

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM112115\
 Data File : BM003257.D
 Acq On : 21 Nov 2015 20:30
 Operator : UM/IZ
 Sample : G4323-30
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4J59

Quant Time: Nov 22 04:45:31 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	15075	0.40	ng/ul	0.00
4) Naphthalene-d8	10.52	136	62317	0.40	ng/ul	-0.01
8) Acenaphthene-d10	14.38	164	38019	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.23	188	3978708	0.40	ng/ul	0.10
18) Chrysene-d12	21.32	240	59745	0.40	ng/ul	0.00
22) Perylene-d12	23.45	264	3697495	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	80209	4.98	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.12	152	24942	0.29	ng/ul	0.00
16) Fluoranthene-d10	19.17	212	46586	0.00	ng/ul	0.00

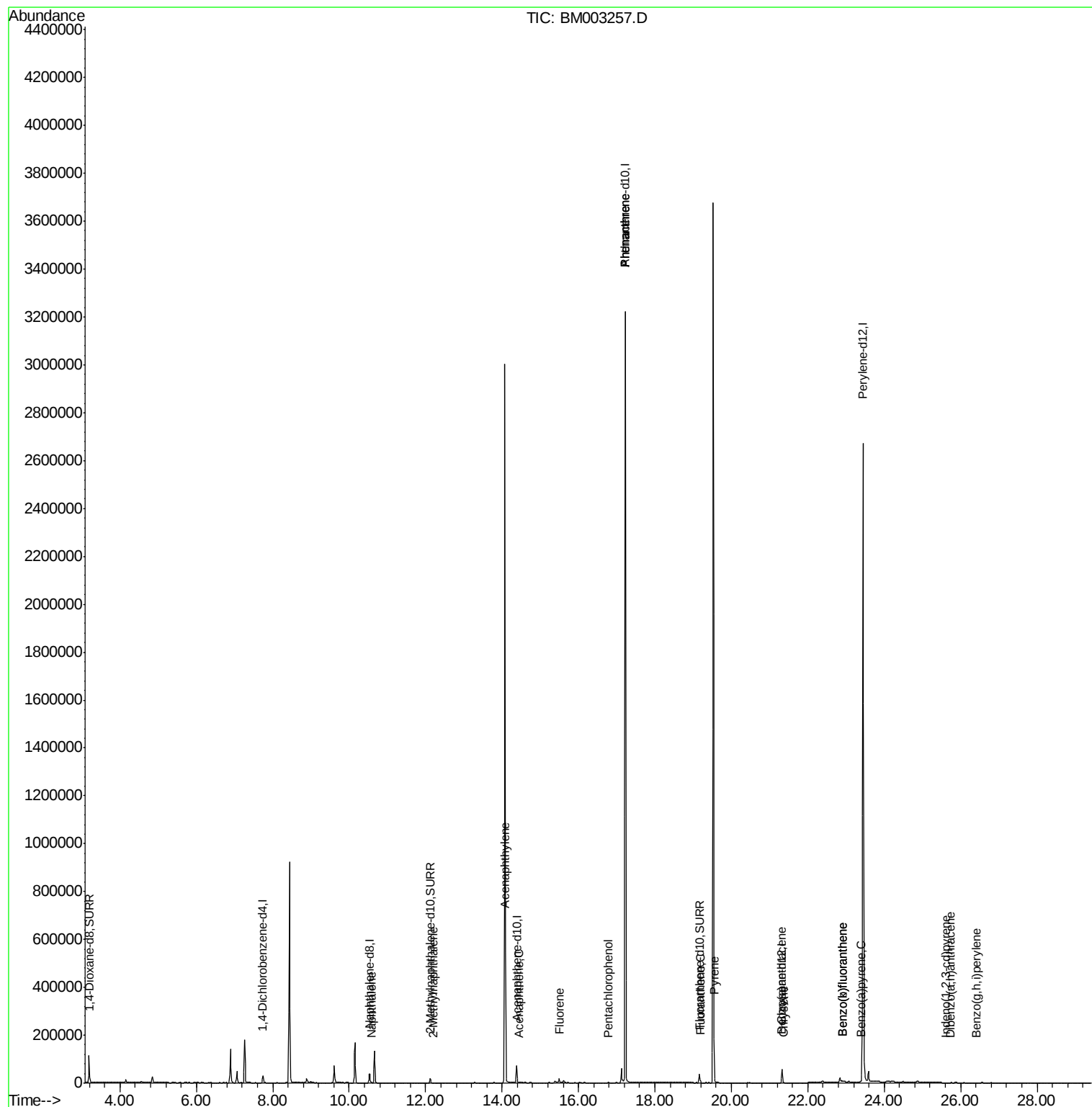
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Naphthalene	10.57	128	3709	0.02	ng/ul#	88
7) 2-Methylnaphthalene	12.19	142	496	0.00	ng/ul#	100
9) Acenaphthylene	14.09	152	787	0.00	ng/ul#	26
10) Acenaphthene	14.43	153	871	0.01	ng/ul#	80
11) Fluorene	15.49	166	326	0.00	ng/ul#	1
13) Pentachlorophenol	16.78	266	802	0.00	ng/ul	96
14) Phenanthrene	17.23	178	2906	0.00	ng/ul#	1
15) Anthracene	17.23	178	2783	0.00	ng/ul#	1
17) Fluoranthene	19.19	202	11075	0.00	ng/ul	93
19) Pyrene	19.55	202	16934	0.08	ng/ul#	86
20) Benzo(a)anthracene	21.31	228	4028	0.02	ng/ul#	85
21) Chrysene	21.36	228	4284	0.02	ng/ul#	91
23) Benzo(b)fluoranthene	22.91	252	4828	0.00	ng/ul#	15
24) Benzo(k)fluoranthene	22.91	252	7779	0.00	ng/ul#	20
25) Benzo(a)pyrene	23.39	252	2877	0.00	ng/ul#	7
26) Indeno(1,2,3-cd)pyrene	25.62	276	288	0.00	ng/ul#	84
27) Dibenzo(a,h)anthracene	25.72	278	28	0.00	ng/ul#	1
28) Benzo(g,h,i)perylene	26.41	276	60	0.00	ng/ul#	1

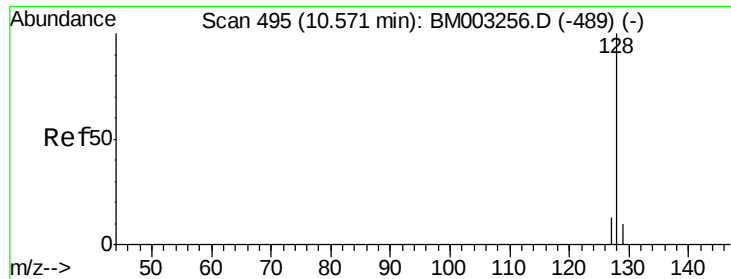
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM112115\
Data File : BM003257.D
Acq On : 21 Nov 2015 20:30
Operator : UM/IZ
Sample : G4323-30
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4J59

Quant Time: Nov 22 04:45:31 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





#5

Naphthalene

Concen: 0.02 ng/ul

RT: 10.57 min Scan# 495

Delta R.T. -0.00 min

Lab File: BM003257.D

Acq: 21 Nov 2015 20:30

Instrument :

BNA_M

ClientSampleId :

A4J59

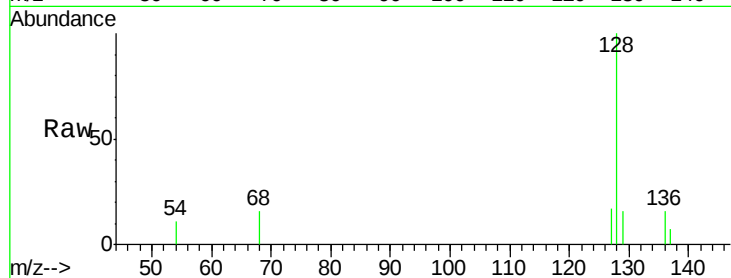
Tgt Ion:128 Resp: 3709

Ion Ratio Lower Upper

128 100

129 16.0 9.0 13.6#

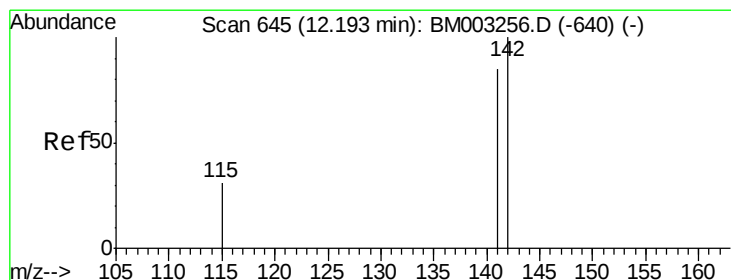
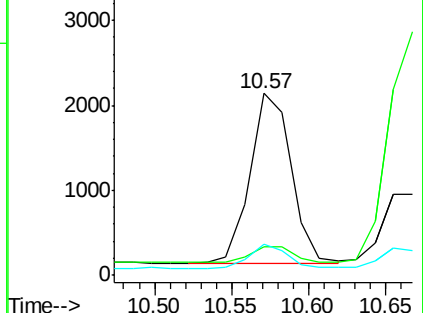
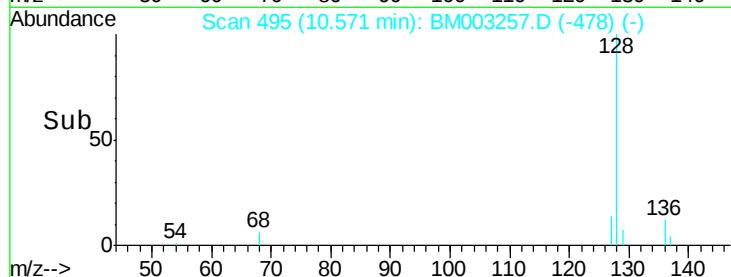
127 16.8 9.6 14.4#



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: 0.00 ng/ul

RT: 12.19 min Scan# 645

Delta R.T. -0.00 min

Lab File: BM003257.D

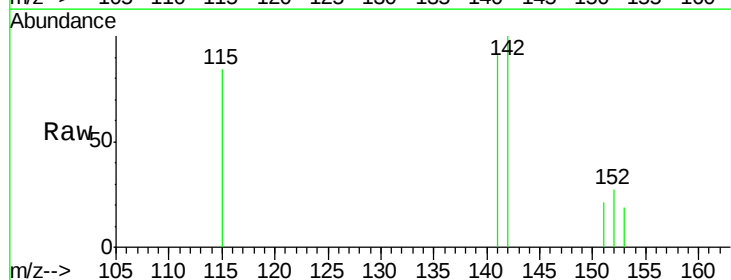
Acq: 21 Nov 2015 20:30

Tgt Ion:142 Resp: 496

Ion Ratio Lower Upper

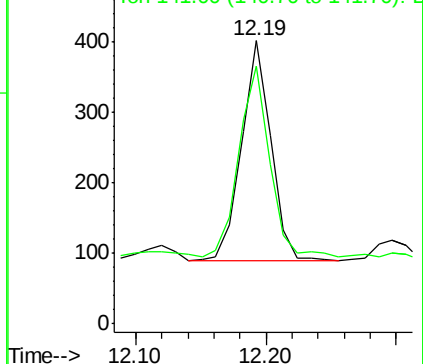
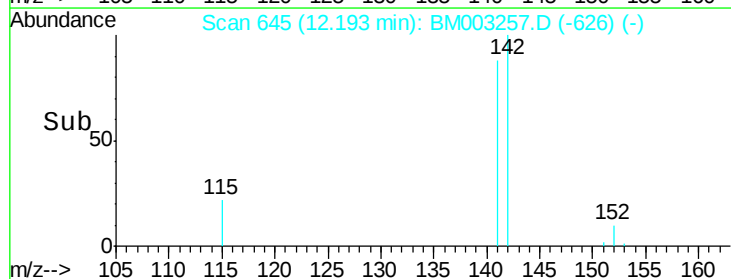
142 100

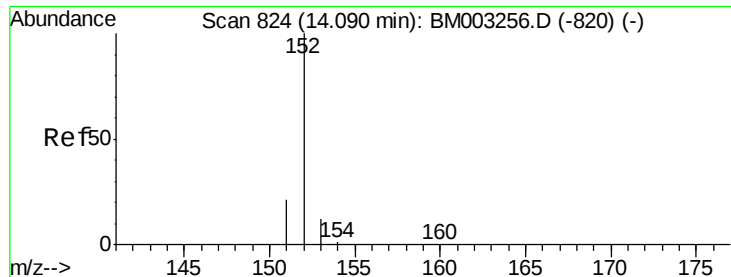
141 88.3 0.0 0.0#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#9

Acenaphthylene

Concen: 0.00 ng/ul

RT: 14.09 min Scan# 824

Delta R.T. -0.00 min

Lab File: BM003257.D

Acq: 21 Nov 2015 20:30

Instrument :

BNA_M

ClientSampleId :

A4J59

Tgt Ion:152 Resp: 787

Ion Ratio Lower Upper

152 100

151 46.1 17.6 26.4#

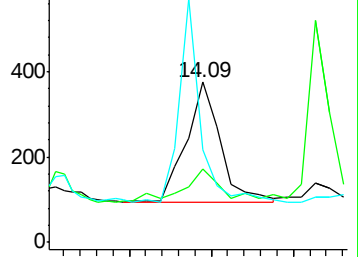
153 57.9 9.7 14.5#



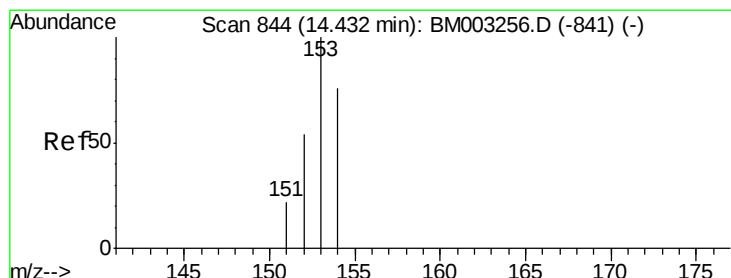
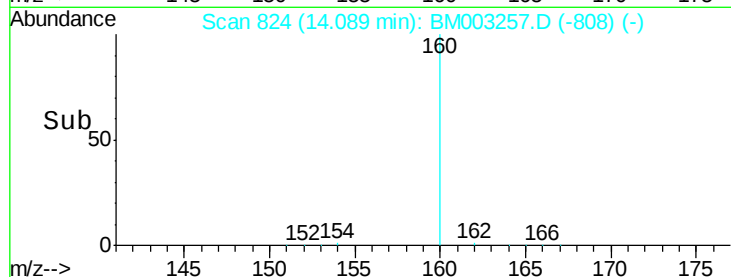
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



Time-->



#10

Acenaphthene

Concen: 0.01 ng/ul

RT: 14.43 min Scan# 844

Delta R.T. -0.00 min

Lab File: BM003257.D

Acq: 21 Nov 2015 20:30

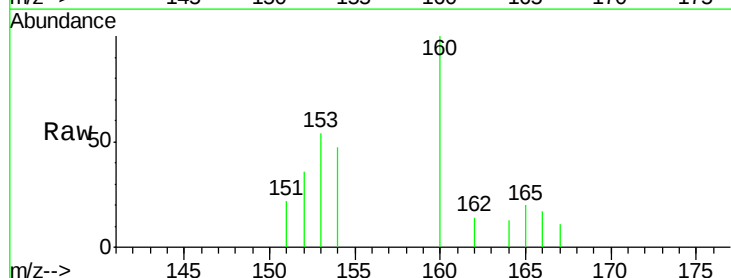
Tgt Ion:153 Resp: 871

Ion Ratio Lower Upper

153 100

152 66.1 33.9 50.9#

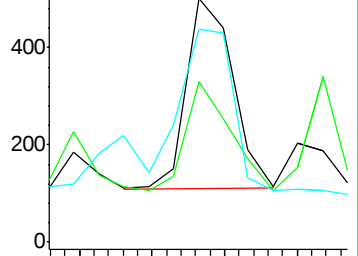
154 87.4 80.6 121.0



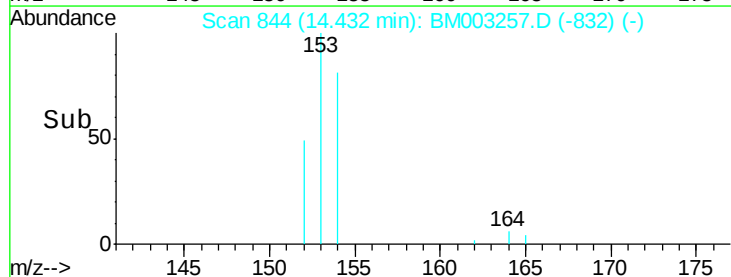
Abundance Ion 153.00 (152.70 to 153.70): E

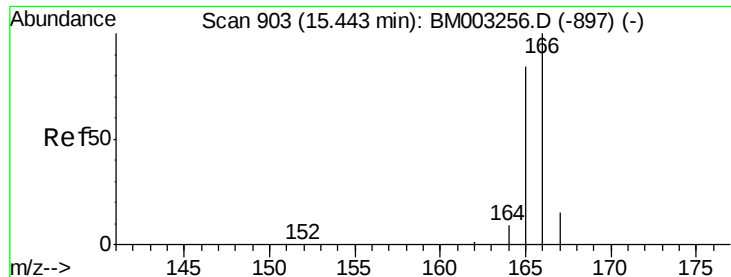
Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



Time-->





#11

Fluorene

Concen: 0.00 ng/ul

RT: 15.49 min Scan# 906

Delta R.T. 0.05 min

Lab File: BM003257.D

Acq: 21 Nov 2015 20:30

Instrument :

BNA_M

ClientSampleId :

A4J59

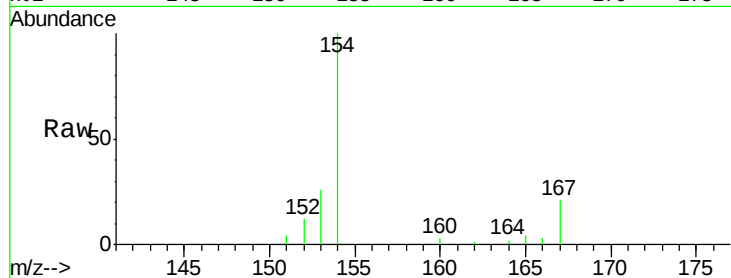
Tgt Ion:166 Resp: 326

Ion Ratio Lower Upper

166 100

165 158.8 69.6 104.4#

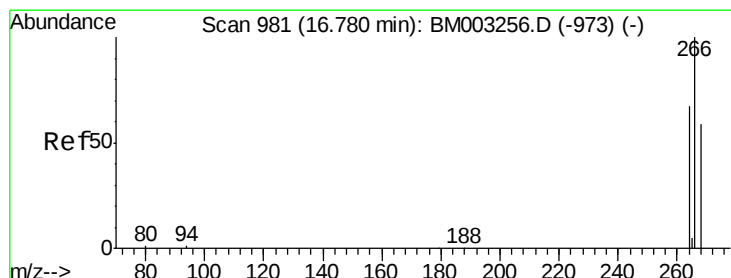
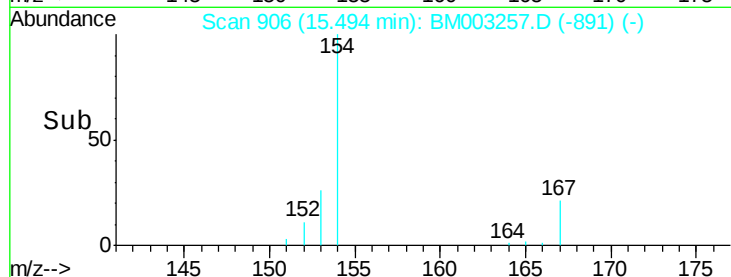
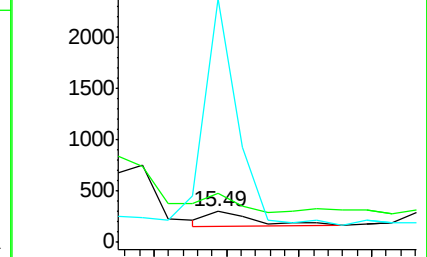
167 789.4 11.9 17.9#



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

Pentachlorophenol

Concen: 0.00 ng/ul

RT: 16.78 min Scan# 981

Delta R.T. -0.00 min

Lab File: BM003257.D

Acq: 21 Nov 2015 20:30

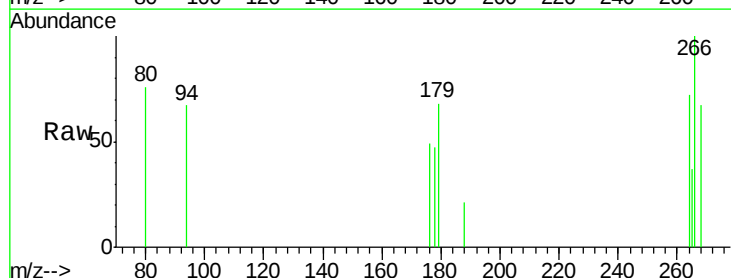
Tgt Ion:266 Resp: 802

Ion Ratio Lower Upper

266 100

264 64.0 51.8 77.8

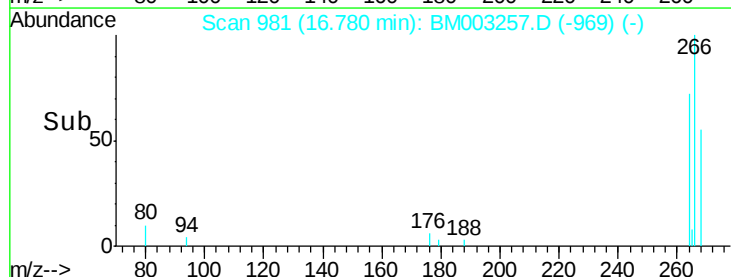
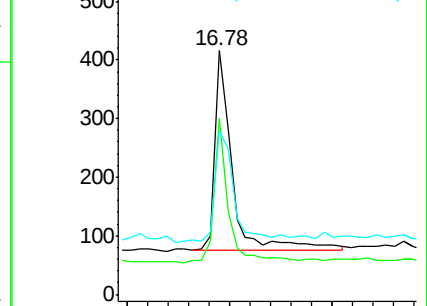
268 63.2 46.8 70.2

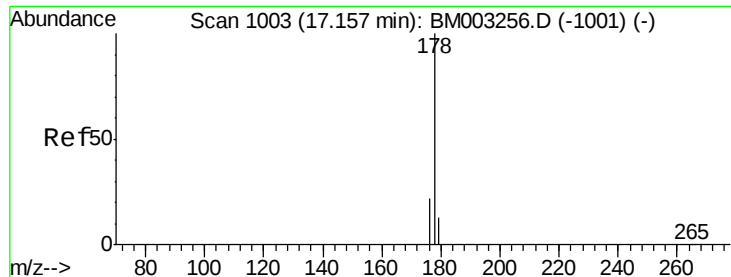


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#14

Phenanthrene

Concen: 0.00 ng/ul

RT: 17.23 min Scan# 1007

Delta R.T. 0.07 min

Lab File: BM003257.D

Acq: 21 Nov 2015 20:30

Instrument :

BNA_M

ClientSampleId :

A4J59

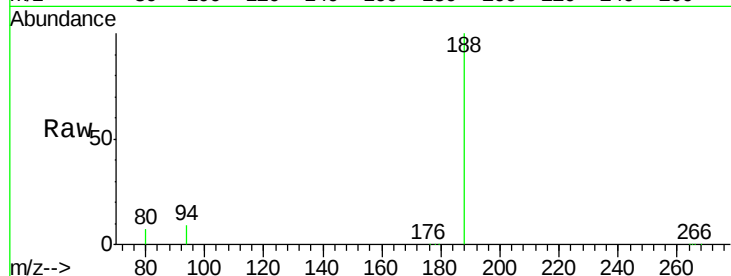
Tgt Ion:178 Resp: 2906

Ion Ratio Lower Upper

178 100

176 14.8 13.0 19.4

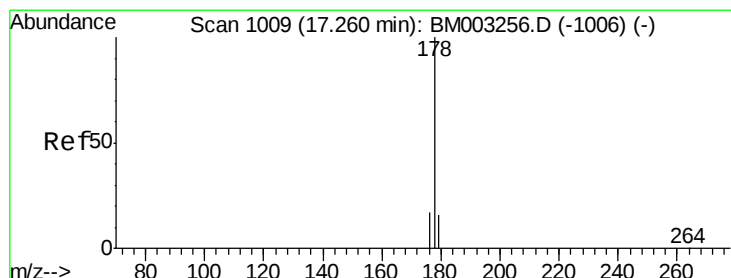
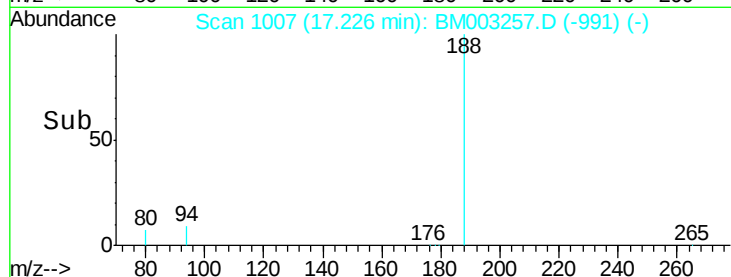
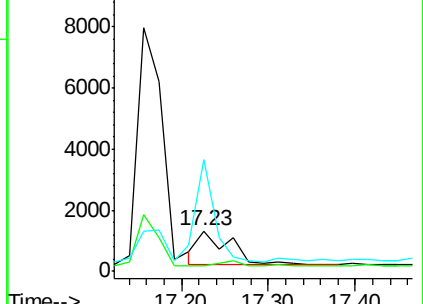
179 276.5 14.2 21.2#



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: 0.00 ng/ul

RT: 17.23 min Scan# 1007

Delta R.T. -0.03 min

Lab File: BM003257.D

Acq: 21 Nov 2015 20:30

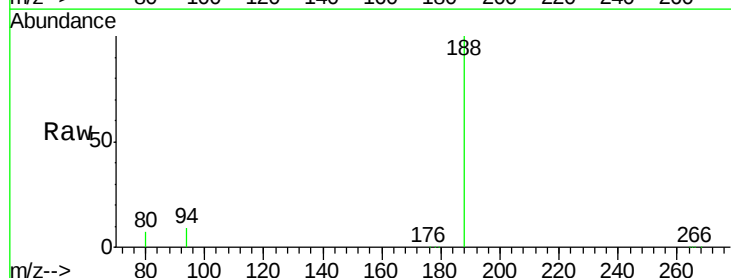
Tgt Ion:178 Resp: 2783

Ion Ratio Lower Upper

178 100

176 14.8 14.0 21.0

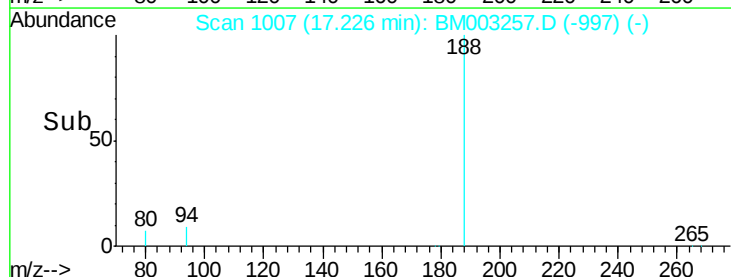
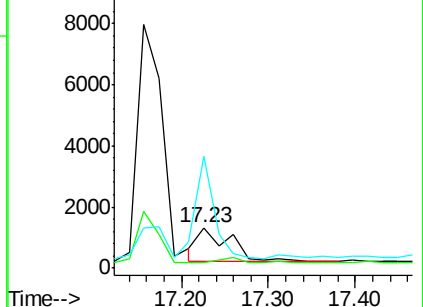
179 276.5 12.9 19.3#

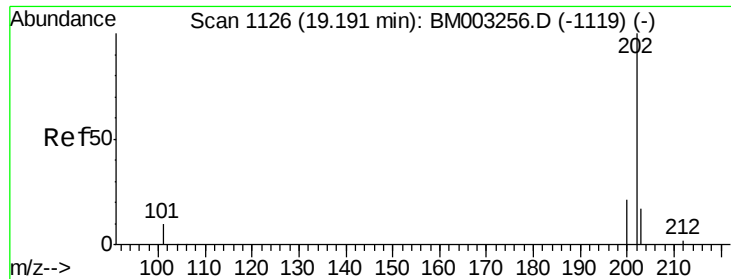


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

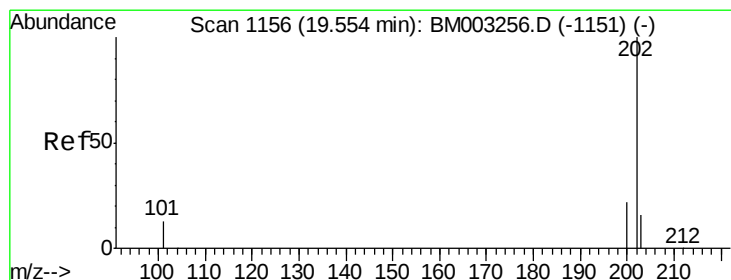
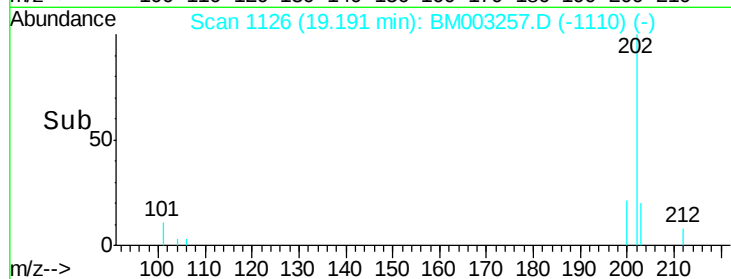
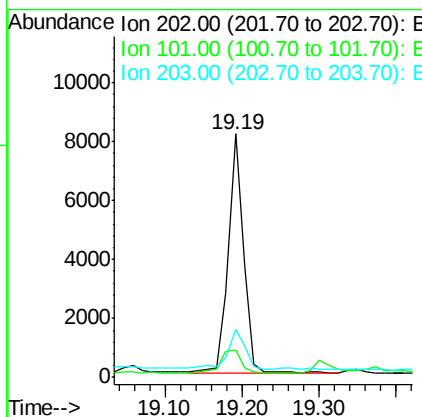
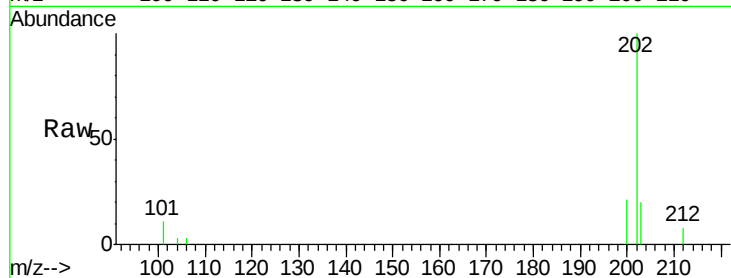




#17
Fluoranthene
Concen: 0.00 ng/ul
RT: 19.19 min Scan# 1126
Delta R.T. -0.00 min
Lab File: BM003257.D
Acq: 21 Nov 2015 20:30

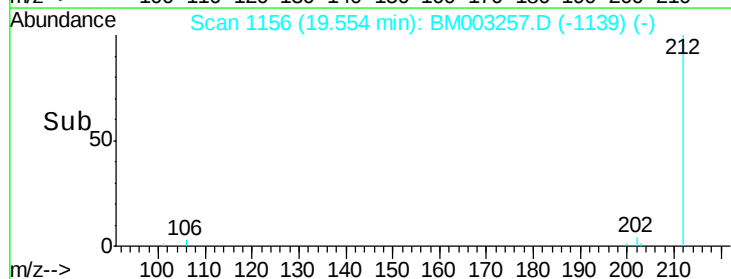
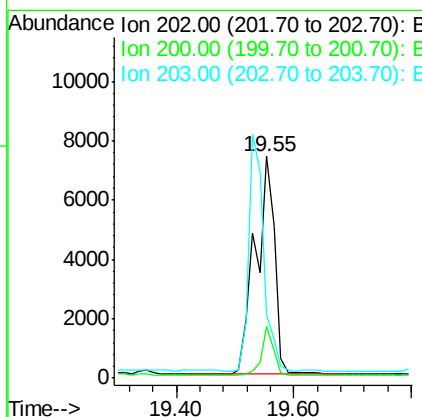
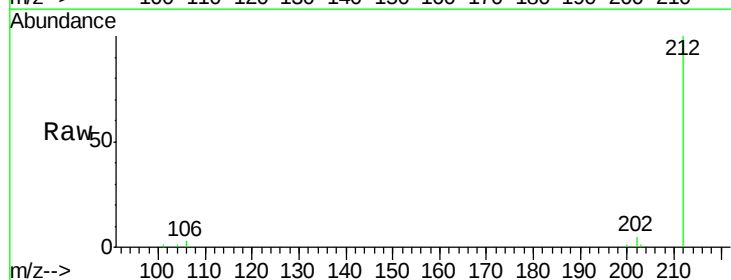
Instrument :
BNA_M
ClientSampleId :
A4J59

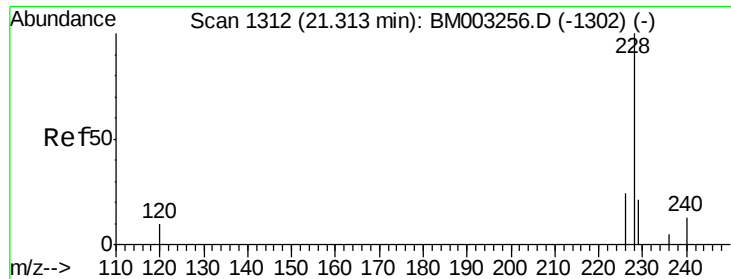
Tgt Ion:202 Resp: 11075
Ion Ratio Lower Upper
202 100
101 11.1 0.0 29.6
203 19.8 0.0 36.3



#19
Pyrene
Concen: 0.08 ng/ul
RT: 19.55 min Scan# 1156
Delta R.T. -0.00 min
Lab File: BM003257.D
Acq: 21 Nov 2015 20:30

Tgt Ion:202 Resp: 16934
Ion Ratio Lower Upper
202 100
200 23.3 17.8 26.8
203 28.5 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: BM003257.D

Acq: 21 Nov 2015 20:30

Instrument :

BNA_M

ClientSampleId :

A4J59

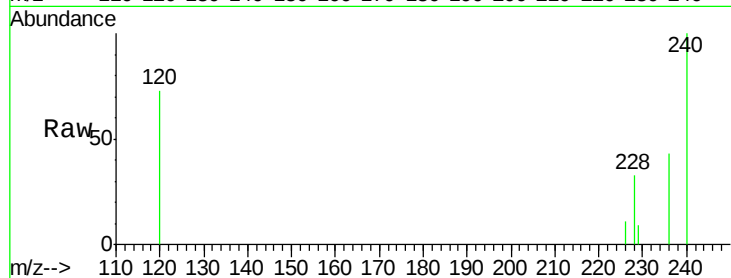
Tgt Ion:228 Resp: 4028

Ion Ratio Lower Upper

228 100

226 31.7 18.8 28.2#

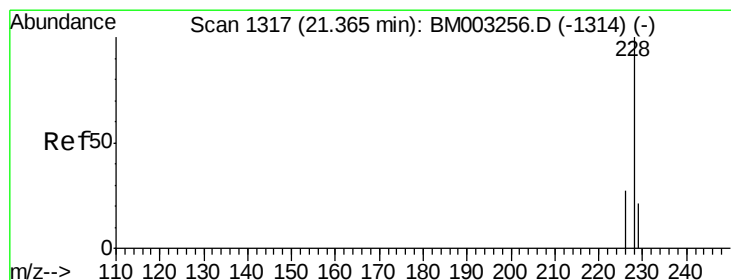
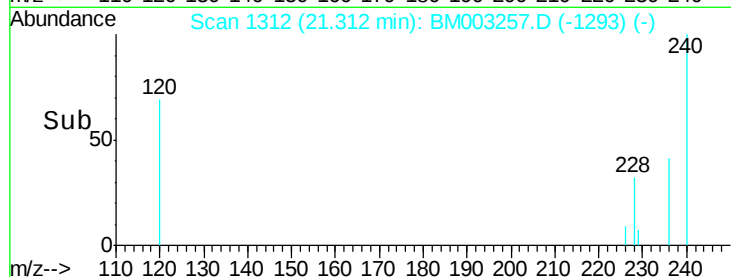
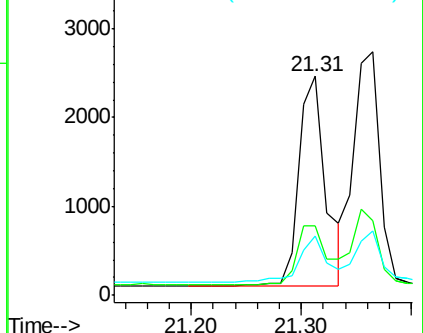
229 27.3 17.1 25.7#



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: 0.02 ng/ul

RT: 21.36 min Scan# 1317

Delta R.T. -0.00 min

Lab File: BM003257.D

Acq: 21 Nov 2015 20:30

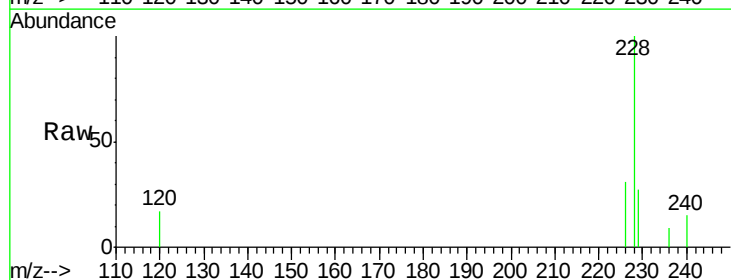
Tgt Ion:228 Resp: 4284

Ion Ratio Lower Upper

228 100

226 30.5 21.2 31.8

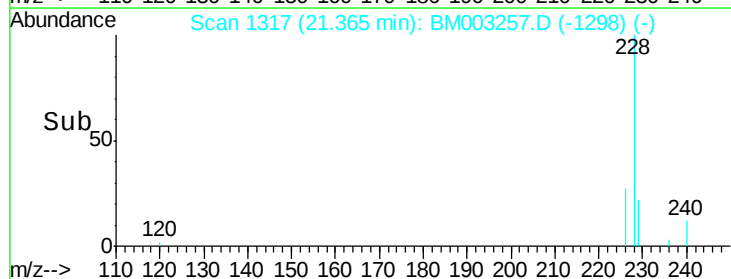
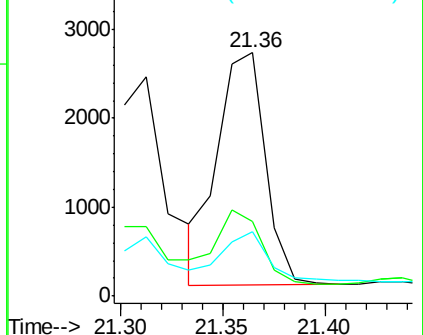
229 26.6 17.0 25.6#

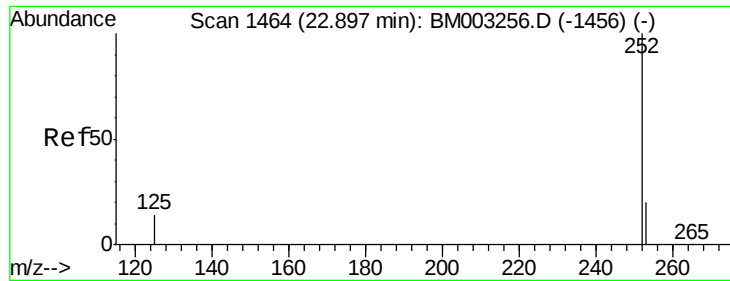


Abundance Ion 228.00 (227.70 to 228.70): E

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: 22.91 min Scan# 1465

Delta R.T. 0.01 min

Lab File: BM003257.D

Acq: 21 Nov 2015 20:30

Instrument :

BNA_M

ClientSampleId :

A4J59

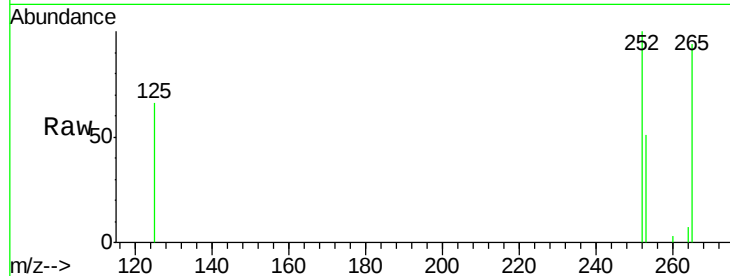
Tgt Ion:252 Resp: 4828

Ion Ratio Lower Upper

252 100

253 50.8 0.0 45.4#

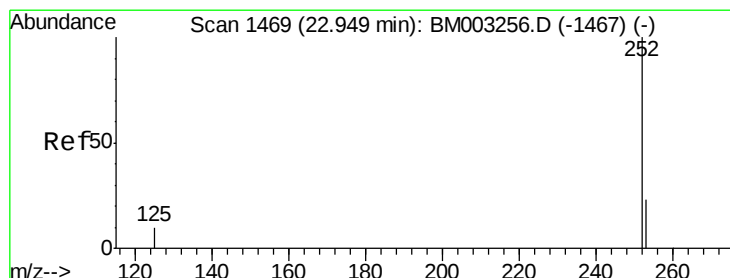
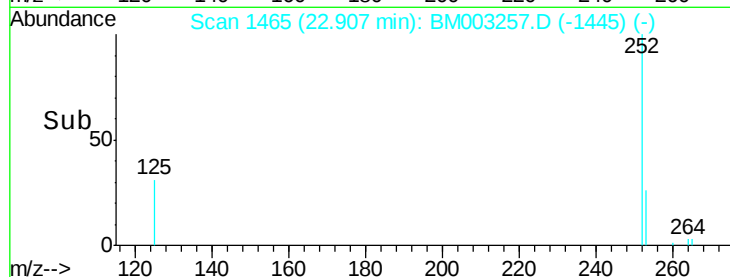
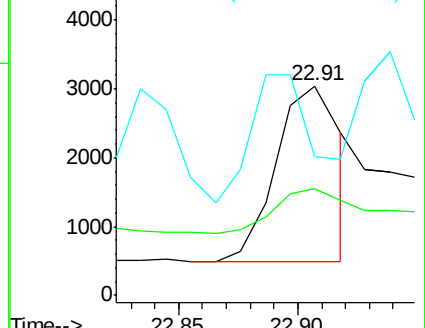
125 66.1 0.0 28.8#



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: 0.00 ng/u1

RT: 22.91 min Scan# 1465

Delta R.T. -0.04 min

Lab File: BM003257.D

Acq: 21 Nov 2015 20:30

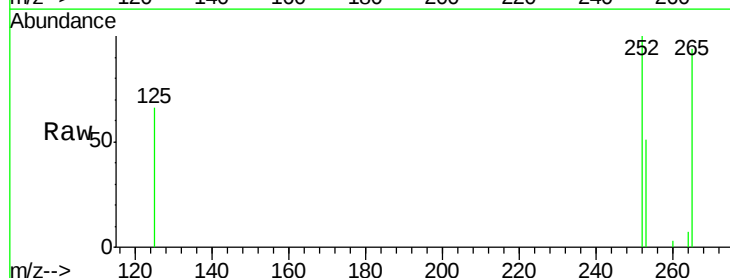
Tgt Ion:252 Resp: 7779

Ion Ratio Lower Upper

252 100

253 50.8 19.8 29.8#

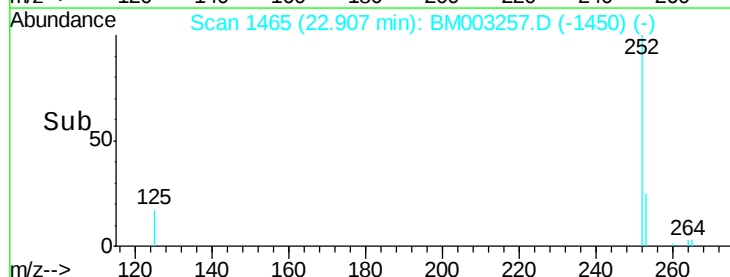
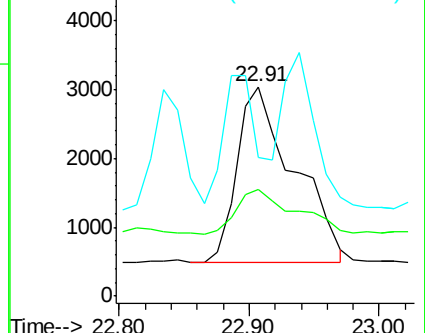
125 66.1 10.4 15.6#

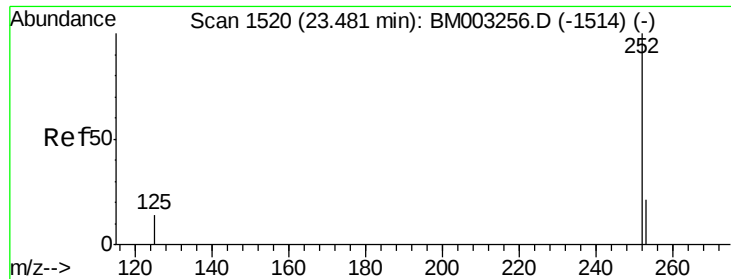


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#25

Benzo(a)pyrene

Concen: 0.00 ng/u1

RT: 23.39 min Scan# 1511

Delta R.T. -0.09 min

Lab File: BM003257.D

Acq: 21 Nov 2015 20:30

Instrument :

BNA_M

ClientSampleId :

A4J59

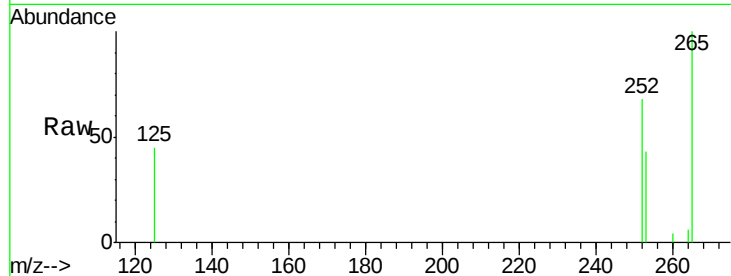
Tgt Ion:252 Resp: 2877

Ion Ratio Lower Upper

252 100

253 62.9 19.4 29.2#

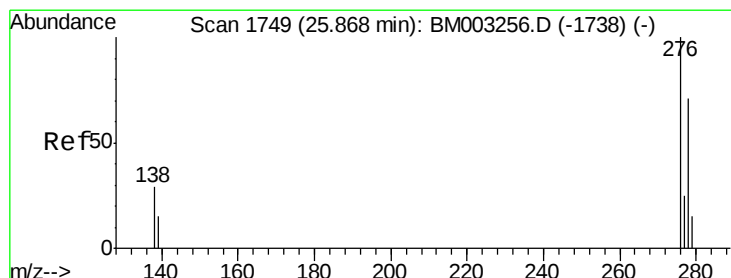
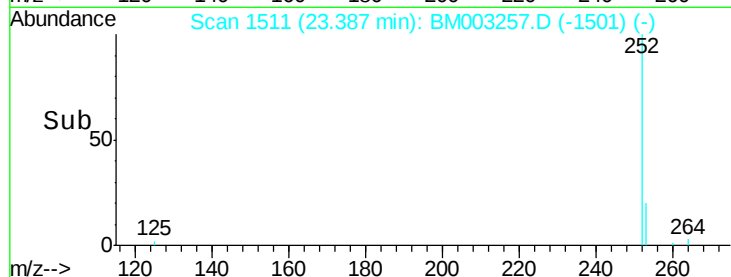
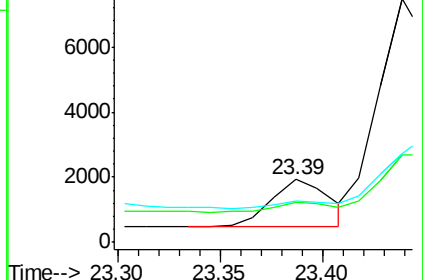
125 65.5 12.7 19.1#



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/u1

RT: 25.62 min Scan# 1725

Delta R.T. -0.25 min

Lab File: BM003257.D

Acq: 21 Nov 2015 20:30

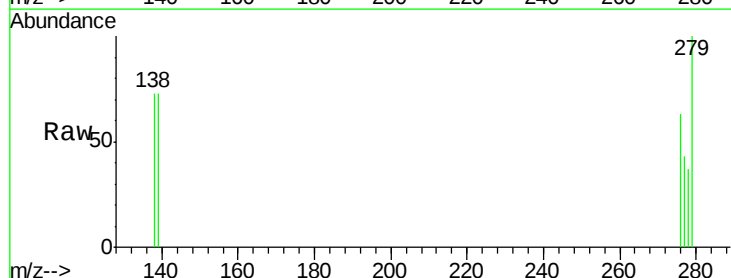
Tgt Ion:276 Resp: 288

Ion Ratio Lower Upper

276 100

138 34.7 16.3 24.5#

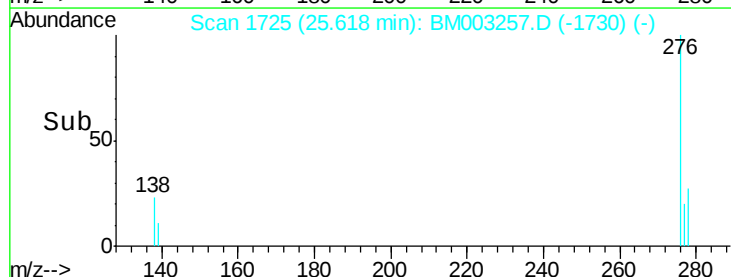
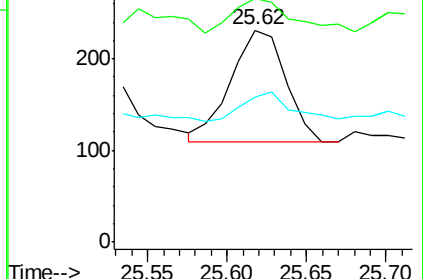
277 23.3 19.8 29.8

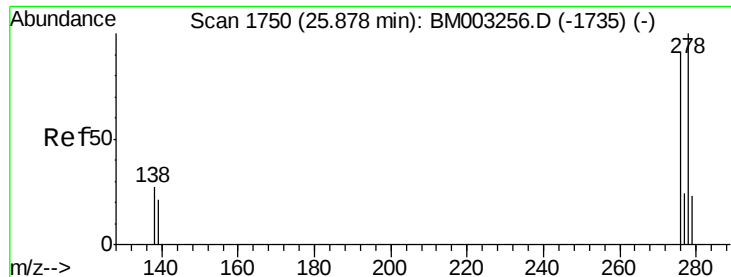


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#27

Dibenzo(a,h)anthracene

Concen: 0.00 ng/ul

RT: 25.72 min Scan# 1735

Delta R.T. -0.16 min

Lab File: BM003257.D

Acq: 21 Nov 2015 20:30

Instrument :

BNA_M

ClientSampleId :

A4J59

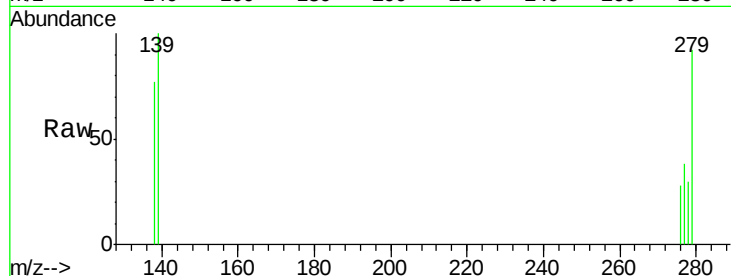
Tgt Ion: 278 Resp: 28

Ion Ratio Lower Upper

278 100

139 330.6 16.4 24.6#

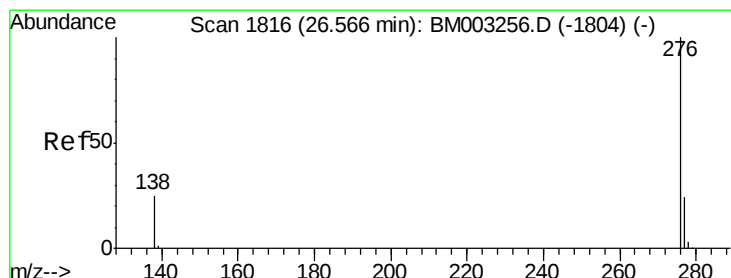
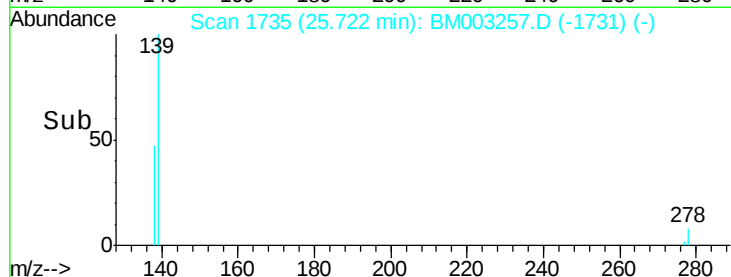
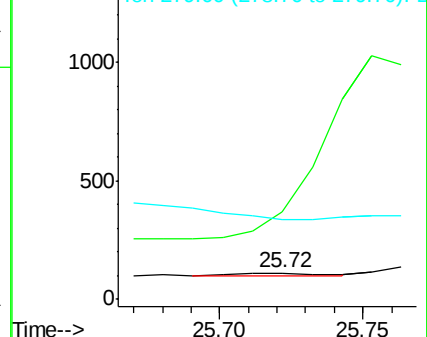
279 304.5 20.2 30.2#



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: 26.41 min Scan# 1801

Delta R.T. -0.16 min

Lab File: BM003257.D

Acq: 21 Nov 2015 20:30

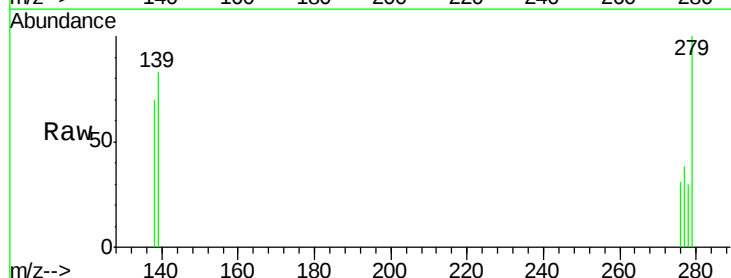
Tgt Ion: 276 Resp: 60

Ion Ratio Lower Upper

276 100

277 123.4 18.9 28.3#

138 225.2 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

