

Data Path : Z:\HPCHEM1\BNA_G\Data\BG051817\
 Data File : BG027039.D
 Acq On : 19 May 2017 14:23
 Operator : SJ/MA
 Sample : I3136-10
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DAC19

Quant Time: May 19 15:33:53 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG051817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 19 04:25:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	208263	20.00	ng/ul	0.00
2) Naphthalene-d8	10.81	136	944978	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.62	164	466106	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.35	188	837707	20.00	ng/ul	0.00
17) Chrysene-d12	21.61	240	756015	20.00	ng/ul	0.00
22) Perylene-d12	24.78	264	675862	20.00	ng/ul	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
7) Acenaphthylene-d8	14.32	160	710296	14.86	ng/ul	0.00
10) Fluorene-d10	15.61	176	455461	14.28	ng/ul	0.00
14) Anthracene-d10	17.35	188	837707	20.51	ng/ul	-0.09
18) Pyrene-d10	19.73	212	611194	15.48	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.56	264	492151	14.66	ng/ul	0.02

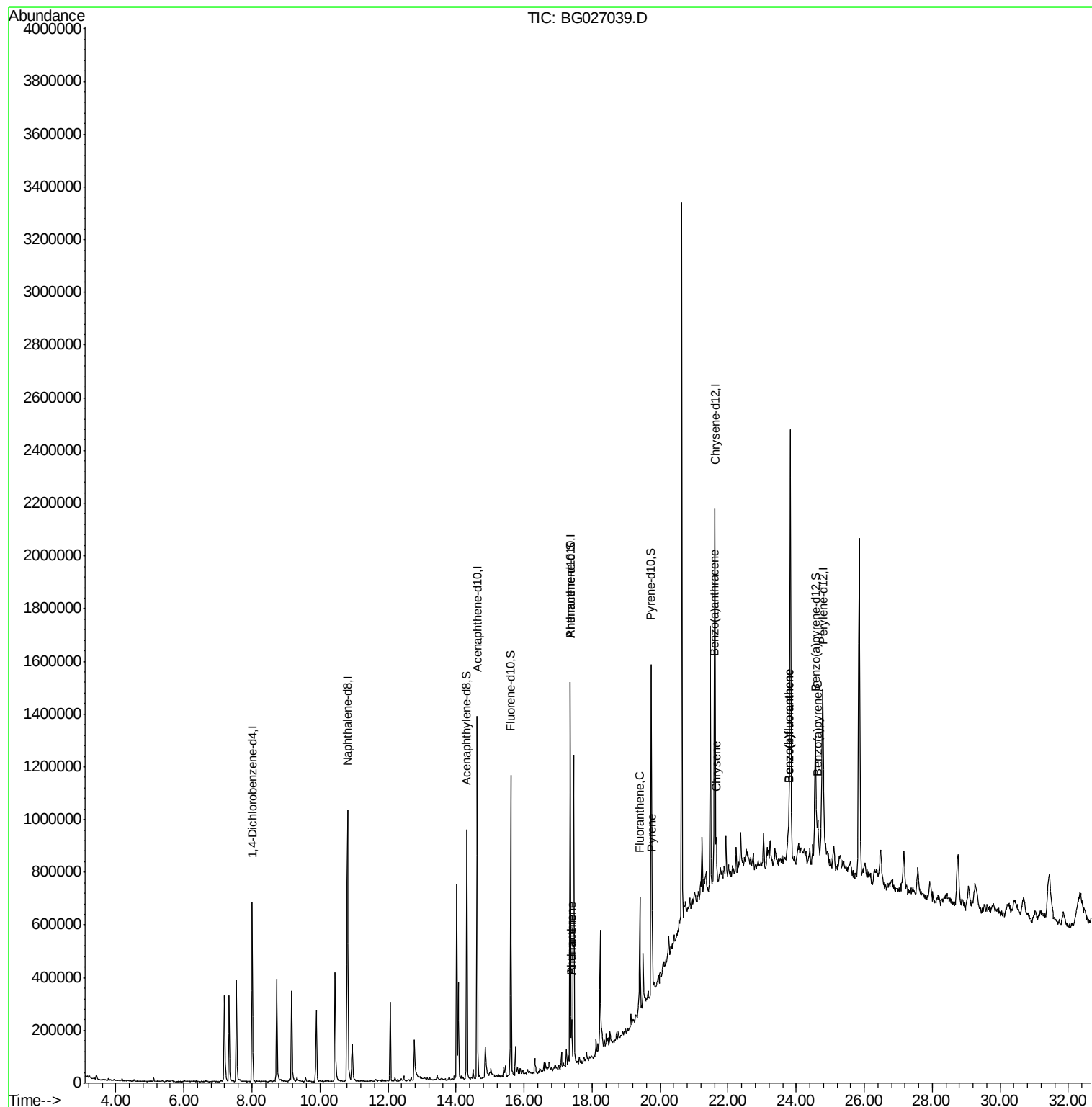
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Phenanthrene	17.40	178	102607	2.19	ng/ul	97
15) Anthracene	17.40	178	102360	2.13	ng/ul	98
16) Fluoranthene	19.40	202	220577	4.61	ng/ul#	91
19) Pyrene	19.76	202	198755	4.02	ng/ul#	90
20) Benzo(a)anthracene	21.58	228	105204	2.31	ng/ul#	91
21) Chrysene	21.65	228	104021	2.49	ng/ul#	94
23) Benzo(b)fluoranthene	23.78	252	133269	3.32	ng/ul#	72
24) Benzo(k)fluoranthene	23.78	252	133269	3.23	ng/ul#	72
26) Benzo(a)pyrene	24.63	252	79338	2.02	ng/ul#	73

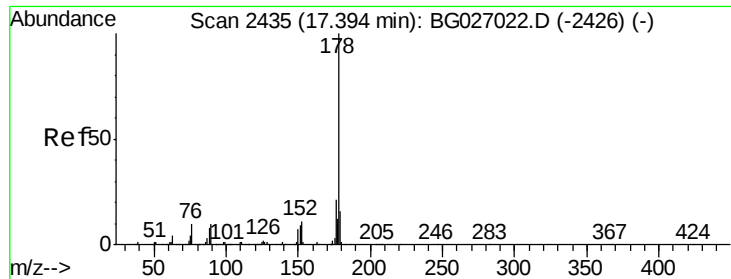
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Phenanthrene

Concen: 2.19 ng/ul

RT: 17.40 min Scan# 2436

Delta R.T. 0.01 min

Lab File: BG027039.D

Acq: 19 May 2017 14:23

Instrument :

BNA_G

ClientSampleId :

DAC19

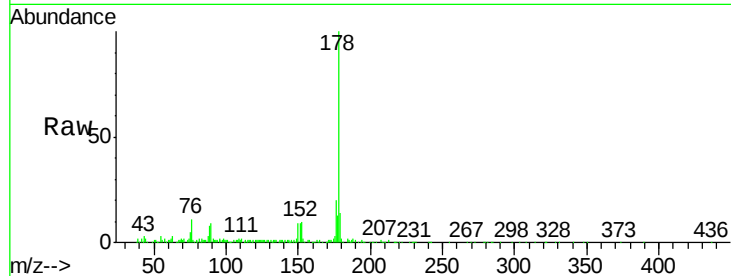
Tgt Ion:178 Resp: 102607

Ion Ratio Lower Upper

178 100

179 14.3 12.3 18.5

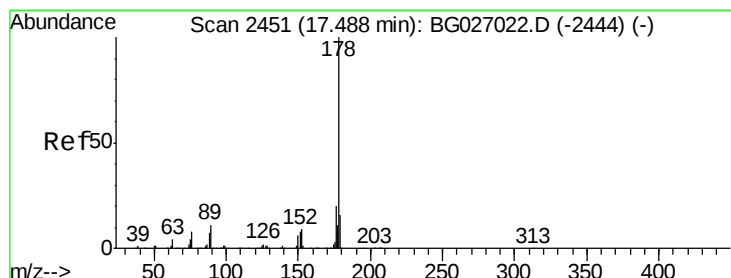
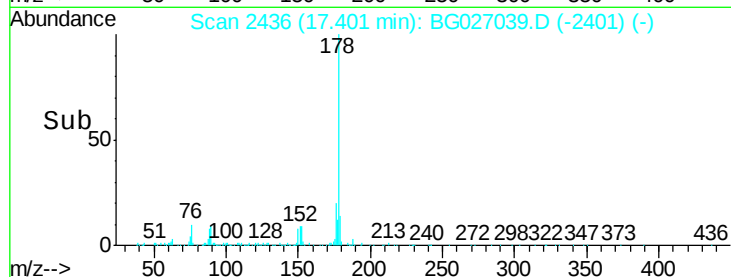
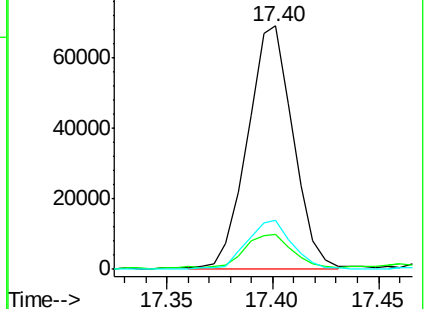
176 20.4 15.1 22.7



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: 2.13 ng/ul

RT: 17.40 min Scan# 2436

Delta R.T. -0.09 min

Lab File: BG027039.D

Acq: 19 May 2017 14:23

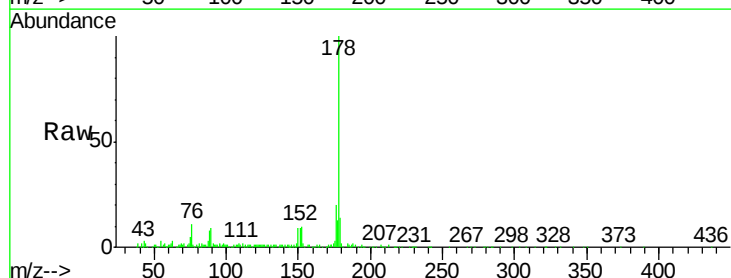
Tgt Ion:178 Resp: 102360

Ion Ratio Lower Upper

178 100

179 14.3 11.8 17.8

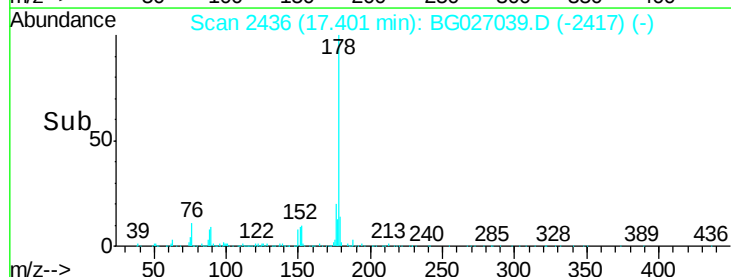
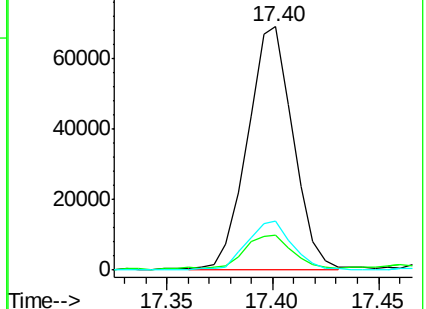
176 20.4 15.2 22.8

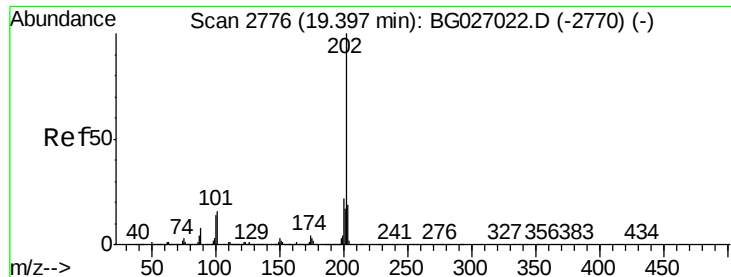


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#16

Fluoranthene

Concen: 4.61 ng/ul

RT: 19.40 min Scan# 2777

Delta R.T. 0.01 min

Lab File: BG027039.D

Acq: 19 May 2017 14:23

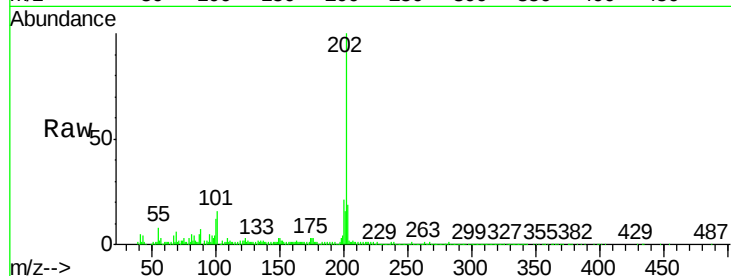
Instrument :

BNA_G

ClientSampleId :

DAC19

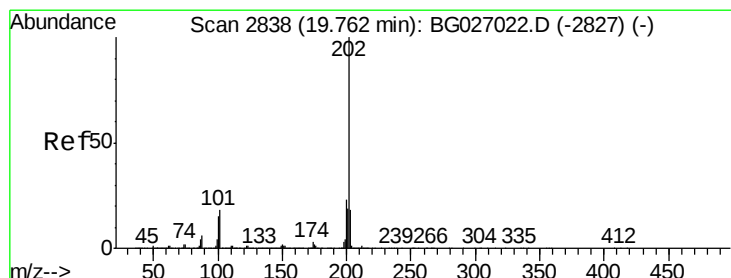
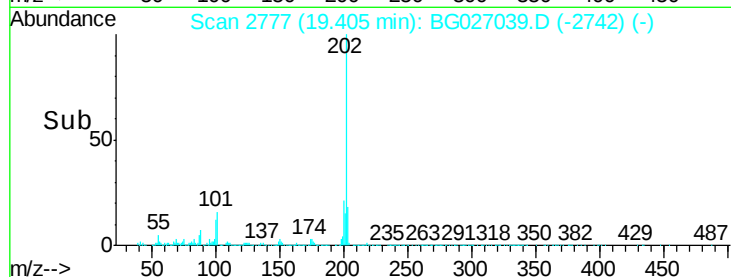
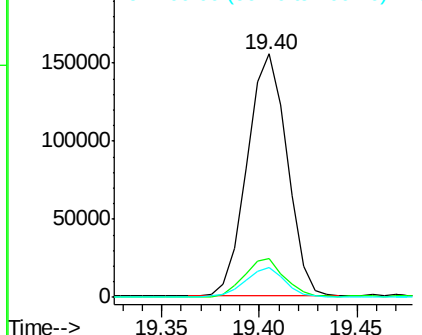
Tgt Ion:	202	Resp:	220577
Ion Ratio	Lower	Upper	
202	100		
101	16.2	9.9	14.9#
100	12.1	7.4	11.0#



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: 4.02 ng/ul

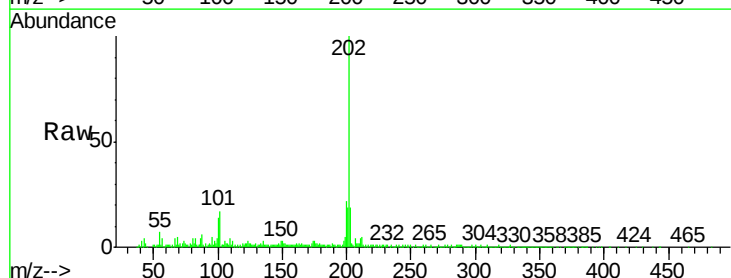
RT: 19.76 min Scan# 2838

Delta R.T. 0.00 min

Lab File: BG027039.D

Acq: 19 May 2017 14:23

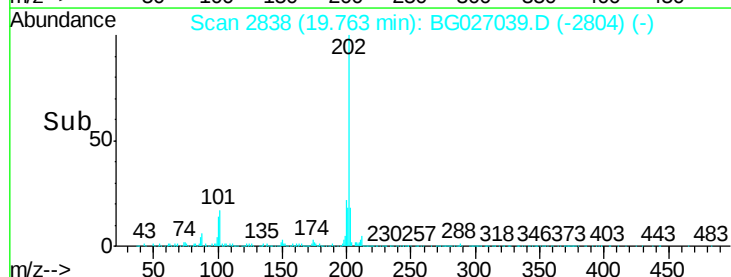
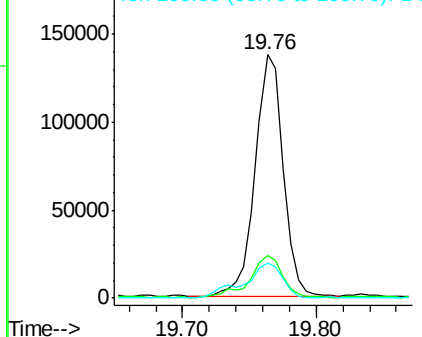
Tgt Ion:	202	Resp:	198755
Ion Ratio	Lower	Upper	
202	100		
101	17.4	11.0	16.4#
100	14.2	8.1	12.1#

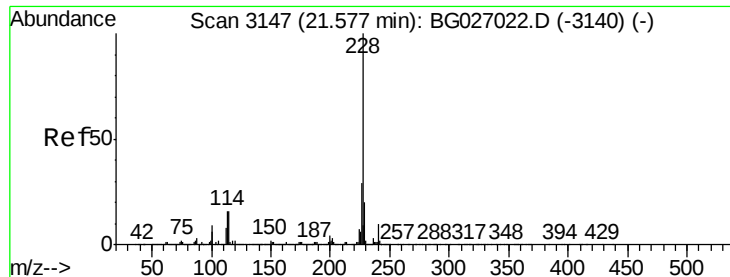


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#20

Benzo(a)anthracene

Concen: 2.31 ng/ul

RT: 21.58 min Scan# 3148

Delta R.T. 0.01 min

Lab File: BG027039.D

Acq: 19 May 2017 14:23

Instrument :

BNA_G

ClientSampleId :

DAC19

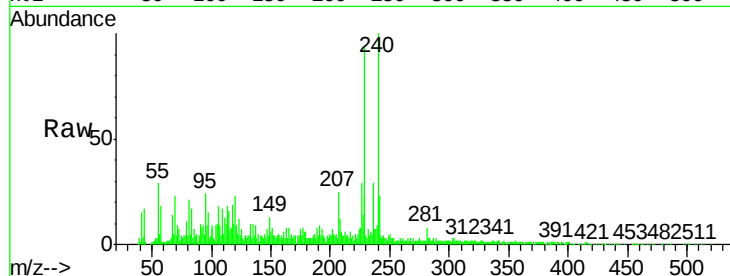
Tgt Ion:228 Resp: 105204

Ion Ratio Lower Upper

228 100

229 23.8 15.7 23.5#

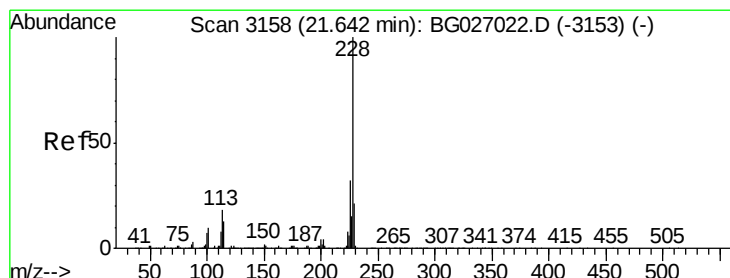
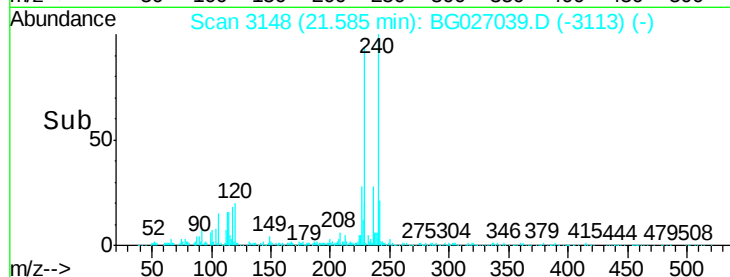
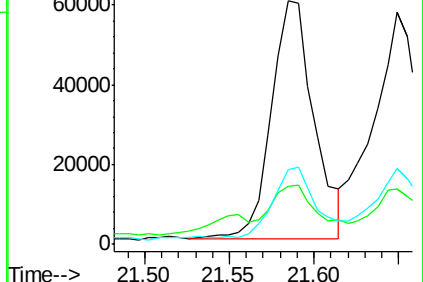
226 30.7 21.1 31.7



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: 2.49 ng/ul

RT: 21.65 min Scan# 3159

Delta R.T. 0.01 min

Lab File: BG027039.D

Acq: 19 May 2017 14:23

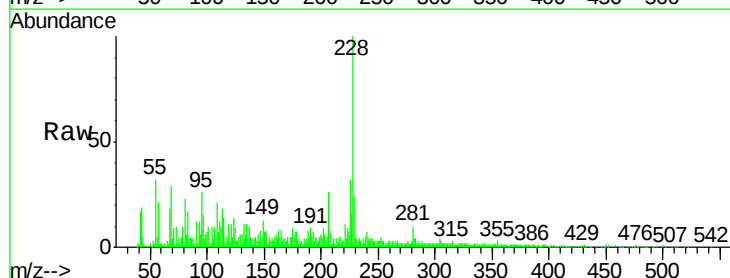
Tgt Ion:228 Resp: 104021

Ion Ratio Lower Upper

228 100

226 32.4 24.5 36.7

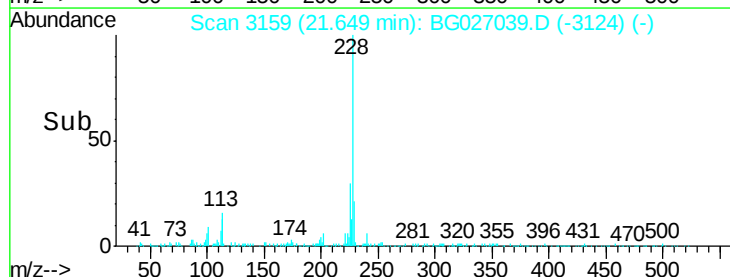
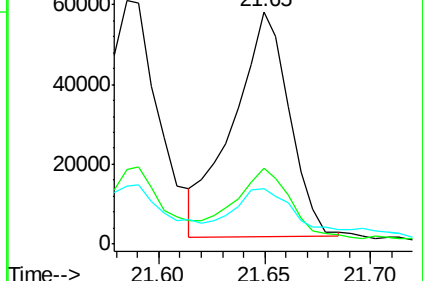
229 23.9 15.8 23.8#

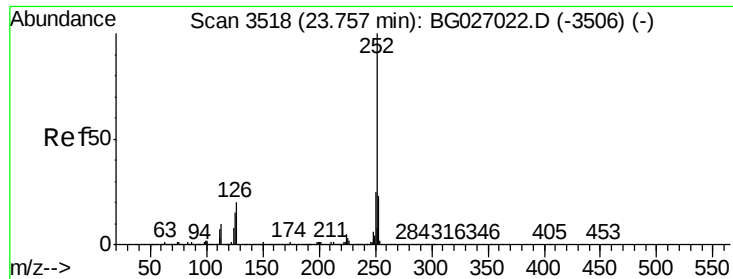


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#23

Benzo(b)fluoranthene

Concen: 3.32 ng/ul

RT: 23.78 min Scan# 3521

Delta R.T. 0.02 min

Lab File: BG027039.D

Acq: 19 May 2017 14:23

Instrument :

BNA_G

ClientSampleId :

DAC19

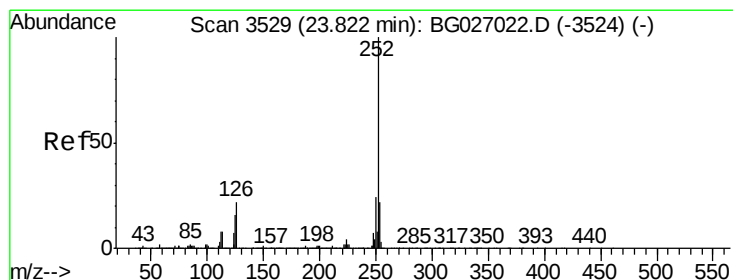
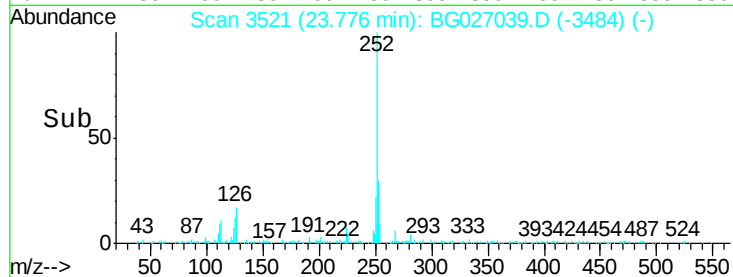
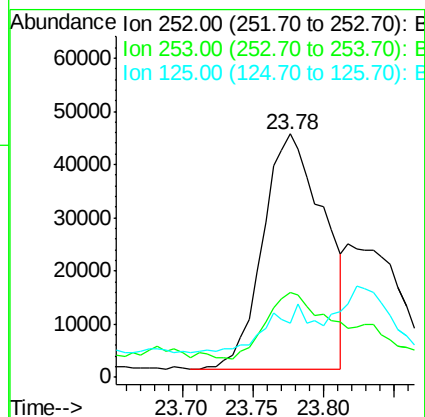
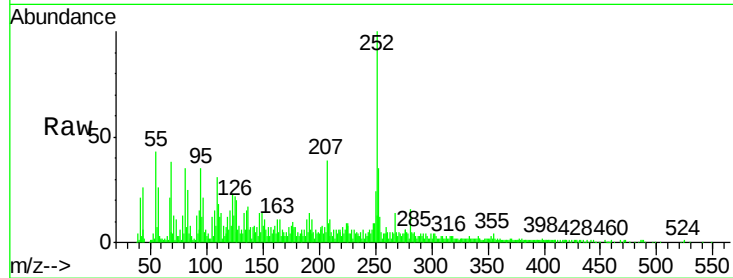
Tgt Ion:252 Resp: 133269

Ion Ratio Lower Upper

252 100

253 35.0 18.0 27.0#

125 22.1 8.0 12.0#



#24

Benzo(k)fluoranthene

Concen: 3.23 ng/ul

RT: 23.78 min Scan# 3521

Delta R.T. -0.05 min

Lab File: BG027039.D

Acq: 19 May 2017 14:23

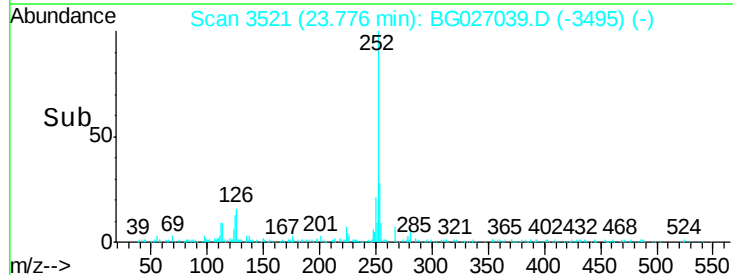
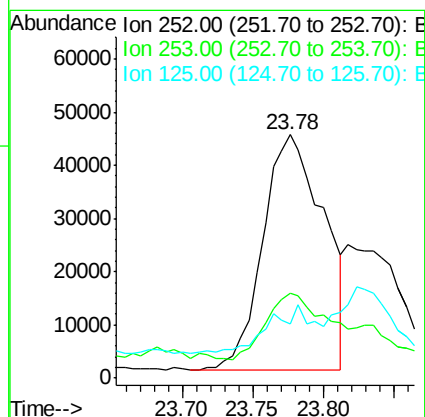
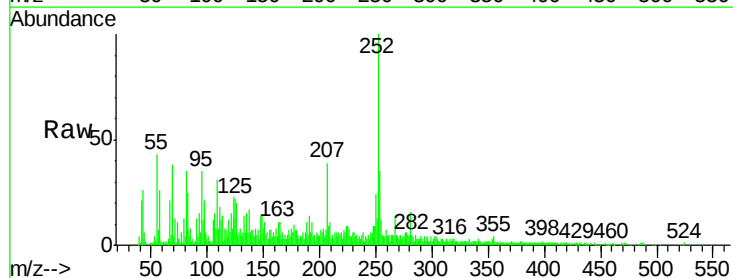
Tgt Ion:252 Resp: 133269

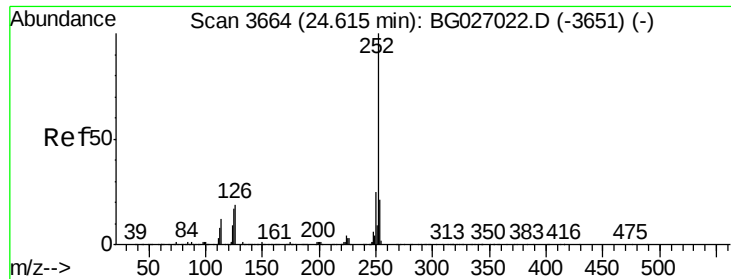
Ion Ratio Lower Upper

252 100

253 35.0 18.0 27.0#

125 22.1 8.1 12.1#





#26

Benzo(a)pyrene

Concen: 2.02 ng/ul

RT: 24.63 min Scan# 3667

Delta R.T. 0.02 min

Lab File: BG027039.D

Acq: 19 May 2017 14:23

Instrument :

BNA_G

ClientSampleId :

DAC19

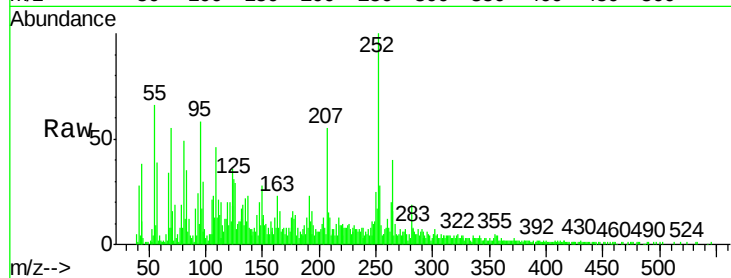
Tgt Ion:252 Resp: 79338

Ion Ratio Lower Upper

252 100

253 27.6 17.2 25.8#

125 31.3 8.2 12.4#



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

