

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051817\
 Data File : BG027014.D
 Acq On : 18 May 2017 21:54
 Operator : SJ/MA
 Sample : I3136-13
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DAC23

Quant Time: May 19 03:20:29 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	203092	20.00	ng/ul	0.00
2) Naphthalene-d8	10.80	136	985257	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.62	164	535653	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.35	188	989229	20.00	ng/ul	0.00
17) Chrysene-d12	21.60	240	902014	20.00	ng/ul	0.00
22) Perylene-d12	24.76	264	924987	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
7) Acenaphthylene-d8	14.31	160	985139	17.93	ng/ul	0.00
10) Fluorene-d10	15.60	176	639145	17.44	ng/ul	0.00
14) Anthracene-d10	17.35	188	989229	20.51	ng/ul	-0.10
18) Pyrene-d10	19.73	212	901536	19.14	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.54	264	873685	19.01	ng/ul	0.00

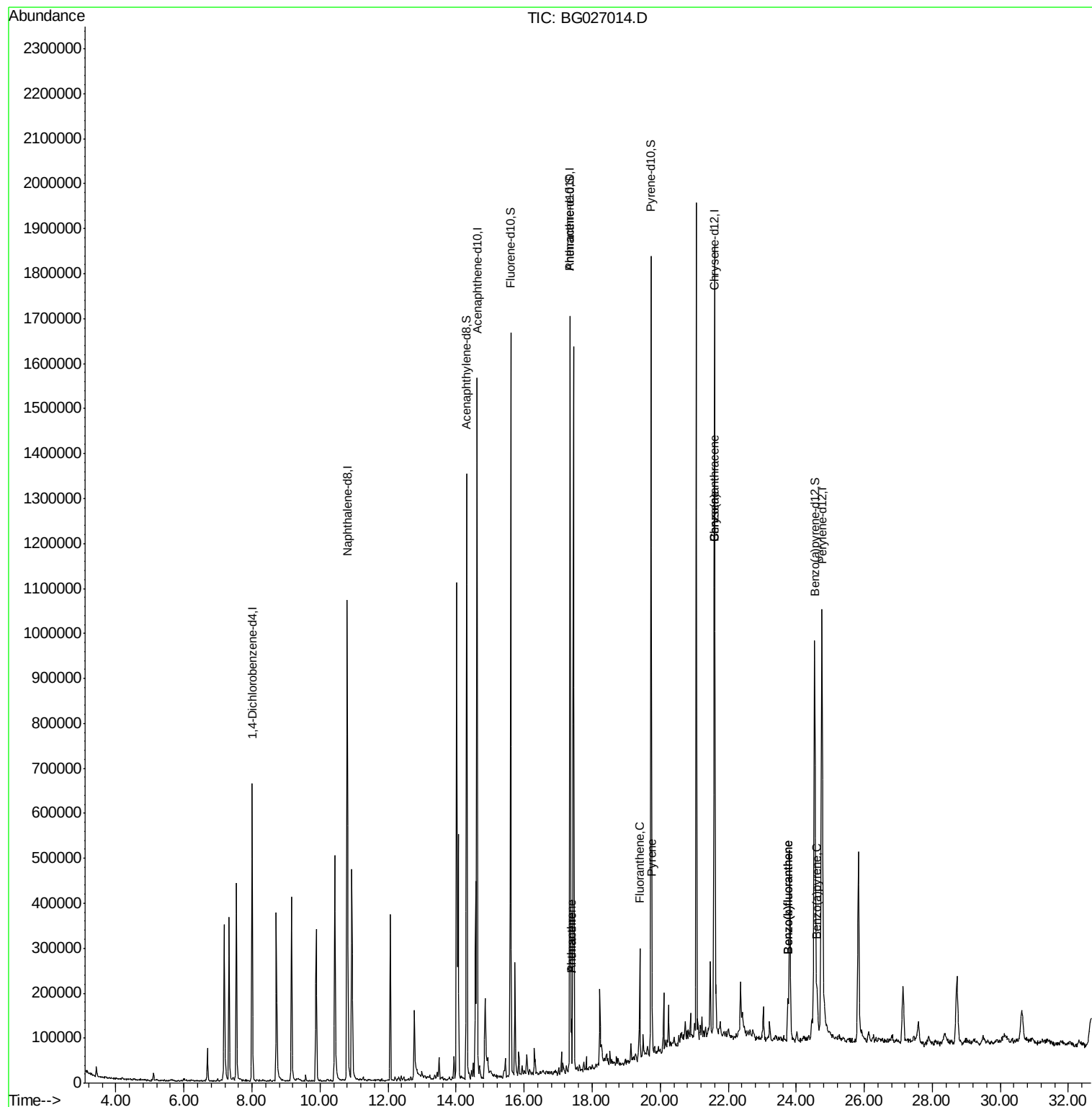
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Phenanthrene	17.39	178	66777	1.21	ng/ul	98
15) Anthracene	17.39	178	67130	1.18	ng/ul	97
16) Fluoranthene	19.40	202	134998	2.39	ng/ul#	95
19) Pyrene	19.76	202	114075	1.93	ng/ul#	88
20) Benzo(a)anthracene	21.58	228	66243	1.22	ng/ul	94
21) Chrysene	21.58	228	66364	1.33	ng/ul	98
23) Benzo(b)fluoranthene	23.76	252	98256	1.79	ng/ul#	90
24) Benzo(k)fluoranthene	23.76	252	98256	1.74	ng/ul#	90
26) Benzo(a)pyrene	24.60	252	59421	1.10	ng/ul#	89

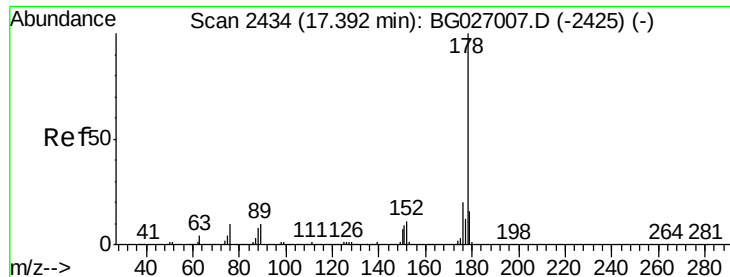
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri May 19 03:12:01 2017
Response via : Initial Calibration





#13

Phenanthrene

Concen: 1.21 ng/ul

RT: 17.39 min Scan# 2434

Delta R.T. -0.00 min

Lab File: BG027014.D

Acq: 18 May 2017 21:54

Instrument :

BNA_G

ClientSampleId :

DAC23

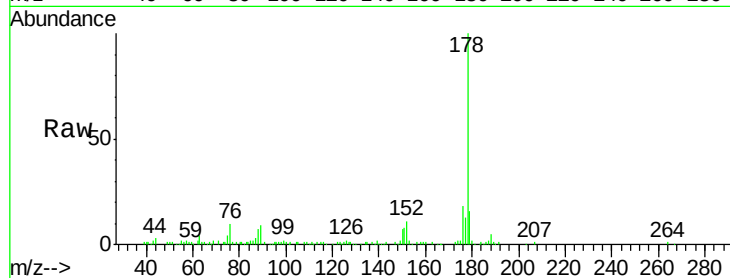
Tgt Ion:178 Resp: 66777

Ion Ratio Lower Upper

178 100

179 16.2 12.3 18.5

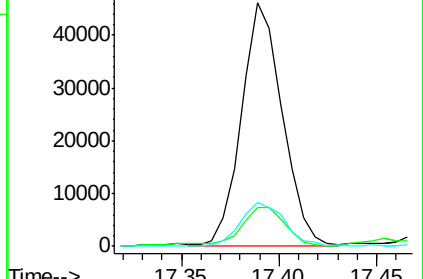
176 18.0 15.1 22.7



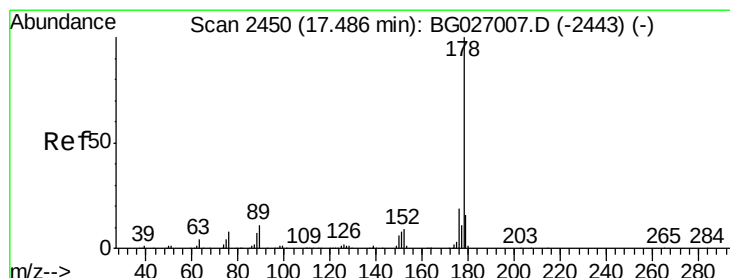
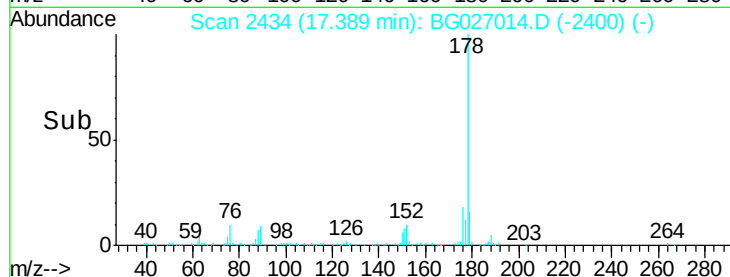
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



Time-->



#15

Anthracene

Concen: 1.18 ng/ul

RT: 17.39 min Scan# 2434

Delta R.T. -0.10 min

Lab File: BG027014.D

Acq: 18 May 2017 21:54

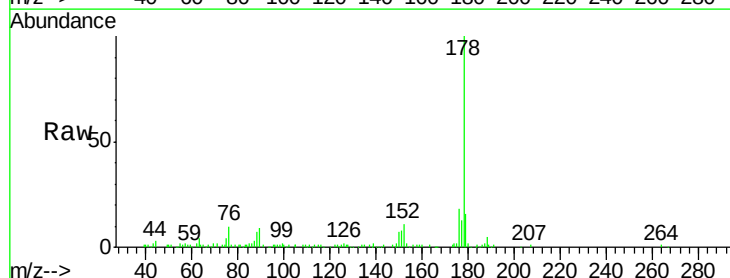
Tgt Ion:178 Resp: 67130

Ion Ratio Lower Upper

178 100

179 16.2 11.8 17.8

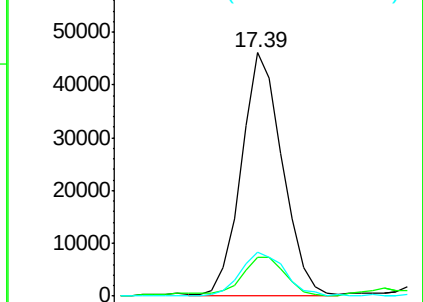
176 18.0 15.2 22.8



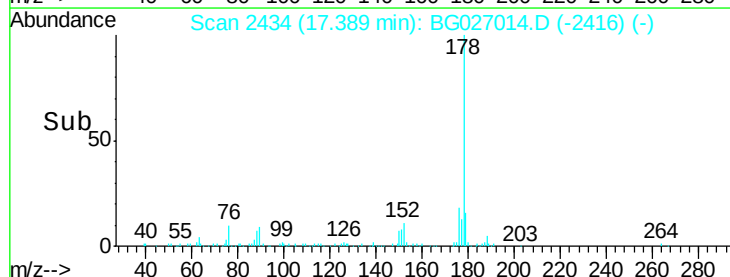
Abundance Ion 178.00 (177.70 to 178.70): E

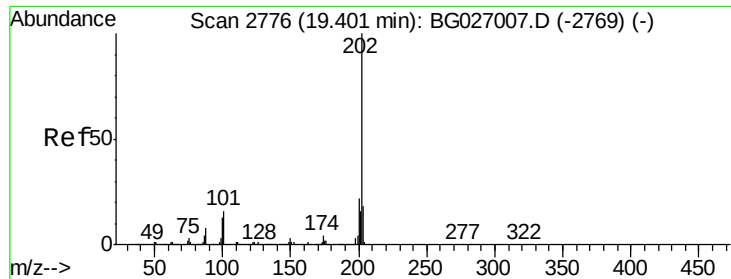
Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



Time-->

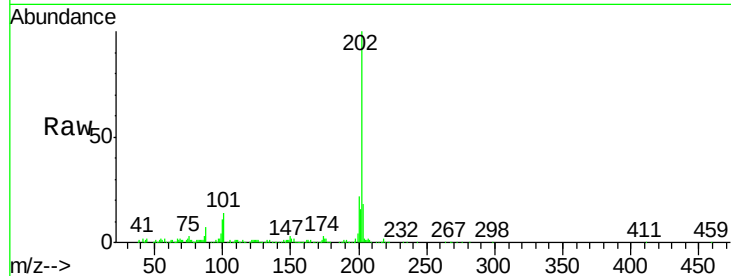




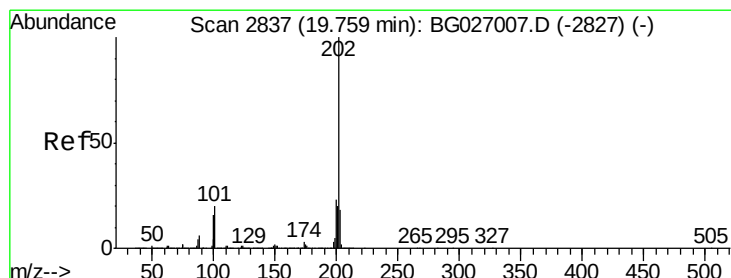
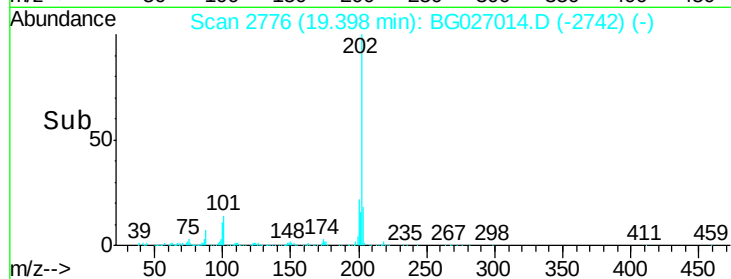
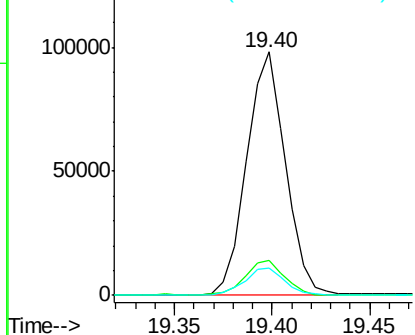
#16
Fluoranthene
 Concen: 2.39 ng/ul
 RT: 19.40 min Scan# 2776
 Delta R.T. -0.00 min
 Lab File: BG027014.D
 Acq: 18 May 2017 21:54

Instrument :
 BNA_G
 ClientSampled :
 DAC23

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.3	9.9	14.9
100	11.1	7.4	11.0#

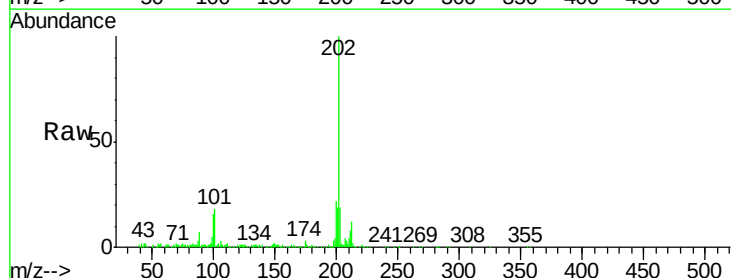


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

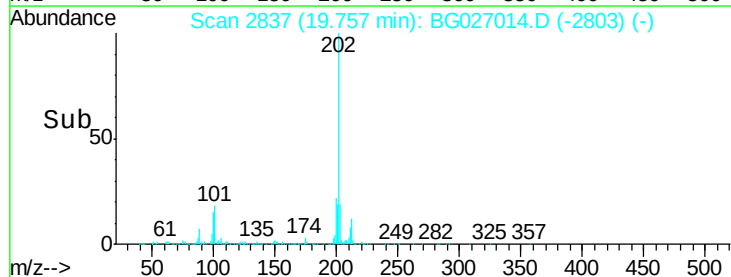
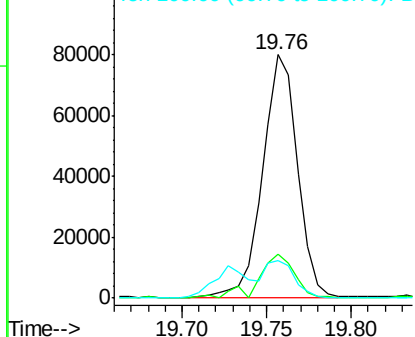


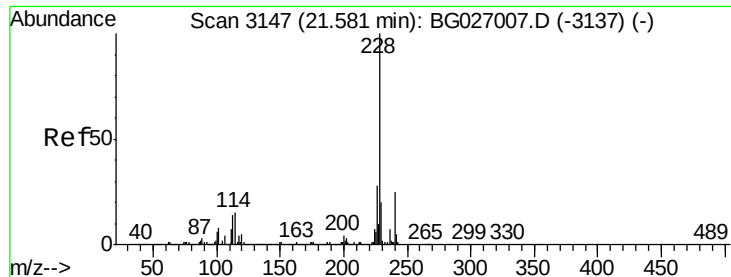
#19
Pyrene
 Concen: 1.93 ng/ul
 RT: 19.76 min Scan# 2837
 Delta R.T. -0.00 min
 Lab File: BG027014.D
 Acq: 18 May 2017 21:54

Tgt Ion	Ratio	Lower	Upper
202	100		
101	18.0	11.0	16.4#
100	15.6	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: 1.22 ng/ul

RT: 21.58 min Scan# 3147

Delta R.T. -0.00 min

Lab File: BG027014.D

Acq: 18 May 2017 21:54

Instrument :

BNA_G

ClientSampleId :

DAC23

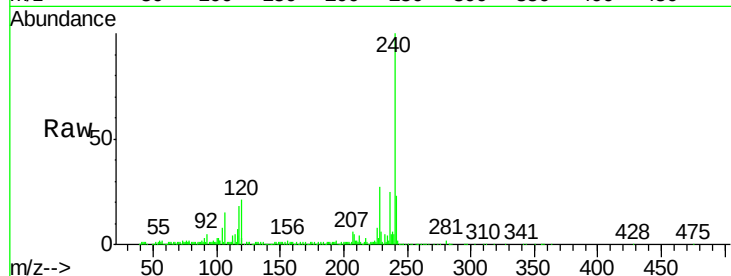
Tgt Ion:228 Resp: 66243

Ion Ratio Lower Upper

228 100

229 21.5 15.7 23.5

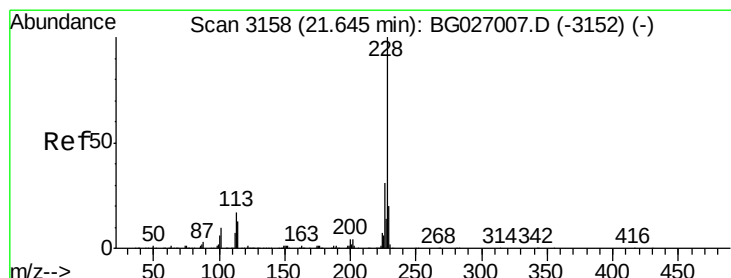
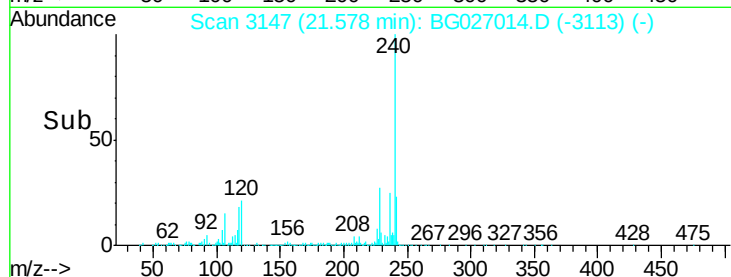
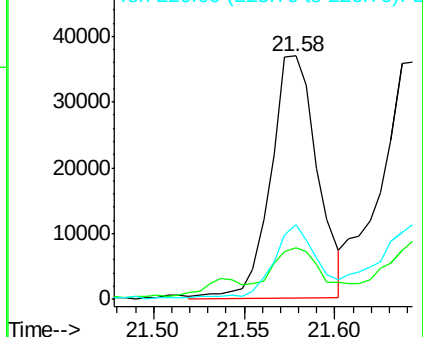
226 30.5 21.1 31.7



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: 1.33 ng/ul

RT: 21.58 min Scan# 3147

Delta R.T. -0.07 min

Lab File: BG027014.D

Acq: 18 May 2017 21:54

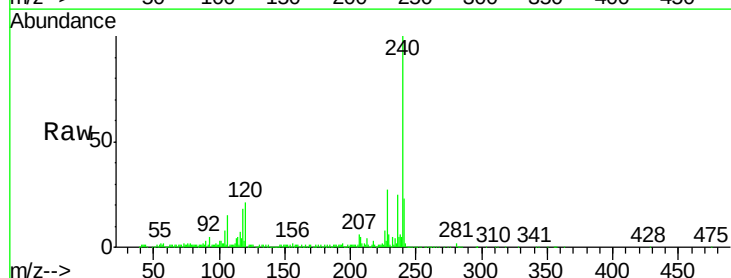
Tgt Ion:228 Resp: 66364

Ion Ratio Lower Upper

228 100

226 30.5 24.5 36.7

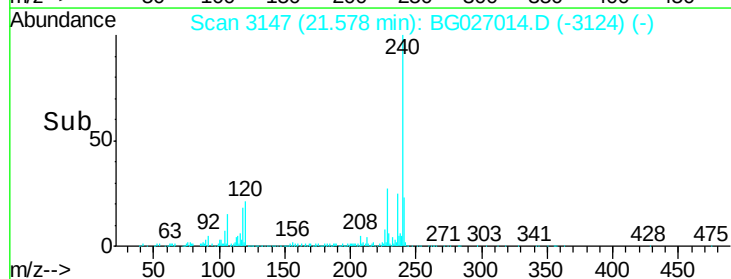
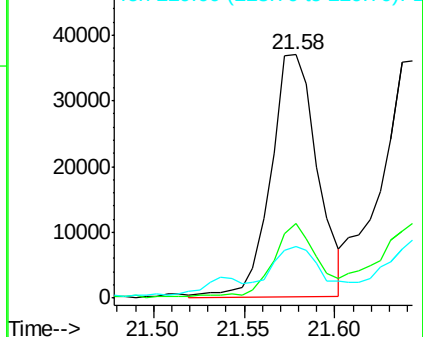
229 21.5 15.8 23.8

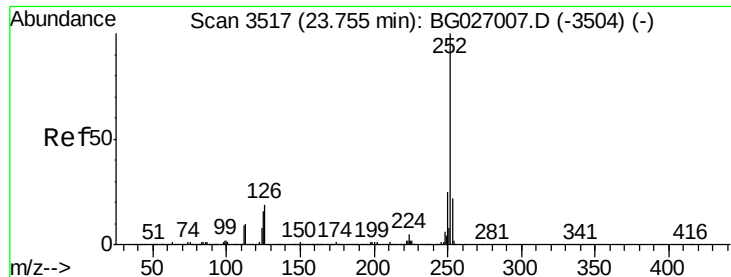


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#23

Benzo(b)fluoranthene

Concen: 1.79 ng/ul

RT: 23.76 min Scan# 3518

Delta R.T. 0.00 min

Lab File: BG027014.D

Acq: 18 May 2017 21:54

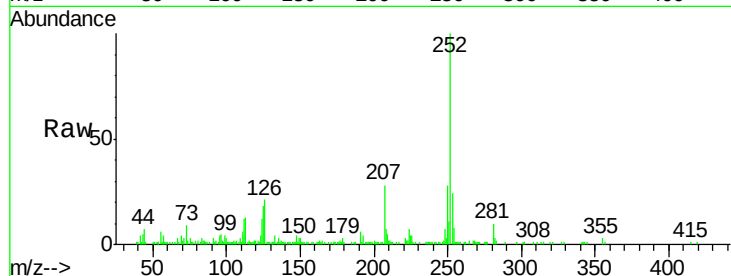
Instrument :

BNA_G

ClientSampleId :

DAC23

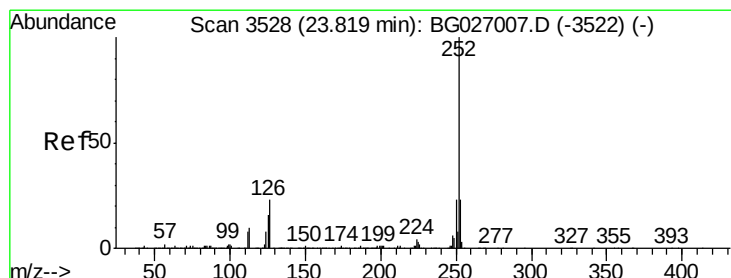
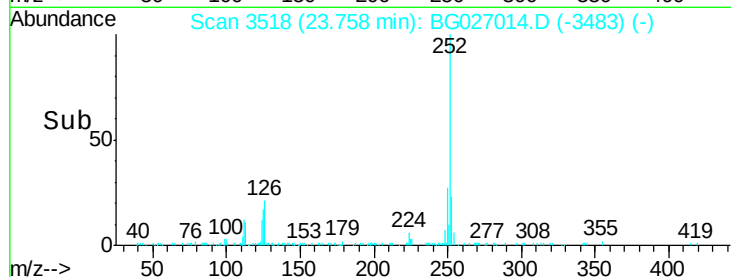
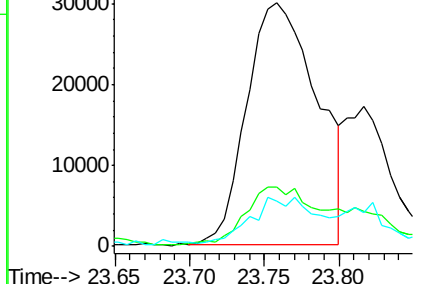
Tgt Ion:	252	Resp:	98256
Ion	Ratio	Lower	Upper
252	100		
253	24.4	18.0	27.0
125	18.5	8.0	12.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#24

Benzo(k)fluoranthene

Concen: 1.74 ng/ul

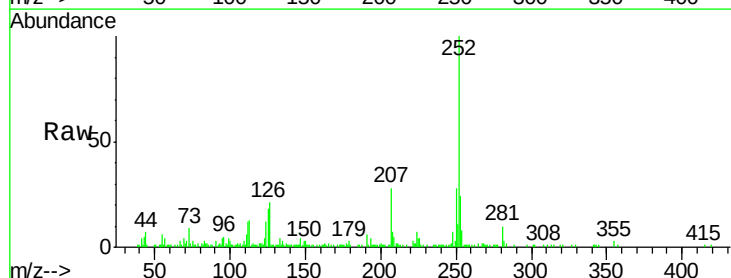
RT: 23.76 min Scan# 3518

Delta R.T. -0.06 min

Lab File: BG027014.D

Acq: 18 May 2017 21:54

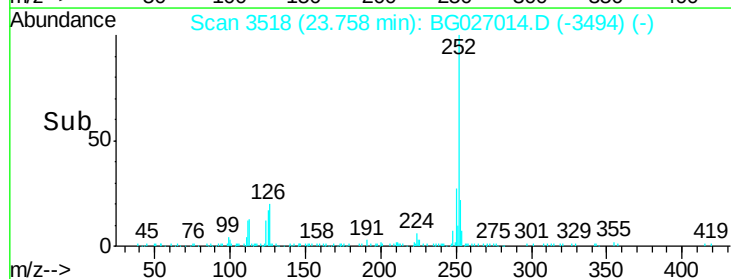
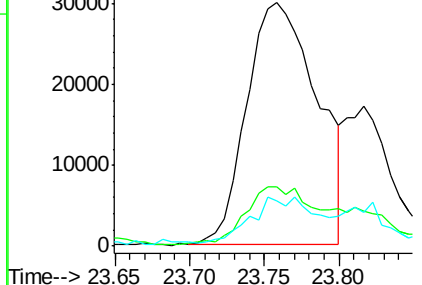
Tgt Ion:	252	Resp:	98256
Ion	Ratio	Lower	Upper
252	100		
253	24.4	18.0	27.0
125	18.5	8.1	12.1#

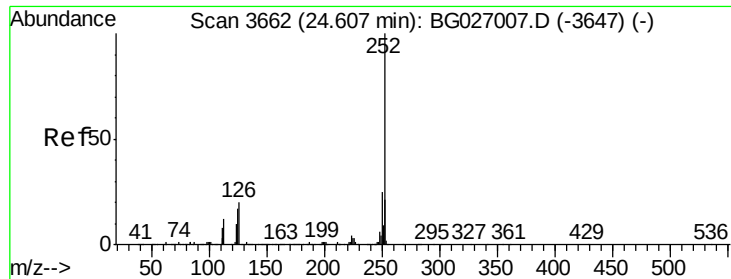


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#26

Benzo(a)pyrene

Concen: 1.10 ng/ul

RT: 24.60 min Scan# 3662

Delta R.T. -0.00 min

Lab File: BG027014.D

Acq: 18 May 2017 21:54

Instrument :

BNA_G

ClientSampleId :

DAC23

Tgt Ion: 252 Resp: 59421

Ion Ratio Lower Upper

252 100

253 23.2 17.2 25.8

125 19.7 8.2 12.4#

