

(QT Reviewed)

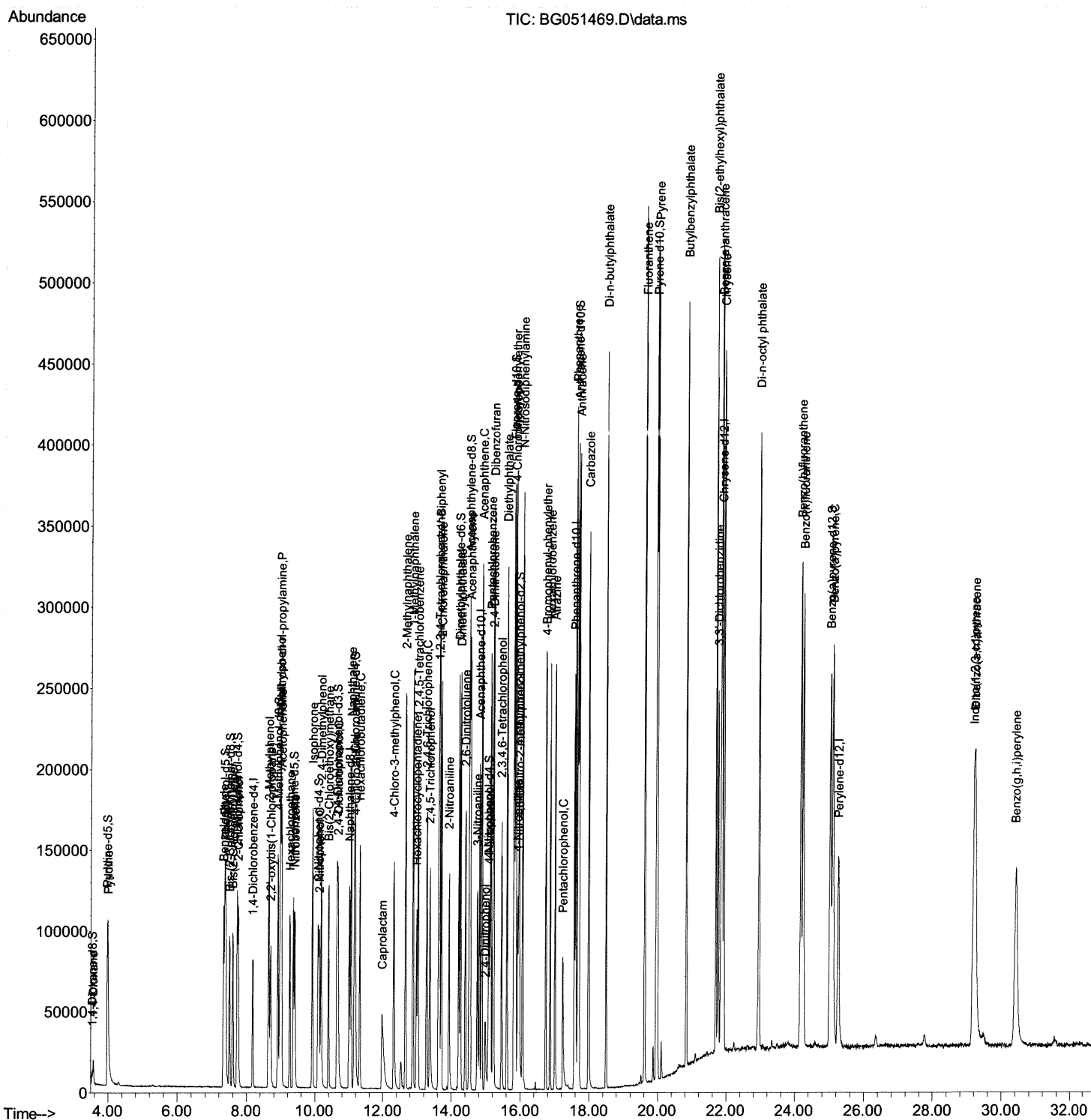
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Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120921\  
Data File : BG051469.D  
Acq On    : 11 Dec 2021  00:27  
Operator  : CG/JU  
Sample    : PB141311BS  
Misc      :  
ALS Vial  : 18    Sample Multiplier: 1
```

Instrument :
BNA_G
ClientSampleId :
SLCS311

Manual IntegrationsAPPROVED

Quant Time: Dec 11 04:26:27 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120821.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 09 03:21:41 2021
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 12/13/2021
Supervised By :Yogesh Patel 12/15/2021



Quantitation Report (Qedit)

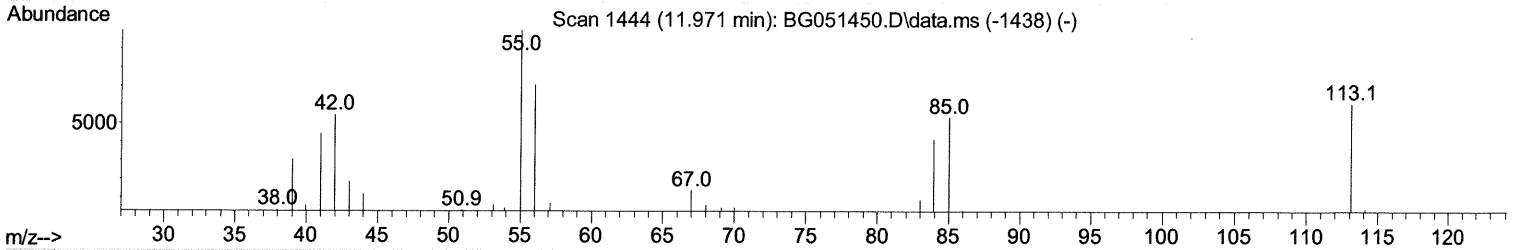
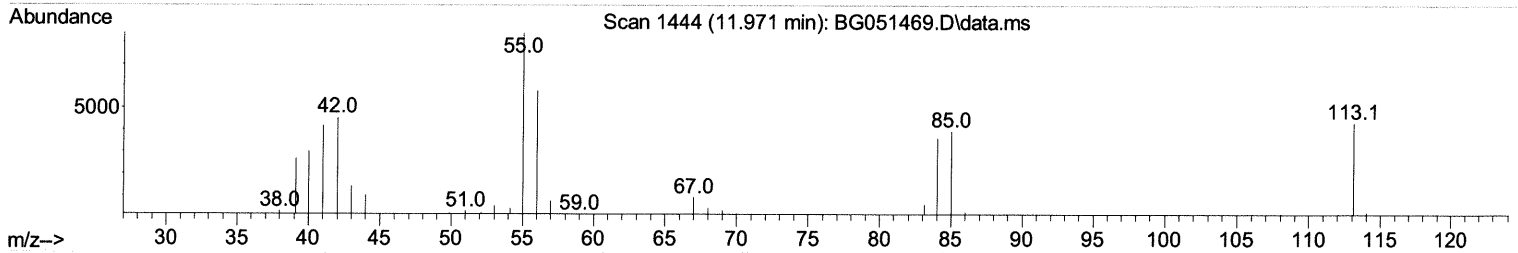
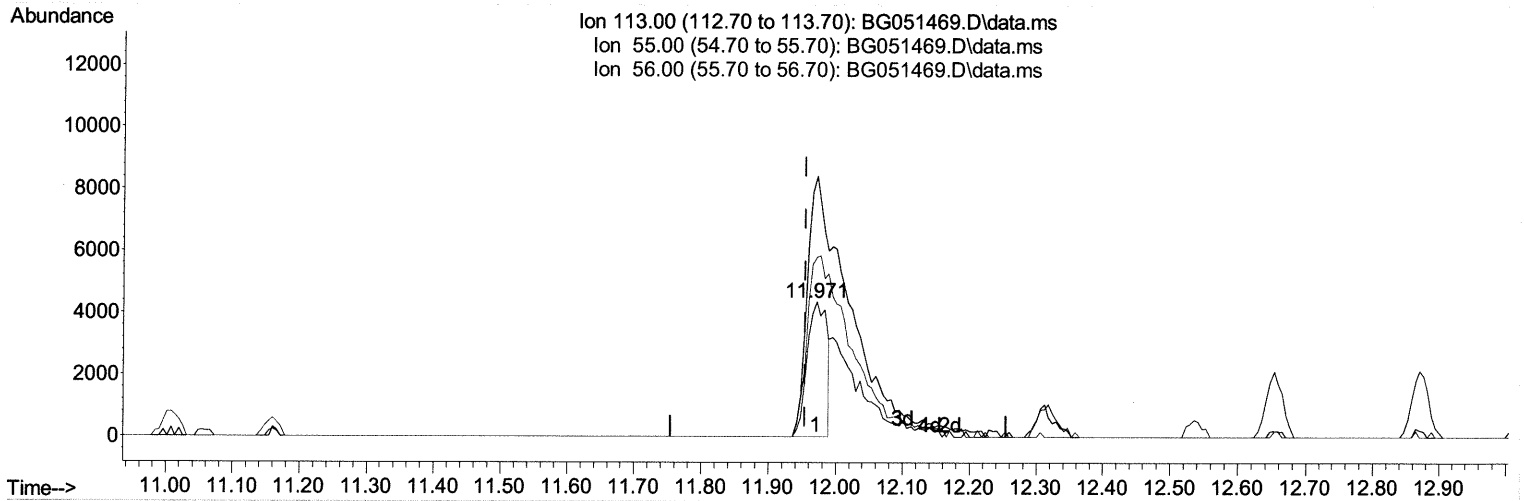
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120921\
 Data File : BG051469.D
 Acq On : 11 Dec 2021 00:27
 Operator : CG/JU
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TIC: BG051469.D\data.ms

(34) Caprolactam

11.971min (+ 0.016) 13.47 ng/ul

response 8943

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	193.43
56.00	136.50	133.20
0.00	0.00	0.00

Quantitation Report (Qedit)

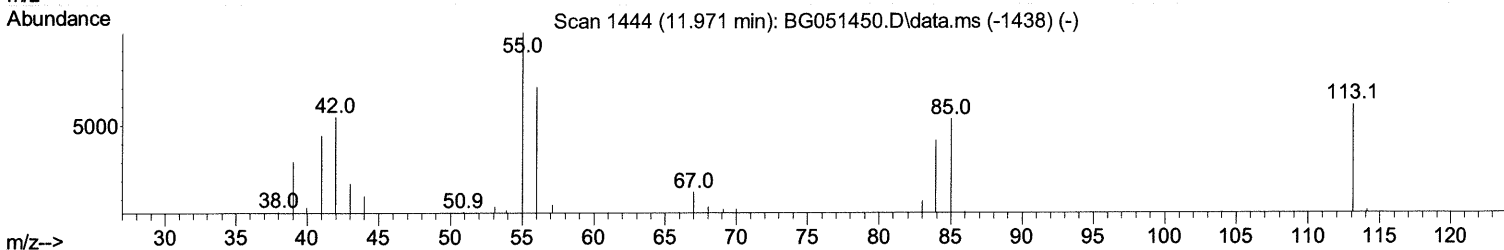
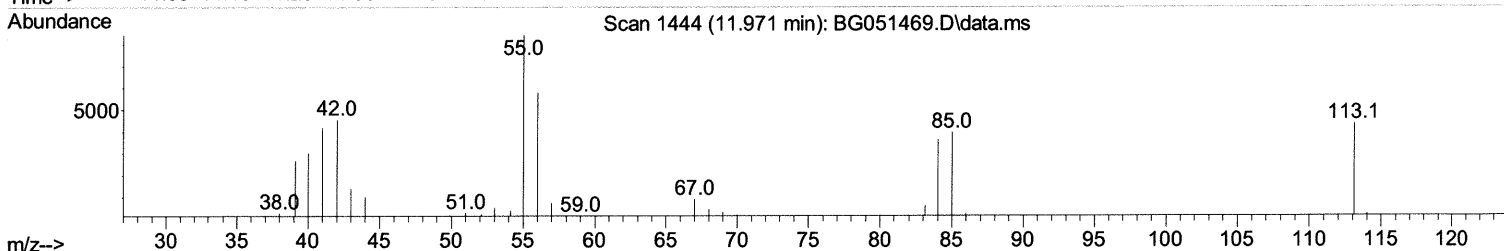
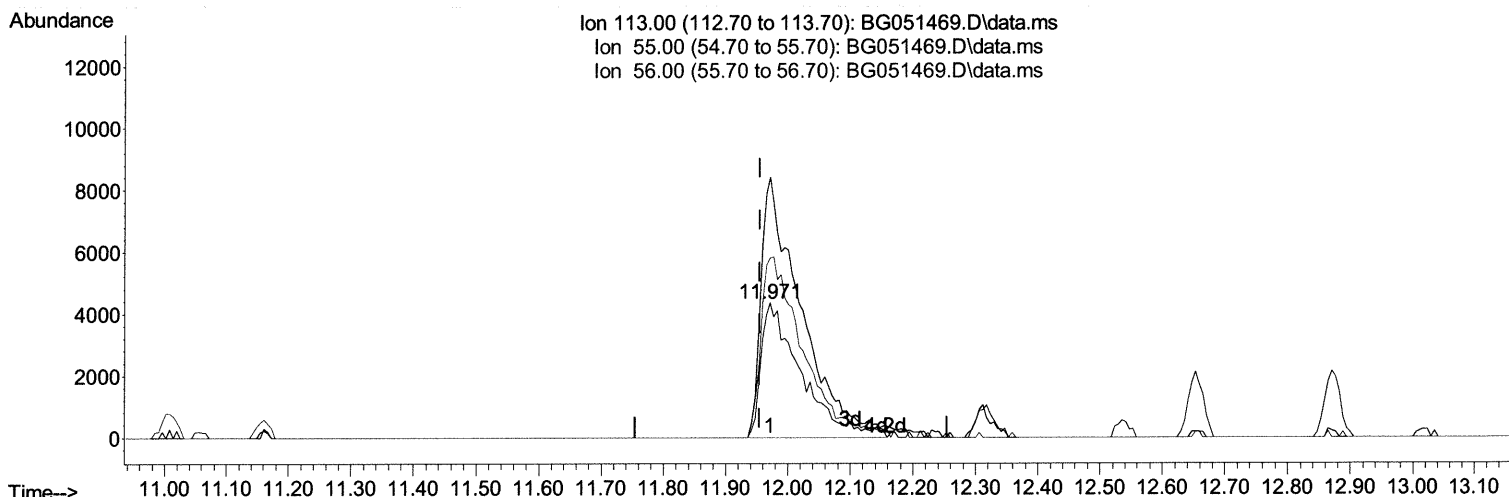
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TIC: BG051469.D\data.ms

(34) Caprolactam

11.971min (+ 0.016) 29.23 ng/ul m 12/16/21 JU

response 19407

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	193.43
56.00	136.50	133.20
0.00	0.00	0.00

Quantitation Report (Qedit)

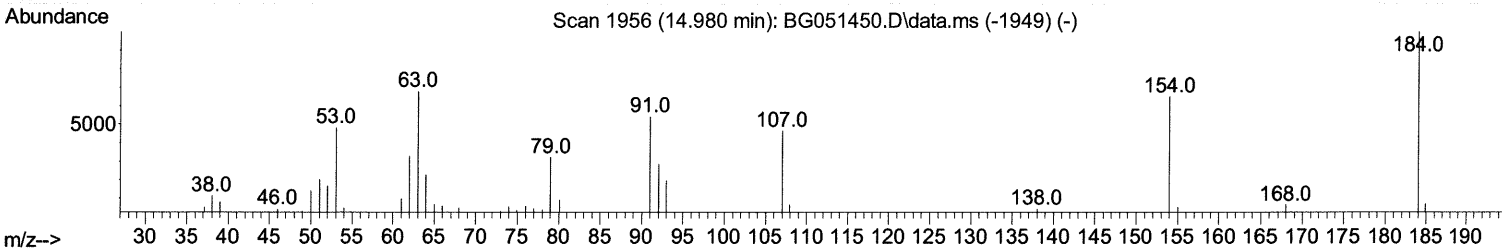
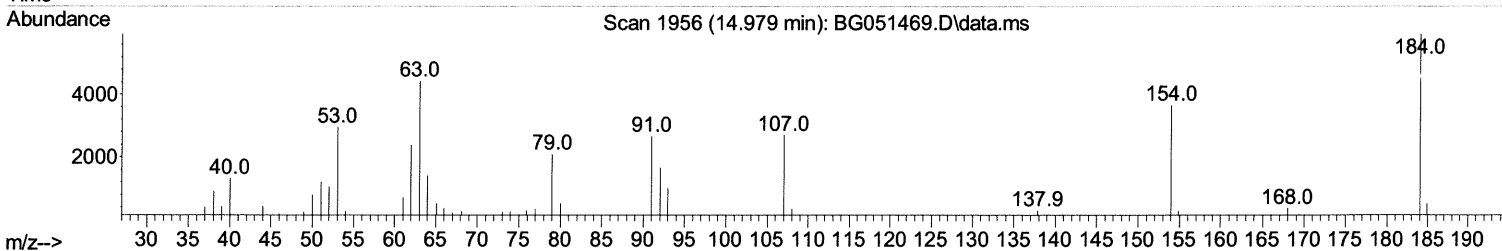
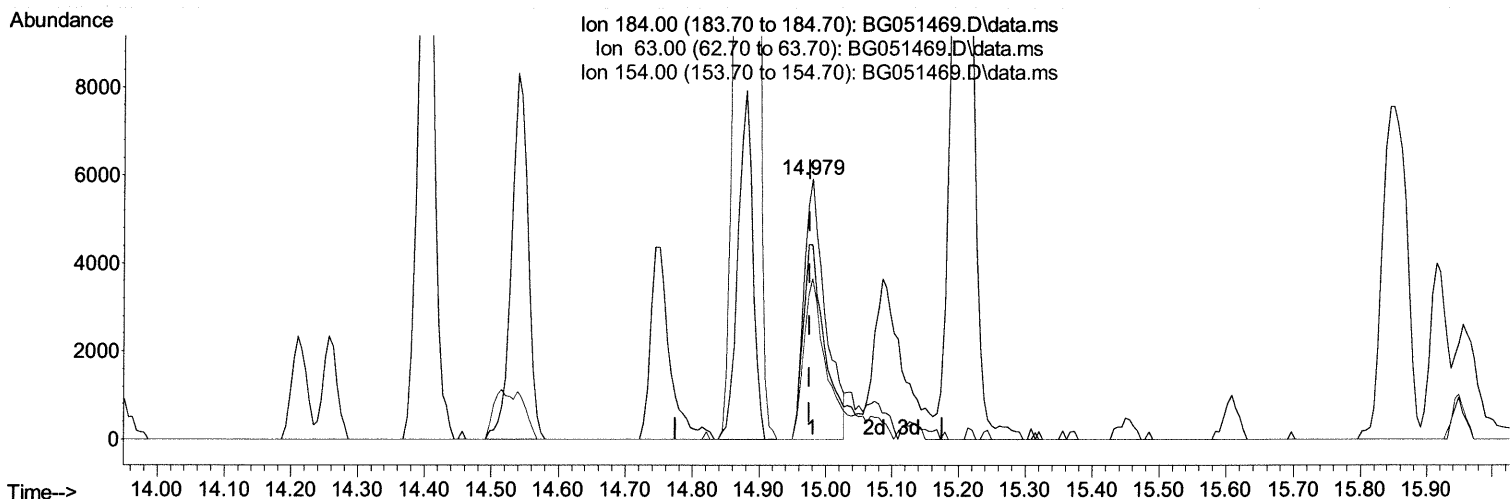
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TIC: BG051469.D\data.ms

(53) 2,4-Dinitrophenol

14.979min (+ 0.005) 22.63 ng/ul

response 13223

Ion	Exp%	Act%
184.00	100.00	100.00
63.00	82.70	74.62
154.00	67.00	61.76
0.00	0.00	0.00

Quantitation Report (Qedit)

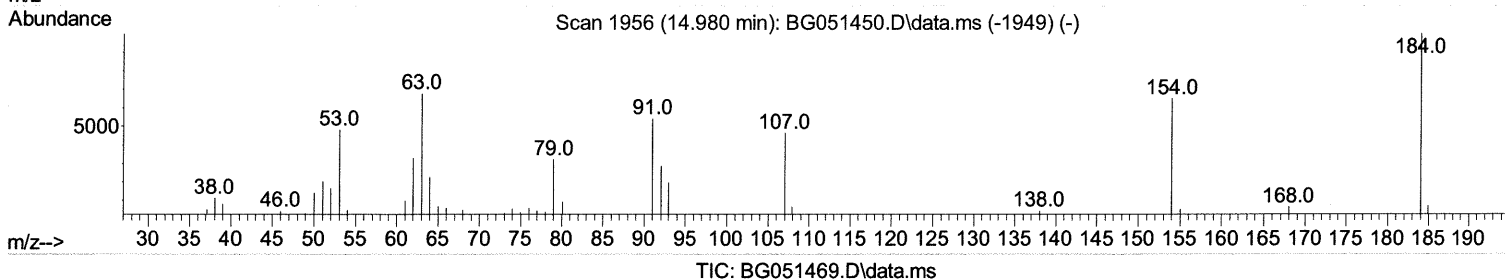
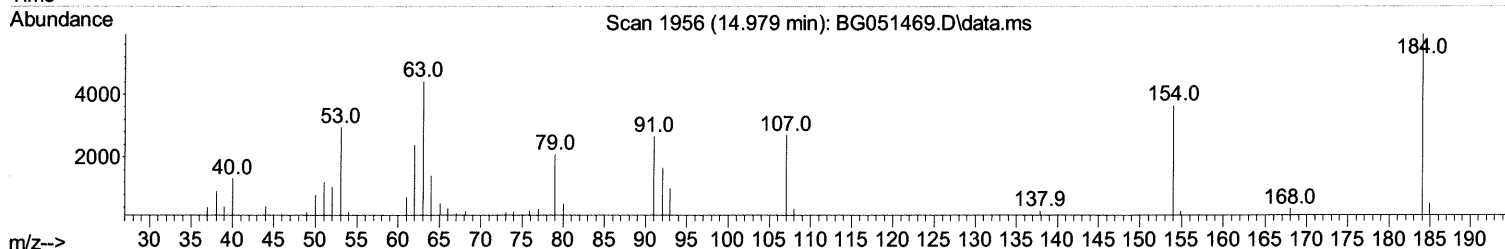
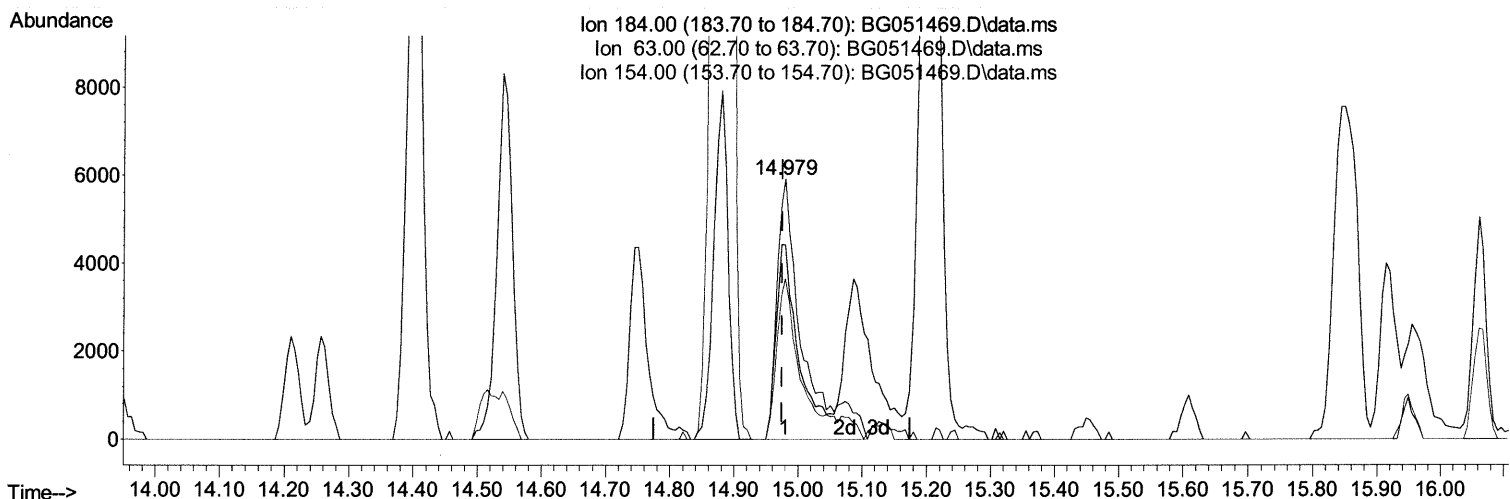
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TIC: BG051469.D\data.ms

(53) 2,4-Dinitrophenol

14.979min (+ 0.005) 28.30 ng/ul m 12/11/21ju

response 16537

Ion	Exp%	Act%
184.00	100.00	100.00
63.00	82.70	74.62
154.00	67.00	61.76
0.00	0.00	0.00

Quantitation Report (Qedit)

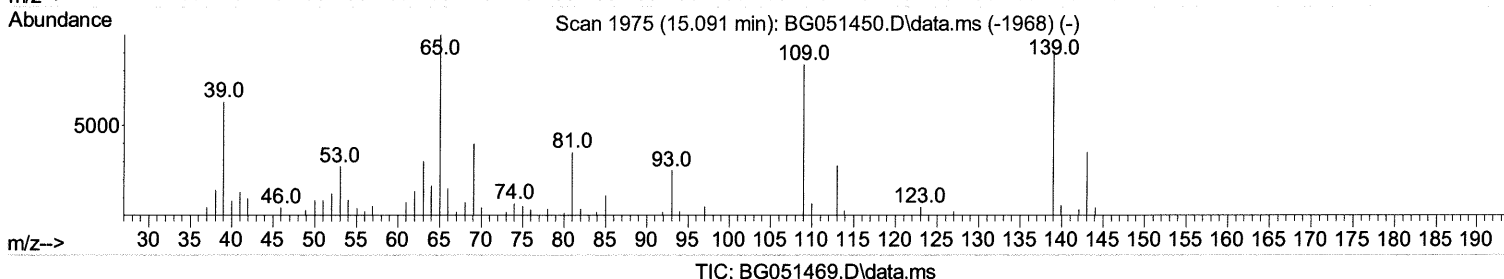
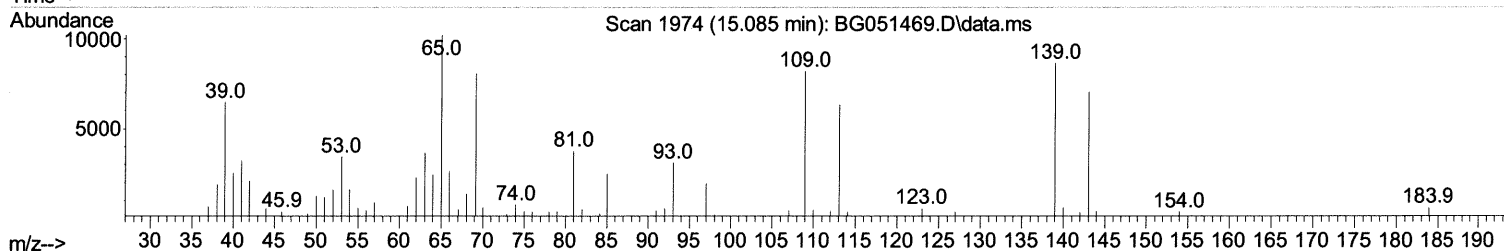
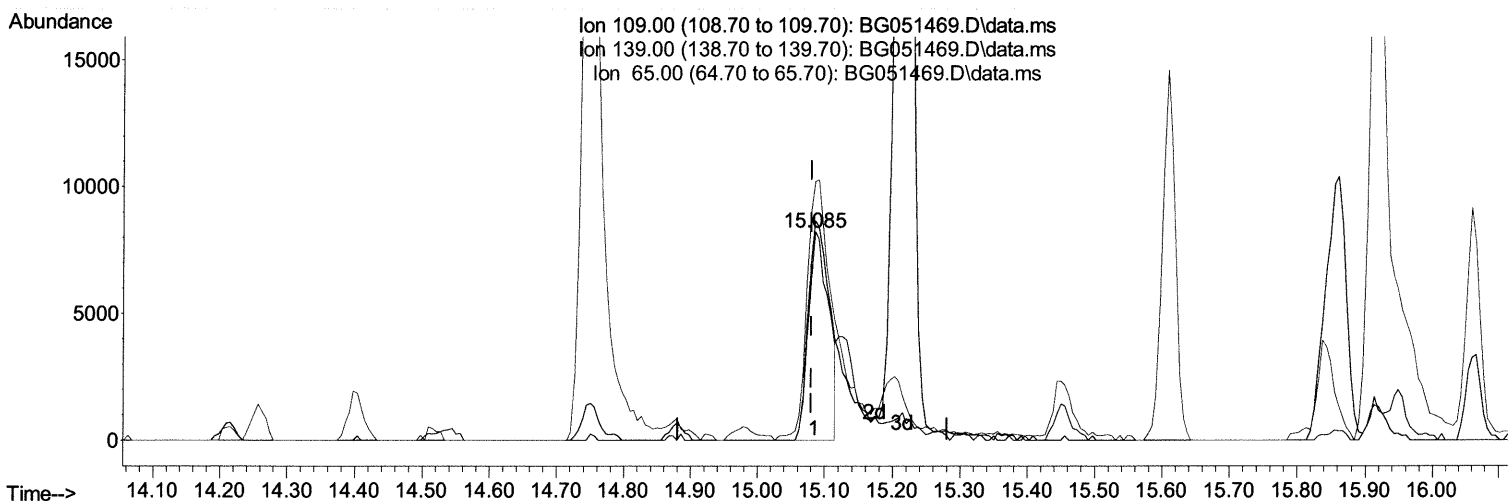
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(55) 4-Nitrophenol

15.085min (+ 0.005) 21.77 ng/ul

response 17276

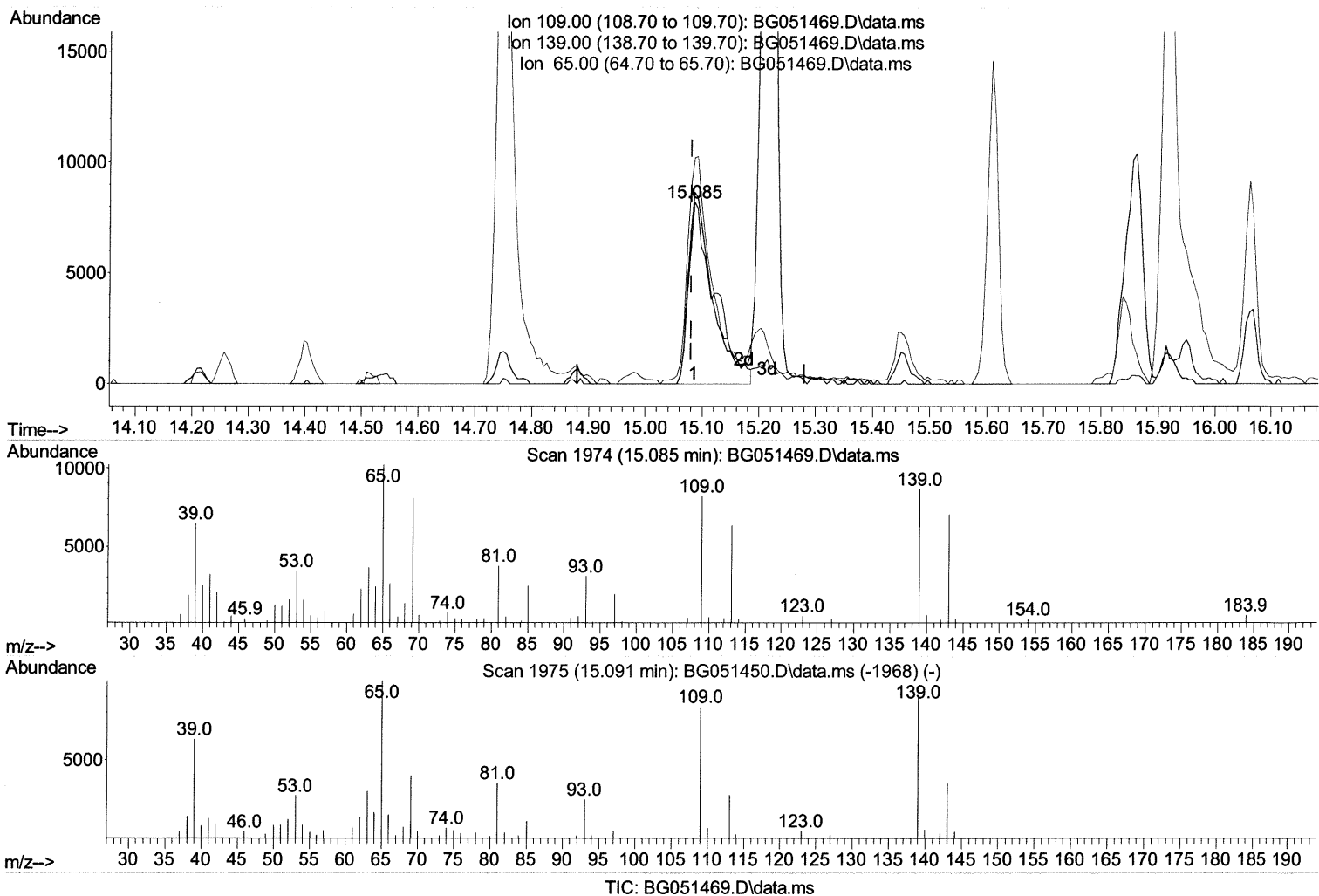
Ion	Exp%	Act%
109.00	100.00	100.00
139.00	110.90	105.24
65.00	142.00	124.06
0.00	0.00	0.00

```
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Data File : BG051469.D  
Acq On    : 11 Dec 2021  00:27  
Operator  : CG/JU  
Sample    : PB141311BS  
Misc      :  
ALS Vial  : 18    Sample Multiplier: 1
```

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15.085min (+ 0.005) 32.30 ng/ul m 12/1/21 Ju

Ion	Exp%	Act%
109.00	100.00	100.00
139.00	110.90	105.24
65.00	142.00	124.06
0.00	0.00	0.00

Quantitation Report (Qedit)

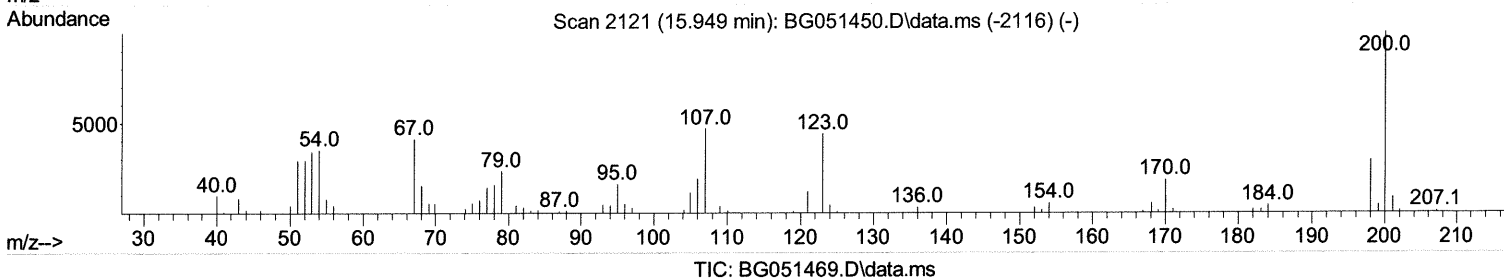
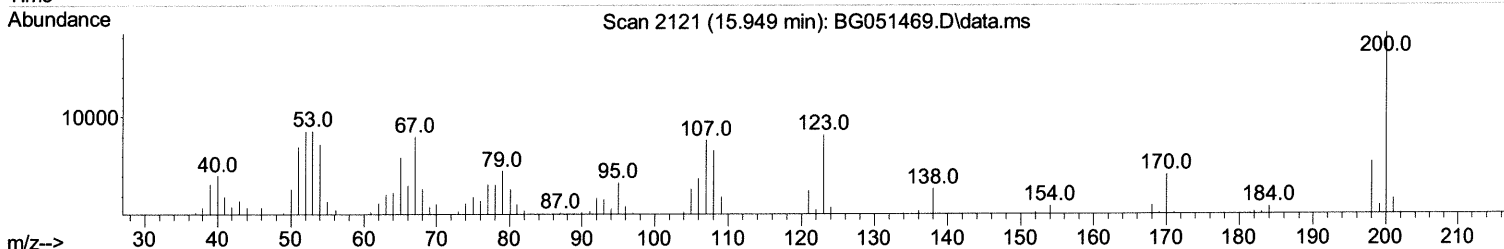
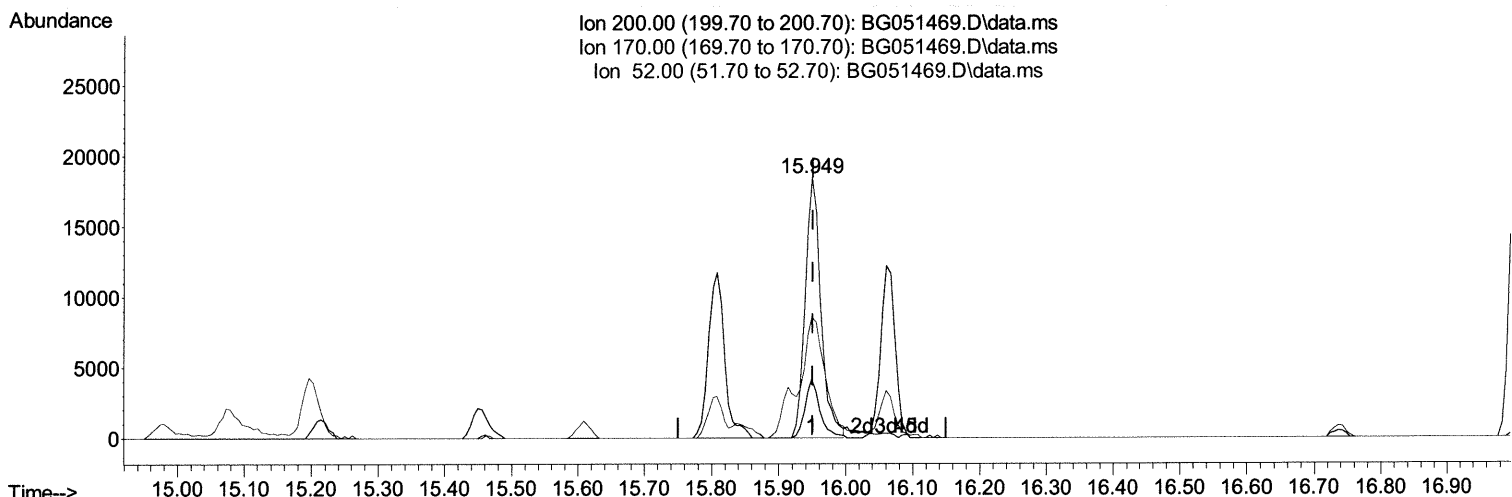
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(65) 4,6-Dinitro-2-methylphenol-d2 (S)

15.949min (-0.001) 32.37 ng/ul

response 30040

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	19.80	22.63
52.00	47.40	46.35
0.00	0.00	0.00

Quantitation Report (Qedit)

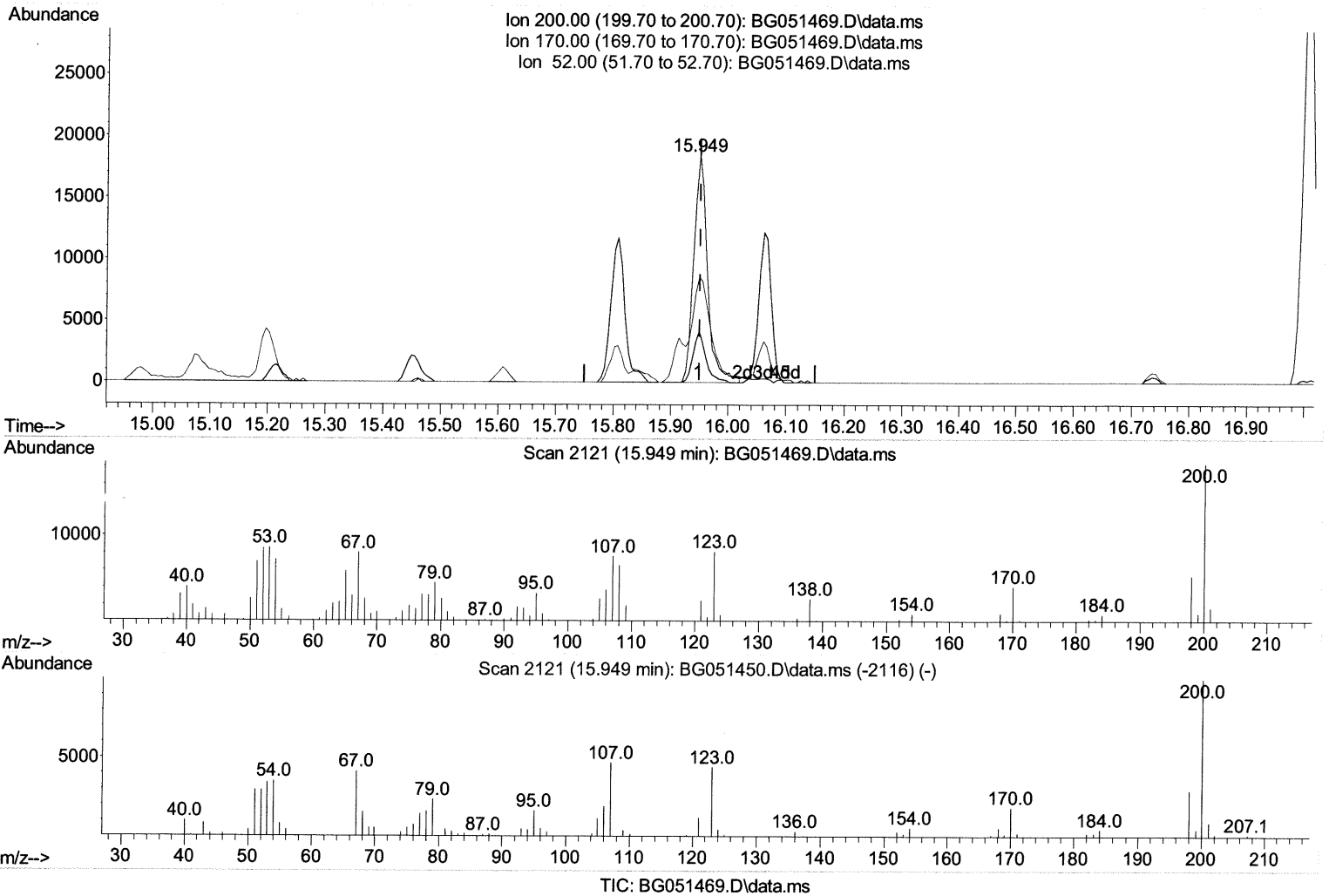
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 Misc :
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(65) 4,6-Dinitro-2-methylphenol-d2 (S)

15.949min (-0.001) 33.04 ng/ul m 12/11/21

response 30665

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	19.80	22.63
52.00	47.40	46.35
0.00	0.00	0.00

Quantitation Report (Qedit)

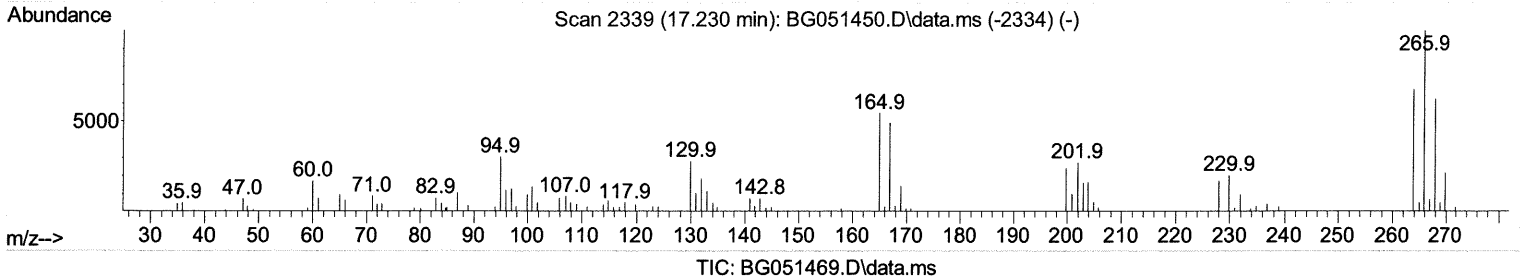
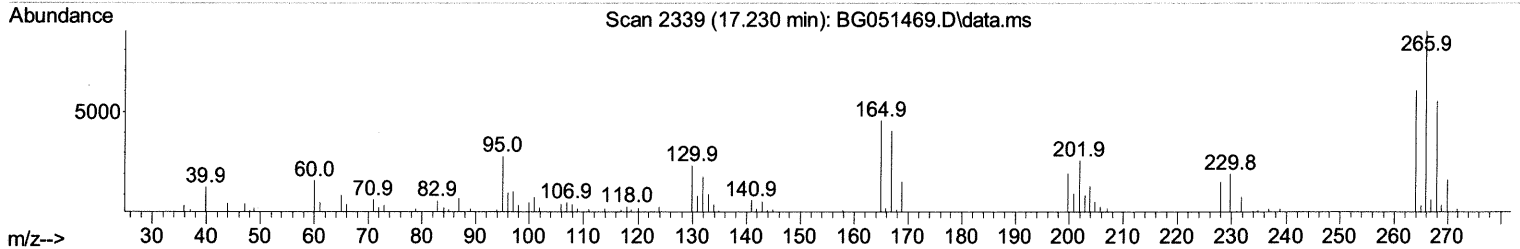
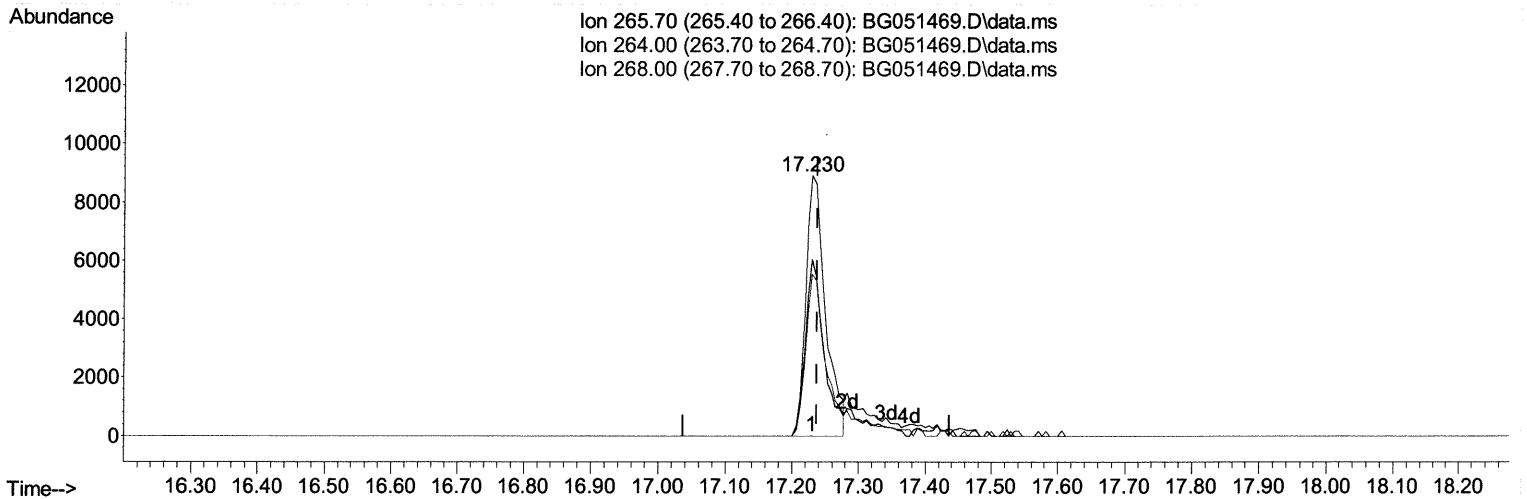
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 Misc :
 ALS Vial : 18 Sample Multiplier: 1

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TIC: BG051469.D\data.ms

(71) Pentachlorophenol (C)

17.230min (-0.007) 26.22 ng/u1

response 18242

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	67.90	67.77
268.00	63.80	62.11
0.00	0.00	0.00

Quantitation Report (Qedit)

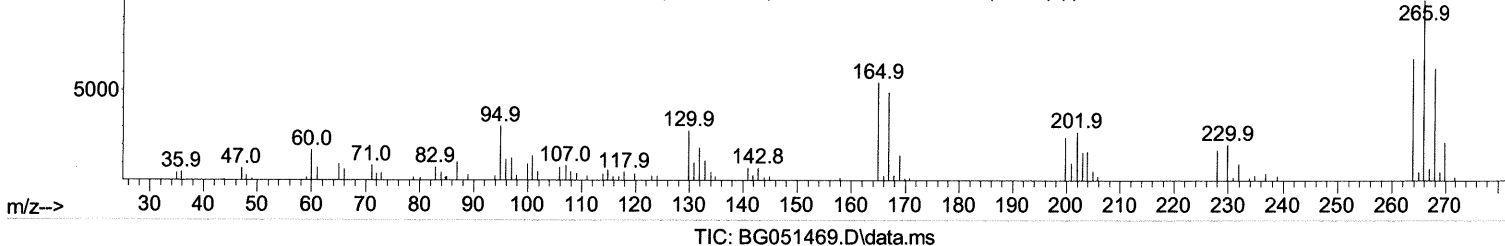
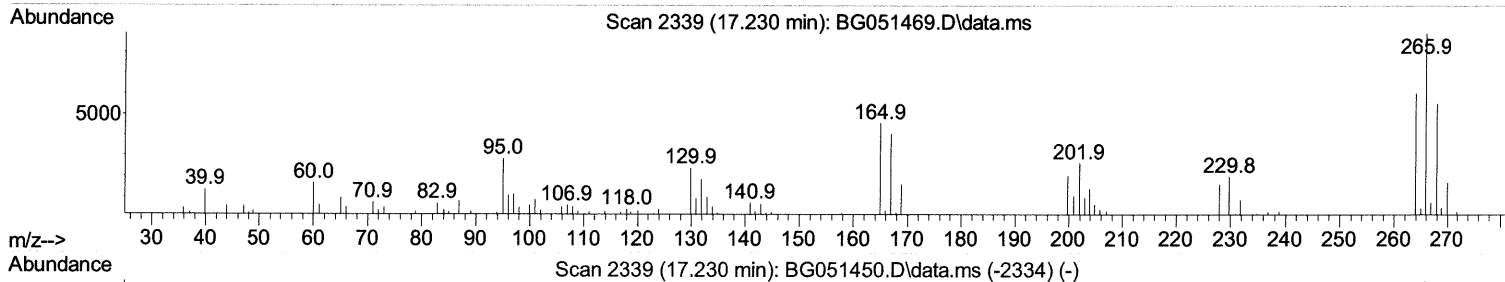
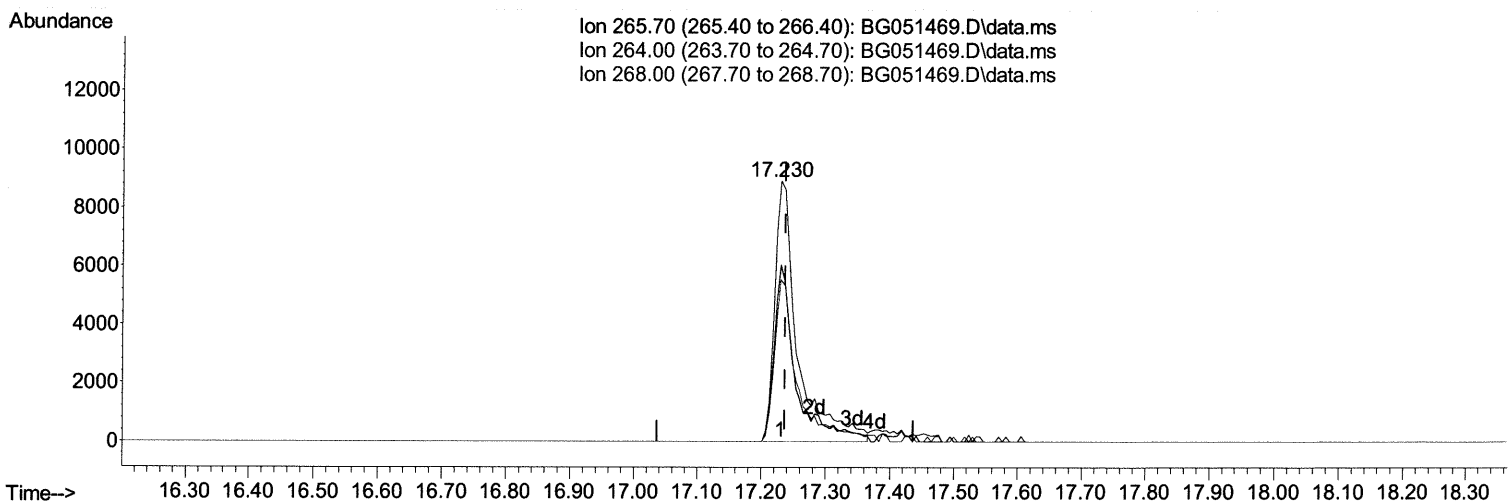
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120921\
 Data File : BG051469.D
 Acq On : 11 Dec 2021 00:27
 Operator : CG/JU
 Sample : PB141311B5
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
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(71) Pentachlorophenol (C)

17.230min (-0.007) 31.58 ng/ul m 12/11/21

response 21975

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	67.90	67.77
268.00	63.80	62.11
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	8.187	152	22834	20.000 ng/ul	0.00
20) Naphthalene-d8	11.007	136	102355	20.000 ng/ul	0.00
38) Acenaphthene-d10	14.815	164	68461	20.000 ng/ul	0.00
64) Phenanthrene-d10	17.565	188	156164	20.000 ng/ul	0.00
79) Chrysene-d12	21.865	240	140607	20.000 ng/ul	0.00
88) Perylene-d12	25.267	264	137657	20.000 ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.534	96	4249	6.111 ng/ul	0.00
4) Pyridine-d5	3.969	84	52614	26.351 ng/ul	0.00
7) Phenol-d5	7.359	99	73452	31.598 ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.500	67	48376	32.452 ng/ul	0.00
11) 2-Chlorophenol-d4	7.723	132	53732	32.490 ng/ul	0.00
15) 4-Methylphenol-d8	8.916	113	57609	31.547 ng/ul	0.00
21) Nitrobenzene-d5	9.368	128	28242	31.808 ng/ul	0.00
24) 2-Nitrophenol-d4	10.091	143	32003	31.853 ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.649	165	53659	32.829 ng/ul	0.00
31) 4-Chloroaniline-d4	11.160	131	88743	37.120 ng/ul	0.00
46) Dimethylphthalate-d6	14.216	166	175639	33.155 ng/ul	0.00
49) Acenaphthylene-d8	14.515	160	217102	32.359 ng/ul	0.00
54) 4-Nitrophenol-d4	15.073	143	21941	27.510 ng/ul	0.01
60) Fluorene-d10	15.808	176	156836	33.258 ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.949	200	30665m	33.045 ng/ul	> 0.00
73) Anthracene-d10	17.664	188	240247	32.880 ng/ul	0.00
81) Pyrene-d10	19.944	212	292447	34.603 ng/ul	0.00
92) Benzo(a)pyrene-d12	25.026	264	252421	35.551 ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.569	88	8877	11.441 ng/ul	88
5) Pyridine	3.992	79	54128	25.971 ng/ul	96
6) Benzaldehyde	7.324	77	50207	33.975 ng/ul	98
8) Phenol	7.388	94	73782	31.010 ng/ul	99
10) Bis(2-Chloroethyl)ether	7.594	93	55290	30.339 ng/ul	99
12) 2-Chlorophenol	7.752	128	52182	30.802 ng/ul	98
13) 2-Methylphenol	8.646	108	53890	30.422 ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.704	45	82888	30.226 ng/ul	94
16) Acetophenone	9.022	105	85829	30.352 ng/ul	95
17) N-Nitroso-di-n-propyla...	8.992	70	51710	30.503 ng/ul	99
18) 4-Methylphenol	8.980	108	57074	30.670 ng/ul	95
19) Hexachloroethane	9.262	117	22116	30.192 ng/ul	98
22) Nitrobenzene	9.409	77	75632	31.310 ng/ul	100
23) Isophorone	9.926	82	139728	30.129 ng/ul	99
25) 2-Nitrophenol	10.126	139	30925	30.738 ng/ul	99
26) 2,4-Dimethylphenol	10.179	107	62593	29.379 ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.402	93	77587	30.891 ng/ul	98
29) 2,4-Dichlorophenol	10.678	162	50905	31.766 ng/ul	97
30) Naphthalene	11.060	128	172973	30.773 ng/ul	98
32) 4-Chloroaniline	11.184	127	67875	28.224 ng/ul	100
33) Hexachlorobutadiene	11.319	225	34058	31.158 ng/ul	99
34) Caprolactam	11.971	113	19407m	29.226 ng/ul	>
35) 4-Chloro-3-methylphenol	12.312	107	60535	30.411 ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.653	142	115315	30.764	ng/ul	98
37) 1-Methylnaphthalene	12.870	142	119628	31.006	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	13.017	216	66446	31.170	ng/ul	98
40) Hexachlorocyclopentadiene	12.976	237	30953	27.421	ng/ul	99
41) 2,4,6-Trichlorophenol	13.270	196	43217	31.383	ng/ul	96
42) 2,4,5-Trichlorophenol	13.364	196	45540	30.890	ng/ul	99
43) 1,1'-Biphenyl	13.646	154	158636	30.994	ng/ul	99
44) 2-Chloronaphthalene	13.698	162	125473	31.245	ng/ul	97
45) 2-Nitroaniline	13.922	65	47823	31.506	ng/ul	95
47) Dimethylphthalate	14.262	163	165166	30.936	ng/ul	98
48) 2,6-Dinitrotoluene	14.403	165	35896	31.773	ng/ul	97
50) Acenaphthylene	14.545	152	203424	30.727	ng/ul	98
51) 3-Nitroaniline	14.750	138	35303	32.449	ng/ul	95
52) Acenaphthene	14.879	153	132791	30.570	ng/ul	96
53) 2,4-Dinitrophenol	14.979	184	16537m	28.304	ng/ul	> 12/16/21JU
55) 4-Nitrophenol	15.085	109	25629m	32.302	ng/ul	
56) Dibenzofuran	15.214	168	189788	30.817	ng/ul	94
57) 2,4-Dinitrotoluene	15.197	165	51464	31.869	ng/ul#	94
58) 2,3,4,6-Tetrachlorophenol	15.449	232	37439	33.517	ng/ul	100
59) Diethylphthalate	15.608	149	178059	30.901	ng/ul	99
61) Fluorene	15.861	166	154680	31.013	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.843	204	81338	31.064	ng/ul	94
63) 4-Nitroaniline	15.914	138	32809	33.972	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.966	198	27966	30.997	ng/ul	99
67) N-Nitrosodiphenylamine	16.060	169	140994	32.387	ng/ul	97
68) 4-Bromophenyl-phenylether	16.742	248	50699	32.153	ng/ul	94
69) Hexachlorobenzene	16.865	284	52295	32.537	ng/ul	97
70) Atrazine	17.006	200	50574	26.924	ng/ul	98
71) Pentachlorophenol	17.230	266	21975m	31.582	ng/ul	> 12/16/21JU
72) Phenanthrene	17.612	178	271101	32.220	ng/ul	
74) Anthracene	17.706	178	265895	31.569	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.622	216	69512	31.832	ng/ul	96
76) Pentachlorobenzene	15.132	250	61676	31.195	ng/ul	99
77) Carbazole	17.982	167	247046	32.950	ng/ul	99
78) Di-n-butylphthalate	18.493	149	321523	31.986	ng/ul	99
80) Fluoranthene	19.615	202	346046	33.255	ng/ul	97
82) Pyrene	19.979	202	334846	32.791	ng/ul	97
83) Butylbenzylphthalate	20.831	149	141619	31.798	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.754	252	92653	31.204	ng/ul	98
85) Benzo(a)anthracene	21.848	228	308173	33.179	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.695	149	204333	33.031	ng/ul	100
87) Chrysene	21.912	228	296563	33.486	ng/ul	99
89) Di-n-octyl phthalate	22.952	149	342510	33.833	ng/ul	100
90) Benzo(b)fluoranthene	24.174	252	306581	33.905	ng/ul	99
91) Benzo(k)fluoranthene	24.245	252	286778	34.052	ng/ul	99
93) Benzo(a)pyrene	25.103	252	291173	33.809	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.186	276	293757	30.734	ng/ul	99
95) Dibenzo(a,h)anthracene	29.221	278	251210	31.178	ng/ul	98
96) Benzo(g,h,i)perylene	30.408	276	251925	31.517	ng/ul	99

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