

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM032416\
 Data File : BM004767.D
 Acq On : 25 Mar 2016 01:38
 Operator : UM/SJ
 Sample : H1909-13
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4T47

Quant Time: Mar 25 03:22:51 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM032216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 25 03:18:48 2016
 Response via : Initial Calibration

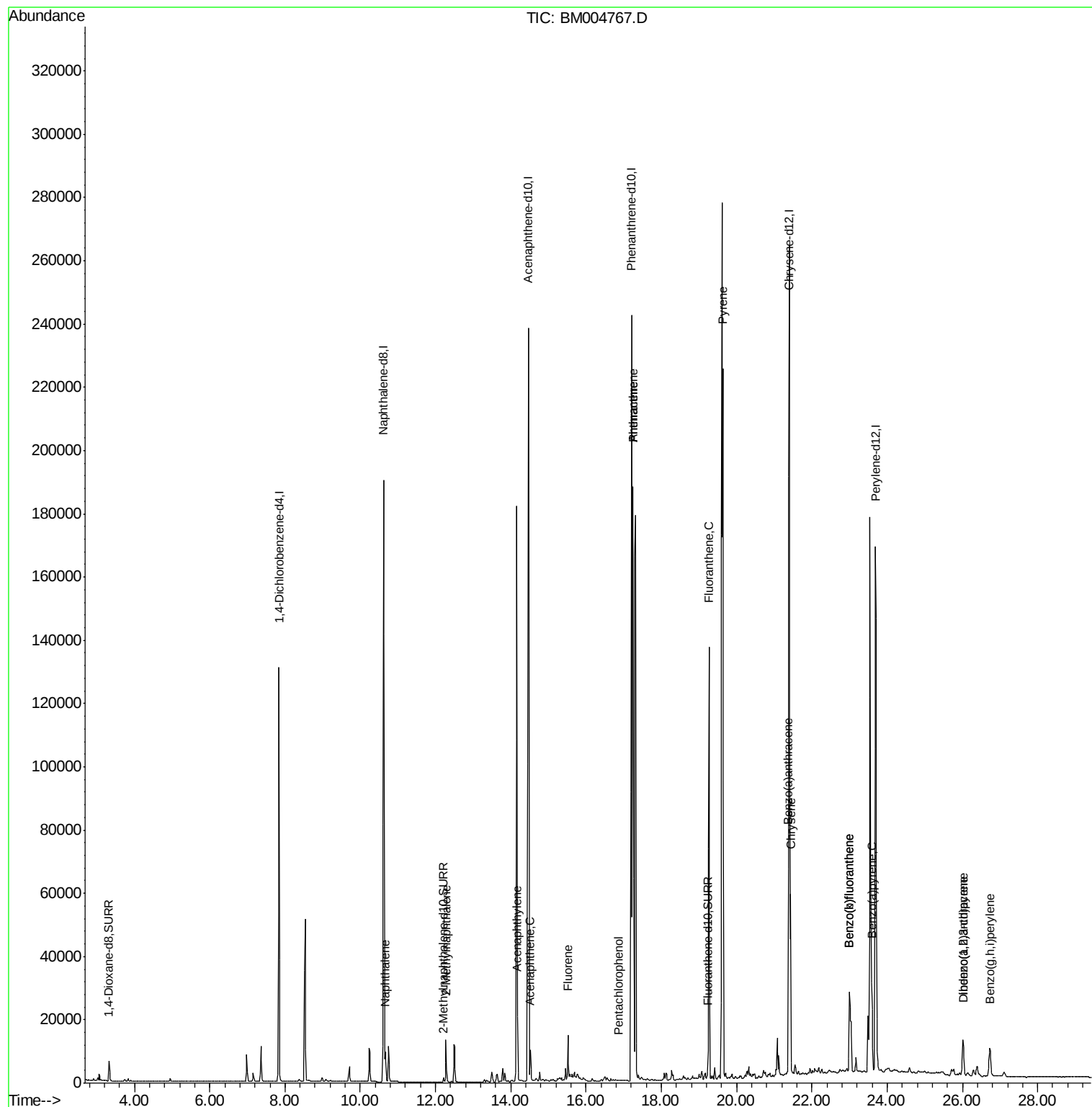
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	66060	5.00	ng/ul	0.00
4) Naphthalene-d8	10.62	136	274218	5.00	ng/ul	0.00
8) Acenaphthene-d10	14.47	164	141502	5.00	ng/ul	0.00
12) Phenanthrene-d10	17.21	188	305374	5.00	ng/ul	0.00
18) Chrysene-d12	21.40	240	244610	5.00	ng/ul	0.00
22) Perylene-d12	23.69	264	226956	5.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.32	96	4800	0.15	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.22	152	1795	0.01	ng/ul	0.00
16) Fluoranthene-d10	19.25	212	3808	0.01	ng/ul	0.00
Target Compounds				Qvalue		
5) Naphthalene	10.67	128	12725	0.02	ng/ul	97
7) 2-Methylnaphthalene	12.28	142	9958	0.02	ng/ul	99
9) Acenaphthylene	14.18	152	6530	0.01	ng/ul#	96
10) Acenaphthene	14.52	153	6118	0.01	ng/ul	84
11) Fluorene	15.51	166	12637	0.03	ng/ul#	83
13) Pentachlorophenol	16.87	266	70	0.00	ng/ul	92
14) Phenanthrene	17.24	178	207613	0.25	ng/ul#	92
15) Anthracene	17.24	178	207552	0.30	ng/ul	95
17) Fluoranthene	19.27	202	124026	0.14	ng/ul	97
19) Pyrene	19.63	202	195704	0.23	ng/ul	98
20) Benzo(a)anthracene	21.38	228	30061	0.05	ng/ul#	89
21) Chrysene	21.43	228	52866	0.07	ng/ul	96
23) Benzo(b)fluoranthene	23.00	252	64218	0.08	ng/ul	91
24) Benzo(k)fluoranthene	23.00	252	64218	0.08	ng/ul#	91
25) Benzo(a)pyrene	23.59	252	35587	0.05	ng/ul#	93
26) Indeno(1,2,3-cd)pyrene	26.02	276	18537	0.02	ng/ul#	89
27) Dibenzo(a,h)anthracene	26.03	278	4417	0.01	ng/ul#	38
28) Benzo(g,h,i)perylene	26.73	276	17916	0.03	ng/ul#	87

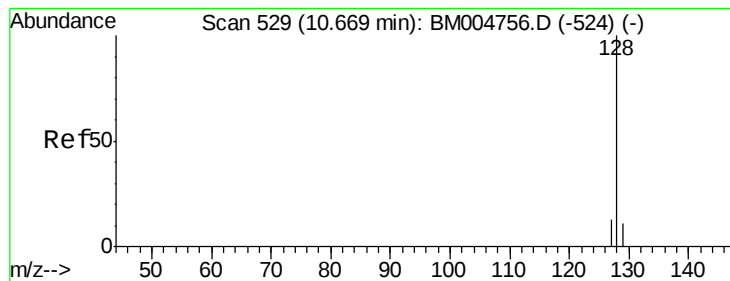
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM032416\
Data File : BM004767.D
Acq On : 25 Mar 2016 01:38
Operator : UM/SJ
Sample : H1909-13
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4T47

Quant Time: Mar 25 03:22:51 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM032216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 25 03:18:48 2016
Response via : Initial Calibration





#5

Naphthalene

Concen: 0.02 ng/ul

RT: 10.67 min Scan# 529

Delta R.T. 0.00 min

Lab File: BM004767.D

Acq: 25 Mar 2016 01:38

Instrument :

BNA_M

ClientSampleId :

A4T47

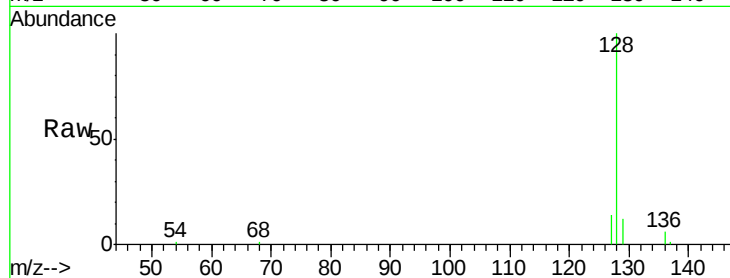
Tgt Ion:128 Resp: 12725

Ion Ratio Lower Upper

128 100

129 11.5 9.0 13.6

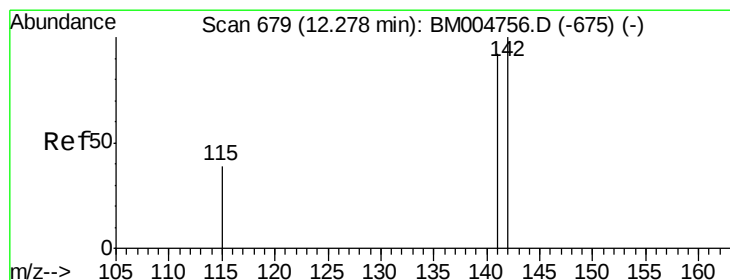
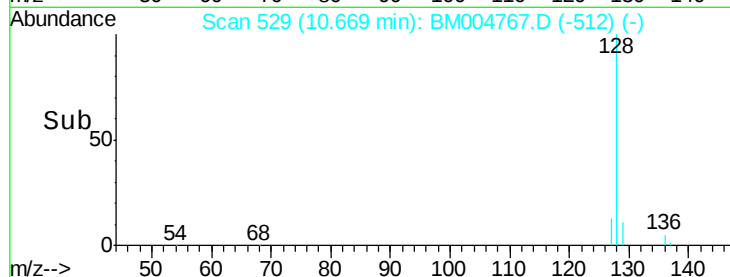
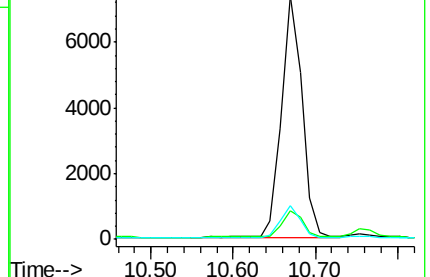
127 13.8 9.6 14.4



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



#7

2-Methylnaphthalene

Concen: 0.02 ng/ul

RT: 12.28 min Scan# 679

Delta R.T. 0.00 min

Lab File: BM004767.D

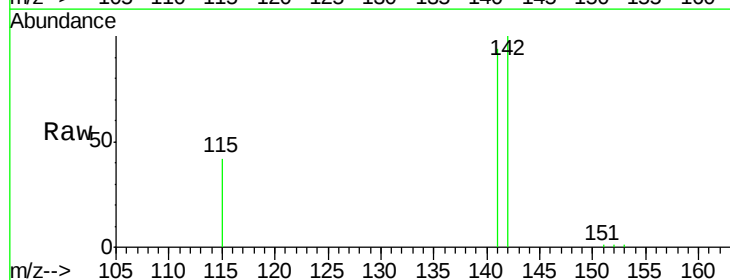
Acq: 25 Mar 2016 01:38

Tgt Ion:142 Resp: 9958

Ion Ratio Lower Upper

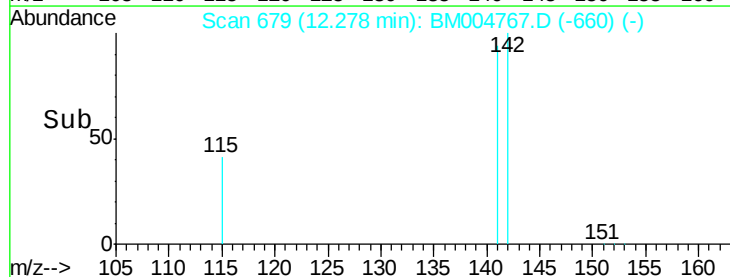
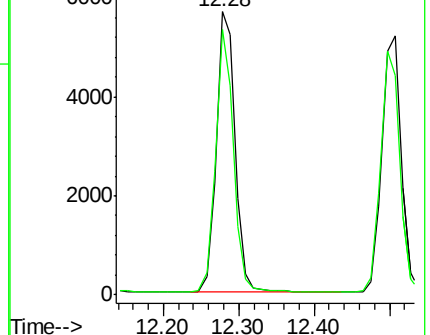
142 100

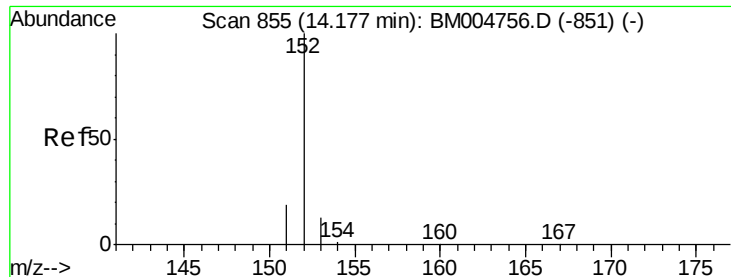
141 88.4 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#9

Acenaphthylene

Concen: 0.01 ng/ul

RT: 14.18 min Scan# 855

Delta R.T. 0.00 min

Lab File: BM004767.D

Acq: 25 Mar 2016 01:38

Instrument :

BNA_M

ClientSampleId :

A4T47

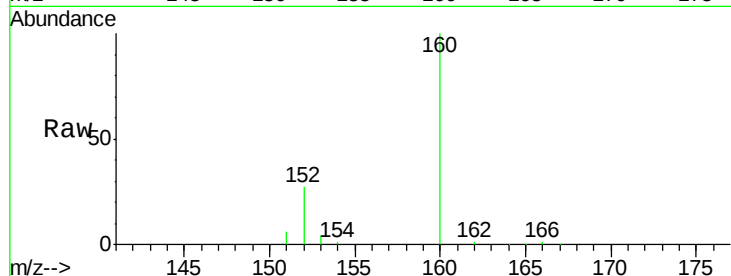
Tgt Ion:152 Resp: 6530

Ion Ratio Lower Upper

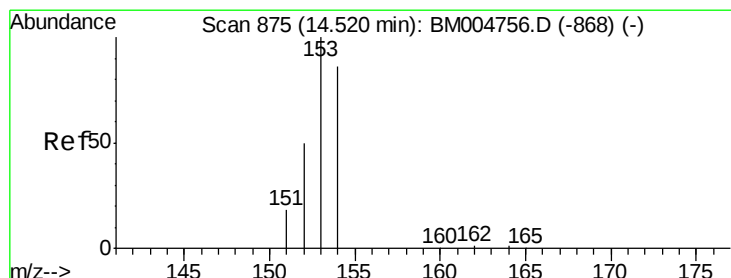
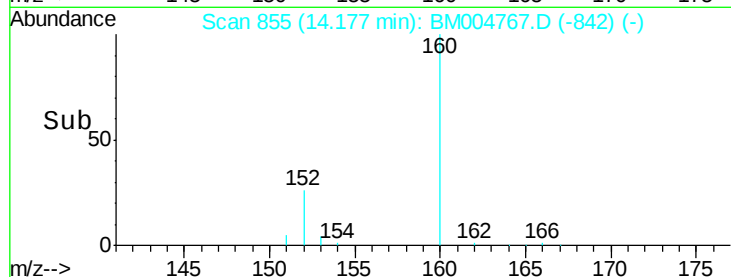
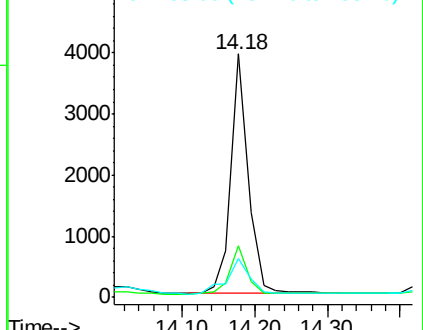
152 100

151 21.3 17.6 26.4

153 15.7 9.7 14.5#



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



#10

Acenaphthene

Concen: 0.01 ng/ul

RT: 14.52 min Scan# 875

Delta R.T. 0.00 min

Lab File: BM004767.D

Acq: 25 Mar 2016 01:38

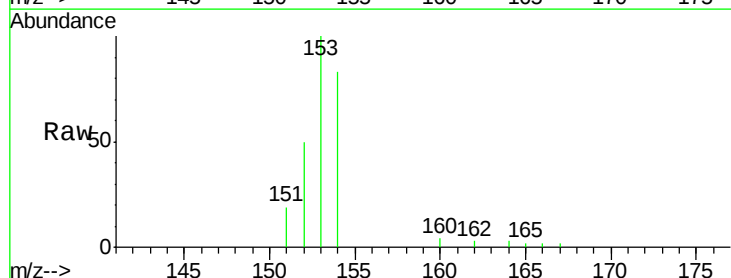
Tgt Ion:153 Resp: 6118

Ion Ratio Lower Upper

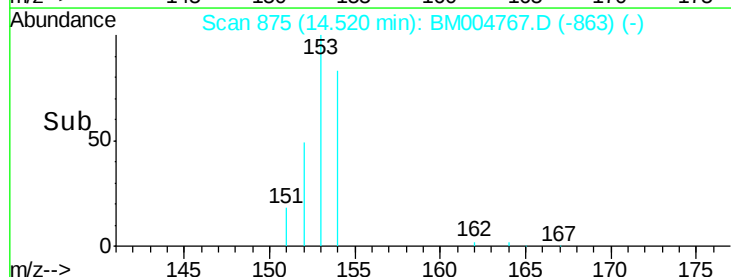
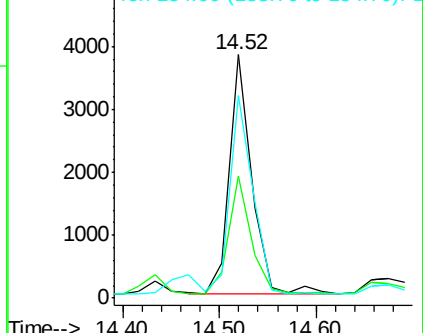
153 100

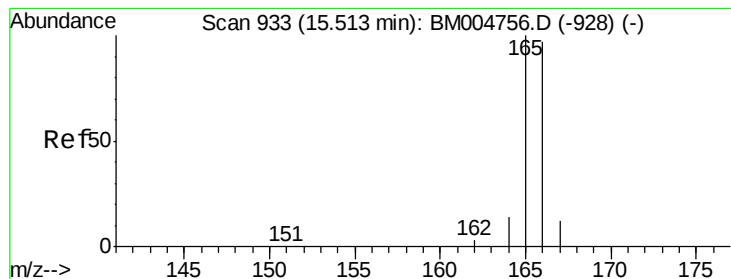
152 49.9 33.9 50.9

154 83.0 80.6 121.0



Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E





#11

Fluorene

Concen: 0.03 ng/ul

RT: 15.51 min Scan# 933

Delta R.T. 0.00 min

Lab File: BM004767.D

Acq: 25 Mar 2016 01:38

Instrument :

BNA_M

ClientSampleId :

A4T47

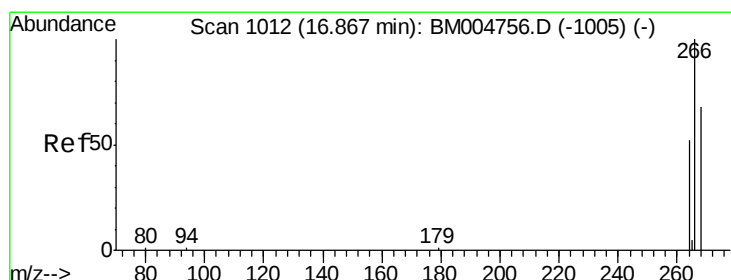
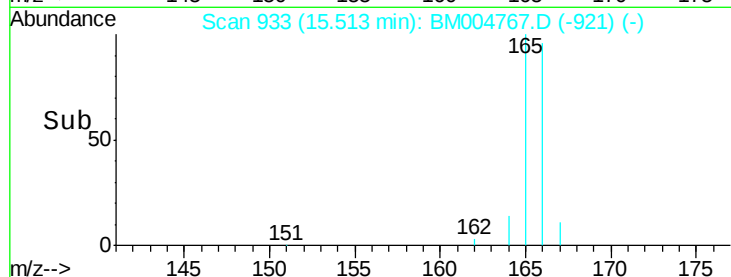
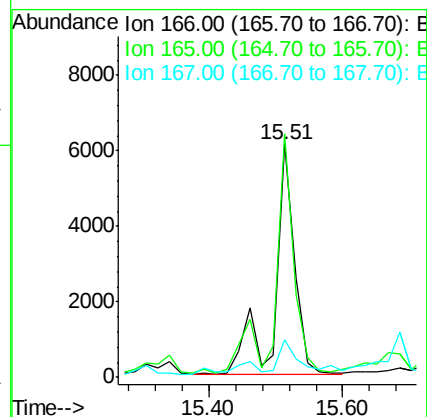
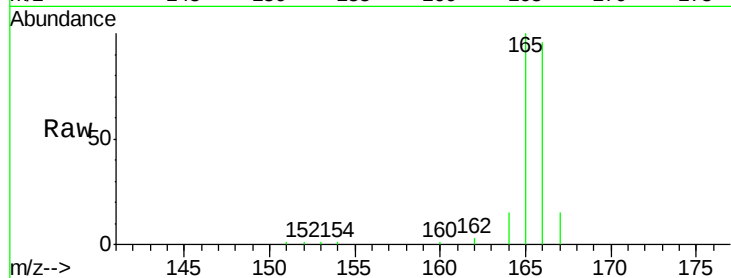
Tgt Ion:166 Resp: 12637

Ion Ratio Lower Upper

166 100

165 104.5 69.6 104.4#

167 16.1 11.9 17.9



#13

Pentachlorophenol

Concen: 0.00 ng/ul

RT: 16.87 min Scan# 1012

Delta R.T. 0.00 min

Lab File: BM004767.D

Acq: 25 Mar 2016 01:38

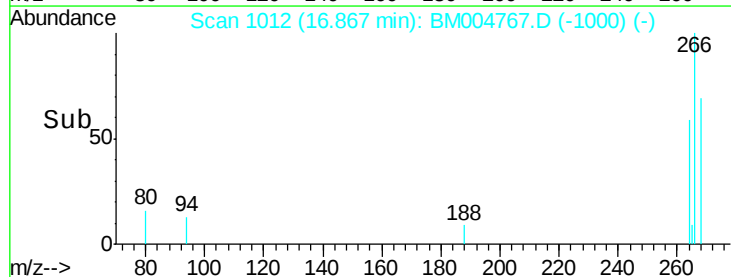
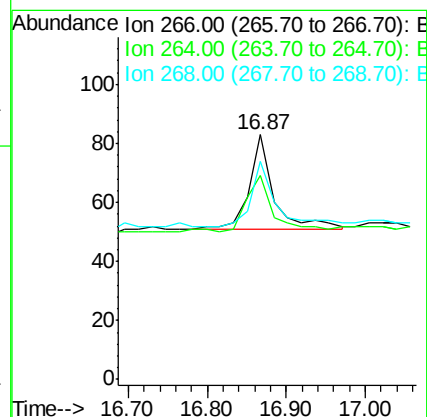
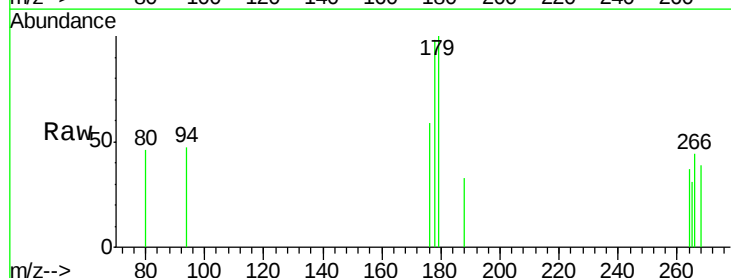
Tgt Ion:266 Resp: 70

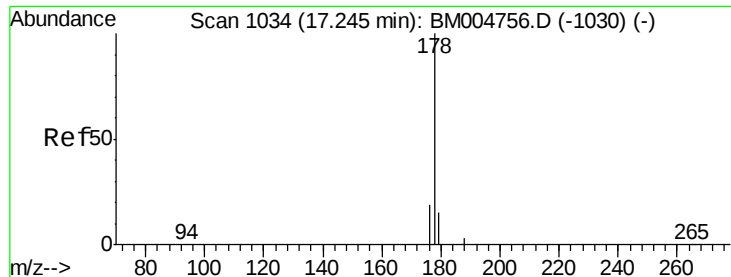
Ion Ratio Lower Upper

266 100

264 68.6 51.8 77.8

268 67.1 46.8 70.2





#14

Phenanthrene

Concen: 0.25 ng/ul

RT: 17.24 min Scan# 1034

Delta R.T. 0.00 min

Lab File: BM004767.D

Acq: 25 Mar 2016 01:38

Instrument :

BNA_M

ClientSampleId :

A4T47

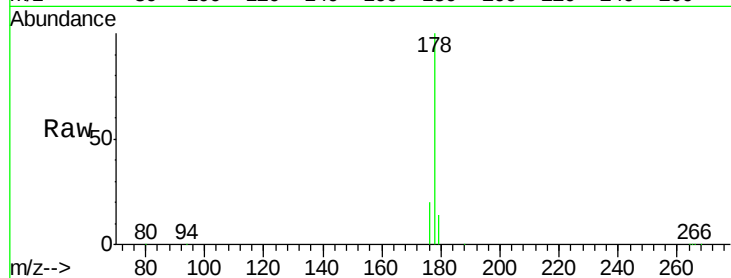
Tgt Ion:178 Resp: 207613

Ion Ratio Lower Upper

178 100

176 20.3 13.0 19.4#

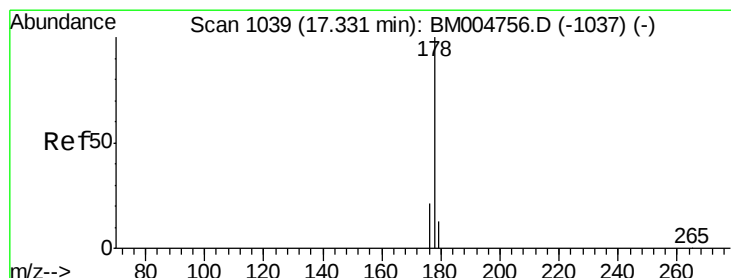
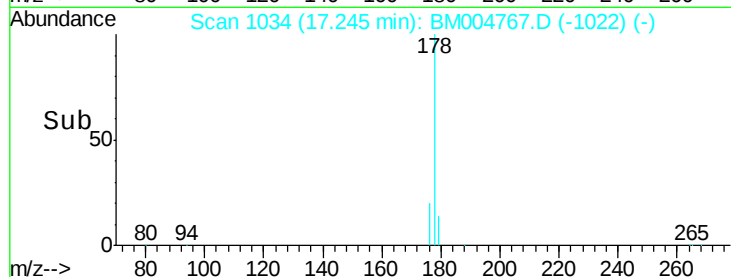
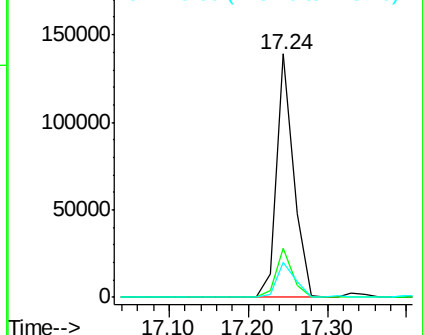
179 14.5 14.2 21.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#15

Anthracene

Concen: 0.30 ng/ul

RT: 17.24 min Scan# 1034

Delta R.T. -0.09 min

Lab File: BM004767.D

Acq: 25 Mar 2016 01:38

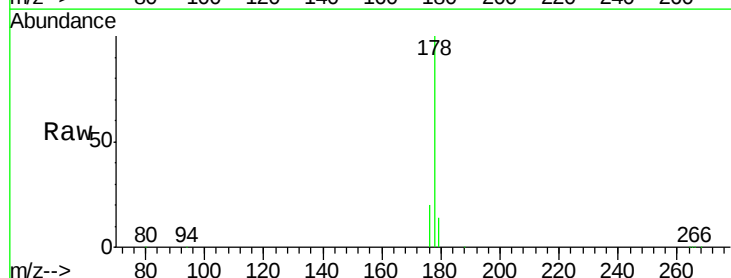
Tgt Ion:178 Resp: 207552

Ion Ratio Lower Upper

178 100

176 20.3 14.0 21.0

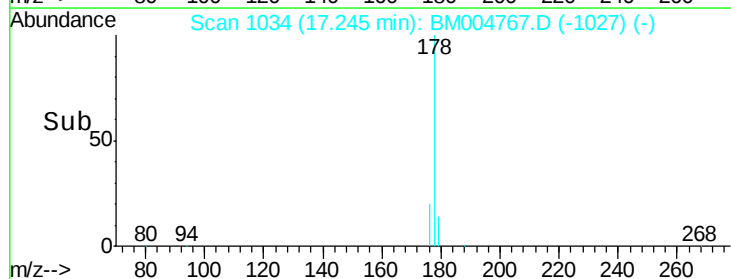
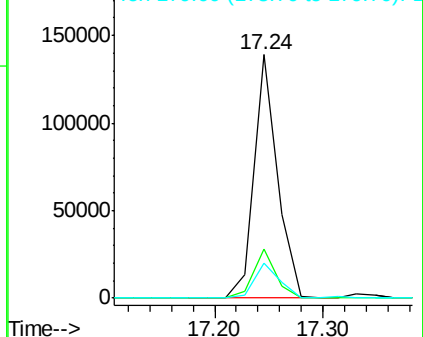
179 14.5 12.9 19.3

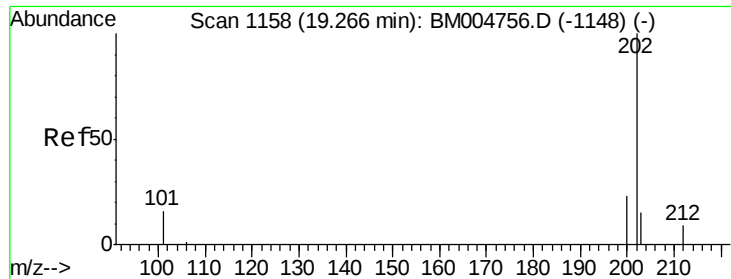


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#17

Fluoranthene

Concen: 0.14 ng/ul

RT: 19.27 min Scan# 1158

Delta R.T. 0.01 min

Lab File: BM004767.D

Acq: 25 Mar 2016 01:38

Instrument :

BNA_M

ClientSampleId :

A4T47

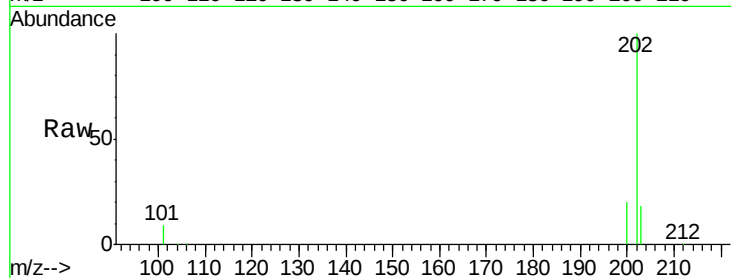
Tgt Ion:202 Resp: 124026

Ion Ratio Lower Upper

202 100

101 8.7 0.0 29.6

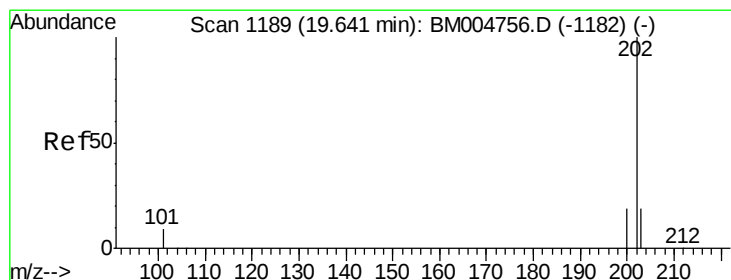
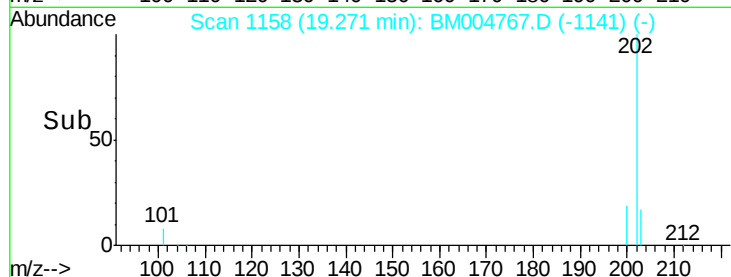
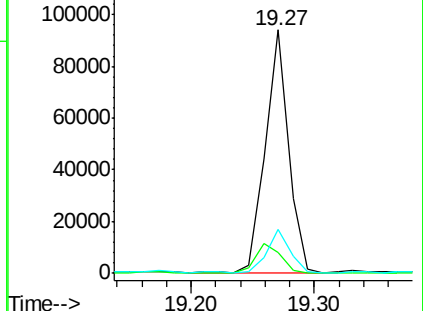
203 17.8 0.0 36.3



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#19

Pyrene

Concen: 0.23 ng/ul

RT: 19.63 min Scan# 1188

Delta R.T. -0.01 min

Lab File: BM004767.D

Acq: 25 Mar 2016 01:38

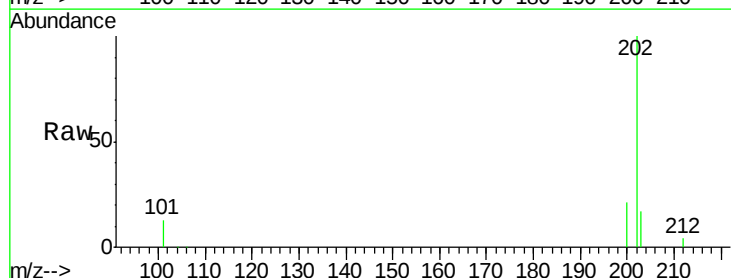
Tgt Ion:202 Resp: 195704

Ion Ratio Lower Upper

202 100

200 21.3 17.8 26.8

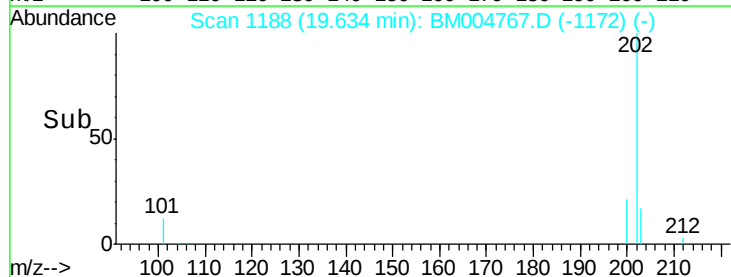
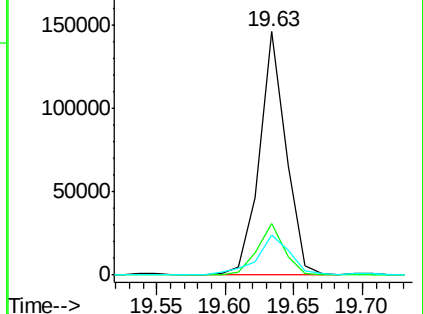
203 16.7 12.8 19.2

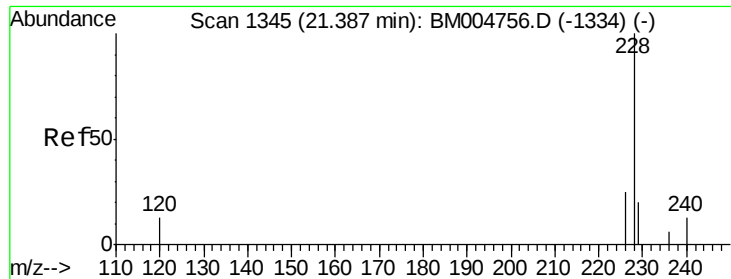


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#20

Benzo(a)anthracene

Concen: 0.05 ng/ul

RT: 21.38 min Scan# 1344

Delta R.T. -0.01 min

Lab File: BM004767.D

Acq: 25 Mar 2016 01:38

Instrument :

BNA_M

ClientSampleId :

A4T47

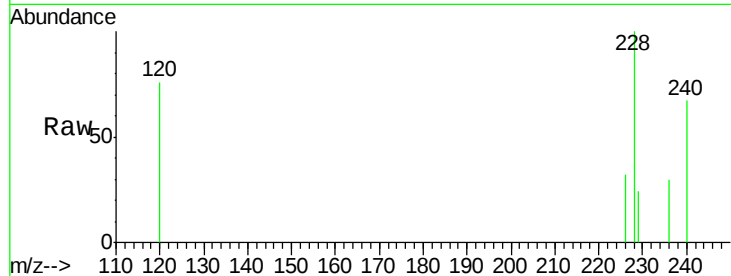
Tgt Ion:228 Resp: 30061

Ion Ratio Lower Upper

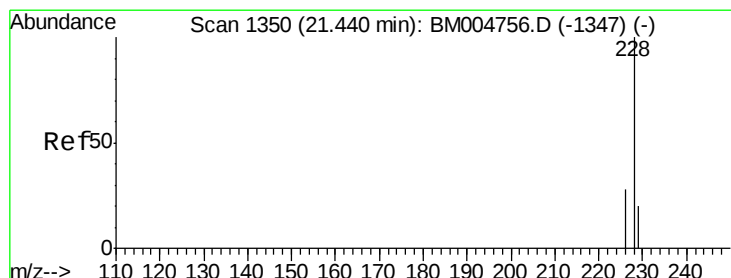
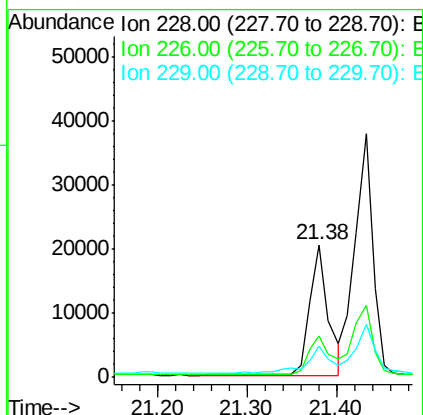
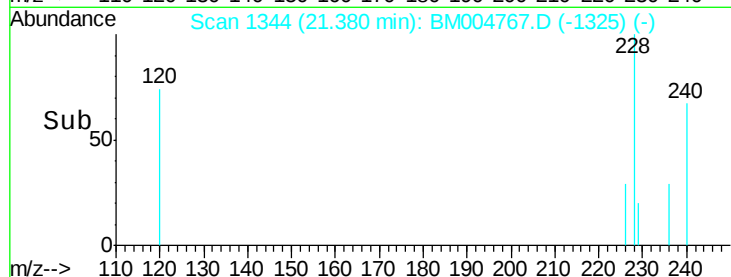
228 100

226 31.5 18.8 28.2#

229 23.6 17.1 25.7



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



#21

Chrysene

Concen: 0.07 ng/ul

RT: 21.43 min Scan# 1349

Delta R.T. -0.01 min

Lab File: BM004767.D

Acq: 25 Mar 2016 01:38

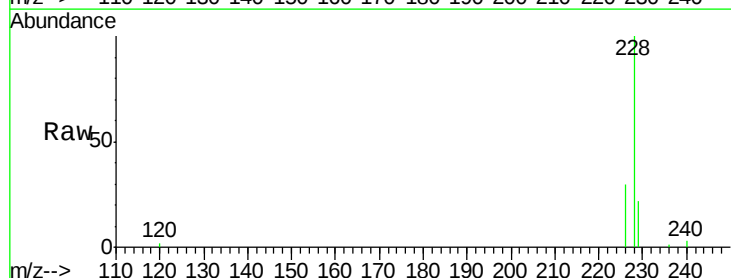
Tgt Ion:228 Resp: 52866

Ion Ratio Lower Upper

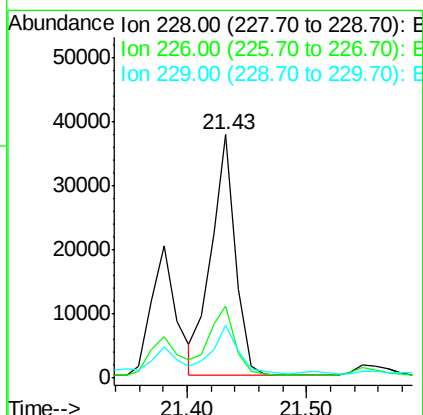
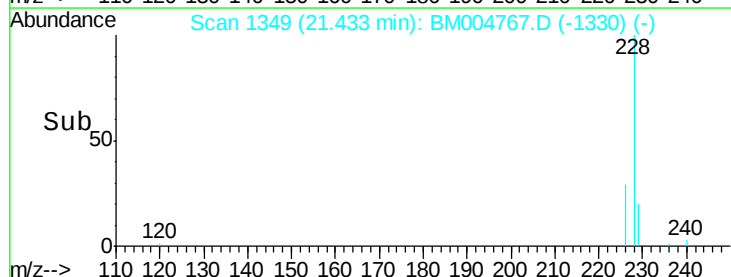
228 100

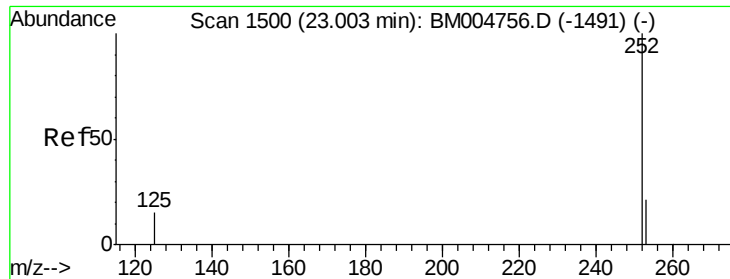
226 29.6 21.2 31.8

229 21.7 17.0 25.6



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: 0.08 ng/u1

RT: 23.00 min Scan# 1499

Delta R.T. -0.01 min

Lab File: BM004767.D

Acq: 25 Mar 2016 01:38

Instrument :

BNA_M

ClientSampleId :

A4T47

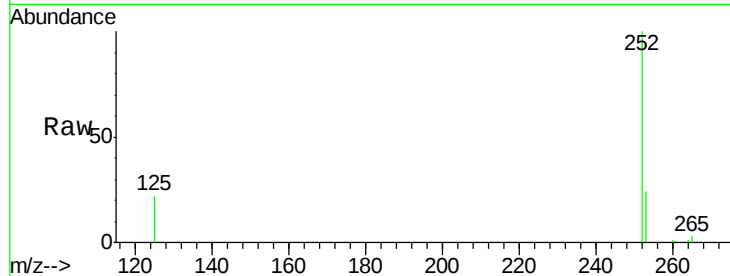
Tgt Ion:252 Resp: 64218

Ion Ratio Lower Upper

252 100

253 23.8 0.0 45.4

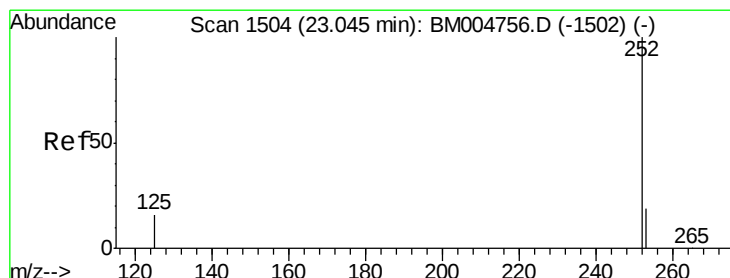
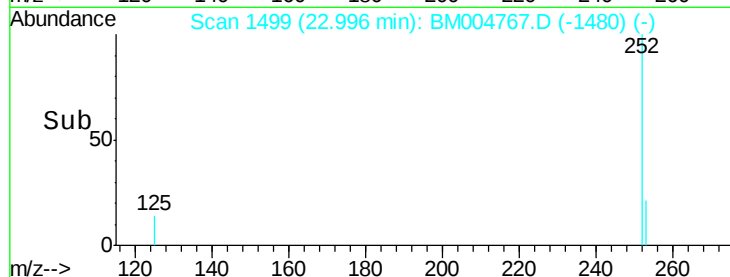
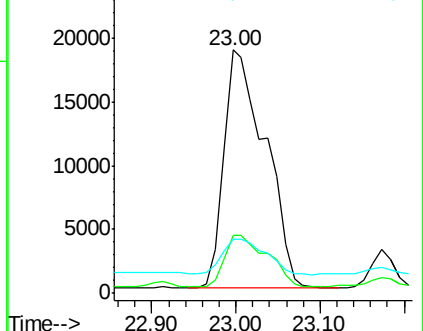
125 22.3 0.0 28.8



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: 0.08 ng/u1

RT: 23.00 min Scan# 1499

Delta R.T. -0.05 min

Lab File: BM004767.D

Acq: 25 Mar 2016 01:38

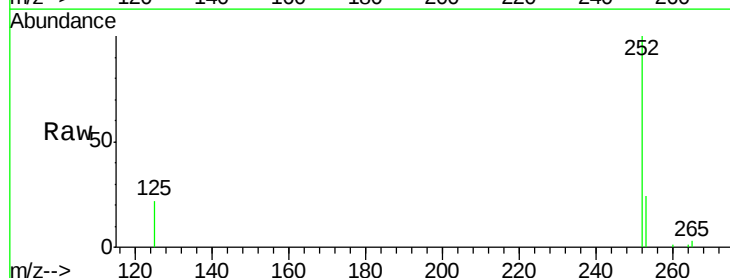
Tgt Ion:252 Resp: 64218

Ion Ratio Lower Upper

252 100

253 23.8 19.8 29.8

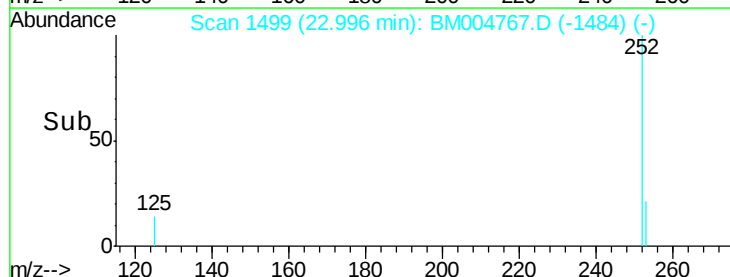
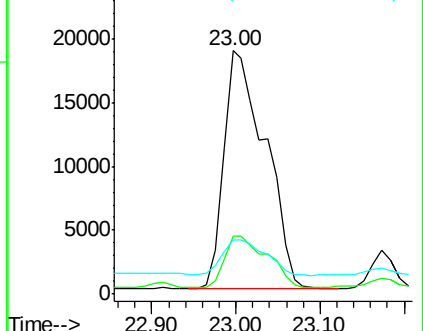
125 22.3 10.4 15.6#

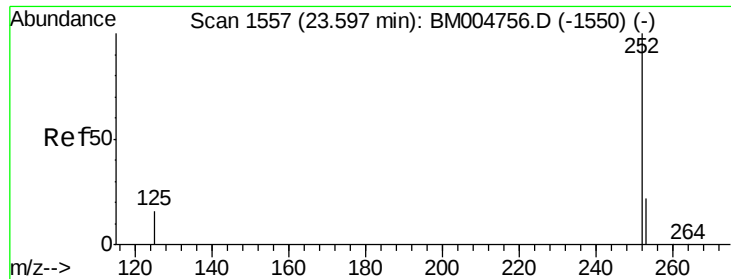


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#25

Benzo(a)pyrene

Concen: 0.05 ng/ul

RT: 23.59 min Scan# 1556

Delta R.T. -0.01 min

Lab File: BM004767.D

Acq: 25 Mar 2016 01:38

Instrument :

BNA_M

ClientSampleId :

A4T47

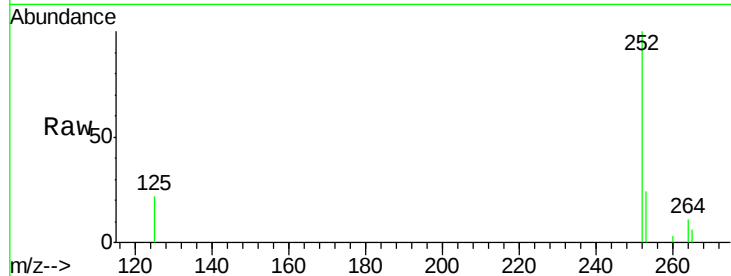
Tgt Ion:252 Resp: 35587

Ion Ratio Lower Upper

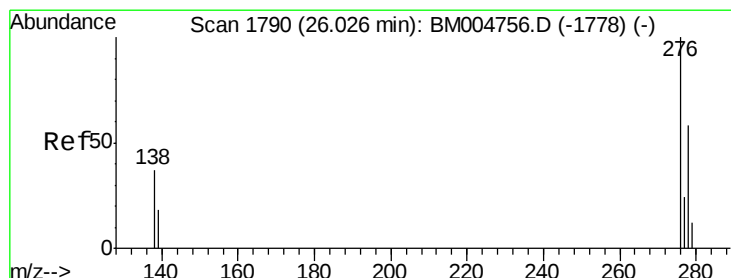
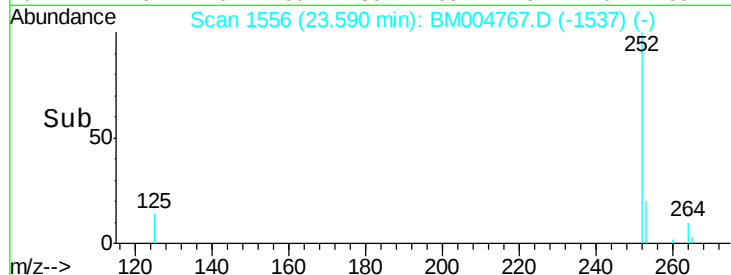
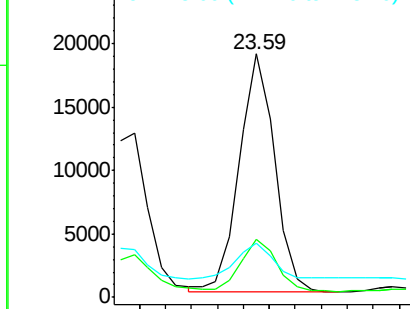
252 100

253 23.6 19.4 29.2

125 22.0 12.7 19.1#



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

Indeno(1,2,3-cd)pyrene

Concen: 0.02 ng/ul

RT: 26.02 min Scan# 1789

Delta R.T. -0.01 min

Lab File: BM004767.D

Acq: 25 Mar 2016 01:38

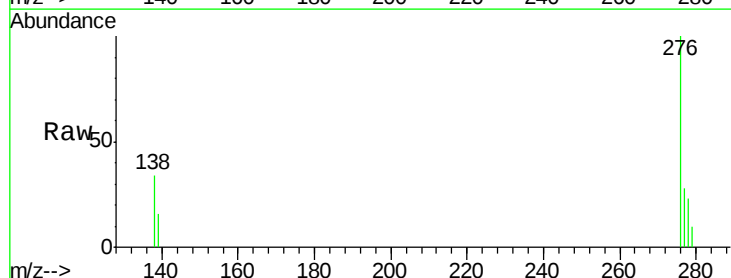
Tgt Ion:276 Resp: 18537

Ion Ratio Lower Upper

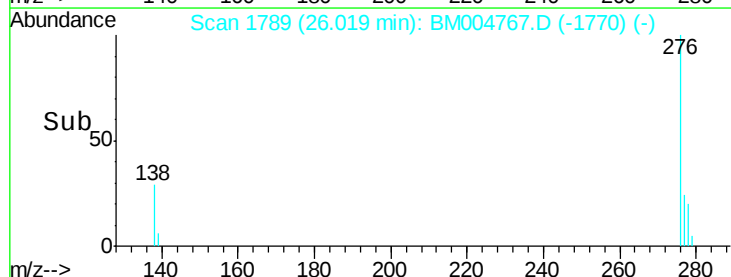
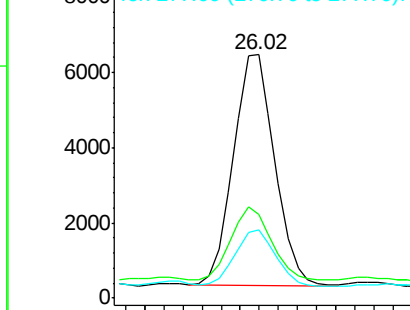
276 100

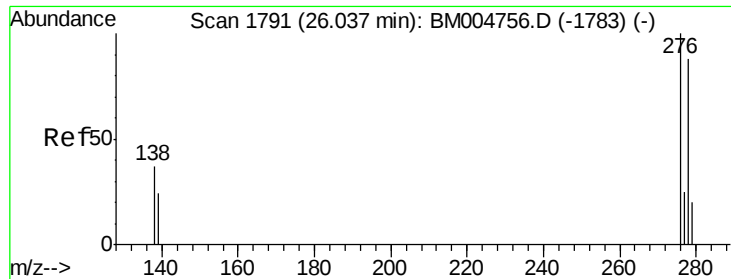
138 30.9 16.3 24.5#

277 24.3 19.8 29.8



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

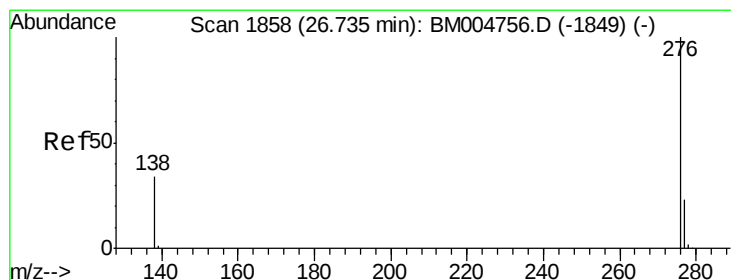
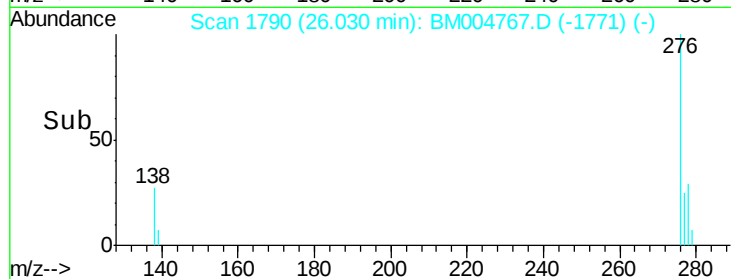
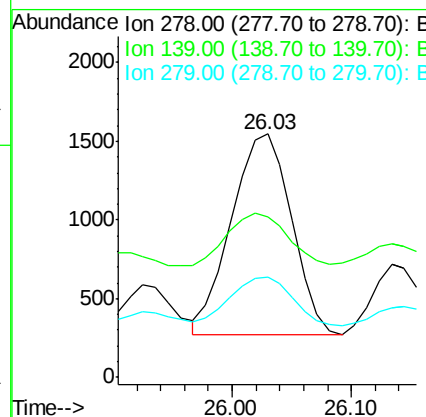
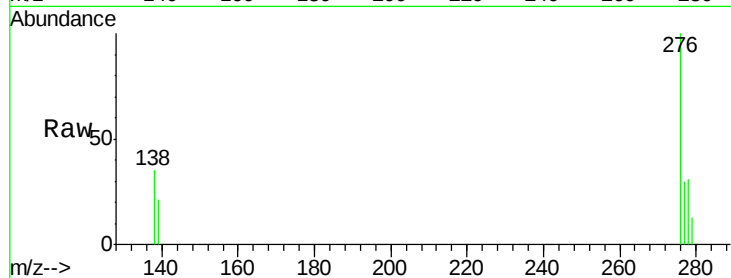




#27
Dibenzo(a,h)anthracene
Concen: 0.01 ng/ul
RT: 26.03 min Scan# 1790
Delta R.T. -0.01 min
Lab File: BM004767.D
Acq: 25 Mar 2016 01:38

Instrument :
BNA_M
ClientSampleId :
A4T47

Tgt Ion: 278 Resp: 4417
Ion Ratio Lower Upper
278 100
139 66.1 16.4 24.6#
279 41.2 20.2 30.2#



#28
Benzo(g,h,i)perylene
Concen: 0.03 ng/ul
RT: 26.73 min Scan# 1857
Delta R.T. -0.01 min
Lab File: BM004767.D
Acq: 25 Mar 2016 01:38

Tgt Ion: 276 Resp: 17916
Ion Ratio Lower Upper
276 100
277 27.3 18.9 28.3
138 37.4 22.5 33.7#

