090	ng/ul	0.00
7) Phenol-d5	7.078	99	80694	18.858	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.243	67	49743	19.291	ng/ul	0.00
11) 2-Chlorophenol-d4	7.448	132	56757	19.232	ng/ul	0.00
15) 4-Methylphenol-d8	8.624	113	61618	19.085	ng/ul	0.00
21) Nitrobenzene-d5	9.076	128	29614	19.083	ng/ul	0.00
24) 2-Nitrophenol-d4	9.799	143	33928	20.802	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.339	165	62623	20.015	ng/ul	0.00
31) 4-Chloroaniline-d4	10.856	131	96649	20.374	ng/ul	0.00
46) Dimethylphthalate-d6	13.958	166	207409	19.305	ng/ul	0.00
49) Acenaphthylene-d8	14.246	160	238675	20.358	ng/ul	0.00
54) 4-Nitrophenol-d4	14.758	143	35573	18.741	ng/ul	0.00
60) Fluorene-d10	15.545	176	186770	20.469	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.662	200	35645	18.781	ng/ul	0.00
73) Anthracene-d10	17.396	188	322297	19.872	ng/ul	0.00
81) Pyrene-d10	19.687	212	372246	18.989	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.487	264	376684	19.026	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.389	88	10347	7.000	ng/uL#	96
5) Pyridine	3.782	79	73780	19.823	ng/ul	96
6) Benzaldehyde	7.055	77	14417	10.089	ng/ul	92
8) Phenol	7.108	94	83749	19.287	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.331	93	63755	19.016	ng/ul	99
12) 2-Chlorophenol	7.478	128	59158	19.263	ng/ul	97
13) 2-Methylphenol	8.359	108	64573	18.935	ng/ul	90
14) 2,2'-oxybis(1-Chloropr...	8.436	45	100707	19.514	ng/ul	97
16) Acetophenone	8.735	105	104856	19.574	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.718	70	54804	19.138	ng/ul	97
18) 4-Methylphenol	8.682	108	72813	19.746	ng/ul	98
19) Hexachloroethane	8.994	117	23105	19.625	ng/ul	93
22) Nitrobenzene	9.117	77	77993	19.360	ng/ul	98
23) Isophorone	9.634	82	160388	18.658	ng/ul	99
25) 2-Nitrophenol	9.834	139	35715	20.407	ng/ul	99
26) 2,4-Dimethylphenol	9.887	107	78623	19.978	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.122	93	90716	18.727	ng/ul	99
29) 2,4-Dichlorophenol	10.369	162	60112	19.760	ng/ul	92
30) Naphthalene	10.768	128	208585	19.494	ng/ul	98
32) 4-Chloroaniline	10.880	127	99457	20.505	ng/ul	100
33) Hexachlorobutadiene	11.050	225	41398	19.222	ng/ul	99
34) Caprolactam	11.626	113	23245m	19.006	ng/ul	
35) 4-Chloro-3-methylphenol	12.008	107	77135	20.642	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.378	142	141502	19.618	ng/ul	95
37) 1-Methylnaphthalene	12.595	142	142397	19.687	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.748	216	83576	20.141	ng/ul	95
40) Hexachlorocyclopentadiene	12.725	237	42067	16.094	ng/ul	95
41) 2,4,6-Trichlorophenol	12.989	196	57104	20.304	ng/ul	97
42) 2,4,5-Trichlorophenol	13.060	196	60618	19.929	ng/ul	98
43) 1,1'-Biphenyl	13.389	154	194097	19.780	ng/ul	98
44) 2-Chloronaphthalene	13.430	162	156814	19.912	ng/ul	99
45) 2-Nitroaniline	13.629	65	54953	20.069	ng/ul	96
47) Dimethylphthalate	14.005	163	210959	19.544	ng/ul	100
48) 2,6-Dinitrotoluene	14.123	165	44125	19.915	ng/ul	92
50) Acenaphthylene	14.276	152	255050	20.145	ng/ul	98
51) 3-Nitroaniline	14.458	138	32252	17.225	ng/ul#	98
52) Acenaphthene	14.617	153	175541	20.206	ng/ul	99
53) 2,4-Dinitrophenol	14.664	184	19697	17.052	ng/ul	94
55) 4-Nitrophenol	14.769	109	26161	18.604	ng/ul	94
56) Dibenzofuran	14.951	168	252156	20.418	ng/ul	100
57) 2,4-Dinitrotoluene	14.916	165	66308	21.123	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.181	232	57439	20.744	ng/ul#	98
59) Diethylphthalate	15.369	149	223194	19.811	ng/ul	99
61) Fluorene	15.604	166	209502	20.676	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.592	204	110669	20.641	ng/ul	97
63) 4-Nitroaniline	15.615	138	19637m	11.707	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.680	198	37152	19.142	ng/ul	97
67) N-Nitrosodiphenylamine	15.803	169	176376	18.961	ng/ul	99
68) 4-Bromophenyl-phenylether	16.485	248	75825	19.763	ng/ul	97
69) Hexachlorobenzene	16.602	284	85715	19.954	ng/ul	96
70) Atrazine	16.749	200	72288	19.004	ng/ul	96
71) Pentachlorophenol	16.949	266	45053	17.470	ng/ul	98
72) Phenanthrene	17.343	178	346779	19.505	ng/ul	99
74) Anthracene	17.431	178	354047	19.678	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.353	216	88389	19.068	ng/uL	98
76) Pentachlorobenzene	14.869	250	98095	19.814	ng/uL	95
77) Carbazole	17.701	167	323548	19.884	ng/ul	99
78) Di-n-butylphthalate	18.253	149	410623	19.811	ng/ul	99
80) Fluoranthene	19.352	202	425814	18.746	ng/ul	98
82) Pyrene	19.716	202	432407	18.911	ng/ul	99
83) Butylbenzylphthalate	20.598	149	179018	19.307	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.450	252	153892	20.423	ng/ul	99
85) Benzo(a)anthracene	21.532	228	433047	19.377	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.438	149	259959	19.565	ng/ul	99
87) Chrysene	21.597	228	417783	19.941	ng/ul	100
89) Di-n-octyl phthalate	22.619	149	459687	19.253	ng/ul	100
90) Benzo(b)fluoranthene	23.700	252	458752	19.066	ng/ul	99
91) Benzo(k)fluoranthene	23.765	252	450417	19.098	ng/ul	99
93) Benzo(a)pyrene	24.558	252	407405	19.130	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.289	276	543298	19.211	ng/ul	98
95) Dibenzo(a,h)anthracene	28.348	278	449945	19.295	ng/ul	98
96) Benzo(g,h,i)perylene	29.417	276	437191	18.927	ng/ul	98

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

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