

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG110517\
 Data File : BG030759.D
 Acq On : 6 Nov 2017 4:07
 Operator : SJ/JU
 Sample : I6126-05
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0EE1

Manual Integrations
 APPROVED

Sohil
 11/6/2017 2:19:48 PM

Quant Time: Nov 06 06:01:56 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 06 01:27:00 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	78716	20.00	ng/ul	0.00
18) Naphthalene-d8	10.97	136	361692	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.78	164	242136	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.51	188	575040	20.00	ng/ul	0.00
75) Chrysene-d12	21.79	240	588928	20.00	ng/ul	0.00
83) Perylene-d12	25.10	264	608587	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.54	96	7810	4.03	ng/uL	0.00
5) Phenol-d5	7.31	99	167078	22.12	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.47	67	96451	20.40	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	137643	25.83	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	131927	21.62	ng/ul	0.01
19) Nitrobenzene-d5	9.32	128	68466	26.37	ng/ul	0.00
22) 2-Nitrophenol-d4	10.05	143	77315	29.06	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	149462	24.65	ng/ul	0.00
29) 4-Chloroaniline-d4	11.10	131	125937	17.88	ng/ul	0.00
43) Dimethylphthalate-d6	14.17	166	502634	24.28	ng/ul	0.00
46) Acenaphthylene-d8	14.47	160	626611	24.89	ng/ul	0.00
51) 4-Nitrophenol-d4	14.98	143	73284	19.18	ng/ul	0.01
57) Fluorene-d10	15.76	176	476048	28.08	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.88	200	15936	5.68	ng/ul	0.01
70) Anthracene-d10	17.61	188	719166	26.44	ng/ul	0.01
76) Pyrene-d10	19.89	212	793461	26.03	ng/ul	0.01
87) Benzo(a)pyrene-d12	24.88	264	790826	27.44	ng/ul	0.02

Target Compounds

					Ovalue
6) Phenol	7.34	94	29103	3.723	ng/ul 90
44) Dimethylphthalate	14.22	163	235062	11.642	ng/ul 99
47) Acenaphthylene	14.50	152	34939	1.360	ng/ul 98
69) Phenanthrene	17.56	178	203887	6.559	ng/ul 98
74) Fluoranthene	19.55	202	253810	7.306	ng/ul 99
77) Pyrene	19.92	202	361881	9.168	ng/ul 99
80) Benzo(a)anthracene	21.77	228	147975	4.009	ng/ul 96
82) Chrysene	21.83	228	193584	5.773	ng/ul 96
85) Benzo(b)fluoranthene	24.04	252	168807	4.620	ng/ul 97
86) Benzo(k)fluoranthene	24.10	252	51996m	1.472	ng/ul
88) Benzo(a)pyrene	24.94	252	137568	3.868	ng/ul 95
89) Indeno(1,2,3-cd)pyrene	28.88	276	82709	2.056	ng/ul 94
91) Benzo(g,h,i)perylene	30.07	276	83770	2.512	ng/ul 96

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

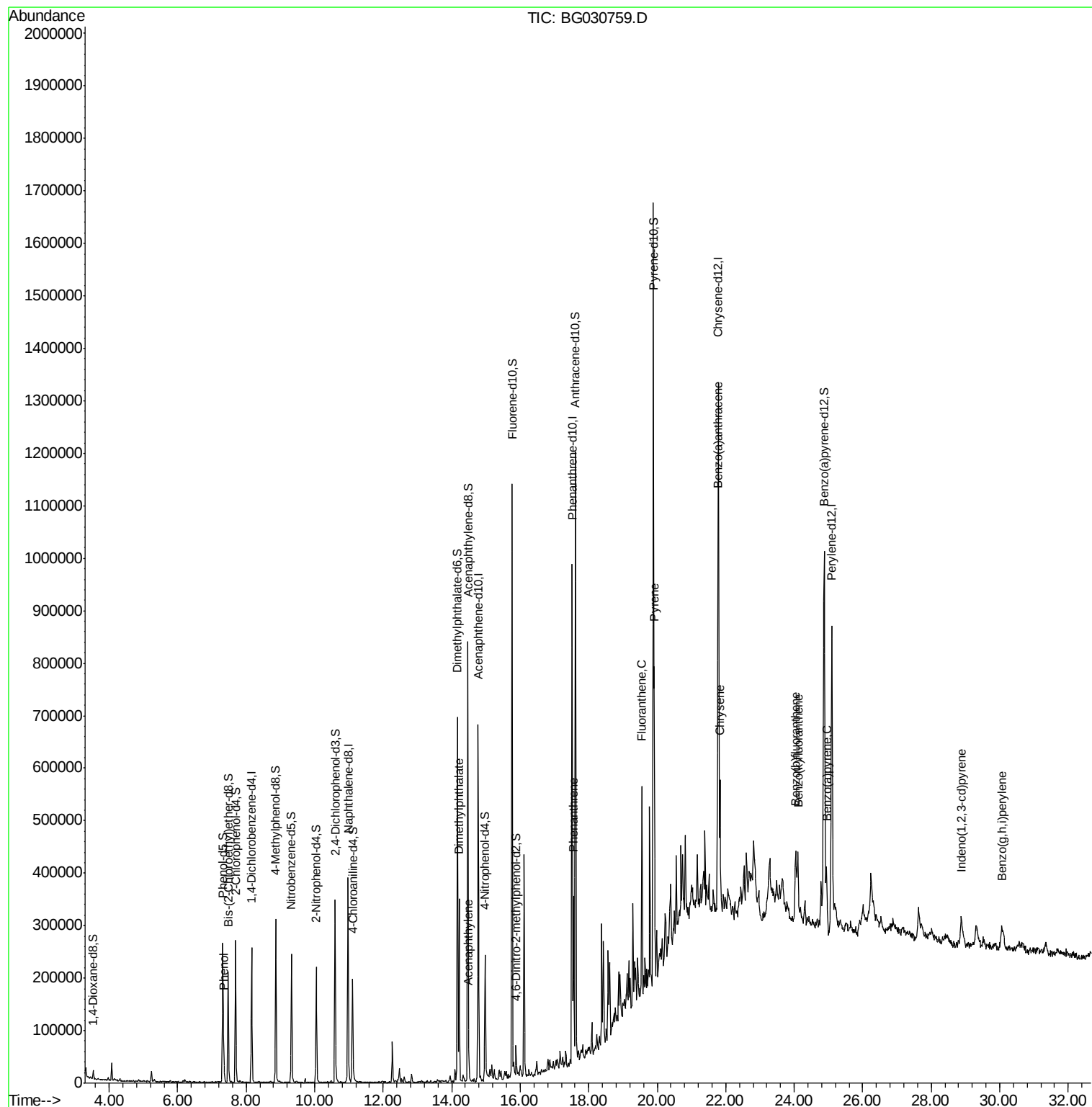
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG110517\
Data File : BG030759.D
Acq On : 6 Nov 2017 4:07
Operator : SJ/JU
Sample : I6126-05
Misc :
ALS Vial : 26 Sample Multiplier: 1

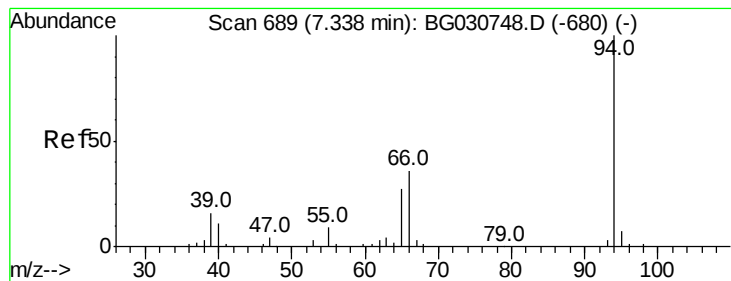
Instrument :
BNA_G
ClientSampled :
B0EE1

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Quant Time: Nov 06 06:01:56 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 06 01:27:00 2017
Response via : Initial Calibration





#6

Phenol

Concen: 3.723 ng/ul

RT: 7.34 min Scan# 690

Delta R.T. 0.01 min

Lab File: BG030759.D

Acq: 6 Nov 2017 4:07

Instrument :

BNA_G

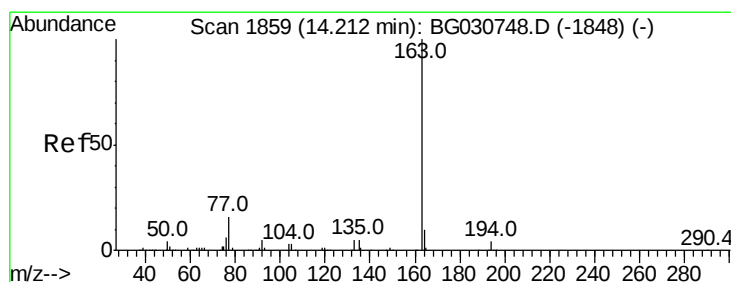
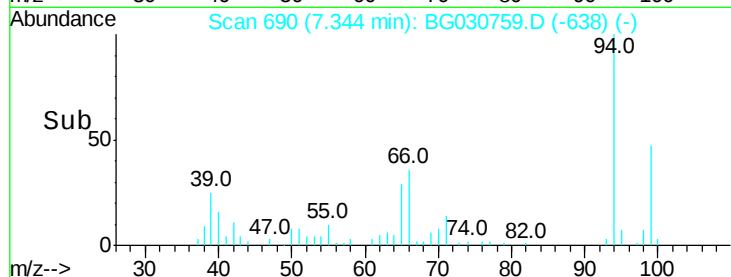
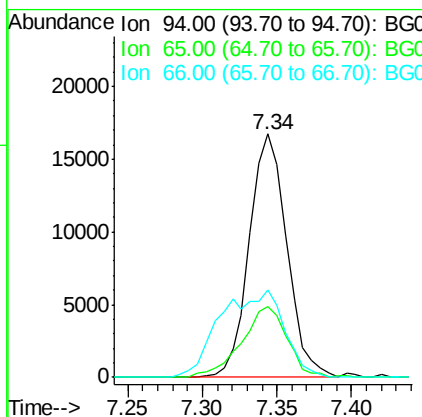
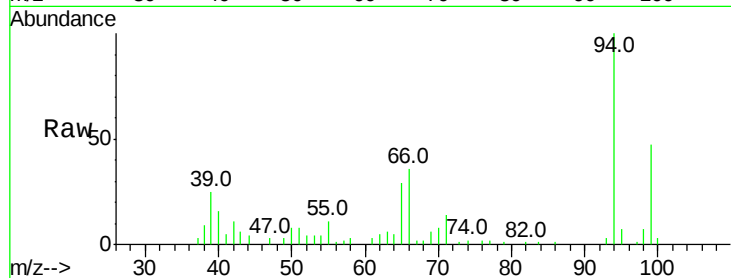
ClientSampleId :

B0EE1

Tot Ion:	94	Resp:	29103
Ion Ratio	Lower	Upper	
94	100		
65	29.1	27.1	40.7
66	35.7	34.6	52.0

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#44

Dimethylphthalate

Concen: 11.642 ng/ul

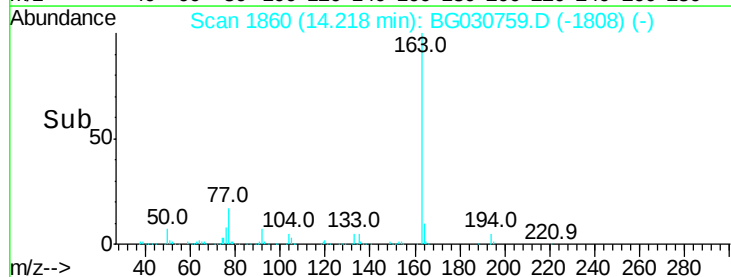
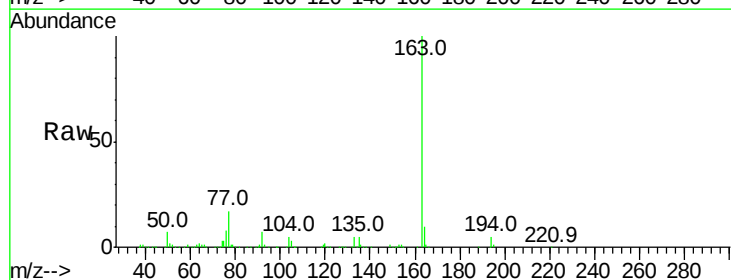
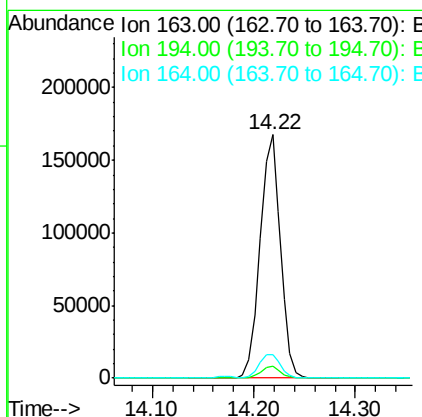
RT: 14.22 min Scan# 1860

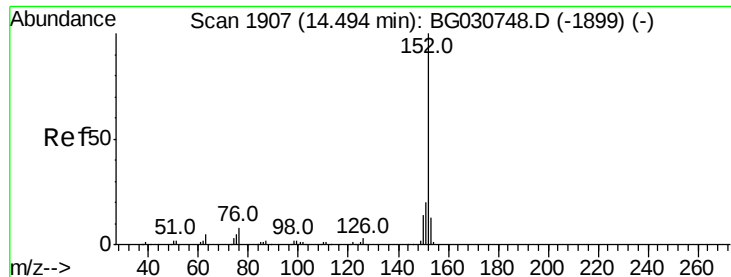
Delta R.T. 0.01 min

Lab File: BG030759.D

Acq: 6 Nov 2017 4:07

Tgt Ion:	163	Resp:	235062
Ion Ratio	Lower	Upper	
163	100		
194	4.8	3.5	5.3
164	9.9	7.6	11.4





#47

Acenaphthylene

Concen: 1.360 ng/ul

RT: 14.50 min Scan# 1908

Delta R.T. 0.01 min

Lab File: BG030759.D

Acq: 6 Nov 2017 4:07

Instrument :

BNA_G

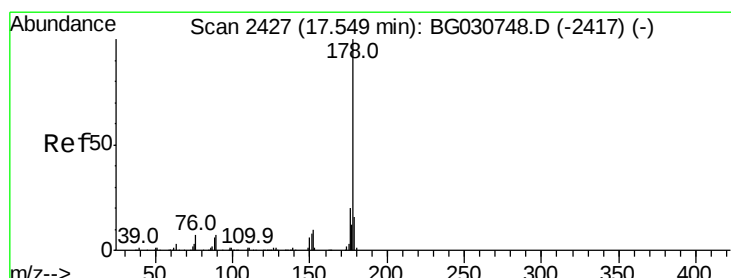
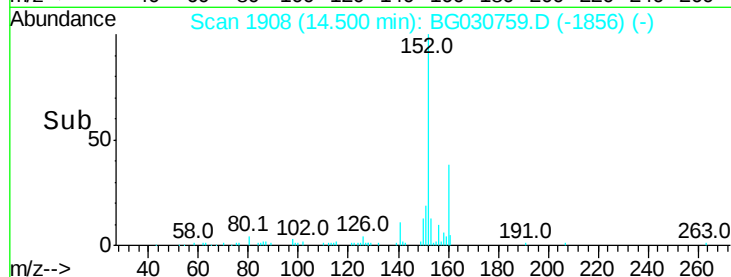
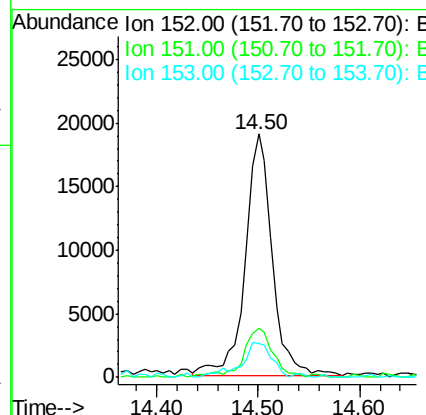
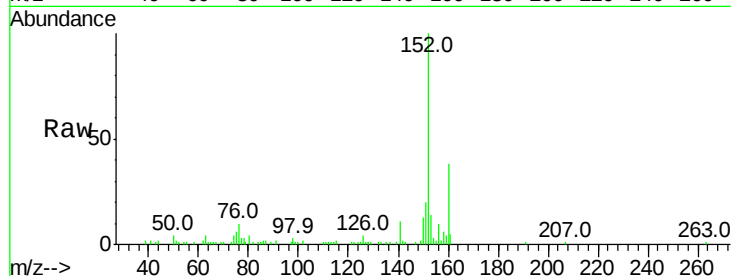
ClientSampled :

B0EE1

Tot Ion:	152	Resp:	34939
Ion Ratio	Lower	Upper	
152	100		
151	20.0	15.2	22.8
153	13.8	10.2	15.4

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#69

Phenanthrene

Concen: 6.559 ng/ul

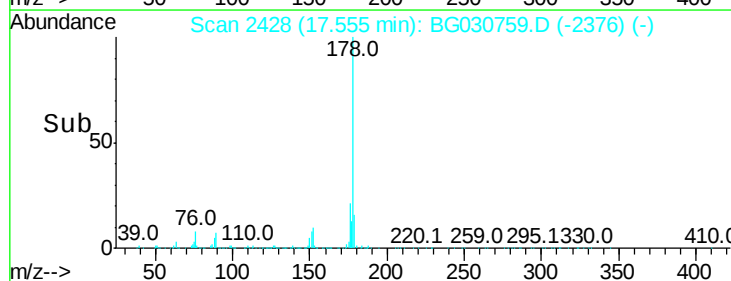
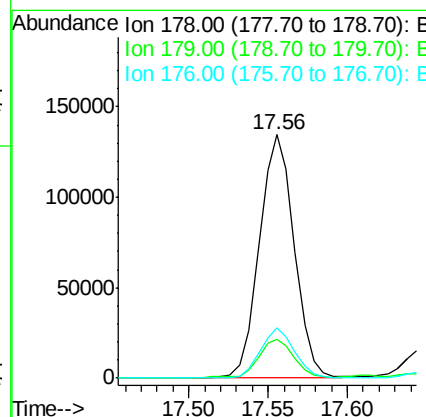
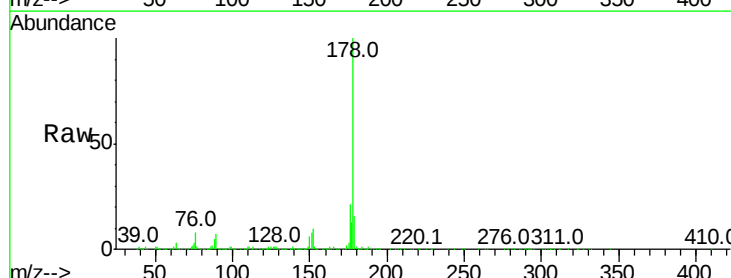
RT: 17.56 min Scan# 2428

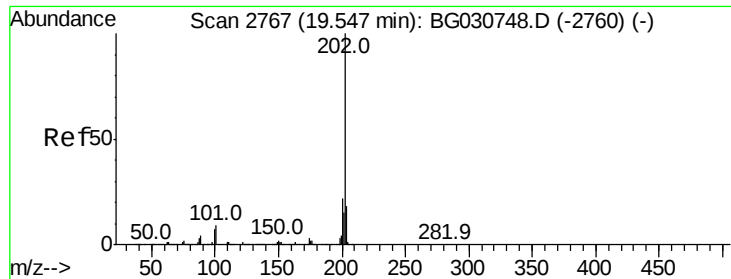
Delta R.T. 0.01 min

Lab File: BG030759.D

Acq: 6 Nov 2017 4:07

Tgt Ion:	178	Resp:	203887
Ion Ratio	Lower	Upper	
178	100		
179	15.9	13.0	19.6
176	20.7	15.3	22.9





#74

Fluoranthene

Concen: 7.306 ng/ul

RT: 19.55 min Scan# 2768

Delta R.T. 0.01 min

Lab File: BG030759.D

Acq: 6 Nov 2017 4:07

Instrument :

BNA_G

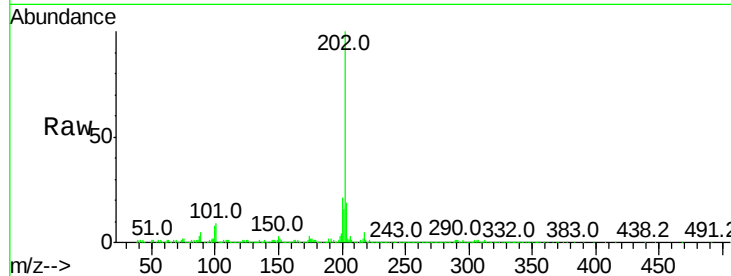
ClientSampleId :

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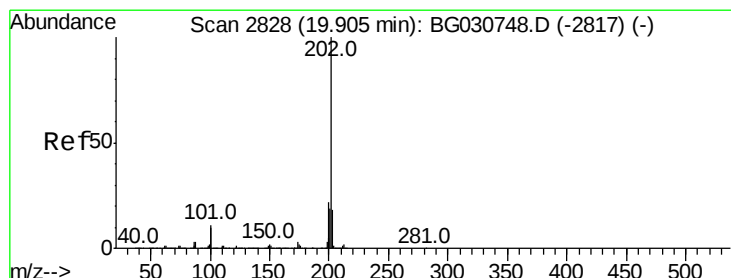
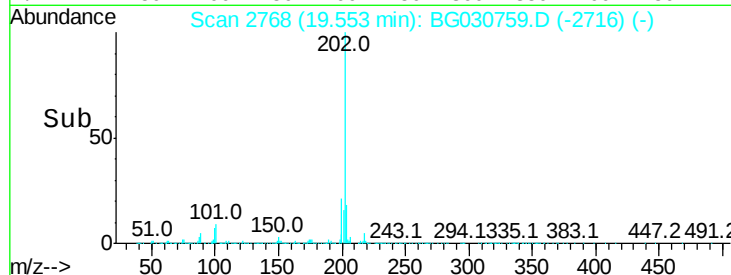
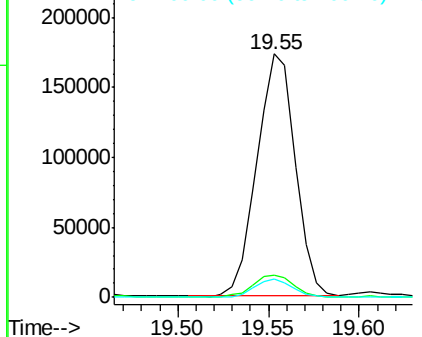
Tot Ion	Ratio	Resp	Lower	Upper
202	100	253810		
101	9.3	7.4	11.2	
100	7.6	5.6	8.4	

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B



#77

Pyrene

Concen: 9.168 ng/ul

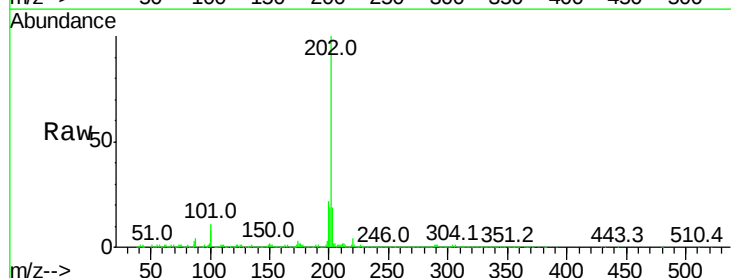
RT: 19.92 min Scan# 2830

Delta R.T. 0.01 min

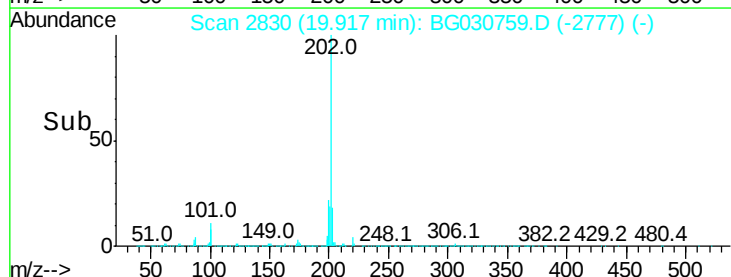
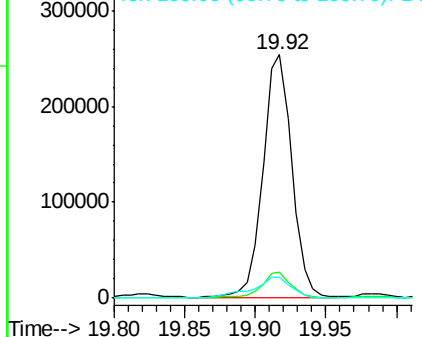
Lab File: BG030759.D

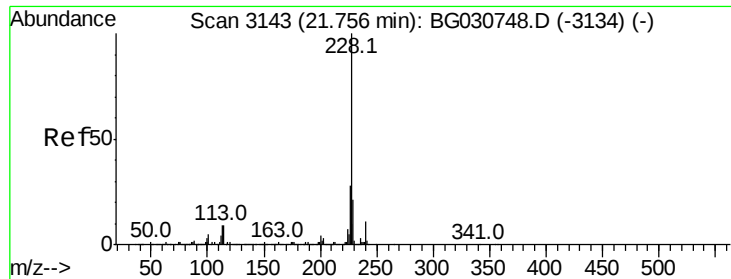
Acq: 6 Nov 2017 4:07

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	361881		
101	10.7	8.4	12.6	
100	8.5	7.0	10.6	



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B





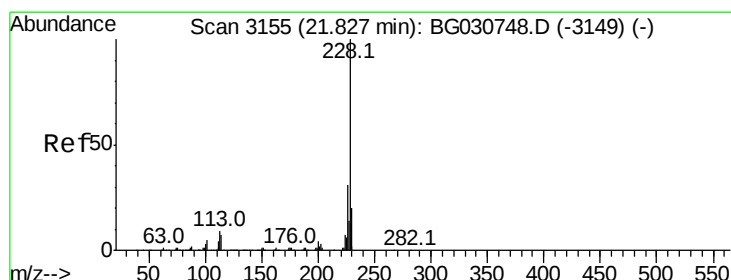
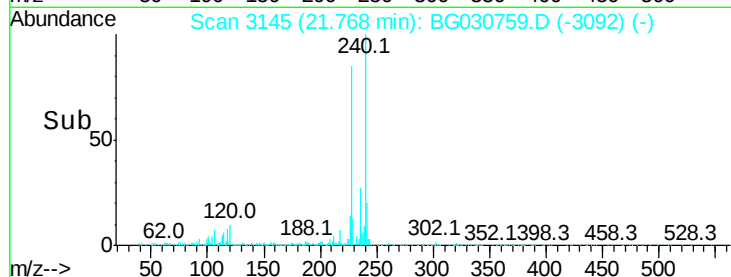
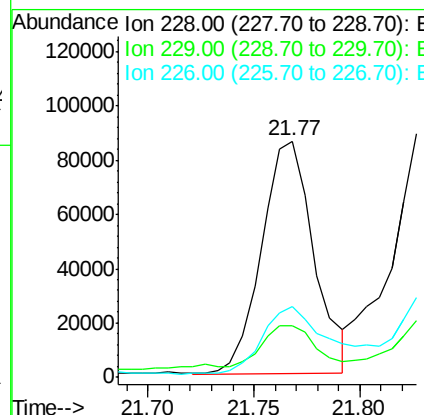
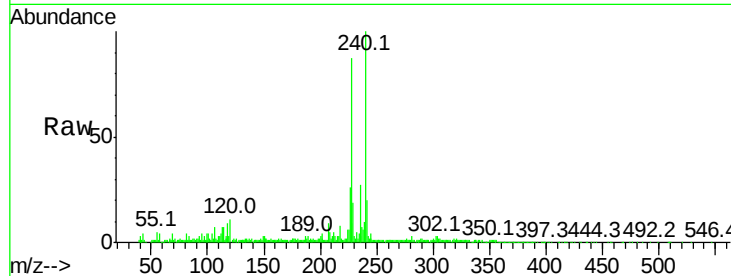
#80
Benzo(a)anthracene
Concen: 4.009 ng/ul
RT: 21.77 min Scan# 3145
Delta R.T. 0.01 min
Lab File: BG030759.D
Acq: 6 Nov 2017 4:07

Instrument :
BNA_G
ClientSampleId :
B0EE1

Tot Ion	Ratio	Lower	Upper
228	100		
229	21.9	16.2	24.4
226	29.9	22.2	33.2

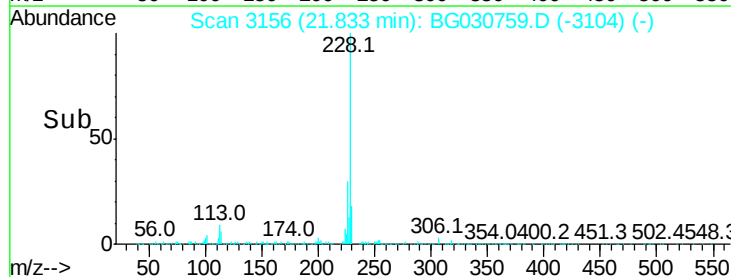
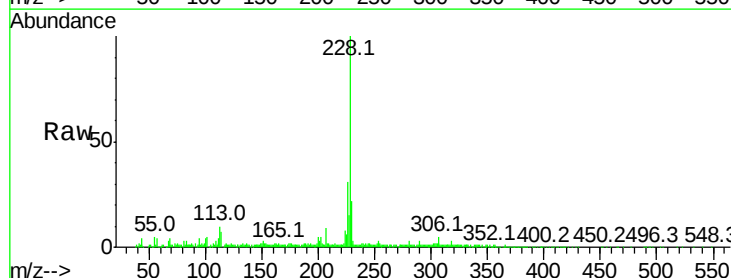
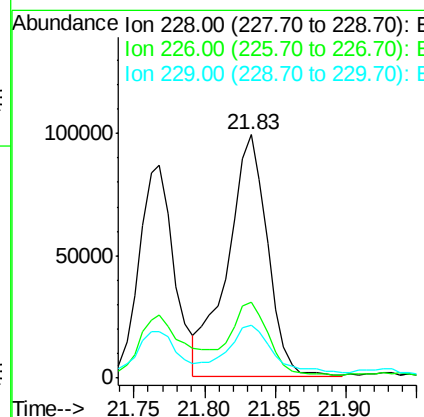
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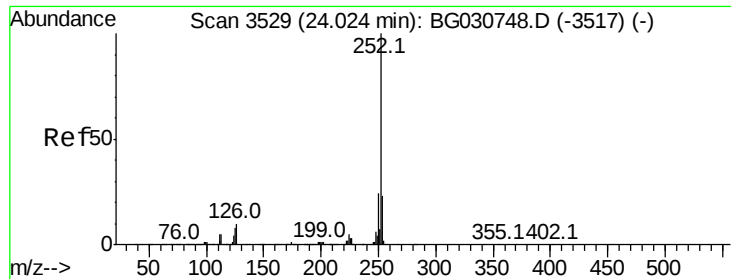
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#82
Chrysene
Concen: 5.773 ng/ul
RT: 21.83 min Scan# 3156
Delta R.T. 0.01 min
Lab File: BG030759.D
Acq: 6 Nov 2017 4:07

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.2	36.2
229	21.5	15.2	22.8





#85

Benzo(b)fluoranthene

Concen: 4.620 ng/ul

RT: 24.04 min Scan# 3532

Delta R.T. 0.02 min

Lab File: BG030759.D

Acq: 6 Nov 2017 4:07

Instrument :

BNA_G

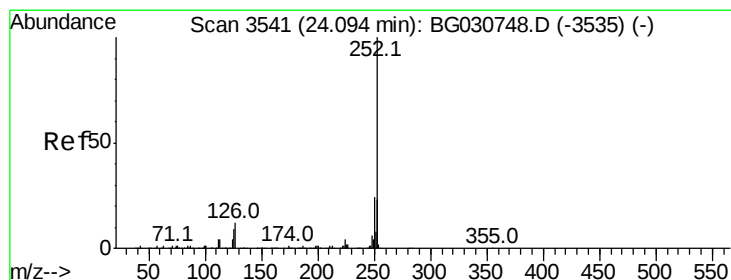
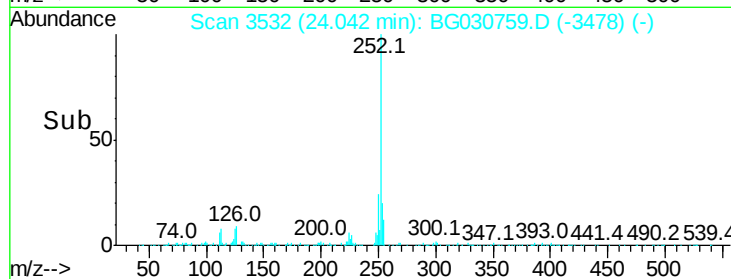
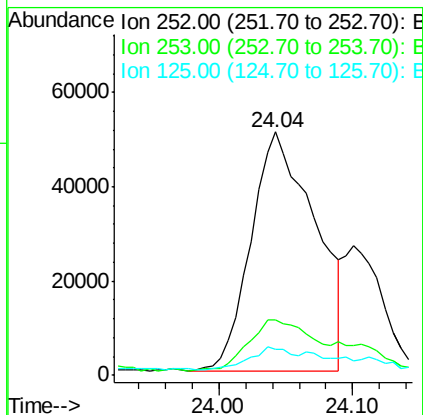
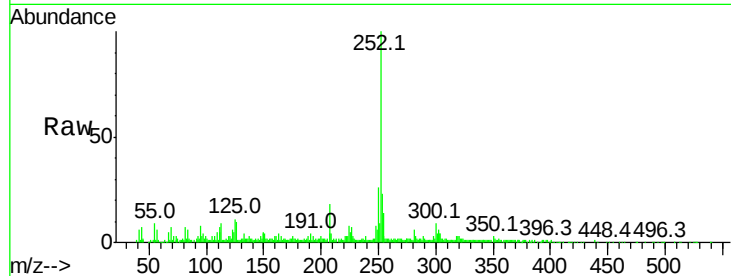
ClientSampleId :

B0EE1

Tot Ion:	252	Resp:	168807
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.0	25.4
125	10.8	7.5	11.3

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#86

Benzo(k)fluoranthene

Concen: 1.472 ng/ul m

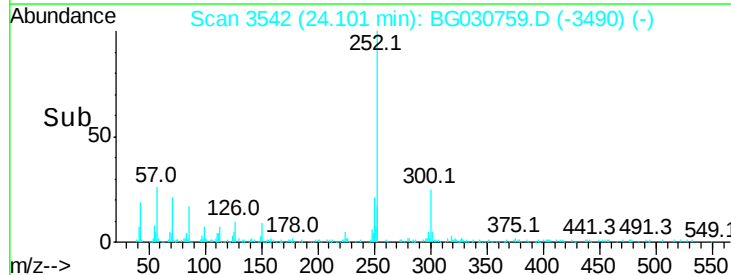
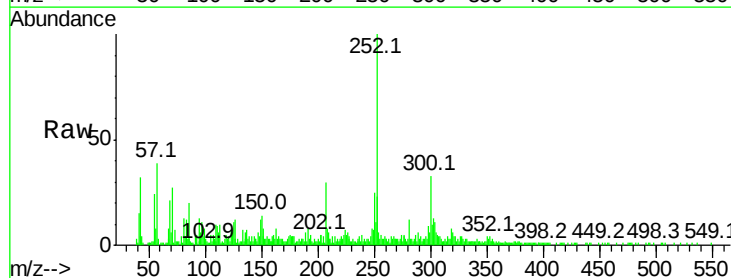
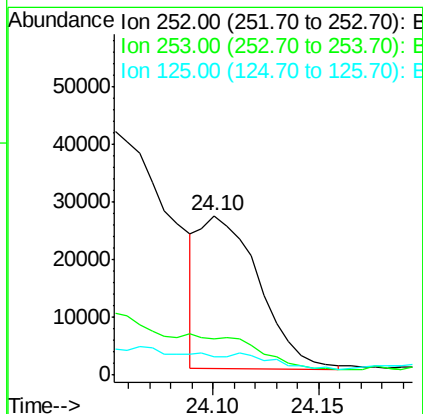
RT: 24.10 min Scan# 3542

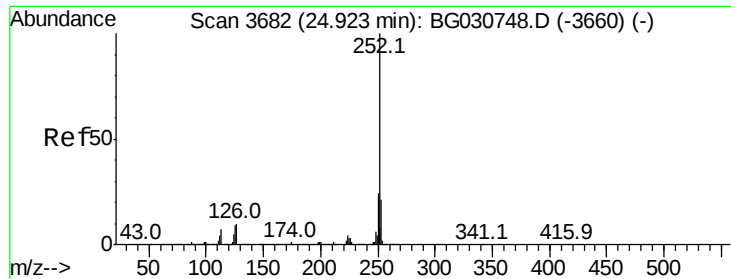
Delta R.T. 0.01 min

Lab File: BG030759.D

Acq: 6 Nov 2017 4:07

Tgt Ion:	252	Resp:	51996
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.2	25.8
125	11.3	7.8	11.8





#88

Benzo(a)pyrene

Concen: 3.868 ng/ul

RT: 24.94 min Scan# 3685

Delta R.T. 0.02 min

Lab File: BG030759.D

Acq: 6 Nov 2017 4:07

Instrument :

BNA_G

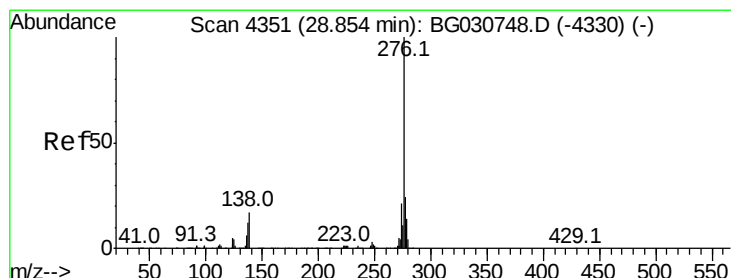
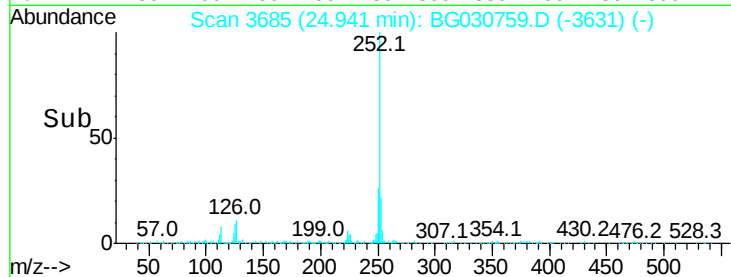
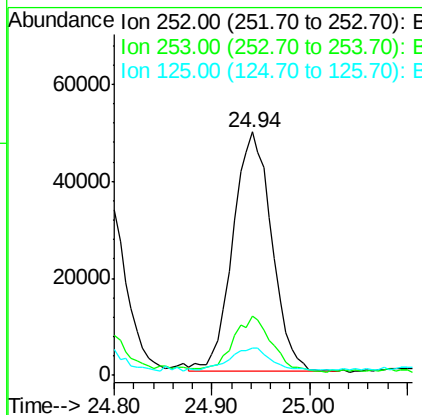
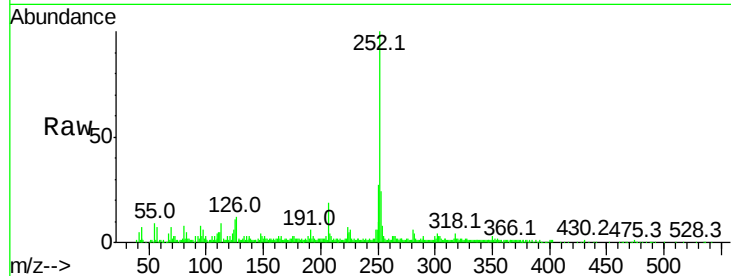
ClientSampleId :

B0EE1

Tot Ion:	252	Resp:	137568
Ion Ratio	Lower	Upper	
252	100		
253	24.3	17.1	25.7
125	11.1	7.8	11.8

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#89

Indeno(1,2,3-cd)pyrene

Concen: 2.056 ng/ul

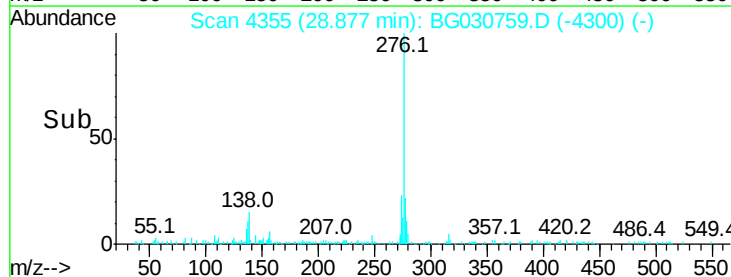
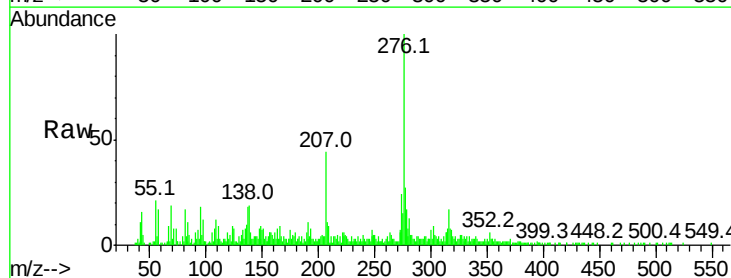
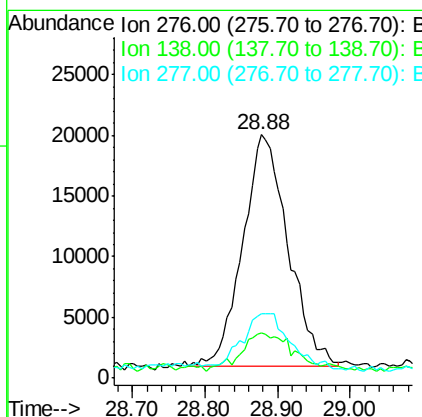
RT: 28.88 min Scan# 4355

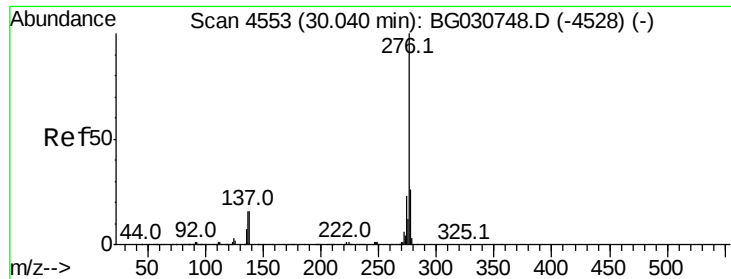
Delta R.T. 0.02 min

Lab File: BG030759.D

Acq: 6 Nov 2017 4:07

Tgt Ion:	276	Resp:	82709
Ion Ratio	Lower	Upper	
276	100		
138	18.6	13.4	20.0
277	26.5	18.6	28.0





#91

Benzo(a,h,i)perylene

Concen: 2.512 ng/ul

RT: 30.07 min Scan# 4558

Delta R.T. 0.03 min

Lab File: BG030759.D

Acq: 6 Nov 2017 4:07

Instrument :

BNA_G

ClientSampleId :

B0EE1

Tot Ion:276 Resp: 83770

Ion Ratio Lower Upper

276 100

138 17.4 12.1 18.1

277 23.9 17.7 26.5

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