

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM112115\
 Data File : BM003269.D
 Acq On : 22 Nov 2015 03:40
 Operator : UM/IZ
 Sample : G4345-13
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4J55

Quant Time: Nov 22 04:49:23 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM111815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Nov 22 04:42:03 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	15608	0.40	ng/ul	0.00
4) Naphthalene-d8	10.53	136	62139	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.38	164	32651	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.23	188	3892726	0.40	ng/ul	0.10
18) Chrysene-d12	21.32	240	58456	0.40	ng/ul	0.00
22) Perylene-d12	23.44	264	4087652	0.40	ng/ul	-0.15

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
2) 1,4-Dioxane-d8	3.20	96	76504	4.59	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.12	152	24920	0.30	ng/ul	0.00
16) Fluoranthene-d10	19.17	212	48822	0.01	ng/ul	0.00

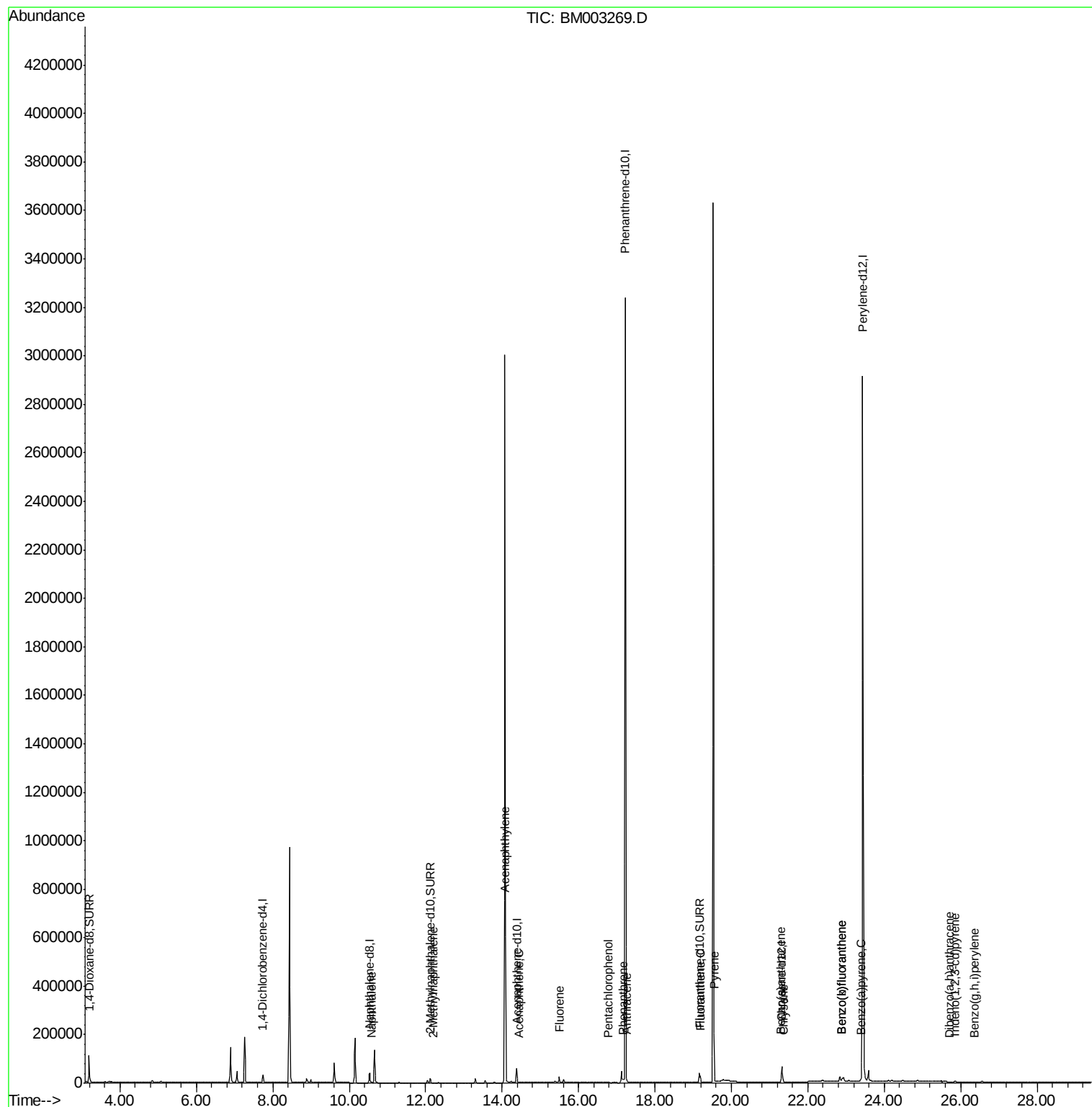
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Naphthalene	10.57	128	4536	0.03	ng/ul#	87
7) 2-Methylnaphthalene	12.19	142	631	0.01	ng/ul#	100
9) Acenaphthylene	14.09	152	2440	0.02	ng/ul#	66
10) Acenaphthene	14.43	153	972	0.01	ng/ul#	74
11) Fluorene	15.49	166	448	0.00	ng/ul#	1
13) Pentachlorophenol	16.78	266	1104	0.00	ng/ul	98
14) Phenanthrene	17.17	178	21430	0.00	ng/ul	96
15) Anthracene	17.26	178	4887	0.00	ng/ul#	79
17) Fluoranthene	19.19	202	26680	0.00	ng/ul	95
19) Pyrene	19.55	202	30974	0.15	ng/ul#	89
20) Benzo(a)anthracene	21.30	228	12908	0.08	ng/ul#	84
21) Chrysene	21.35	228	11343	0.06	ng/ul#	83
23) Benzo(b)fluoranthene	22.90	252	11940	0.00	ng/ul#	52
24) Benzo(k)fluoranthene	22.90	252	22730	0.00	ng/ul#	55
25) Benzo(a)pyrene	23.39	252	8607	0.00	ng/ul#	40
26) Indeno(1,2,3-cd)pyrene	25.86	276	6499	0.00	ng/ul	94
27) Dibenzo(a,h)anthracene	25.71	278	64	0.00	ng/ul#	1
28) Benzo(g,h,i)perylene	26.36	276	280	0.00	ng/ul#	1

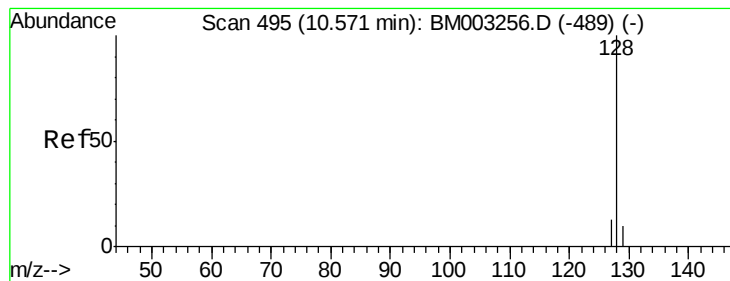
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Nov 22 04:42:03 2015
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#5

Naphthalene

Concen: 0.03 ng/ul

RT: 10.57 min Scan# 495

Delta R.T. -0.00 min

Lab File: BM003269.D

Acq: 22 Nov 2015 03:40

Instrument :

BNA_M

ClientSampleId :

A4J55

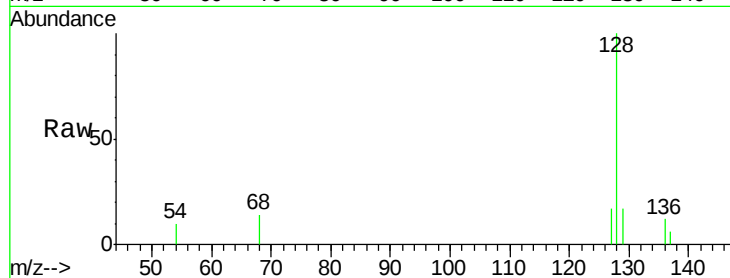
Tgt Ion:128 Resp: 4536

Ion Ratio Lower Upper

128 100

129 16.8 9.0 13.6#

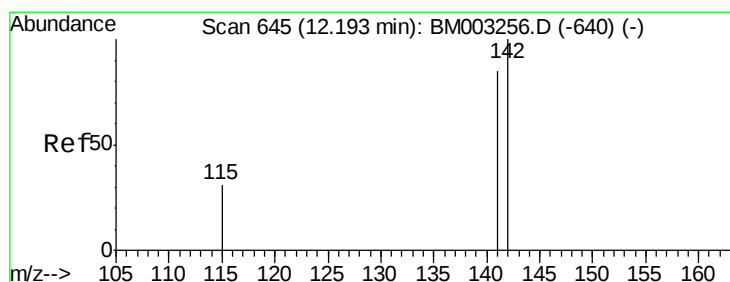
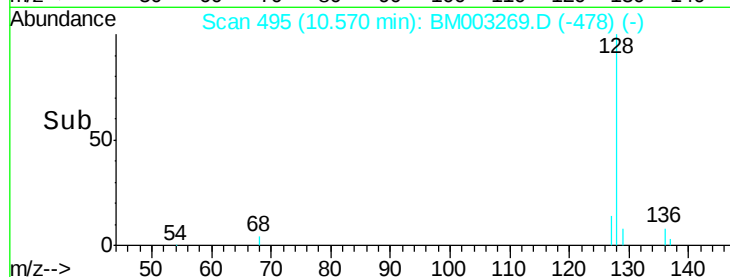
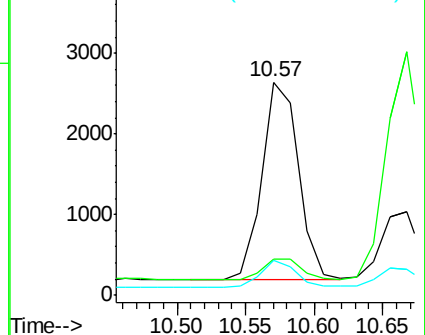
127 16.5 9.6 14.4#



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: 0.01 ng/ul

RT: 12.19 min Scan# 645

Delta R.T. -0.00 min

Lab File: BM003269.D

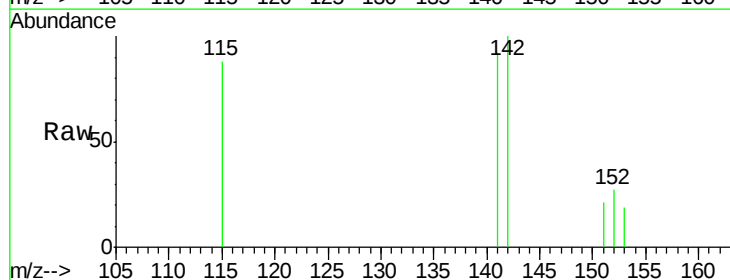
Acq: 22 Nov 2015 03:40

Tgt Ion:142 Resp: 631

Ion Ratio Lower Upper

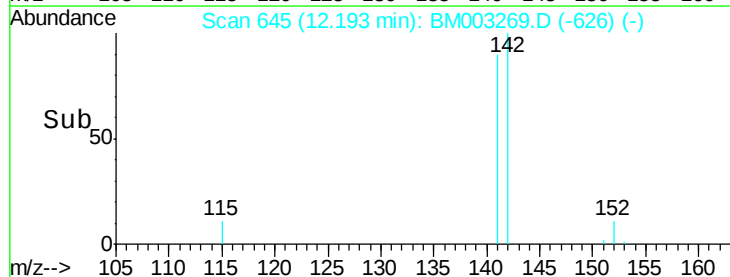
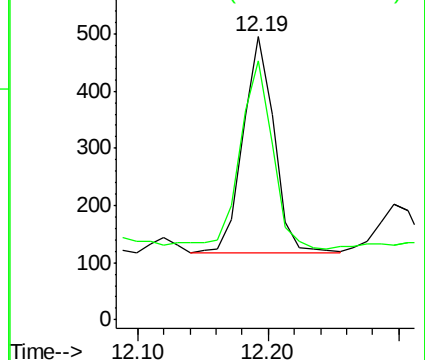
142 100

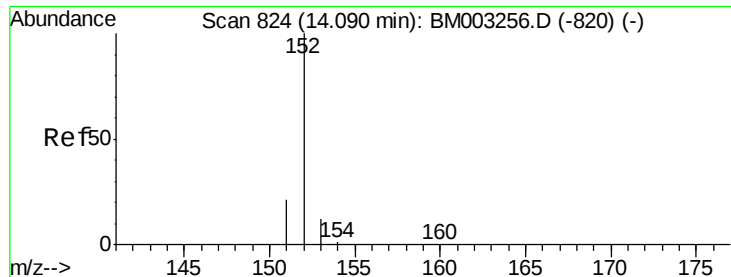
141 91.4 0.0 0.0#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#9

Acenaphthylene

Concen: 0.02 ng/ul

RT: 14.09 min Scan# 824

Delta R.T. -0.00 min

Lab File: BM003269.D

Acq: 22 Nov 2015 03:40

Instrument :

BNA_M

ClientSampleId :

A4J55

Tgt Ion:152 Resp: 2440

Ion Ratio Lower Upper

152 100

151 34.3 17.6 26.4#

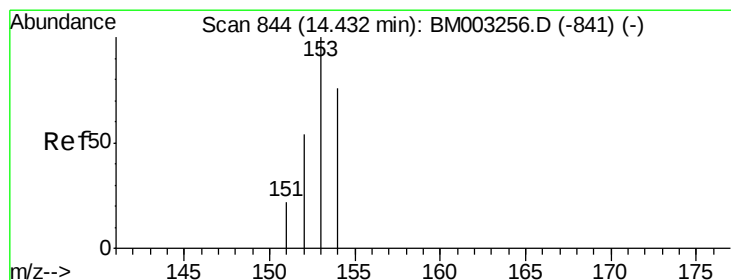
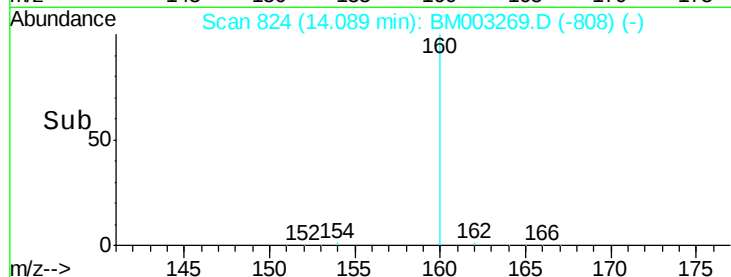
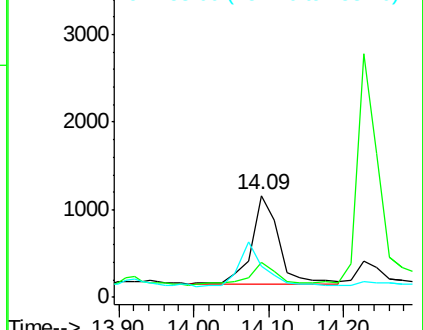
153 30.7 9.7 14.5#



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: 14.43 min Scan# 844

Delta R.T. -0.00 min

Lab File: BM003269.D

Acq: 22 Nov 2015 03:40

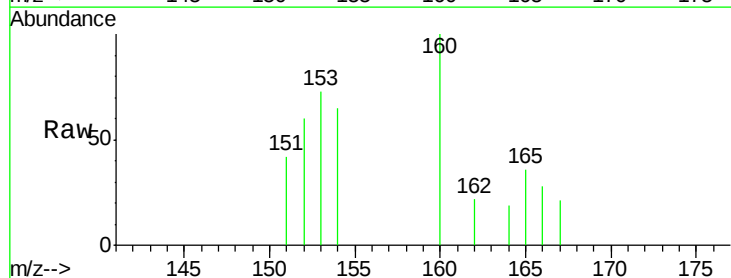
Tgt Ion:153 Resp: 972

Ion Ratio Lower Upper

153 100

152 82.2 33.9 50.9#

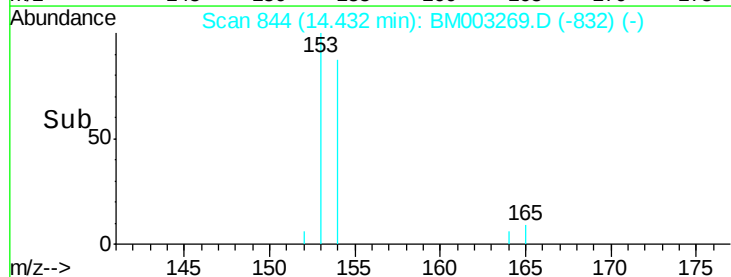
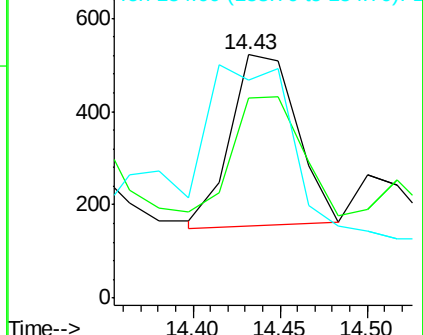
154 89.5 80.6 121.0

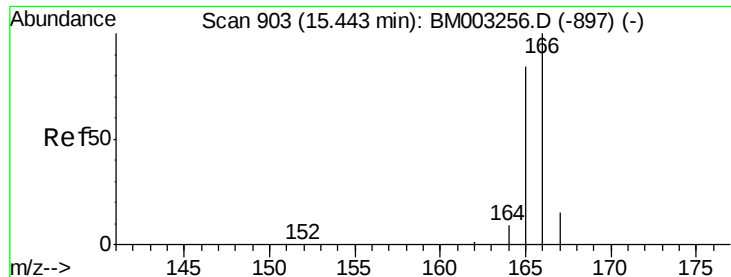


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#11

Fluorene

Concen: 0.00 ng/ul

RT: 15.49 min Scan# 906

Delta R.T. 0.05 min

Lab File: BM003269.D

Acq: 22 Nov 2015 03:40

Instrument :

BNA_M

ClientSampleId :

A4J55

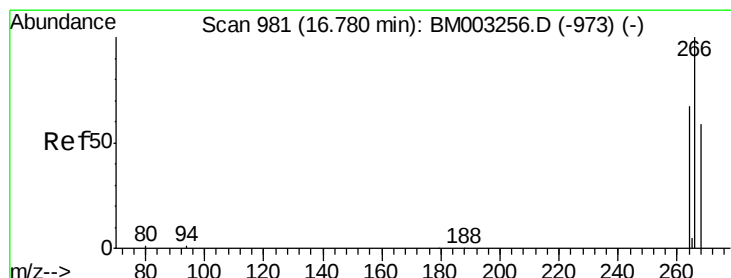
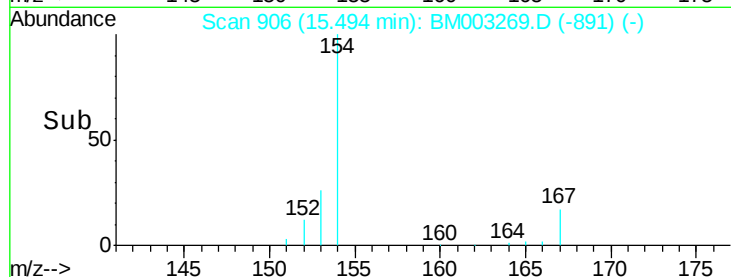
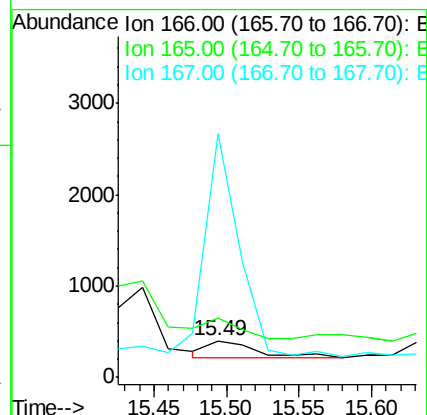
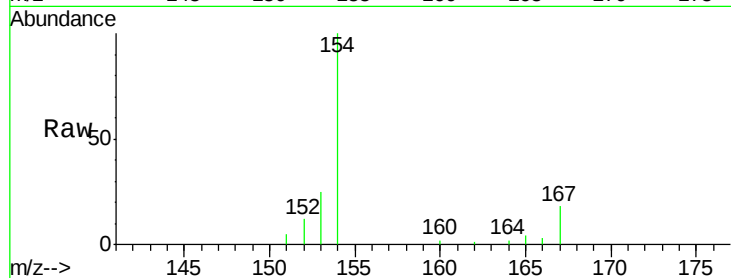
Tgt Ion:166 Resp: 448

Ion Ratio Lower Upper

166 100

165 163.3 69.6 104.4#

167 664.8 11.9 17.9#



#13

Pentachlorophenol

Concen: 0.00 ng/ul

RT: 16.78 min Scan# 981

Delta R.T. -0.00 min

Lab File: BM003269.D

Acq: 22 Nov 2015 03:40

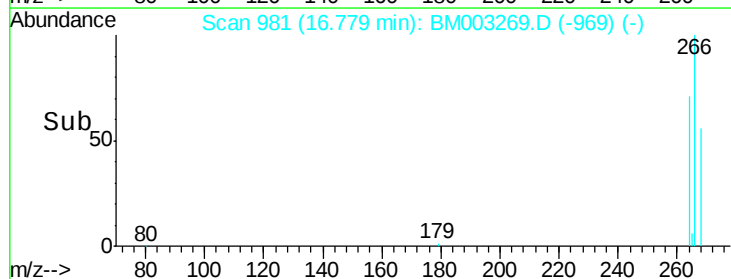
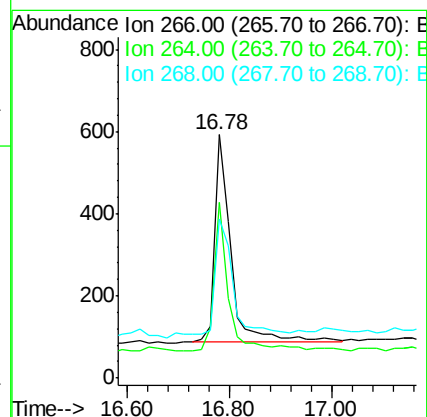
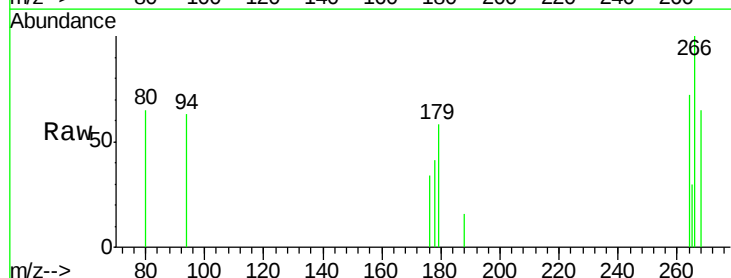
Tgt Ion:266 Resp: 1104

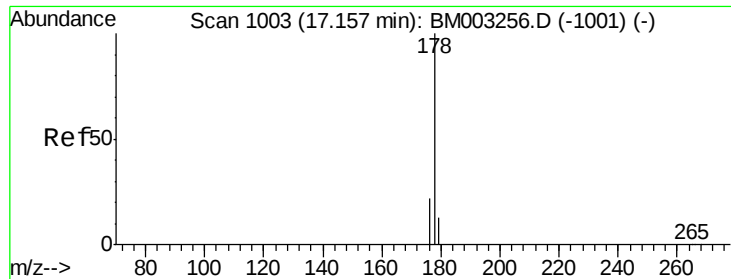
Ion Ratio Lower Upper

266 100

264 63.3 51.8 77.8

268 57.6 46.8 70.2

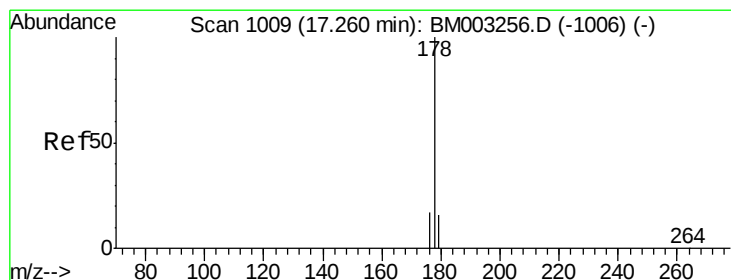
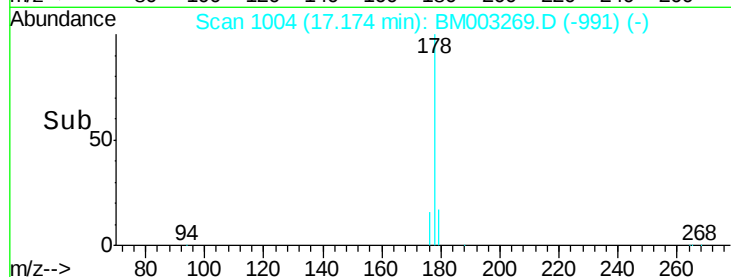
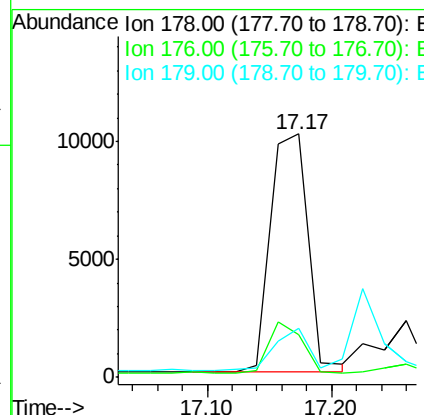
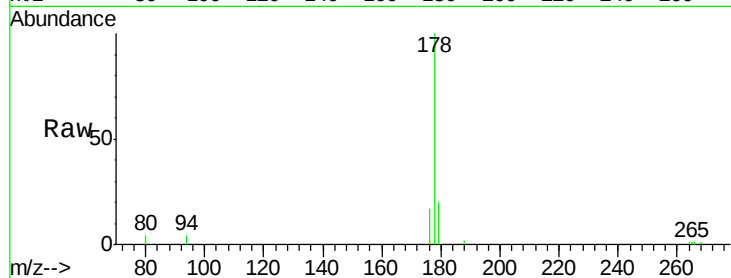




#14
Phenanthrene
Concen: 0.00 ng/ul
RT: 17.17 min Scan# 1004
Delta R.T. 0.02 min
Lab File: BM003269.D
Acq: 22 Nov 2015 03:40

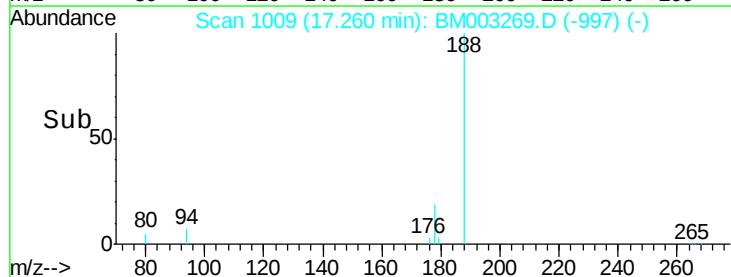
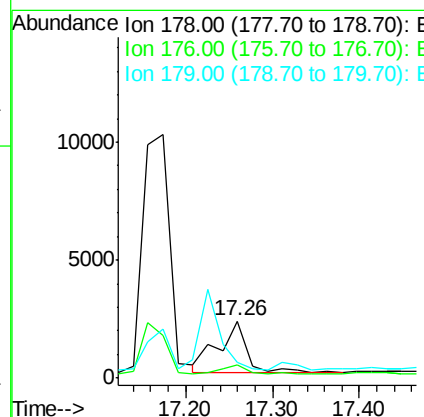
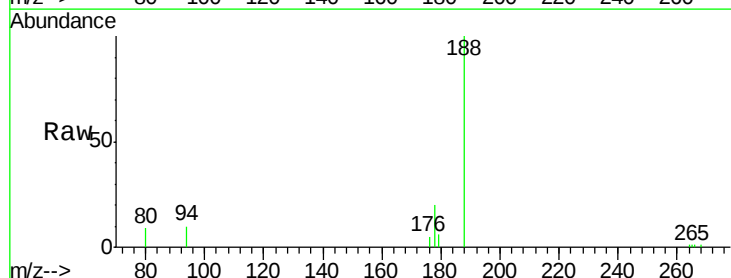
Instrument :
BNA_M
ClientSampleId :
A4J55

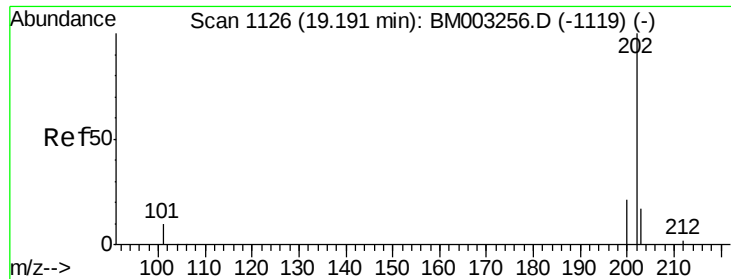
Tgt Ion:178 Resp: 21430
Ion Ratio Lower Upper
178 100
176 17.3 13.0 19.4
179 20.1 14.2 21.2



#15
Anthracene
Concen: 0.00 ng/ul
RT: 17.26 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BM003269.D
Acq: 22 Nov 2015 03:40

Tgt Ion:178 Resp: 4887
Ion Ratio Lower Upper
178 100
176 23.5 14.0 21.0#
179 28.5 12.9 19.3#

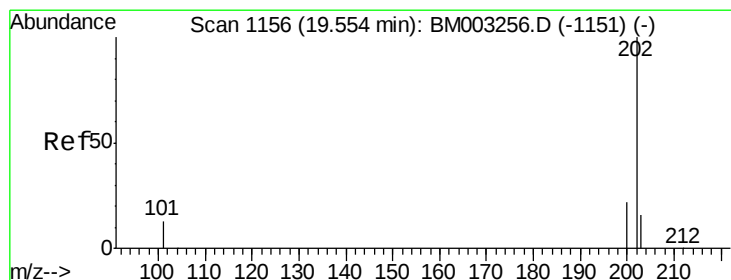
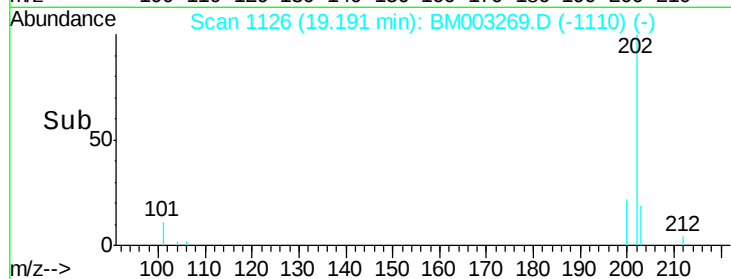
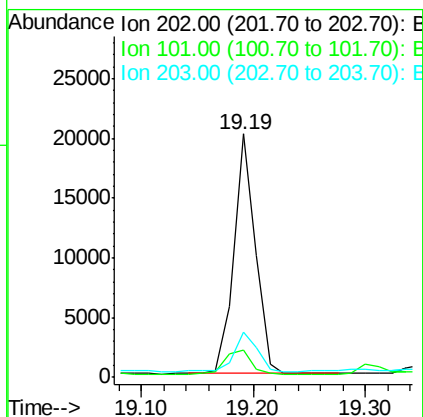
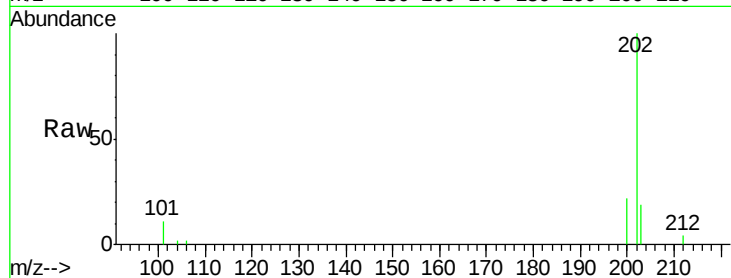




#17
Fluoranthene
 Concen: 0.00 ng/ul
 RT: 19.19 min Scan# 1126
 Delta R.T. -0.00 min
 Lab File: BM003269.D
 Acq: 22 Nov 2015 03:40

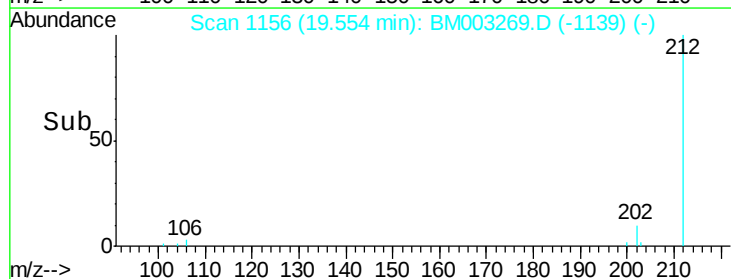
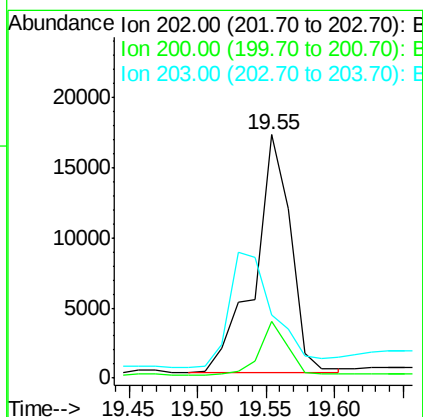
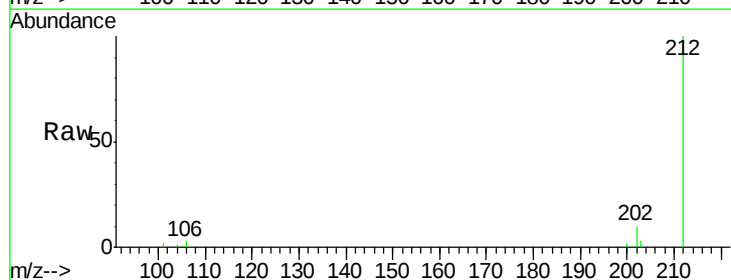
Instrument :
 BNA_M
 ClientSampled :
 A4J55

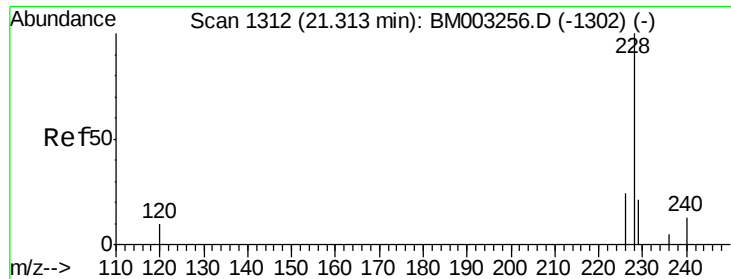
Tgt Ion:202 Resp: 26680
 Ion Ratio Lower Upper
 202 100
 101 11.3 0.0 29.6
 203 18.6 0.0 36.3



#19
Pyrene
 Concen: 0.15 ng/ul
 RT: 19.55 min Scan# 1156
 Delta R.T. -0.00 min
 Lab File: BM003269.D
 Acq: 22 Nov 2015 03:40

Tgt Ion:202 Resp: 30974
 Ion Ratio Lower Upper
 202 100
 200 23.3 17.8 26.8
 203 26.0 12.8 19.2#





#20

Benzo(a)anthracene

Concen: 0.08 ng/ul

RT: 21.30 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BM003269.D

Acq: 22 Nov 2015 03:40

Instrument :

BNA_M

ClientSampleId :

A4J55

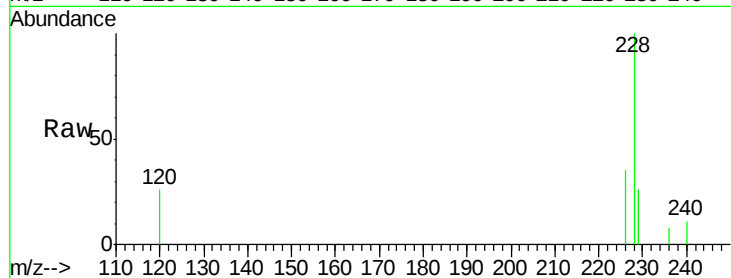
Tgt Ion:228 Resp: 12908

Ion Ratio Lower Upper

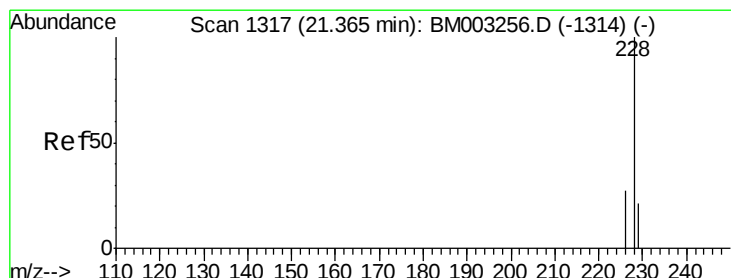
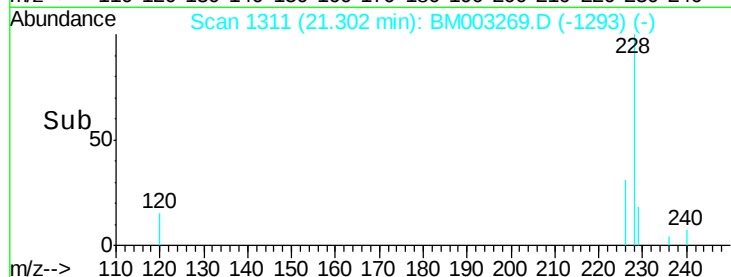
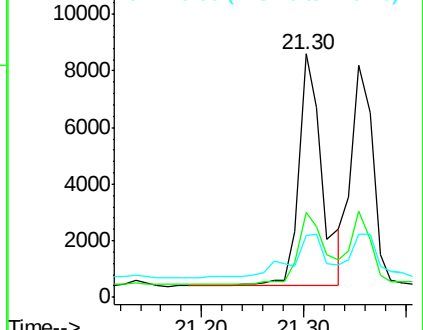
228 100

226 35.0 18.8 28.2#

229 25.5 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: 0.06 ng/ul

RT: 21.35 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BM003269.D

Acq: 22 Nov 2015 03:40

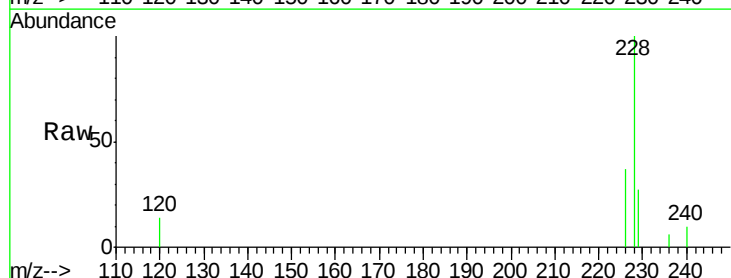
Tgt Ion:228 Resp: 11343

Ion Ratio Lower Upper

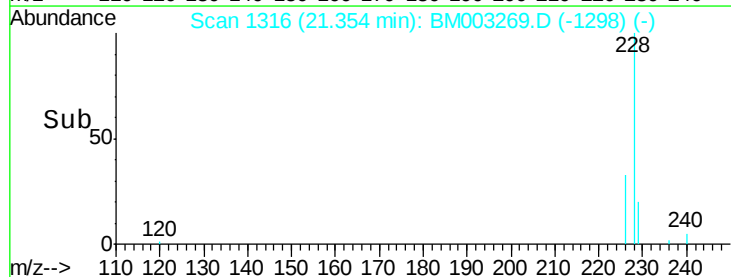
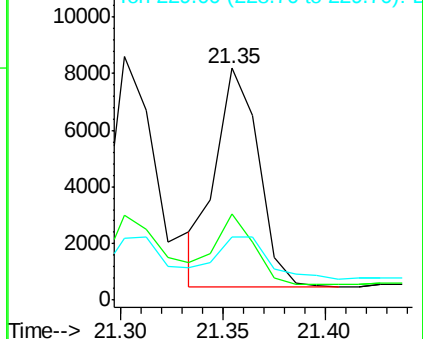
228 100

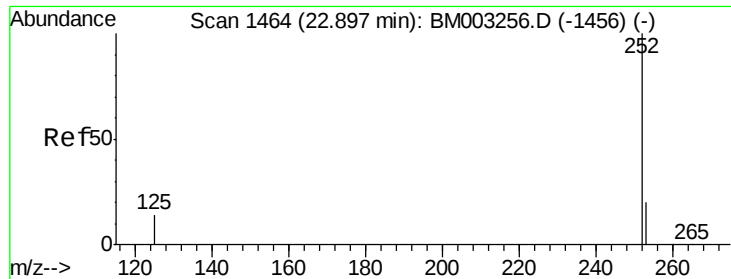
226 36.9 21.2 31.8#

229 27.4 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: 0.00 ng/u1

RT: 22.90 min Scan# 1464

Delta R.T. -0.00 min

Lab File: BM003269.D

Acq: 22 Nov 2015 03:40

Instrument :

BNA_M

ClientSampleId :

A4J55

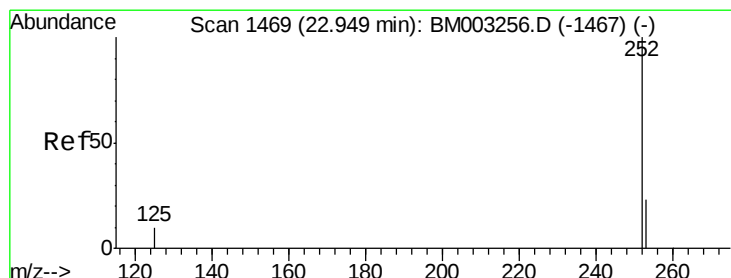
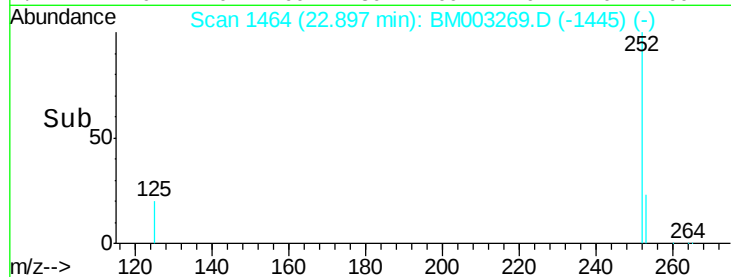
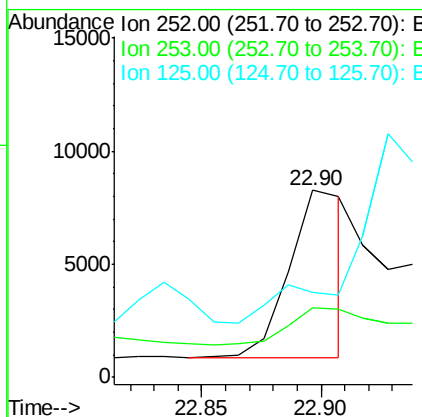
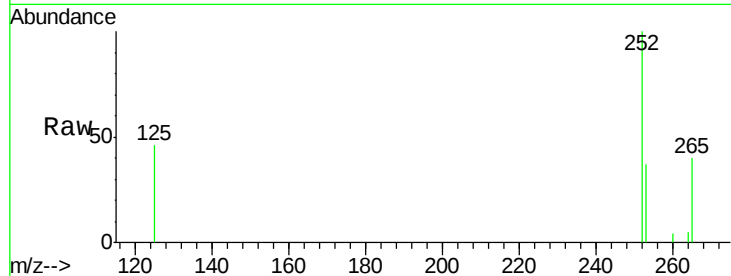
Tgt Ion:252 Resp: 11940

Ion Ratio Lower Upper

252 100

253 37.5 0.0 45.4

125 45.8 0.0 28.8#



#24

Benzo(k)fluoranthene

Concen: 0.00 ng/u1

RT: 22.90 min Scan# 1464

Delta R.T. -0.05 min

Lab File: BM003269.D

Acq: 22 Nov 2015 03:40

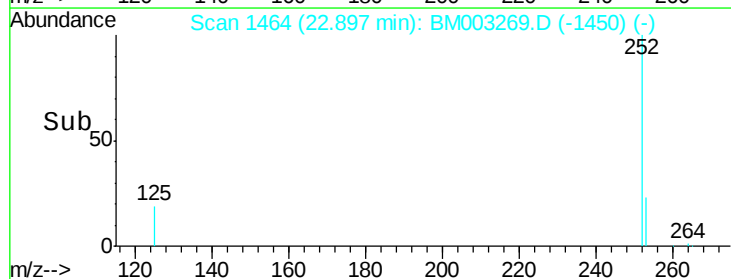
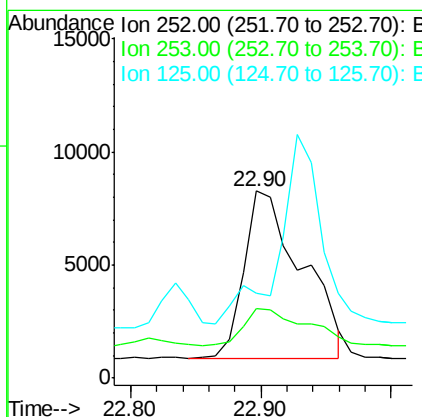
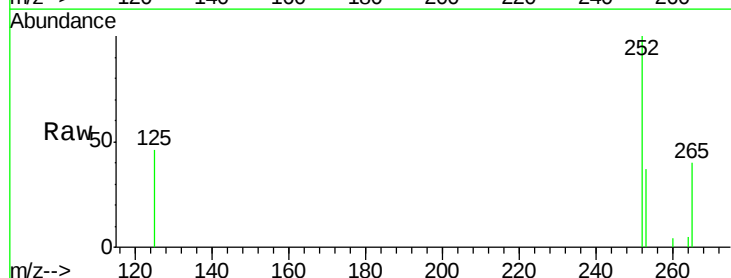
Tgt Ion:252 Resp: 22730

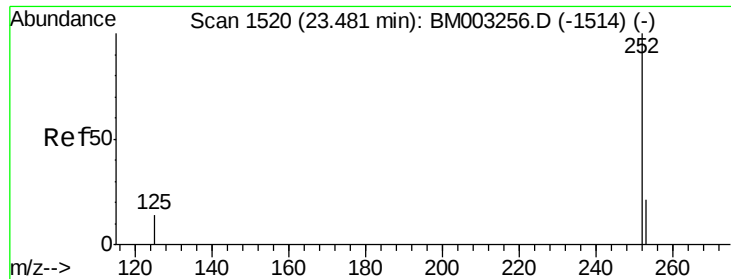
Ion Ratio Lower Upper

252 100

253 37.5 19.8 29.8#

125 45.8 10.4 15.6#





#25

Benzo(a)pyrene

Concen: 0.00 ng/ul

RT: 23.39 min Scan# 1511

Delta R.T. -0.09 min

Lab File: BM003269.D

Acq: 22 Nov 2015 03:40

Instrument :

BNA_M

ClientSampleId :

A4J55

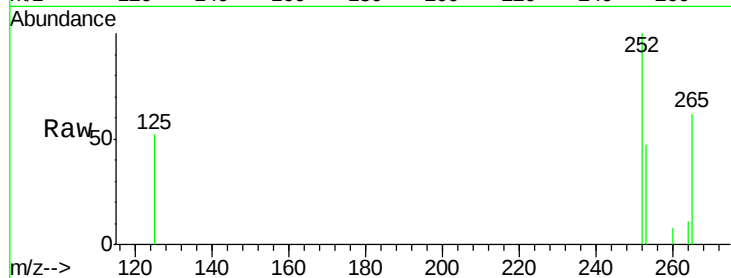
Tgt Ion:252 Resp: 8607

Ion Ratio Lower Upper

252 100

253 46.6 19.4 29.2#

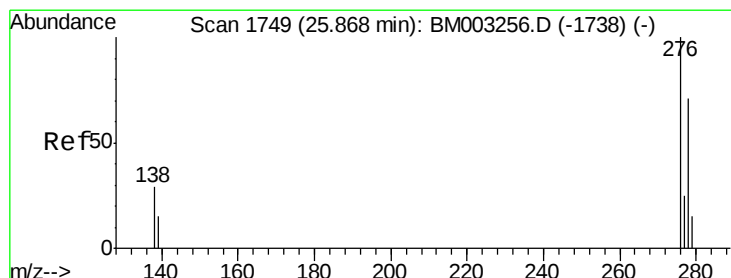
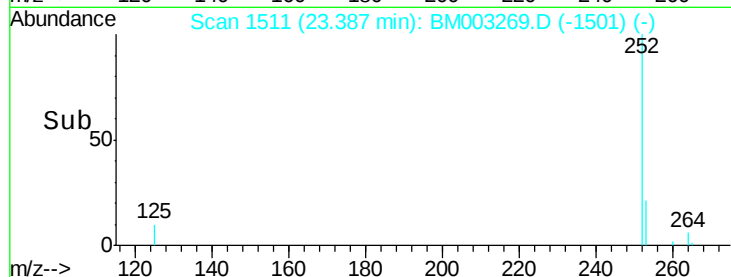
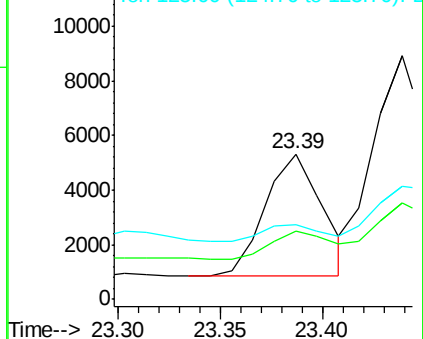
125 51.6 12.7 19.1#



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: 0.00 ng/ul

RT: 25.86 min Scan# 1748

Delta R.T. -0.01 min

Lab File: BM003269.D

Acq: 22 Nov 2015 03:40

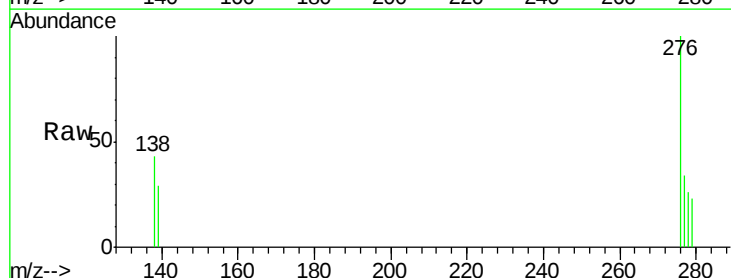
Tgt Ion:276 Resp: 6499

Ion Ratio Lower Upper

276 100

138 23.9 16.3 24.5

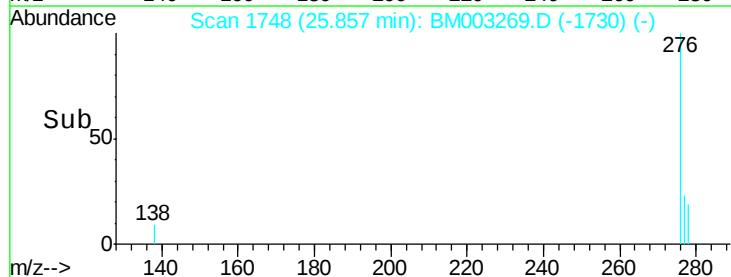
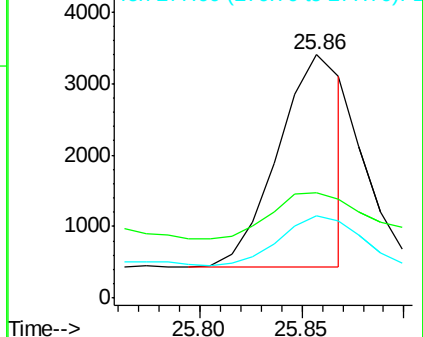
277 22.9 19.8 29.8

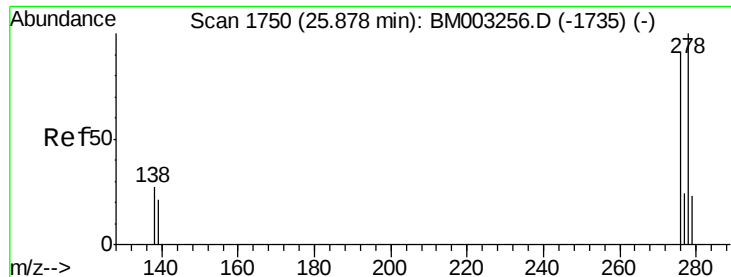


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#27

Dibenzo(a,h)anthracene

Concen: 0.00 ng/ul

RT: 25.71 min Scan# 1734

Delta R.T. -0.17 min

Lab File: BM003269.D

Acq: 22 Nov 2015 03:40

Instrument :

BNA_M

ClientSampleId :

A4J55

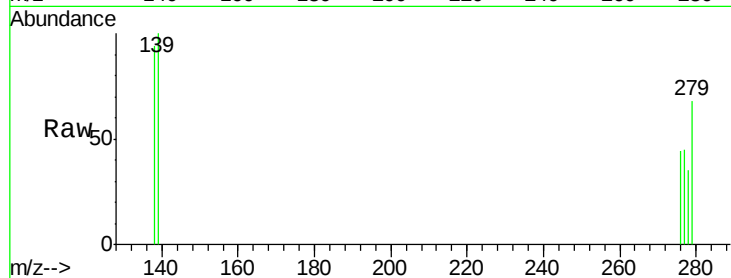
Tgt Ion:278 Resp: 64

Ion Ratio Lower Upper

278 100

139 283.2 16.4 24.6#

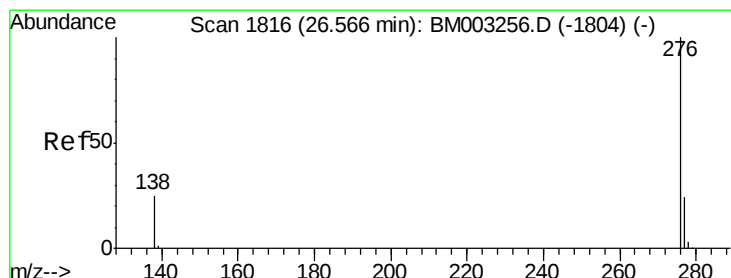
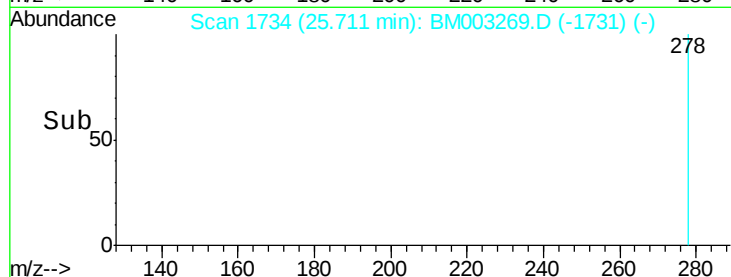
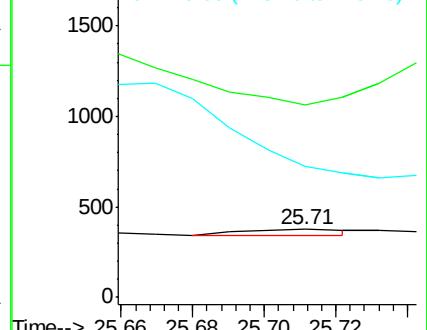
279 192.6 20.2 30.2#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#28

Benzo(g,h,i)perylene

Concen: 0.00 ng/ul

RT: 26.36 min Scan# 1796

Delta R.T. -0.21 min

Lab File: BM003269.D

Acq: 22 Nov 2015 03:40

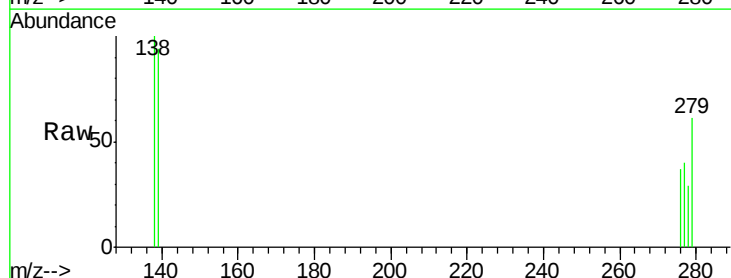
Tgt Ion:276 Resp: 280

Ion Ratio Lower Upper

276 100

277 109.5 18.9 28.3#

138 272.8 22.5 33.7#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

