

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092215\
 Data File : BM002704.D
 Acq On : 22 Sep 2015 21:12
 Operator : UM/IZ
 Sample : G3741-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JHAF8

Quant Time: Sep 23 03:42:22 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

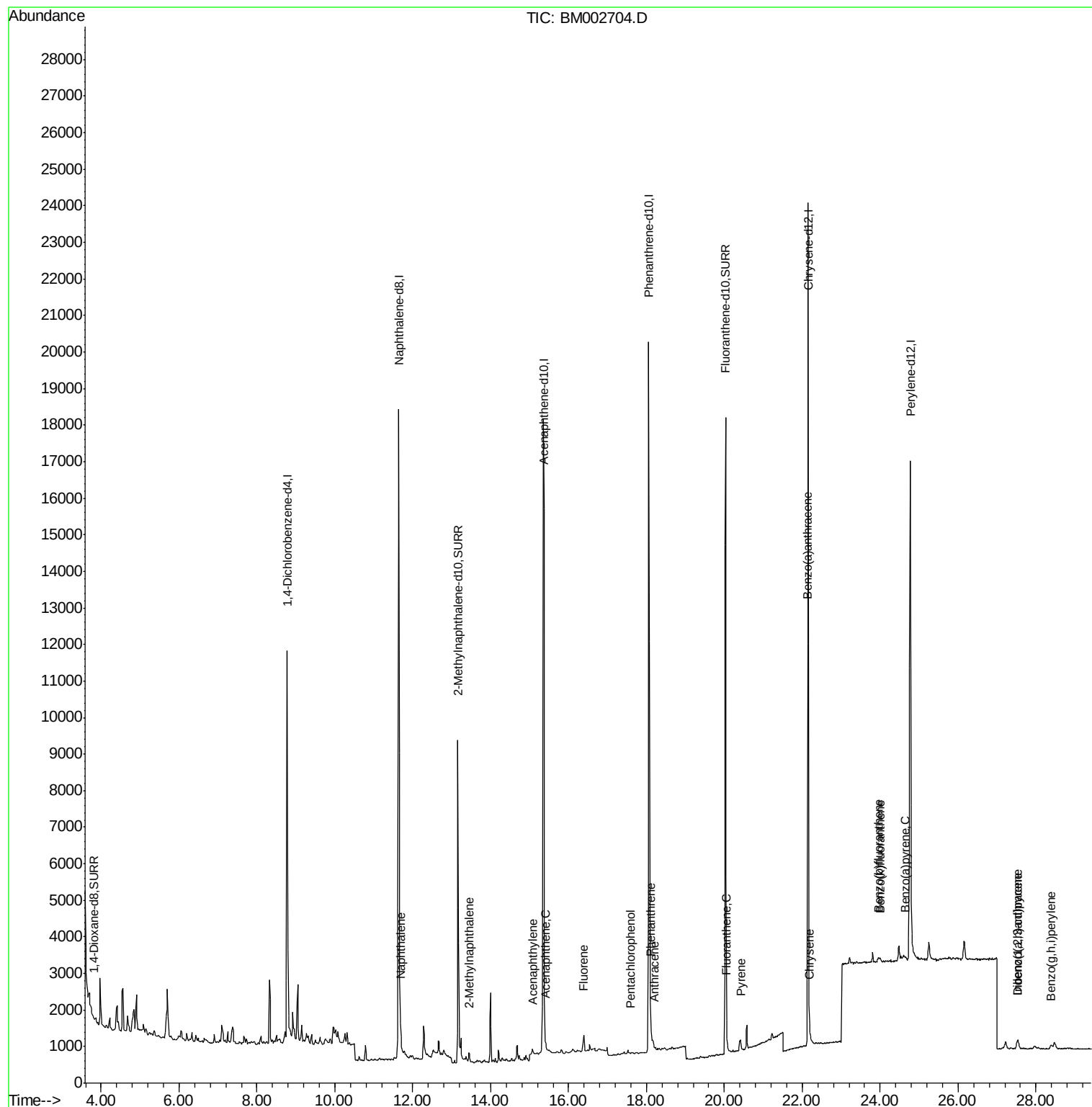
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.78	152	8212	0.40	ng/ul	0.00
4) Naphthalene-d8	11.64	136	29343	0.40	ng/ul	0.00
8) Acenaphthene-d10	15.36	164	13790	0.40	ng/ul	0.00
12) Phenanthrene-d10	18.06	188	28958	0.40	ng/ul	0.00
18) Chrysene-d12	22.15	240	25494	0.40	ng/ul	0.00
22) Perylene-d12	24.78	264	24258	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.80	96	32	0.00	ng/uL	-0.02
6) 2-Methylnaphthalene-d10	13.16	152	13105	0.33	ng/ul	0.00
16) Fluoranthene-d10	20.04	212	22934	0.35	ng/ul	0.00
Target Compounds				Ovalue		
5) Naphthalene	11.69	128	949	0.01	ng/ul#	68
7) 2-Methylnaphthalene	13.45	142	219	0.00	ng/ul	91
9) Acenaphthylene	15.07	152	127	0.00	ng/ul#	1
10) Acenaphthene	15.42	153	75	0.00	ng/ul#	73
11) Fluorene	16.39	166	396	0.01	ng/ul#	89
13) Pentachlorophenol	17.58	266	8	0.00	ng/ul	90
14) Phenanthrene	18.11	178	1047	0.01	ng/ul#	73
15) Anthracene	18.20	178	223	0.00	ng/ul#	1
17) Fluoranthene	20.06	202	314	0.00	ng/ul#	1
19) Pyrene	20.42	202	347	0.00	ng/ul#	18
20) Benzo(a)anthracene	22.14	228	214	0.00	ng/ul#	1
21) Chrysene	22.19	228	137	0.00	ng/ul#	1
23) Benzo(b)fluoranthene	23.95	252	238	0.00	ng/ul#	1
24) Benzo(k)fluoranthene	24.00	252	148	0.00	ng/ul#	1
25) Benzo(a)pyrene	24.65	252	204	0.00	ng/ul#	1
26) Indeno(1,2,3-cd)pyrene	27.53	276	450	0.00	ng/ul	93
27) Dibenzo(a,h)anthracene	27.54	278	348	0.00	ng/ul#	1
28) Benzo(a,h,i)perylene	28.39	276	306	0.00	ng/ul#	1

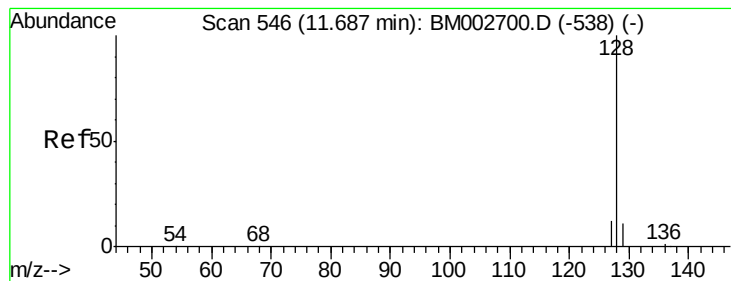
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.01 ng/ul

RT: 11.69 min Scan# 546

Delta R.T. 0.00 min

Lab File: BM002704.D

Acq: 22 Sep 2015 21:12

Instrument :

BNA_M

ClientSampleId :

JHAF8

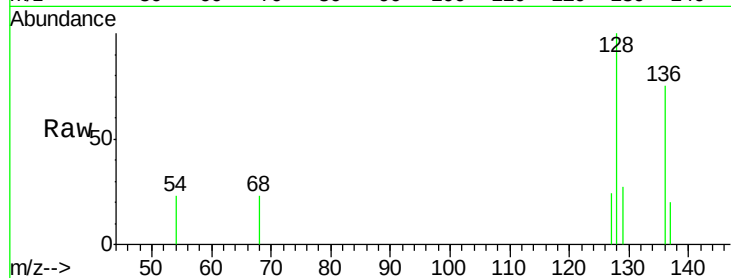
Tot Ion:128 Resp: 949

Ion Ratio Lower Upper

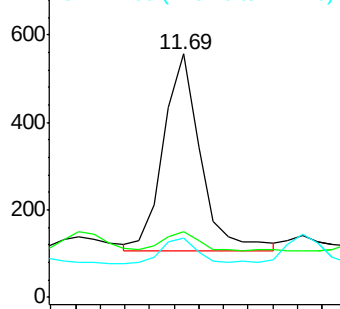
128 100

129 26.9 9.8 14.8#

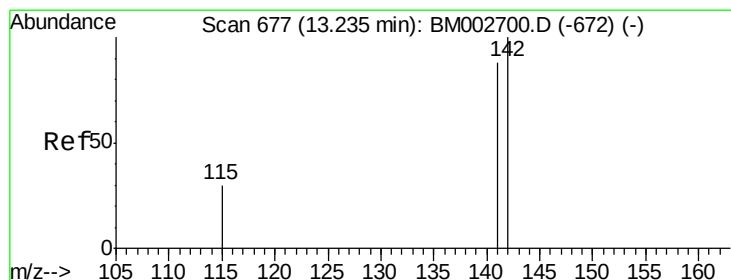
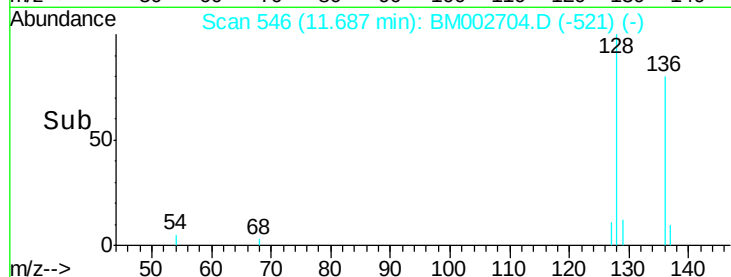
127 24.4 10.7 16.1#



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



Time-->



#7

2-Methylnaphthalene

Concen: 0.00 ng/ul

RT: 13.45 min Scan# 698

Delta R.T. 0.22 min

Lab File: BM002704.D

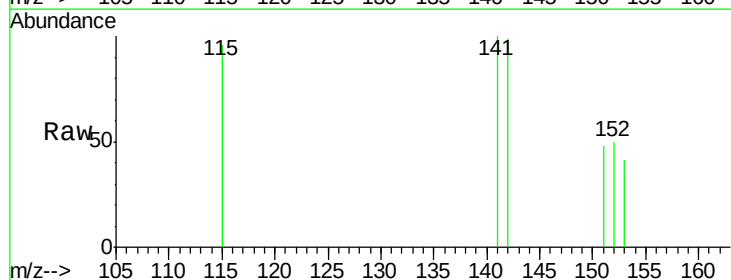
Acq: 22 Sep 2015 21:12

Tgt Ion:142 Resp: 219

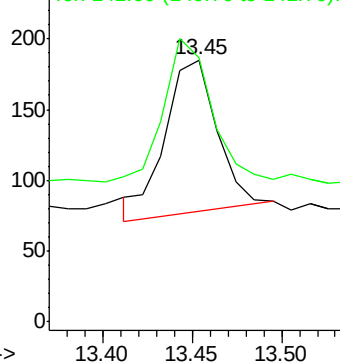
Ion Ratio Lower Upper

142 100

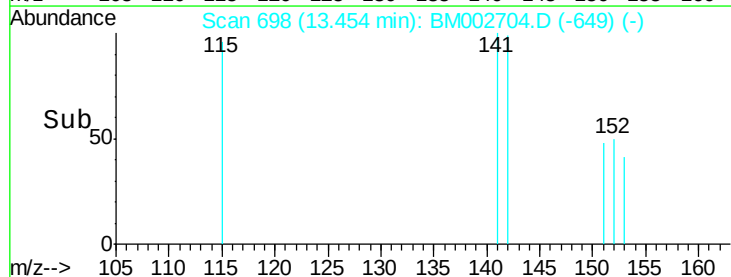
141 79.9 70.3 105.5

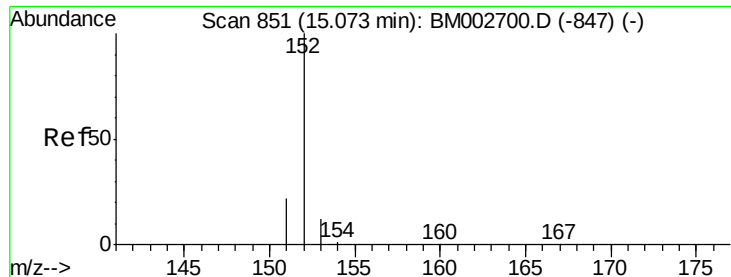


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E



Time-->





#9

Acenaphthylene

Concen: 0.00 ng/ul

RT: 15.07 min Scan# 851

Delta R.T. 0.00 min

Lab File: BM002704.D

Acq: 22 Sep 2015 21:12

Instrument :

BNA_M

ClientSampleId :

JHAF8

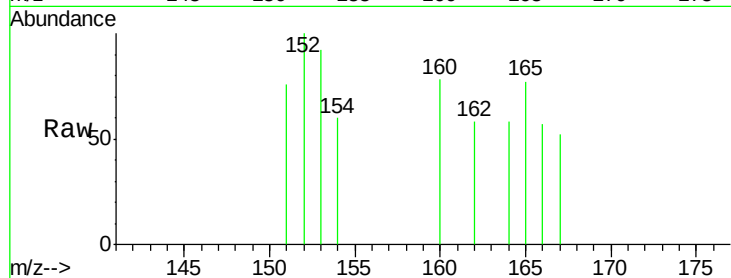
Tot Ion:152 Resp: 127

Ion Ratio Lower Upper

152 100

151 75.8 16.8 25.2#

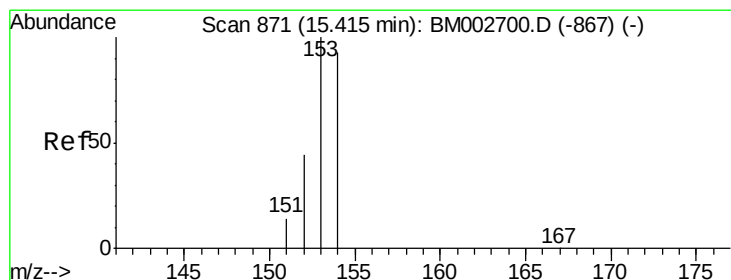
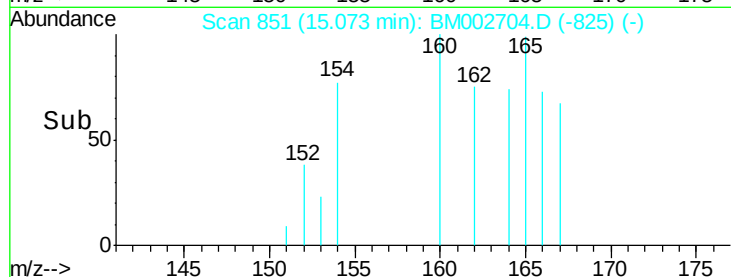
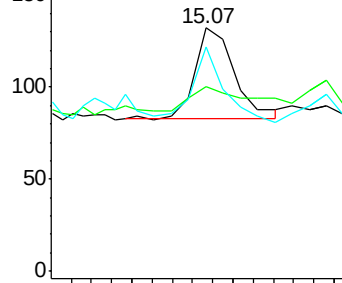
153 92.4 11.3 16.9#



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: 0.00 ng/ul

RT: 15.42 min Scan# 871

Delta R.T. 0.00 min

Lab File: BM002704.D

Acq: 22 Sep 2015 21:12

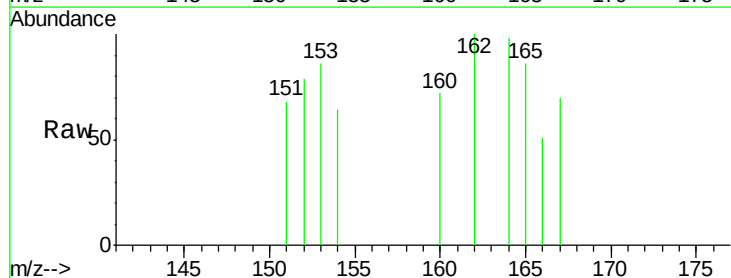
Tgt Ion:153 Resp: 75

Ion Ratio Lower Upper

153 100

152 92.6 42.3 63.5#

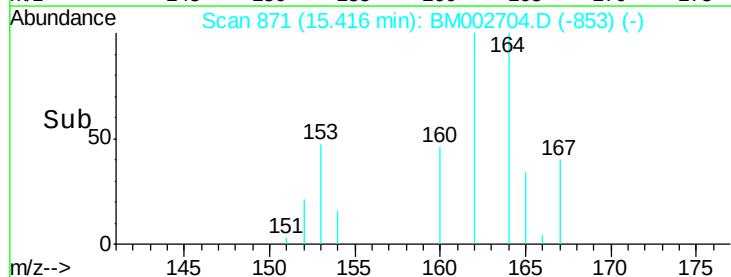
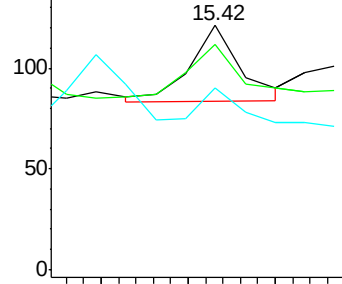
154 74.4 64.7 97.1

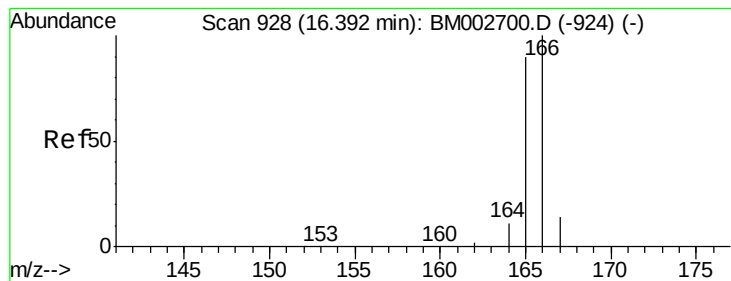


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#11

Fluorene

Concen: 0.01 ng/ul

RT: 16.39 min Scan# 928

Delta R.T. 0.00 min

Lab File: BM002704.D

Acq: 22 Sep 2015 21:12

Instrument :

BNA_M

ClientSampleId :

JHAF8

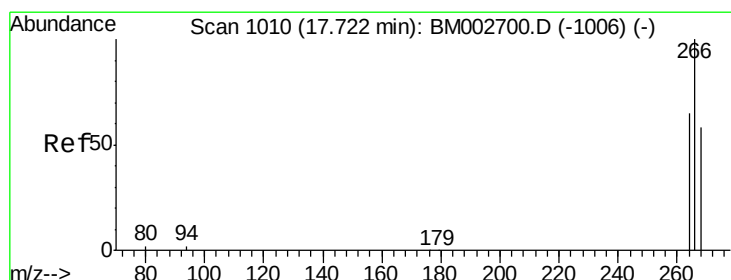
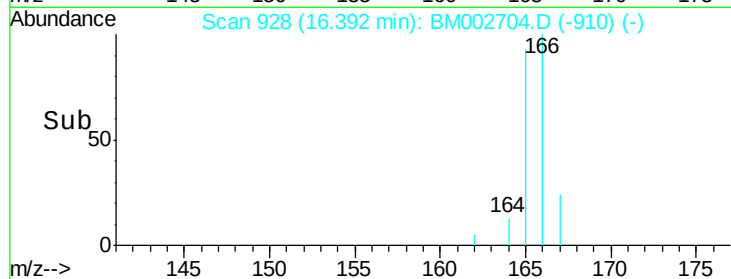
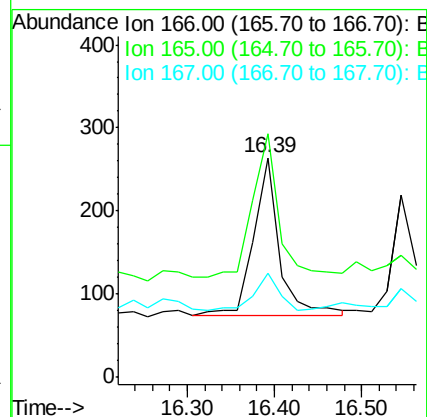
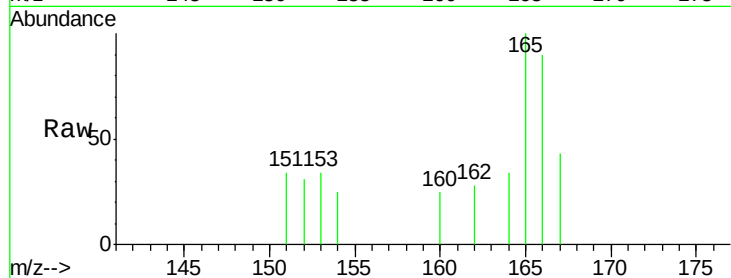
Tot Ion:166 Resp: 396

Ion Ratio Lower Upper

166 100

165 111.0 87.6 131.4

167 47.3 11.1 16.7#



#13

Pentachlorophenol

Concen: 0.00 ng/ul

RT: 17.58 min Scan# 1001

Delta R.T. -0.14 min

Lab File: BM002704.D

Acq: 22 Sep 2015 21:12

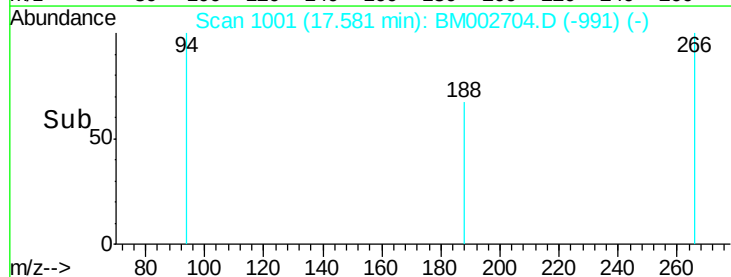
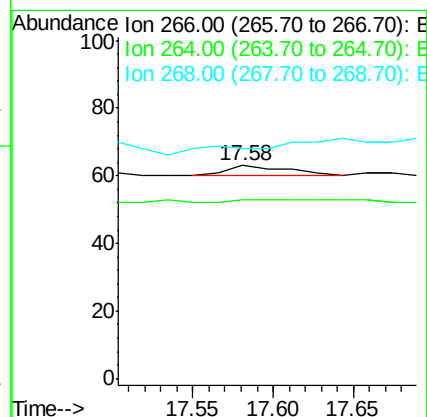
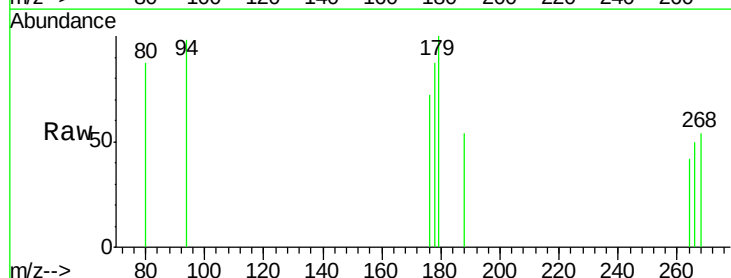
Tgt Ion:266 Resp: 8

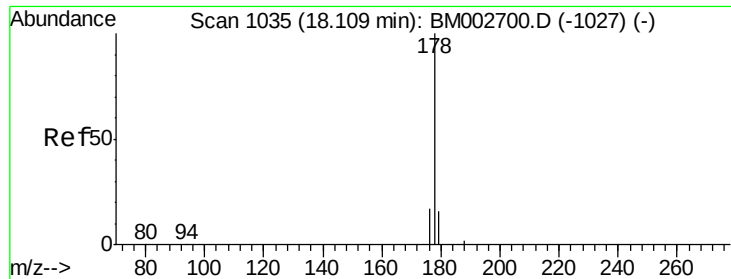
Ion Ratio Lower Upper

266 100

264 75.0 53.5 80.3

268 75.0 54.2 81.2





#14

Phenanthrene

Concen: 0.01 ng/ul

RT: 18.11 min Scan# 1035

Delta R.T. -0.00 min

Lab File: BM002704.D

Acq: 22 Sep 2015 21:12

Instrument :

BNA_M

ClientSampleId :

JHAF8

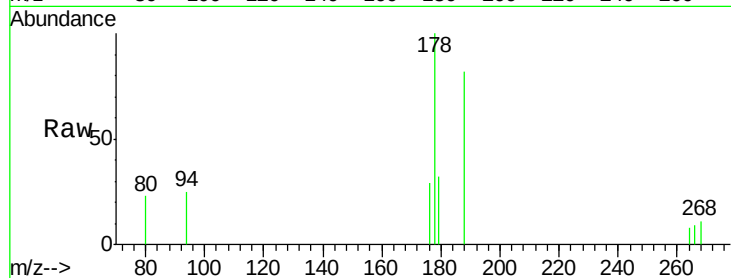
Tot Ion:178 Resp: 1047

Ion Ratio Lower Upper

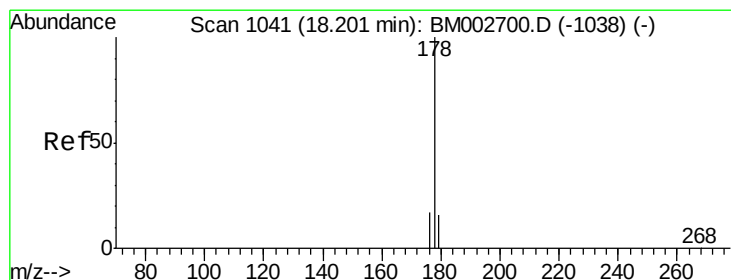
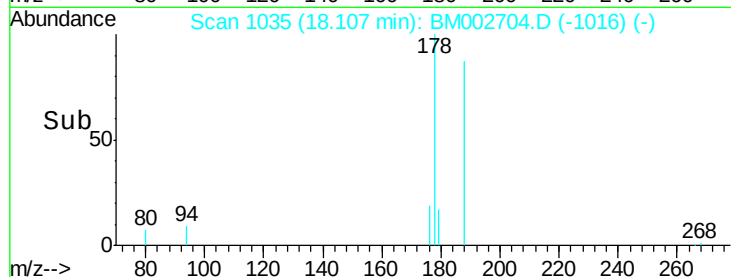
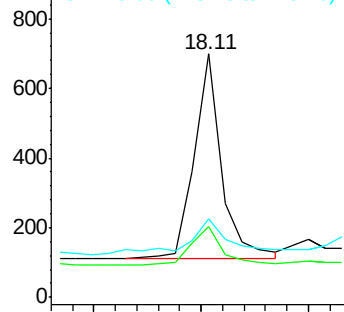
178 100

176 28.9 16.2 24.4#

179 32.3 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: 0.00 ng/ul

RT: 18.20 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BM002704.D

Acq: 22 Sep 2015 21:12

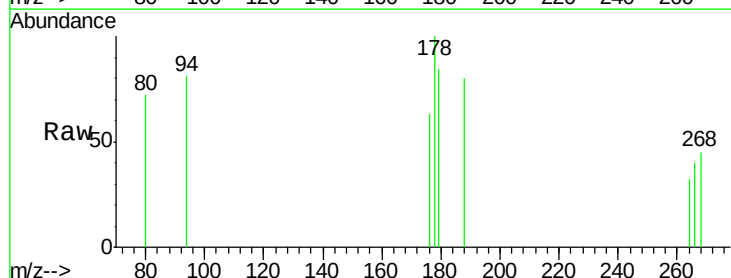
Tgt Ion:178 Resp: 223

Ion Ratio Lower Upper

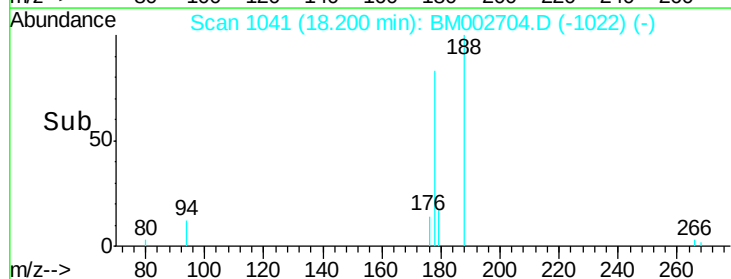
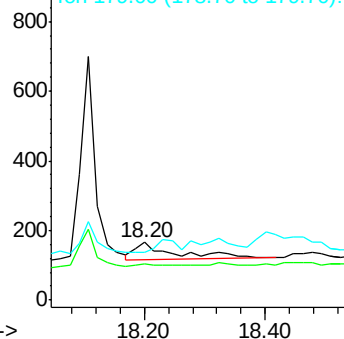
178 100

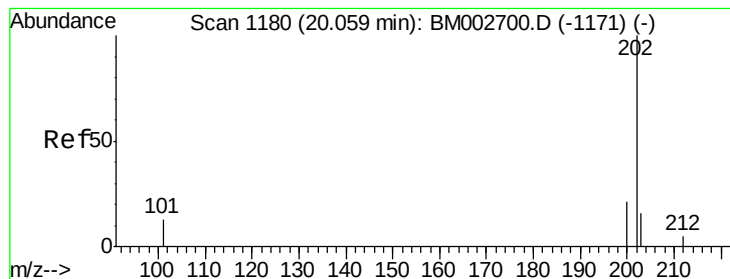
176 62.7 15.8 23.8#

179 83.7 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: 0.00 ng/ul

RT: 20.06 min Scan# 1180

Delta R.T. 0.00 min

Lab File: BM002704.D

Acq: 22 Sep 2015 21:12

Instrument :

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ClientSampleId :

JHAF8

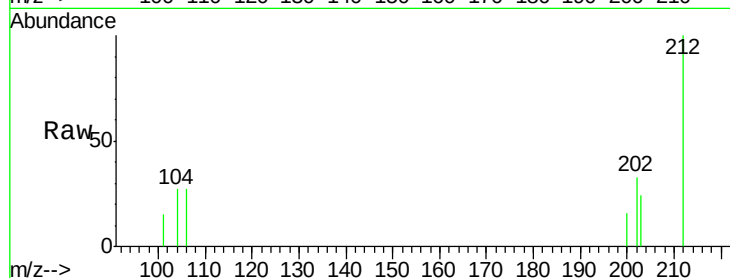
Tot Ion:202 Resp: 314

Ion Ratio Lower Upper

202 100

101 46.8 0.0 33.1#

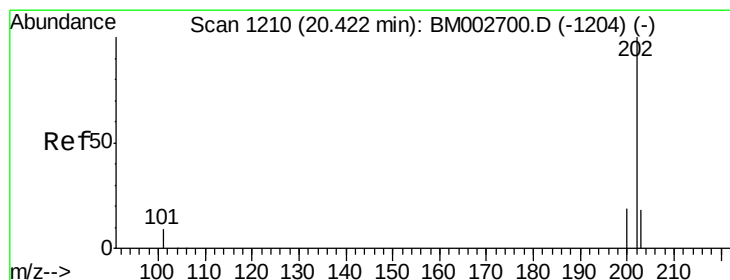
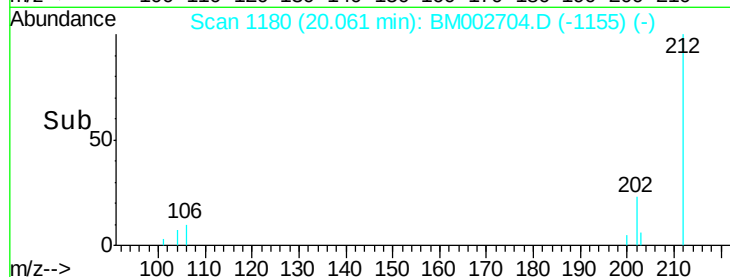
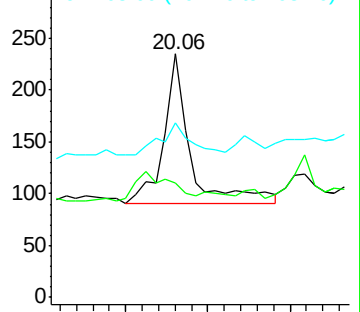
203 71.5 0.0 37.2#



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: 0.00 ng/ul

RT: 20.42 min Scan# 1210

Delta R.T. 0.00 min

Lab File: BM002704.D

Acq: 22 Sep 2015 21:12

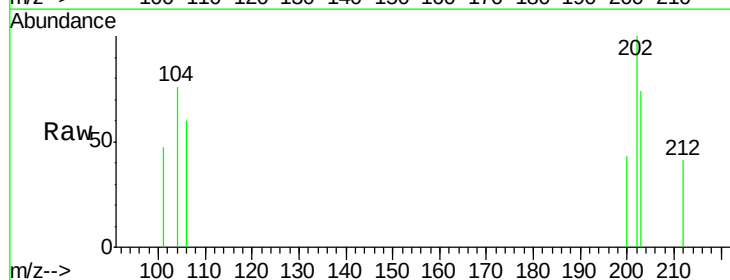
Tgt Ion:202 Resp: 347

Ion Ratio Lower Upper

202 100

200 43.4 18.0 27.0#

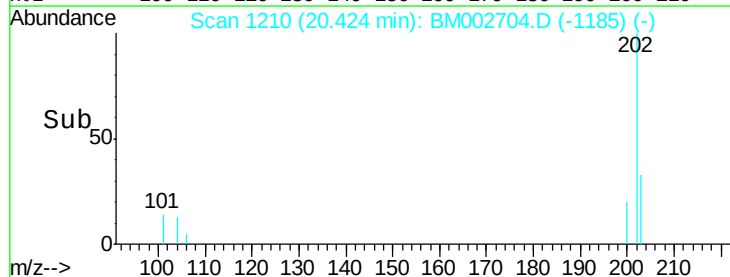
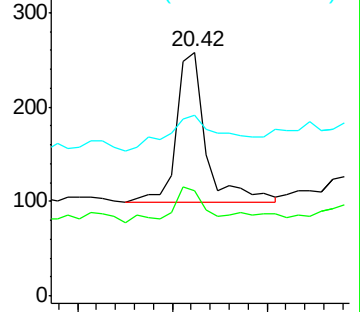
203 74.4 13.8 20.6#

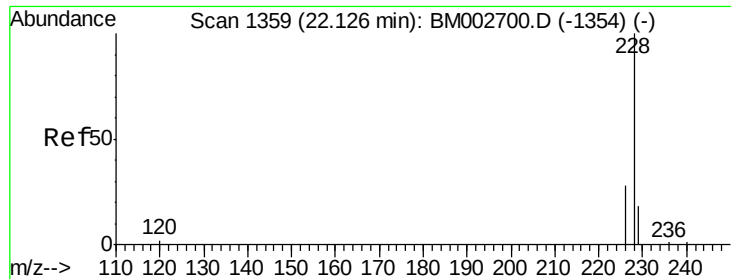


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#20

Benzo(a)anthracene

Concen: 0.00 ng/ul

RT: 22.14 min Scan# 1360

Delta R.T. 0.01 min

Lab File: BM002704.D

Acq: 22 Sep 2015 21:12

Instrument :

BNA_M

ClientSampleId :

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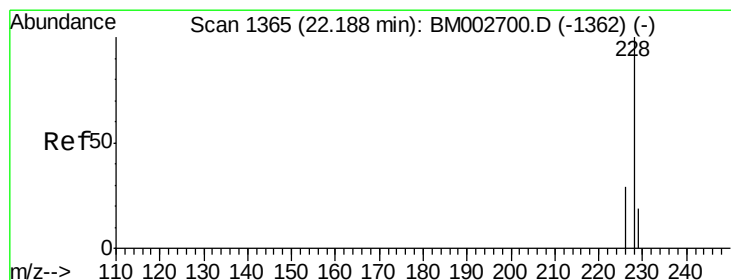
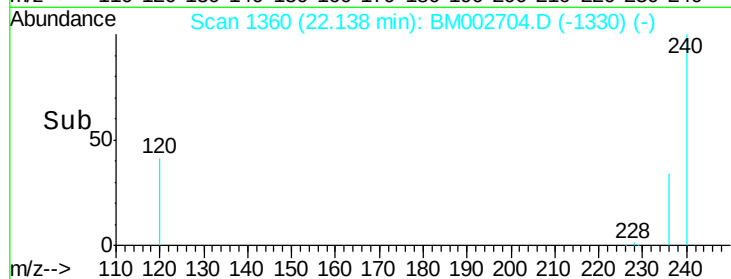
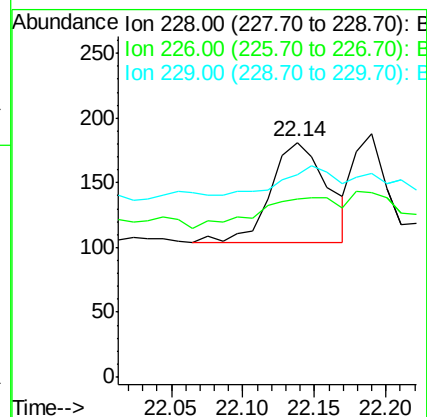
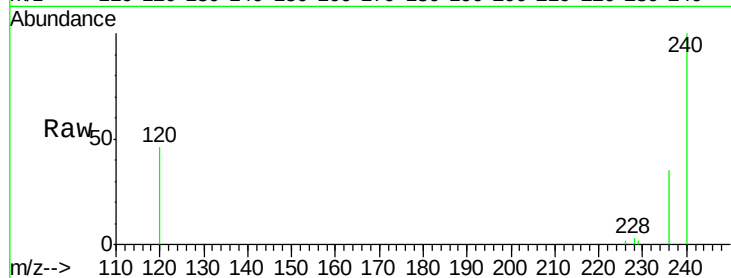
Tot Ion:228 Resp: 214

Ion Ratio Lower Upper

228 100

226 75.7 23.0 34.4#

229 86.2 15.2 22.8#



#21

Chrysene

Concen: 0.00 ng/ul

RT: 22.19 min Scan# 1365

Delta R.T. 0.00 min

Lab File: BM002704.D

Acq: 22 Sep 2015 21:12

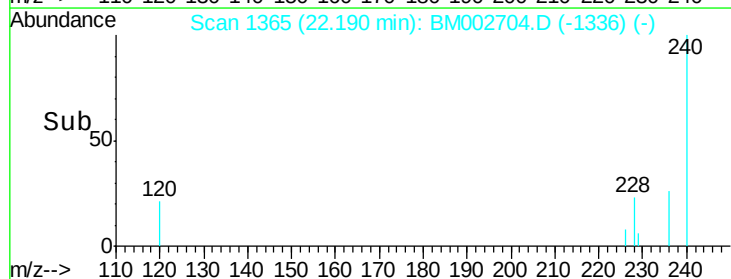
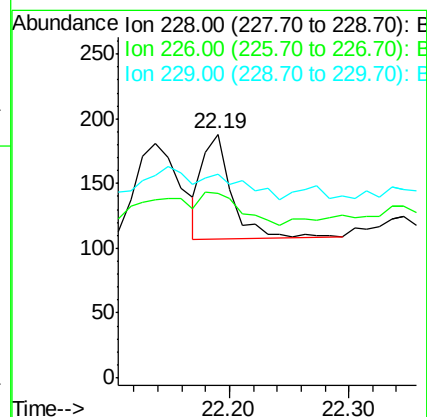
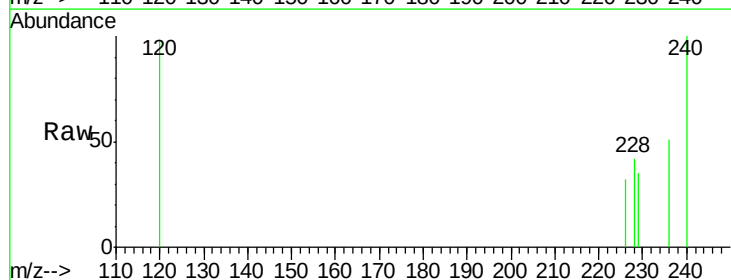
Tgt Ion:228 Resp: 137

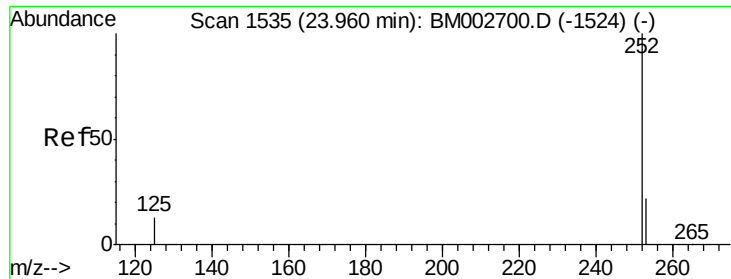
Ion Ratio Lower Upper

228 100

226 75.5 25.7 38.5#

229 83.5 15.2 22.8#





#23

Benzo(b)fluoranthene

Concen: 0.00 ng/ul

RT: 23.95 min Scan# 1534

Delta R.T. -0.01 min

Lab File: BM002704.D

Acq: 22 Sep 2015 21:12

Instrument :

BNA_M

ClientSampleId :

JHAF8

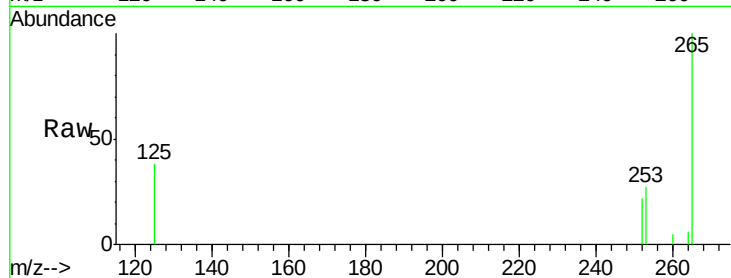
Tot Ion:252 Resp: 238

Ion Ratio Lower Upper

252 100

253 126.1 0.0 48.0#

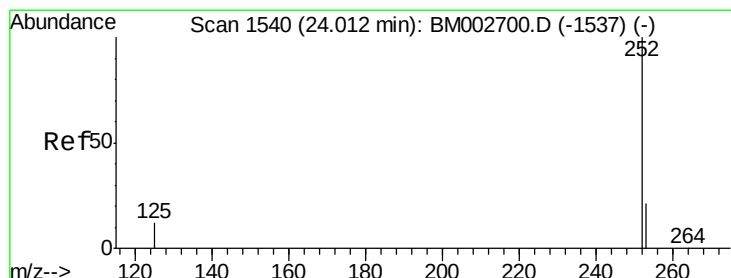
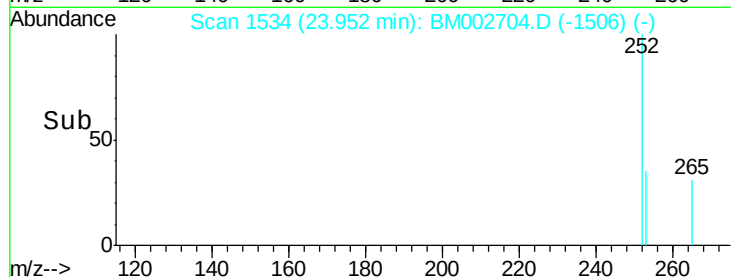
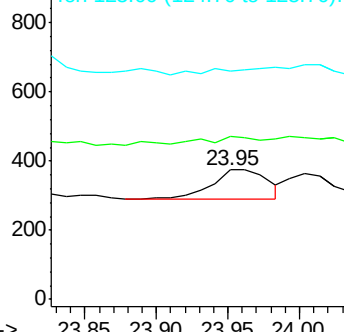
125 176.3 0.0 36.6#



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: 0.00 ng/ul

RT: 24.00 min Scan# 1539

Delta R.T. -0.01 min

Lab File: BM002704.D

Acq: 22 Sep 2015 21:12

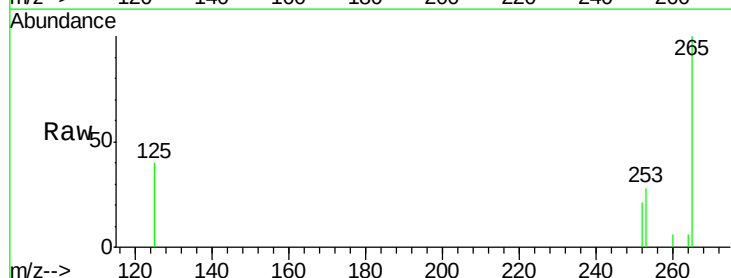
Tgt Ion:252 Resp: 148

Ion Ratio Lower Upper

252 100

253 129.2 20.8 31.2#

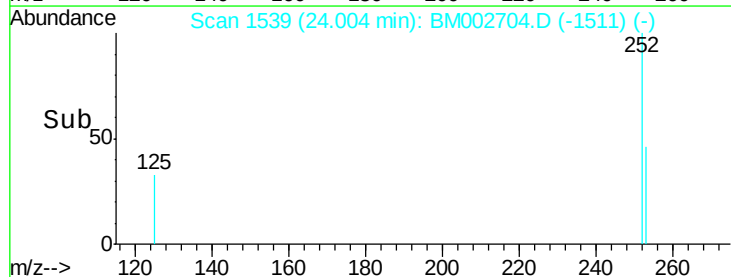
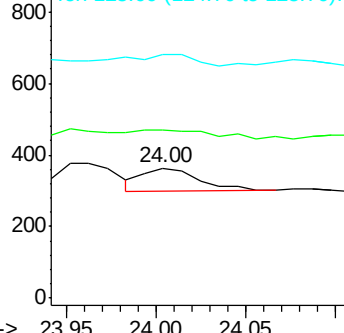
125 187.1 12.2 18.4#

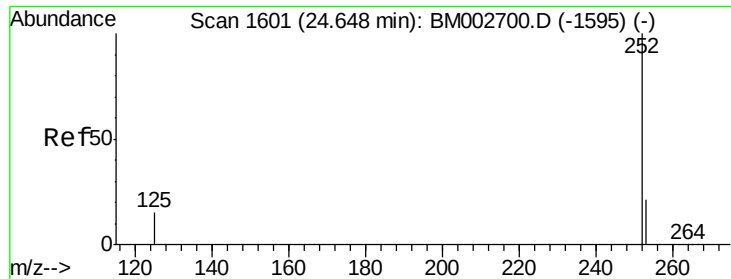


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

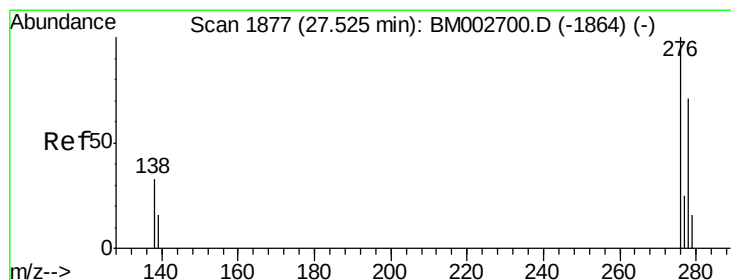
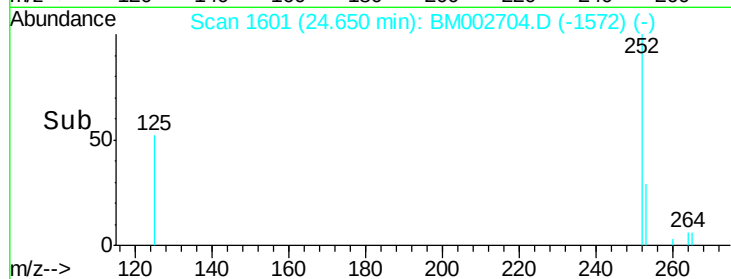
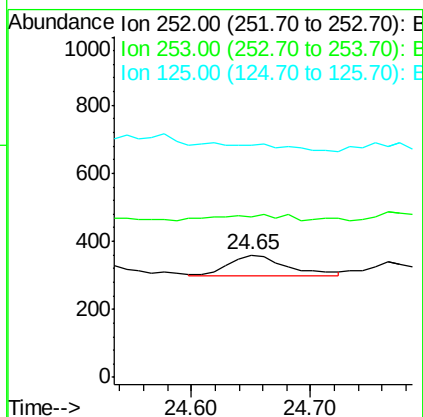
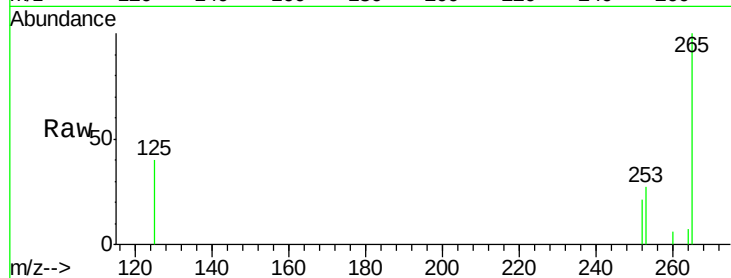




#25
Benzo(a)pyrene
Concen: 0.00 ng/ul
RT: 24.65 min Scan# 1601
Delta R.T. 0.00 min
Lab File: BM002704.D
Acq: 22 Sep 2015 21:12

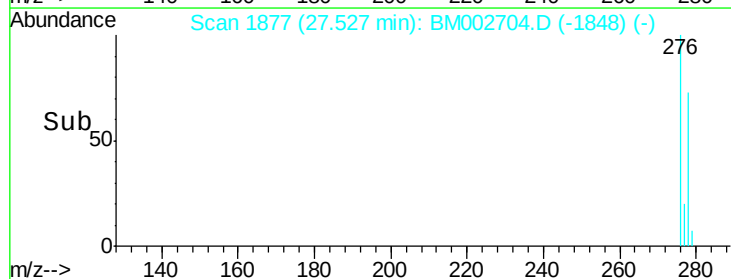
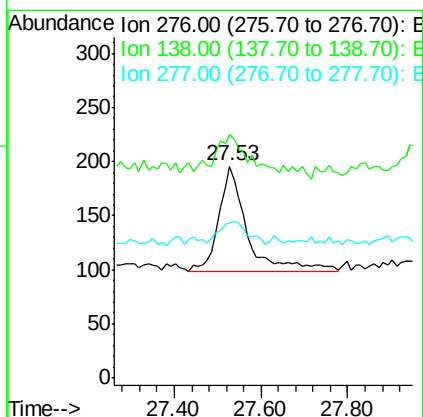
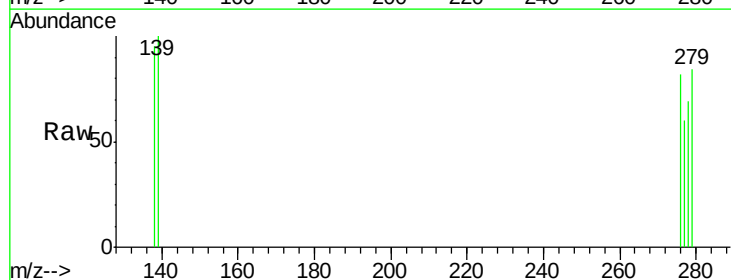
Instrument :
BNA_M
ClientSampleId :
JHAF8

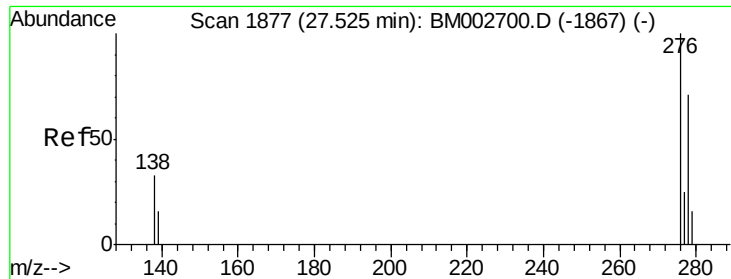
Tot Ion:252 Resp: 204
Ion Ratio Lower Upper
252 100
253 130.6 21.8 32.8#
125 189.4 14.5 21.7#



#26
Indeno(1,2,3-cd)pyrene
Concen: 0.00 ng/ul
RT: 27.53 min Scan# 1877
Delta R.T. 0.00 min
Lab File: BM002704.D
Acq: 22 Sep 2015 21:12

Tgt Ion:276 Resp: 450
Ion Ratio Lower Upper
276 100
138 39.1 27.5 41.3
277 21.6 19.3 28.9

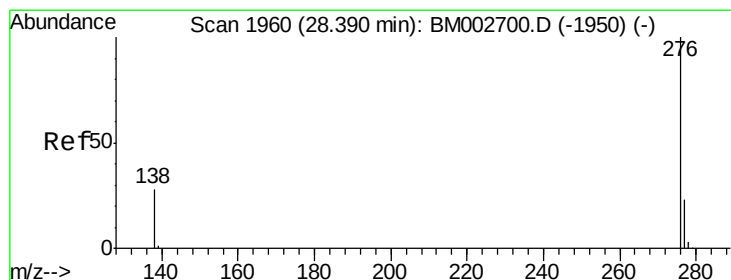
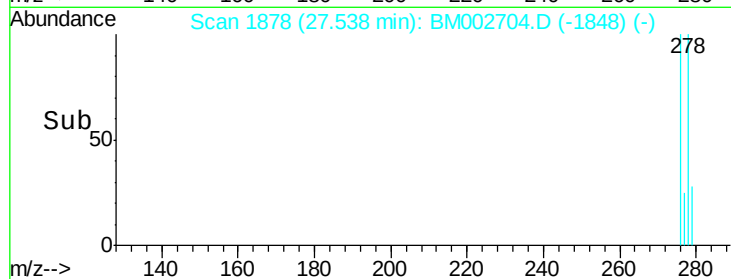
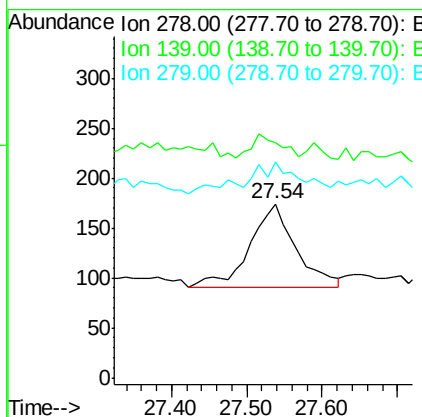
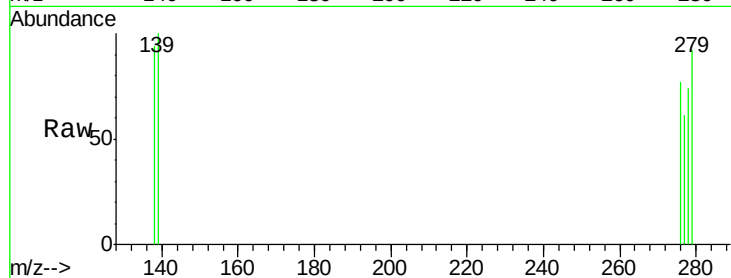




#27
Dibenzo(a,h)anthracene
Concen: 0.00 ng/ul
RT: 27.54 min Scan# 1878
Delta R.T. 0.01 min
Lab File: BM002704.D
Acq: 22 Sep 2015 21:12

Instrument :
BNA_M
ClientSampleId :
JHAF8

Tot Ion:278 Resp: 348
Ion Ratio Lower Upper
278 100
139 135.1 21.7 32.5#
279 124.1 21.9 32.9#



#28
Benzo(g,h,i)perylene
Concen: 0.00 ng/ul
RT: 28.39 min Scan# 1960
Delta R.T. 0.00 min
Lab File: BM002704.D
Acq: 22 Sep 2015 21:12

Tgt Ion:276 Resp: 306
Ion Ratio Lower Upper
276 100
277 84.6 21.3 31.9#
138 123.1 25.5 38.3#

