

Data Path : Z:\HPCHEM1\BNA G\DATA\BG052417\
 Data File : BG027115.D
 Acq On : 24 May 2017 4:26
 Operator : SJ/MA
 Sample : I3275-22
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: May 24 05:28:56 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG051817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 24 01:50:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	253118	20.00	ng/ul	0.00
2) Naphthalene-d8	10.80	136	1192424	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.62	164	613556	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.35	188	1090767	20.00	ng/ul	0.00
17) Chrysene-d12	21.61	240	1029025	20.00	ng/ul	0.00
22) Perylene-d12	24.77	264	861623	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
7) Acenaphthylene-d8	14.31	160	1559161	24.77	ng/ul	0.00
10) Fluorene-d10	15.61	176	988995	23.56	ng/ul	0.00
14) Anthracene-d10	17.35	188	1090767	20.51	ng/ul	-0.10
18) Pyrene-d10	19.73	212	1262050	23.49	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.56	264	1206598	28.18	ng/ul	0.00

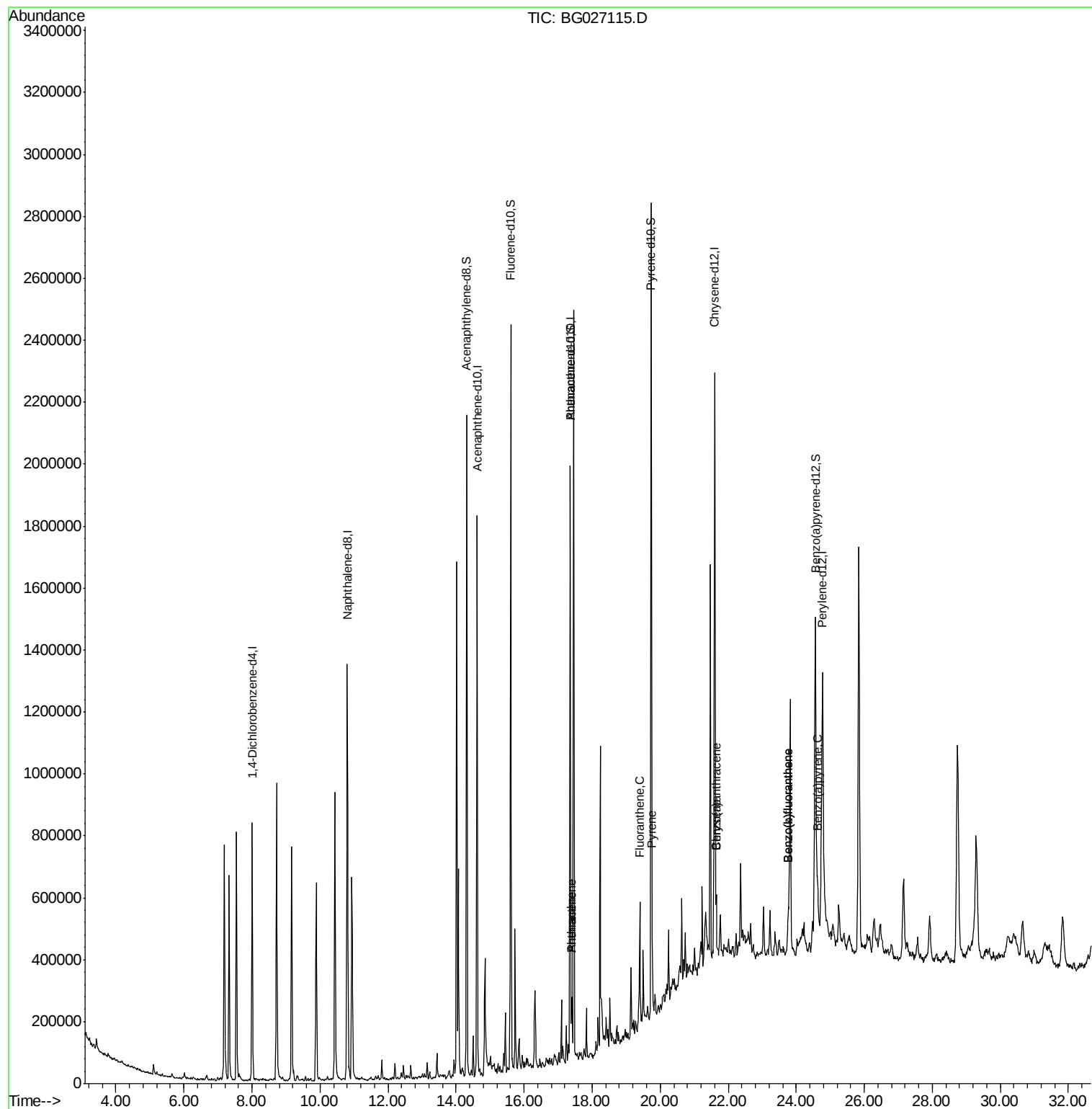
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Phenanthrene	17.39	178	118880	1.95	ng/ul	99
15) Anthracene	17.39	178	119131	1.90	ng/ul	98
16) Fluoranthene	19.40	202	193138	3.10	ng/ul#	96
19) Pyrene	19.76	202	168953	2.51	ng/ul#	90
20) Benzo(a)anthracene	21.65	228	123641	1.99	ng/ul	93
21) Chrysene	21.65	228	123931	2.18	ng/ul	97
23) Benzo(b)fluoranthene	23.78	252	180722	3.53	ng/ul#	89
24) Benzo(k)fluoranthene	23.78	252	180722	3.43	ng/ul#	89
26) Benzo(a)pyrene	24.63	252	81716	1.63	ng/ul#	88

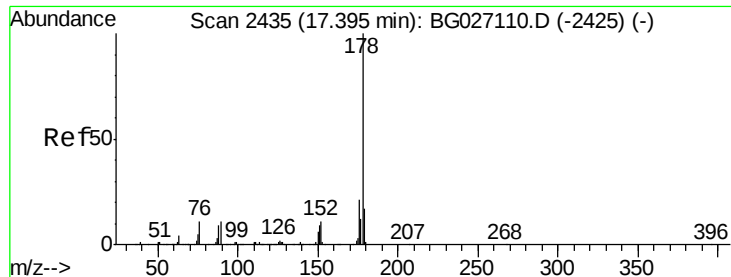
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG051817MA.M
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QLast Update : Wed May 24 01:50:08 2017
Response via : Initial Calibration





#13

Phenanthrene

Concen: 1.95 ng/ul

RT: 17.39 min Scan# 2435

Delta R.T. 0.00 min

Lab File: BG027115.D

Acq: 24 May 2017 4:26

Instrument :

BNA_G

ClientSampled :

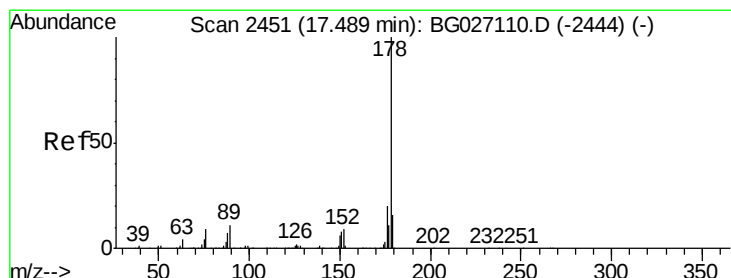
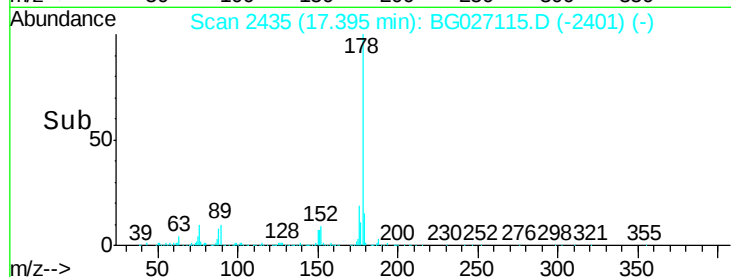
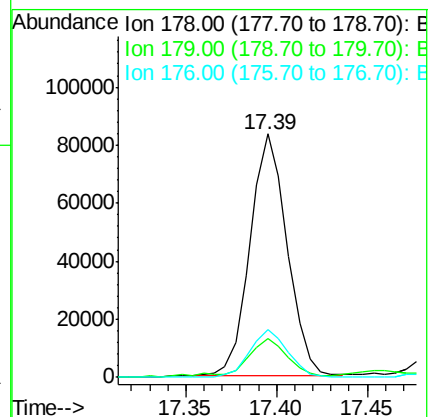
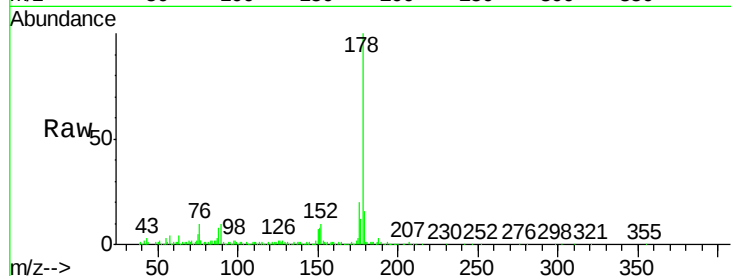
Tot Ion:178 Resp: 118880

Ion Ratio Lower Upper

178 100

179 15.8 12.3 18.5

176 19.7 15.1 22.7



#15

Anthracene

Concen: 1.90 ng/ul

RT: 17.39 min Scan# 2435

Delta R.T. -0.09 min

Lab File: BG027115.D

Acq: 24 May 2017 4:26

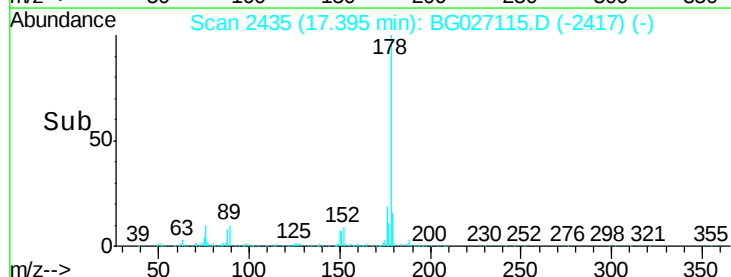
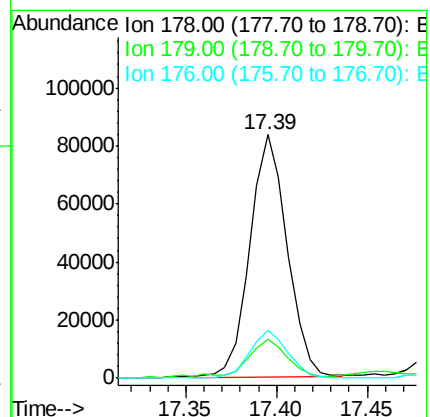
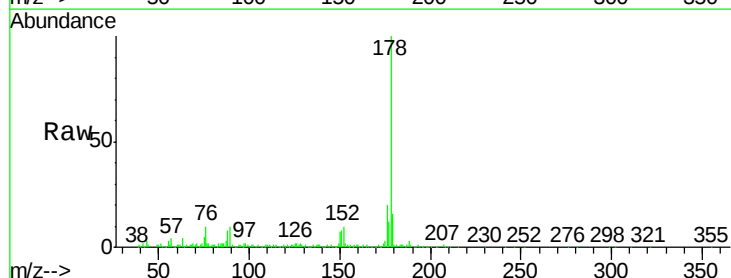
Tgt Ion:178 Resp: 119131

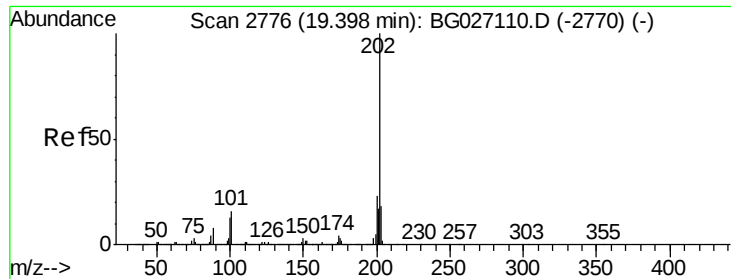
Ion Ratio Lower Upper

178 100

179 15.8 11.8 17.8

176 19.7 15.2 22.8

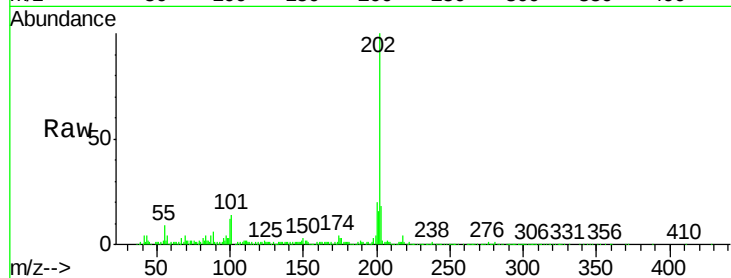




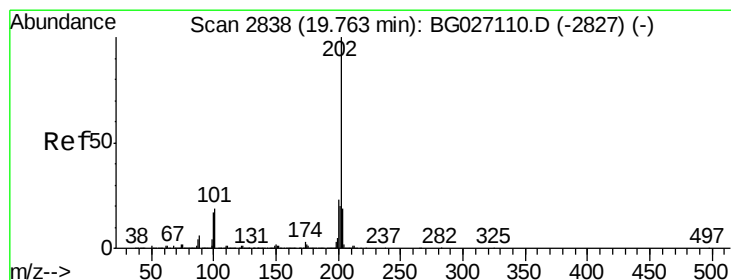
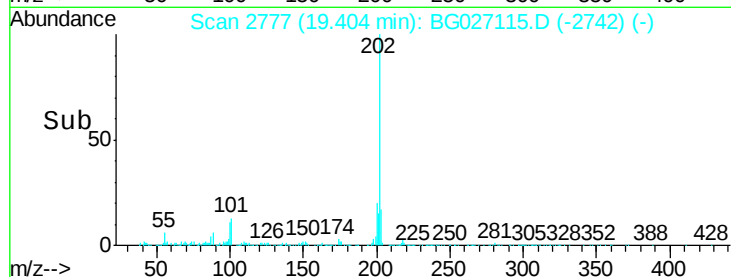
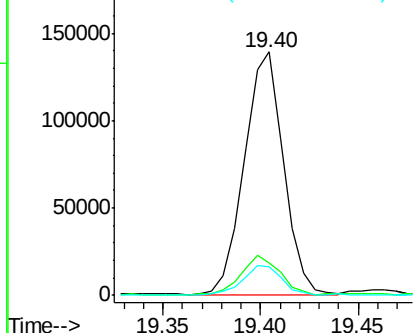
#16
Fluoranthene
Concen: 3.10 ng/ul
RT: 19.40 min Scan# 2777
Delta R.T. 0.01 min
Lab File: BG027115.D
Acq: 24 May 2017 4:26

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	13.5	9.9	14.9
100	11.6	7.4	11.0

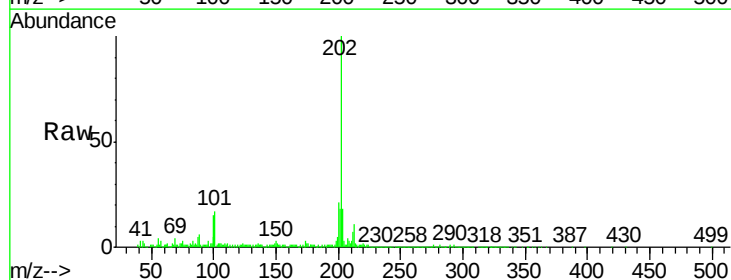


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

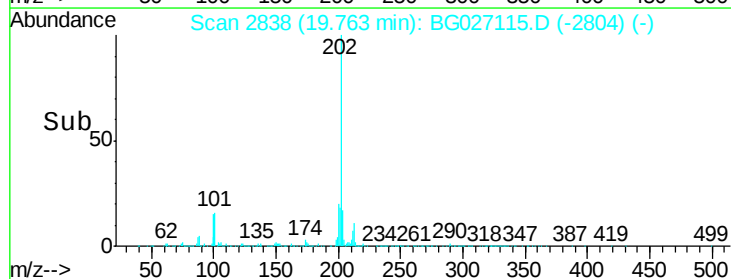
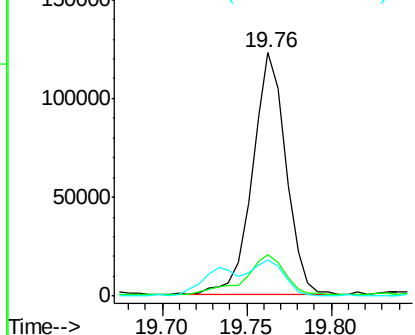


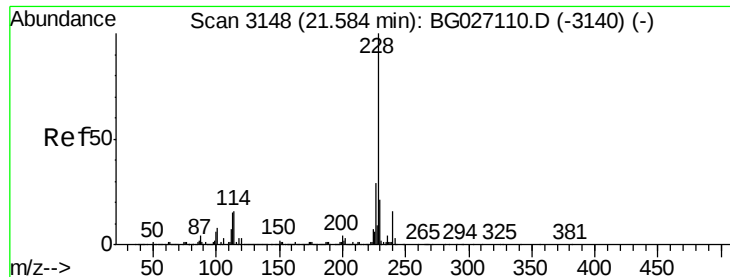
#19
Pyrene
Concen: 2.51 ng/ul
RT: 19.76 min Scan# 2838
Delta R.T. 0.00 min
Lab File: BG027115.D
Acq: 24 May 2017 4:26

Tgt Ion	Ratio	Lower	Upper
202	100		
101	16.7	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: 1.99 ng/ul

RT: 21.65 min Scan# 3159

Delta R.T. 0.06 min

Lab File: BG027115.D

Acq: 24 May 2017 4:26

Instrument :

BNA_G

ClientSampleId :

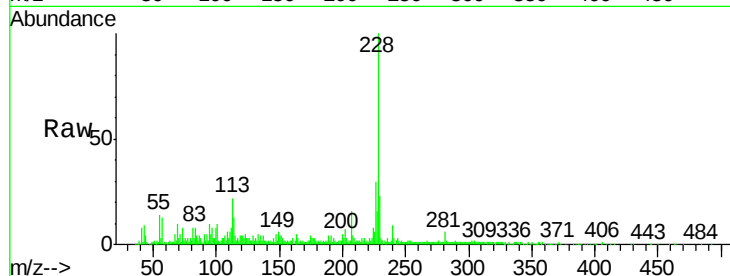
Tot Ion:228 Resp: 123641

Ion Ratio Lower Upper

228 100

229 22.6 15.7 23.5

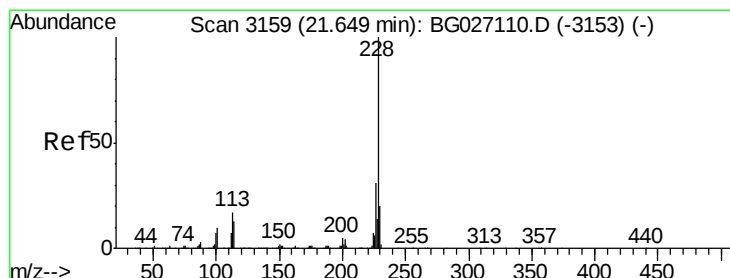
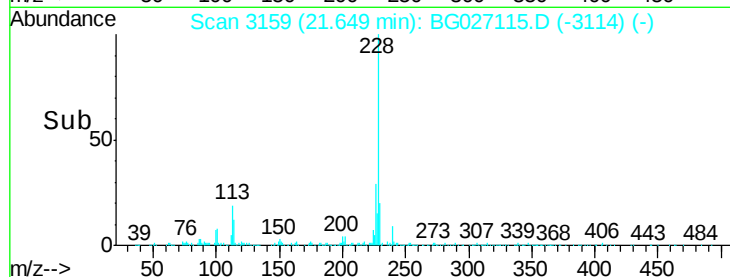
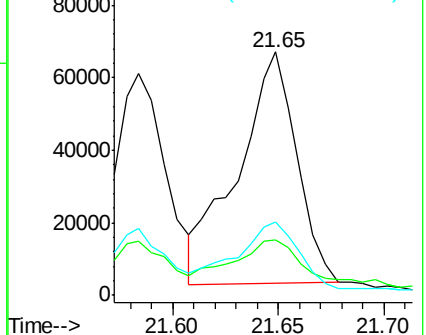
226 30.0 21.1 31.7



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: 2.18 ng/ul

RT: 21.65 min Scan# 3159

Delta R.T. 0.00 min

Lab File: BG027115.D

Acq: 24 May 2017 4:26

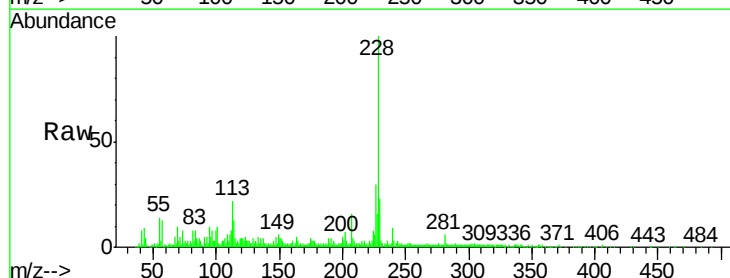
Tgt Ion:228 Resp: 123931

Ion Ratio Lower Upper

228 100

226 30.0 24.5 36.7

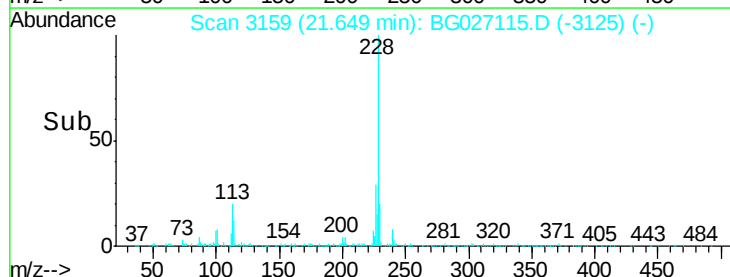
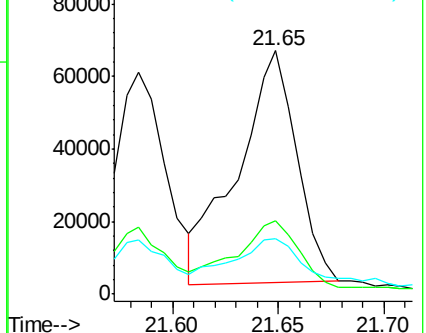
229 22.6 15.8 23.8

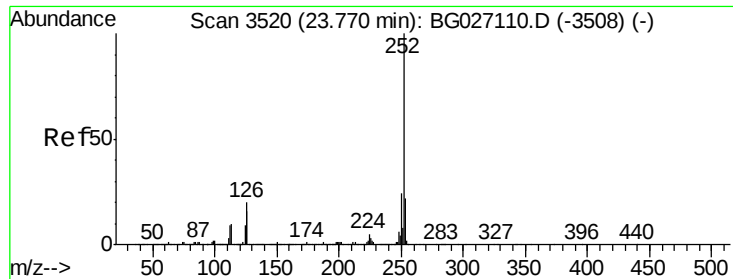


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#23

Benzo(b)fluoranthene

Concen: 3.53 ng/ul

RT: 23.78 min Scan# 3521

Delta R.T. 0.01 min

Lab File: BG027115.D

Acq: 24 May 2017 4:26

Instrument :

BNA_G

ClientSampleId :

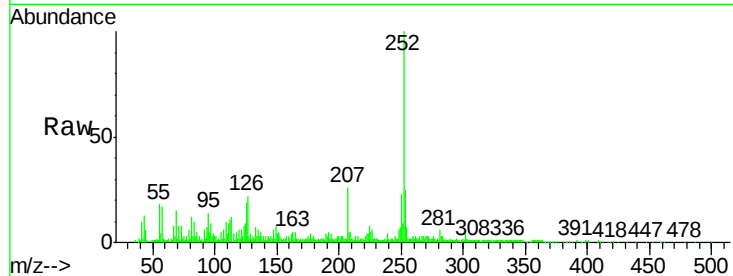
Tot Ion:252 Resp: 180722

Ion Ratio Lower Upper

252 100

253 24.9 18.0 27.0

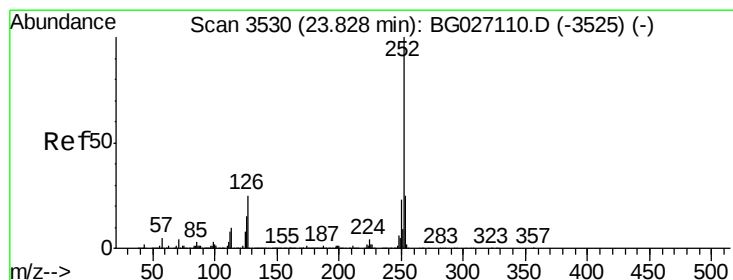
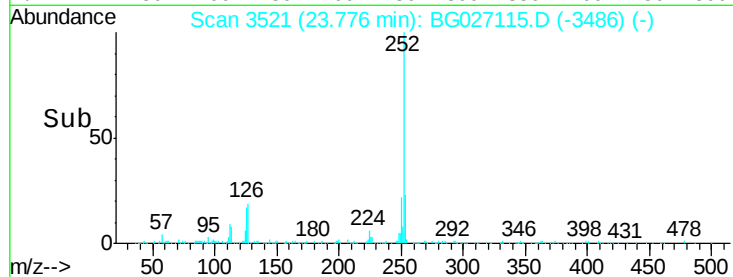
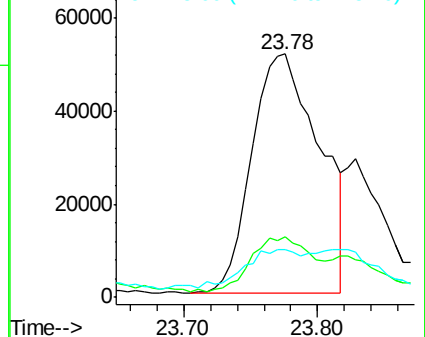
125 19.4 8.0 12.0#



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: 3.43 ng/ul

RT: 23.78 min Scan# 3521

Delta R.T. -0.05 min

Lab File: BG027115.D

Acq: 24 May 2017 4:26

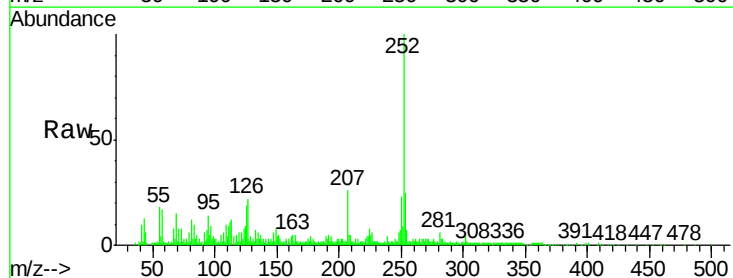
Tgt Ion:252 Resp: 180722

Ion Ratio Lower Upper

252 100

253 24.9 18.0 27.0

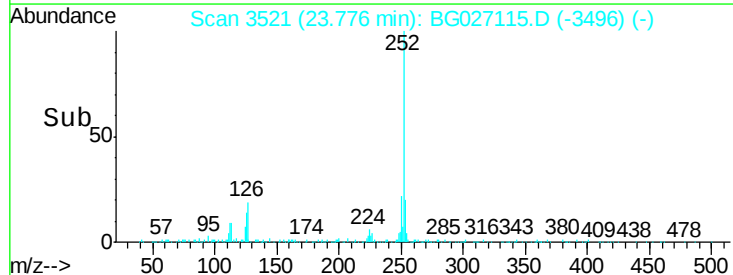
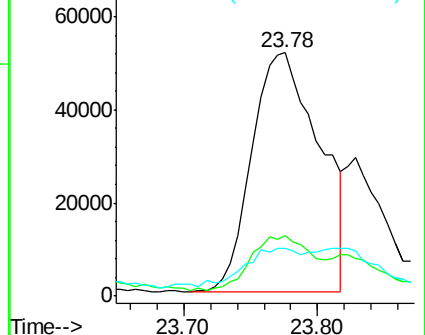
125 19.4 8.1 12.1#

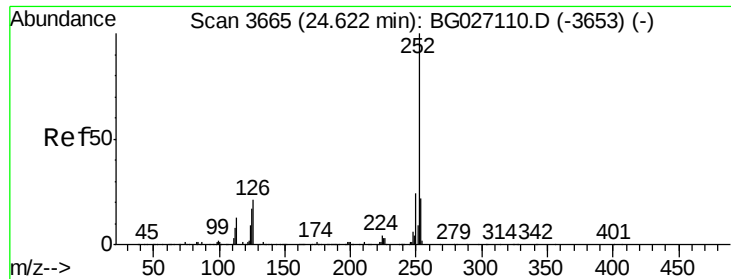


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#26

Benzo(a)pyrene

Concen: 1.63 ng/ul

RT: 24.63 min Scan# 3666

Delta R.T. 0.01 min

Lab File: BG027115.D

Acq: 24 May 2017 4:26

Instrument :

BNA_G

ClientSampleId :

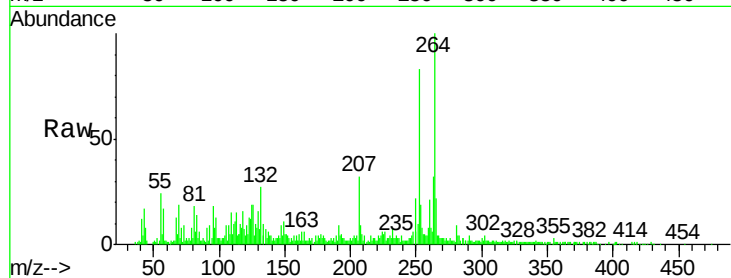
Tot Ion:252 Resp: 81716

Ion Ratio Lower Upper

252 100

253 22.6 17.2 25.8

125 22.3 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

