

Data Path : Z:\HPCHEM1\BNA G\DATA\BG052617\
 Data File : BG027151.D
 Acq On : 25 May 2017 5:58
 Operator : SJ/MA
 Sample : I3277-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: May 25 06:45:03 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG051817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 25 06:05:48 2017
 Response via : Initial Calibration

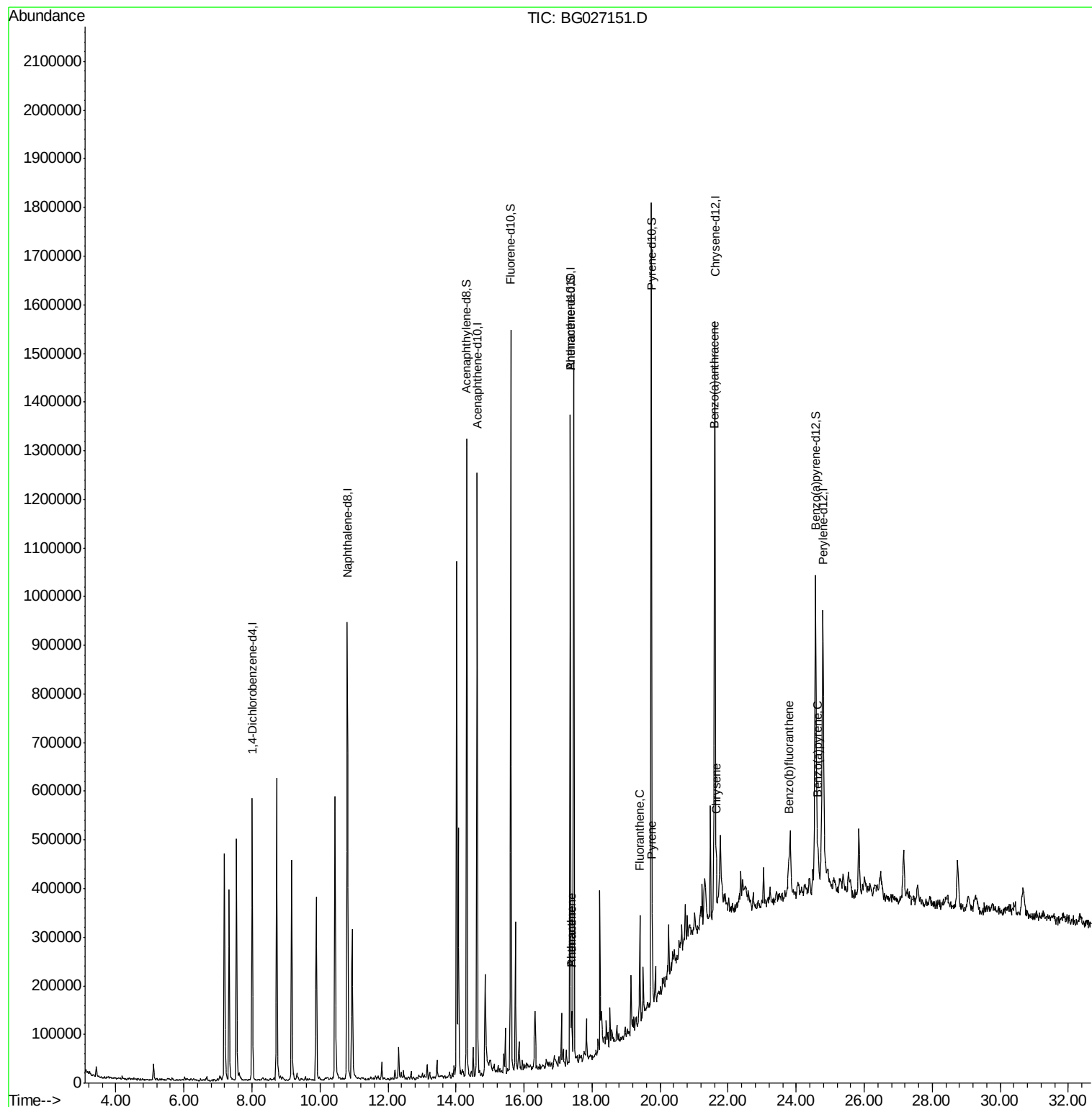
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	178771	20.00	ng/ul	0.00
2) Naphthalene-d8	10.80	136	845610	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.62	164	424789	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.36	188	772461	20.00	ng/ul	0.00
17) Chrysene-d12	21.61	240	696878	20.00	ng/ul	0.00
22) Perylene-d12	24.79	264	588202	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.32	160	971471	22.30	ng/ul	0.00
10) Fluorene-d10	15.61	176	614760	21.15	ng/ul	0.00
14) Anthracene-d10	17.36	188	772461	20.51	ng/ul	-0.10
18) Pyrene-d10	19.74	212	813684	22.36	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.56	264	680464	23.28	ng/ul	0.00
Target Compounds						
13) Phenanthrene	17.40	178	62673	1.45	ng/ul	Ovalue 97
15) Anthracene	17.40	178	62934	1.42	ng/ul	97
16) Fluoranthene	19.40	202	120427	2.73	ng/ul#	93
19) Pyrene	19.77	202	104466	2.29	ng/ul#	89
20) Benzo(a)anthracene	21.59	228	59741	1.42	ng/ul#	93
21) Chrysene	21.65	228	76058	1.97	ng/ul#	93
23) Benzo(b)fluoranthene	23.78	252	83135	2.38	ng/ul#	85
26) Benzo(a)pyrene	24.63	252	45611	1.33	ng/ul#	84

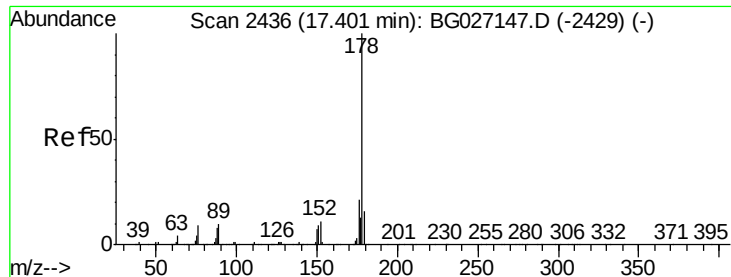
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Phenanthrene

Concen: 1.45 ng/ul

RT: 17.40 min Scan# 2436

Delta R.T. 0.00 min

Lab File: BG027151.D

Acq: 25 May 2017 5:58

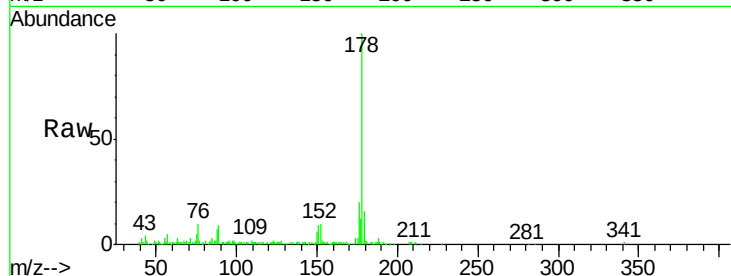
Instrument :

BNA_G

ClientSampleId :

Tot Ion:178 Resp: 62673

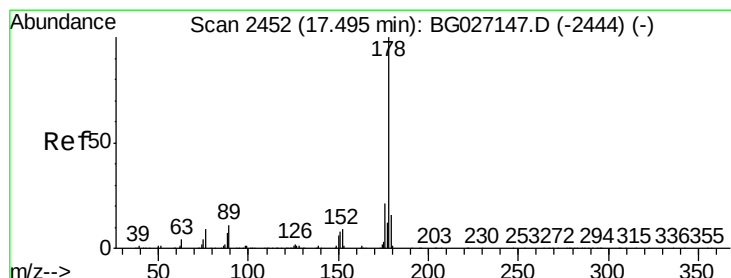
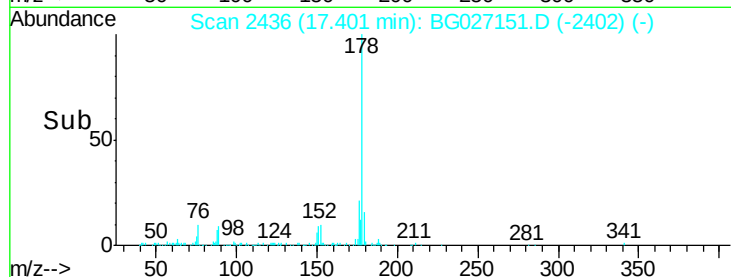
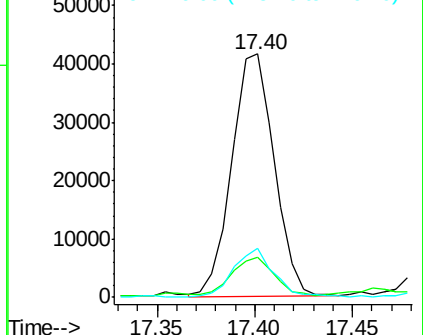
Ion	Ratio	Lower	Upper
178	100		
179	16.4	12.3	18.5
176	20.4	15.1	22.7



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: 1.42 ng/ul

RT: 17.40 min Scan# 2436

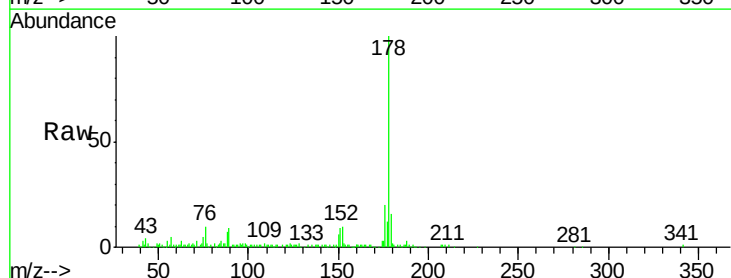
Delta R.T. -0.09 min

Lab File: BG027151.D

Acq: 25 May 2017 5:58

Tgt Ion:178 Resp: 62934

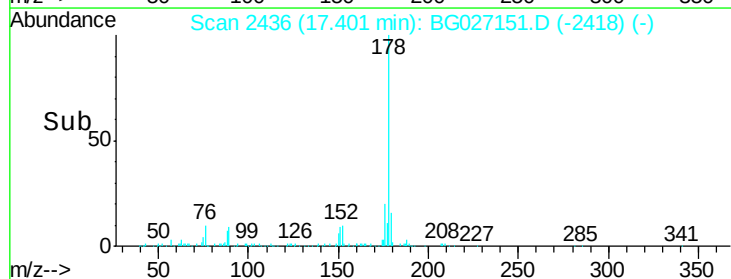
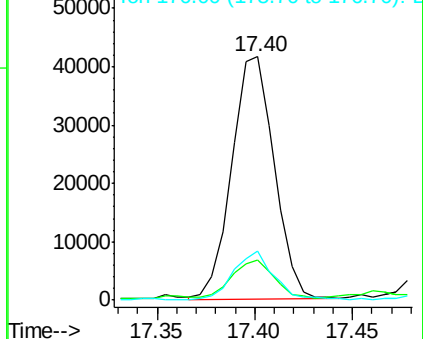
Ion	Ratio	Lower	Upper
178	100		
179	16.4	11.8	17.8
176	20.4	15.2	22.8

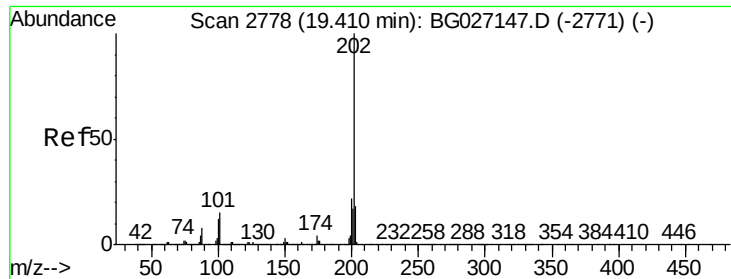


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

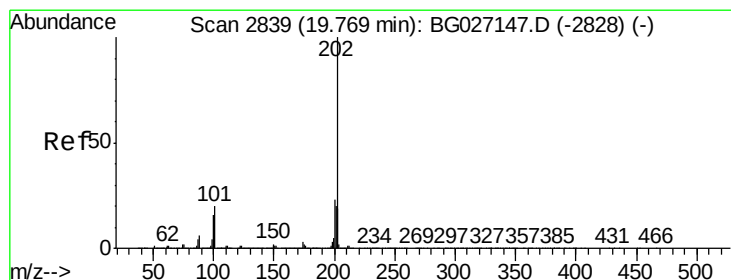
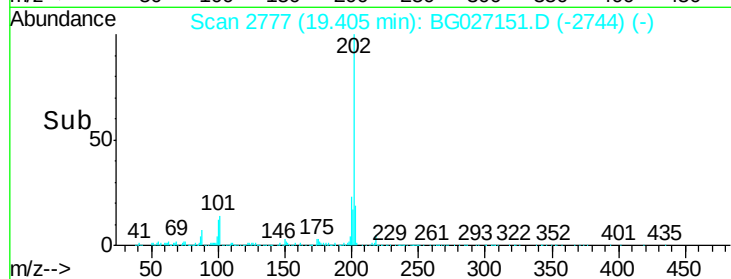
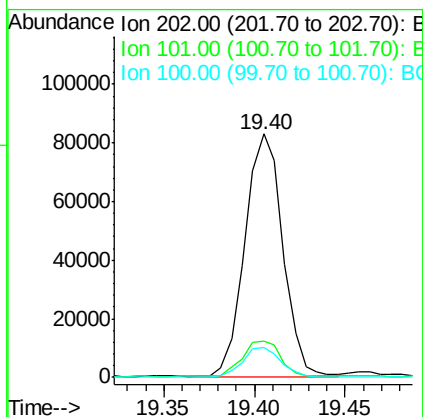
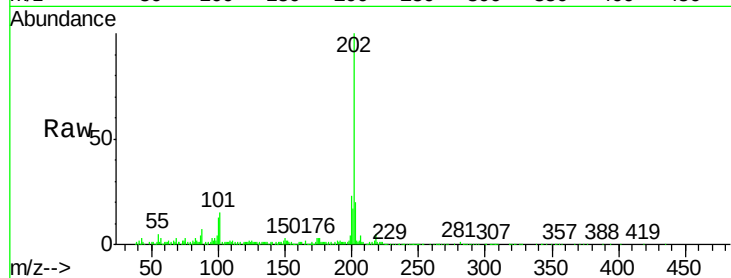




#16
Fluoranthene
Concen: 2.73 ng/ul
RT: 19.40 min Scan# 2777
Delta R.T. -0.01 min
Lab File: BG027151.D
Acq: 25 May 2017 5:58

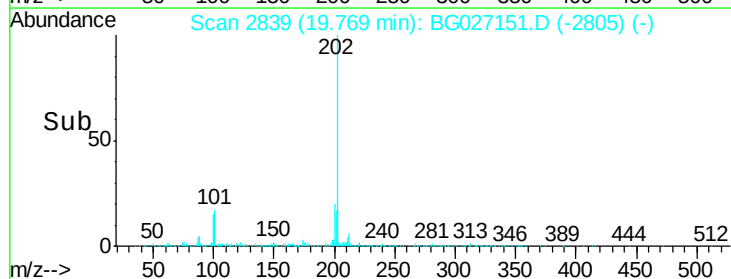
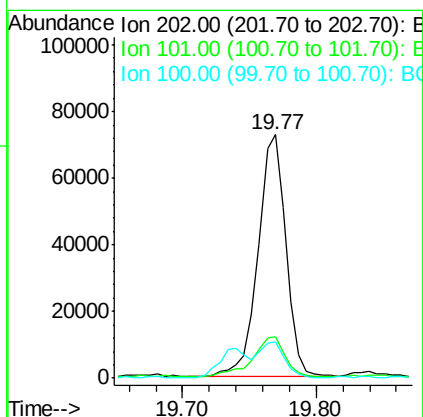
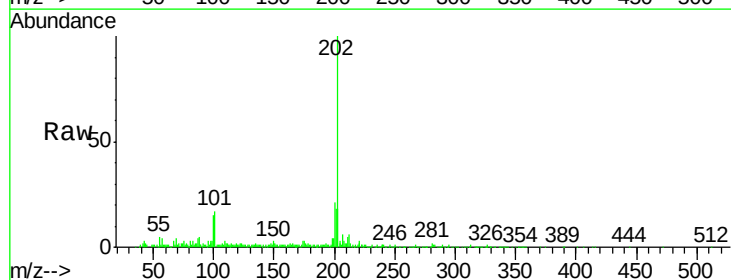
Instrument :
BNA_G
ClientSampled :

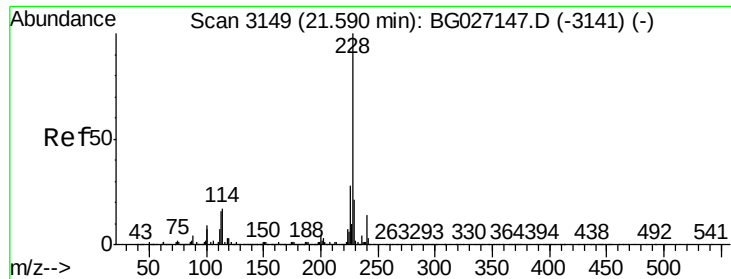
Tot Ion	Ratio	Lower	Upper
202	100		
101	14.8	9.9	14.9
100	12.5	7.4	11.0



#19
Pyrene
Concen: 2.29 ng/ul
RT: 19.77 min Scan# 2839
Delta R.T. 0.00 min
Lab File: BG027151.D
Acq: 25 May 2017 5:58

Tgt Ion	Ratio	Lower	Upper
202	100		
101	17.2	11.0	16.4
100	15.0	8.1	12.1





#20

Benzo(a)anthracene

Concen: 1.42 ng/ul

RT: 21.59 min Scan# 3149

Delta R.T. 0.00 min

Lab File: BG027151.D

Acq: 25 May 2017 5:58

Instrument :

BNA_G

ClientSampleId :

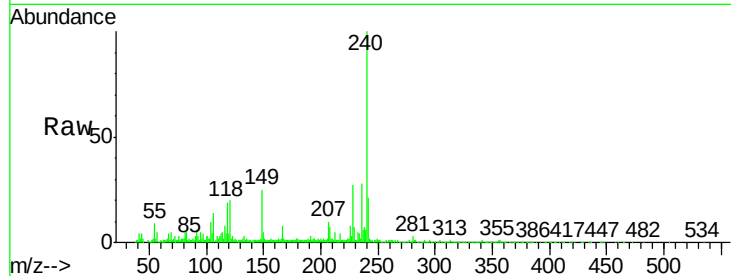
Tot Ion:228 Resp: 59741

Ion Ratio Lower Upper

228 100

229 24.4 15.7 23.5#

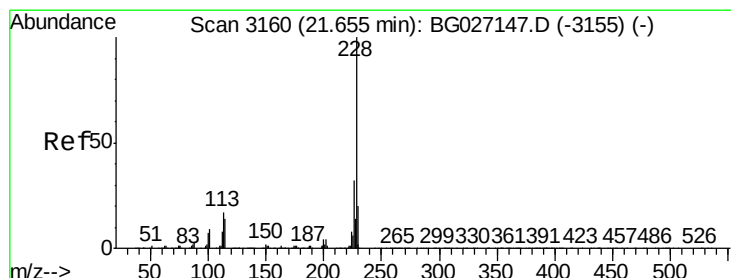
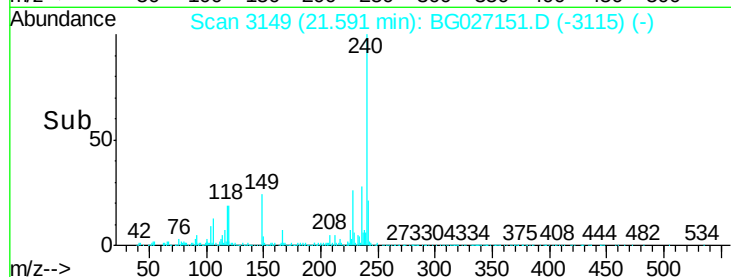
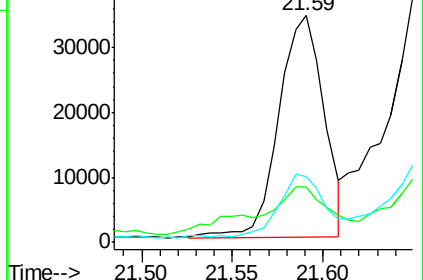
226 28.9 21.1 31.7



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: 1.97 ng/ul

RT: 21.65 min Scan# 3159

Delta R.T. -0.01 min

Lab File: BG027151.D

Acq: 25 May 2017 5:58

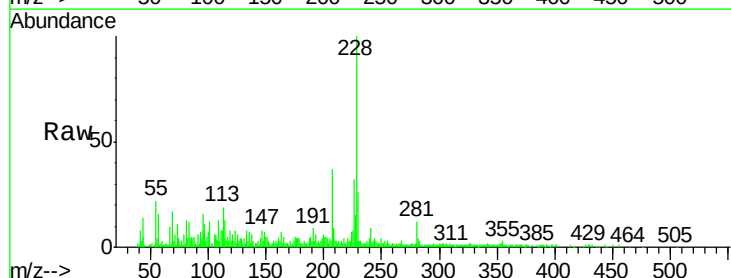
Tgt Ion:228 Resp: 76058

Ion Ratio Lower Upper

228 100

226 31.9 24.5 36.7

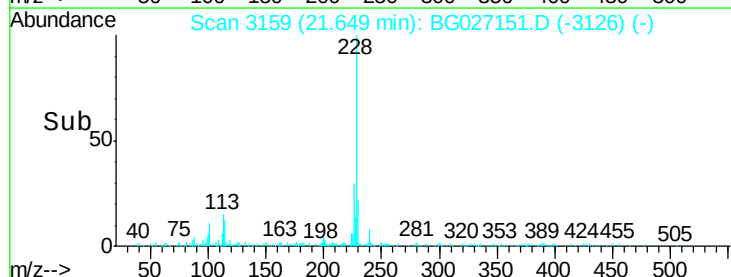
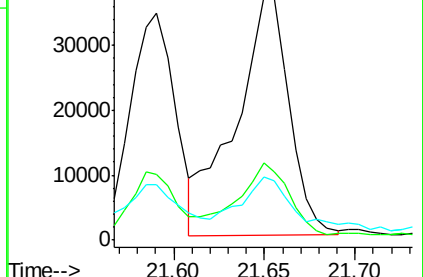
229 25.8 15.8 23.8#

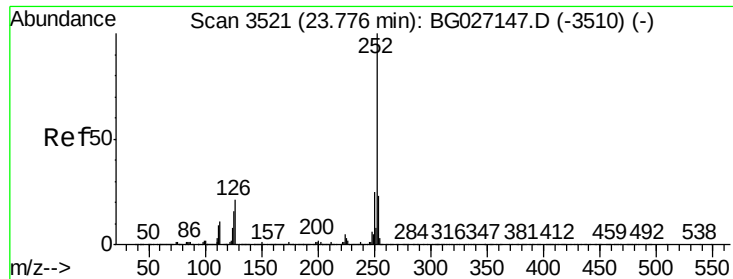


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

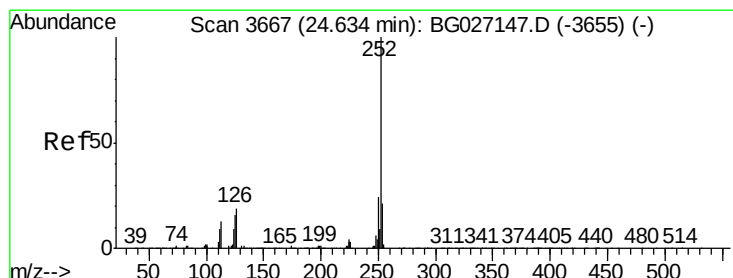
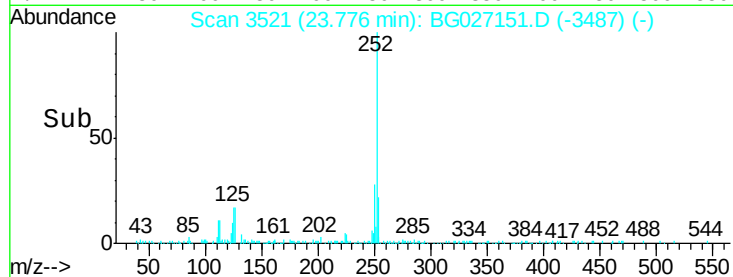
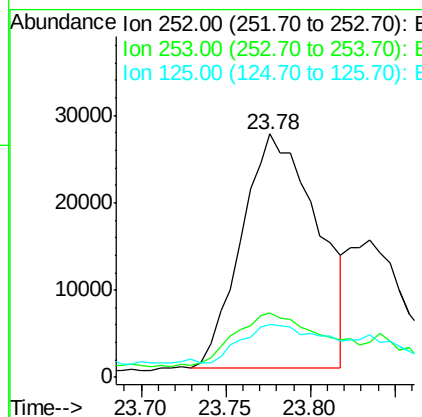
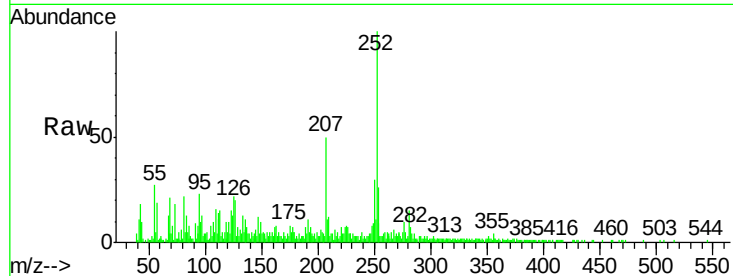




#23
Benzo(b)fluoranthene
Concen: 2.38 ng/ul
RT: 23.78 min Scan# 3521
Delta R.T. 0.00 min
Lab File: BG027151.D
Acq: 25 May 2017 5:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.3	18.0	27.0
125	21.6	8.0	12.0#



#26
Benzo(a)pyrene
Concen: 1.33 ng/ul
RT: 24.63 min Scan# 3667
Delta R.T. 0.00 min
Lab File: BG027151.D
Acq: 25 May 2017 5:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.5	17.2	25.8
125	22.0	8.2	12.4#

