

Data Path : Z:\HPCHEM1\BNA M\DATA\BM123115\
 Data File : BM003860.D
 Acq On : 29 Dec 2015 21:45
 Operator : SJ/UM
 Sample : G4848-20
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9N67

Quant Time: Dec 30 03:34:21 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM121515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 30 03:30:26 2015
 Response via : Initial Calibration

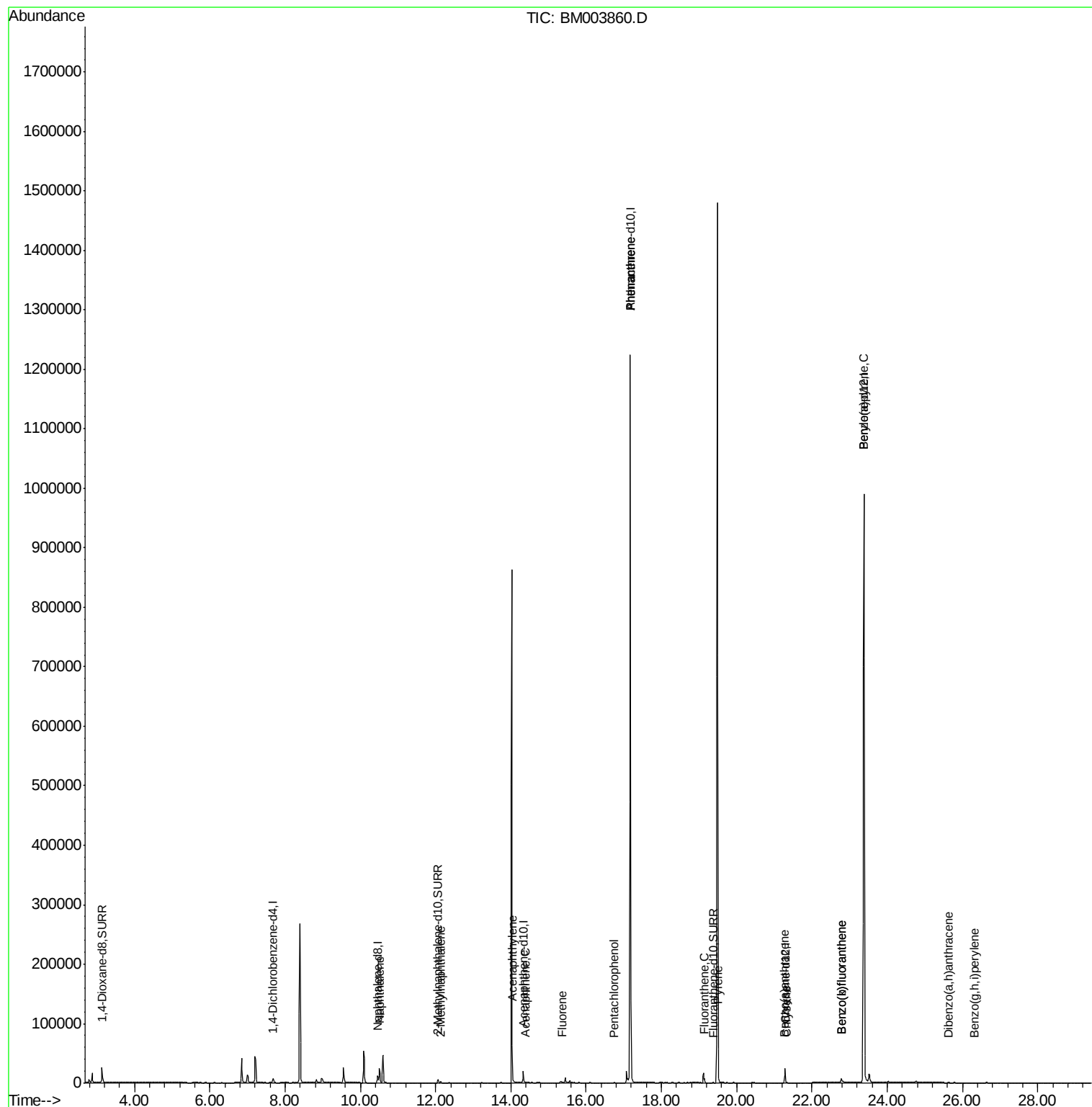
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	4015	0.40	ng/ul	0.00
4) Naphthalene-d8	10.46	136	17706	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.33	164	11055	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.18	188	151592	0.40	ng/ul	0.10
18) Chrysene-d12	21.28	240	23297	0.40	ng/ul	0.00
22) Perylene-d12	23.38	264	1288148	0.40	ng/ul	-0.15
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.14	96	19504	11.37	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.06	152	7831	0.37	ng/ul	-0.01
16) Fluoranthene-d10	19.37	212	870	0.00	ng/ul	0.25
Target Compounds				Ovalue		
5) Naphthalene	10.51	128	34248	0.86	ng/ul	98
7) 2-Methylnaphthalene	12.13	142	1837	0.07	ng/ul	99
9) Acenaphthylene	14.04	152	283	0.01	ng/ul#	35
10) Acenaphthene	14.38	153	998	0.03	ng/ul#	81
11) Fluorene	15.38	166	1272	0.03	ng/ul#	72
13) Pentachlorophenol	16.75	266	123	0.00	ng/ul#	77
14) Phenanthrene	17.18	178	984	0.00	ng/ul#	1
15) Anthracene	17.18	178	987	0.00	ng/ul#	1
17) Fluoranthene	19.14	202	5857	0.00	ng/ul	96
19) Pyrene	19.51	202	6697	0.11	ng/ul#	89
20) Benzo(a)anthracene	21.26	228	1147	0.02	ng/ul#	83
21) Chrysene	21.31	228	984	0.02	ng/ul#	82
23) Benzo(b)fluoranthene	22.78	252	37	0.00	ng/ul#	1
24) Benzo(k)fluoranthene	22.78	252	37	0.00	ng/ul#	1
25) Benzo(a)pyrene	23.38	252	5415	0.00	ng/ul#	26
27) Dibenzo(a,h)anthracene	25.63	278	1010	0.00	ng/ul#	1
28) Benzo(g,h,i)perylene	26.31	276	14	0.00	ng/ul#	1

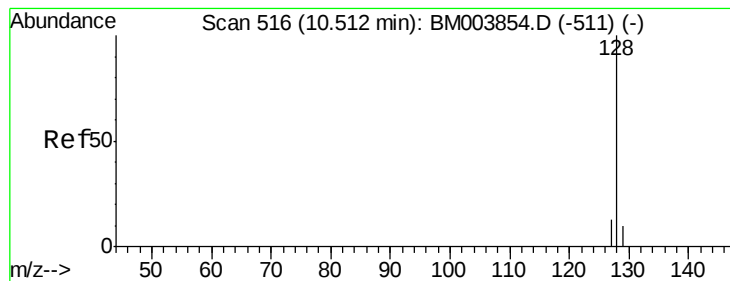
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Dec 30 03:30:26 2015
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#5

Naphthalene

Concen: 0.86 ng/ul

RT: 10.51 min Scan# 516

Delta R.T. -0.00 min

Lab File: BM003860.D

Acq: 29 Dec 2015 21:45

Instrument :

BNA_M

ClientSampleId :

D9N67

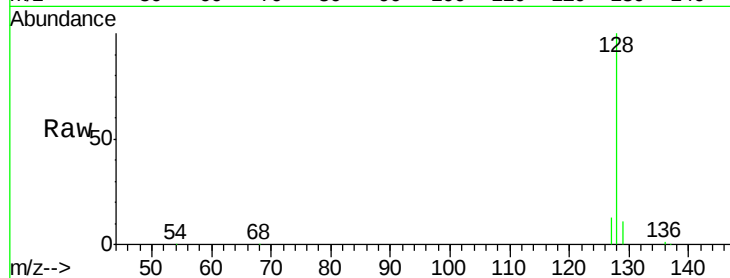
Tot Ion:128 Resp: 34248

Ion Ratio Lower Upper

128 100

129 11.0 9.0 13.6

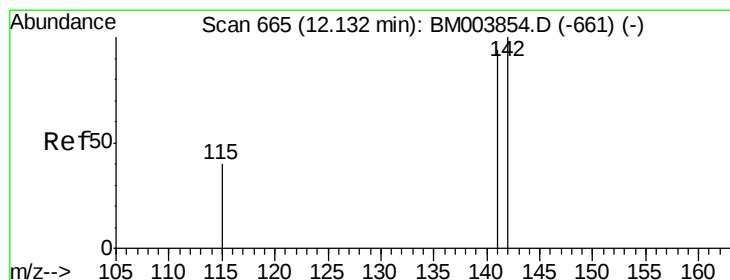
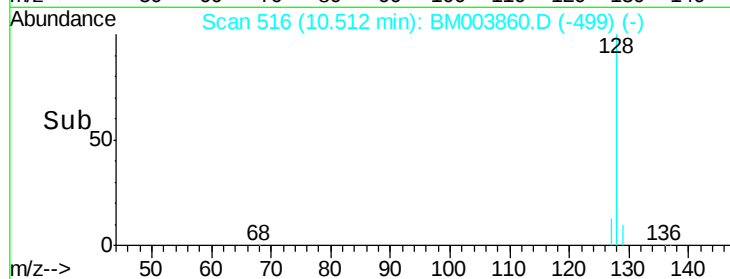
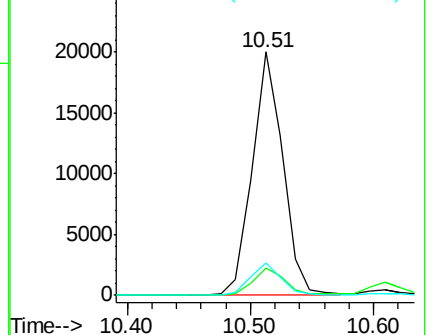
127 13.3 9.6 14.4



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: 0.07 ng/ul

RT: 12.13 min Scan# 665

Delta R.T. -0.00 min

Lab File: BM003860.D

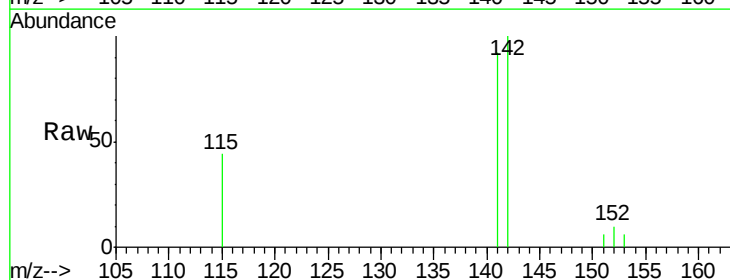
Acq: 29 Dec 2015 21:45

Tgt Ion:142 Resp: 1837

Ion Ratio Lower Upper

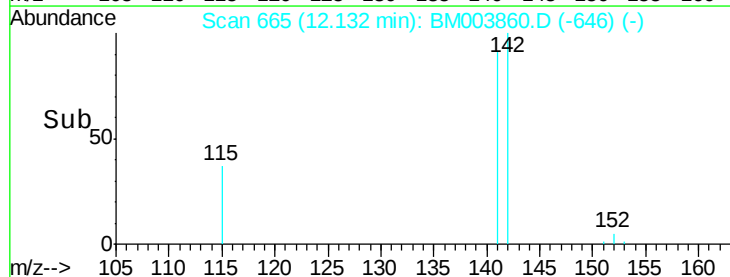
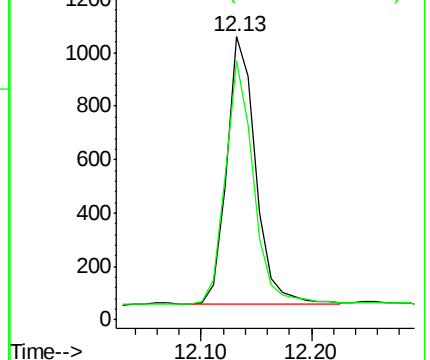
142 100

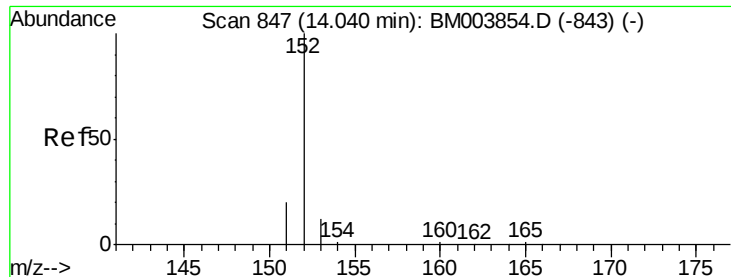
141 88.5 70.3 105.5



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: 14.04 min Scan# 847

Delta R.T. -0.00 min

Lab File: BM003860.D

Acq: 29 Dec 2015 21:45

Instrument :

BNA_M

ClientSampleId :

D9N67

Tot Ion:152 Resp: 283

Ion Ratio Lower Upper

152 100

151 47.2 17.6 26.4#

153 45.6 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

14.04

200

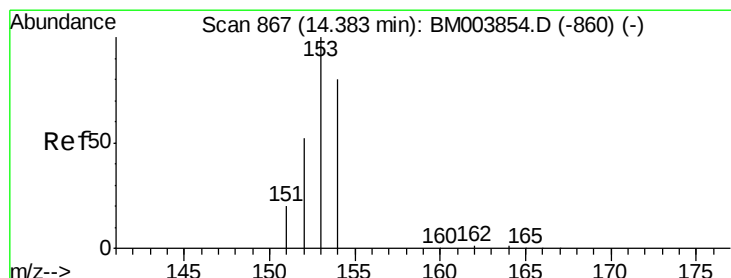
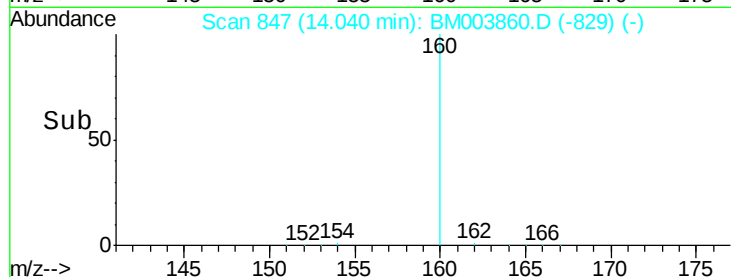
150

100

50

0

Time-->



#10

Acenaphthene

Concen: 0.03 ng/ul

RT: 14.38 min Scan# 867

Delta R.T. -0.00 min

Lab File: BM003860.D

Acq: 29 Dec 2015 21:45

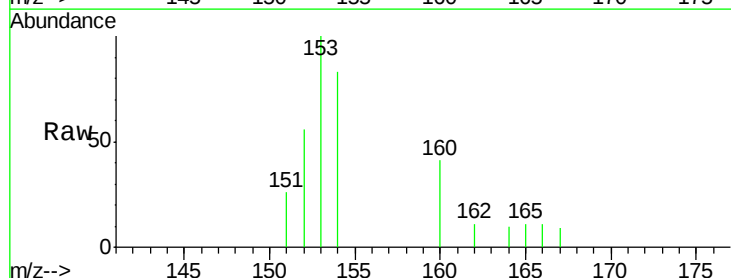
Tgt Ion:153 Resp: 998

Ion Ratio Lower Upper

153 100

152 55.9 33.9 50.9#

154 82.9 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

14.38

1000

800

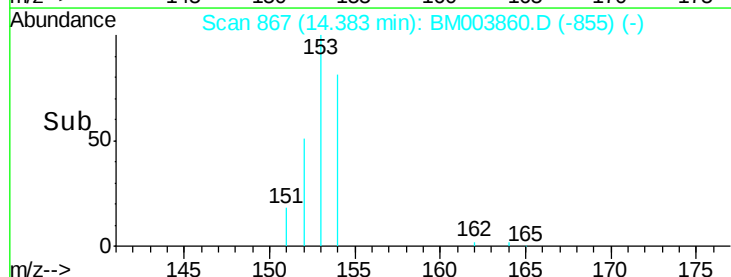
600

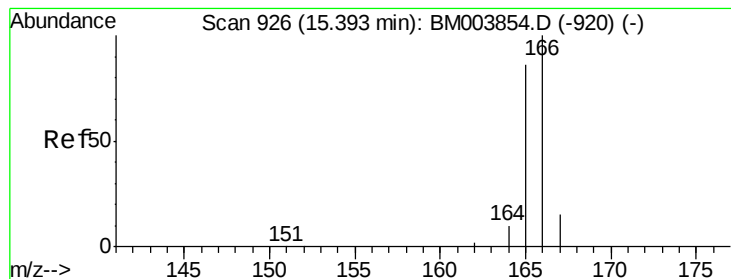
400

200

0

Time-->





#11

Fluorene

Concen: 0.03 ng/ul

RT: 15.38 min Scan# 925

Delta R.T. -0.02 min

Lab File: BM003860.D

Acq: 29 Dec 2015 21:45

Instrument :

BNA_M

ClientSampleId :

D9N67

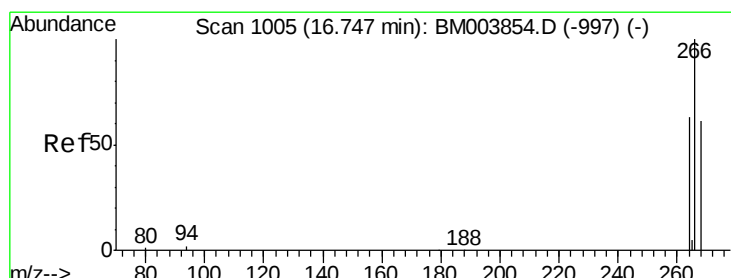
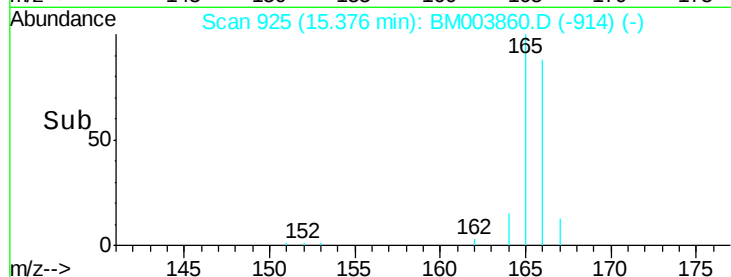
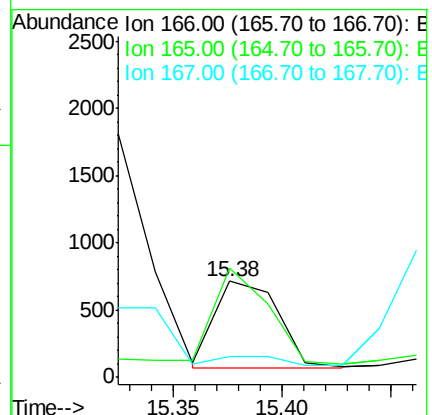
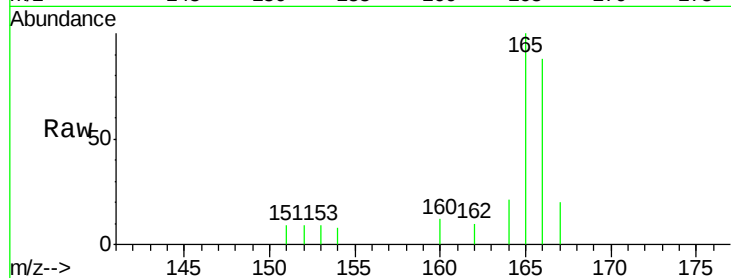
Tot Ion:166 Resp: 1272

Ion Ratio Lower Upper

166 100

165 114.0 69.6 104.4#

167 22.4 11.9 17.9#



#13

Pentachlorophenol

Concen: 0.00 ng/ul

RT: 16.75 min Scan# 1005

Delta R.T. -0.00 min

Lab File: BM003860.D

Acq: 29 Dec 2015 21:45

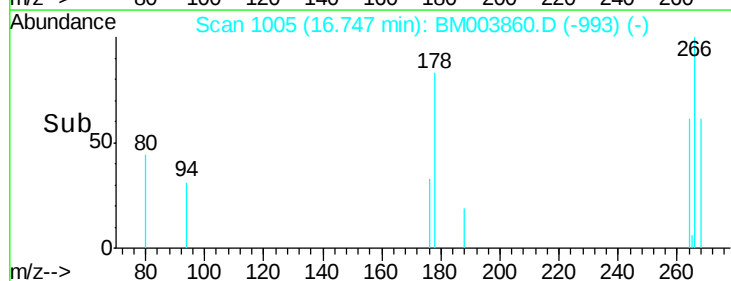
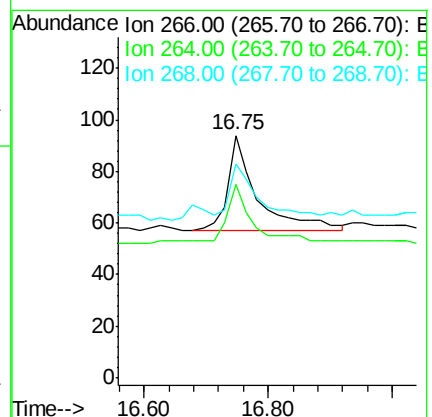
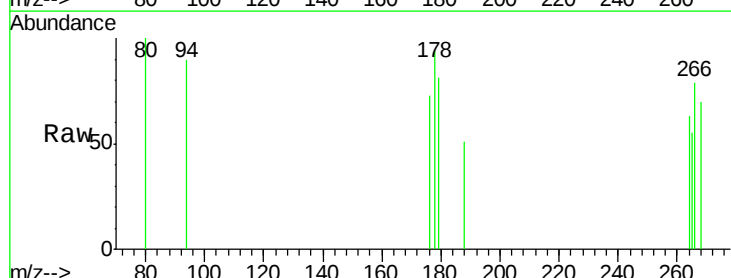
Tgt Ion:266 Resp: 123

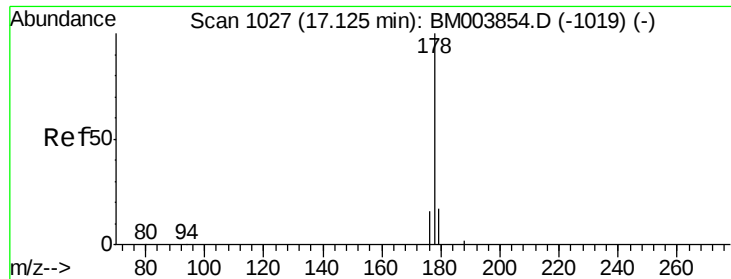
Ion Ratio Lower Upper

266 100

264 44.7 51.8 77.8#

268 43.9 46.8 70.2#





#14

Phenanthrene

Concen: 0.00 ng/ul

RT: 17.18 min Scan# 1030

Delta R.T. 0.05 min

Lab File: BM003860.D

Acq: 29 Dec 2015 21:45

Instrument :

BNA_M

ClientSampleId :

D9N67

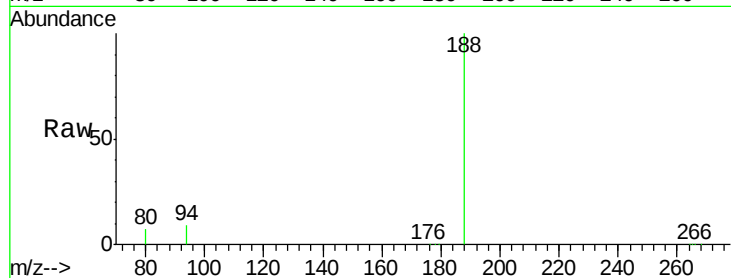
Tot Ion:178 Resp: 984

Ion Ratio Lower Upper

178 100

176 15.7 13.0 19.4

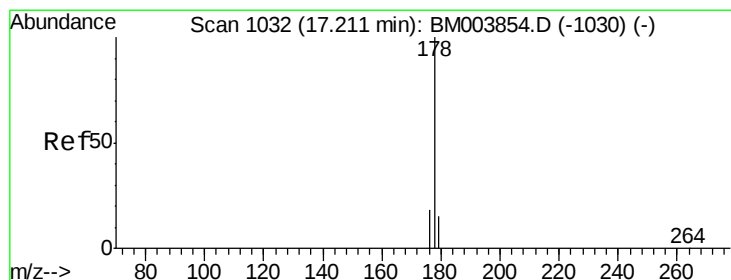
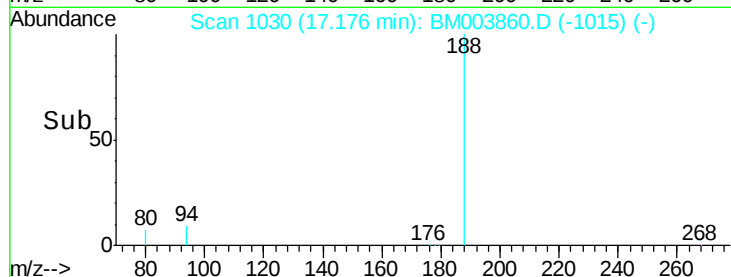
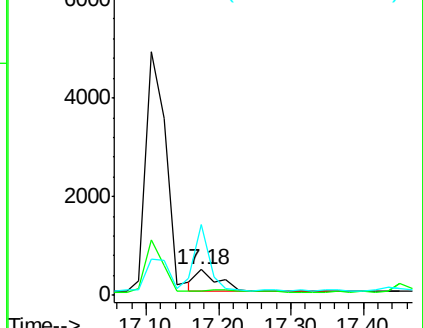
179 275.4 14.2 21.2#



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: 17.18 min Scan# 1030

Delta R.T. -0.03 min

Lab File: BM003860.D

Acq: 29 Dec 2015 21:45

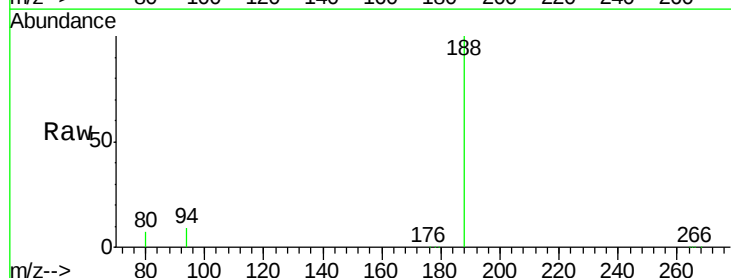
Tgt Ion:178 Resp: 987

Ion Ratio Lower Upper

178 100

176 15.7 14.0 21.0

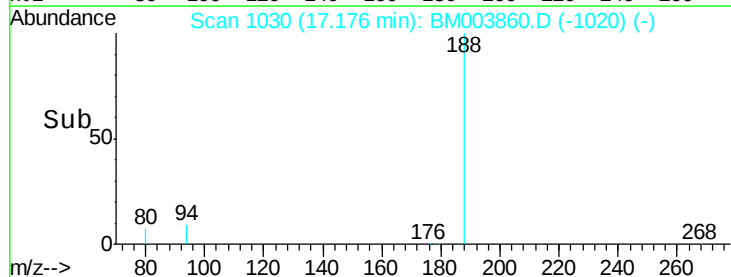
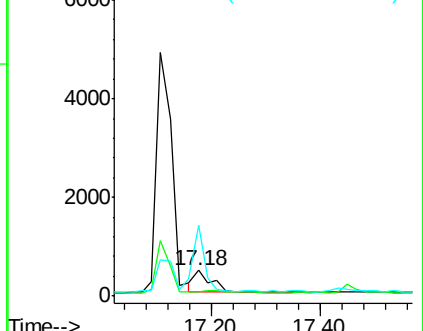
179 275.4 12.9 19.3#

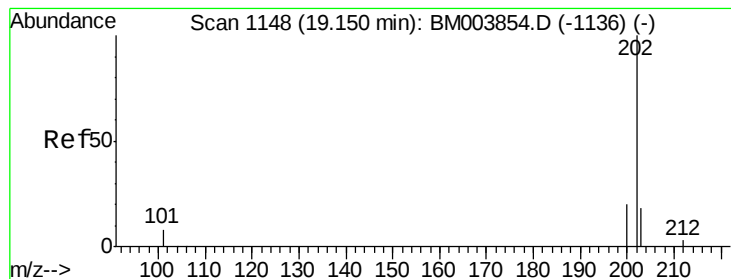


Abundance Ion 178.00 (177.70 to 178.70): E

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: 19.14 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BM003860.D

Acq: 29 Dec 2015 21:45

Instrument :

BNA_M

ClientSampleId :

D9N67

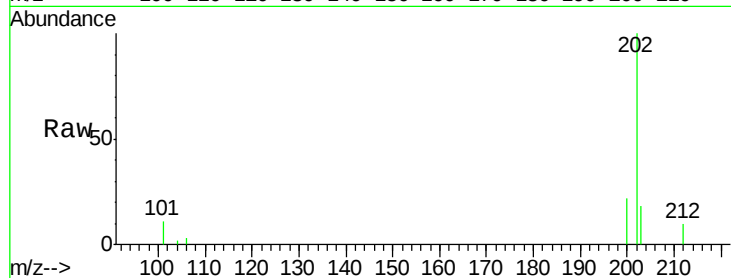
Tot Ion:202 Resp: 5857

Ion Ratio Lower Upper

202 100

101 11.0 0.0 29.6

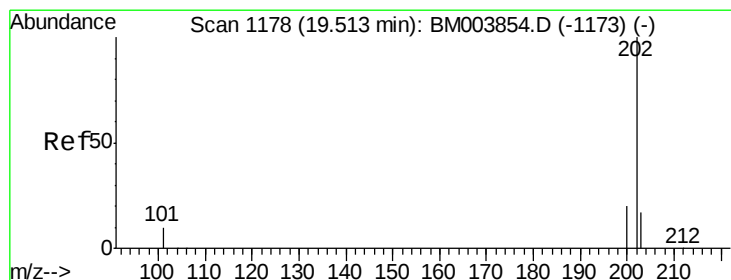
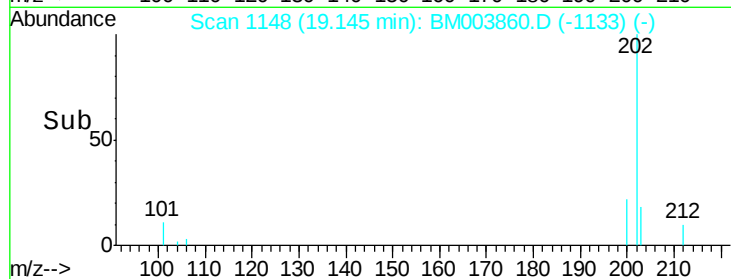
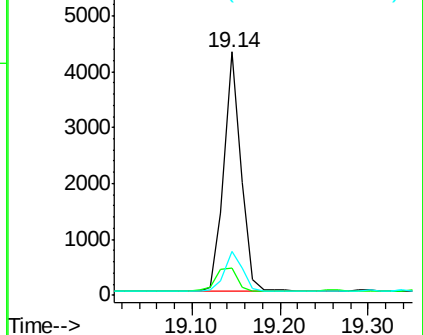
203 18.1 0.0 36.3



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: 0.11 ng/ul

RT: 19.51 min Scan# 1178

Delta R.T. -0.01 min

Lab File: BM003860.D

Acq: 29 Dec 2015 21:45

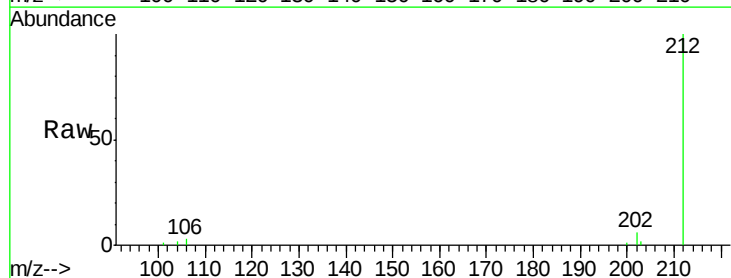
Tgt Ion:202 Resp: 6697

Ion Ratio Lower Upper

202 100

200 23.4 17.8 26.8

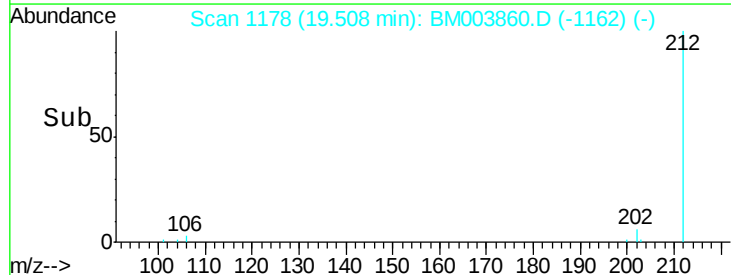
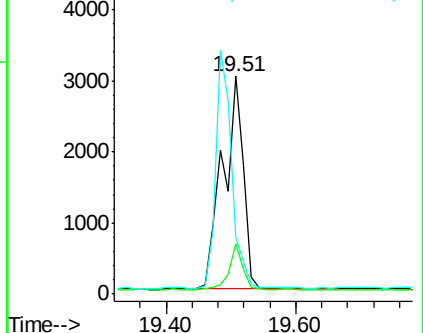
203 26.1 12.8 19.2#

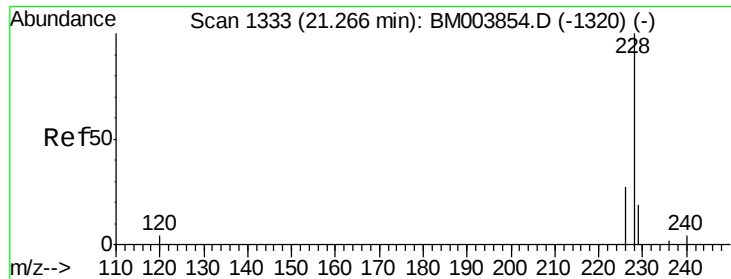


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#20

Benzo(a)anthracene

Concen: 0.02 ng/ul

RT: 21.26 min Scan# 1333

Delta R.T. -0.00 min

Lab File: BM003860.D

Acq: 29 Dec 2015 21:45

Instrument :

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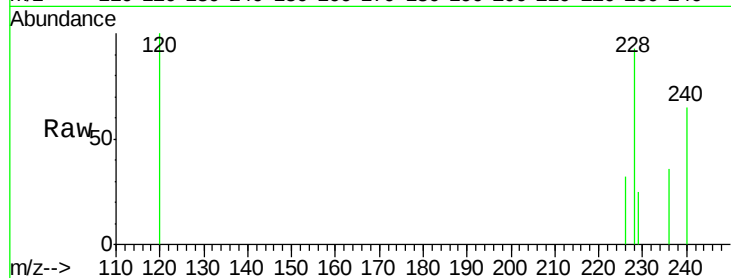
Tot Ion:228 Resp: 1147

Ion Ratio Lower Upper

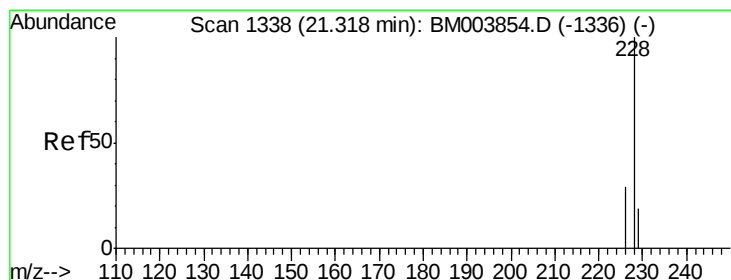
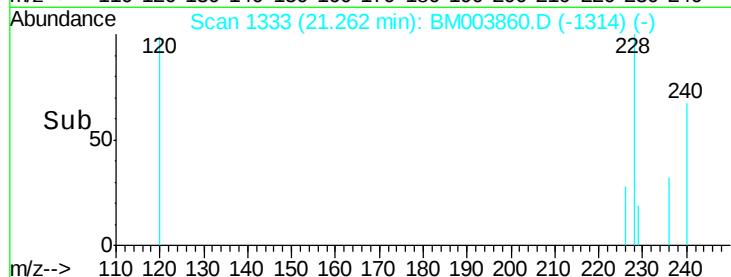
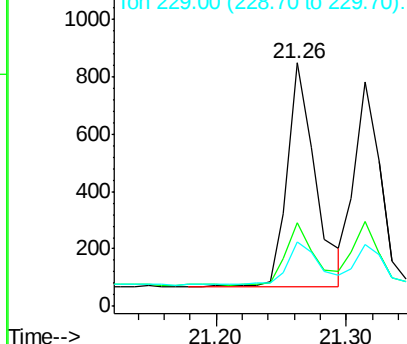
228 100

226 34.6 18.8 28.2#

229 26.7 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: 21.31 min Scan# 1338

Delta R.T. -0.00 min

Lab File: BM003860.D

Acq: 29 Dec 2015 21:45

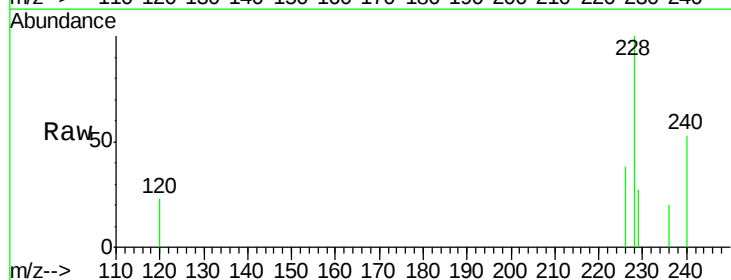
Tgt Ion:228 Resp: 984

Ion Ratio Lower Upper

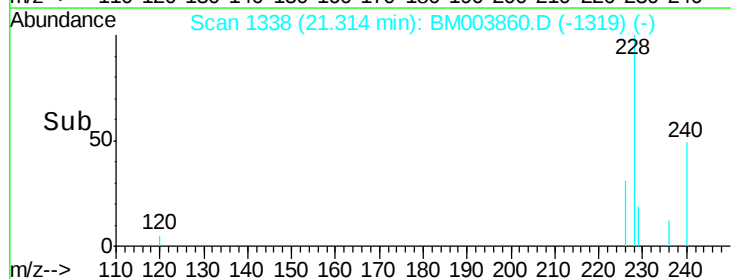
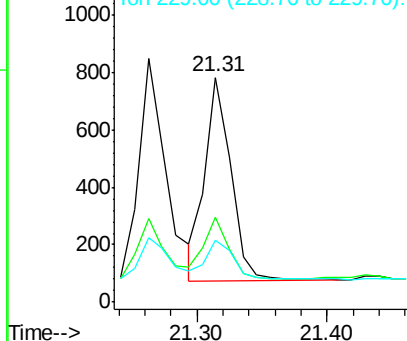
228 100

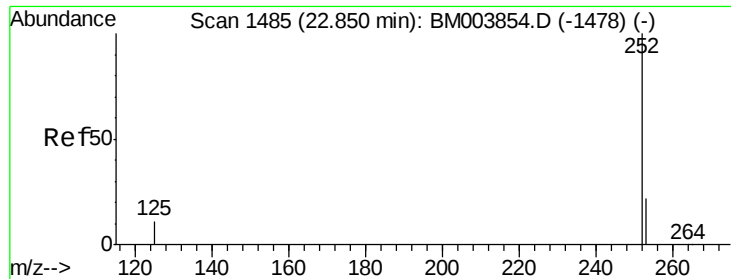
226 37.9 21.2 31.8#

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/ul

RT: 22.78 min Scan# 1479

Delta R.T. -0.07 min

Lab File: BM003860.D

Acq: 29 Dec 2015 21:45

Instrument :

BNA_M

ClientSampleId :

D9N67

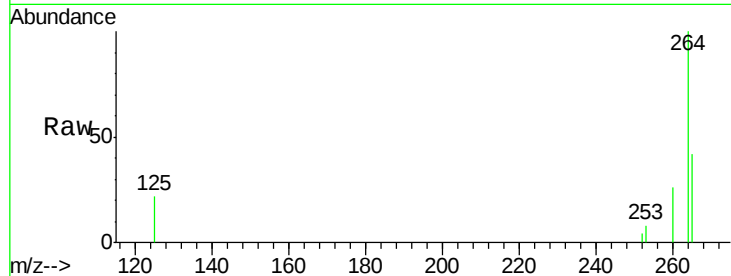
Tot Ion:252 Resp: 37

Ion Ratio Lower Upper

252 100

253 195.8 0.0 45.4#

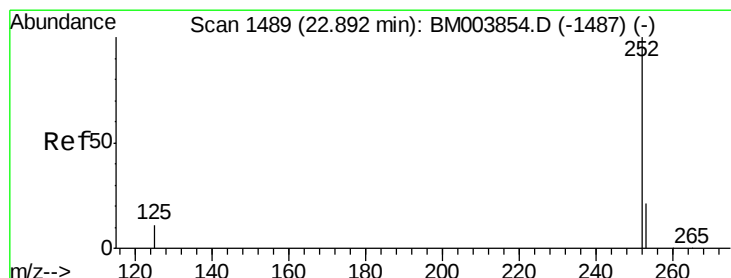
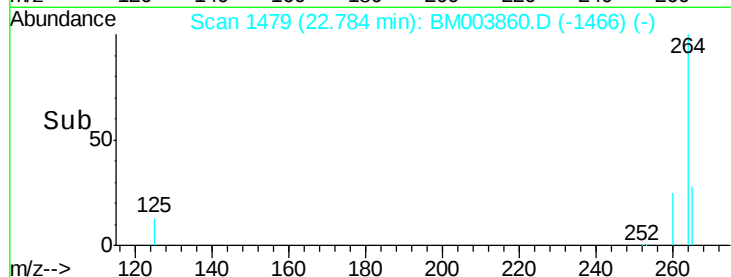
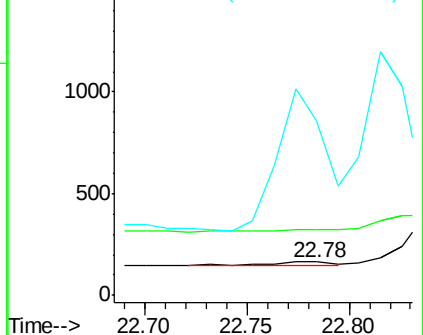
125 519.4 0.0 28.8#



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/ul

RT: 22.78 min Scan# 1479

Delta R.T. -0.11 min

Lab File: BM003860.D

Acq: 29 Dec 2015 21:45

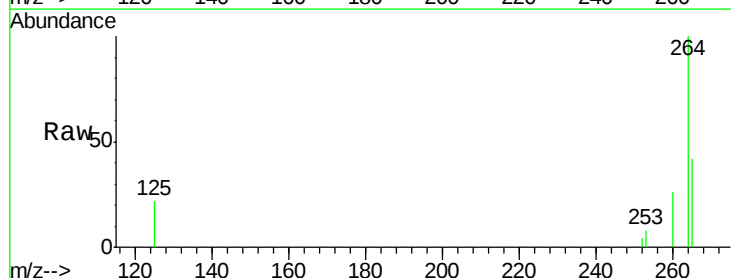
Tgt Ion:252 Resp: 37

Ion Ratio Lower Upper

252 100

253 195.8 19.8 29.8#

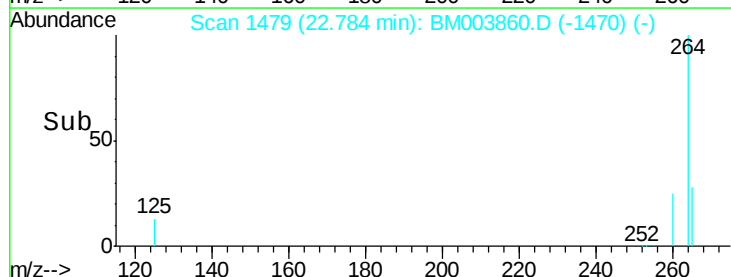
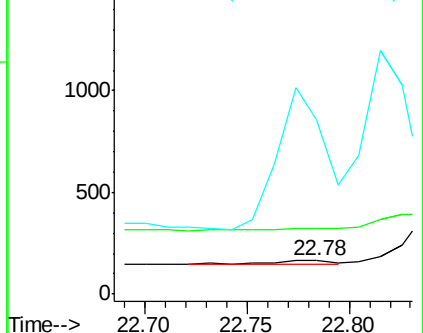
125 519.4 10.4 15.6#

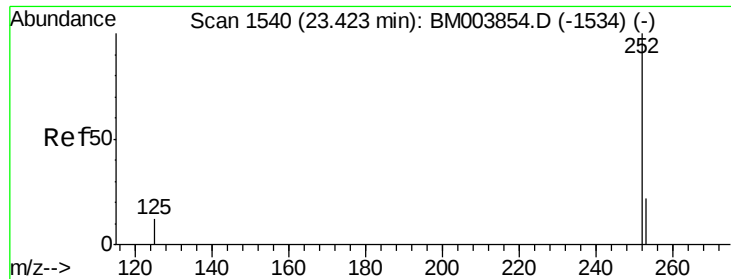


Abundance Ion 252.00 (251.70 to 252.70): E

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/ul

RT: 23.38 min Scan# 1536

Delta R.T. -0.05 min

Lab File: BM003860.D

Acq: 29 Dec 2015 21:45

Instrument :

BNA_M

ClientSampleId :

D9N67

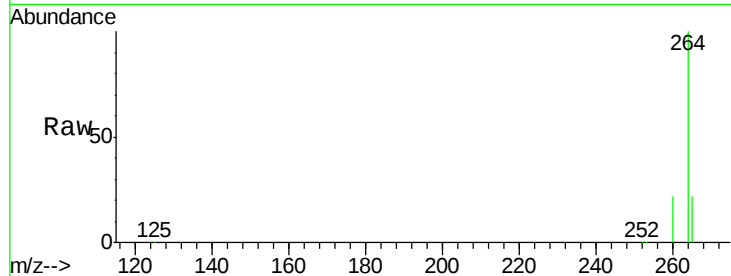
Tot Ion:252 Resp: 5415

Ion Ratio Lower Upper

252 100

253 39.9 19.4 29.2#

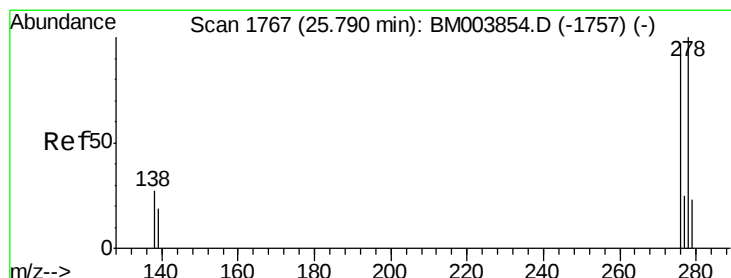
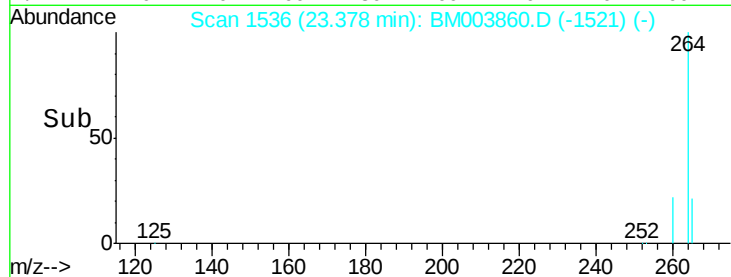
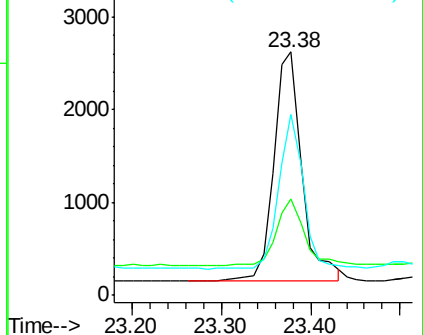
125 74.5 12.7 19.1#



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



#27

Dibenzo(a,h)anthracene

Concen: 0.00 ng/ul

RT: 25.63 min Scan# 1752

Delta R.T. -0.16 min

Lab File: BM003860.D

Acq: 29 Dec 2015 21:45

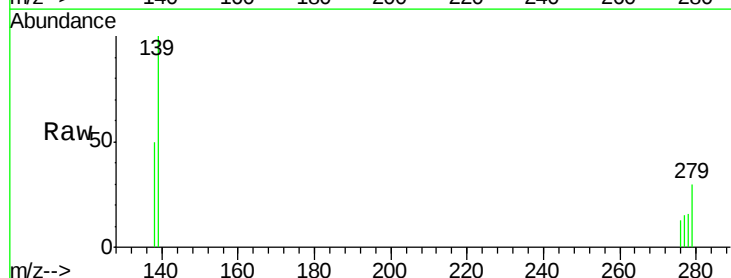
Tgt Ion:278 Resp: 1010

Ion Ratio Lower Upper

278 100

139 612.8 16.4 24.6#

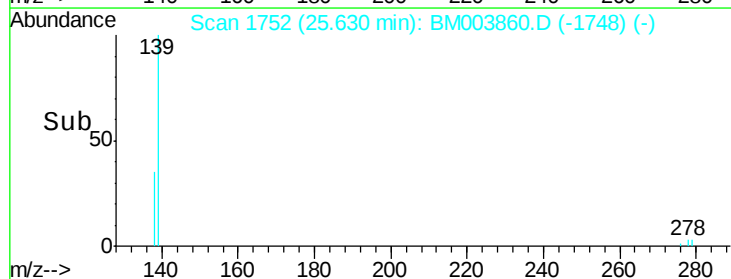
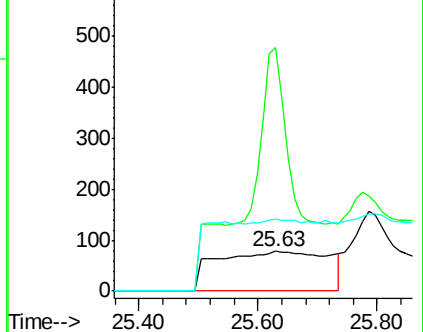
279 182.1 20.2 30.2#

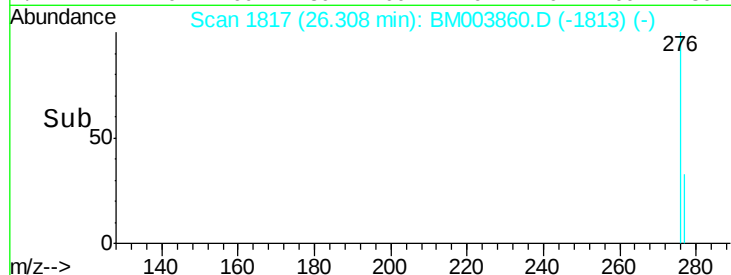
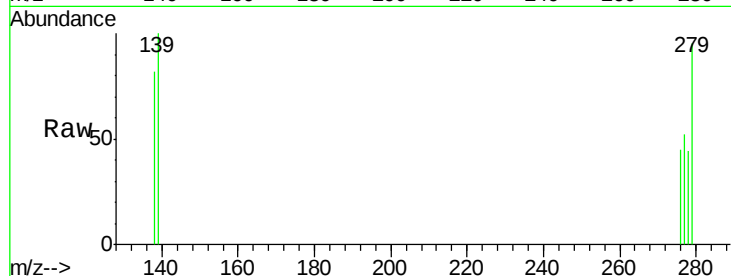
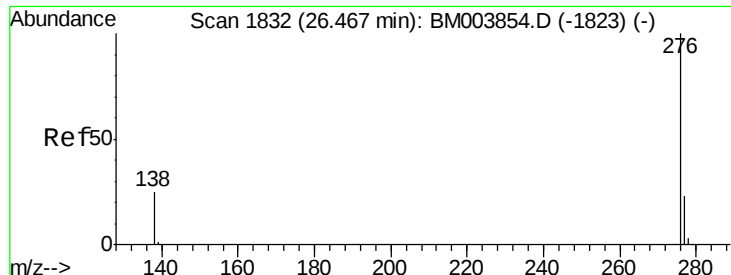


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#28

Benzo(a,h,i)perylene

Concen: 0.00 ng/ul

RT: 26.31 min Scan# 1817

Delta R.T. -0.16 min

Lab File: BM003860.D

Acq: 29 Dec 2015 21:45

Instrument :

BNA_M

ClientSampleId :

D9N67

Tot Ion: 276 Resp: 14

Ion Ratio Lower Upper

276 100

277 115.9 18.9 28.3#

138 182.5 22.5 33.7#

