

Data Path : S:\HPCHEM1\BNA_M\Data\BM061115\
 Data File : BM001645.D
 Acq On : 11 Jun 2015 12:59
 Operator : TP/IZ
 Sample : G2414-08
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 X1T62

Quant Time: Jun 11 15:00:37 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-SIM-BM061115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 11 07:52:35 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	1612	0.40	ng/ul	0.00
4) Naphthalene-d8	10.48	136	6033	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.34	164	2737	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.09	188	5431	0.40	ng/ul	0.00
18) Chrysene-d12	21.27	240	4479	0.40	ng/ul	0.00
22) Perylene-d12	23.52	264	3995	0.40	ng/ul	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
2) 1,4-Dioxane-d8	3.14	96	46	0.00	ng/uL	0.03
6) 2-Methylnaphthalene-d10	12.08	152	1944	0.27	ng/ul	0.00
16) Fluoranthene-d10	19.12	212	3864	0.35	ng/ul	0.00

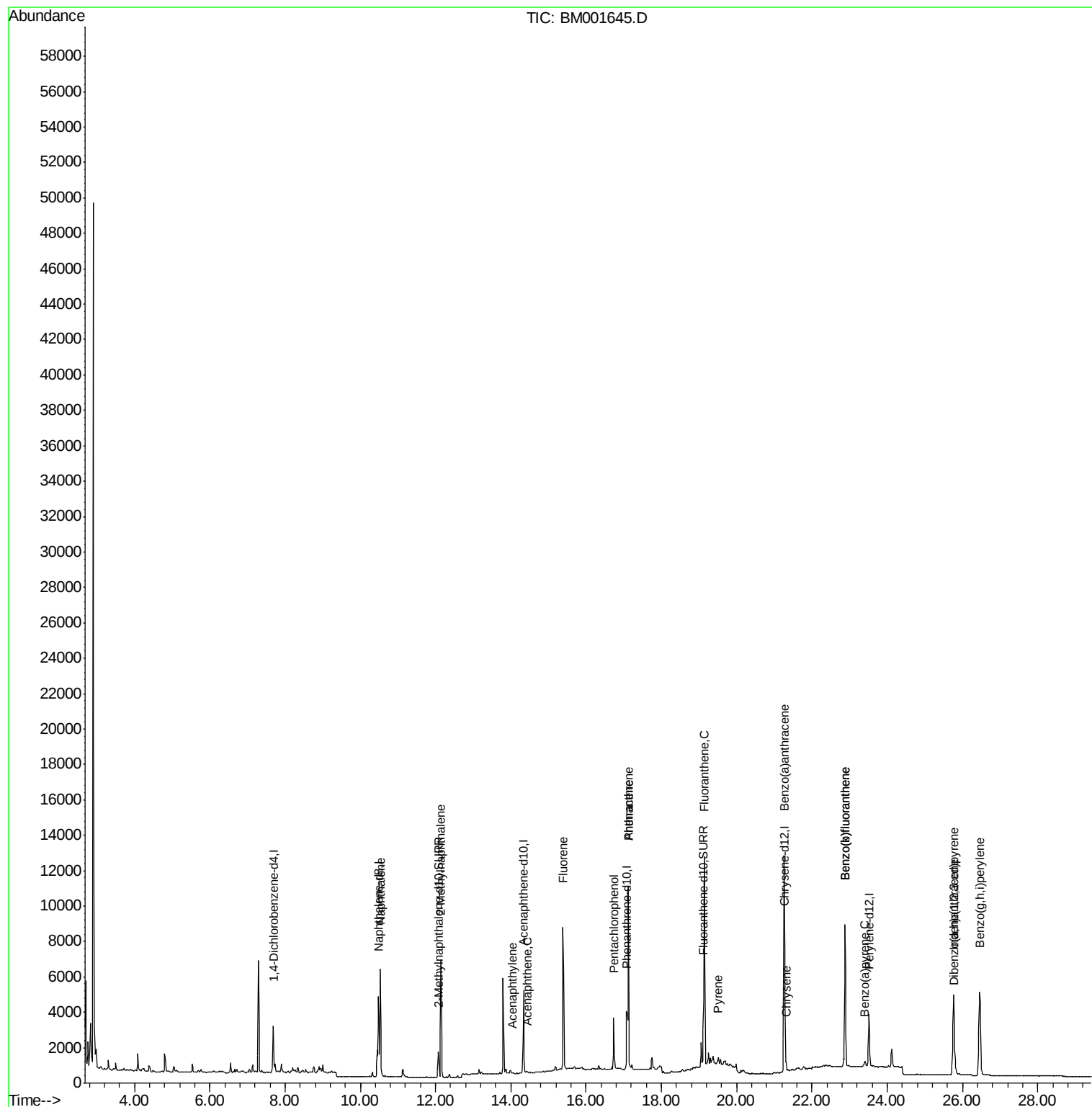
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Naphthalene	10.53	128	8232	0.52	ng/ul	99
7) 2-Methylnaphthalene	12.14	142	5036	0.51	ng/ul	99
9) Acenaphthylene	14.05	152	29	0.00	ng/ul#	1
10) Acenaphthene	14.42	153	55	0.01	ng/ul#	73
11) Fluorene	15.38	166	6966	0.66	ng/ul	97
13) Pentachlorophenol	16.73	266	2105	1.94	ng/ul	95
14) Phenanthrene	17.12	178	11567	0.74	ng/ul	99
15) Anthracene	17.12	178	11567	0.77	ng/ul	99
17) Fluoranthene	19.14	202	10905	0.65	ng/ul	98
19) Pyrene	19.51	202	508	0.03	ng/ul#	34
20) Benzo(a)anthracene	21.26	228	11277	0.78	ng/ul	91
21) Chrysene	21.32	228	537	0.03	ng/ul#	71
23) Benzo(b)fluoranthene	22.88	252	10826	0.70	ng/ul	97
24) Benzo(k)fluoranthene	22.88	252	10855	0.70	ng/ul#	92
25) Benzo(a)pyrene	23.41	252	440	0.03	ng/ul#	1
26) Indeno(1,2,3-cd)pyrene	25.77	276	8505	0.52	ng/ul	96
27) Dibenzo(a,h)anthracene	25.79	278	1119	0.09	ng/ul#	36
28) Benzo(g,h,i)perylene	26.45	276	9511	0.63	ng/ul	95

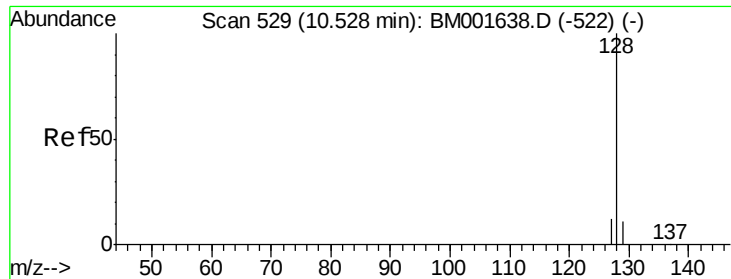
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : S:\HPCHEM1\BNA_M\Data\BM061115\
Data File : BM001645.D
Acq On : 11 Jun 2015 12:59
Operator : TP/IZ
Sample : G2414-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
X1T62

Quant Time: Jun 11 15:00:37 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-SIM-BM061115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 11 07:52:35 2015
Response via : Initial Calibration





#5

Naphthalene

Concen: 0.52 ng/ul

RT: 10.53 min Scan# 529

Delta R.T. -0.00 min

Lab File: BM001645.D

Acq: 11 Jun 2015 12:59

Instrument :

BNA_M

ClientSampleId :

X1T62

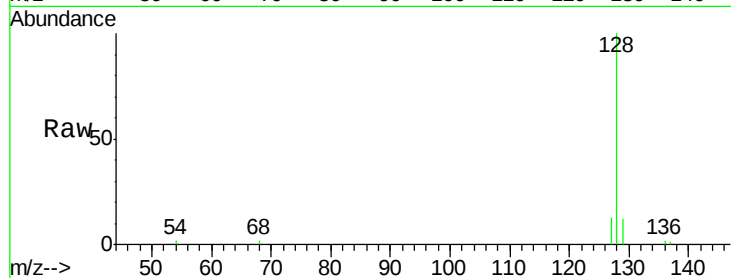
Tgt Ion:128 Resp: 8232

Ion Ratio Lower Upper

128 100

129 11.7 9.8 14.8

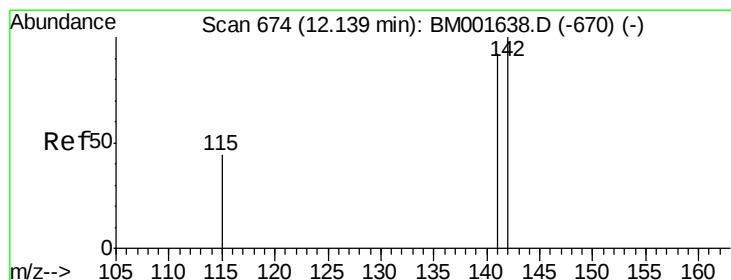
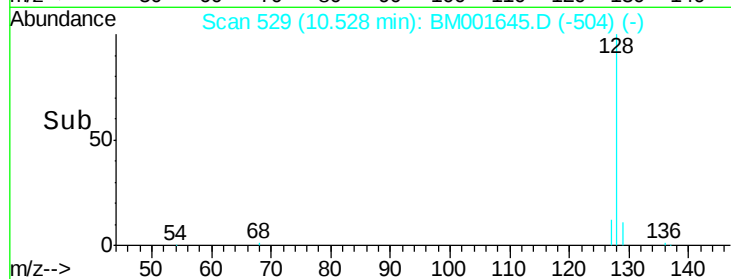
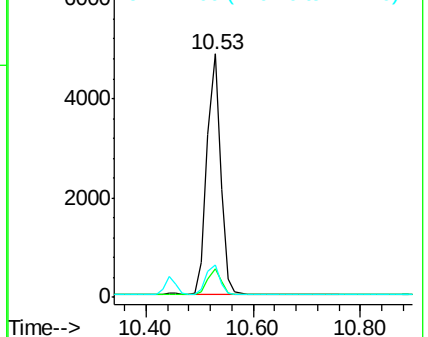
127 13.1 10.7 16.1



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: 0.51 ng/ul

RT: 12.14 min Scan# 674

Delta R.T. -0.00 min

Lab File: BM001645.D

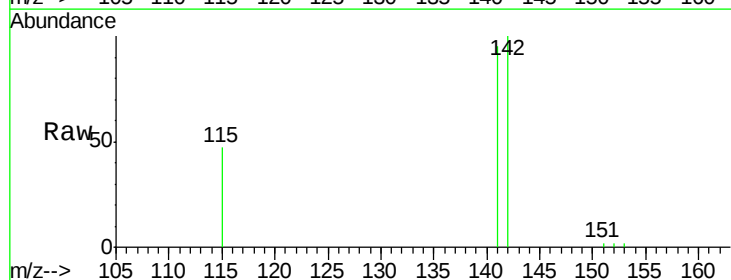
Acq: 11 Jun 2015 12:59

Tgt Ion:142 Resp: 5036

Ion Ratio Lower Upper

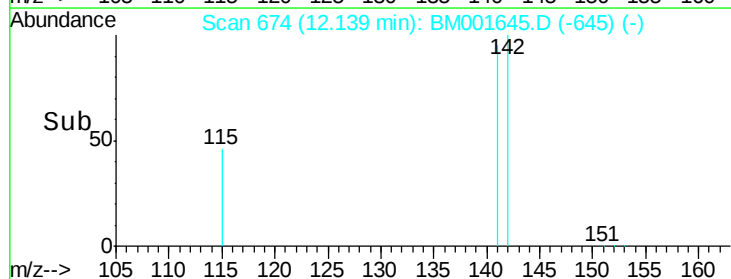
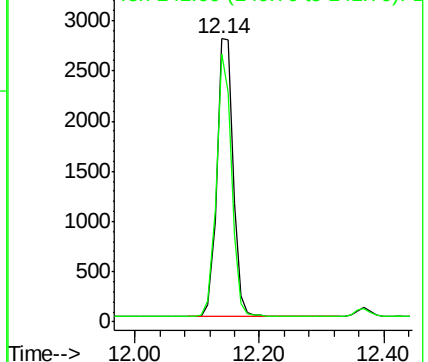
142 100

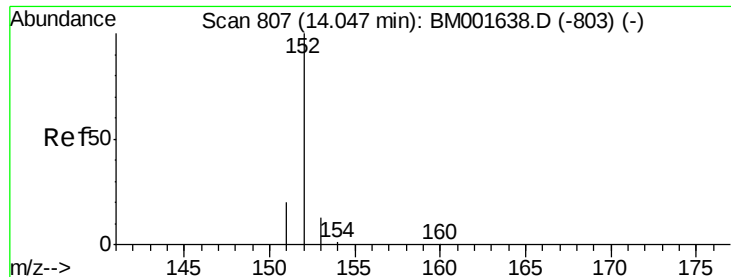
141 88.7 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#9

Acenaphthylene

Concen: 0.00 ng/ul

RT: 14.05 min Scan# 807

Delta R.T. -0.00 min

Lab File: BM001645.D

Acq: 11 Jun 2015 12:59

Instrument :

BNA_M

ClientSampleId :

X1T62

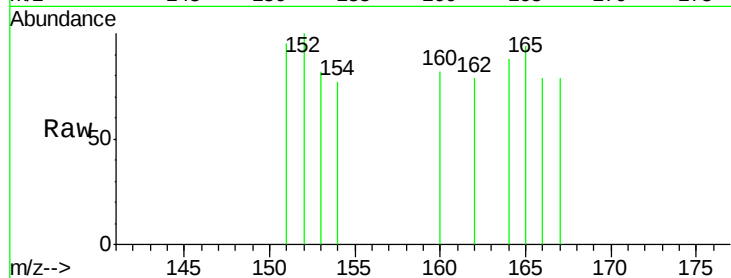
Tgt Ion:152 Resp: 29

Ion Ratio Lower Upper

152 100

151 95.5 16.8 25.2#

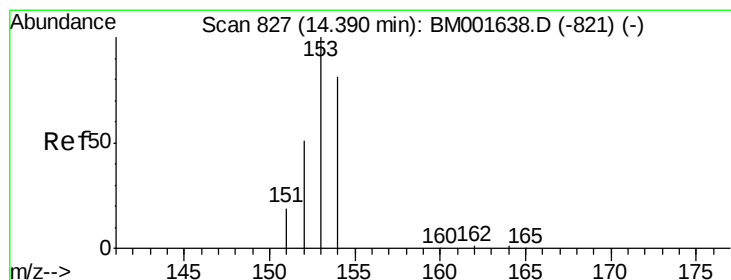
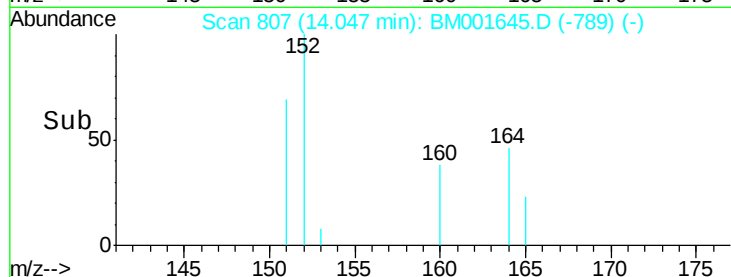
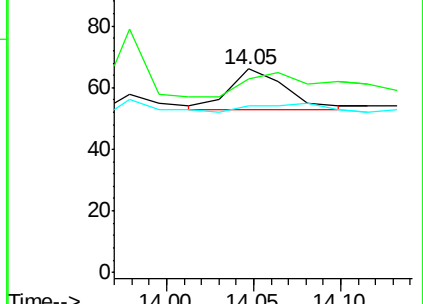
153 81.8 11.3 16.9#



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: 14.42 min Scan# 829

Delta R.T. 0.03 min

Lab File: BM001645.D

Acq: 11 Jun 2015 12:59

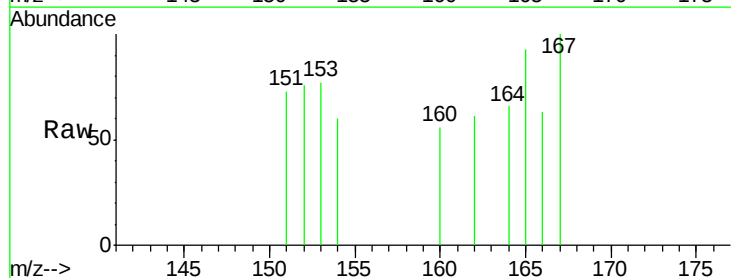
Tgt Ion:153 Resp: 55

Ion Ratio Lower Upper

153 100

152 98.6 42.3 63.5#

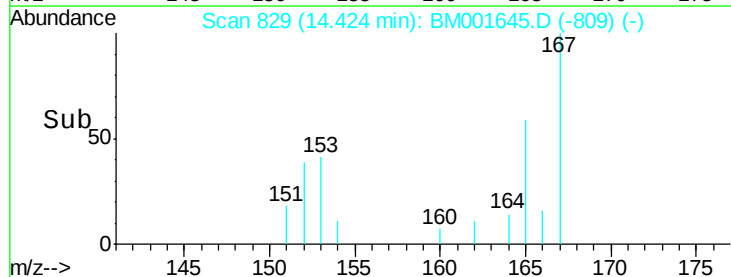
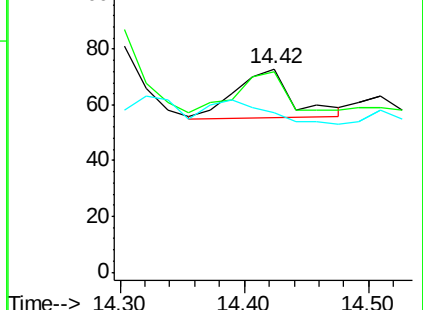
154 78.1 64.7 97.1

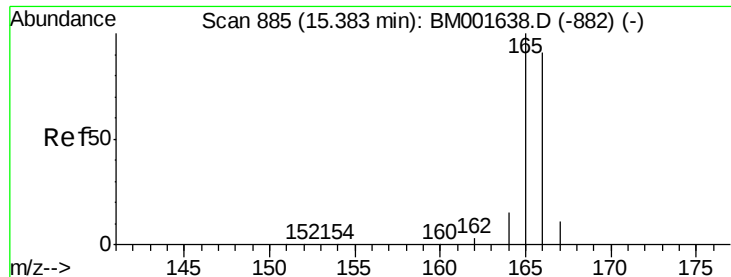


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#11

Fluorene

Concen: 0.66 ng/ul

RT: 15.38 min Scan# 885

Delta R.T. -0.00 min

Lab File: BM001645.D

Acq: 11 Jun 2015 12:59

Instrument :

BNA_M

ClientSampleId :

X1T62

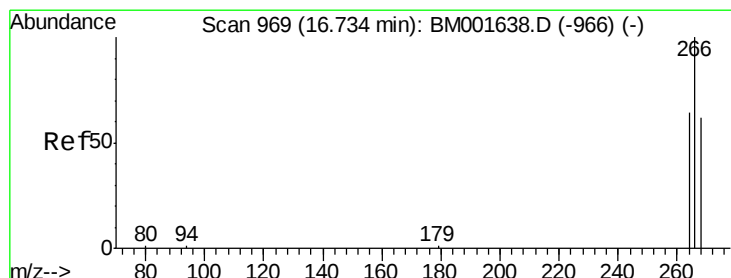
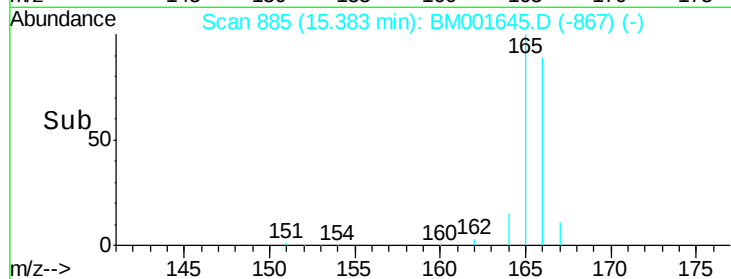
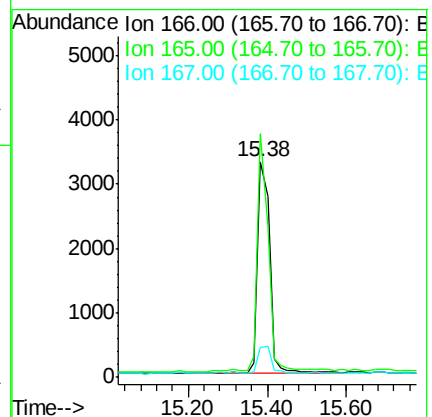
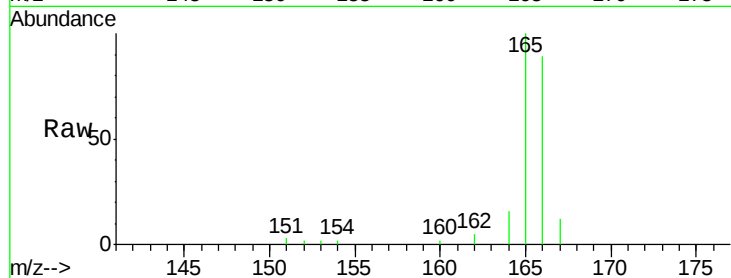
Tgt Ion:166 Resp: 6966

Ion Ratio Lower Upper

166 100

165 112.7 87.6 131.4

167 13.8 11.1 16.7



#13

Pentachlorophenol

Concen: 1.94 ng/ul

RT: 16.73 min Scan# 969

Delta R.T. -0.00 min

Lab File: BM001645.D

Acq: 11 Jun 2015 12:59

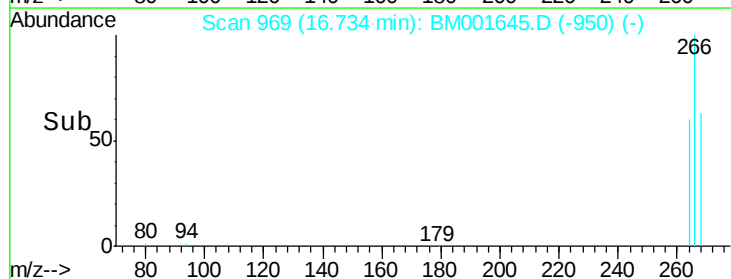
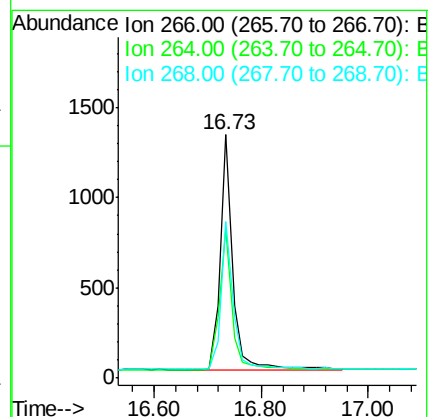
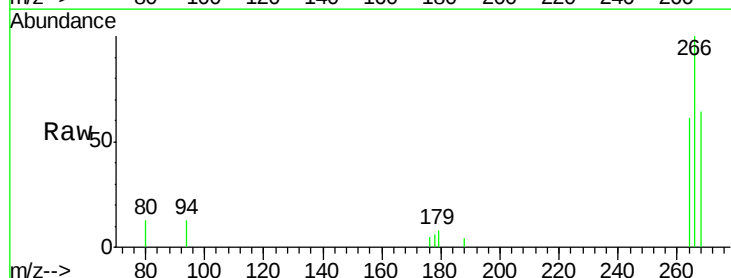
Tgt Ion:266 Resp: 2105

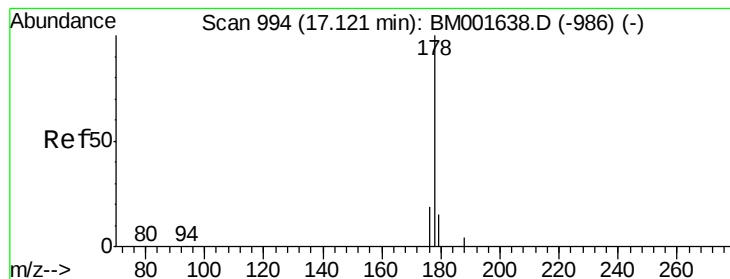
Ion Ratio Lower Upper

266 100

264 62.2 53.5 80.3

268 63.8 54.2 81.2





#14

Phenanthrene

Concen: 0.74 ng/ul

RT: 17.12 min Scan# 994

Delta R.T. -0.00 min

Lab File: BM001645.D

Acq: 11 Jun 2015 12:59

Instrument :

BNA_M

ClientSampleId :

X1T62

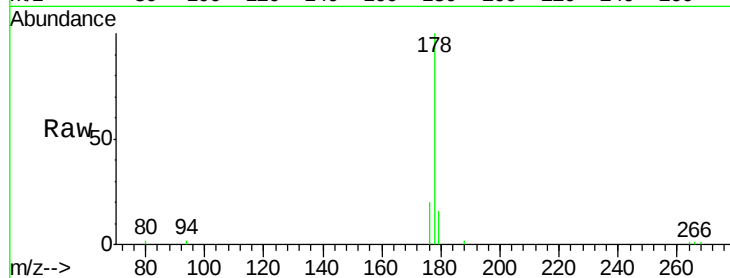
Tgt Ion:178 Resp: 11567

Ion Ratio Lower Upper

178 100

176 19.6 16.2 24.4

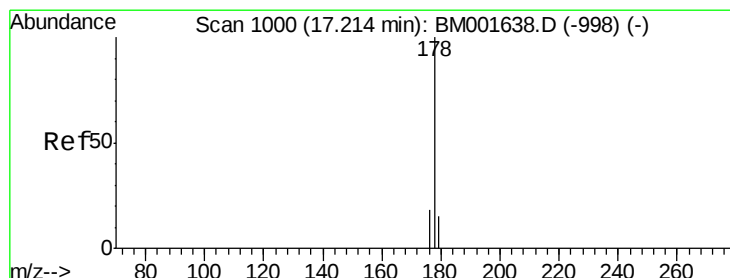
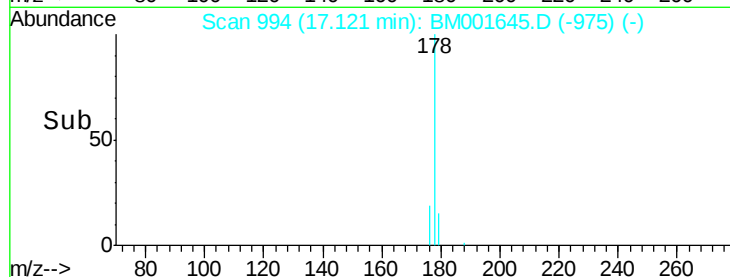
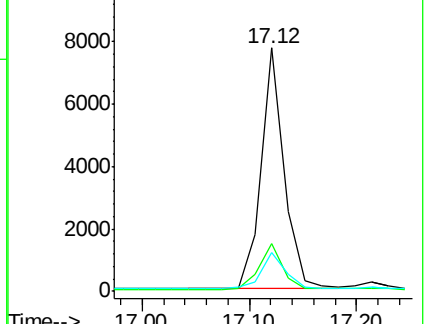
179 15.8 12.8 19.2



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: 0.77 ng/ul

RT: 17.12 min Scan# 994

Delta R.T. -0.09 min

Lab File: BM001645.D

Acq: 11 Jun 2015 12:59

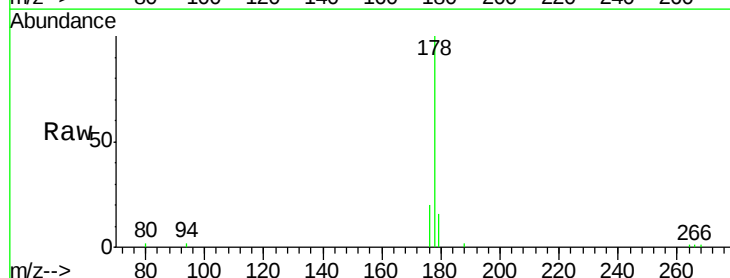
Tgt Ion:178 Resp: 11567

Ion Ratio Lower Upper

178 100

176 19.6 15.8 23.8

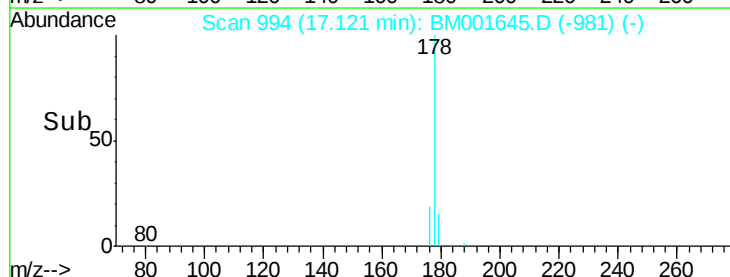
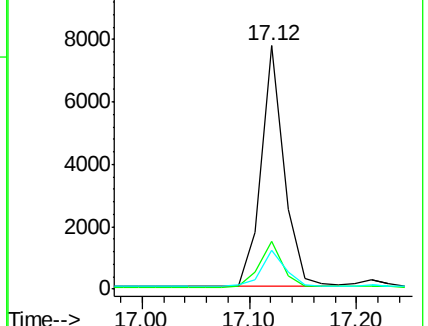
179 15.8 13.3 19.9

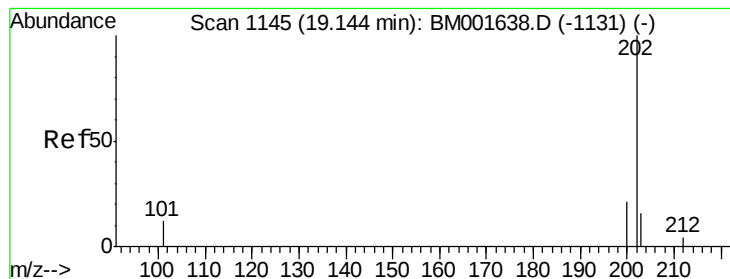


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#17

Fluoranthene

Concen: 0.65 ng/ul

RT: 19.14 min Scan# 1145

Delta R.T. -0.00 min

Lab File: BM001645.D

Acq: 11 Jun 2015 12:59

Instrument :

BNA_M

ClientSampleId :

X1T62

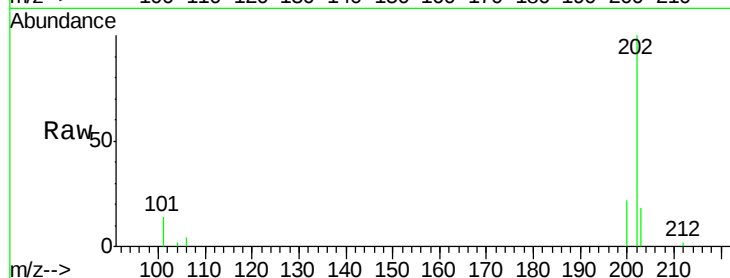
Tgt Ion:202 Resp: 10905

Ion Ratio Lower Upper

202 100

101 13.6 0.0 33.1

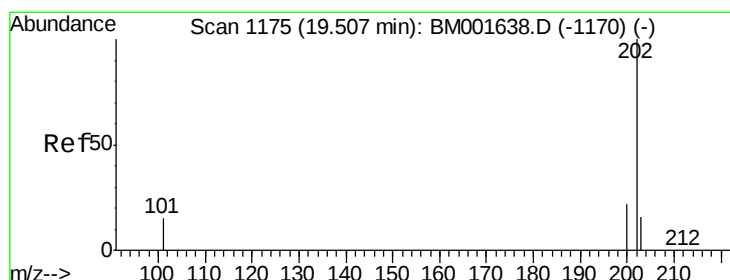
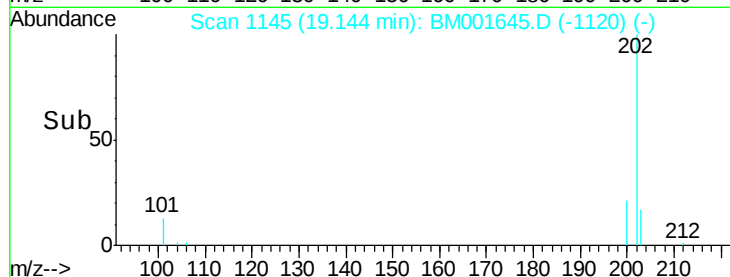
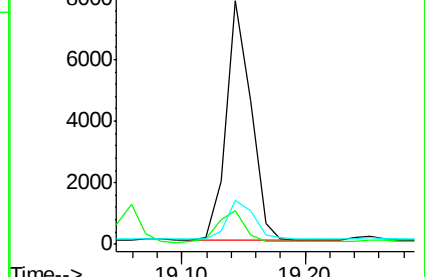
203 18.2 0.0 37.2



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: 0.03 ng/ul

RT: 19.51 min Scan# 1175

Delta R.T. -0.00 min

Lab File: BM001645.D

Acq: 11 Jun 2015 12:59

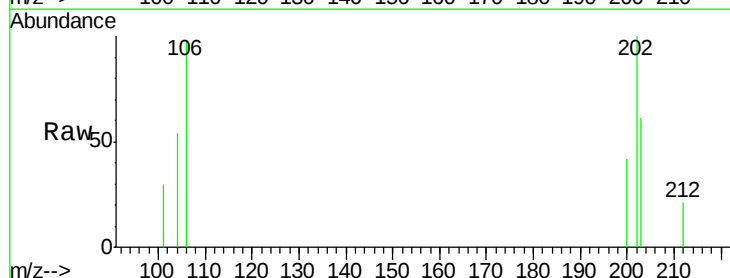
Tgt Ion:202 Resp: 508

Ion Ratio Lower Upper

202 100

200 41.7 18.0 27.0#

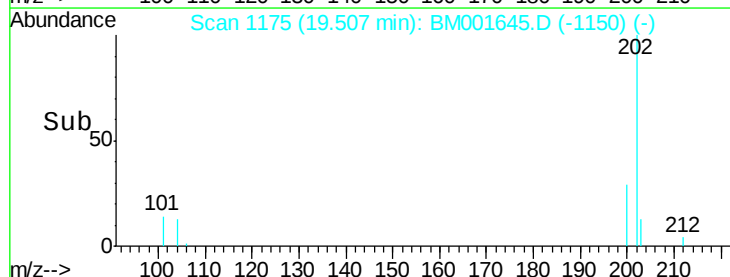
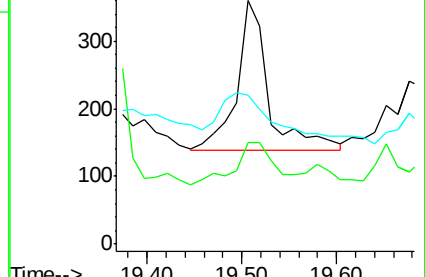
203 61.1 13.8 20.6#

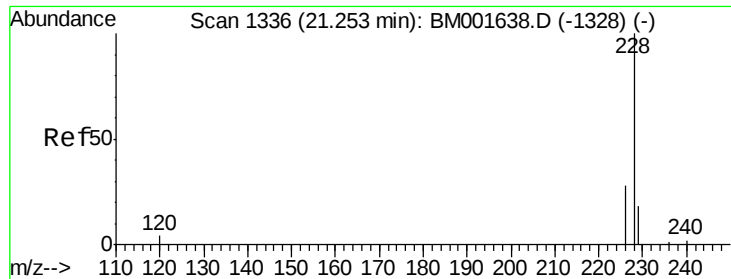


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#20

Benzo(a)anthracene

Concen: 0.78 ng/ul

RT: 21.26 min Scan# 1337

Delta R.T. 0.01 min

Lab File: BM001645.D

Acq: 11 Jun 2015 12:59

Instrument :

BNA_M

ClientSampleId :

X1T62

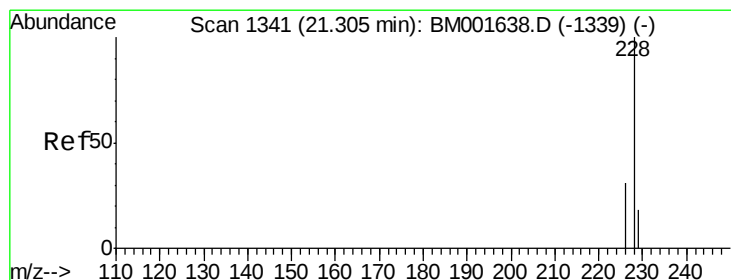
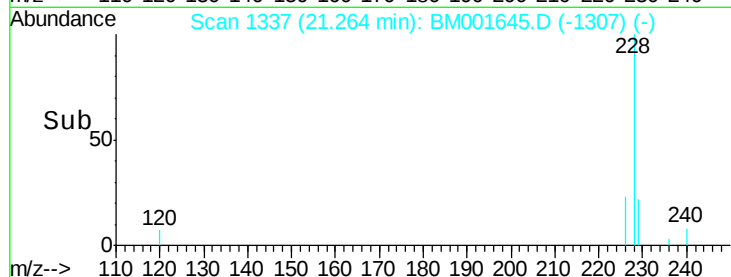
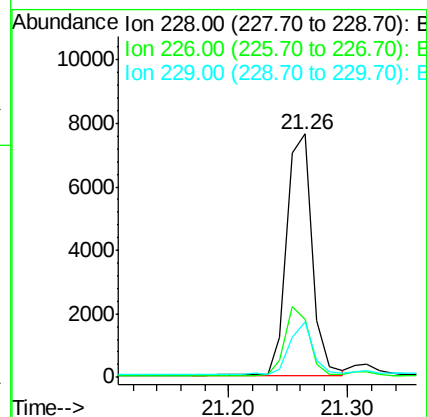
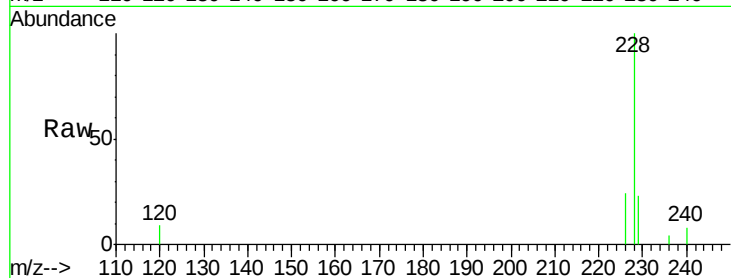
Tgt Ion:228 Resp: 11277

Ion Ratio Lower Upper

228 100

226 23.7 23.0 34.4

229 22.5 15.2 22.8



#21

Chrysene

Concen: 0.03 ng/ul

RT: 21.32 min Scan# 1342

Delta R.T. 0.01 min

Lab File: BM001645.D

Acq: 11 Jun 2015 12:59

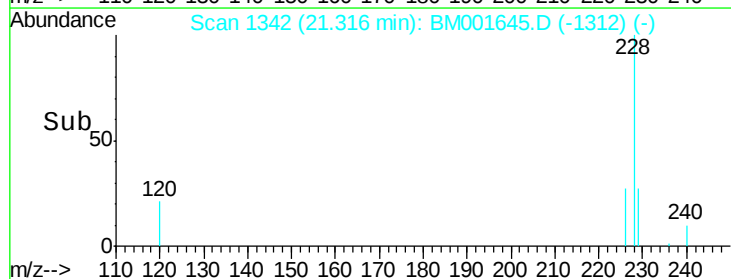
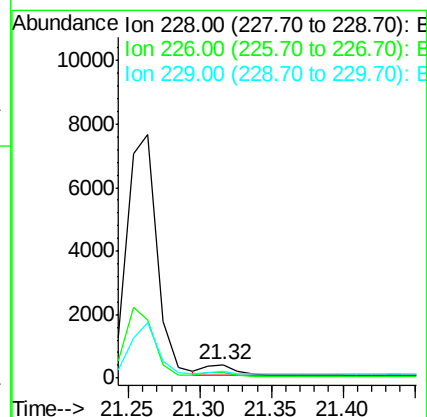
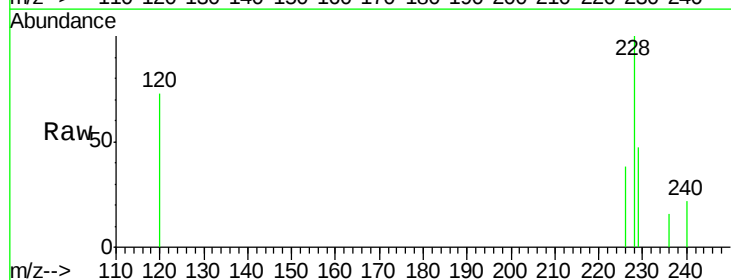
Tgt Ion:228 Resp: 537

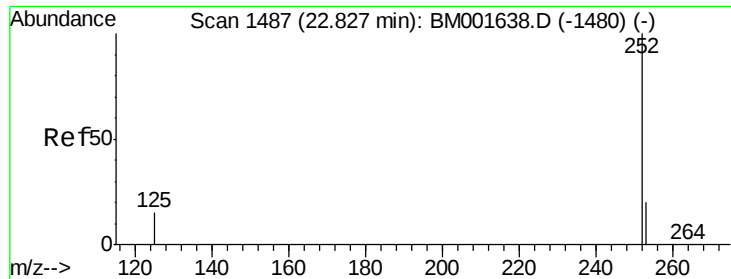
Ion Ratio Lower Upper

228 100

226 37.6 25.7 38.5

229 47.3 15.2 22.8#





#23

Benzo(b)fluoranthene

Concen: 0.70 ng/u1

RT: 22.88 min Scan# 1492

Delta R.T. 0.05 min

Lab File: BM001645.D

Acq: 11 Jun 2015 12:59

Instrument :

BNA_M

ClientSampleId :

X1T62

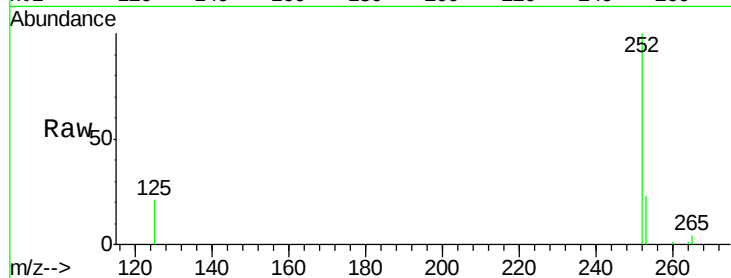
Tgt Ion:252 Resp: 10826

Ion Ratio Lower Upper

252 100

253 23.3 0.0 48.0

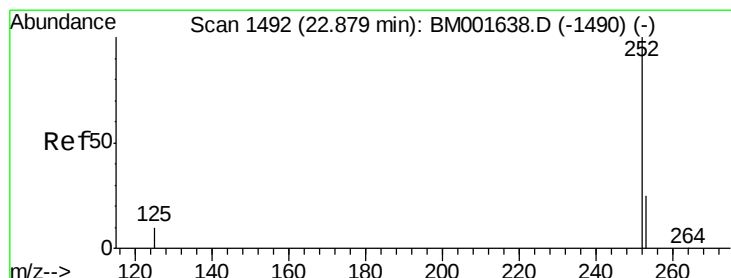
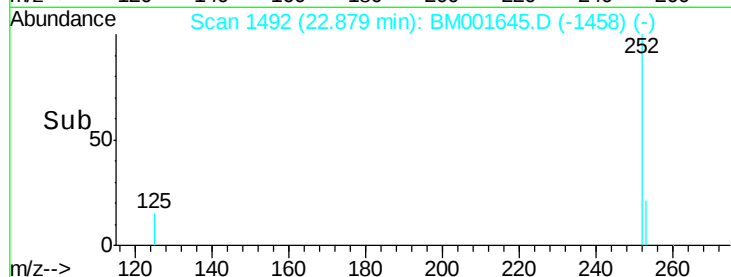
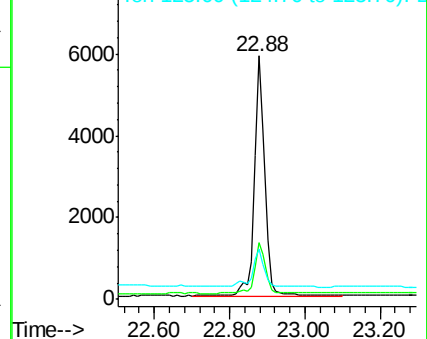
125 20.7 0.0 36.6



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



#24

Benzo(k)fluoranthene

Concen: 0.70 ng/u1

RT: 22.88 min Scan# 1492

Delta R.T. -0.00 min

Lab File: BM001645.D

Acq: 11 Jun 2015 12:59

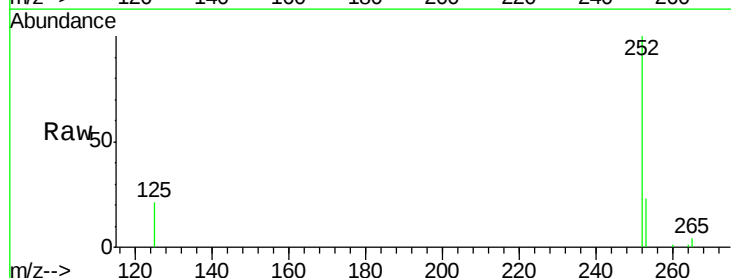
Tgt Ion:252 Resp: 10855

Ion Ratio Lower Upper

252 100

253 23.3 20.8 31.2

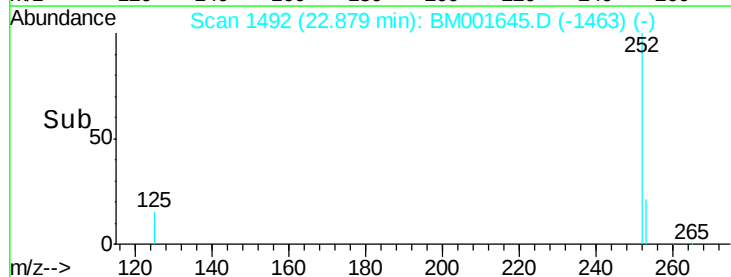
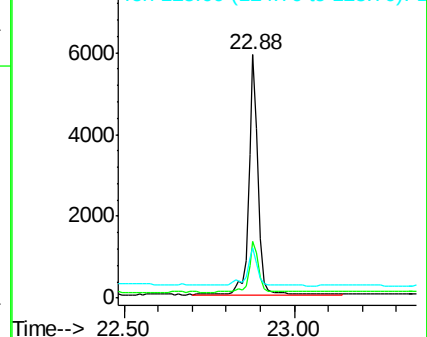
125 20.7 12.2 18.4#

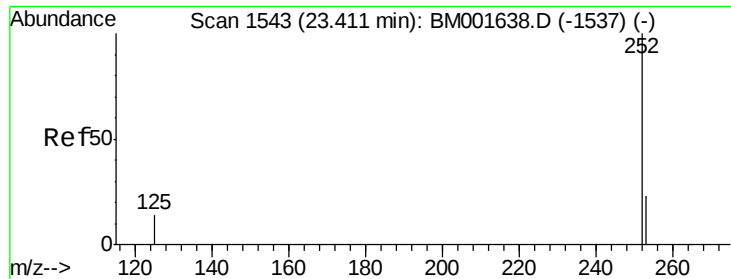


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#25

Benzo(a)pyrene

Concen: 0.03 ng/ul

RT: 23.41 min Scan# 1543

Delta R.T. -0.00 min

Lab File: BM001645.D

Acq: 11 Jun 2015 12:59

Instrument :

BNA_M

ClientSampleId :

X1T62

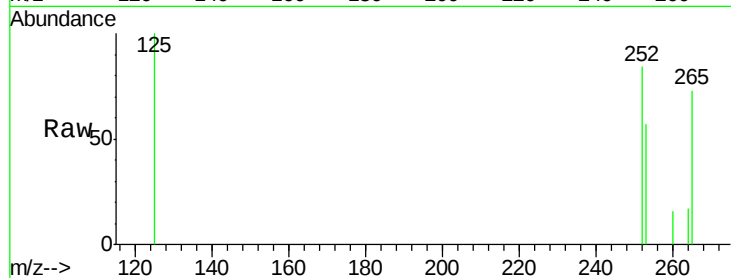
Tgt Ion:252 Resp: 440

Ion Ratio Lower Upper

252 100

253 67.7 21.8 32.8#

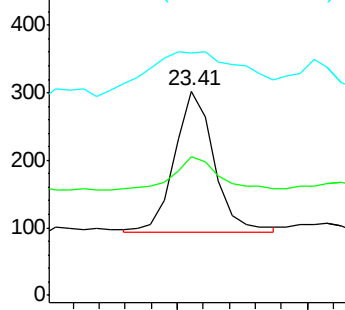
125 118.5 14.5 21.7#



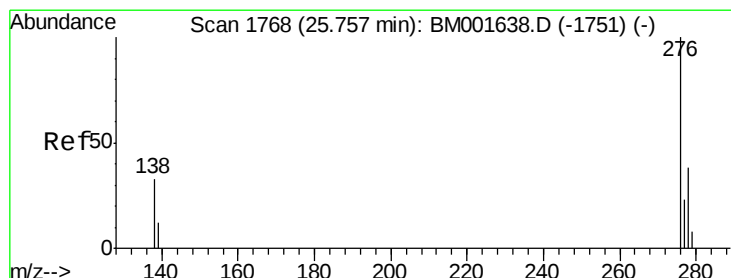
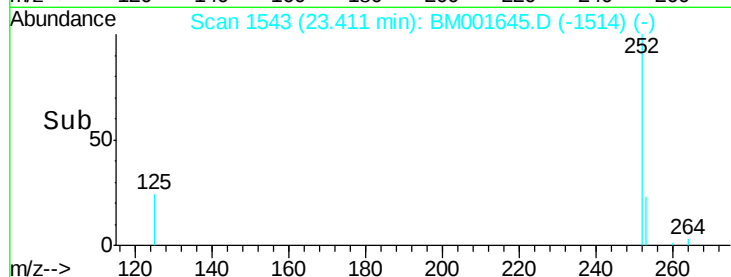
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->



#26

Indeno(1,2,3-cd)pyrene

Concen: 0.52 ng/ul

RT: 25.77 min Scan# 1769

Delta R.T. 0.01 min

Lab File: BM001645.D

Acq: 11 Jun 2015 12:59

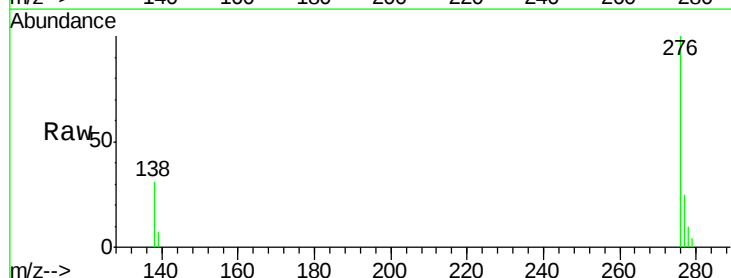
Tgt Ion:276 Resp: 8505

Ion Ratio Lower Upper

276 100

138 30.4 27.5 41.3

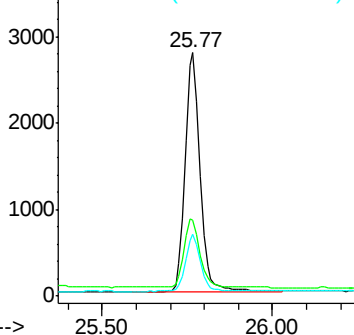
277 23.7 19.3 28.9



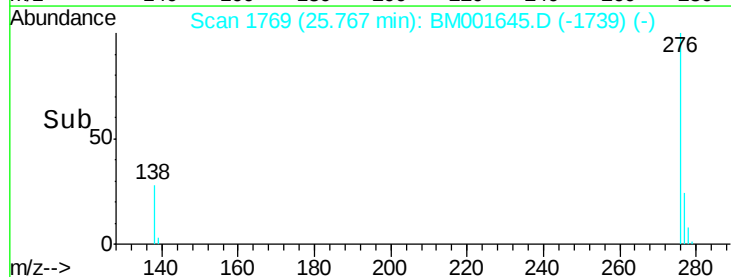
Abundance Ion 276.00 (275.70 to 276.70): E

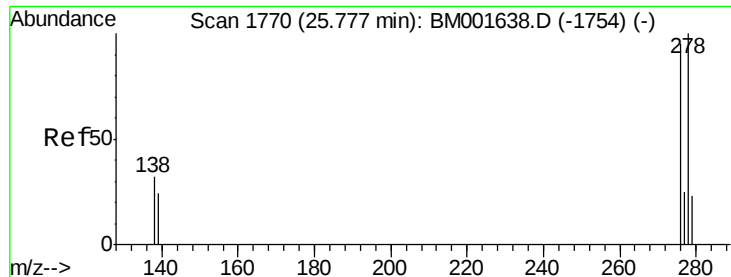
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



Time-->





#27

Dibenzo(a,h)anthracene

Concen: 0.09 ng/ul

RT: 25.79 min Scan# 1771

Delta R.T. 0.01 min

Lab File: BM001645.D

Acq: 11 Jun 2015 12:59

Instrument :

BNA_M

ClientSampleId :

X1T62

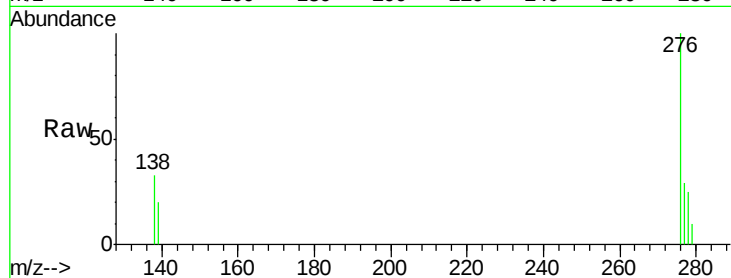
Tgt Ion:278 Resp: 1119

Ion Ratio Lower Upper

278 100

139 80.6 21.7 32.5#

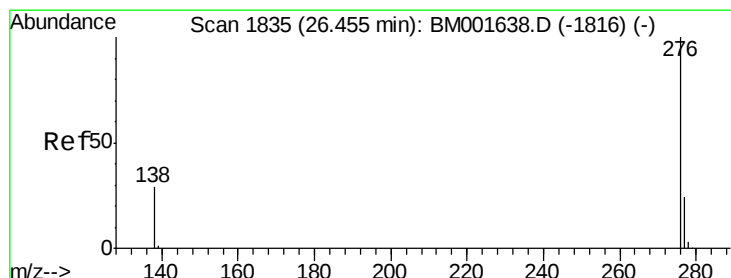
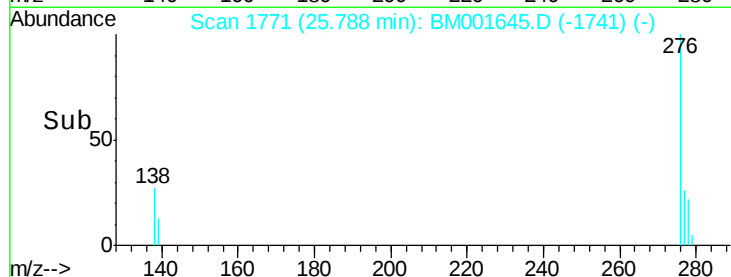
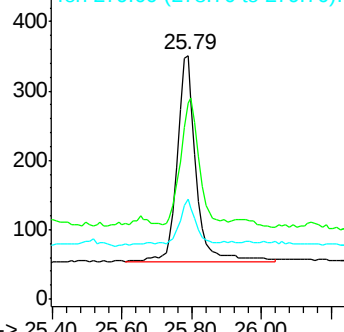
279 41.0 21.9 32.9#



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: 0.63 ng/ul

RT: 26.45 min Scan# 1835

Delta R.T. -0.00 min

Lab File: BM001645.D

Acq: 11 Jun 2015 12:59

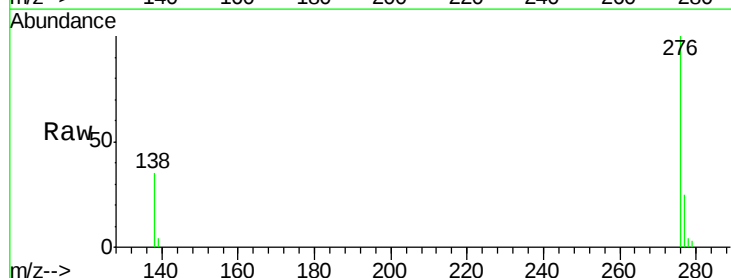
Tgt Ion:276 Resp: 9511

Ion Ratio Lower Upper

276 100

277 24.8 21.3 31.9

138 35.3 25.5 38.3



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

