

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051817\
 Data File : BG027008.D
 Acq On : 18 May 2017 17:56
 Operator : SJ/MA
 Sample : I3136-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DAC10

Quant Time: May 19 03:19:51 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG051817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 19 03:12:01 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	191550	20.00	ng/ul	0.00
2) Naphthalene-d8	10.80	136	925262	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.62	164	498177	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.35	188	920095	20.00	ng/ul	0.00
17) Chrysene-d12	21.60	240	835441	20.00	ng/ul	0.00
22) Perylene-d12	24.76	264	834970	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
7) Acenaphthylene-d8	14.31	160	1382386	27.05	ng/ul	0.00
10) Fluorene-d10	15.60	176	905779	26.57	ng/ul	0.00
14) Anthracene-d10	17.35	188	920095	20.51	ng/ul	-0.10
18) Pyrene-d10	19.73	212	1223074	28.04	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.54	264	1200891	28.95	ng/ul	0.00

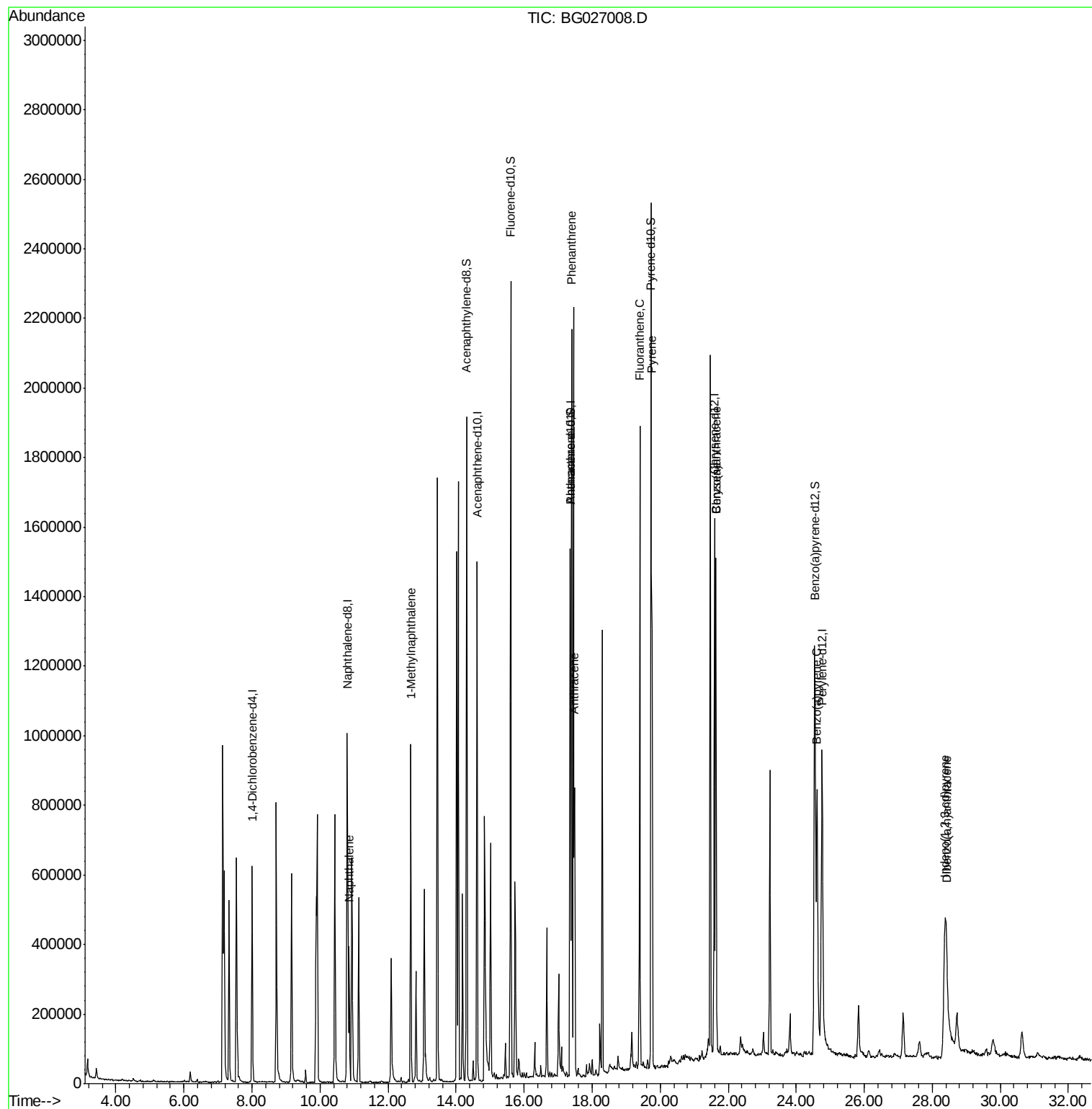
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.85	128	361332	7.53	ng/ul	99
5) 1-Methylnaphthalene	12.67	142	477927	12.48	ng/ul#	92
13) Phenanthrene	17.39	178	1239854	24.10	ng/ul	96
15) Anthracene	17.48	178	554396	10.49	ng/ul	99
16) Fluoranthene	19.40	202	1044228	19.86	ng/ul#	92
19) Pyrene	19.76	202	1075520	19.70	ng/ul#	89
20) Benzo(a)anthracene	21.64	228	797364	15.84	ng/ul	94
21) Chrysene	21.64	228	797364	17.26	ng/ul	99
26) Benzo(a)pyrene	24.61	252	738288	15.21	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	28.36	276	700708	15.69	ng/ul#	88
28) Dibenzo(a,h)anthracene	28.42	278	409180	10.62	ng/ul#	92

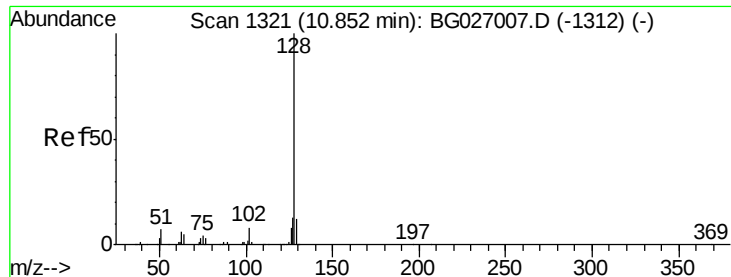
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 7.53 ng/ul

RT: 10.85 min Scan# 1321

Delta R.T. -0.00 min

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Acq: 18 May 2017 17:56

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BNA_G

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DAC10

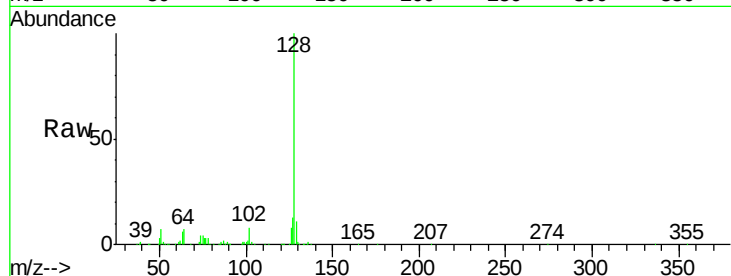
Tgt Ion:128 Resp: 361332

Ion Ratio Lower Upper

128 100

129 11.5 8.7 13.1

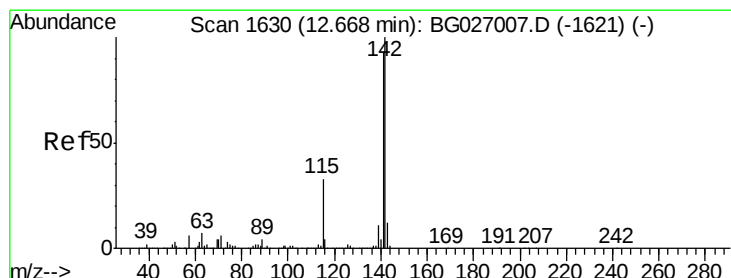
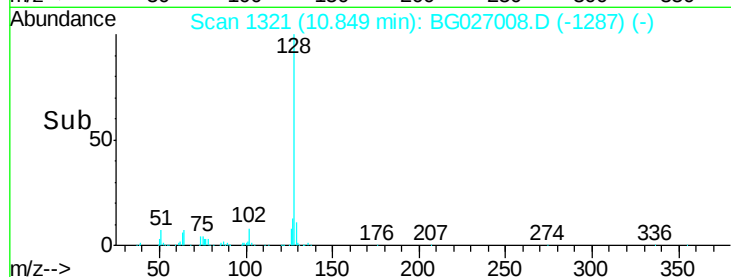
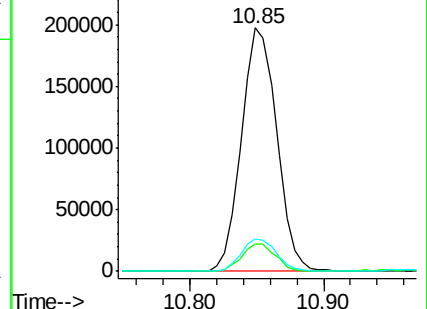
127 13.2 10.6 16.0



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: 12.48 ng/ul

RT: 12.67 min Scan# 1631

Delta R.T. 0.00 min

Lab File: BG027008.D

Acq: 18 May 2017 17:56

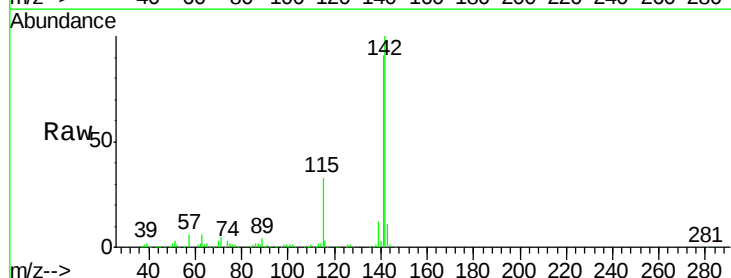
Tgt Ion:142 Resp: 477927

Ion Ratio Lower Upper

142 100

141 91.5 79.3 118.9

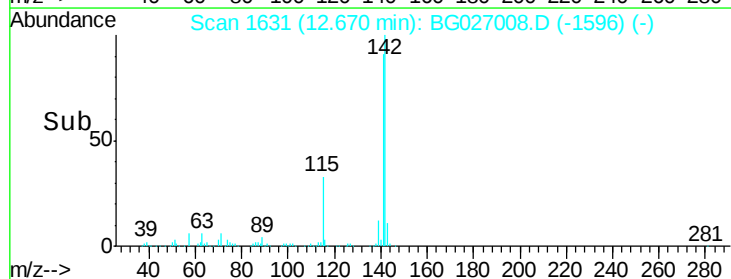
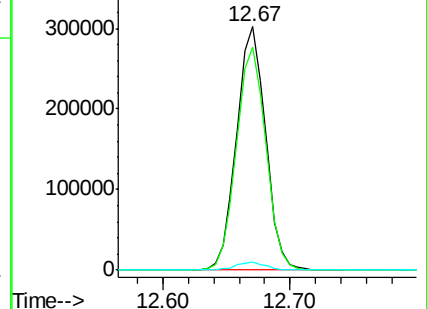
116 3.1 4.2 6.2#

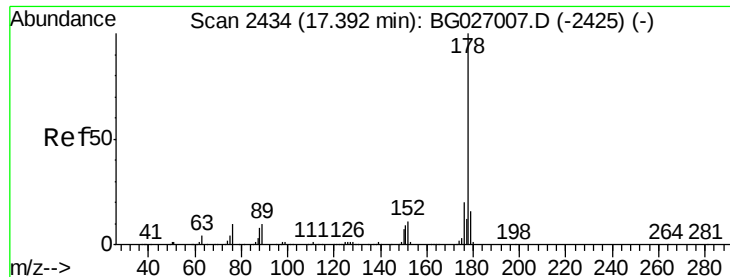


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#13

Phenanthrene

Concen: 24.10 ng/ul

RT: 17.39 min Scan# 2435

Delta R.T. 0.00 min

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Acq: 18 May 2017 17:56

Instrument :

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ClientSampleId :

DAC10

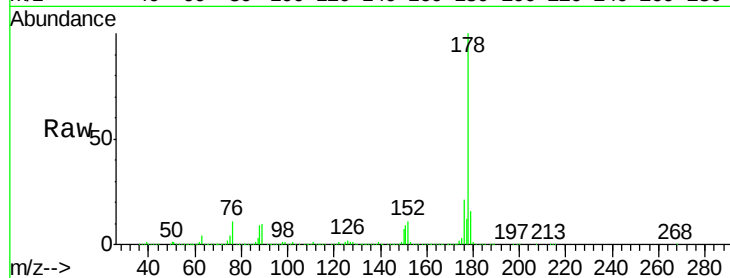
Tgt Ion:178 Resp: 1239854

Ion Ratio Lower Upper

178 100

179 16.3 12.3 18.5

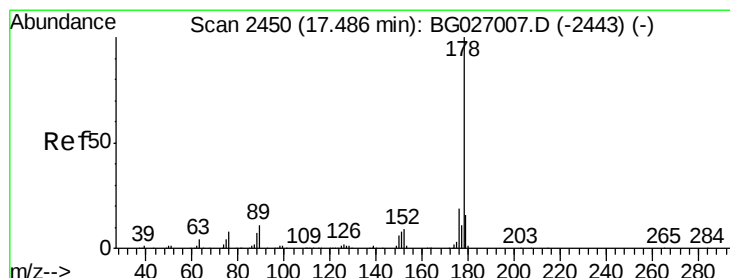
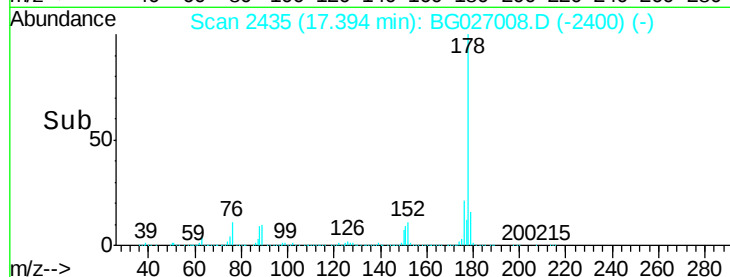
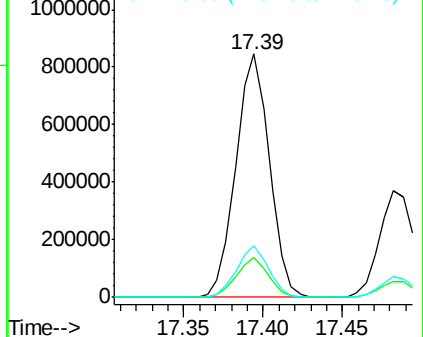
176 21.1 15.1 22.7



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: 10.49 ng/ul

RT: 17.48 min Scan# 2450

Delta R.T. -0.00 min

Lab File: BG027008.D

Acq: 18 May 2017 17:56

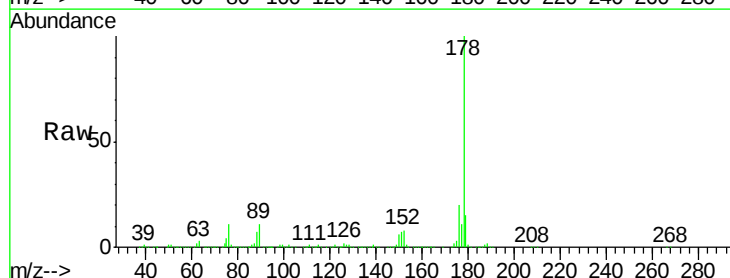
Tgt Ion:178 Resp: 554396

Ion Ratio Lower Upper

178 100

179 15.2 11.8 17.8

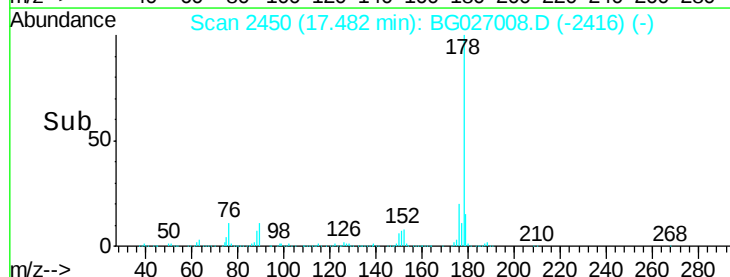
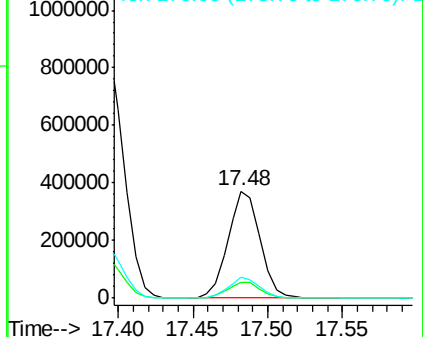
176 19.6 15.2 22.8

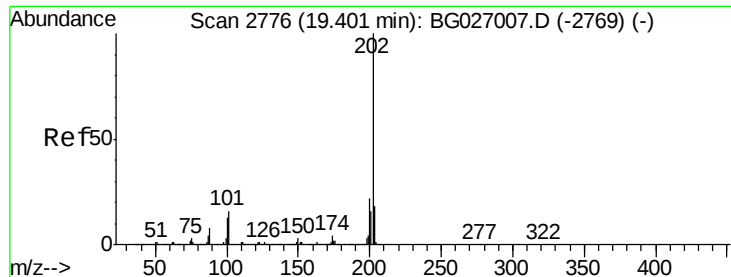


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#16

Fluoranthene

Concen: 19.86 ng/ul

RT: 19.40 min Scan# 2776

Delta R.T. -0.00 min

Lab File: BG027008.D

Acq: 18 May 2017 17:56

Instrument :

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ClientSampleId :

DAC10

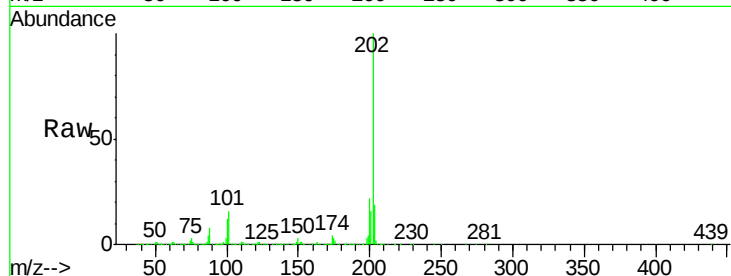
Tgt Ion:202 Resp: 1044228

Ion Ratio Lower Upper

202 100

101 15.6 9.9 14.9#

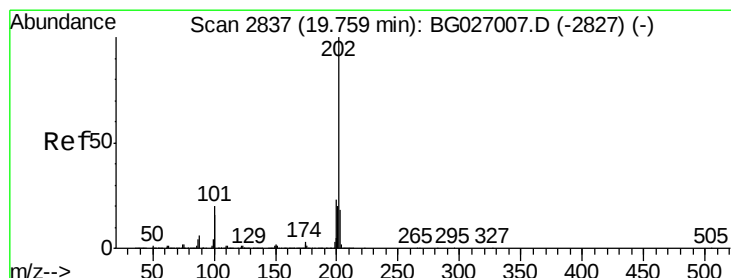
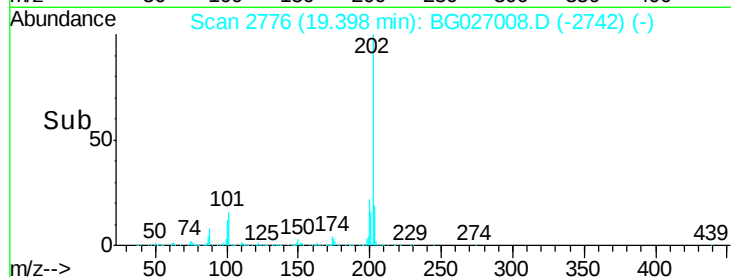
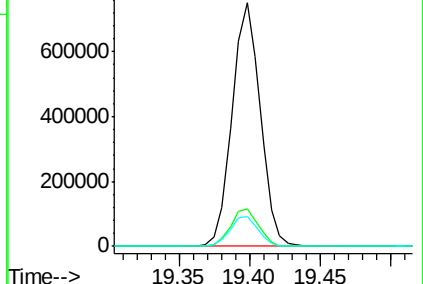
100 12.3 7.4 11.0#



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



#19

Pyrene

Concen: 19.70 ng/ul

RT: 19.76 min Scan# 2838

Delta R.T. 0.00 min

Lab File: BG027008.D

Acq: 18 May 2017 17:56

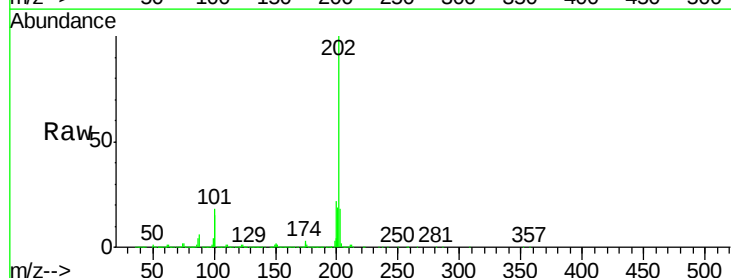
Tgt Ion:202 Resp: 1075520

Ion Ratio Lower Upper

202 100

101 17.6 11.0 16.4#

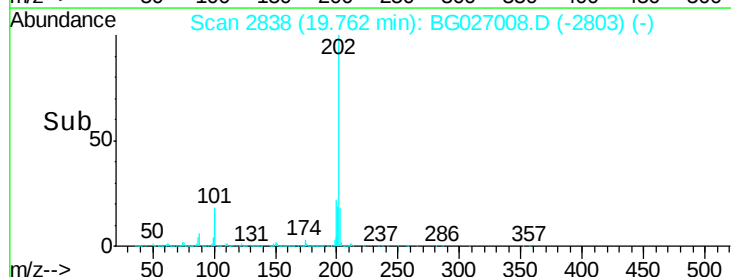
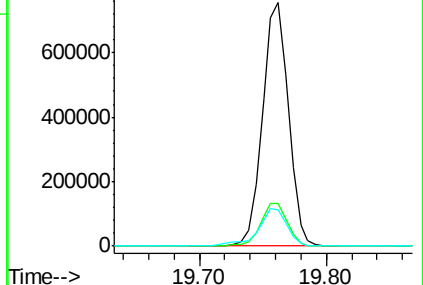
100 15.0 8.1 12.1#

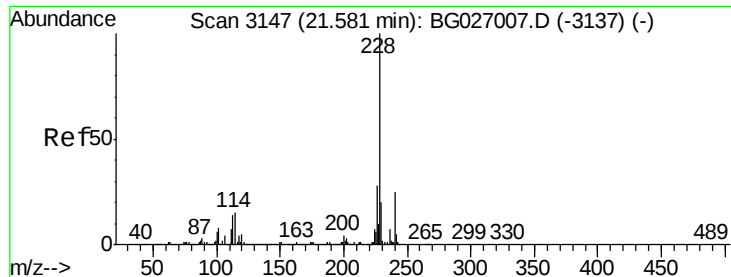


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#20

Benzo(a)anthracene

Concen: 15.84 ng/ul

RT: 21.64 min Scan# 3158

Delta R.T. 0.06 min

Lab File: BG027008.D

Acq: 18 May 2017 17:56

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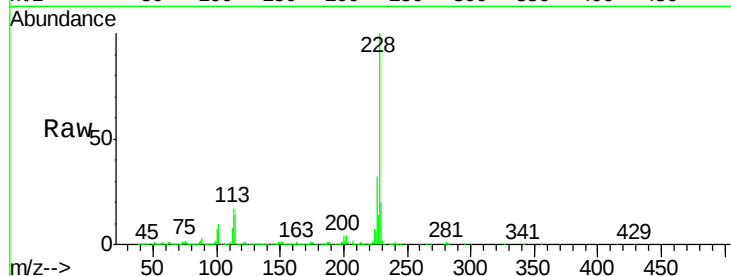
Tgt Ion:228 Resp: 797364

Ion Ratio Lower Upper

228 100

229 20.0 15.7 23.5

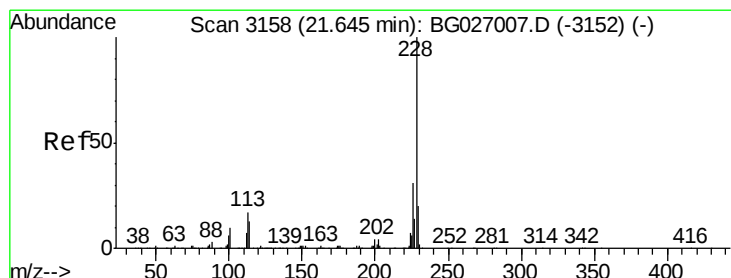
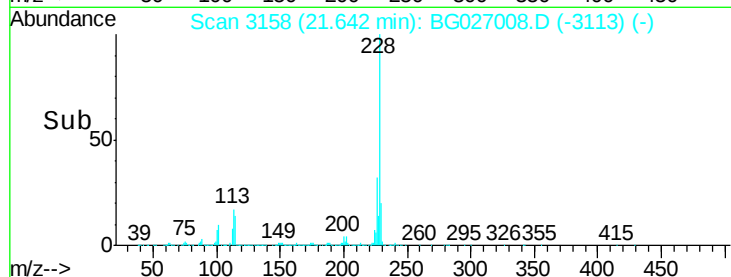
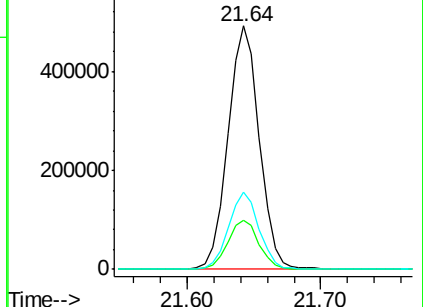
226 31.5 21.1 31.7



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: 17.26 ng/ul

RT: 21.64 min Scan# 3158

Delta R.T. -0.00 min

Lab File: BG027008.D

Acq: 18 May 2017 17:56

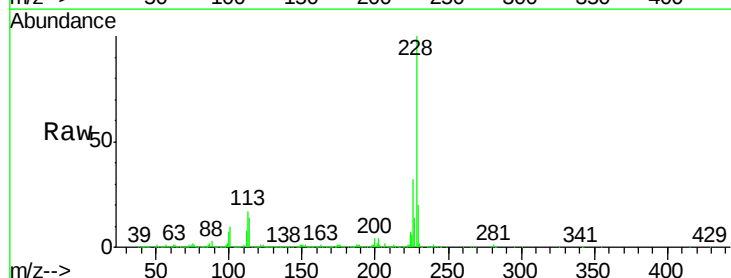
Tgt Ion:228 Resp: 797364

Ion Ratio Lower Upper

228 100

226 31.5 24.5 36.7

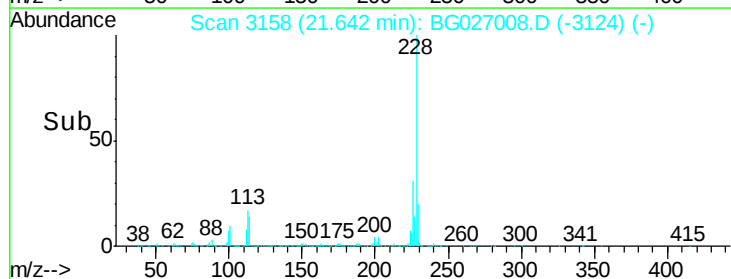
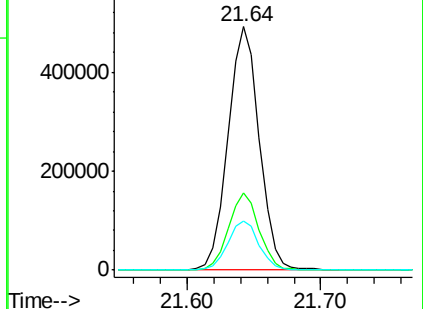
229 20.0 15.8 23.8

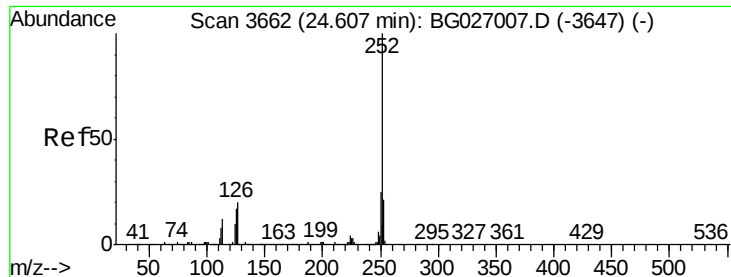


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#26

Benzo(a)pyrene

Concen: 15.21 ng/ul

RT: 24.61 min Scan# 3663

Delta R.T. 0.00 min

Lab File: BG027008.D

Acq: 18 May 2017 17:56

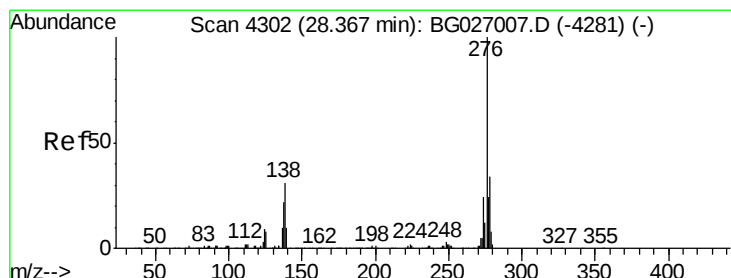
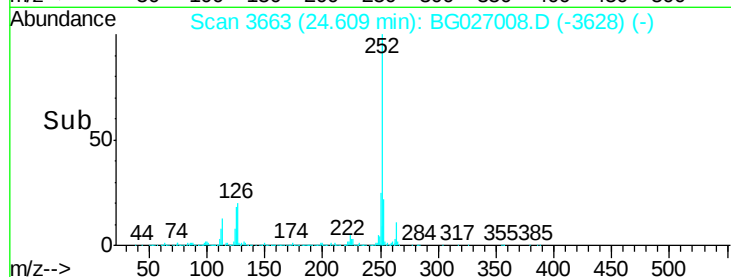
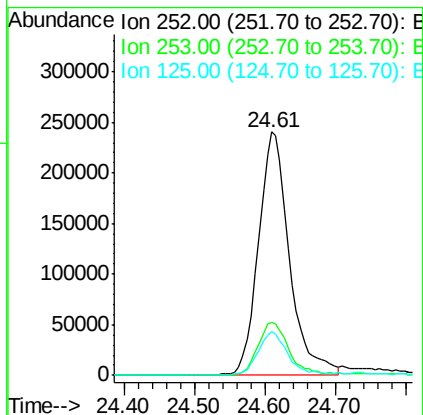
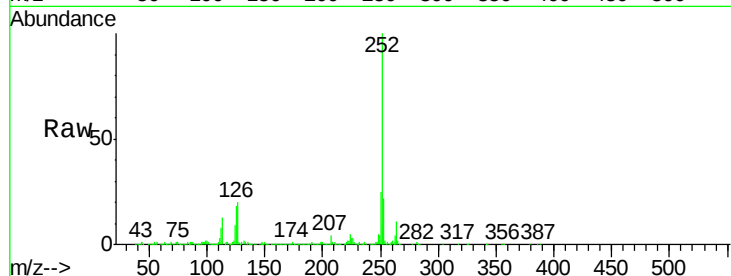
Instrument :

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Tgt Ion:	252	Resp:	738288
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.2	25.8
125	18.3	8.2	12.4#



#27

Indeno(1,2,3-cd)pyrene

Concen: 15.69 ng/ul

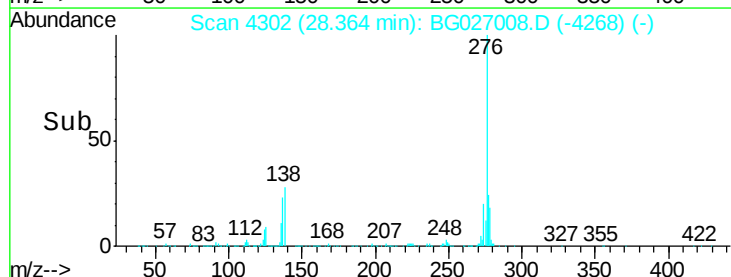
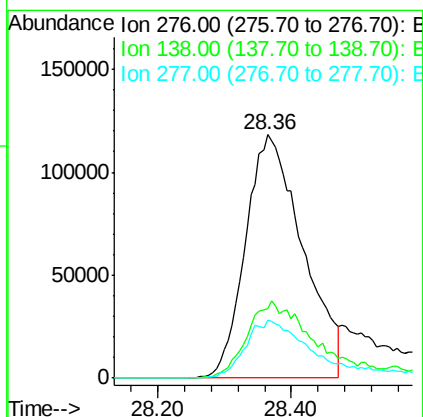
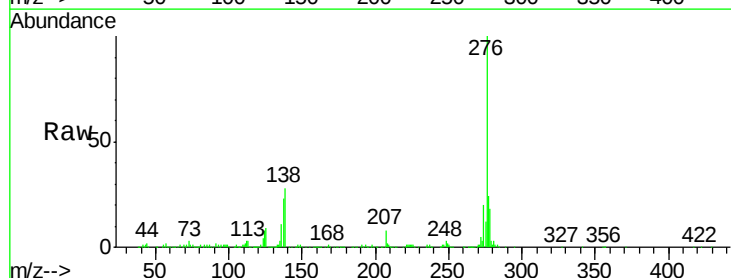
RT: 28.36 min Scan# 4302

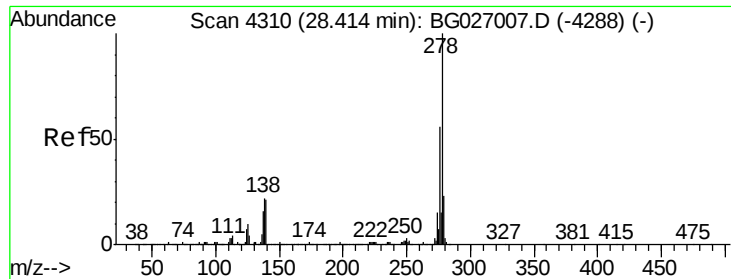
Delta R.T. -0.00 min

Lab File: BG027008.D

Acq: 18 May 2017 17:56

Tgt Ion:	276	Resp:	700708
Ion Ratio	Lower	Upper	
276	100		
138	28.4	14.4	21.6#
277	24.0	18.0	27.0





#28

Dibenzo(a,h)anthracene

Concen: 10.62 ng/ul

RT: 28.42 min Scan# 4311

Delta R.T. 0.00 min

Lab File: BG027008.D

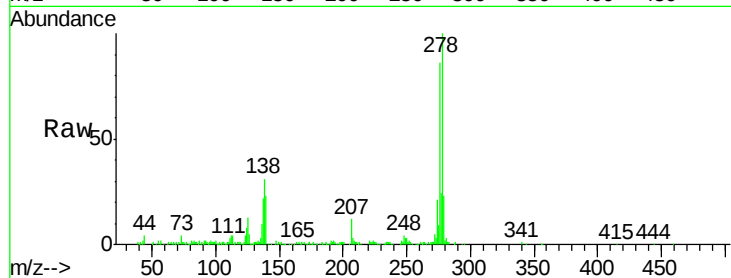
Acq: 18 May 2017 17:56

Instrument :

BNA_G

ClientSampleId :

DAC10



Tgt Ion:	278	Resp:	409180
Ion	Ratio	Lower	Upper
278	100		
139	22.9	12.2	18.4#
279	23.3	19.2	28.8

