

Data Path : Z:\HPCHEM1\BNA G\DATA\BG100717\
 Data File : BG029053.D
 Acq On : 7 Oct 2017 18:43
 Operator : SJ/JU
 Sample : I5576-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 08 06:28:26 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG100717MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Oct 07 17:49:18 2017
 Response via : Initial Calibration

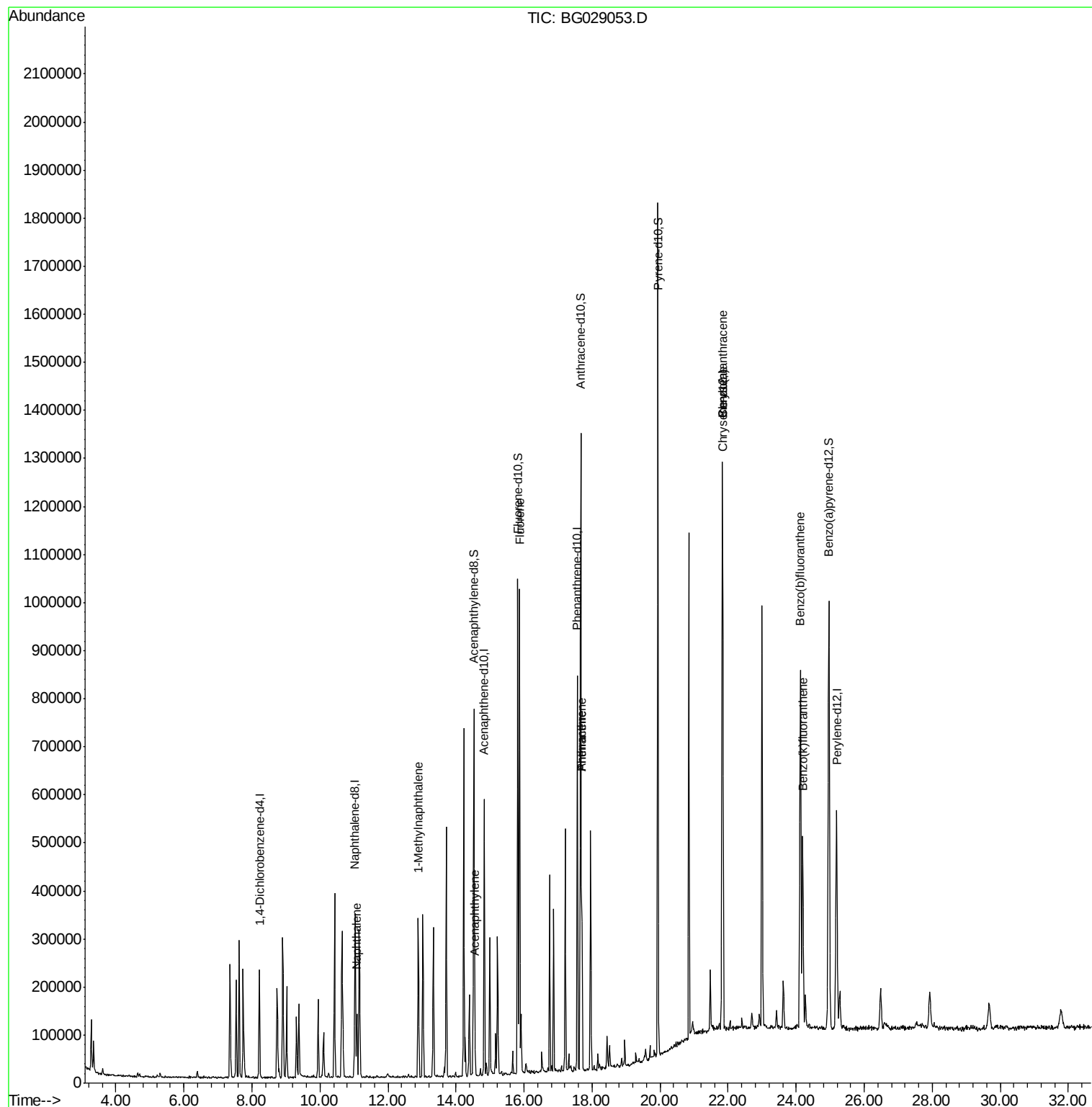
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.22	152	66999	20.00	ng/ul	0.00
2) Naphthalene-d8	11.03	136	307325	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.83	164	199981	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.57	188	491446	20.00	ng/ul	0.00
17) Chrysene-d12	21.84	240	471660	20.00	ng/ul	0.00
22) Perylene-d12	25.19	264	470170	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.52	160	577684	27.77	ng/ul	0.00
10) Fluorene-d10	15.81	176	438812	29.09	ng/ul	0.00
14) Anthracene-d10	17.67	188	819619	34.43	ng/ul	0.00
18) Pyrene-d10	19.93	212	937643	38.86	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.96	264	853369	37.89	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.09	128	113728	7.108	ng/ul	98
5) 1-Methylnaphthalene	12.89	142	159466	13.760	ng/ul#	95
8) Acenaphthylene	14.55	152	79235	3.957	ng/ul	98
11) Fluorene	15.87	166	384982	24.137	ng/ul	94
13) Phenanthrene	17.70	178	321340	12.259	ng/ul	98
15) Anthracene	17.70	178	322648	12.031	ng/ul	97
20) Benzo(a)anthracene	21.83	228	676968	24.371	ng/ul	99
21) Chrysene	21.83	228	676968	26.616	ng/ul	96
23) Benzo(b)fluoranthene	24.12	252	743000	26.416	ng/ul	98
24) Benzo(k)fluoranthene	24.19	252	365302	13.307	ng/ul	99

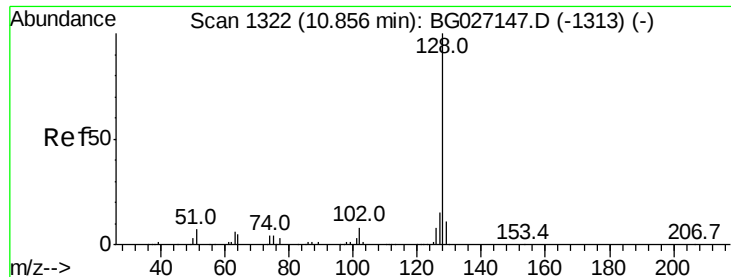
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 7.108 ng/ul

RT: 11.09 min Scan# 1361

Delta R.T. 0.00 min

Lab File: BG029053.D

Acq: 7 Oct 2017 18:43

Instrument :

BNA_G

ClientSampleId :

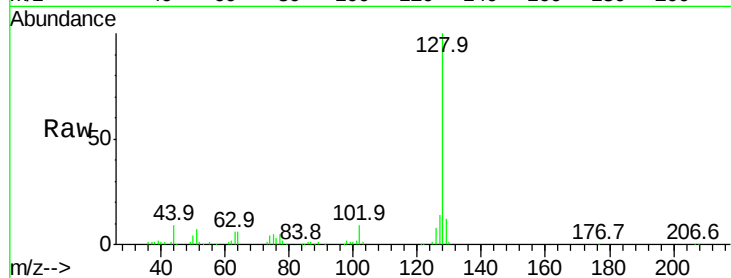
Tot Ion:128 Resp: 113728

Ion Ratio Lower Upper

128 100

129 11.7 8.7 13.1

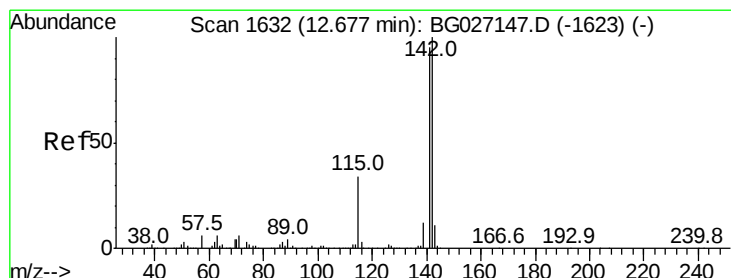
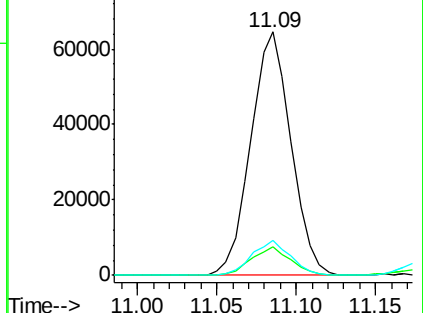
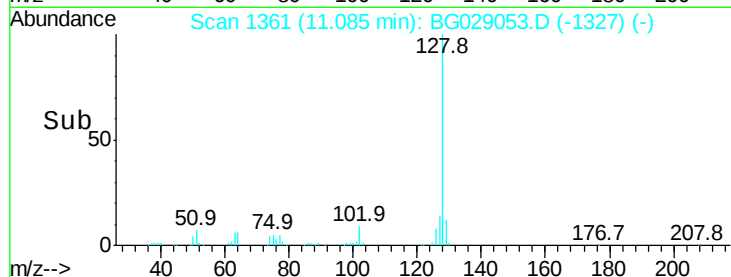
127 14.1 10.6 16.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

1-Methylnaphthalene

Concen: 13.760 ng/ul

RT: 12.89 min Scan# 1668

Delta R.T. -0.01 min

Lab File: BG029053.D

Acq: 7 Oct 2017 18:43

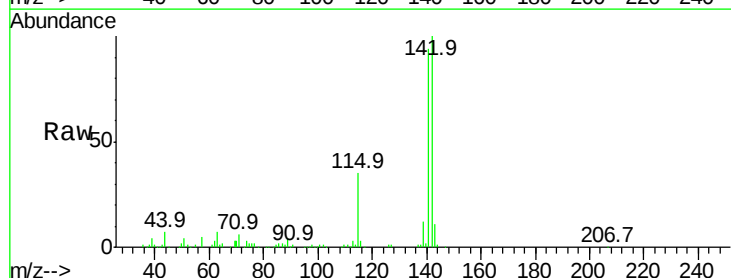
Tgt Ion:142 Resp: 159466

Ion Ratio Lower Upper

142 100

141 94.0 79.3 118.9

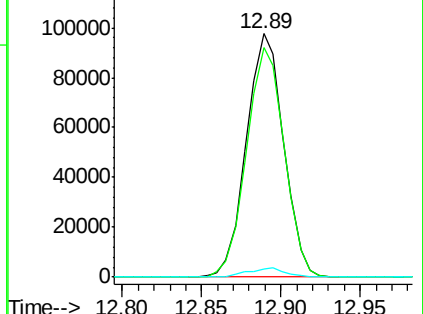
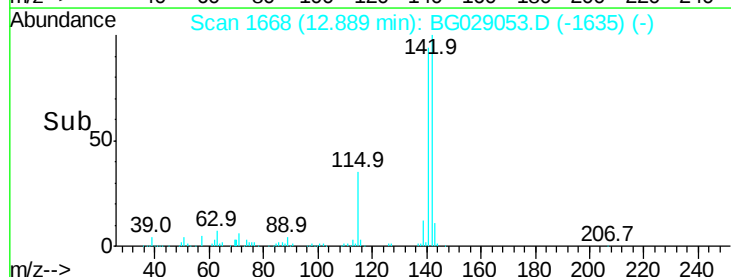
116 3.5 4.2 6.2#

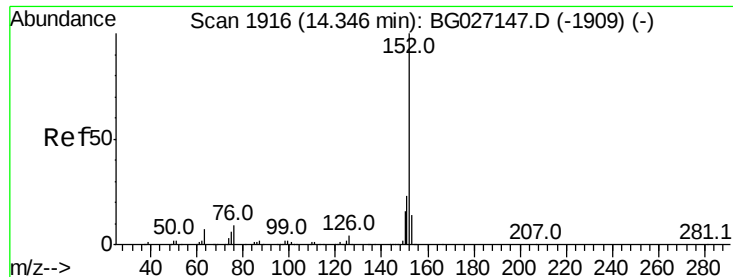


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#8

Acenaphthylene

Concen: 3.957 ng/ul

RT: 14.55 min Scan# 1951

Delta R.T. 0.00 min

Lab File: BG029053.D

Acq: 7 Oct 2017 18:43

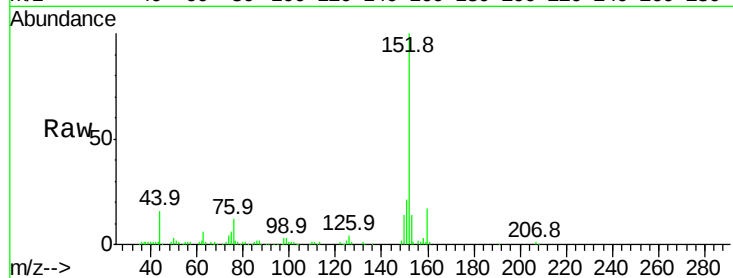
Instrument :

BNA_G

ClientSampleId :

Tot Ion:152 Resp: 79235

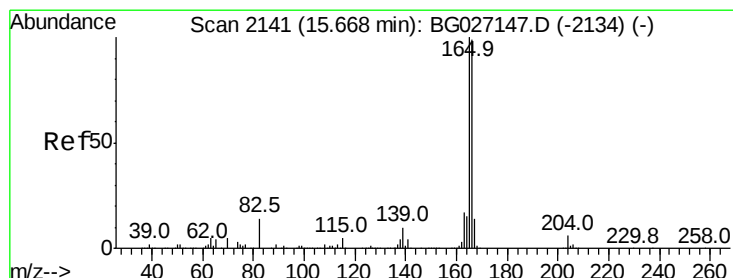
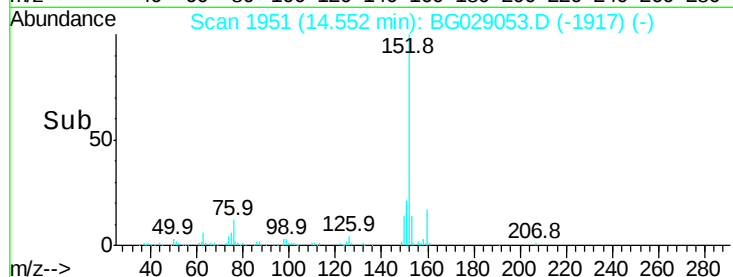
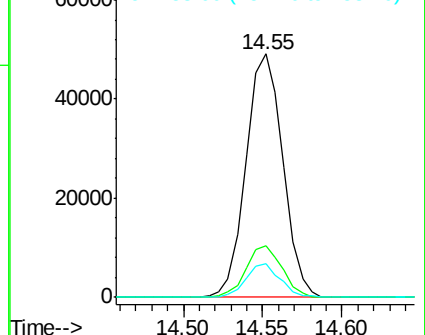
Ion	Ratio	Lower	Upper
152	100		
151	21.2	16.7	25.1
153	14.0	10.2	15.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#11

Fluorene

Concen: 24.137 ng/ul

RT: 15.87 min Scan# 2175

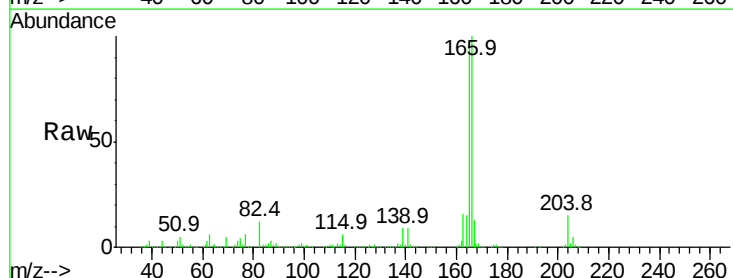
Delta R.T. -0.01 min

Lab File: BG029053.D

Acq: 7 Oct 2017 18:43

Tgt Ion:166 Resp: 384982

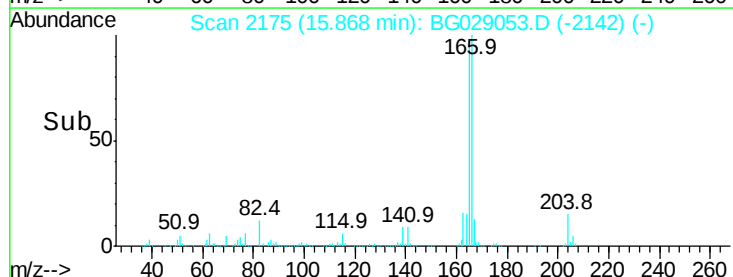
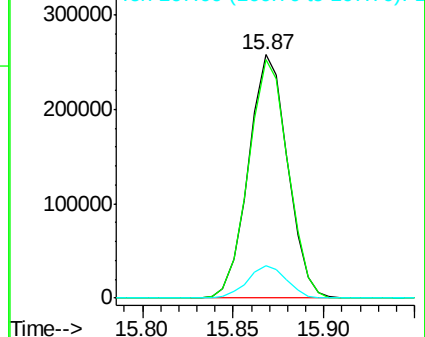
Ion	Ratio	Lower	Upper
166	100		
165	97.8	83.8	125.8
167	13.4	11.5	17.3

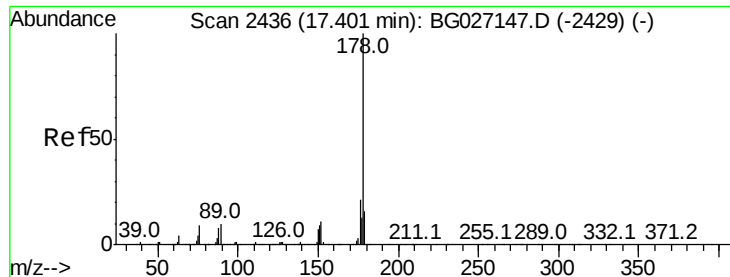


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#13

Phenanthrene

Concen: 12.259 ng/ul

RT: 17.70 min Scan# 2486

Delta R.T. 0.09 min

Lab File: BG029053.D

Acq: 7 Oct 2017 18:43

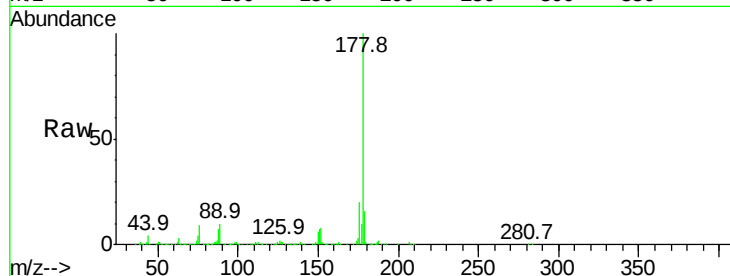
Instrument :

BNA_G

ClientSampleId :

Tot Ion:178 Resp: 321340

Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.3	18.5
176	20.0	15.1	22.7

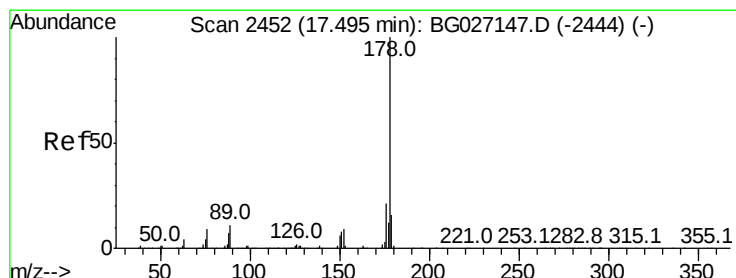
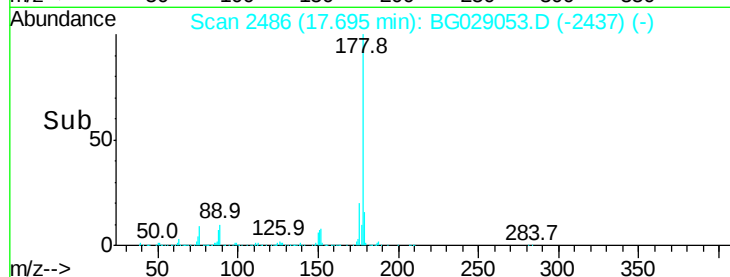
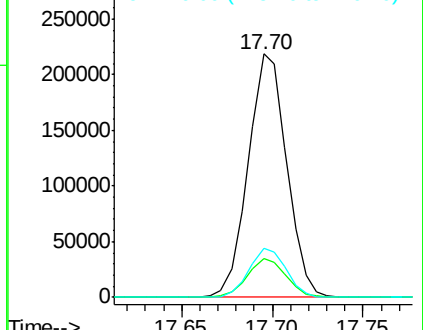


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#15

Anthracene

Concen: 12.031 ng/ul

RT: 17.70 min Scan# 2486

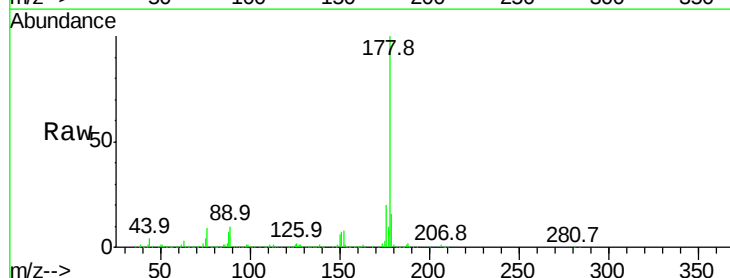
Delta R.T. -0.01 min

Lab File: BG029053.D

Acq: 7 Oct 2017 18:43

Tgt Ion:178 Resp: 322648

Ion	Ratio	Lower	Upper
178	100		
179	16.1	11.8	17.8
176	20.0	15.2	22.8

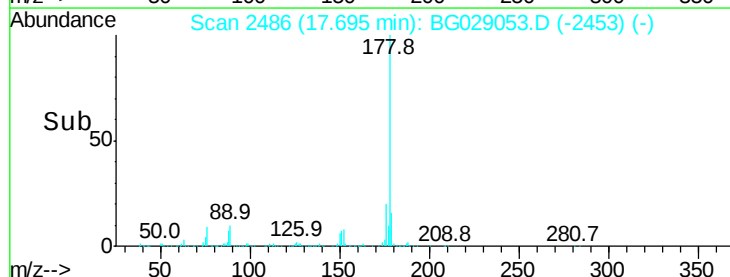
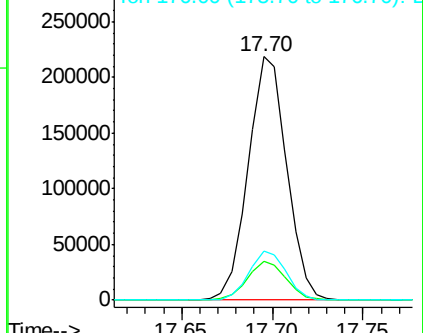


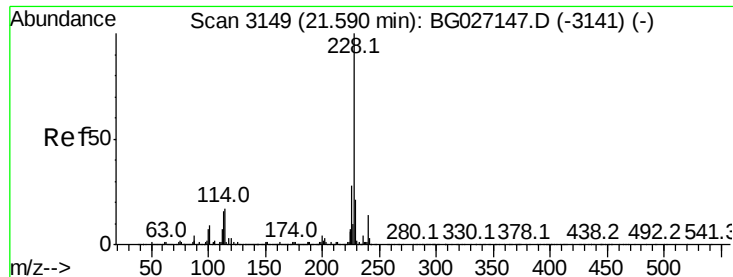
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#20

Benzo(a)anthracene

Concen: 24.371 ng/ul

RT: 21.83 min Scan# 3189

Delta R.T. 0.00 min

Lab File: BG029053.D

Acq: 7 Oct 2017 18:43

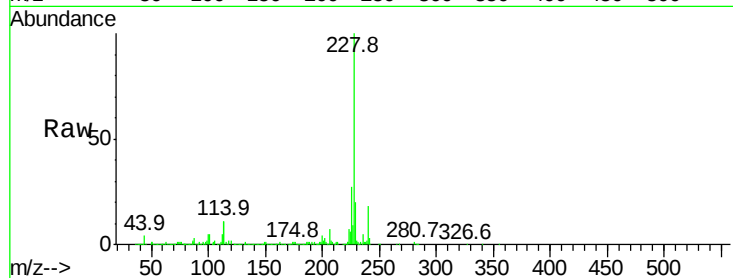
Instrument :

BNA_G

ClientSampled :

Tot Ion:228 Resp: 676968

Ion	Ratio	Lower	Upper
228	100		
229	19.8	15.7	23.5
226	27.0	21.1	31.7

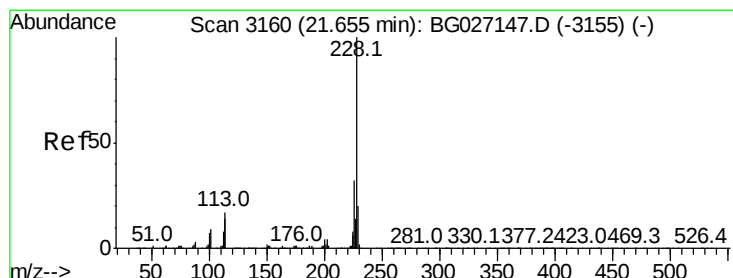
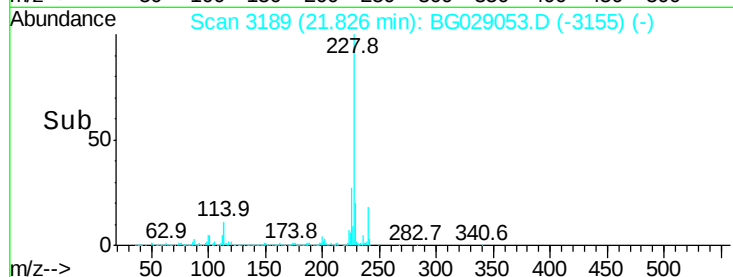
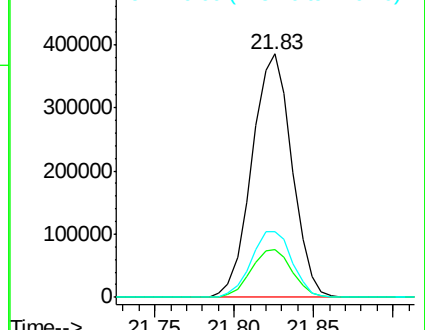


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#21

Chrysene

Concen: 26.616 ng/ul

RT: 21.83 min Scan# 3189

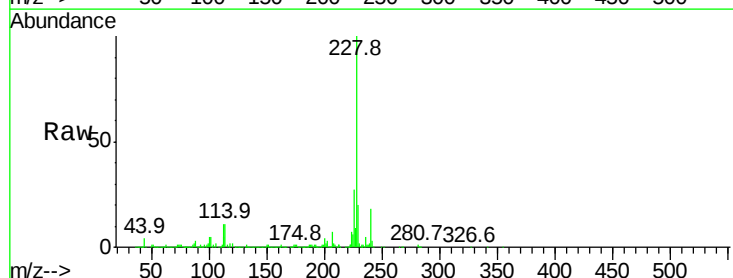
Delta R.T. -0.07 min

Lab File: BG029053.D

Acq: 7 Oct 2017 18:43

Tgt Ion:228 Resp: 676968

Ion	Ratio	Lower	Upper
228	100		
226	27.0	24.5	36.7
229	19.8	15.8	23.8

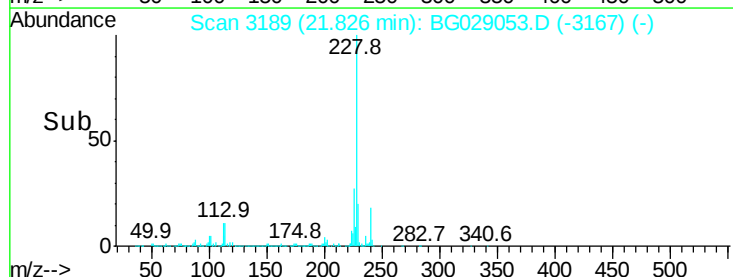
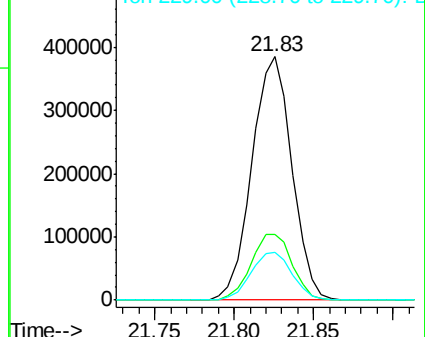


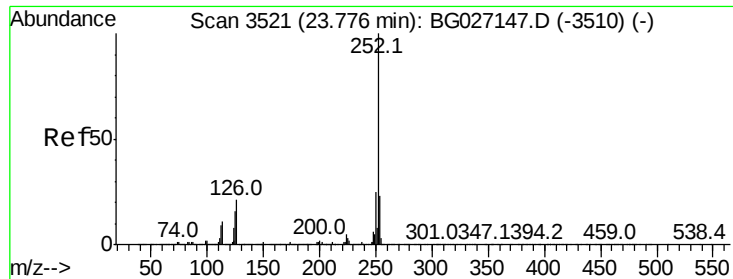
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#23

Benzo(b)fluoranthene

Concen: 26.416 ng/ul

RT: 24.12 min Scan# 3580

Delta R.T. -0.01 min

Lab File: BG029053.D

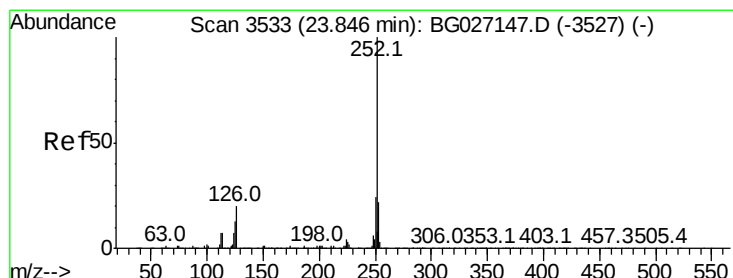
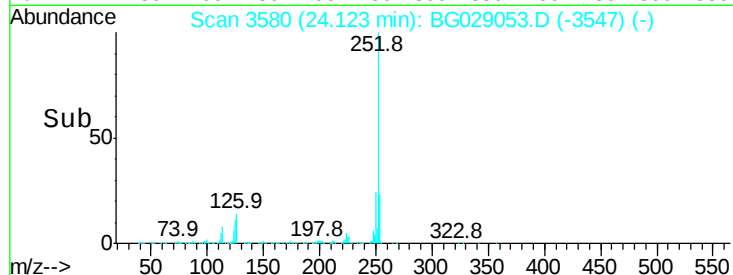
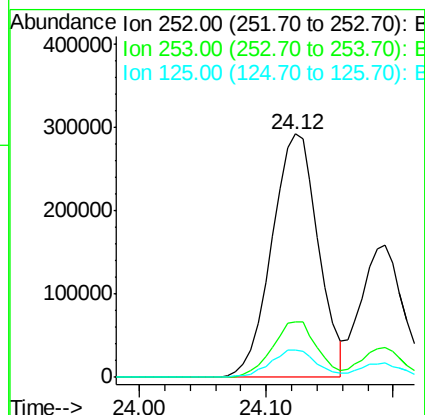
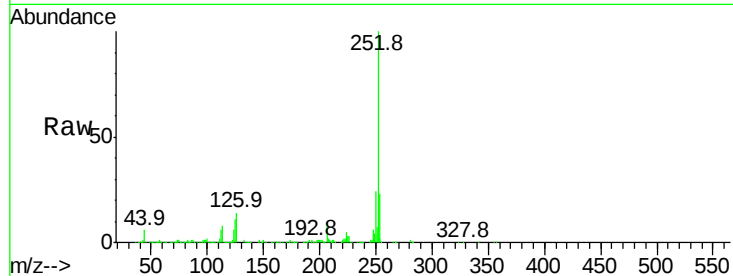
Acq: 7 Oct 2017 18:43

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	252	Resp:	743000
Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.0	27.0
125	11.4	8.0	12.0



#24

Benzo(k)fluoranthene

Concen: 13.307 ng/ul

RT: 24.19 min Scan# 3592

Delta R.T. -0.01 min

Lab File: BG029053.D

Acq: 7 Oct 2017 18:43

Tgt Ion:	252	Resp:	365302
Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.0	27.0
125	10.9	8.1	12.1

