

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092415\
 Data File : BM002722.D
 Acq On : 24 Sep 2015 21:18
 Operator : UM/IZ
 Sample : G3741-05RE
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JHAF7RE

Quant Time: Sep 25 02:24:49 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM092415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 25 02:23:28 2015
 Response via : Initial Calibration

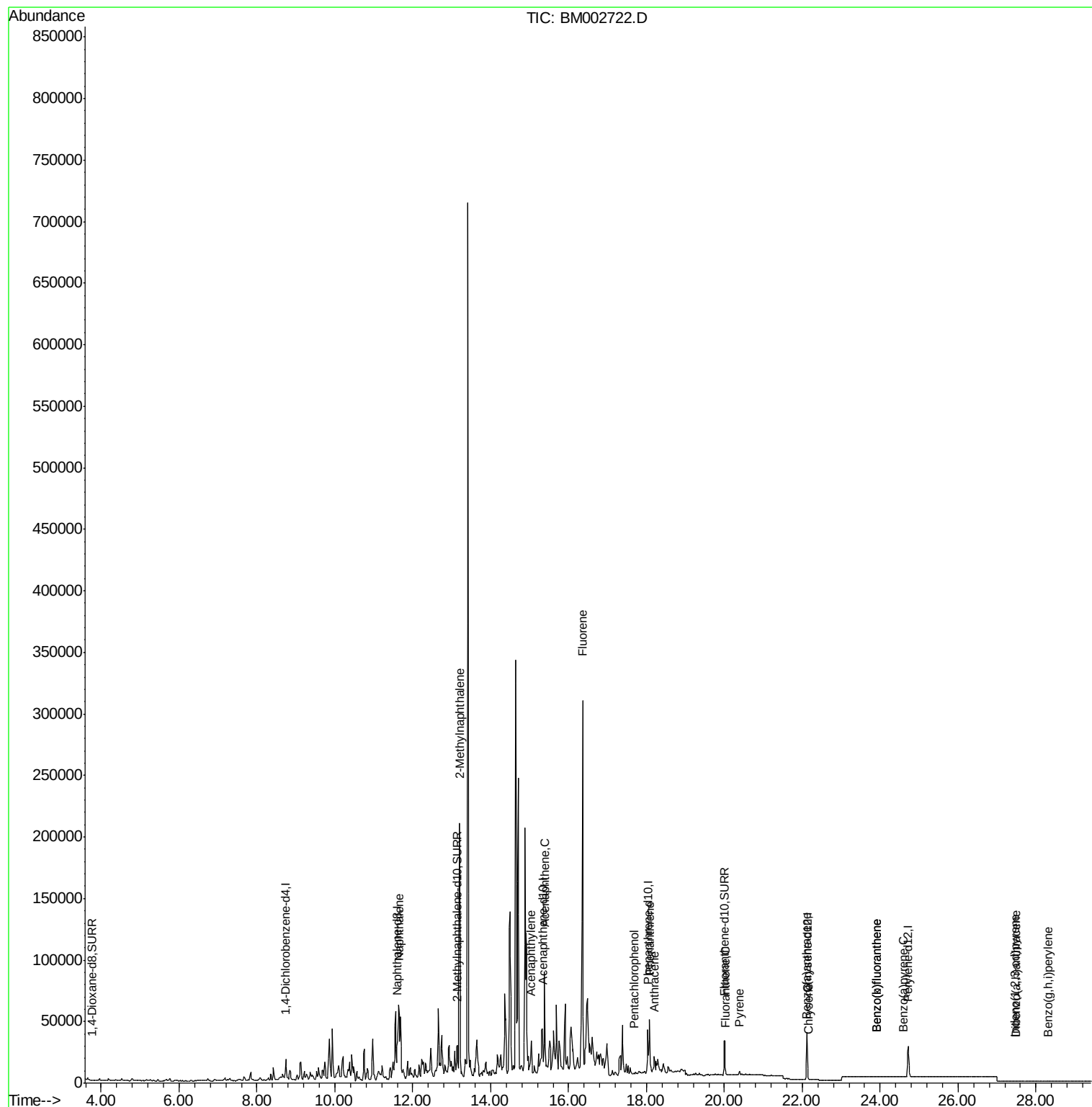
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.74	152	9475	0.40	ng/ul	0.00
4) Naphthalene-d8	11.60	136	37756	0.40	ng/ul	0.00
8) Acenaphthene-d10	15.33	164	30359	0.40	ng/ul	0.00
12) Phenanthrene-d10	18.03	188	45976	0.40	ng/ul	0.00
18) Chrysene-d12	22.13	240	42272	0.40	ng/ul	0.00
22) Perylene-d12	24.72	264	38419	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.76	96	129	0.01	ng/uL	-0.05
6) 2-Methylnaphthalene-d10	13.13	152	29079	0.53	ng/ul	0.00
16) Fluoranthene-d10	20.01	212	38286	0.33	ng/ul	0.00
Target Compounds				Ovalue		
5) Naphthalene	11.64	128	124829	1.22	ng/ul#	62
7) 2-Methylnaphthalene	13.20	142	165330	2.51	ng/ul	100
9) Acenaphthylene	15.04	152	13810	0.09	ng/ul#	1
10) Acenaphthene	15.38	153	48525	0.42	ng/ul	100
11) Fluorene	16.36	166	204601	1.57	ng/ul	86
13) Pentachlorophenol	17.69	266	94	0.01	ng/ul#	71
14) Phenanthrene	18.08	178	55137	0.37	ng/ul#	91
15) Anthracene	18.20	178	10267	0.07	ng/ul#	1
17) Fluoranthene	20.03	202	2194	0.01	ng/ul#	5
19) Pyrene	20.39	202	3197	0.02	ng/ul#	31
20) Benzo(a)anthracene	22.10	228	458	0.00	ng/ul#	1
21) Chrysene	22.16	228	563	0.00	ng/ul#	6
23) Benzo(b)fluoranthene	23.92	252	394	0.00	ng/ul#	1
24) Benzo(k)fluoranthene	23.92	252	400	0.00	ng/ul#	1
25) Benzo(a)pyrene	24.61	252	102	0.00	ng/ul#	1
26) Indeno(1,2,3-cd)pyrene	27.46	276	112	0.00	ng/ul#	45
27) Dibenzo(a,h)anthracene	27.47	278	75	0.00	ng/ul#	1
28) Benzo(a,h,i)perylene	28.31	276	88	0.00	ng/ul#	1

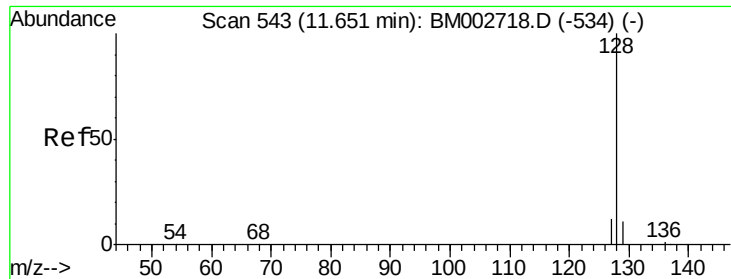
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 1.22 ng/ul

RT: 11.64 min Scan# 542

Delta R.T. -0.01 min

Lab File: BM002722.D

Acq: 24 Sep 2015 21:18

Instrument :

BNA_M

ClientSampleId :

JHAF7RE

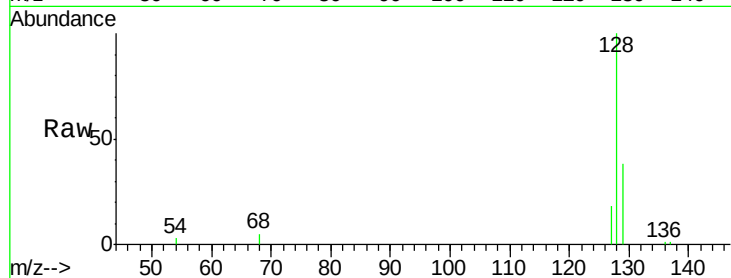
Tot Ion:128 Resp: 124829

Ion Ratio Lower Upper

128 100

129 38.5 9.8 14.8#

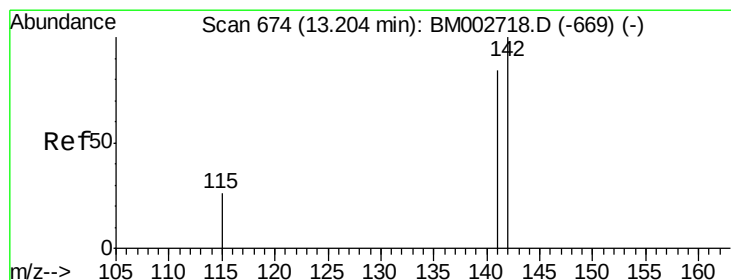
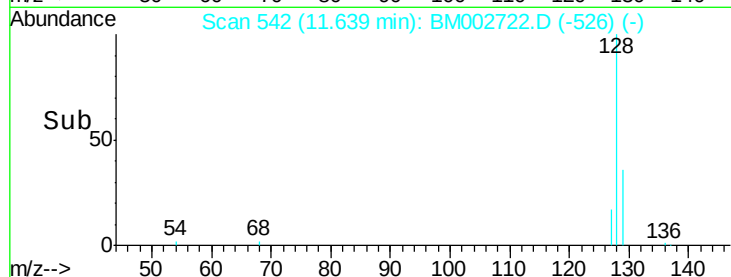
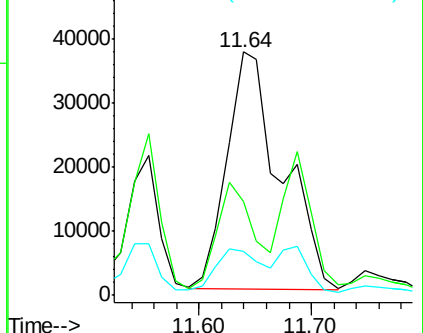
127 18.2 10.7 16.1#



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: 2.51 ng/ul

RT: 13.20 min Scan# 674

Delta R.T. 0.00 min

Lab File: BM002722.D

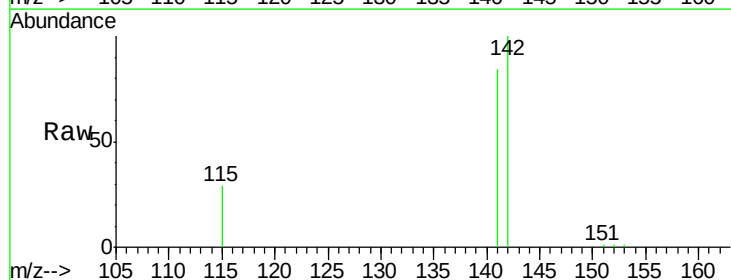
Acq: 24 Sep 2015 21:18

Tgt Ion:142 Resp: 165330

Ion Ratio Lower Upper

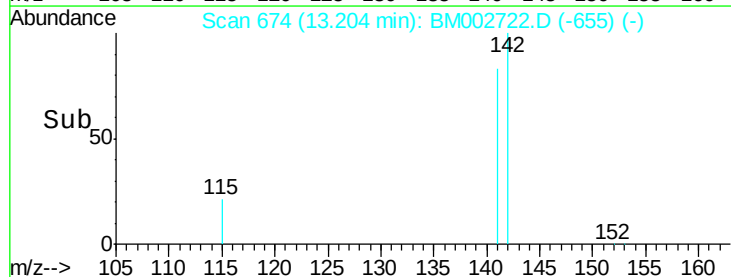
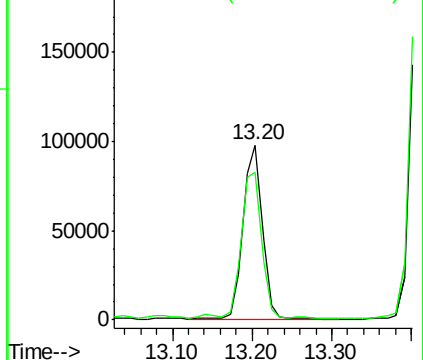
142 100

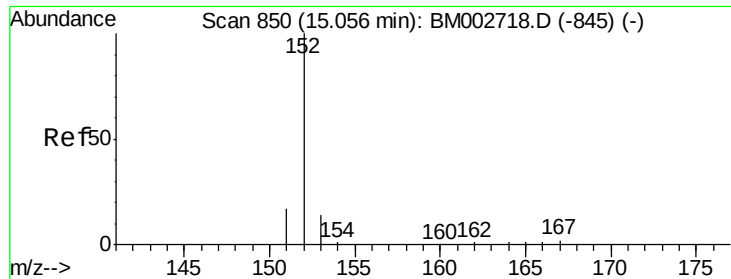
141 88.1 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#9

Acenaphthylene

Concen: 0.09 ng/ul

RT: 15.04 min Scan# 849

Delta R.T. -0.02 min

Lab File: BM002722.D

Acq: 24 Sep 2015 21:18

Instrument :

BNA_M

ClientSampled :

JHAF7RE

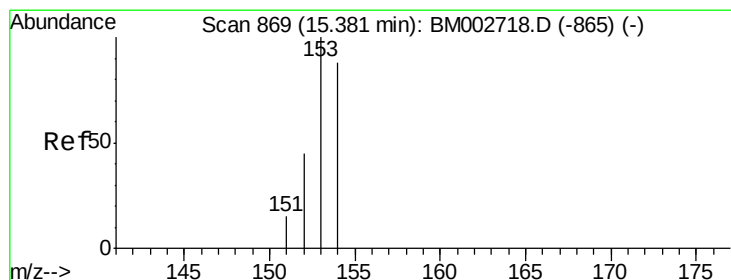
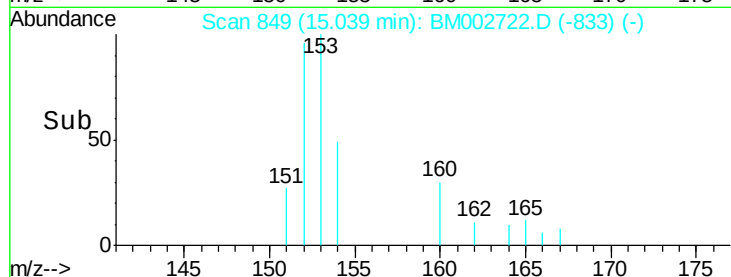
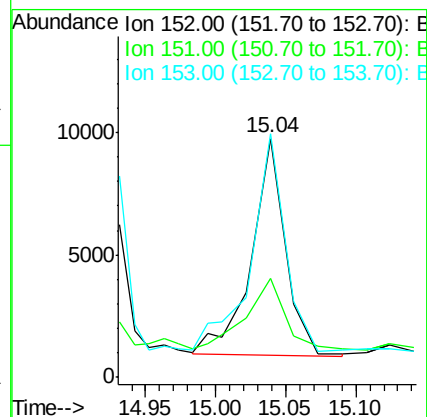
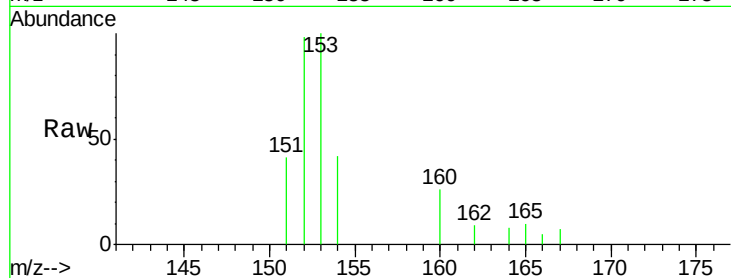
Tot Ion:152 Resp: 13810

Ion Ratio Lower Upper

152 100

151 41.6 16.8 25.2#

153 102.0 11.3 16.9#



#10

Acenaphthene

Concen: 0.42 ng/ul

RT: 15.38 min Scan# 869

Delta R.T. 0.00 min

Lab File: BM002722.D

Acq: 24 Sep 2015 21:18

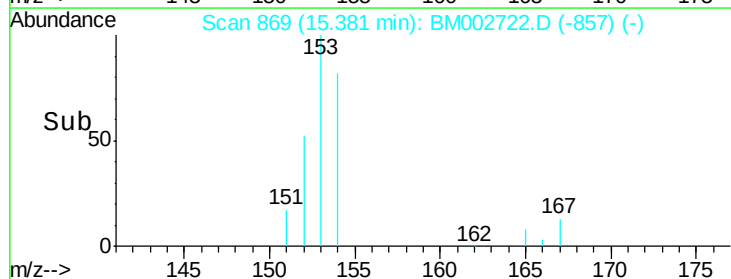
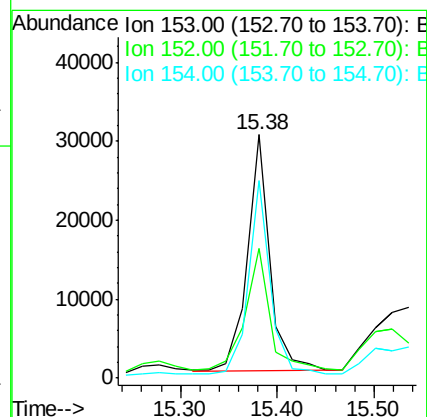
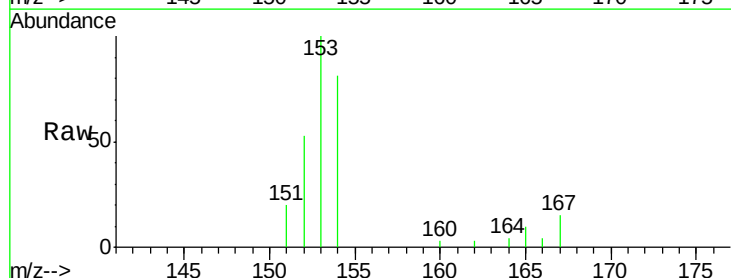
Tgt Ion:153 Resp: 48525

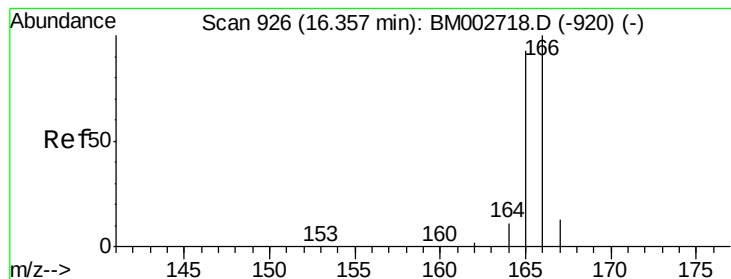
Ion Ratio Lower Upper

153 100

152 53.2 42.3 63.5

154 81.2 64.7 97.1





#11

Fluorene

Concen: 1.57 ng/ul

RT: 16.36 min Scan# 926

Delta R.T. 0.00 min

Lab File: BM002722.D

Acq: 24 Sep 2015 21:18

Instrument :

BNA_M

ClientSampleId :

JHAF7RE

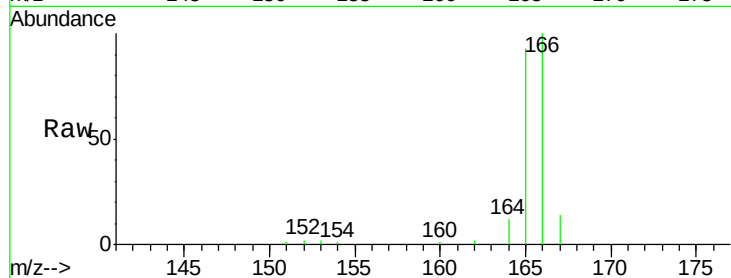
Tot Ion:166 Resp: 204601

Ion Ratio Lower Upper

166 100

165 93.0 87.6 131.4

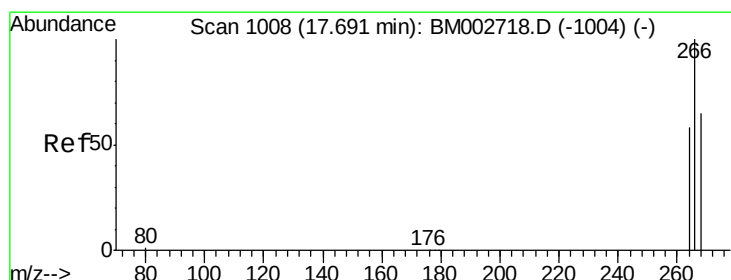
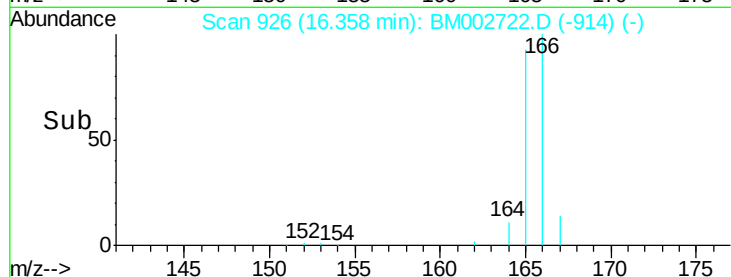
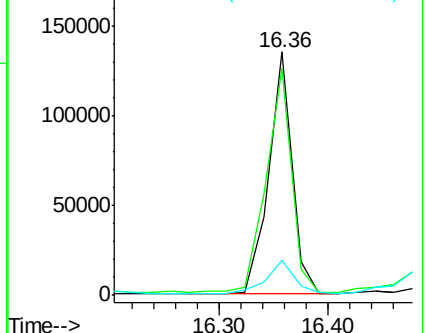
167 14.4 11.1 16.7



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: 0.01 ng/ul

RT: 17.69 min Scan# 1008

Delta R.T. 0.00 min

Lab File: BM002722.D

Acq: 24 Sep 2015 21:18

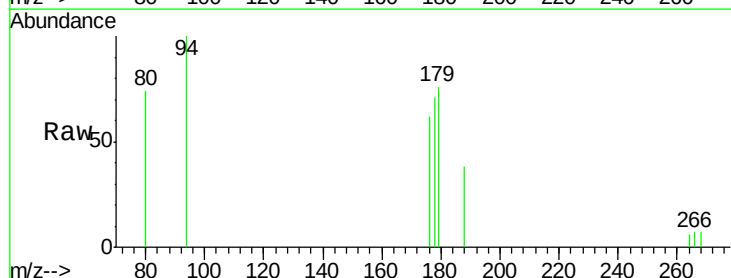
Tgt Ion:266 Resp: 94

Ion Ratio Lower Upper

266 100

264 66.0 53.5 80.3

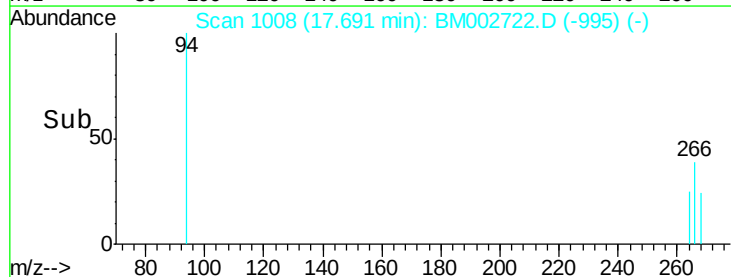
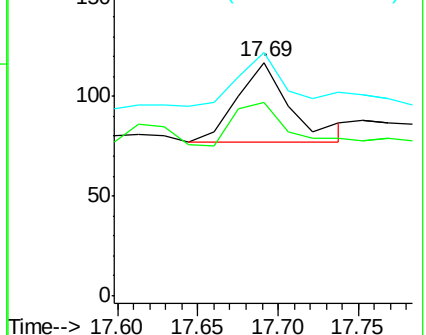
268 112.8 54.2 81.2#

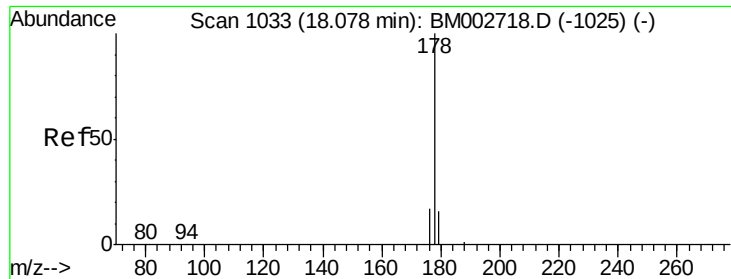


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

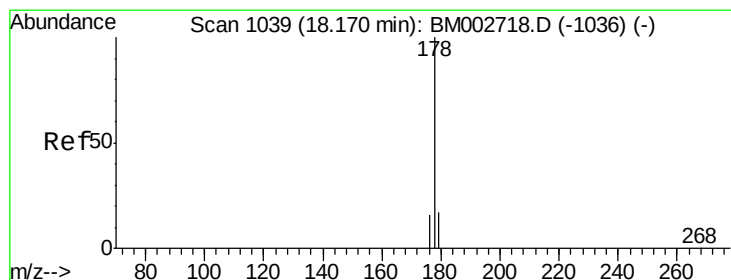
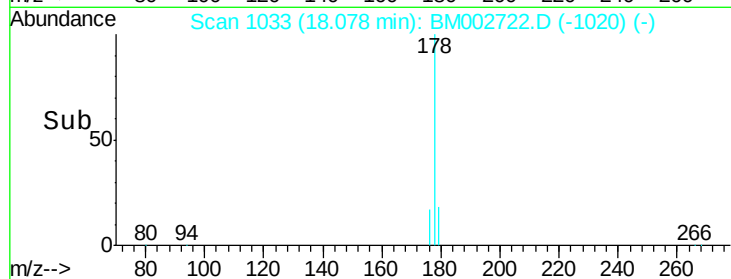
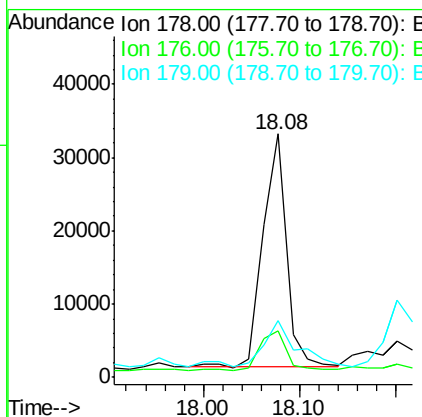
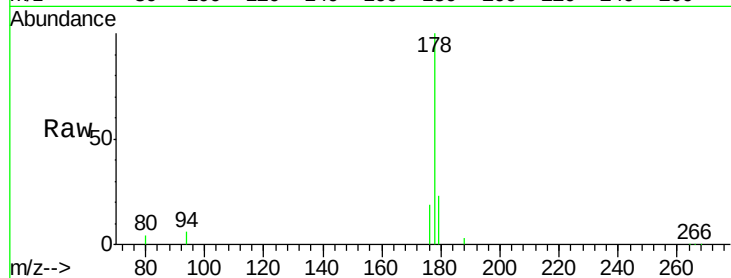




#14
Phenanthrene
Concen: 0.37 ng/ul
RT: 18.08 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BM002722.D
Acq: 24 Sep 2015 21:18

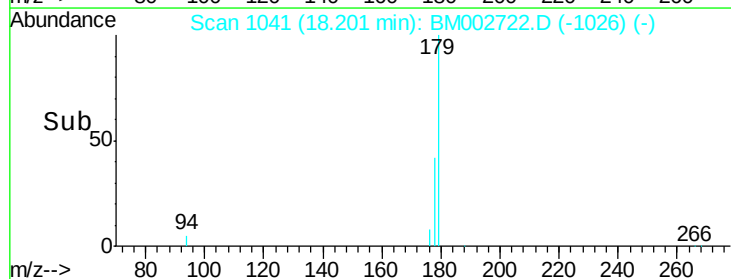
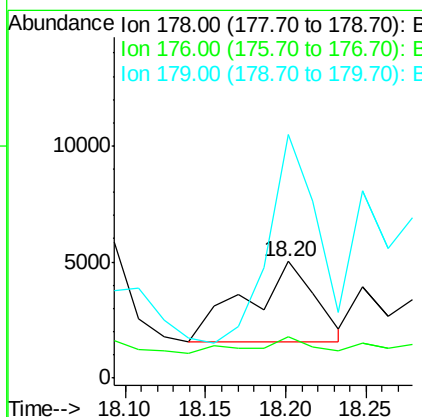
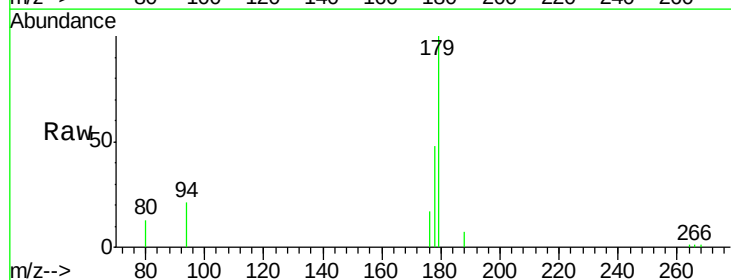
Instrument :
BNA_M
ClientSampleId :
JHAF7RE

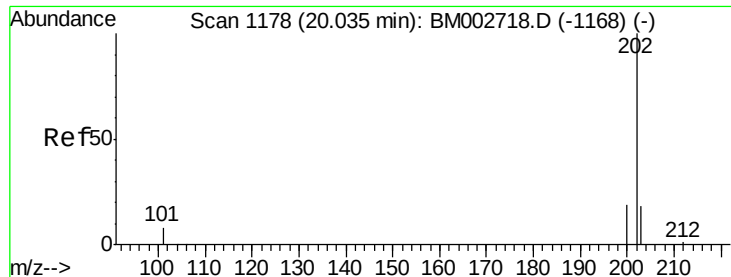
Tot Ion:178 Resp: 55137
Ion Ratio Lower Upper
178 100
176 19.2 16.2 24.4
179 23.1 12.8 19.2#



#15
Anthracene
Concen: 0.07 ng/ul
RT: 18.20 min Scan# 1041
Delta R.T. 0.03 min
Lab File: BM002722.D
Acq: 24 Sep 2015 21:18

Tgt Ion:178 Resp: 10267
Ion Ratio Lower Upper
178 100
176 35.0 15.8 23.8#
179 208.8 13.3 19.9#

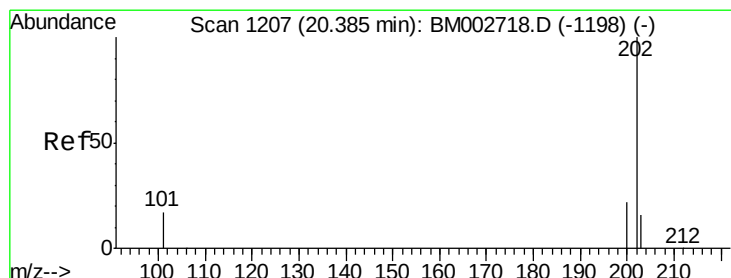
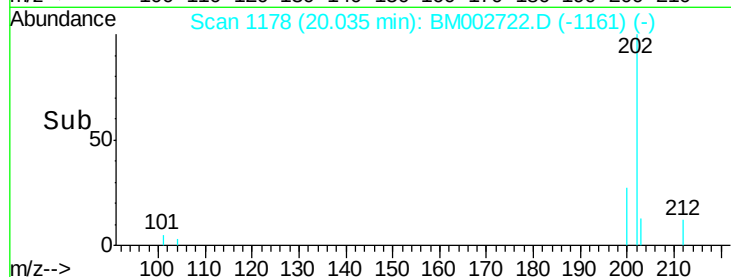
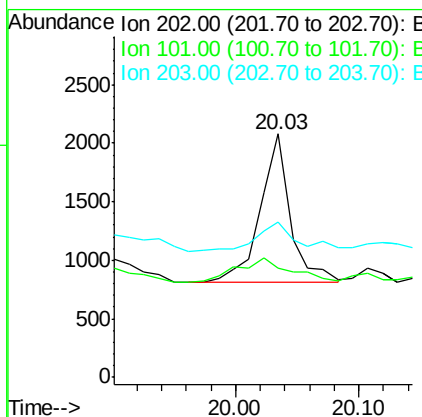
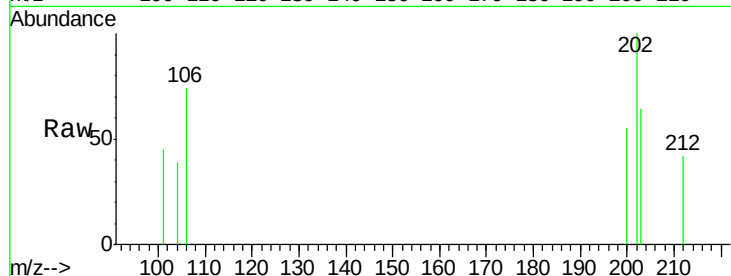




#17
 Fluoranthene
 Concen: 0.01 ng/ul
 RT: 20.03 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: BM002722.D
 Acq: 24 Sep 2015 21:18

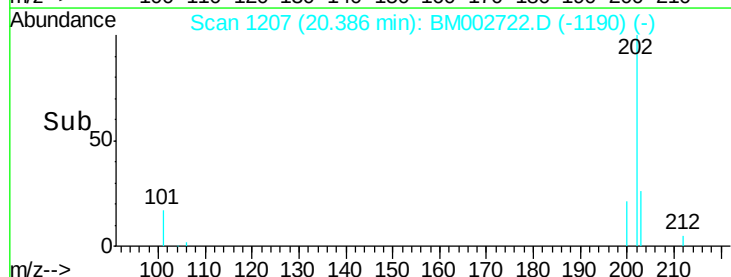
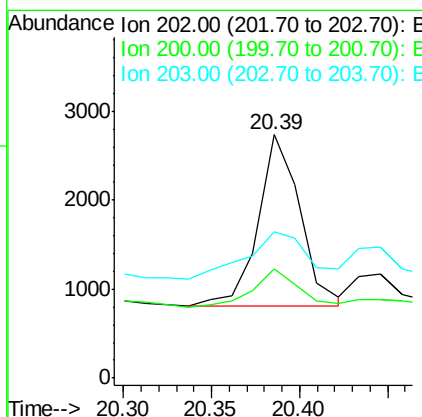
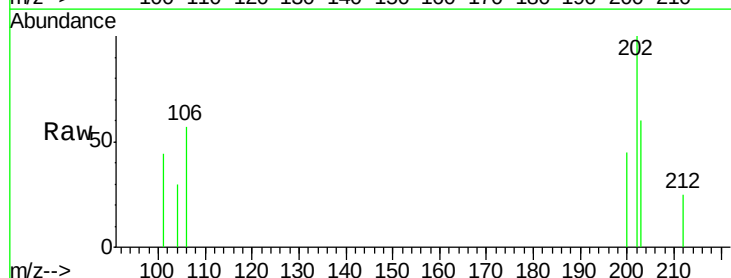
Instrument :
 BNA_M
 ClientSampleId :
 JHAF7RE

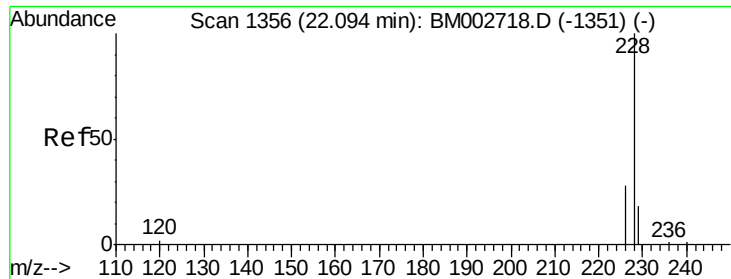
Tot Ion:202 Resp: 2194
 Ion Ratio Lower Upper
 202 100
 101 44.7 0.0 33.1#
 203 63.9 0.0 37.2#



#19
 Pyrene
 Concen: 0.02 ng/ul
 RT: 20.39 min Scan# 1207
 Delta R.T. 0.00 min
 Lab File: BM002722.D
 Acq: 24 Sep 2015 21:18

Tgt Ion:202 Resp: 3197
 Ion Ratio Lower Upper
 202 100
 200 44.6 18.0 27.0#
 203 60.3 13.8 20.6#





#20

Benzo(a)anthracene

Concen: 0.00 ng/ul

RT: 22.10 min Scan# 1357

Delta R.T. 0.01 min

Lab File: BM002722.D

Acq: 24 Sep 2015 21:18

Instrument :

BNA_M

ClientSampleId :

JHAF7RE

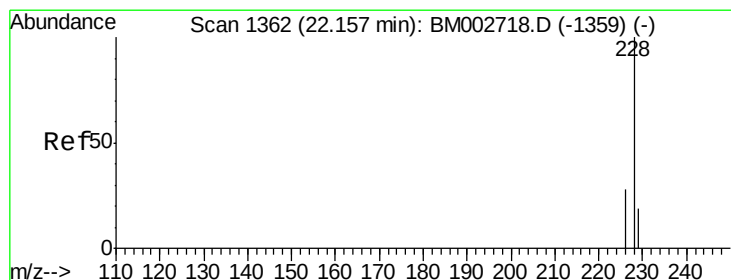
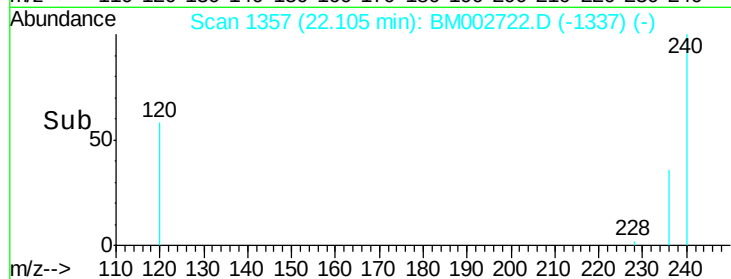
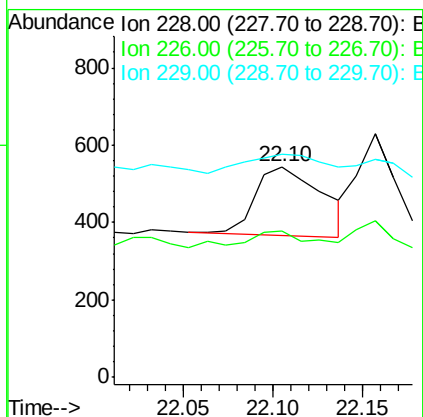
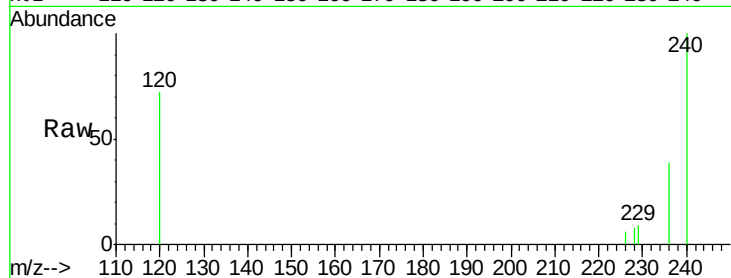
Tot Ion:228 Resp: 458

Ion Ratio Lower Upper

228 100

226 69.4 23.0 34.4#

229 106.1 15.2 22.8#



#21

Chrysene

Concen: 0.00 ng/ul

RT: 22.16 min Scan# 1362

Delta R.T. 0.00 min

Lab File: BM002722.D

Acq: 24 Sep 2015 21:18

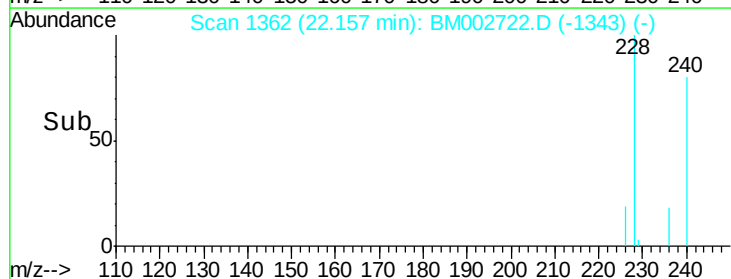
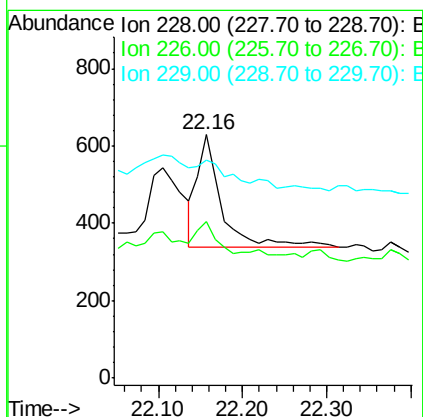
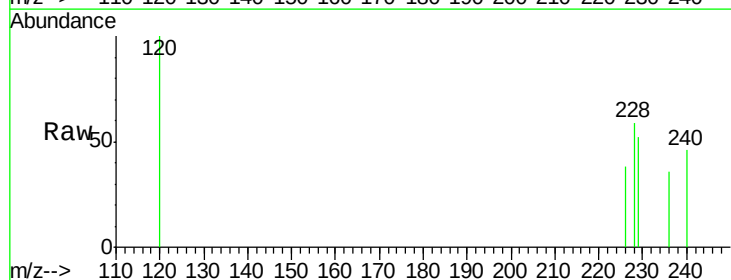
Tgt Ion:228 Resp: 563

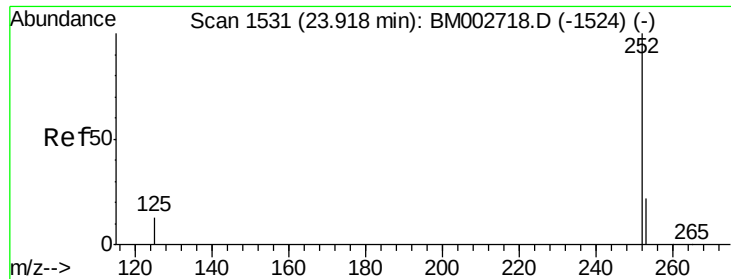
Ion Ratio Lower Upper

228 100

226 64.2 25.7 38.5#

229 89.7 15.2 22.8#





#23

Benzo(b)fluoranthene

Concen: 0.00 ng/ul

RT: 23.92 min Scan# 1531

Delta R.T. 0.00 min

Lab File: BM002722.D

Acq: 24 Sep 2015 21:18

Instrument :

BNA_M

ClientSampleId :

JHAF7RE

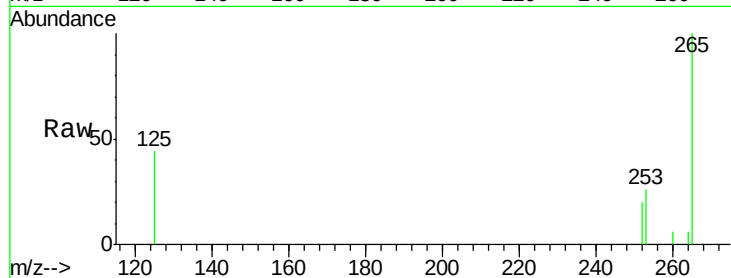
Tot Ion:252 Resp: 394

Ion Ratio Lower Upper

252 100

253 132.6 0.0 48.0#

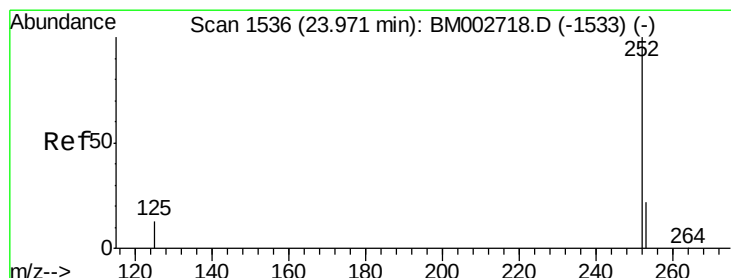
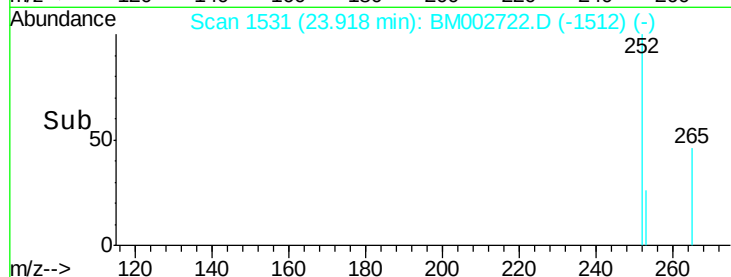
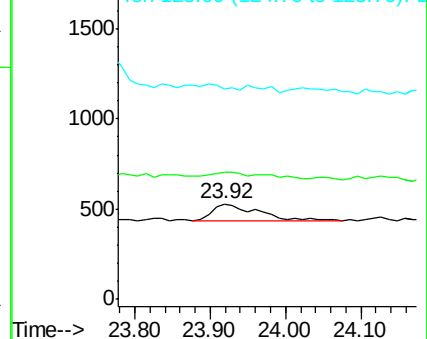
125 220.6 0.0 36.6#



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: 23.92 min Scan# 1531

Delta R.T. -0.05 min

Lab File: BM002722.D

Acq: 24 Sep 2015 21:18

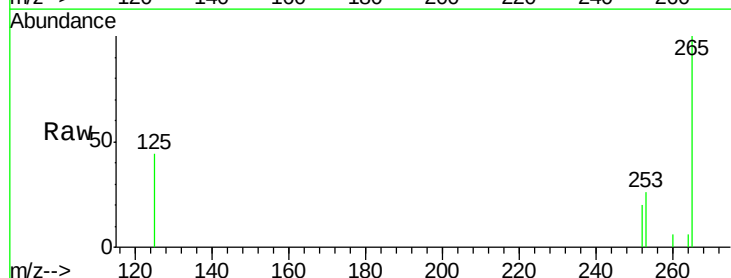
Tgt Ion:252 Resp: 400

Ion Ratio Lower Upper

252 100

253 132.6 20.8 31.2#

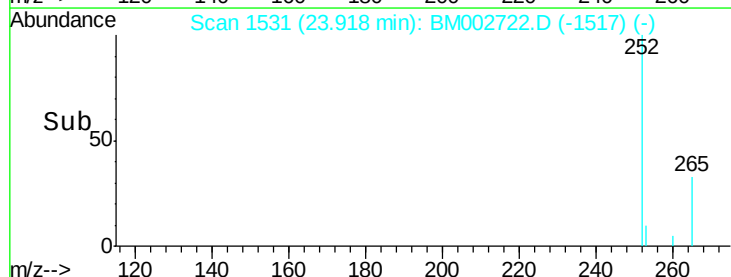
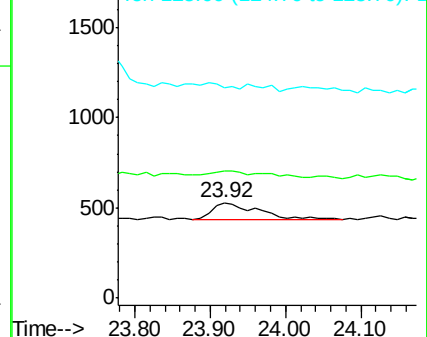
125 220.6 12.2 18.4#

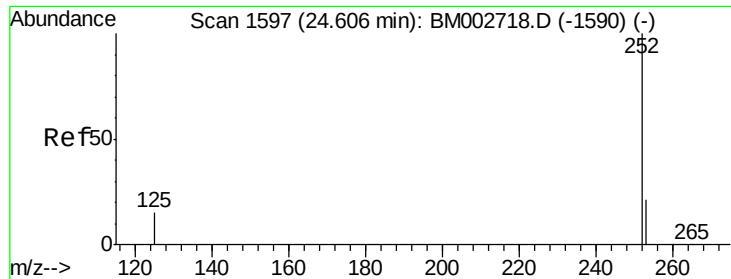


Abundance Ion 252.00 (251.70 to 252.70): E

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: 24.61 min Scan# 1597

Delta R.T. 0.00 min

Lab File: BM002722.D

Acq: 24 Sep 2015 21:18

Instrument :

BNA_M

ClientSampleId :

JHAF7RE

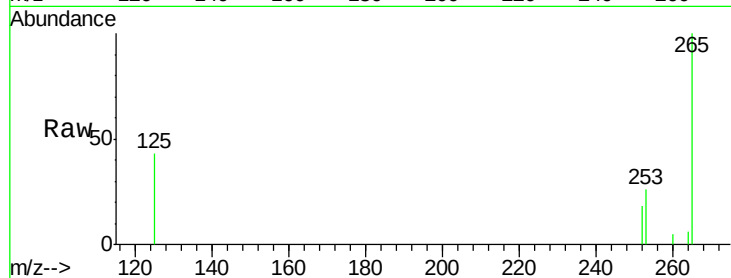
Tot Ion:252 Resp: 102

Ion Ratio Lower Upper

252 100

253 142.3 21.8 32.8#

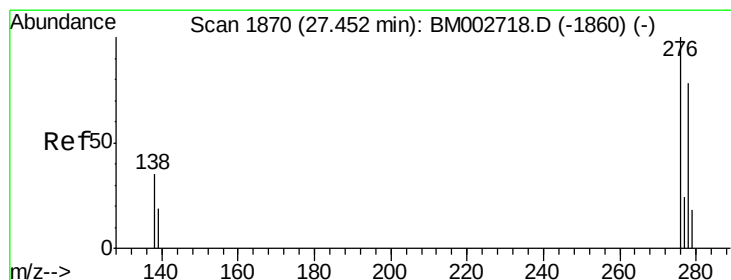
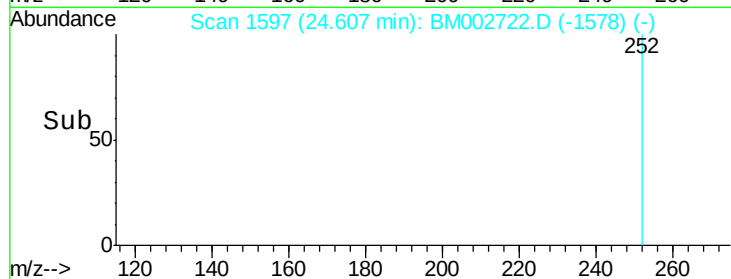
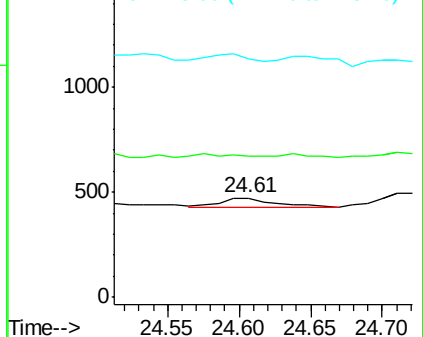
125 240.0 14.5 21.7#



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



#26

Indeno(1,2,3-cd)pyrene

Concen: 0.00 ng/ul

RT: 27.46 min Scan# 1871

Delta R.T. 0.01 min

Lab File: BM002722.D

Acq: 24 Sep 2015 21:18

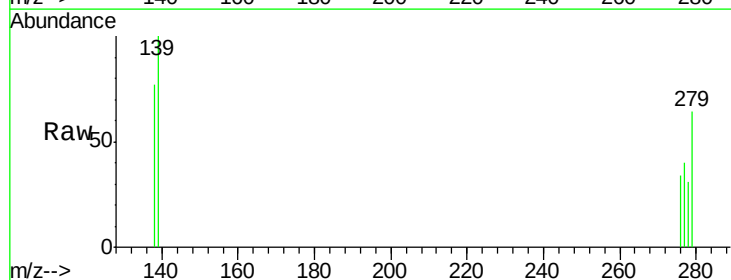
Tgt Ion:276 Resp: 112

Ion Ratio Lower Upper

276 100

138 0.0 27.5 41.3#

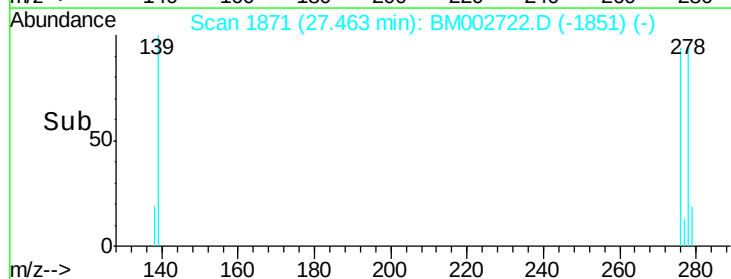
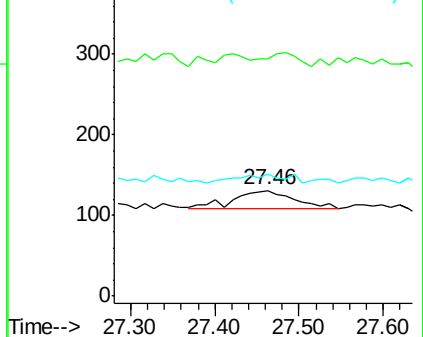
277 0.0 19.3 28.9#

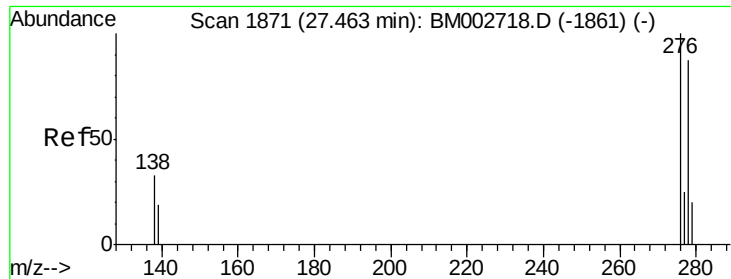


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#27

Dibenzo(a,h)anthracene

Concen: 0.00 ng/ul

RT: 27.47 min Scan# 1872

Delta R.T. 0.01 min

Lab File: BM002722.D

Acq: 24 Sep 2015 21:18

Instrument :

BNA_M

ClientSampleId :

JHAF7RE

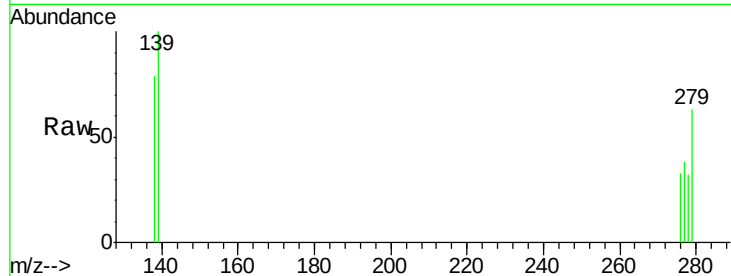
Tot Ion:278 Resp: 75

Ion Ratio Lower Upper

278 100

139 315.7 21.7 32.5#

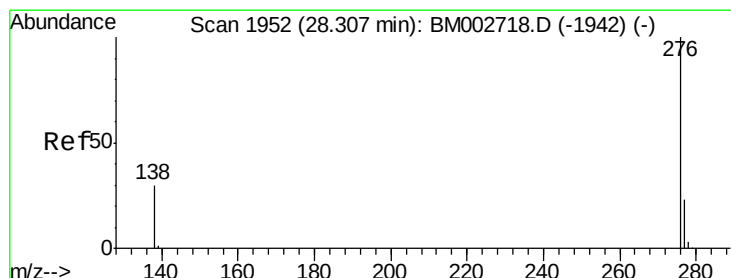
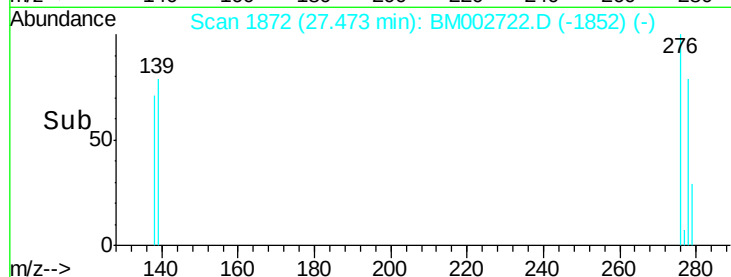
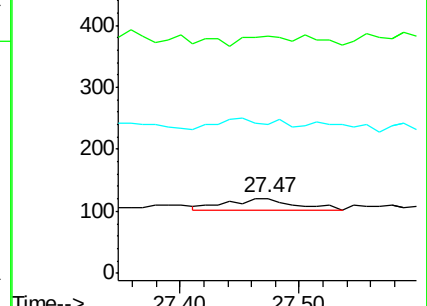
279 198.3 21.9 32.9#



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: 0.00 ng/ul

RT: 28.31 min Scan# 1952

Delta R.T. 0.00 min

Lab File: BM002722.D

Acq: 24 Sep 2015 21:18

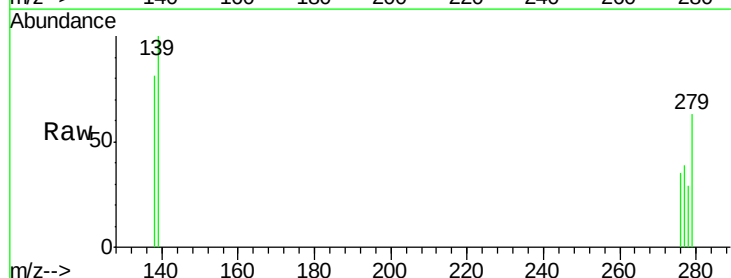
Tgt Ion:276 Resp: 88

Ion Ratio Lower Upper

276 100

277 109.8 21.3 31.9#

138 228.8 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

