

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031517\
 Data File : BG026236.D
 Acq On : 15 Mar 2017 15:26
 Operator : SJ/MA
 Sample : I2236-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DABF7

Quant Time: Mar 16 03:54:03 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.3-EPA-BG021617MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 16 03:52:56 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	68396	20.00	ng/ul	0.00
2) Naphthalene-d8	10.86	136	348863	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.66	164	240129	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.39	188	603169	20.00	ng/ul	0.00
17) Chrysene-d12	21.64	240	612530	20.00	ng/ul	0.00
22) Perylene-d12	24.82	264	575037	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
7) Acenaphthylene-d8	14.35	160	715490	35.98	ng/ul	0.00
10) Fluorene-d10	15.64	176	566953	37.13	ng/ul	0.00
14) Anthracene-d10	17.49	188	915960	33.59	ng/ul	0.00
18) Pyrene-d10	19.76	212	927207	31.41	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.60	264	857399	33.69	ng/ul	0.00

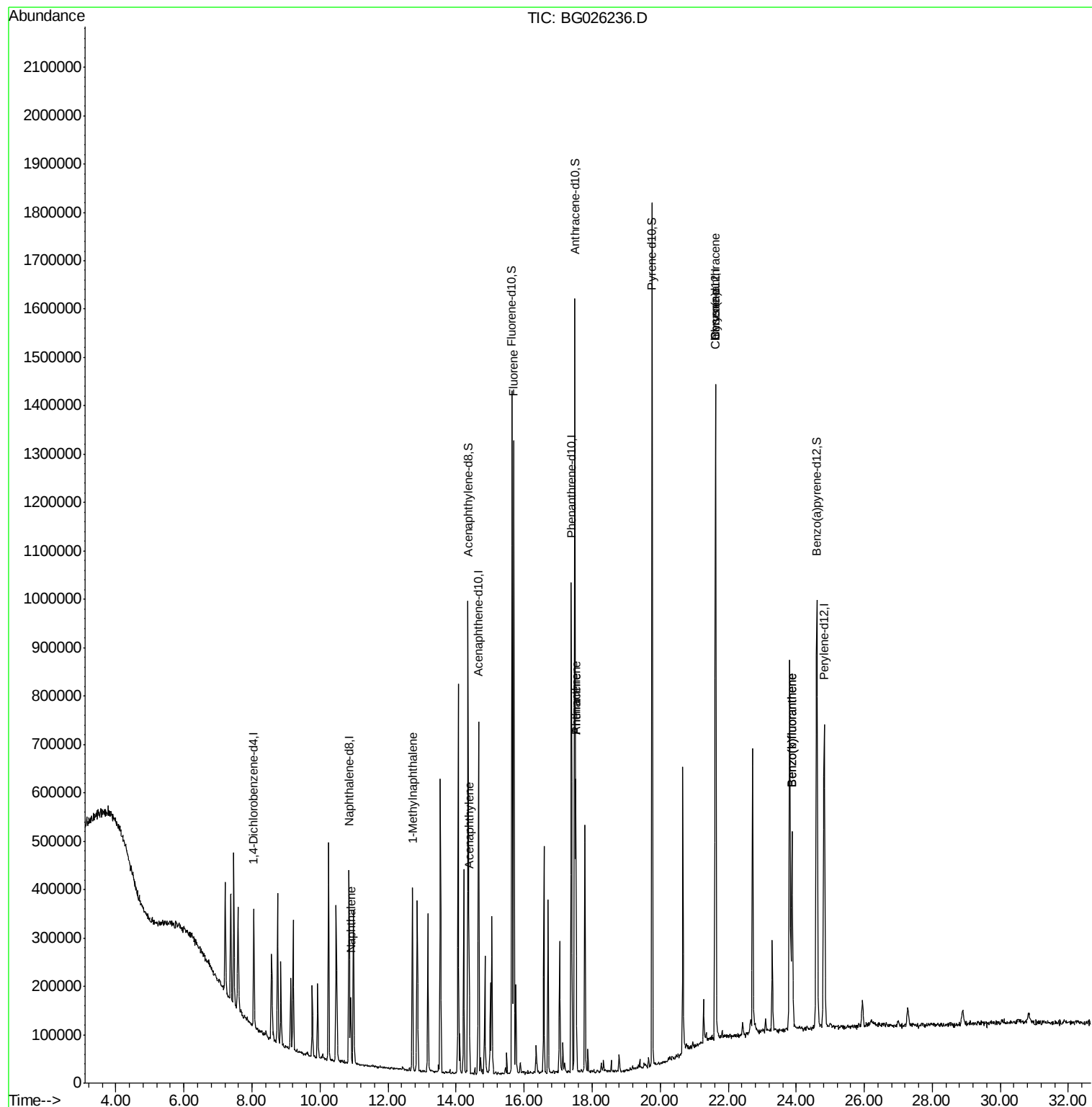
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	10.90	128	115774	6.73	ng/ul	96
5) 1-Methylnaphthalene	12.72	142	184505	13.96	ng/ul#	93
8) Acenaphthylene	14.38	152	196096	9.63	ng/ul	97
11) Fluorene	15.70	166	486395	28.48	ng/ul	95
13) Phenanthrene	17.52	178	378077	11.75	ng/ul	99
15) Anthracene	17.52	178	378077	11.57	ng/ul	99
20) Benzo(a)anthracene	21.62	228	642894	18.66	ng/ul	98
21) Chrysene	21.62	228	642894	19.53	ng/ul	97
23) Benzo(b)fluoranthene	23.87	252	339333	10.21	ng/ul	98
24) Benzo(k)fluoranthene	23.87	252	341249	10.63	ng/ul	98

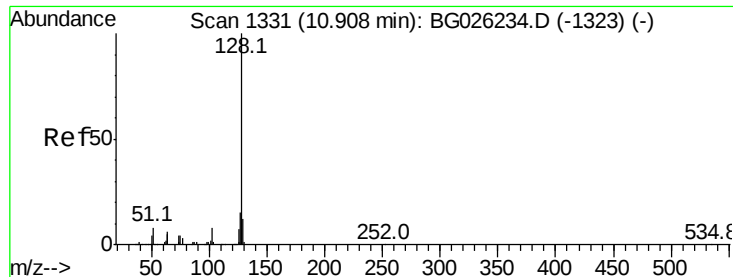
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 6.73 ng/ul

RT: 10.90 min Scan# 1330

Delta R.T. -0.00 min

Lab File: BG026236.D

Acq: 15 Mar 2017 15:26

Instrument :

BNA_G

ClientSampleId :

DABF7

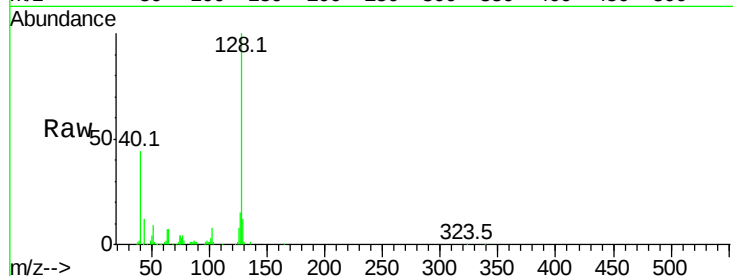
Tot Ion:128 Resp: 115774

Ion Ratio Lower Upper

128 100

129 12.3 8.7 13.1

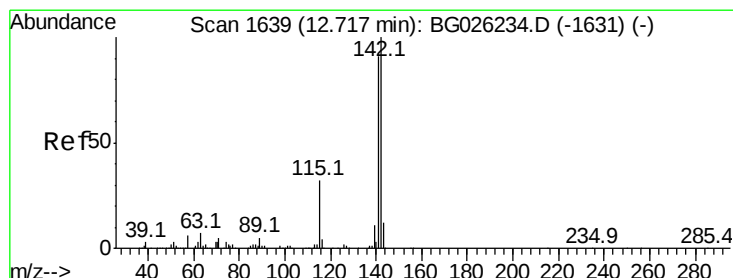
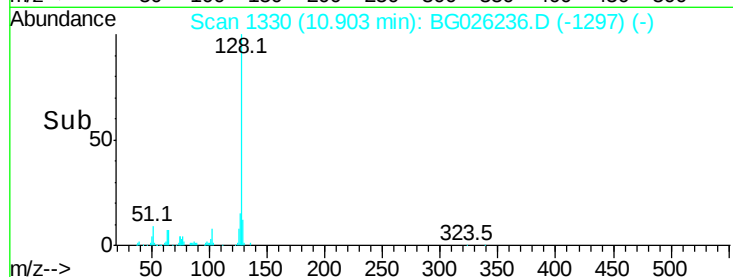
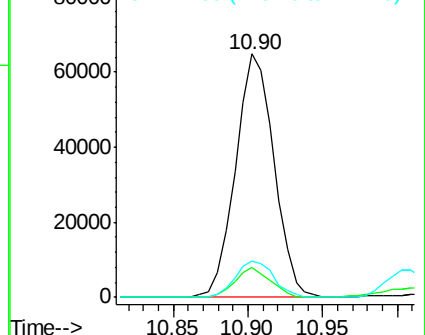
127 15.0 10.6 16.0



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: 13.96 ng/ul

RT: 12.72 min Scan# 1639

Delta R.T. 0.00 min

Lab File: BG026236.D

Acq: 15 Mar 2017 15:26

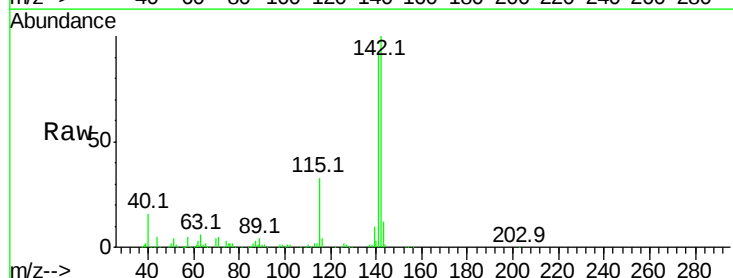
Tgt Ion:142 Resp: 184505

Ion Ratio Lower Upper

142 100

141 91.6 79.3 118.9

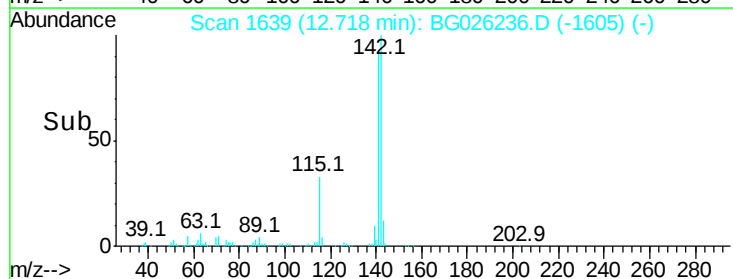
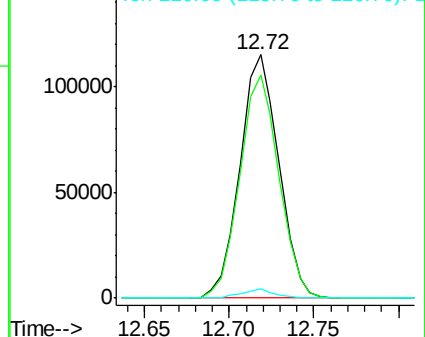
116 3.7 4.2 6.2#

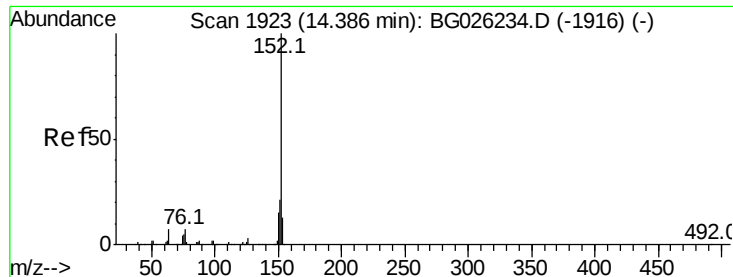


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#8

Acenaphthylene

Concen: 9.63 ng/ul

RT: 14.38 min Scan# 1922

Delta R.T. -0.00 min

Lab File: BG026236.D

Acq: 15 Mar 2017 15:26

Instrument :

BNA_G

ClientSampleId :

DABF7

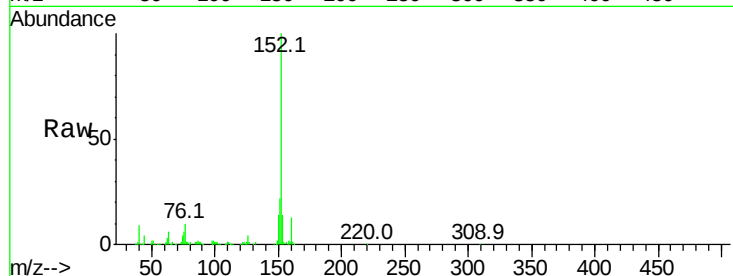
Tot Ion:152 Resp: 196096

Ion Ratio Lower Upper

152 100

151 22.5 16.7 25.1

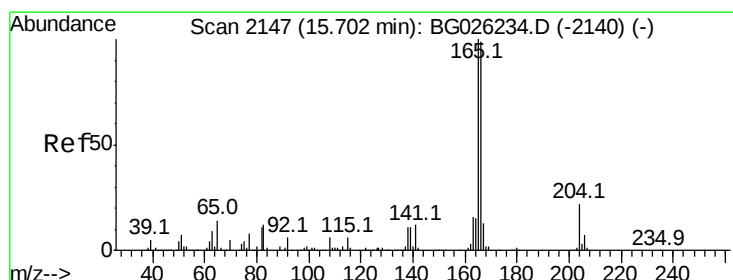
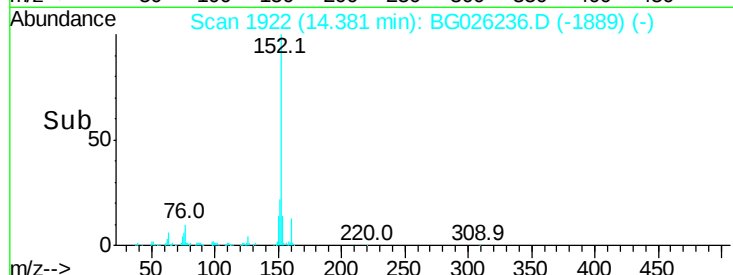
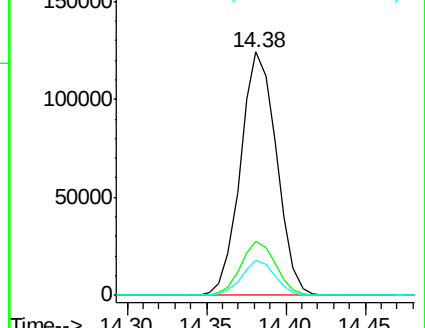
153 14.3 10.2 15.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#11

Fluorene

Concen: 28.48 ng/ul

RT: 15.70 min Scan# 2147

Delta R.T. 0.00 min

Lab File: BG026236.D

Acq: 15 Mar 2017 15:26

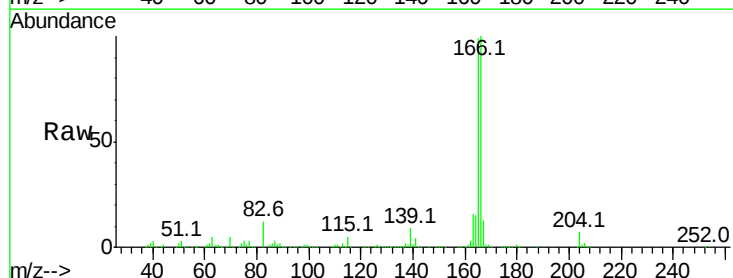
Tgt Ion:166 Resp: 486395

Ion Ratio Lower Upper

166 100

165 99.3 83.8 125.8

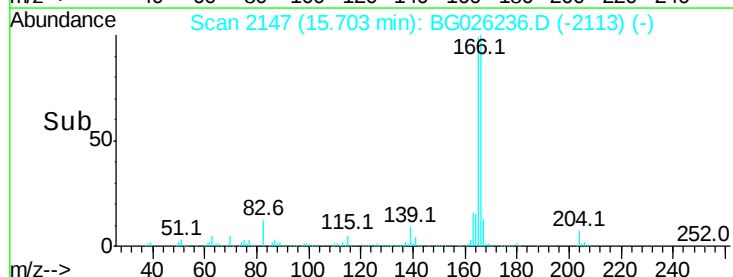
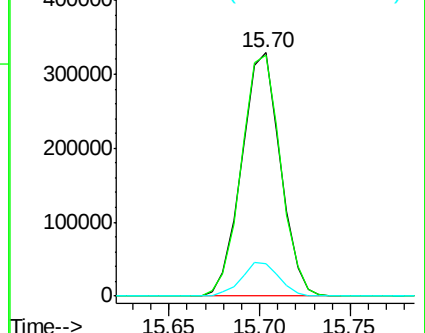
167 13.5 11.5 17.3

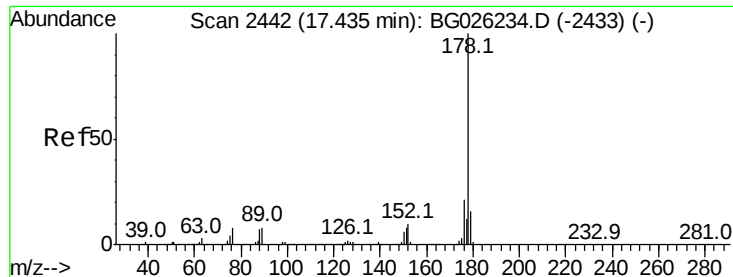


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#13

Phenanthrene

Concen: 11.75 ng/ul

RT: 17.52 min Scan# 2457

Delta R.T. 0.09 min

Lab File: BG026236.D

Acq: 15 Mar 2017 15:26

Instrument :

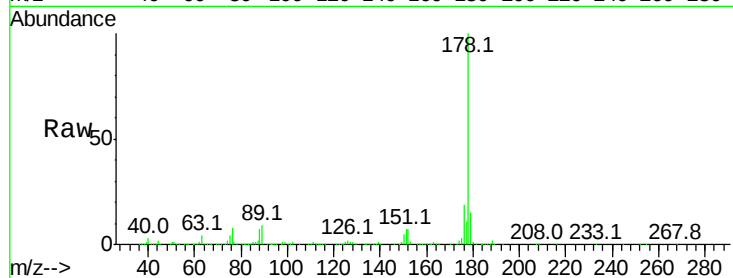
BNA_G

ClientSampleId :

DABF7

Tot Ion:178 Resp: 378077

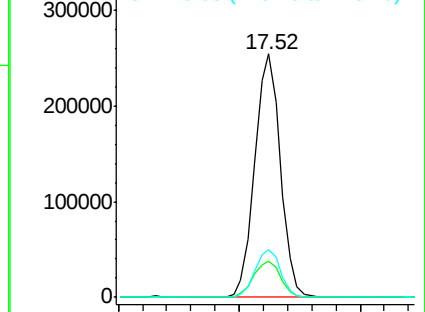
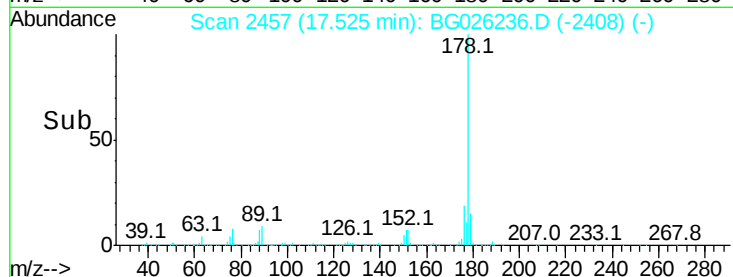
Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.3	18.5
176	19.5	15.1	22.7



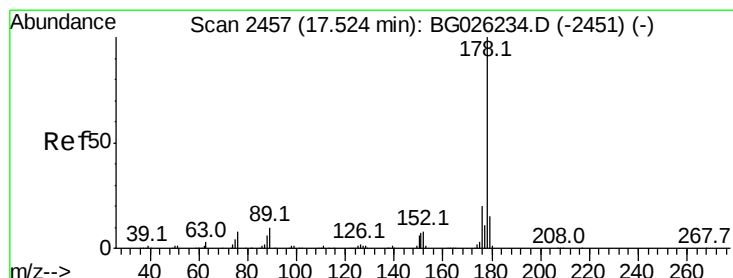
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



Time--> 17.40 17.50 17.60



#15

Anthracene

Concen: 11.57 ng/ul

RT: 17.52 min Scan# 2457

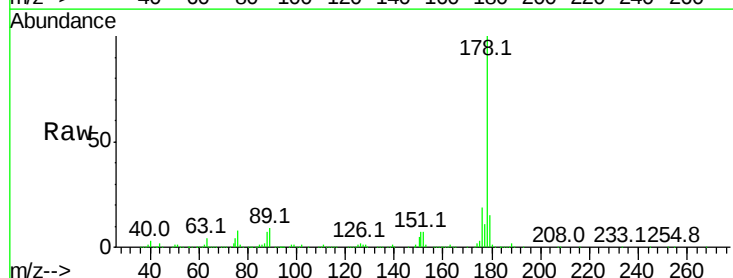
Delta R.T. 0.00 min

Lab File: BG026236.D

Acq: 15 Mar 2017 15:26

Tgt Ion:178 Resp: 378077

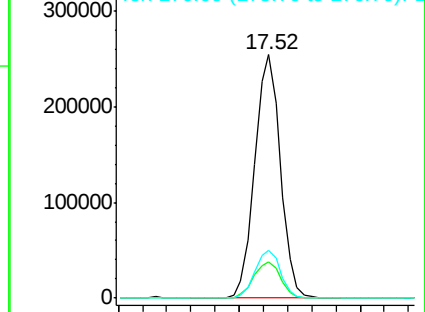
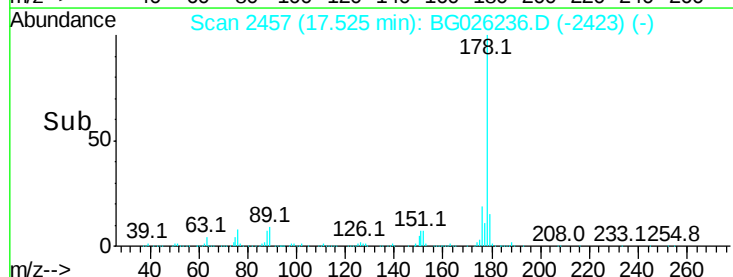
Ion	Ratio	Lower	Upper
178	100		
179	15.1	11.8	17.8
176	19.5	15.2	22.8



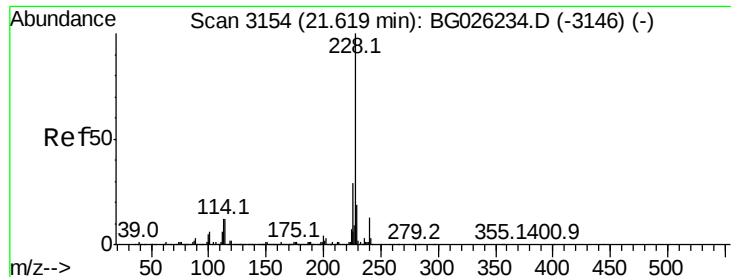
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



Time--> 17.40 17.50 17.60



#20

Benzo(a)anthracene

Concen: 18.66 ng/ul

RT: 21.62 min Scan# 3154

Delta R.T. 0.00 min

Lab File: BG026236.D

Acq: 15 Mar 2017 15:26

Instrument :

BNA_G

ClientSampleId :

DABF7

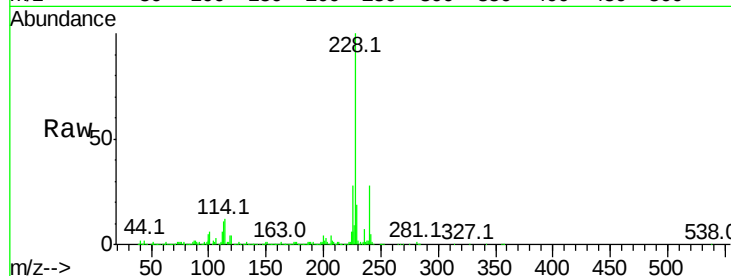
Tot Ion:228 Resp: 642894

Ion Ratio Lower Upper

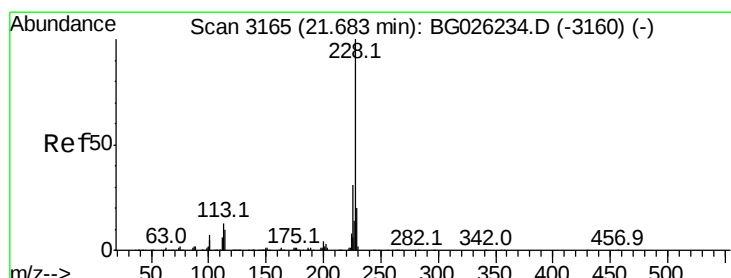
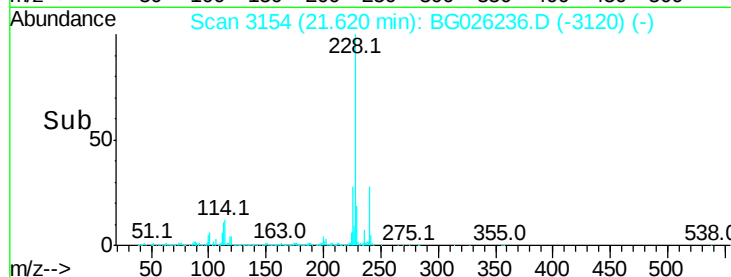
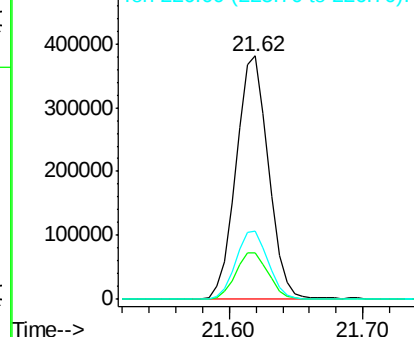
228 100

229 19.3 15.7 23.5

226 28.0 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: 19.53 ng/ul

RT: 21.62 min Scan# 3154

Delta R.T. -0.06 min

Lab File: BG026236.D

Acq: 15 Mar 2017 15:26

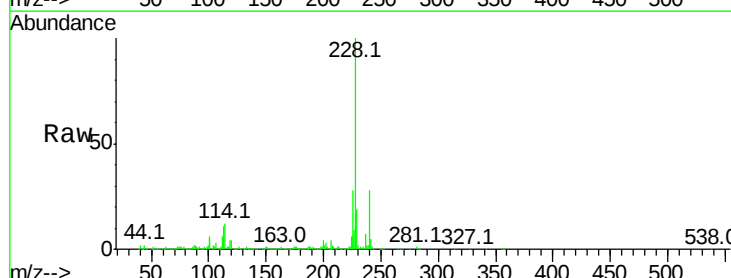
Tgt Ion:228 Resp: 642894

Ion Ratio Lower Upper

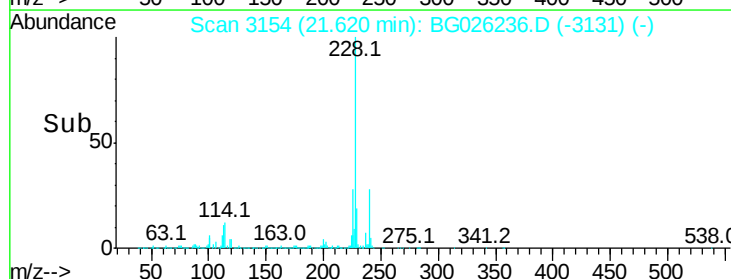
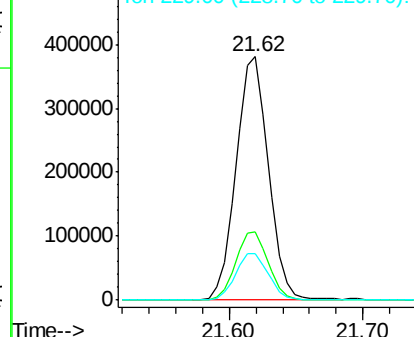
228 100

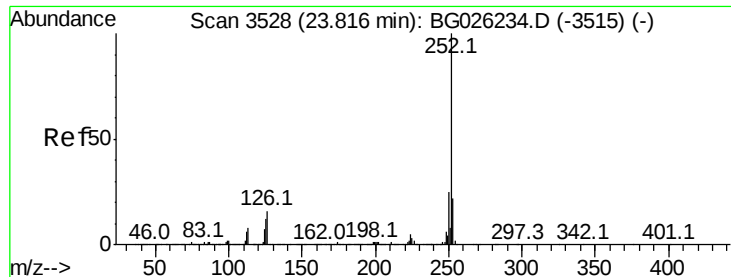
226 28.0 24.5 36.7

229 19.3 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: 10.21 ng/ul

RT: 23.87 min Scan# 3537

Delta R.T. 0.05 min

Lab File: BG026236.D

Acq: 15 Mar 2017 15:26

Instrument :

BNA_G

ClientSampleId :

DABF7

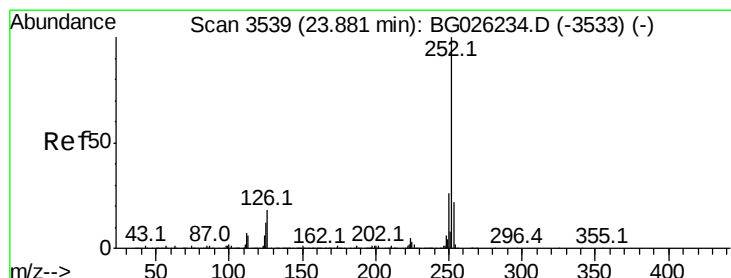
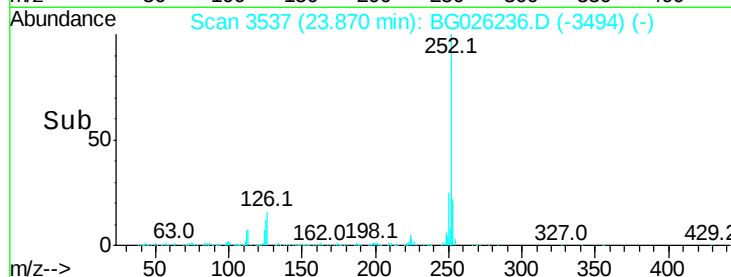
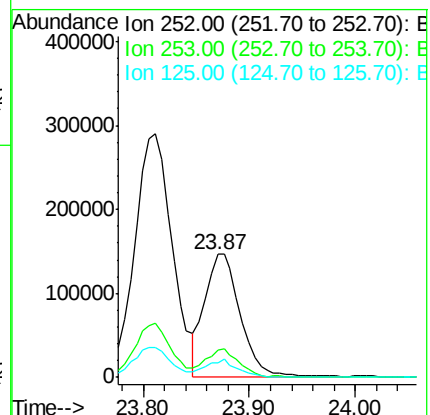
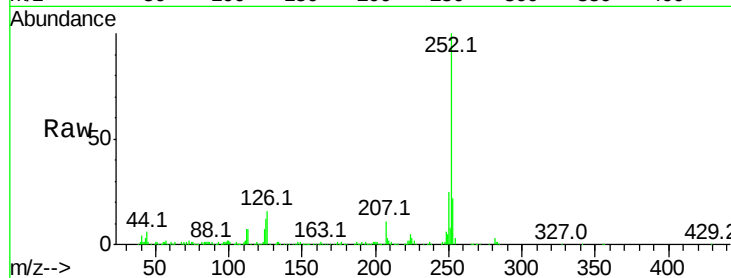
Tot Ion:252 Resp: 339333

Ion Ratio Lower Upper

252 100

253 22.3 18.0 27.0

125 11.7 8.0 12.0



#24

Benzo(k)fluoranthene

Concen: 10.63 ng/ul

RT: 23.87 min Scan# 3537

Delta R.T. -0.01 min

Lab File: BG026236.D

Acq: 15 Mar 2017 15:26

Tgt Ion:252 Resp: 341249

Ion Ratio Lower Upper

252 100

253 22.3 18.0 27.0

125 11.7 8.1 12.1

