

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM112115\
 Data File : BM003263.D
 Acq On : 22 Nov 2015 00:04
 Operator : UM/IZ
 Sample : G4345-07
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4J49

Quant Time: Nov 22 04:47:26 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	15742	0.40	ng/ul	0.00
4) Naphthalene-d8	10.53	136	63035	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.38	164	34843	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.23	188	2511447	0.40	ng/ul	0.10
18) Chrysene-d12	21.32	240	62888	0.40	ng/ul	0.00
22) Perylene-d12	23.45	264	3883867	0.40	ng/ul	-0.14

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
2) 1,4-Dioxane-d8	3.20	96	31985	1.90	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.12	152	15250	0.18	ng/ul	0.00
16) Fluoranthene-d10	19.17	212	26789	0.00	ng/ul	0.00

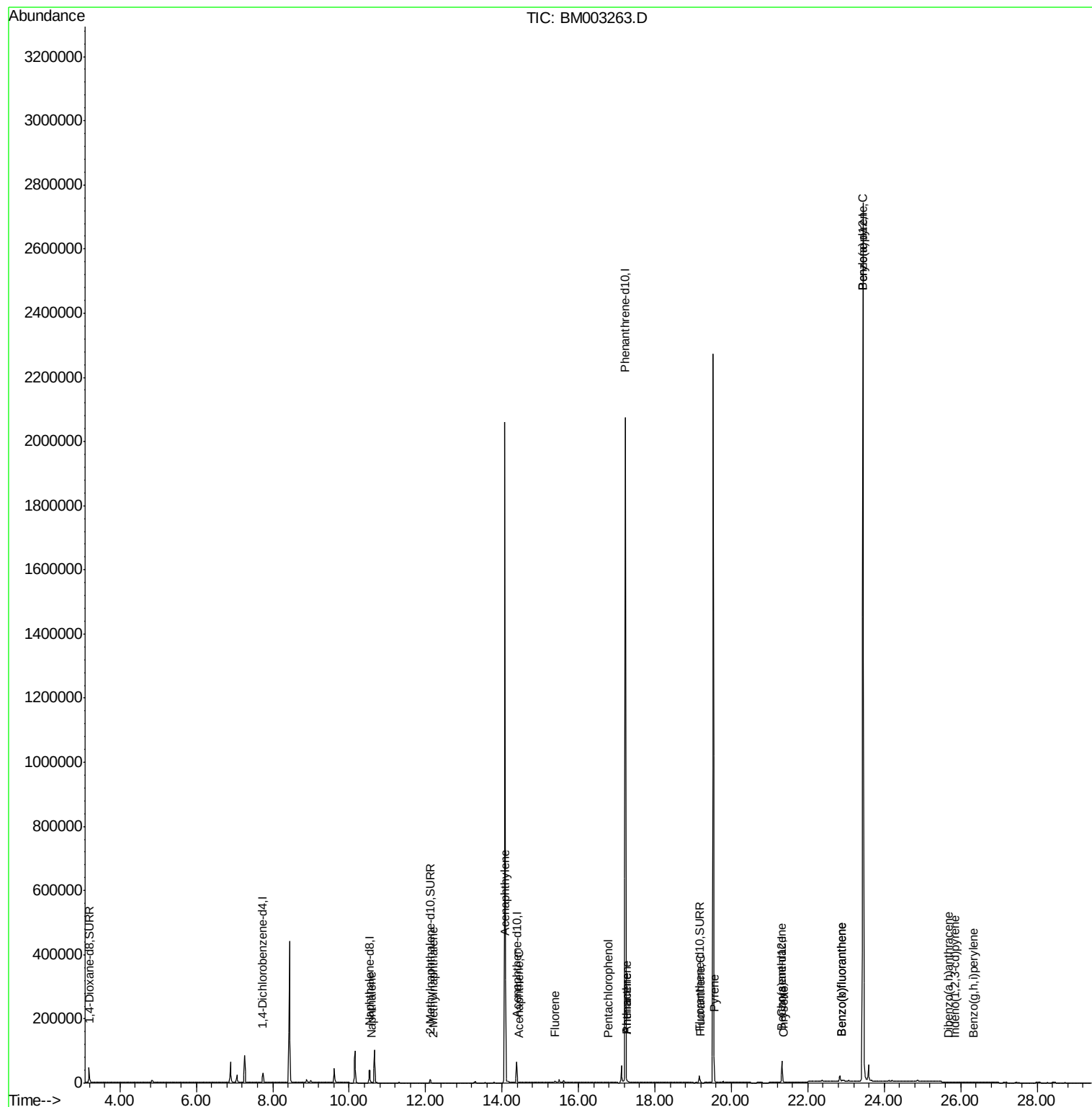
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Naphthalene	10.57	128	2074	0.01	ng/ul#	78
7) 2-Methylnaphthalene	12.19	142	275	0.00	ng/ul#	100
9) Acenaphthylene	14.09	152	1801	0.01	ng/ul#	66
10) Acenaphthene	14.43	153	362	0.00	ng/ul#	74
11) Fluorene	15.37	166	6156	0.05	ng/ul#	26
13) Pentachlorophenol	16.78	266	743	0.00	ng/ul	96
14) Phenanthrene	17.26	178	2497	0.00	ng/ul#	62
15) Anthracene	17.26	178	2435	0.00	ng/ul#	62
17) Fluoranthene	19.19	202	5913	0.00	ng/ul	89
19) Pyrene	19.55	202	8784	0.04	ng/ul#	75
20) Benzo(a)anthracene	21.31	228	3169	0.02	ng/ul#	59
21) Chrysene	21.35	228	2411	0.01	ng/ul#	72
23) Benzo(b)fluoranthene	22.90	252	3418	0.00	ng/ul#	1
24) Benzo(k)fluoranthene	22.90	252	5263	0.00	ng/ul#	1
25) Benzo(a)pyrene	23.44	252	19137	0.00	ng/ul#	67
26) Indeno(1,2,3-cd)pyrene	25.86	276	1636	0.00	ng/ul	96
27) Dibenzo(a,h)anthracene	25.69	278	27	0.00	ng/ul#	1
28) Benzo(g,h,i)perylene	26.35	276	114	0.00	ng/ul#	1

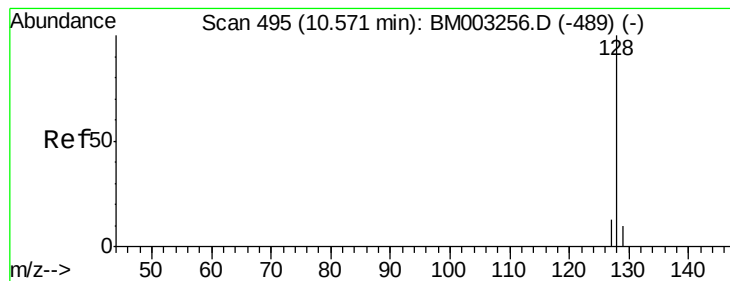
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM112115\
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QLast Update : Sun Nov 22 04:42:03 2015
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#5

Naphthalene

Concen: 0.01 ng/ul

RT: 10.57 min Scan# 495

Delta R.T. -0.00 min

Lab File: BM003263.D

Acq: 22 Nov 2015 00:04

Instrument :

BNA_M

ClientSampleId :

A4J49

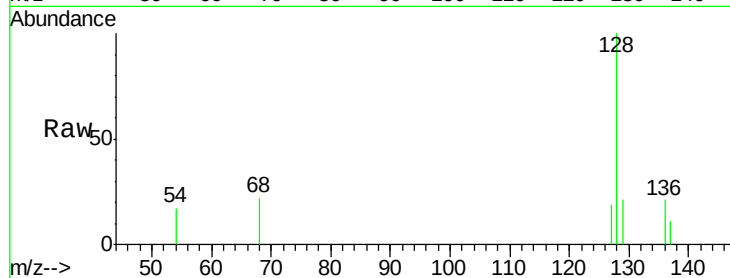
Tgt Ion:128 Resp: 2074

Ion Ratio Lower Upper

128 100

129 20.9 9.0 13.6#

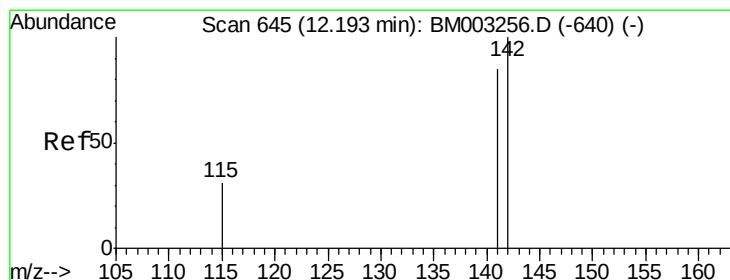
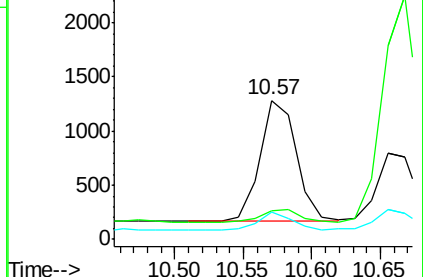
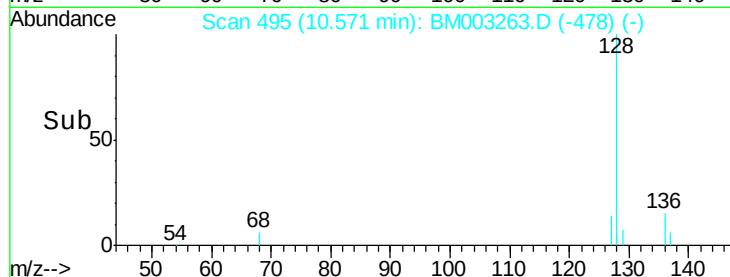
127 19.2 9.6 14.4#



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: 0.00 ng/ul

RT: 12.19 min Scan# 645

Delta R.T. -0.00 min

Lab File: BM003263.D

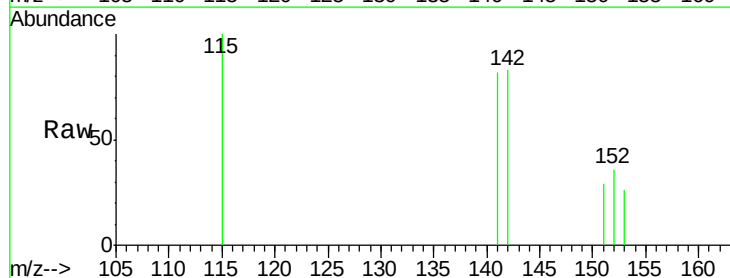
Acq: 22 Nov 2015 00:04

Tgt Ion:142 Resp: 275

Ion Ratio Lower Upper

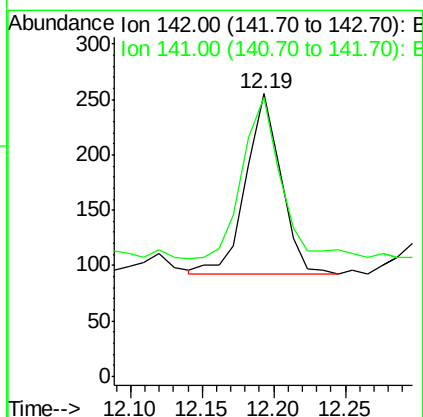
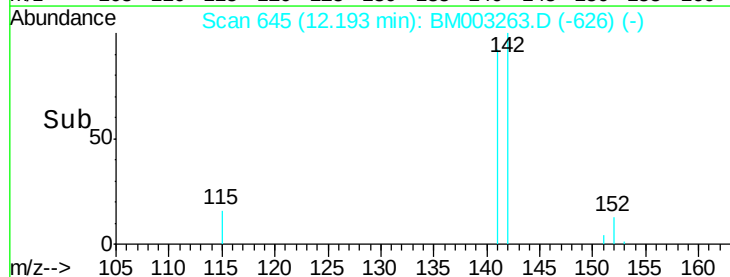
142 100

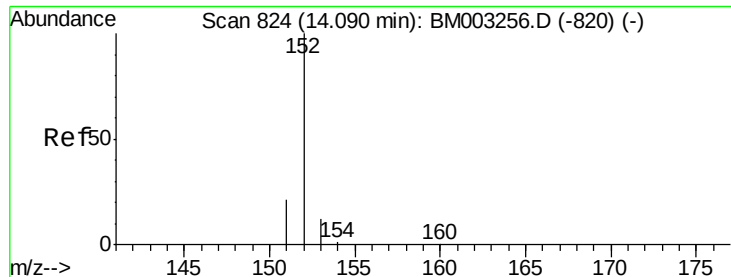
141 102.2 0.0 0.0#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#9

Acenaphthylene

Concen: 0.01 ng/ul

RT: 14.09 min Scan# 824

Delta R.T. -0.00 min

Lab File: BM003263.D

Acq: 22 Nov 2015 00:04

Instrument :

BNA_M

ClientSampleId :

A4J49

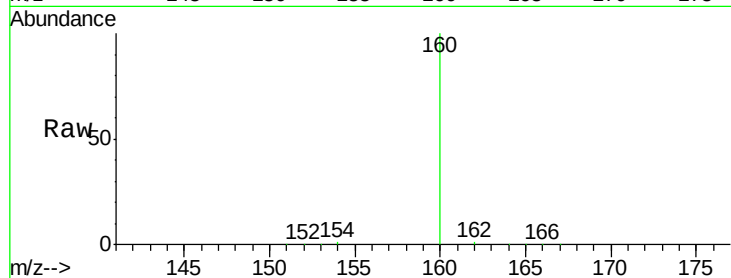
Tgt Ion:152 Resp: 1801

Ion Ratio Lower Upper

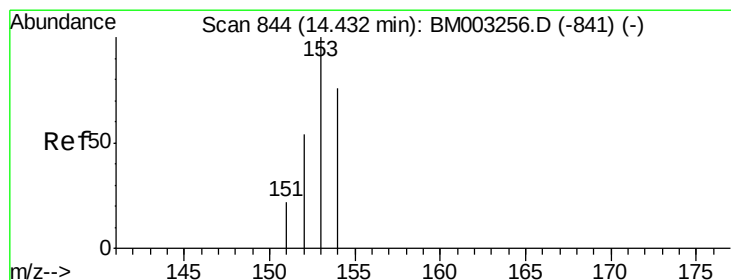
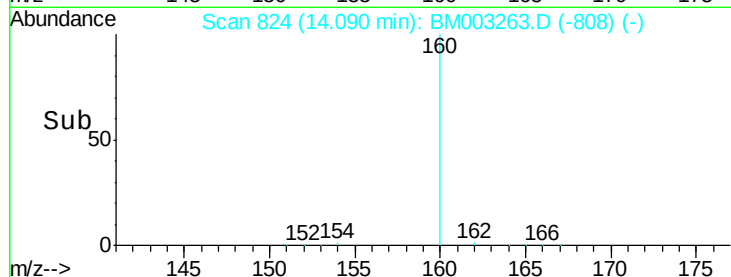
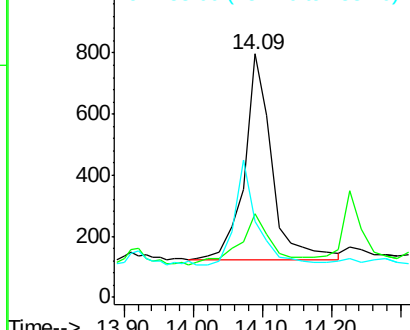
152 100

151 34.1 17.6 26.4#

153 31.0 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: 0.00 ng/ul

RT: 14.43 min Scan# 844

Delta R.T. -0.00 min

Lab File: BM003263.D

Acq: 22 Nov 2015 00:04

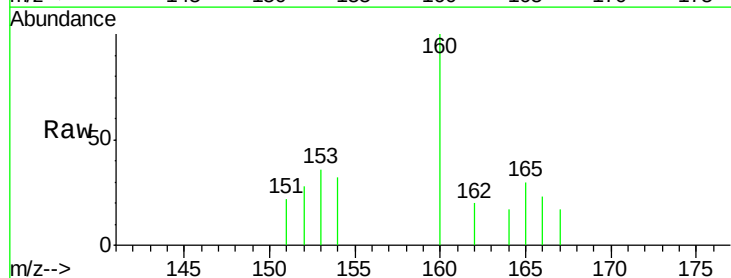
Tgt Ion:153 Resp: 362

Ion Ratio Lower Upper

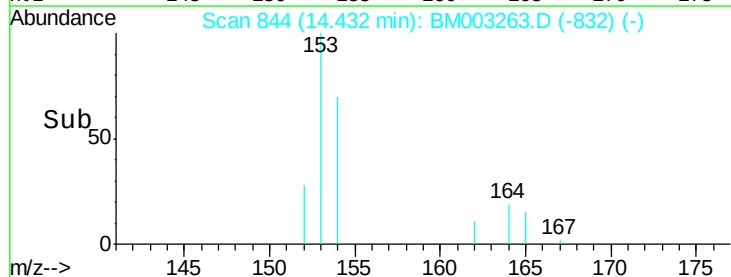
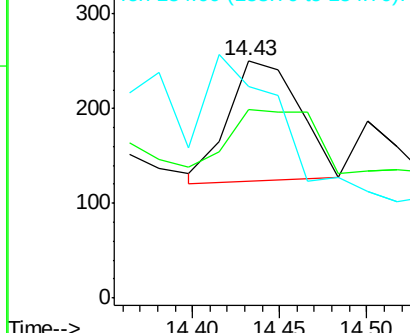
153 100

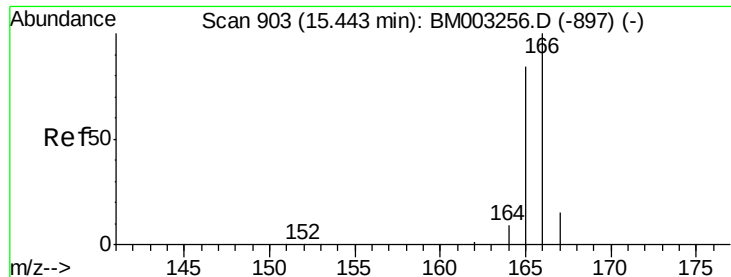
152 79.3 33.9 50.9#

154 88.8 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: 0.05 ng/ul

RT: 15.37 min Scan# 899

Delta R.T. -0.07 min

Lab File: BM003263.D

Acq: 22 Nov 2015 00:04

Instrument :

BNA_M

ClientSampleId :

A4J49

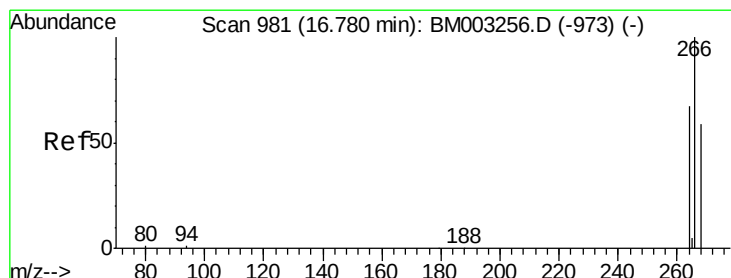
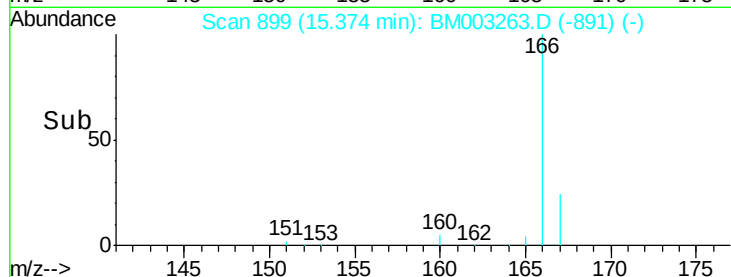
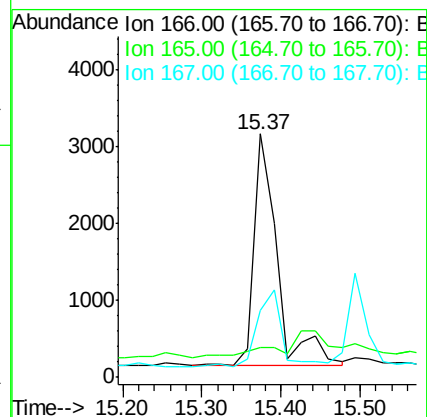
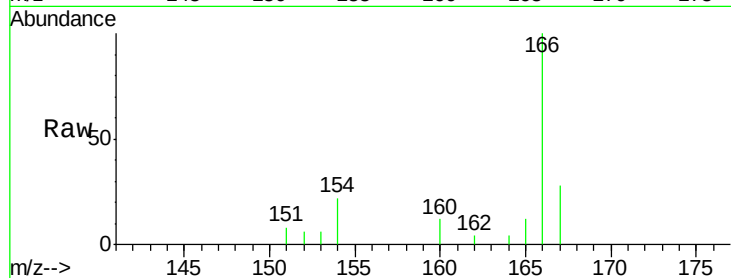
Tgt Ion:166 Resp: 6156

Ion Ratio Lower Upper

166 100

165 12.3 69.6 104.4#

167 27.7 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: BM003263.D

Acq: 22 Nov 2015 00:04

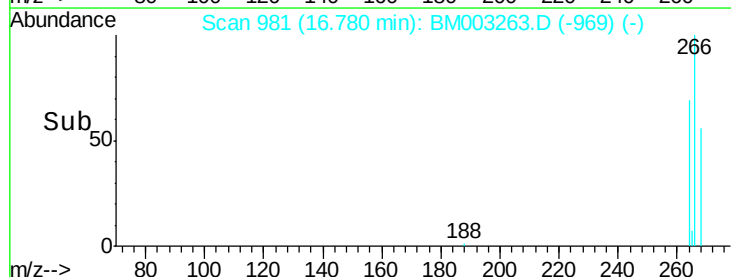
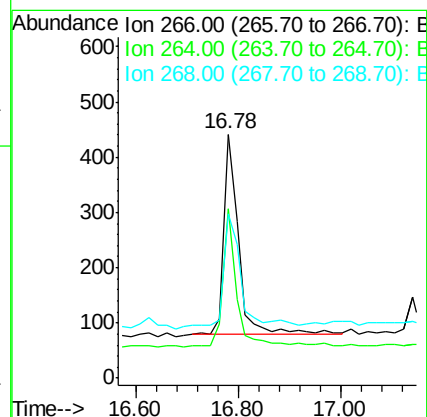
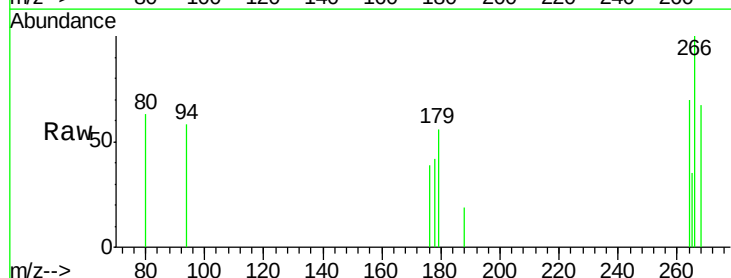
Tgt Ion:266 Resp: 743

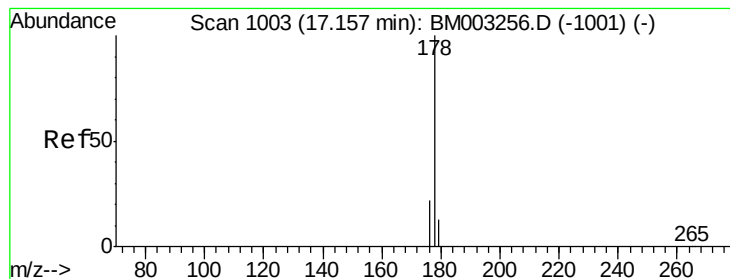
Ion Ratio Lower Upper

266 100

264 60.2 51.8 77.8

268 59.8 46.8 70.2





#14

Phenanthrene

Concen: 0.00 ng/ul

RT: 17.26 min Scan# 1009

Delta R.T. 0.10 min

Lab File: BM003263.D

Acq: 22 Nov 2015 00:04

Instrument :

BNA_M

ClientSampleId :

A4J49

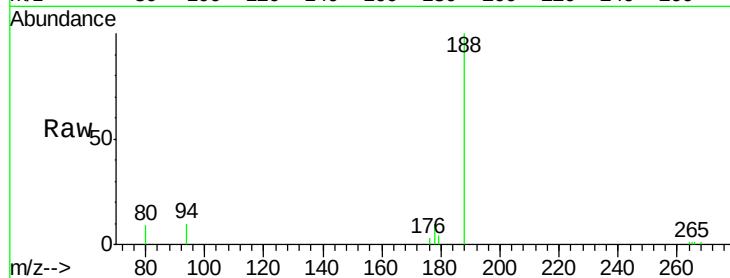
Tgt Ion:178 Resp: 2497

Ion Ratio Lower Upper

178 100

176 29.9 13.0 19.4#

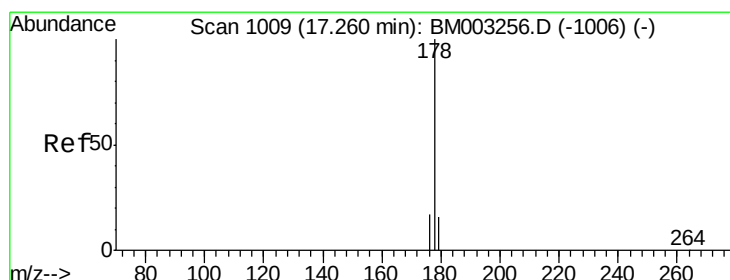
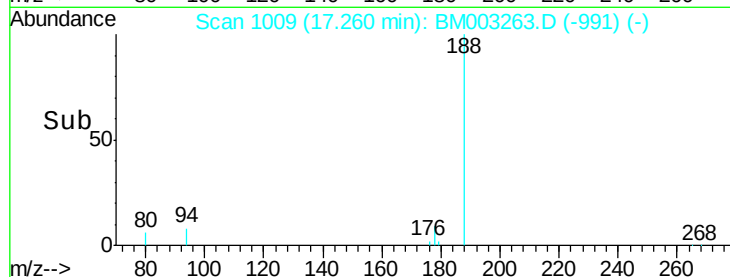
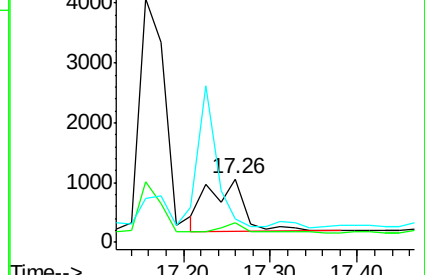
179 37.0 14.2 21.2#



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: 0.00 ng/ul

RT: 17.26 min Scan# 1009

Delta R.T. -0.00 min

Lab File: BM003263.D

Acq: 22 Nov 2015 00:04

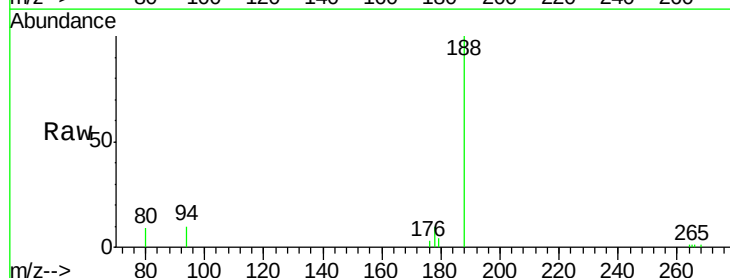
Tgt Ion:178 Resp: 2435

Ion Ratio Lower Upper

178 100

176 29.9 14.0 21.0#

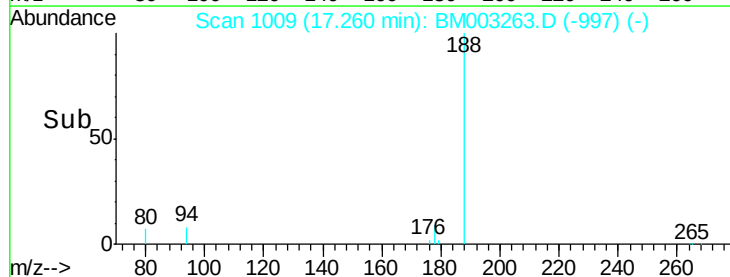
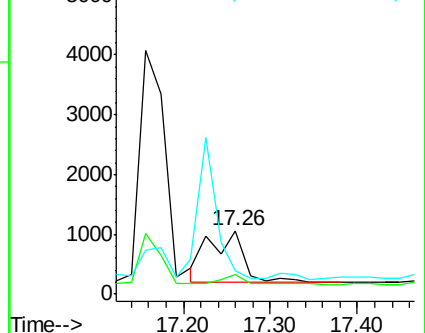
179 37.0 12.9 19.3#

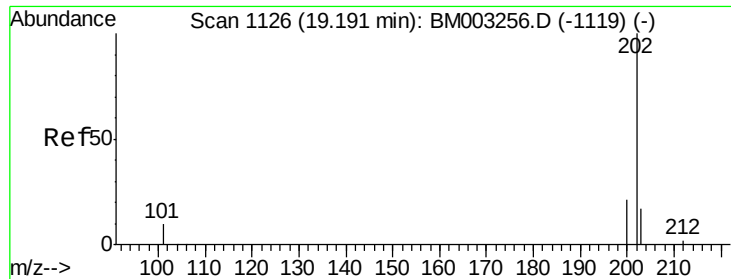


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

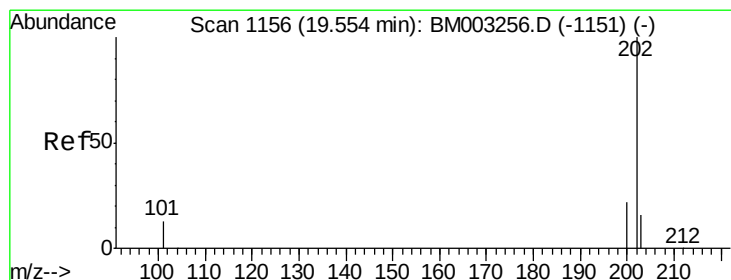
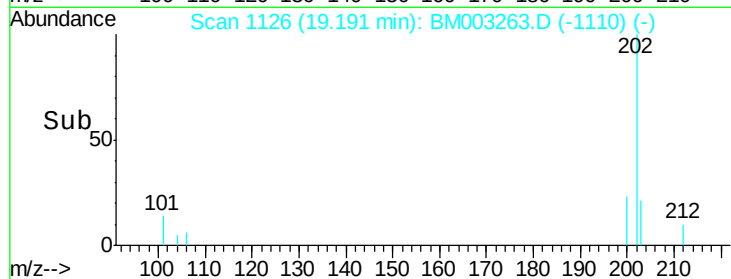
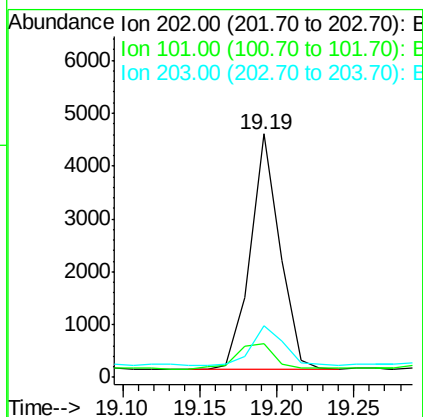
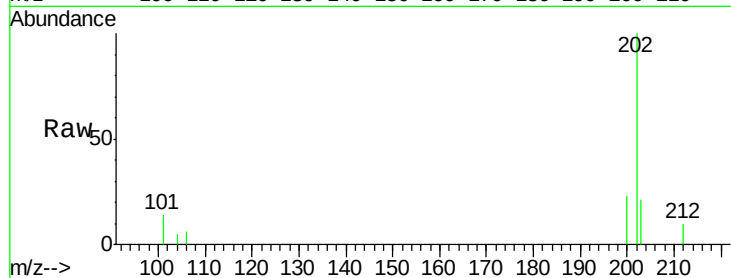




#17
Fluoranthene
Concen: 0.00 ng/ul
RT: 19.19 min Scan# 1126
Delta R.T. -0.00 min
Lab File: BM003263.D
Acq: 22 Nov 2015 00:04

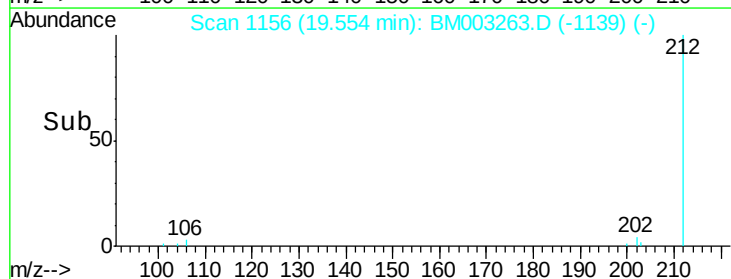
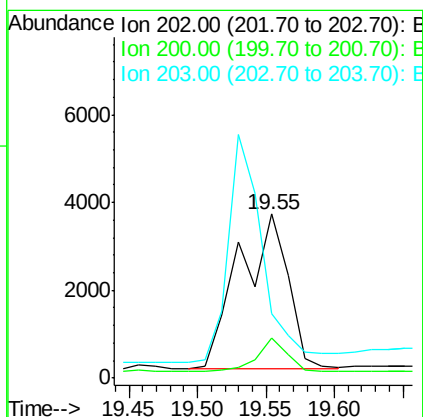
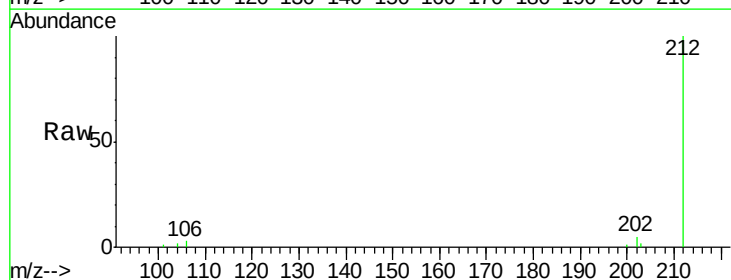
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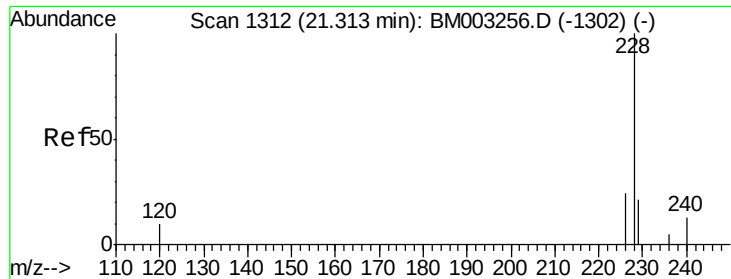
Tgt Ion:202 Resp: 5913
Ion Ratio Lower Upper
202 100
101 13.9 0.0 29.6
203 21.1 0.0 36.3



#19
Pyrene
Concen: 0.04 ng/ul
RT: 19.55 min Scan# 1156
Delta R.T. -0.00 min
Lab File: BM003263.D
Acq: 22 Nov 2015 00:04

Tgt Ion:202 Resp: 8784
Ion Ratio Lower Upper
202 100
200 24.2 17.8 26.8
203 39.2 12.8 19.2#





#20

Benzo(a)anthracene

Concen: 0.02 ng/ul

RT: 21.31 min Scan# 1312

Delta R.T. -0.00 min

Lab File: BM003263.D

Acq: 22 Nov 2015 00:04

Instrument :

BNA_M

ClientSampleId :

A4J49

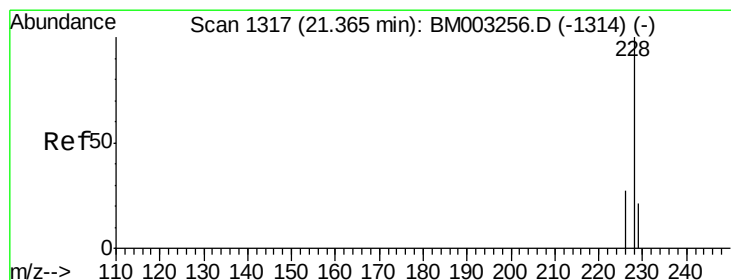
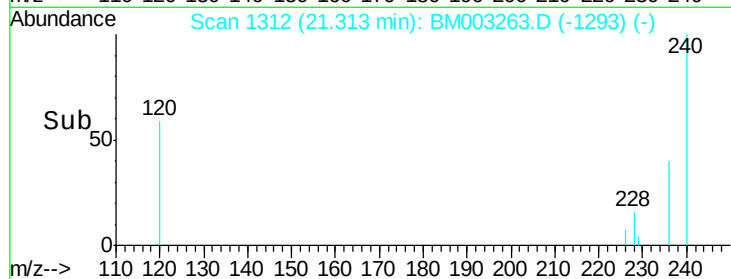
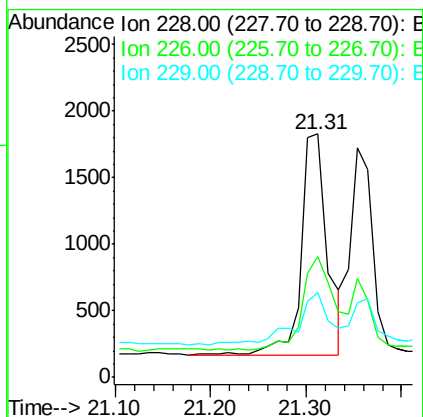
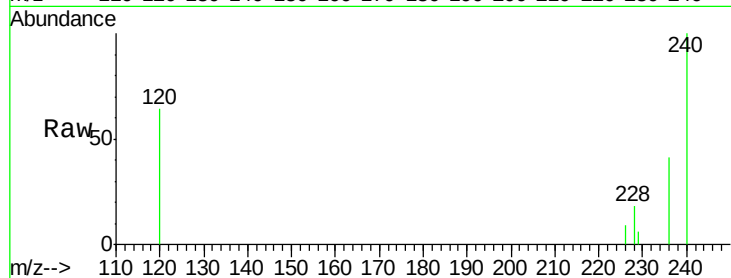
Tgt Ion:228 Resp: 3169

Ion Ratio Lower Upper

228 100

226 49.4 18.8 28.2#

229 34.9 17.1 25.7#



#21

Chrysene

Concen: 0.01 ng/ul

RT: 21.35 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BM003263.D

Acq: 22 Nov 2015 00:04

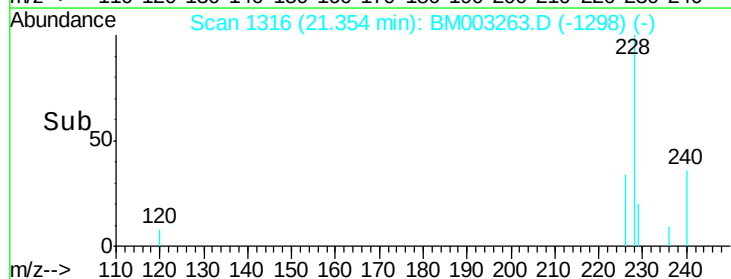
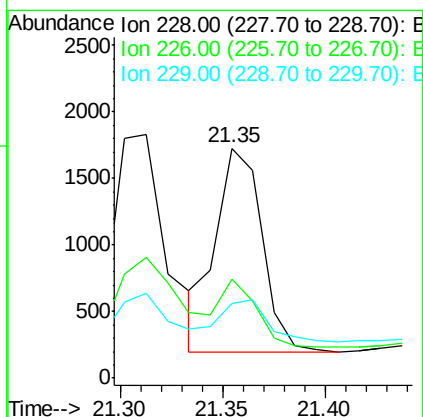
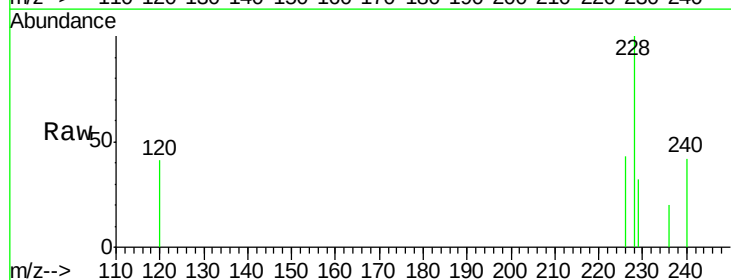
Tgt Ion:228 Resp: 2411

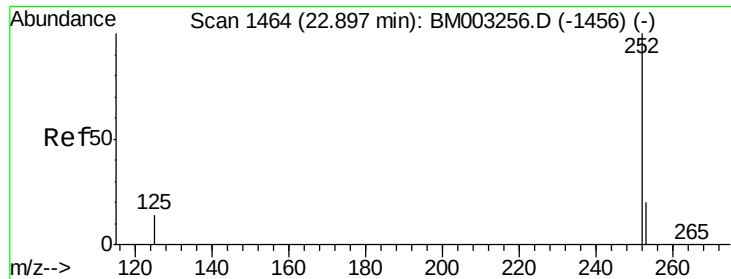
Ion Ratio Lower Upper

228 100

226 42.8 21.2 31.8#

229 32.2 17.0 25.6#





#23

Benzo(b)fluoranthene

Concen: 0.00 ng/ul

RT: 22.90 min Scan# 1464

Delta R.T. -0.00 min

Lab File: BM003263.D

Acq: 22 Nov 2015 00:04

Instrument :

BNA_M

ClientSampleId :

A4J49

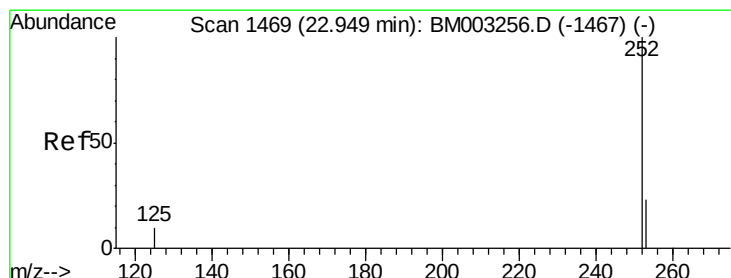
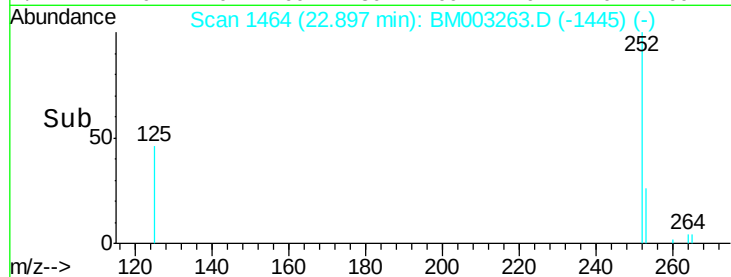
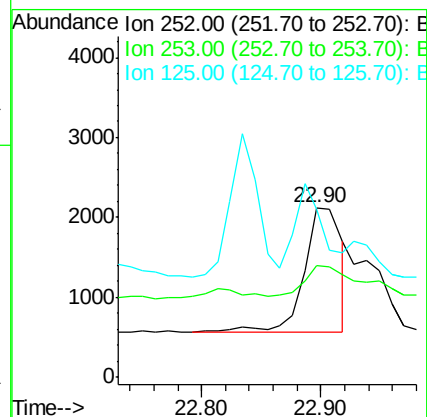
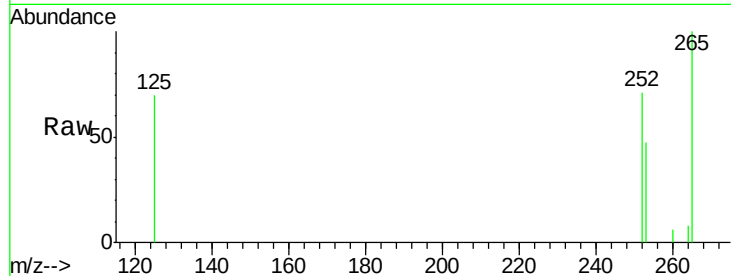
Tgt Ion:252 Resp: 3418

Ion Ratio Lower Upper

252 100

253 66.2 0.0 45.4#

125 98.8 0.0 28.8#



#24

Benzo(k)fluoranthene

Concen: 0.00 ng/ul

RT: 22.90 min Scan# 1464

Delta R.T. -0.05 min

Lab File: BM003263.D

Acq: 22 Nov 2015 00:04

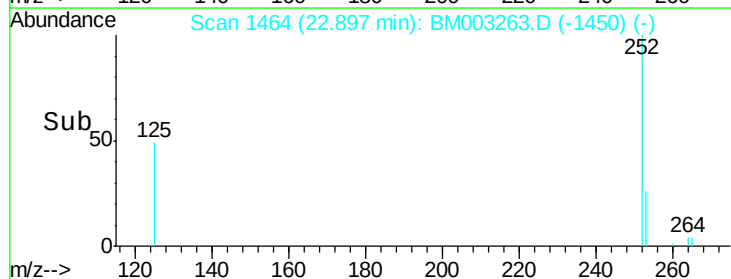
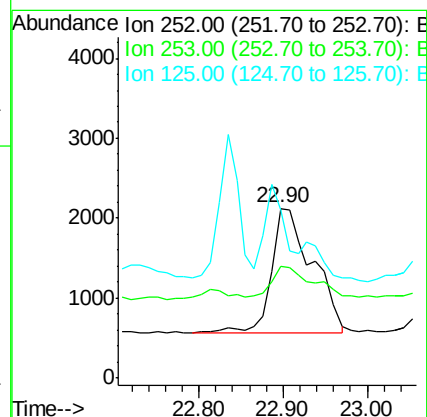
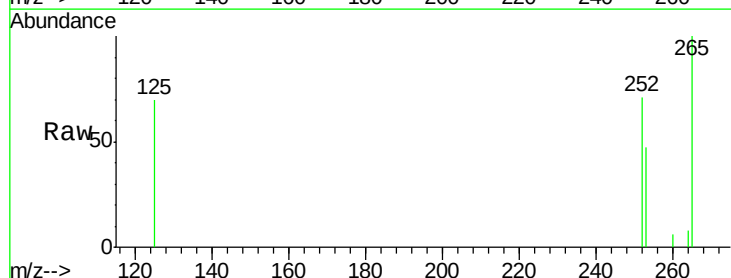
Tgt Ion:252 Resp: 5263

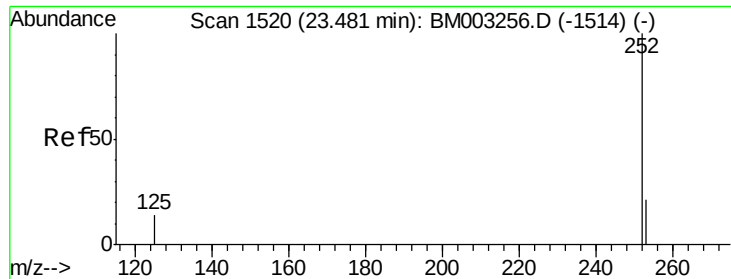
Ion Ratio Lower Upper

252 100

253 66.2 19.8 29.8#

125 98.8 10.4 15.6#





#25

Benzo(a)pyrene

Concen: 0.00 ng/ul

RT: 23.44 min Scan# 1516

Delta R.T. -0.04 min

Lab File: BM003263.D

Acq: 22 Nov 2015 00:04

Instrument :

BNA_M

ClientSampleId :

A4J49

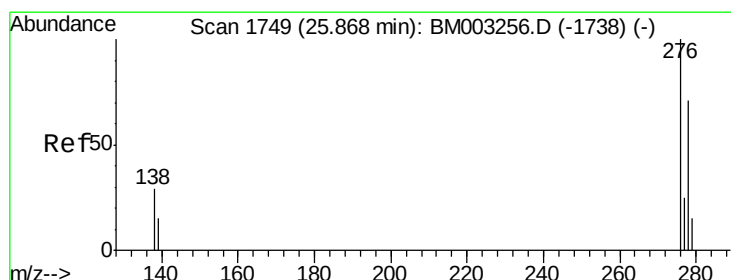
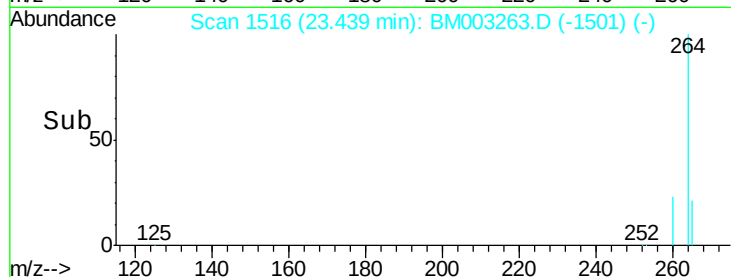
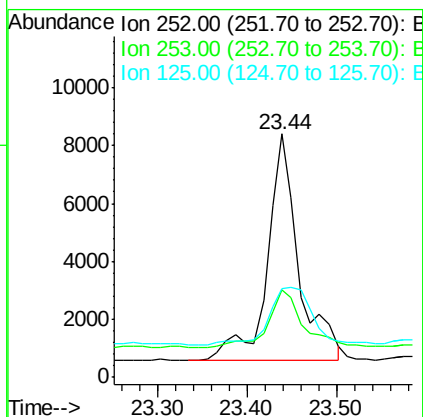
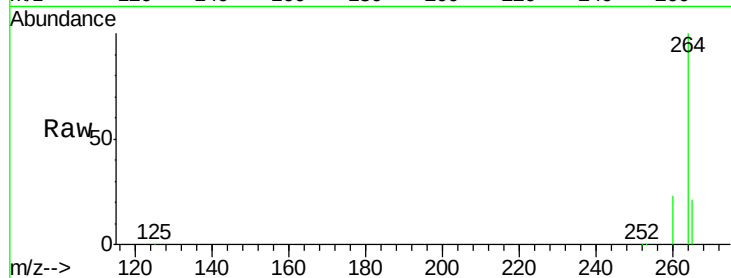
Tgt Ion:252 Resp: 19137

Ion Ratio Lower Upper

252 100

253 35.9 19.4 29.2#

125 36.3 12.7 19.1#



#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: BM003263.D

Acq: 22 Nov 2015 00:04

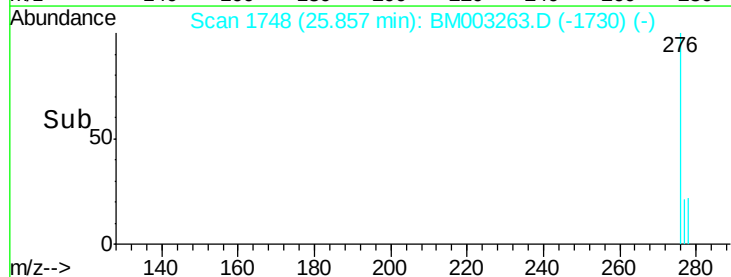
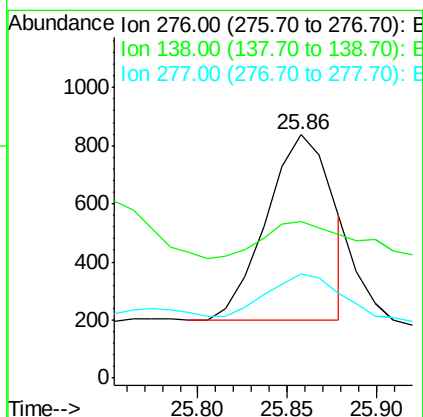
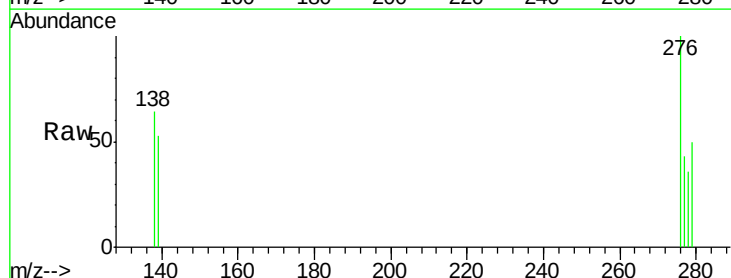
Tgt Ion:276 Resp: 1636

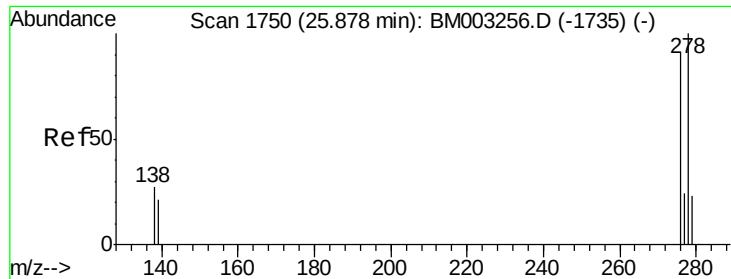
Ion Ratio Lower Upper

276 100

138 20.4 16.3 24.5

277 21.6 19.8 29.8





#27

Dibenzo(a,h)anthracene

Concen: 0.00 ng/ul

RT: 25.69 min Scan# 1732

Delta R.T. -0.19 min

Lab File: BM003263.D

Acq: 22 Nov 2015 00:04

Instrument :

BNA_M

ClientSampled :

A4J49

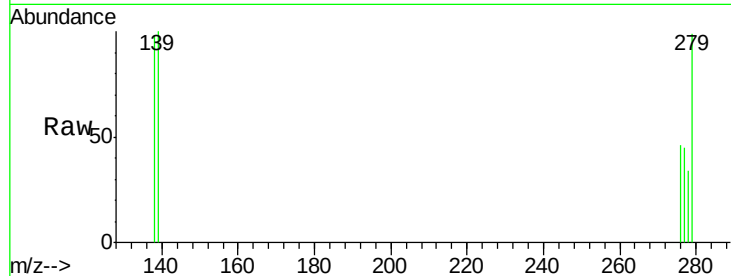
Tgt Ion:278 Resp: 27

Ion Ratio Lower Upper

278 100

139 295.3 16.4 24.6#

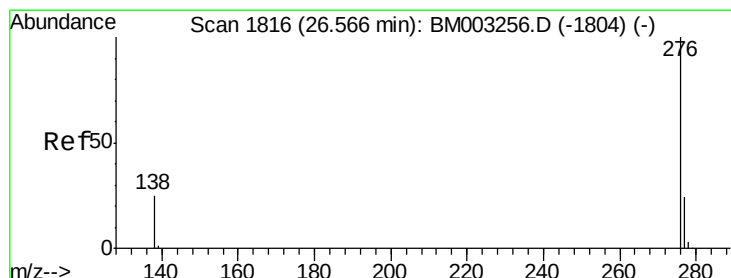
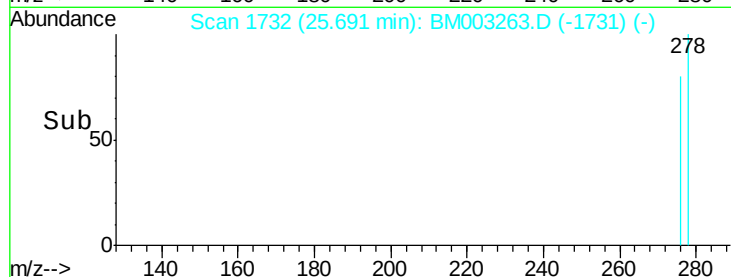
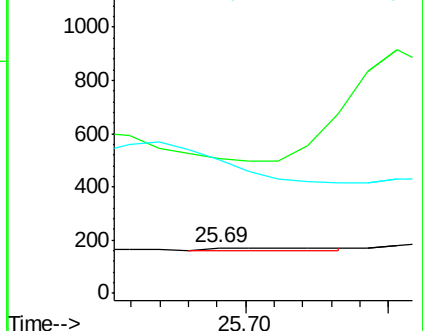
279 292.4 20.2 30.2#



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: 26.35 min Scan# 1795

Delta R.T. -0.22 min

Lab File: BM003263.D

Acq: 22 Nov 2015 00:04

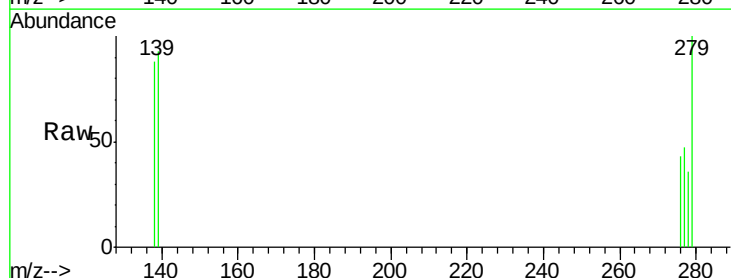
Tgt Ion:276 Resp: 114

Ion Ratio Lower Upper

276 100

277 109.4 18.9 28.3#

138 201.7 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

