

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092215\
 Data File : BM002703.D
 Acq On : 22 Sep 2015 20:36
 Operator : UM/IZ
 Sample : G3741-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JHAF6

Quant Time: Sep 23 03:42:12 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM90315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 23 03:40:59 2015
 Response via : Initial Calibration

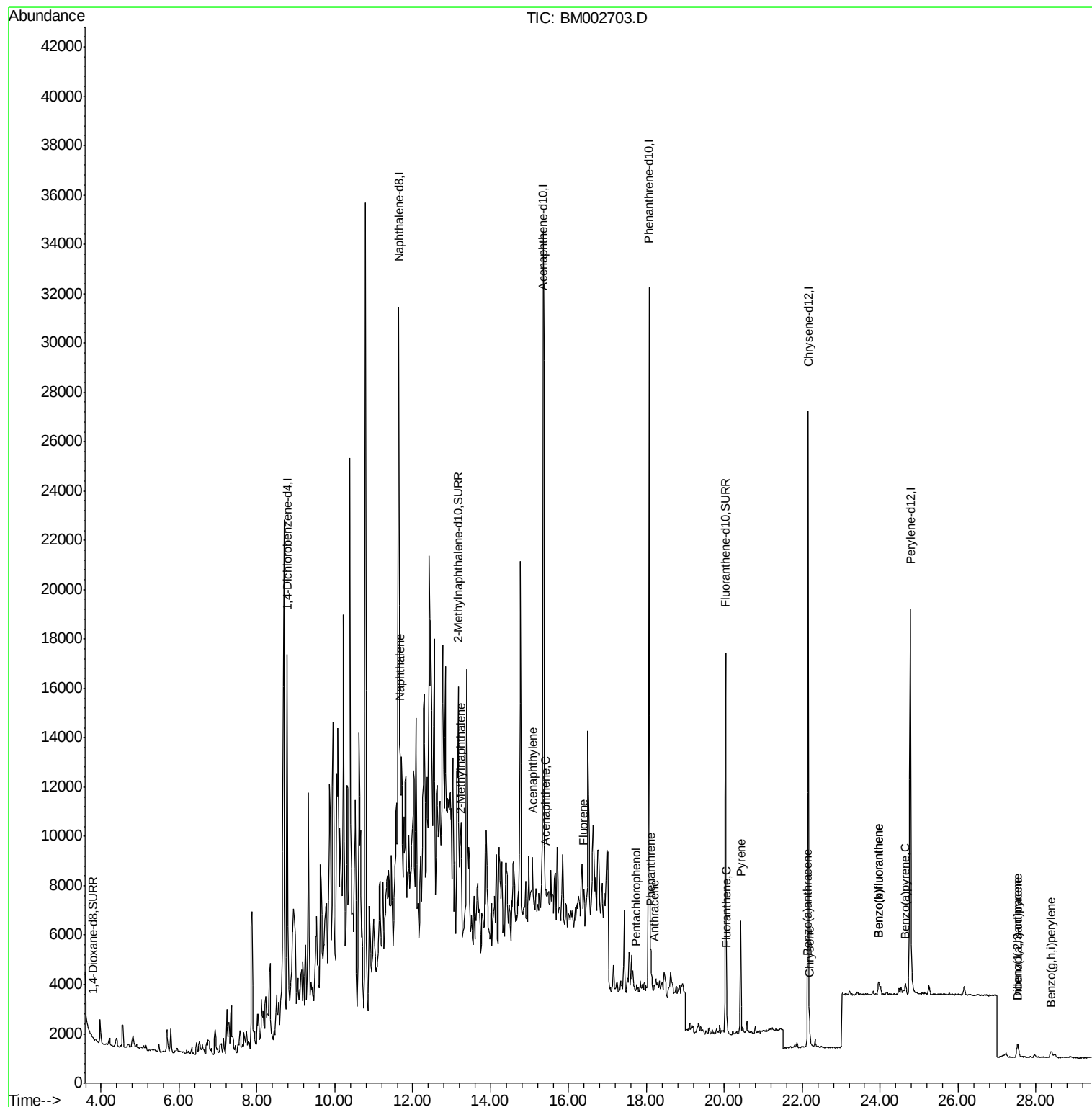
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.78	152	9853	0.40	ng/ul	0.00
4) Naphthalene-d8	11.64	136	39266	0.40	ng/ul	0.00
8) Acenaphthene-d10	15.35	164	21899	0.40	ng/ul	-0.02
12) Phenanthrene-d10	18.06	188	37090	0.40	ng/ul	0.00
18) Chrysene-d12	22.15	240	28804	0.40	ng/ul	-0.01
22) Perylene-d12	24.77	264	27428	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.79	96	69	0.01	ng/uL	-0.03
6) 2-Methylnaphthalene-d10	13.16	152	22967	0.44	ng/ul	0.00
16) Fluoranthene-d10	20.03	212	18380	0.22	ng/ul	0.00
Target Compounds				Ovalue		
5) Naphthalene	11.66	128	9051	0.09	ng/ul#	1
7) 2-Methylnaphthalene	13.25	142	1723	0.03	ng/ul#	25
9) Acenaphthylene	15.07	152	1439	0.01	ng/ul#	1
10) Acenaphthene	15.42	153	995	0.01	ng/ul#	66
11) Fluorene	16.39	166	701	0.01	ng/ul#	30
13) Pentachlorophenol	17.72	266	42	0.01	ng/ul#	39
14) Phenanthrene	18.11	178	2327	0.02	ng/ul#	28
15) Anthracene	18.20	178	1384	0.01	ng/ul#	1
17) Fluoranthene	20.06	202	1144	0.01	ng/ul#	41
19) Pyrene	20.42	202	4991	0.05	ng/ul#	87
20) Benzo(a)anthracene	22.13	228	992	0.01	ng/ul#	45
21) Chrysene	22.19	228	608	0.01	ng/ul#	43
23) Benzo(b)fluoranthene	23.96	252	1584	0.02	ng/ul#	1
24) Benzo(k)fluoranthene	23.96	252	1584	0.02	ng/ul#	1
25) Benzo(a)pyrene	24.65	252	812	0.01	ng/ul#	1
26) Indeno(1,2,3-cd)pyrene	27.53	276	842	0.01	ng/ul#	90
27) Dibenzo(a,h)anthracene	27.53	278	482	0.01	ng/ul#	1
28) Benzo(a,h,i)perylene	28.39	276	697	0.01	ng/ul#	5

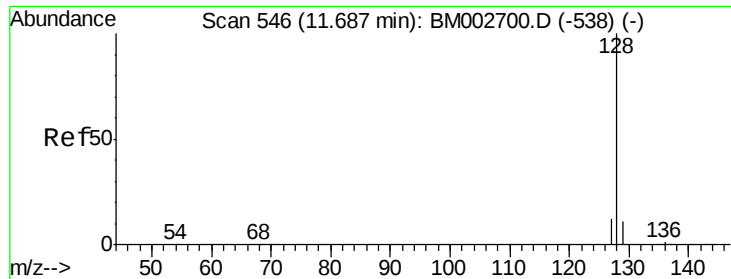
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 23 03:42:12 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM90315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 23 03:40:59 2015
Response via : Initial Calibration





#5

Naphthalene

Concen: 0.09 ng/ul

RT: 11.66 min Scan# 544

Delta R.T. -0.02 min

Lab File: BM002703.D

Acq: 22 Sep 2015 20:36

Instrument :

BNA_M

ClientSampleId :

JHAF6

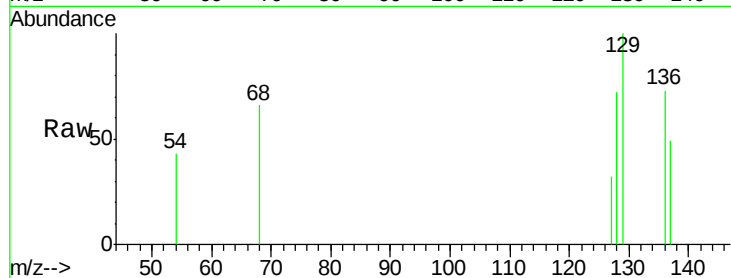
Tot Ion:128 Resp: 9051

Ion Ratio Lower Upper

128 100

129 138.7 9.8 14.8#

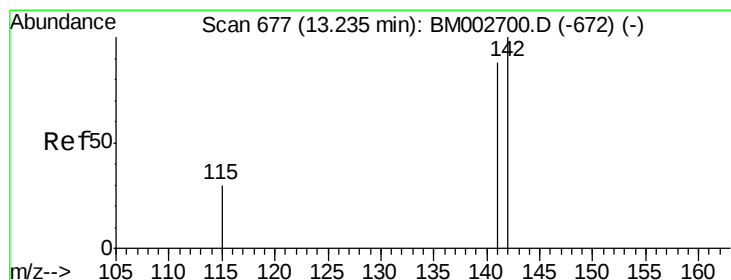
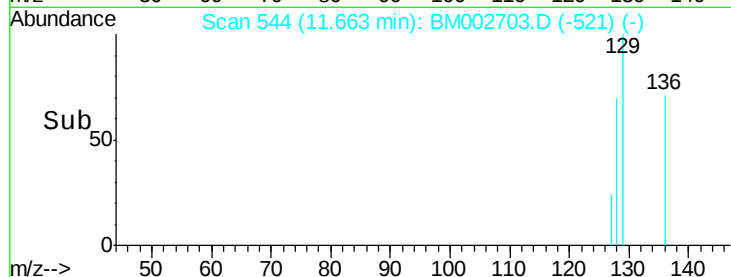
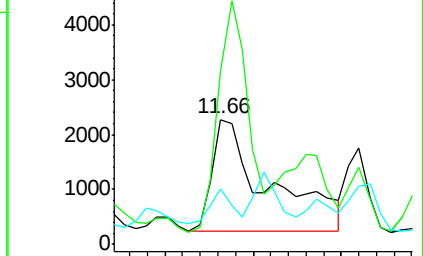
127 44.3 10.7 16.1#



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: 0.03 ng/ul

RT: 13.25 min Scan# 678

Delta R.T. 0.01 min

Lab File: BM002703.D

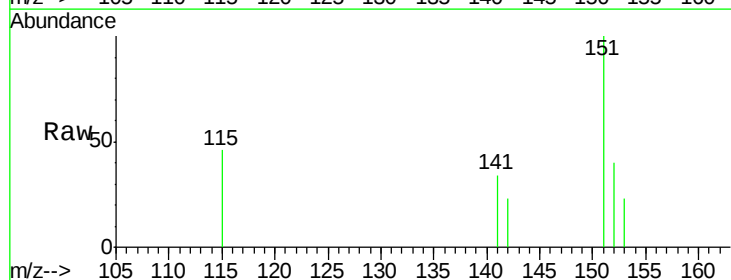
Acq: 22 Sep 2015 20:36

Tgt Ion:142 Resp: 1723

Ion Ratio Lower Upper

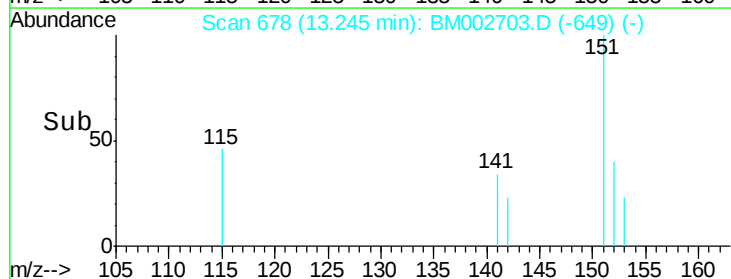
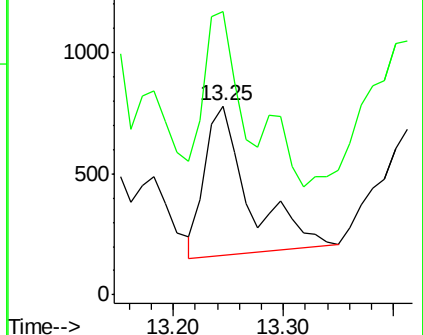
142 100

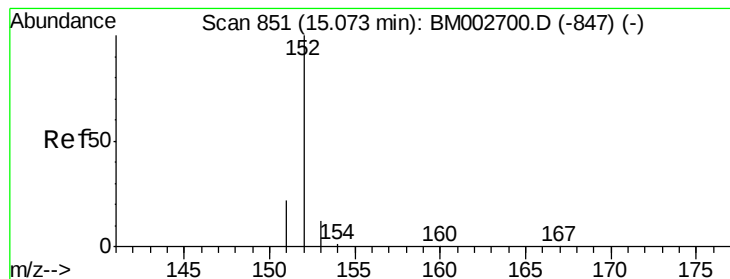
141 157.6 70.3 105.5#



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: 15.07 min Scan# 851

Delta R.T. 0.00 min

Lab File: BM002703.D

Acq: 22 Sep 2015 20:36

Instrument :

BNA_M

ClientSampleId :

JHAF6

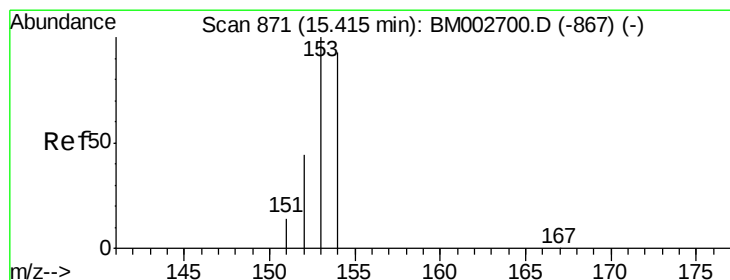
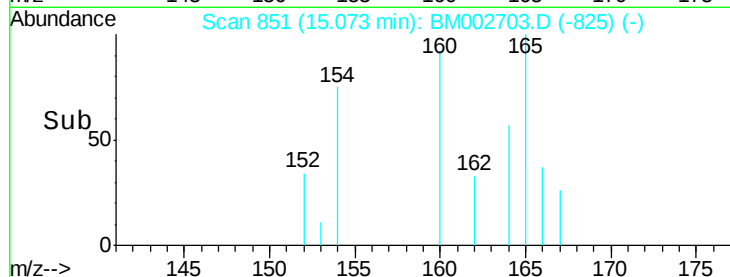
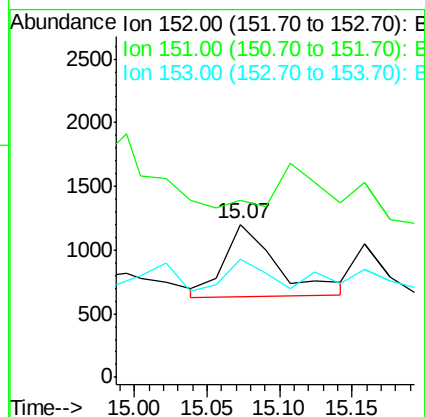
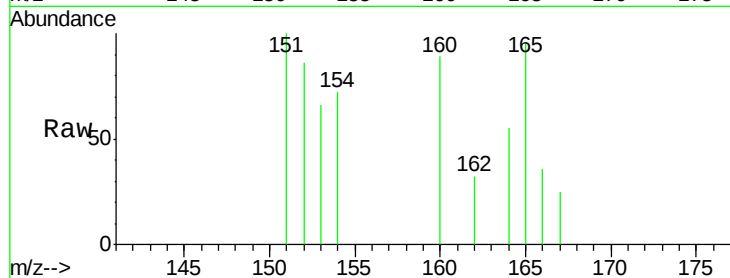
Tot Ion:152 Resp: 1439

Ion Ratio Lower Upper

152 100

151 116.2 16.8 25.2#

153 77.2 11.3 16.9#



#10

Acenaphthene

Concen: 0.01 ng/ul

RT: 15.42 min Scan# 871

Delta R.T. 0.00 min

Lab File: BM002703.D

Acq: 22 Sep 2015 20:36

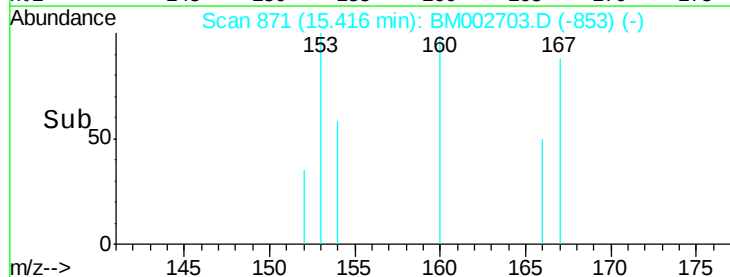
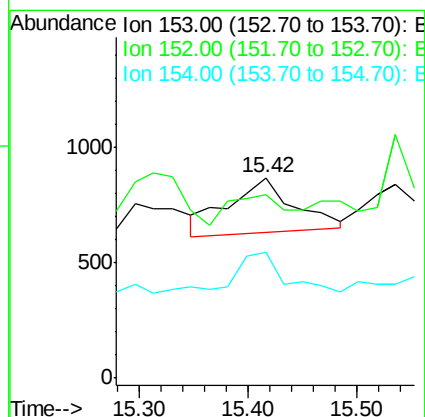
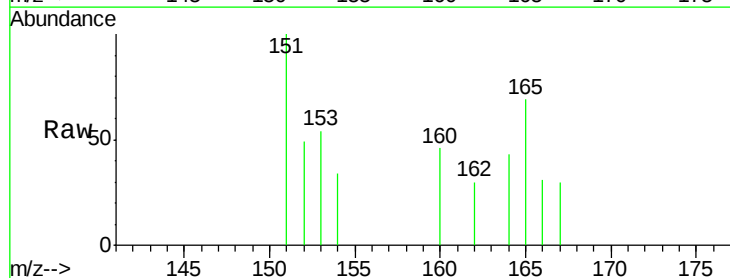
Tgt Ion:153 Resp: 995

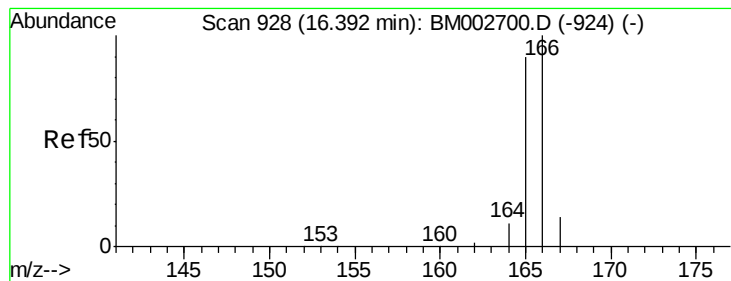
Ion Ratio Lower Upper

153 100

152 91.4 42.3 63.5#

154 62.4 64.7 97.1#





#11

Fluorene

Concen: 0.01 ng/ul

RT: 16.39 min Scan# 928

Delta R.T. 0.00 min

Lab File: BM002703.D

Acq: 22 Sep 2015 20:36

Instrument :

BNA_M

ClientSampleId :

JHAF6

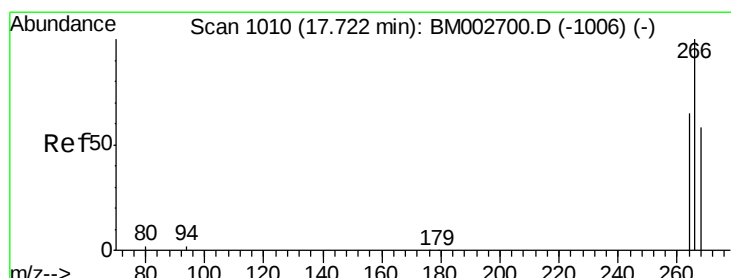
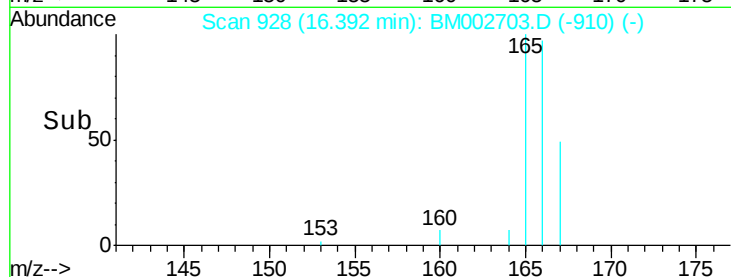
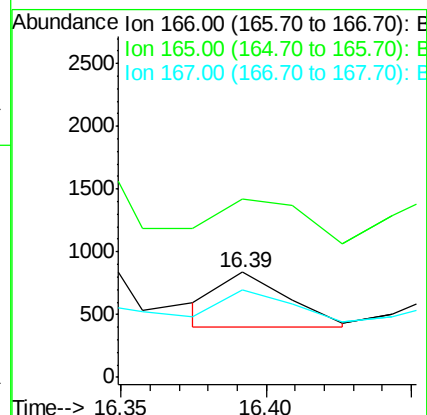
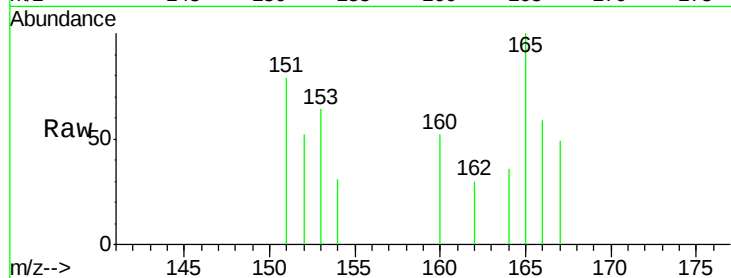
Tot Ion:166 Resp: 701

Ion Ratio Lower Upper

166 100

165 169.9 87.6 131.4#

167 83.7 11.1 16.7#



#13

Pentachlorophenol

Concen: 0.01 ng/ul

RT: 17.72 min Scan# 1010

Delta R.T. 0.00 min

Lab File: BM002703.D

Acq: 22 Sep 2015 20:36

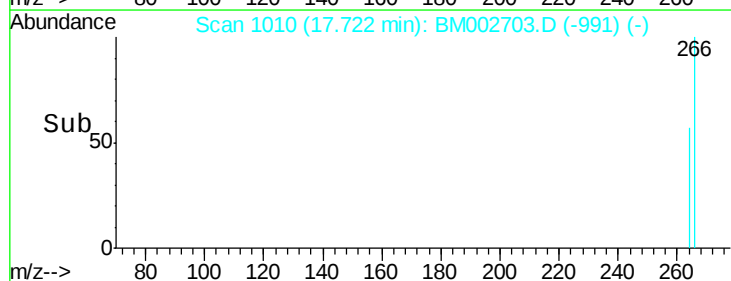
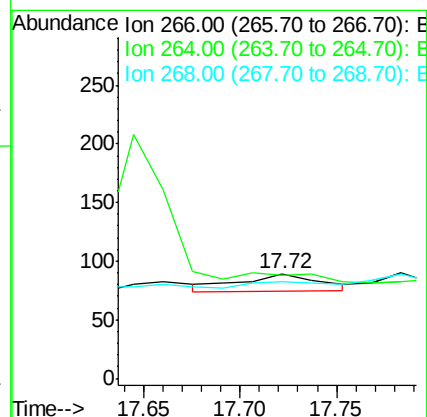
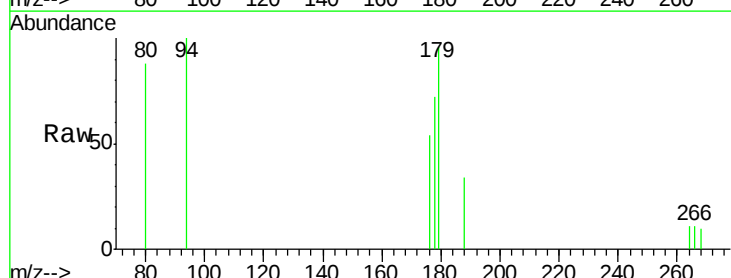
Tgt Ion:266 Resp: 42

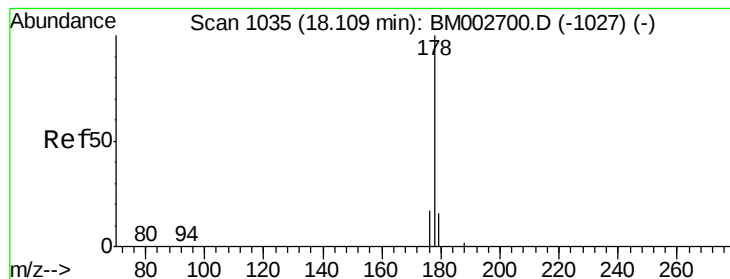
Ion Ratio Lower Upper

266 100

264 0.0 53.5 80.3#

268 35.7 54.2 81.2#





#14

Phenanthrene

Concen: 0.02 ng/ul

RT: 18.11 min Scan# 1035

Delta R.T. 0.00 min

Lab File: BM002703.D

Acq: 22 Sep 2015 20:36

Instrument :

BNA_M

ClientSampleId :

JHAF6

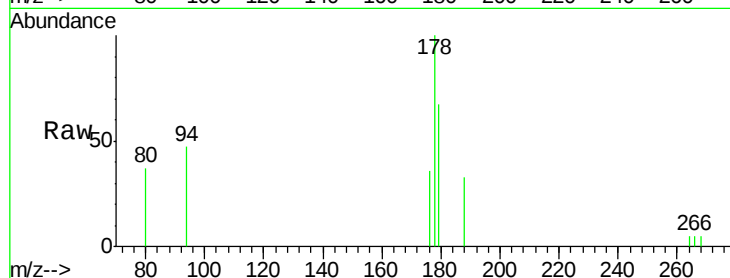
Tot Ion:178 Resp: 2327

Ion Ratio Lower Upper

178 100

176 36.1 16.2 24.4#

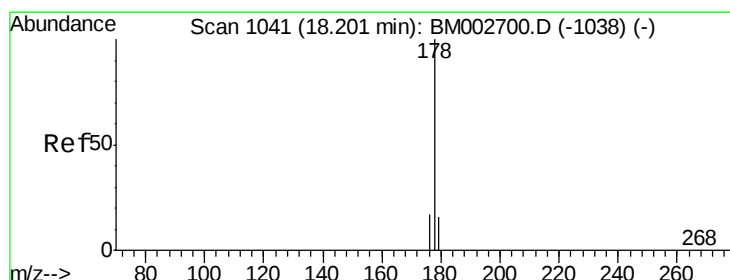
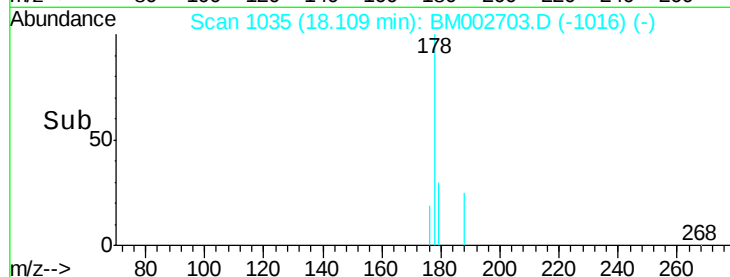
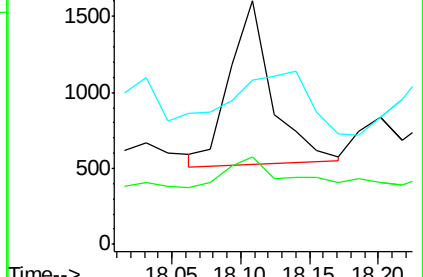
179 67.3 12.8 19.2#



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: 0.01 ng/ul

RT: 18.20 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BM002703.D

Acq: 22 Sep 2015 20:36

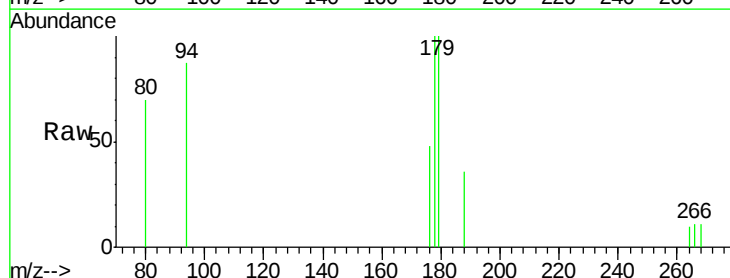
Tgt Ion:178 Resp: 1384

Ion Ratio Lower Upper

178 100

176 48.3 15.8 23.8#

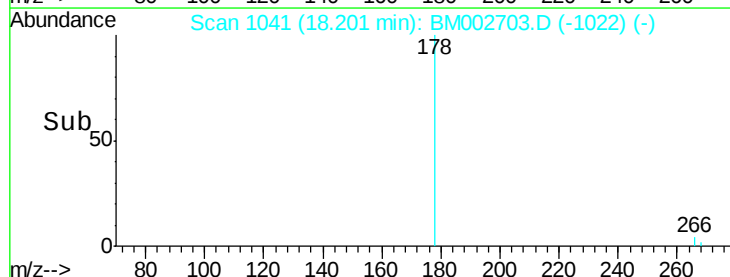
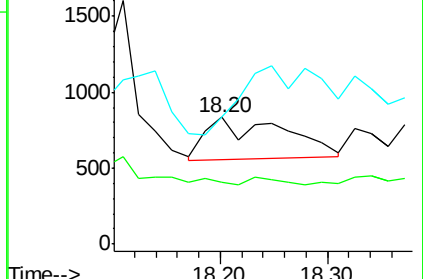
179 100.5 13.3 19.9#

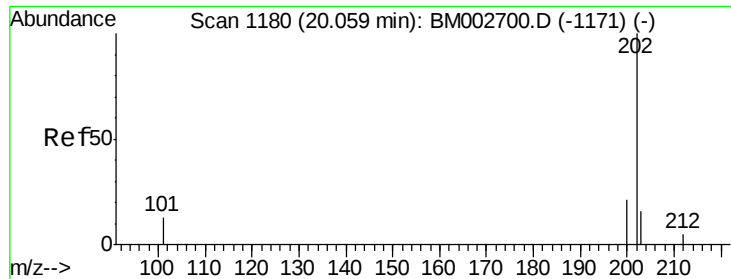


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

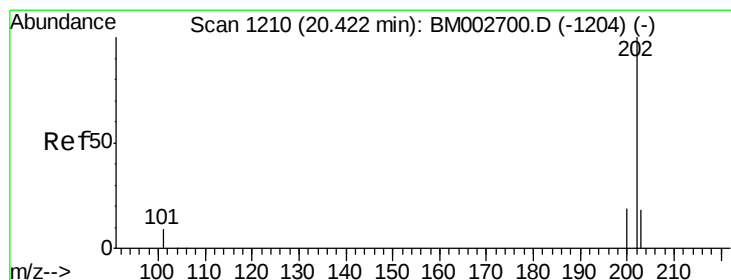
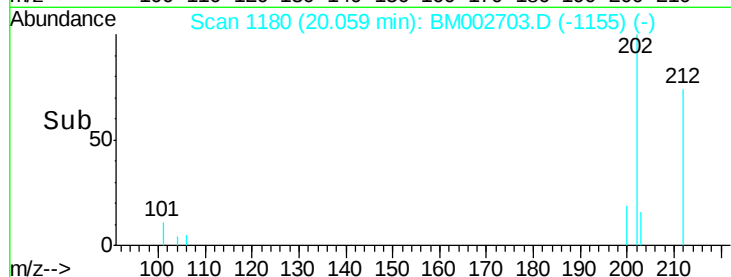
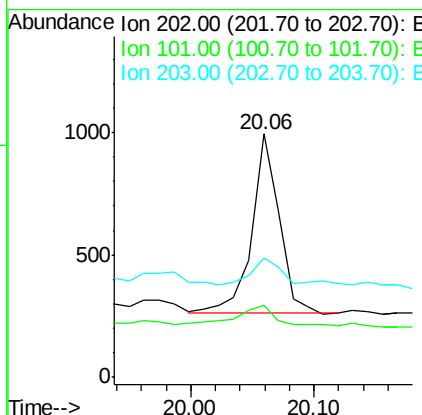
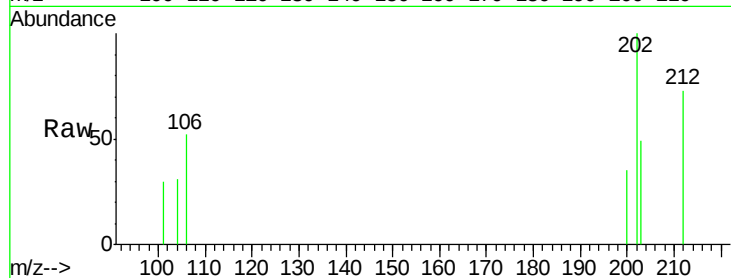




#17
Fluoranthene
 Concen: 0.01 ng/ul
 RT: 20.06 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: BM002703.D
 Acq: 22 Sep 2015 20:36

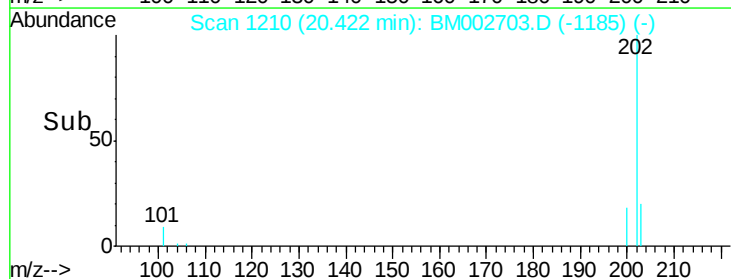
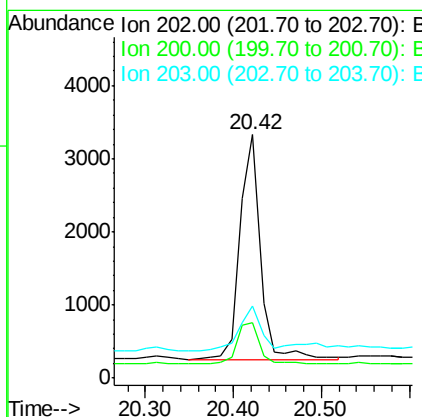
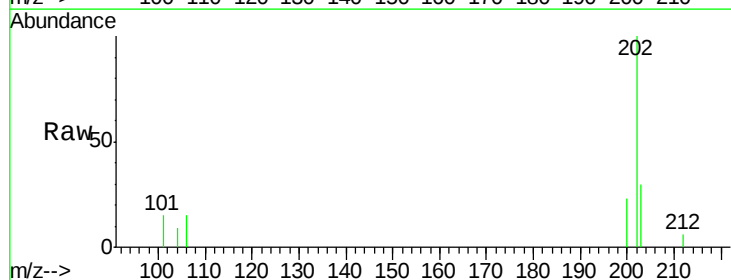
Instrument :
 BNA_M
 ClientSampleId :
 JHAF6

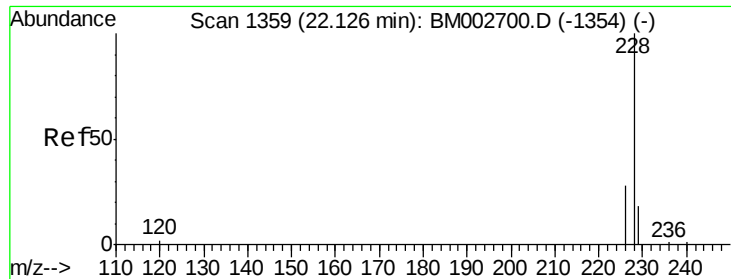
Tot Ion:202 Resp: 1144
 Ion Ratio Lower Upper
 202 100
 101 29.7 0.0 33.1
 203 49.0 0.0 37.2#



#19
Pyrene
 Concen: 0.05 ng/ul
 RT: 20.42 min Scan# 1210
 Delta R.T. 0.00 min
 Lab File: BM002703.D
 Acq: 22 Sep 2015 20:36

Tgt Ion:202 Resp: 4991
 Ion Ratio Lower Upper
 202 100
 200 22.9 18.0 27.0
 203 29.8 13.8 20.6#





#20

Benzo(a)anthracene

Concen: 0.01 ng/ul

RT: 22.13 min Scan# 1359

Delta R.T. 0.00 min

Lab File: BM002703.D

Acq: 22 Sep 2015 20:36

Instrument :

BNA_M

ClientSampleId :

JHAF6

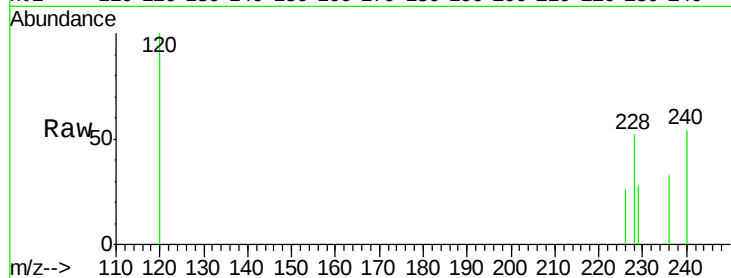
Tot Ion:228 Resp: 992

Ion Ratio Lower Upper

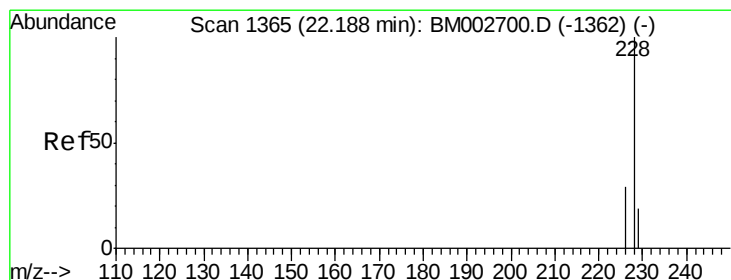
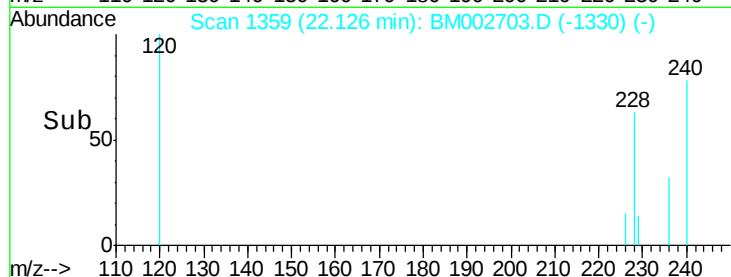
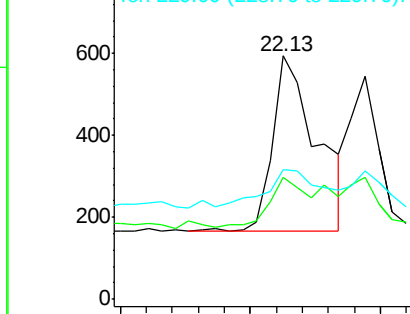
228 100

226 50.3 23.0 34.4#

229 53.5 15.2 22.8#



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: 0.01 ng/ul

RT: 22.19 min Scan# 1365

Delta R.T. 0.00 min

Lab File: BM002703.D

Acq: 22 Sep 2015 20:36

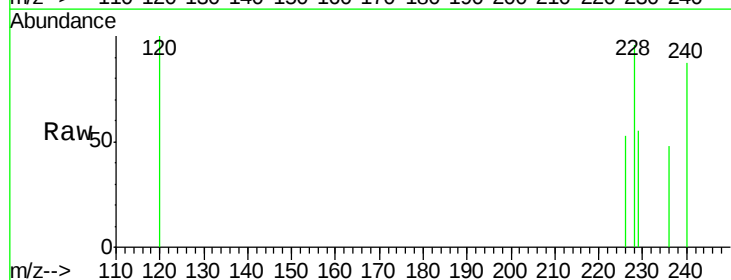
Tgt Ion:228 Resp: 608

Ion Ratio Lower Upper

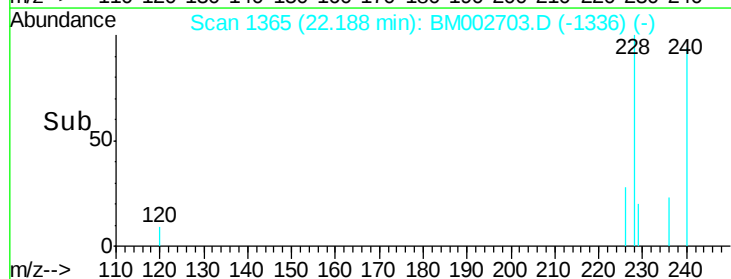
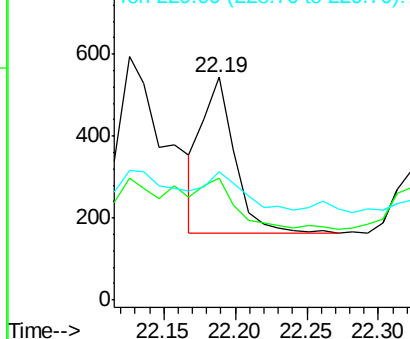
228 100

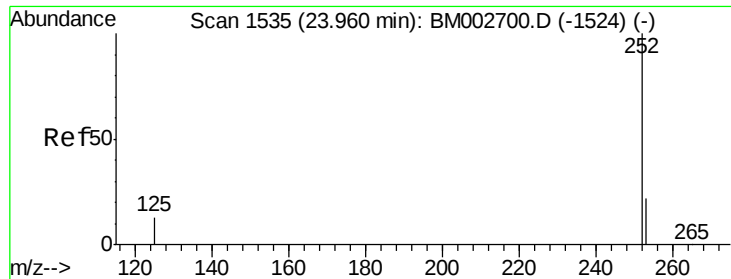
226 55.0 25.7 38.5#

229 57.4 15.2 22.8#



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: 0.02 ng/ul

RT: 23.96 min Scan# 1535

Delta R.T. 0.00 min

Lab File: BM002703.D

Acq: 22 Sep 2015 20:36

Instrument :

BNA_M

ClientSampleId :

JHAF6

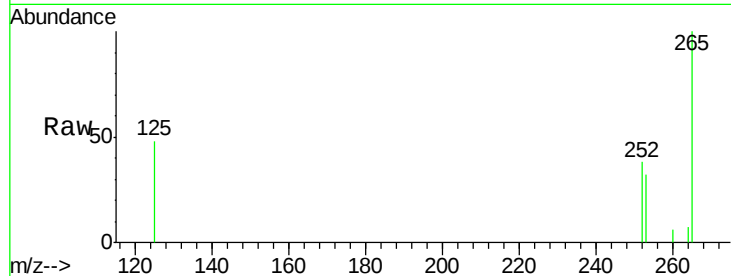
Tot Ion:252 Resp: 1584

Ion Ratio Lower Upper

252 100

253 83.4 0.0 48.0#

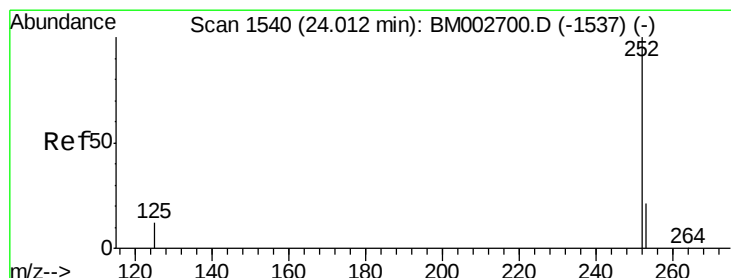
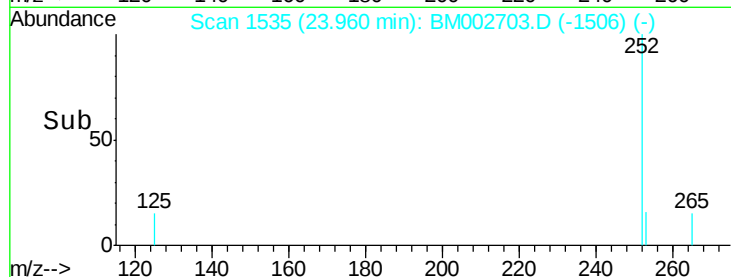
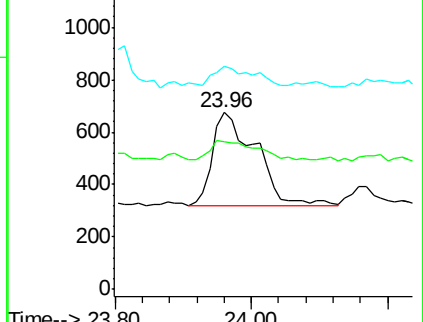
125 126.1 0.0 36.6#



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: 0.02 ng/ul

RT: 23.96 min Scan# 1535

Delta R.T. -0.05 min

Lab File: BM002703.D

Acq: 22 Sep 2015 20:36

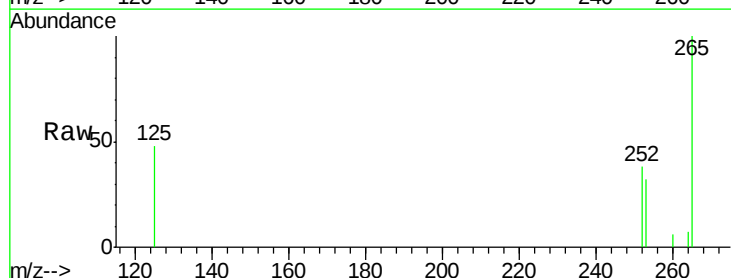
Tgt Ion:252 Resp: 1584

Ion Ratio Lower Upper

252 100

253 83.4 20.8 31.2#

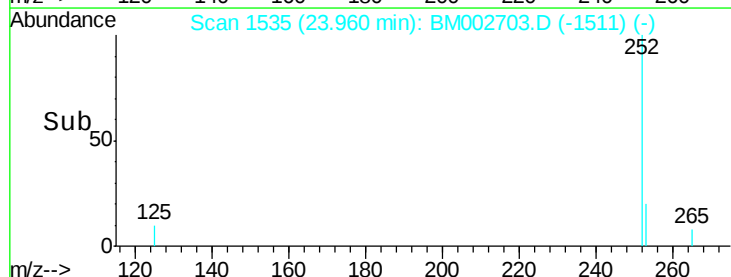
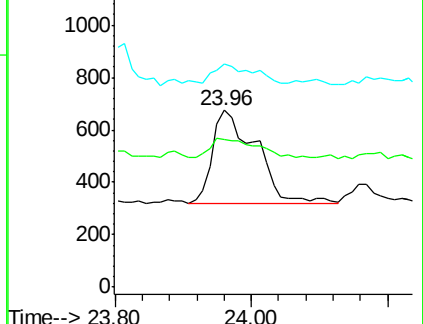
125 126.1 12.2 18.4#

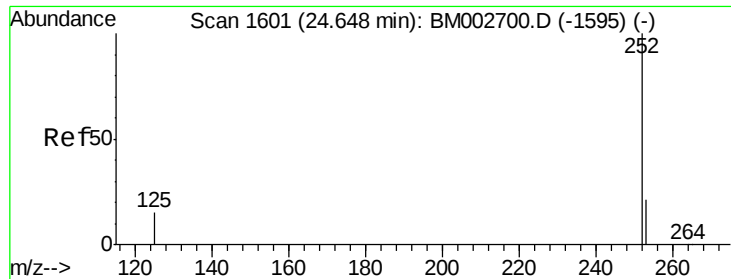


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#25

Benzo(a)pyrene

Concen: 0.01 ng/ul

RT: 24.65 min Scan# 1601

Delta R.T. 0.00 min

Lab File: BM002703.D

Acq: 22 Sep 2015 20:36

Instrument :

BNA_M

ClientSampleId :

JHAF6

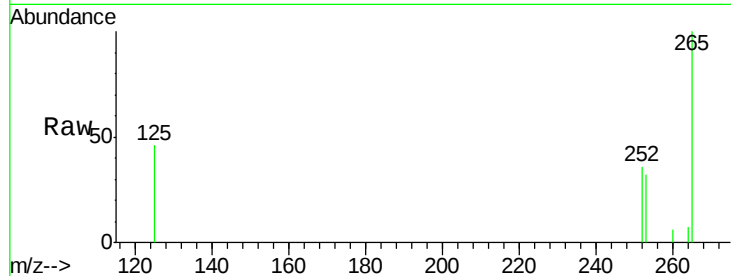
Tot Ion:252 Resp: 812

Ion Ratio Lower Upper

252 100

253 87.0 21.8 32.8#

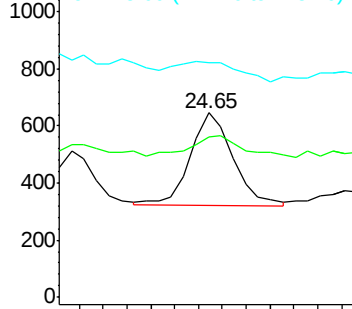
125 127.3 14.5 21.7#



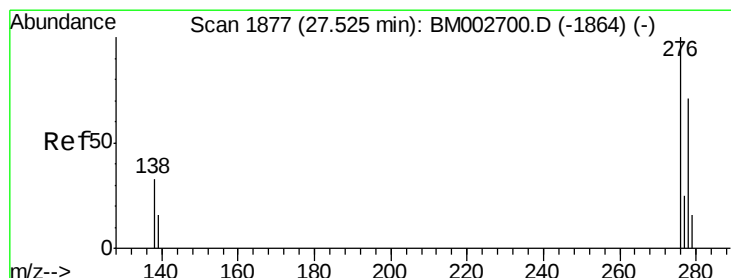
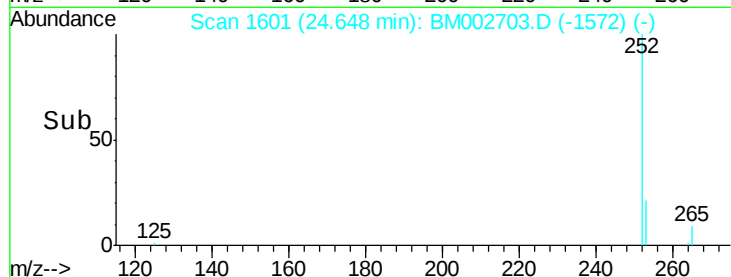
Abundance Ion 252.00 (251.70 to 252.70): E

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: 0.01 ng/ul

RT: 27.53 min Scan# 1877

Delta R.T. 0.00 min

Lab File: BM002703.D

Acq: 22 Sep 2015 20:36

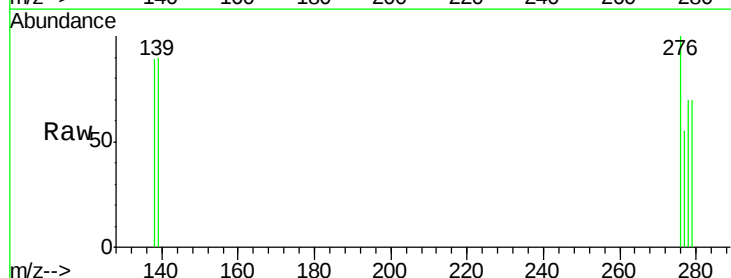
Tgt Ion:276 Resp: 842

Ion Ratio Lower Upper

276 100

138 43.9 27.5 41.3#

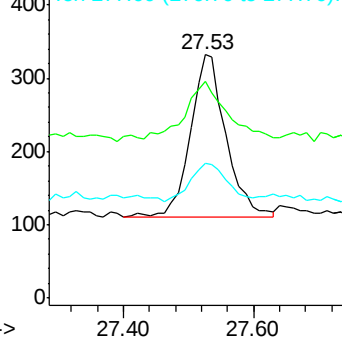
277 24.9 19.3 28.9



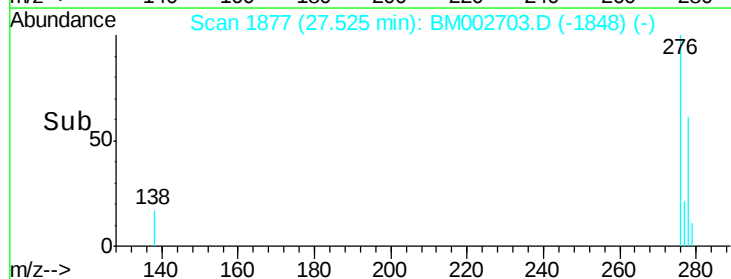
Abundance Ion 276.00 (275.70 to 276.70): E

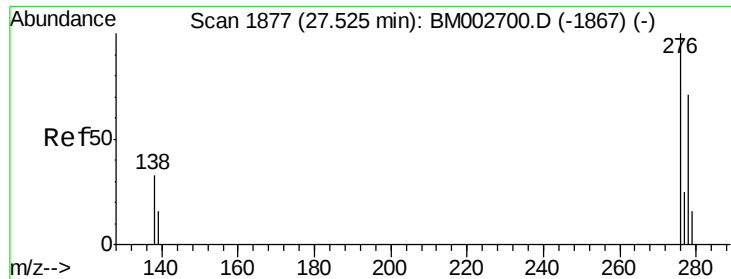
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



Time-->

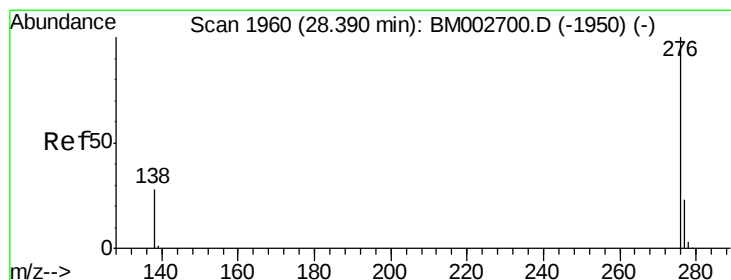
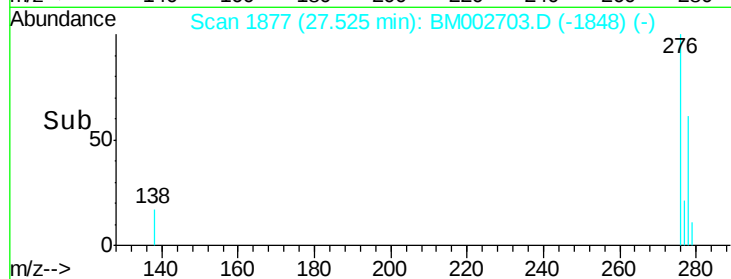
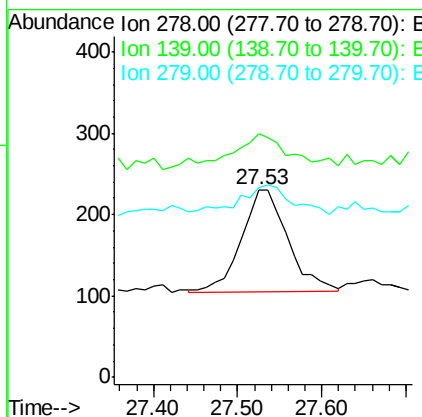
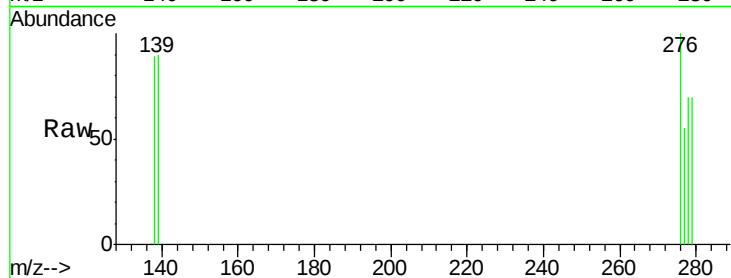




#27
Dibenzo(a,h)anthracene
Concen: 0.01 ng/ul
RT: 27.53 min Scan# 1877
Delta R.T. 0.00 min
Lab File: BM002703.D
Acq: 22 Sep 2015 20:36

Instrument :
BNA_M
ClientSampleId :
JHAF6

Tot Ion:278 Resp: 482
Ion Ratio Lower Upper
278 100
139 129.4 21.7 32.5#
279 100.9 21.9 32.9#



#28
Benzo(g,h,i)perylene
Concen: 0.01 ng/ul
RT: 28.39 min Scan# 1960
Delta R.T. 0.00 min
Lab File: BM002703.D
Acq: 22 Sep 2015 20:36

Tgt Ion:276 Resp: 697
Ion Ratio Lower Upper
276 100
277 63.3 21.3 31.9#
138 95.9 25.5 38.3#

