

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092215\
 Data File : BM002705.D
 Acq On : 22 Sep 2015 21:48
 Operator : UM/IZ
 Sample : G3741-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JHAG5

Quant Time: Sep 23 03:42:32 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	9330	0.40	ng/ul	0.00
4) Naphthalene-d8	11.64	136	34086	0.40	ng/ul	0.00
8) Acenaphthene-d10	15.36	164	15570	0.40	ng/ul	0.00
12) Phenanthrene-d10	18.06	188	31487	0.40	ng/ul	0.00
18) Chrysene-d12	22.15	240	27101	0.40	ng/ul	-0.01
22) Perylene-d12	24.77	264	25865	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
2) 1,4-Dioxane-d8	3.79	96	65	0.01	ng/uL	-0.03
6) 2-Methylnaphthalene-d10	13.16	152	13676	0.30	ng/ul	0.00
16) Fluoranthene-d10	20.03	212	21967	0.31	ng/ul	0.00

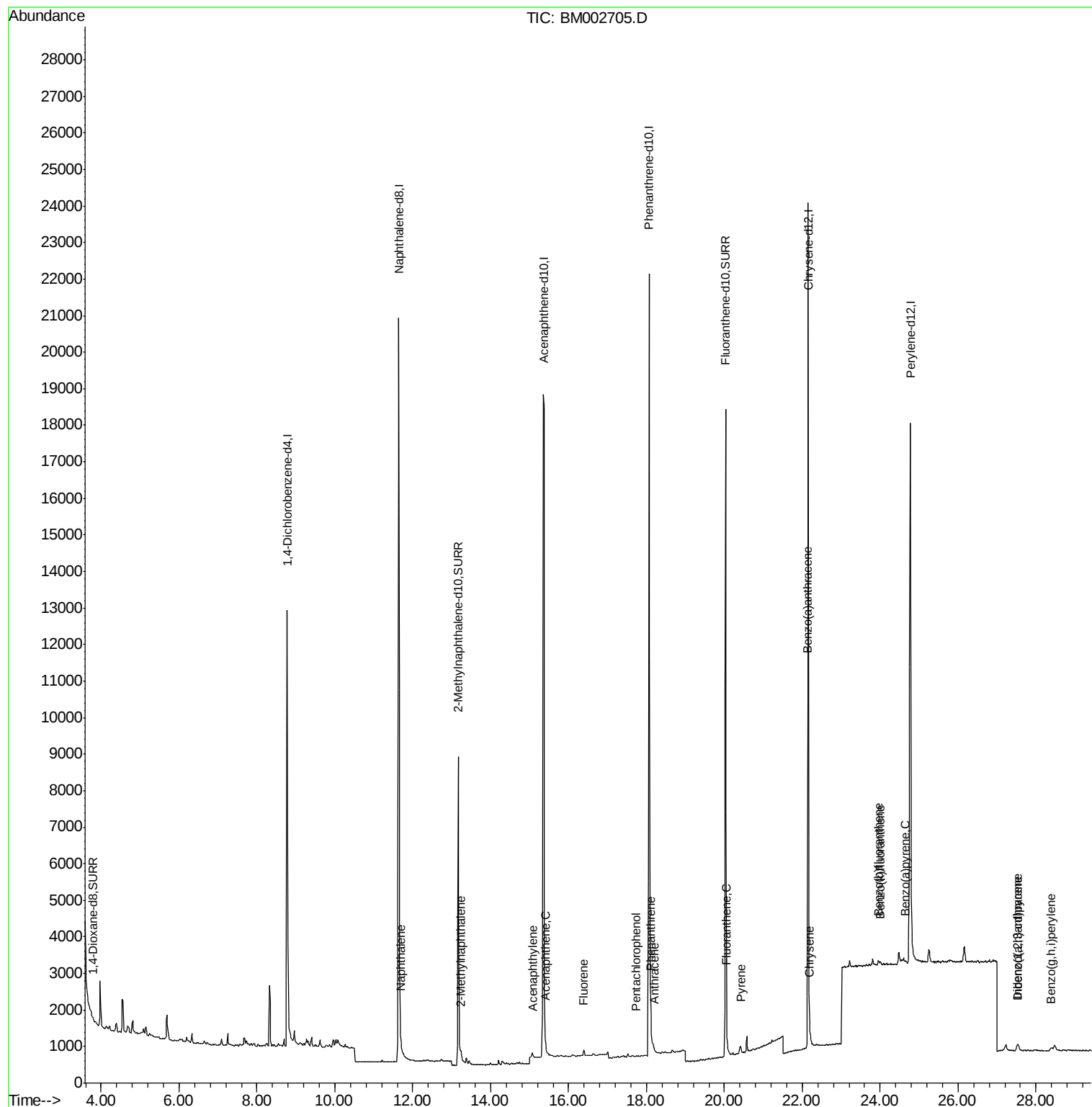
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Naphthalene	11.69	128	394	0.00	ng/ul#	37
7) 2-Methylnaphthalene	13.23	142	505	0.01	ng/ul#	29
9) Acenaphthylene	15.09	152	118	0.00	ng/ul#	1
10) Acenaphthene	15.42	153	54	0.00	ng/ul#	70
11) Fluorene	16.39	166	180	0.00	ng/ul#	75
13) Pentachlorophenol	17.72	266	9	0.00	ng/ul#	18
14) Phenanthrene	18.11	178	551	0.01	ng/ul#	52
15) Anthracene	18.20	178	128	0.00	ng/ul#	1
17) Fluoranthene	20.06	202	186	0.00	ng/ul#	1
19) Pyrene	20.42	202	224	0.00	ng/ul#	1
20) Benzo(a)anthracene	22.14	228	192	0.00	ng/ul#	1
21) Chrysene	22.19	228	111	0.00	ng/ul#	1
23) Benzo(b)fluoranthene	23.96	252	202	0.00	ng/ul#	1
24) Benzo(k)fluoranthene	24.01	252	107	0.00	ng/ul#	1
25) Benzo(a)pyrene	24.65	252	170	0.00	ng/ul#	1
26) Indeno(1,2,3-cd)pyrene	27.53	276	301	0.00	ng/ul#	78
27) Dibenzo(a,h)anthracene	27.54	278	230	0.00	ng/ul#	1
28) Benzo(a,h,i)perylene	28.38	276	279	0.00	ng/ul#	1

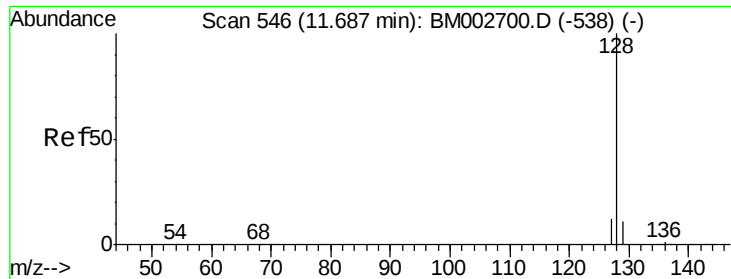
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 23 03:42:32 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: 0.00 ng/ul

RT: 11.69 min Scan# 546

Delta R.T. 0.00 min

Lab File: BM002705.D

Acq: 22 Sep 2015 21:48

Instrument :

BNA_M

ClientSampled :

JHAG5

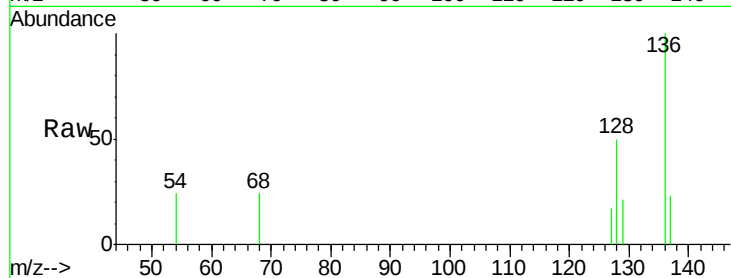
Tot Ion:128 Resp: 394

Ion Ratio Lower Upper

128 100

129 42.9 9.8 14.8#

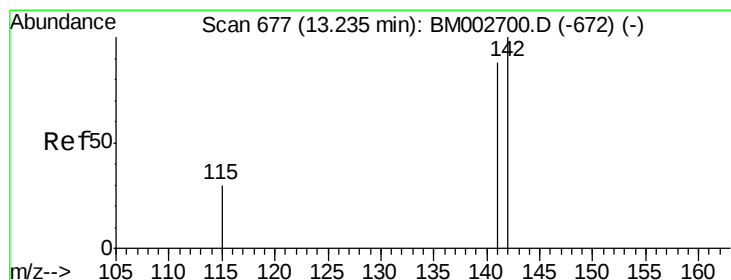
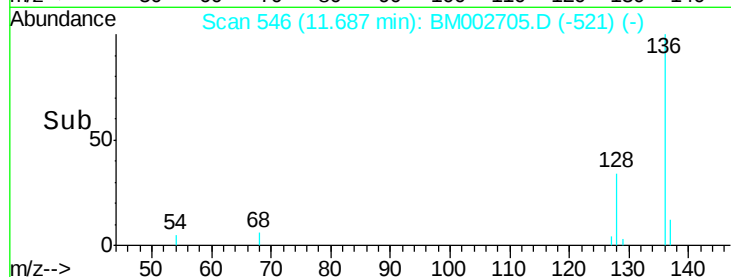
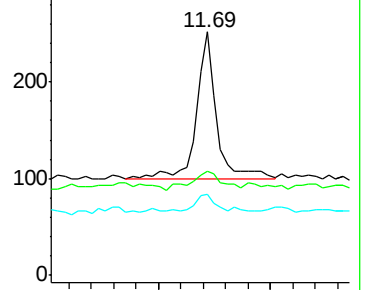
127 33.3 10.7 16.1#



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: 0.01 ng/ul

RT: 13.23 min Scan# 677

Delta R.T. 0.00 min

Lab File: BM002705.D

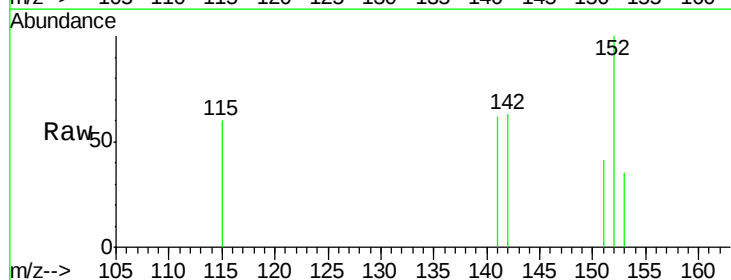
Acq: 22 Sep 2015 21:48

Tgt Ion:142 Resp: 505

Ion Ratio Lower Upper

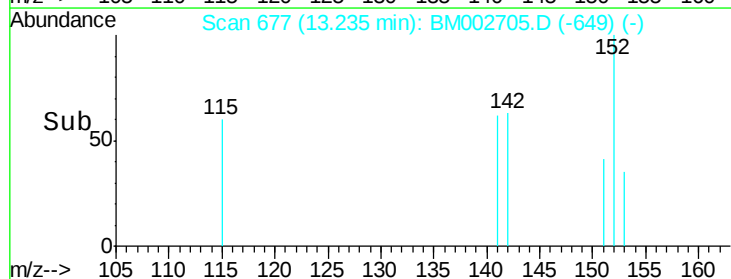
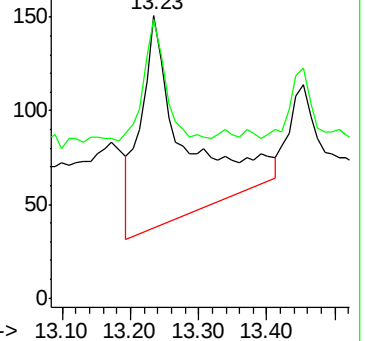
142 100

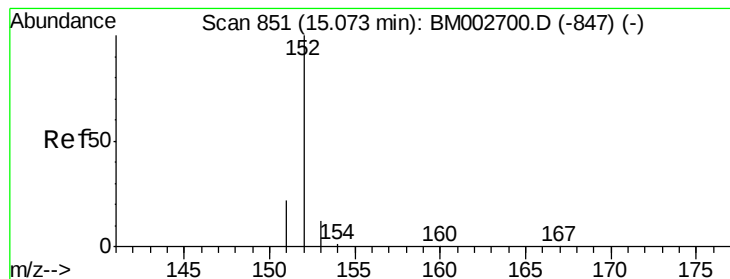
141 22.0 70.3 105.5#



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: 15.09 min Scan# 852

Delta R.T. 0.02 min

Lab File: BM002705.D

Acq: 22 Sep 2015 21:48

Instrument :

BNA_M

ClientSampleId :

JHAG5

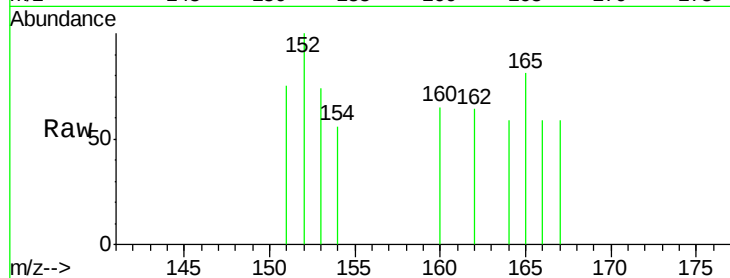
Tot Ion:152 Resp: 118

Ion Ratio Lower Upper

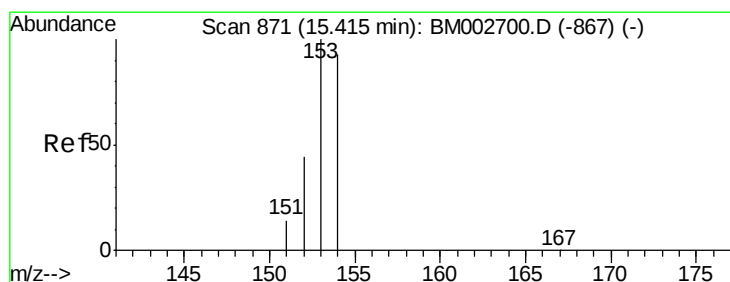
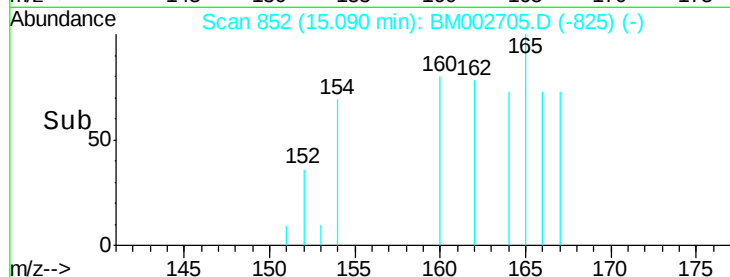
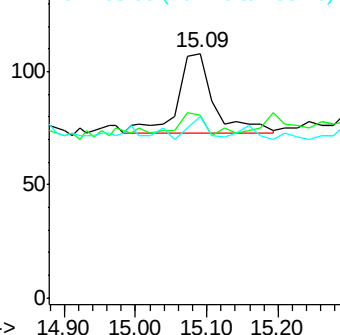
152 100

151 75.0 16.8 25.2#

153 74.1 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: BM002705.D

Acq: 22 Sep 2015 21:48

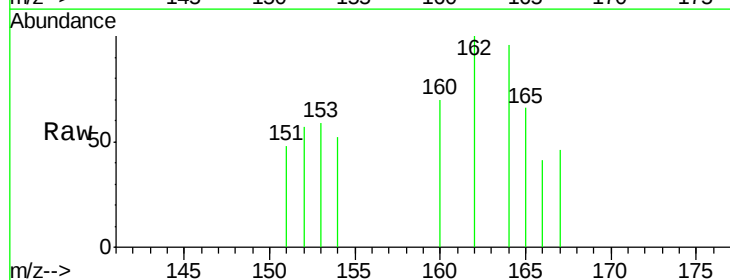
Tgt Ion:153 Resp: 54

Ion Ratio Lower Upper

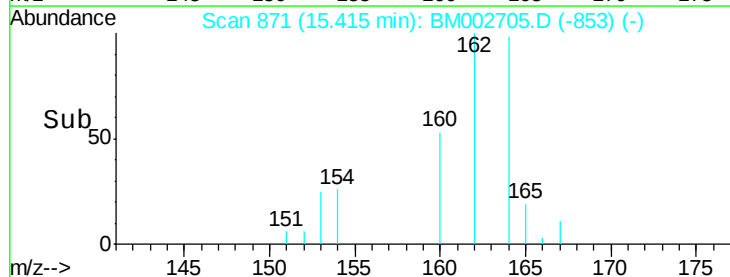
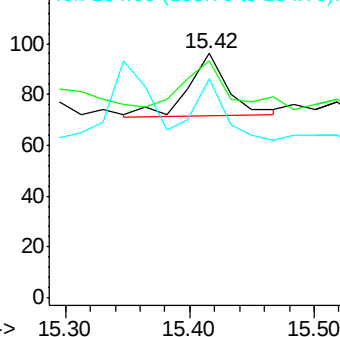
153 100

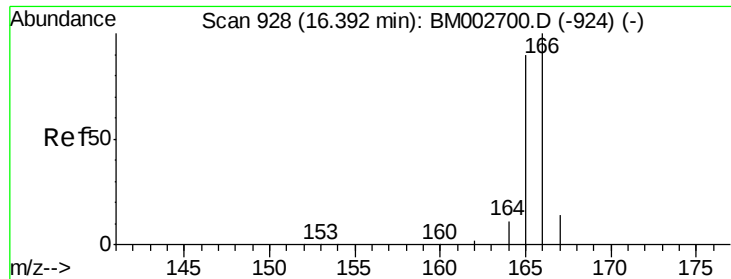
152 96.9 42.3 63.5#

154 89.6 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

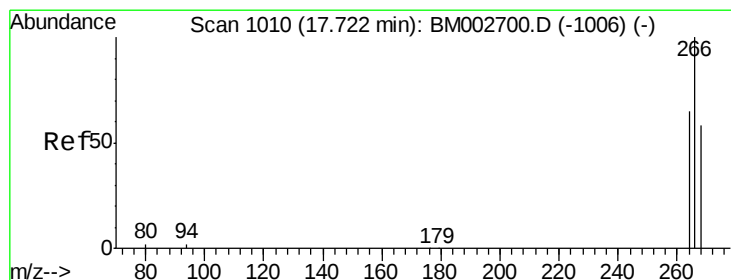
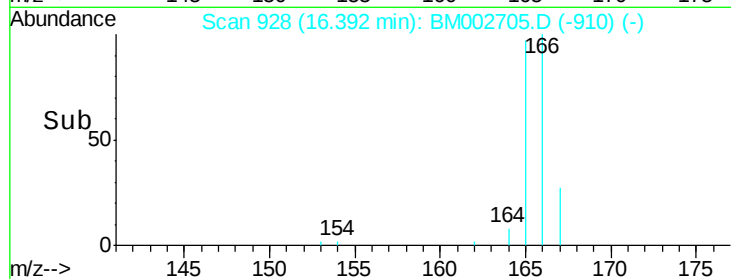
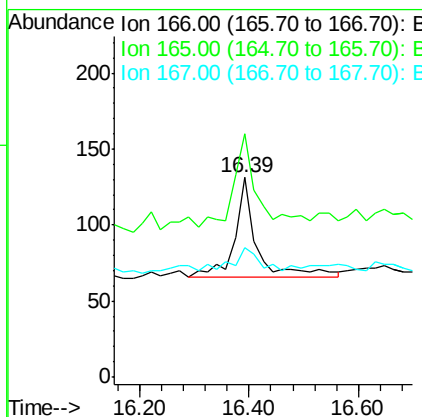
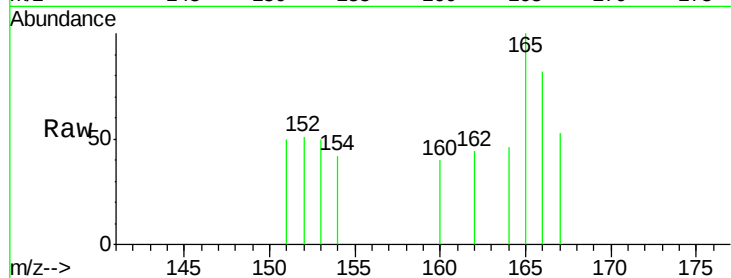




#11
Fluorene
 Concen: 0.00 ng/ul
 RT: 16.39 min Scan# 928
 Delta R.T. 0.00 min
 Lab File: BM002705.D
 Acq: 22 Sep 2015 21:48

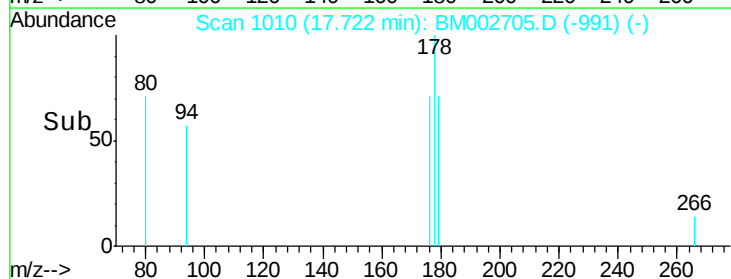
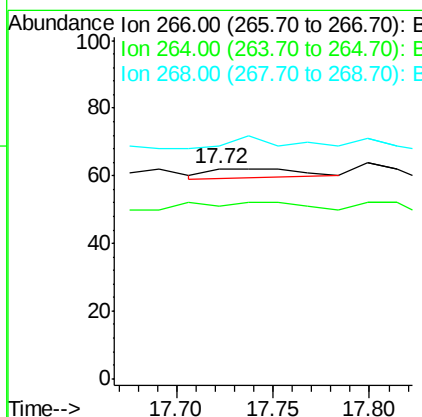
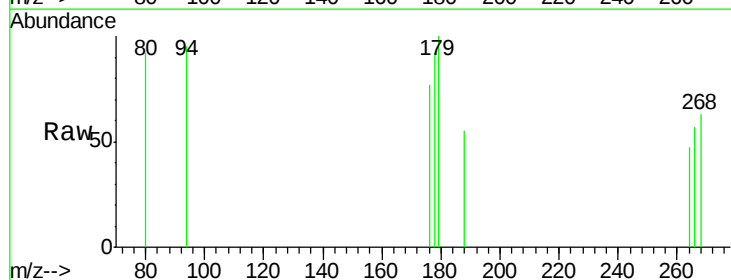
Instrument :
 BNA_M
 ClientSampleId :
 JHAG5

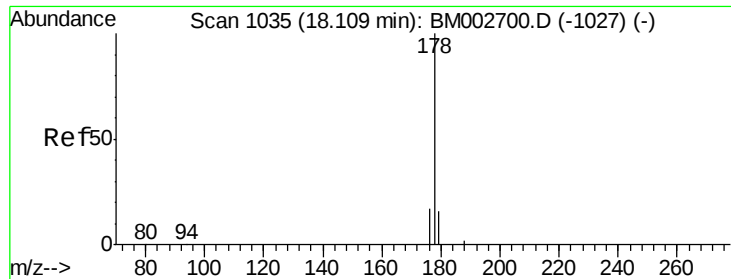
Tot Ion:166 Resp: 180
 Ion Ratio Lower Upper
 166 100
 165 122.1 87.6 131.4
 167 64.9 11.1 16.7#



#13
Pentachlorophenol
 Concen: 0.00 ng/ul
 RT: 17.72 min Scan# 1010
 Delta R.T. 0.00 min
 Lab File: BM002705.D
 Acq: 22 Sep 2015 21:48

Tgt Ion:266 Resp: 9
 Ion Ratio Lower Upper
 266 100
 264 0.0 53.5 80.3#
 268 133.3 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: BM002705.D

Acq: 22 Sep 2015 21:48

Instrument :

BNA_M

ClientSampleId :

JHAG5

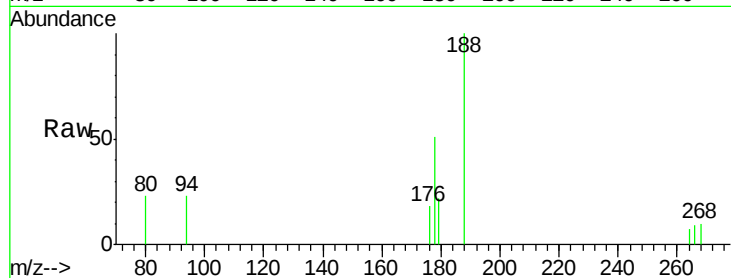
Tot Ion:178 Resp: 551

Ion Ratio Lower Upper

178 100

176 36.3 16.2 24.4#

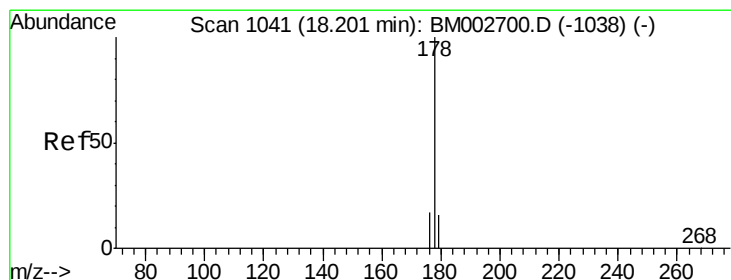
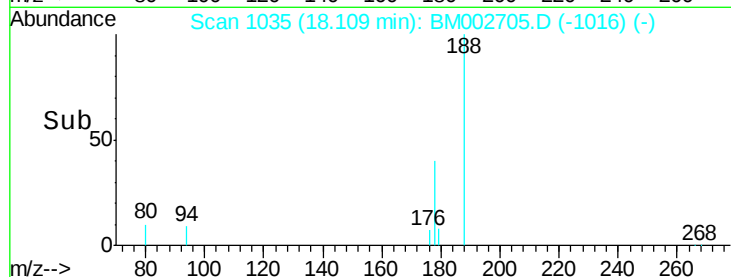
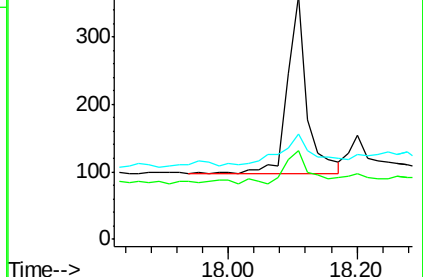
179 43.2 12.8 19.2#



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: BM002705.D

Acq: 22 Sep 2015 21:48

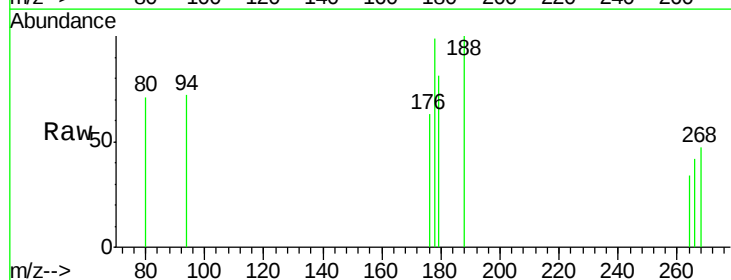
Tgt Ion:178 Resp: 128

Ion Ratio Lower Upper

178 100

176 63.6 15.8 23.8#

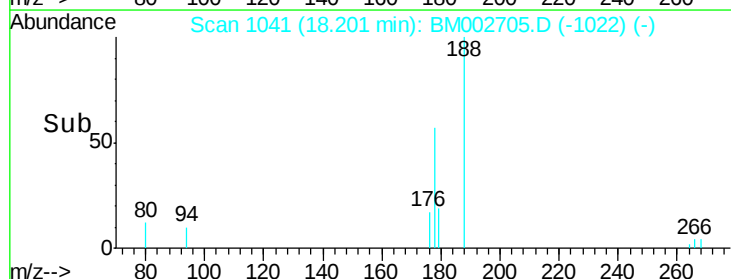
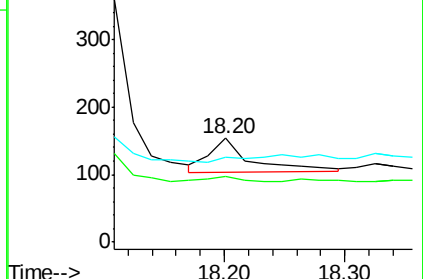
179 81.8 13.3 19.9#

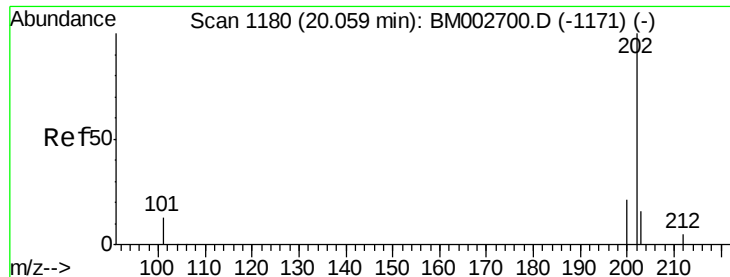


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#17

Fluoranthene

Concen: 0.00 ng/ul

RT: 20.06 min Scan# 1180

Delta R.T. 0.00 min

Lab File: BM002705.D

Acq: 22 Sep 2015 21:48

Instrument :

BNA_M

ClientSampleId :

JHAG5

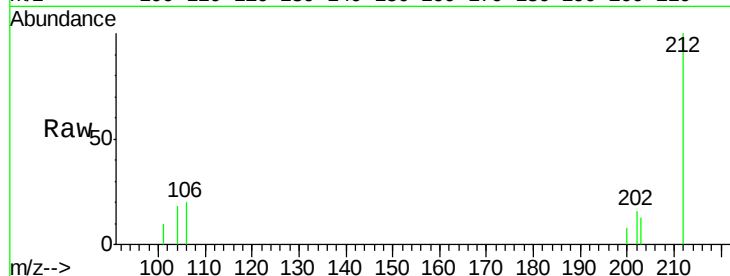
Tot Ion:202 Resp: 186

Ion Ratio Lower Upper

202 100

101 60.9 0.0 33.1#

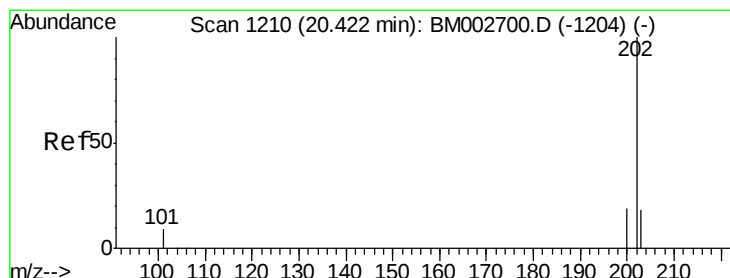
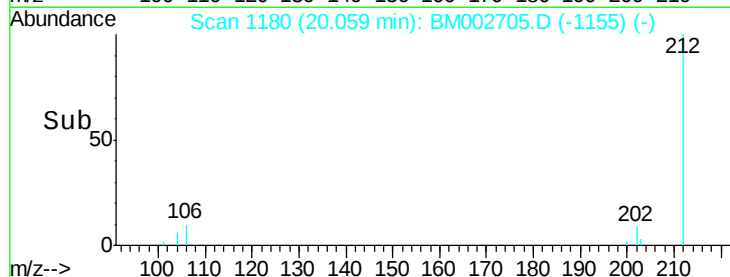
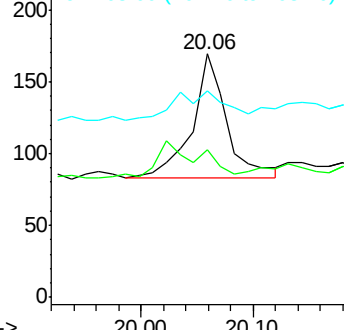
203 85.2 0.0 37.2#



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: 0.00 ng/ul

RT: 20.42 min Scan# 1210

Delta R.T. 0.00 min

Lab File: BM002705.D

Acq: 22 Sep 2015 21:48

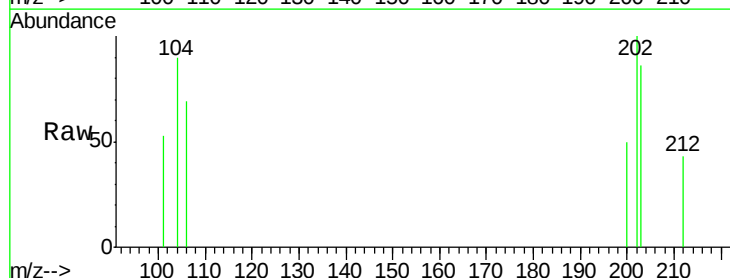
Tgt Ion:202 Resp: 224

Ion Ratio Lower Upper

202 100

200 49.8 18.0 27.0#

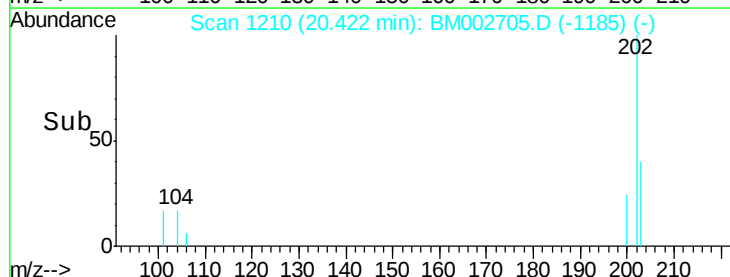
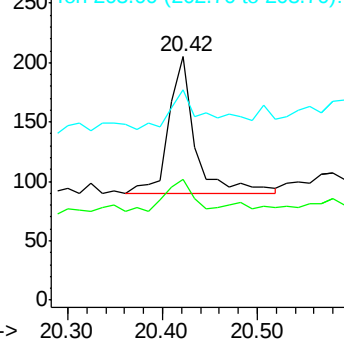
203 86.3 13.8 20.6#

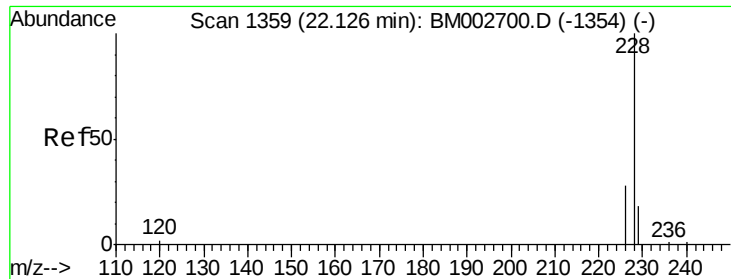


Abundance Ion 202.00 (201.70 to 202.70): E

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: BM002705.D

Acq: 22 Sep 2015 21:48

Instrument :

BNA_M

ClientSampleId :

JHAG5

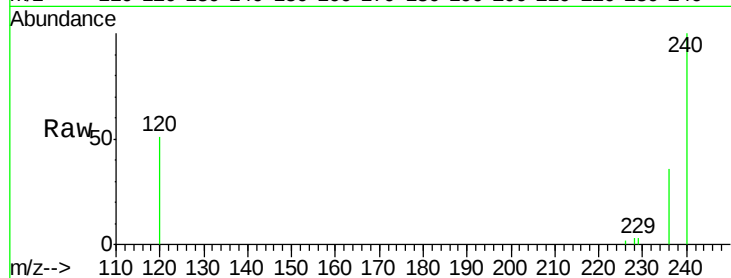
Tot Ion:228 Resp: 192

Ion Ratio Lower Upper

228 100

226 79.8 23.0 34.4#

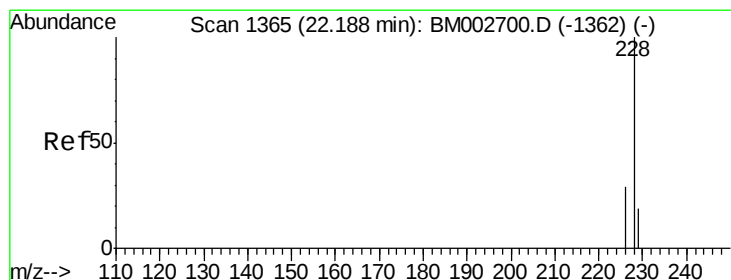
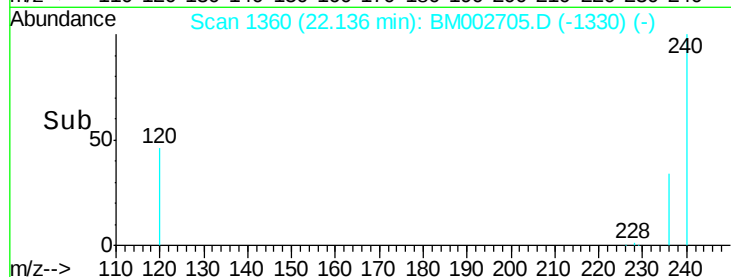
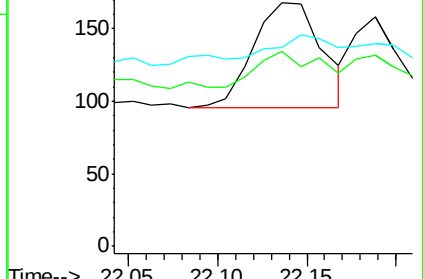
229 81.5 15.2 22.8#



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: 0.00 ng/ul

RT: 22.19 min Scan# 1365

Delta R.T. 0.00 min

Lab File: BM002705.D

Acq: 22 Sep 2015 21:48

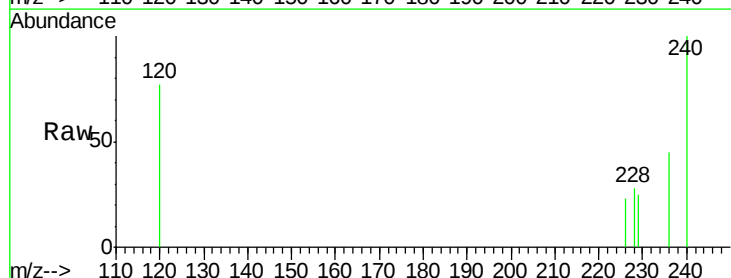
Tgt Ion:228 Resp: 111

Ion Ratio Lower Upper

228 100

226 83.5 25.7 38.5#

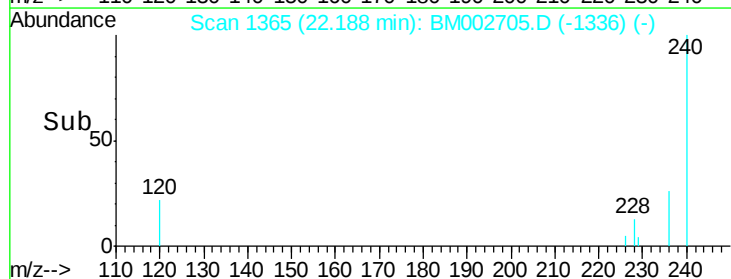
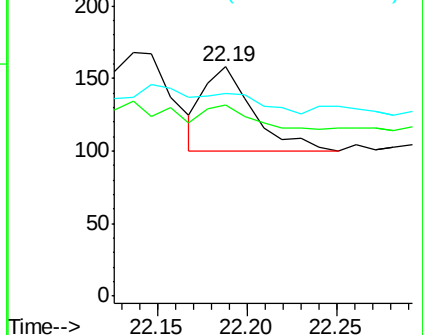
229 88.6 15.2 22.8#

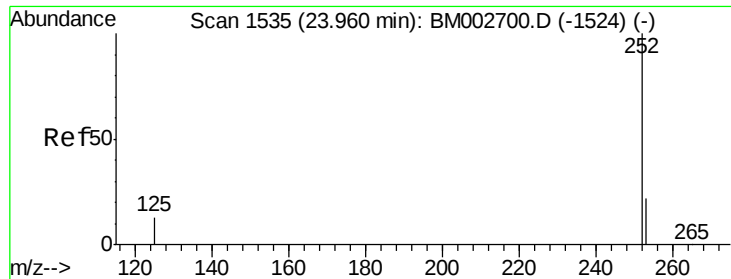


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#23

Benzo(b)fluoranthene

Concen: 0.00 ng/ul

RT: 23.96 min Scan# 1535

Delta R.T. 0.00 min

Lab File: BM002705.D

Acq: 22 Sep 2015 21:48

Instrument :

BNA_M

ClientSampleId :

JHAG5

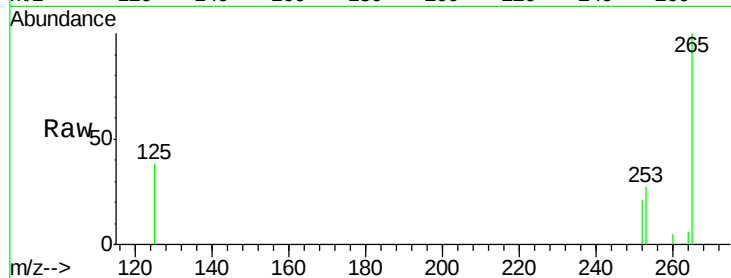
Tot Ion:252 Resp: 202

Ion Ratio Lower Upper

252 100

253 127.4 0.0 48.0#

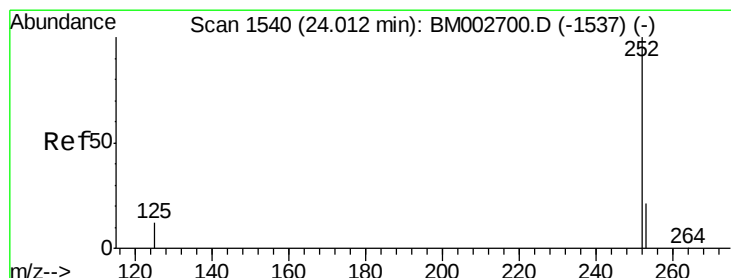
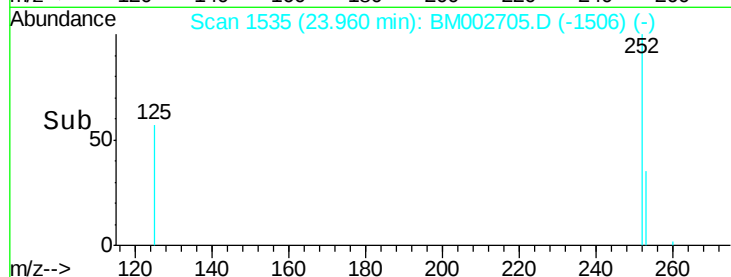
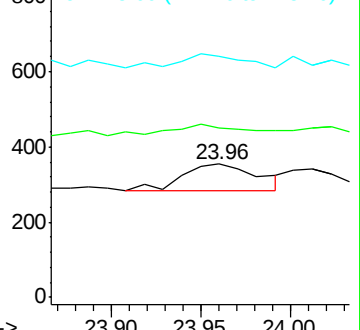
125 180.8 0.0 36.6#



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: 24.01 min Scan# 1540

Delta R.T. 0.00 min

Lab File: BM002705.D

Acq: 22 Sep 2015 21:48

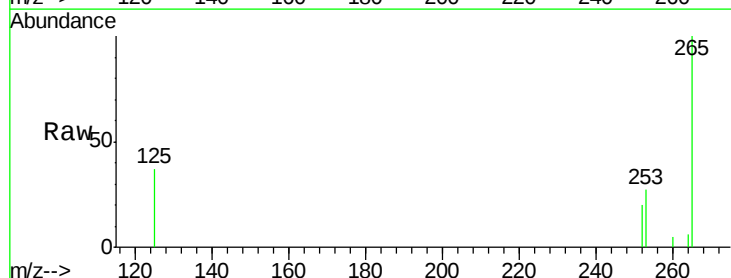
Tgt Ion:252 Resp: 107

Ion Ratio Lower Upper

252 100

253 132.4 20.8 31.2#

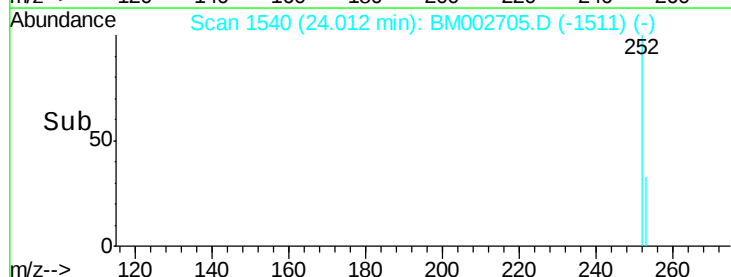
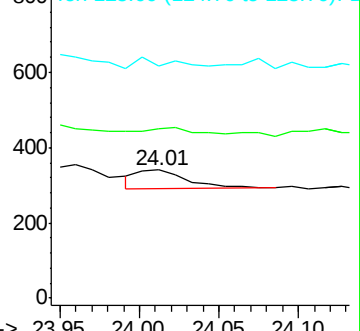
125 181.5 12.2 18.4#

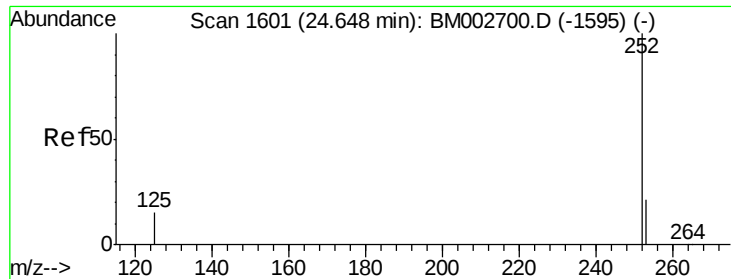


Abundance Ion 252.00 (251.70 to 252.70): E

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: BM002705.D

Acq: 22 Sep 2015 21:48

Instrument :

BNA_M

ClientSampleId :

JHAG5

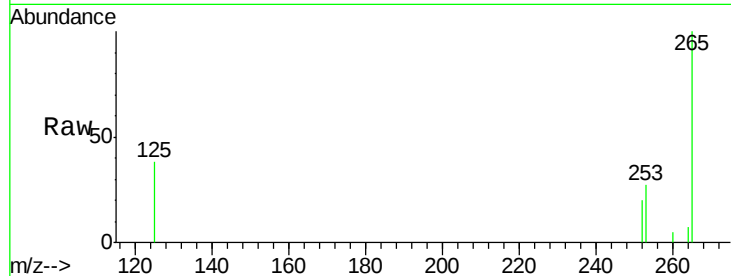
Tot Ion:252 Resp: 170

Ion Ratio Lower Upper

252 100

253 135.5 21.8 32.8#

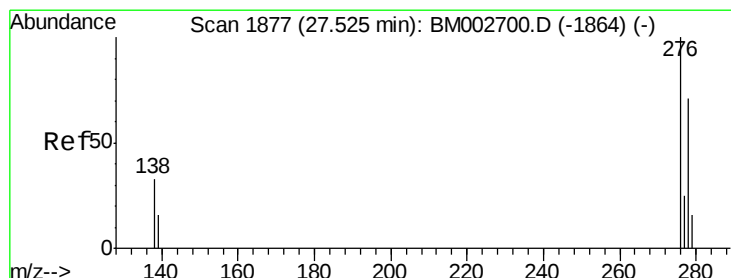
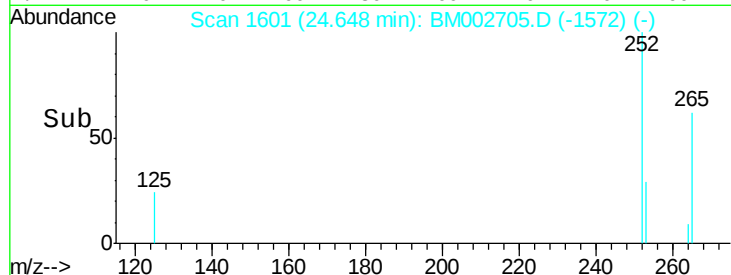
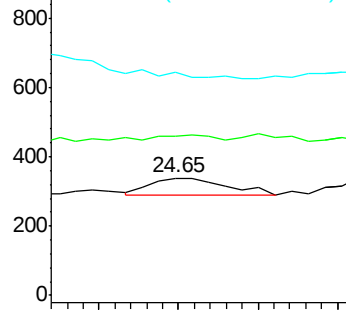
125 190.5 14.5 21.7#



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



#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: BM002705.D

Acq: 22 Sep 2015 21:48

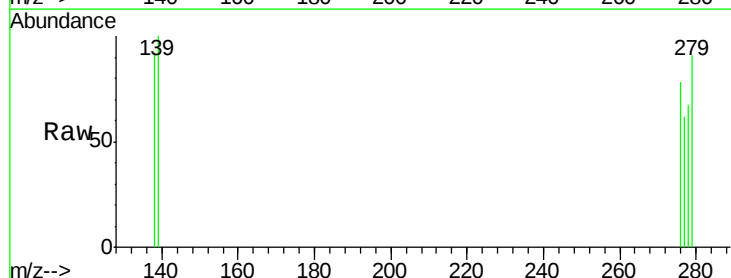
Tgt Ion:276 Resp: 301

Ion Ratio Lower Upper

276 100

138 36.2 27.5 41.3

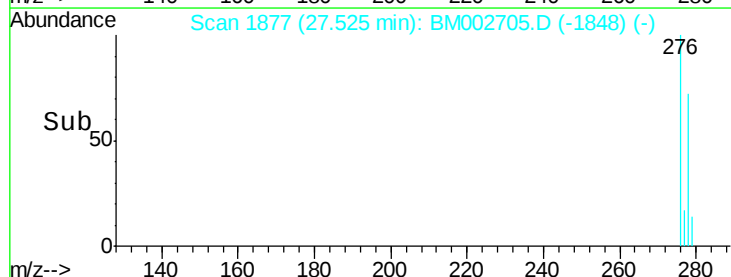
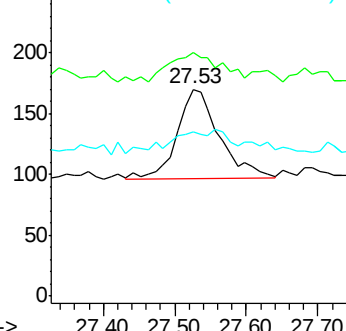
277 0.0 19.3 28.9#

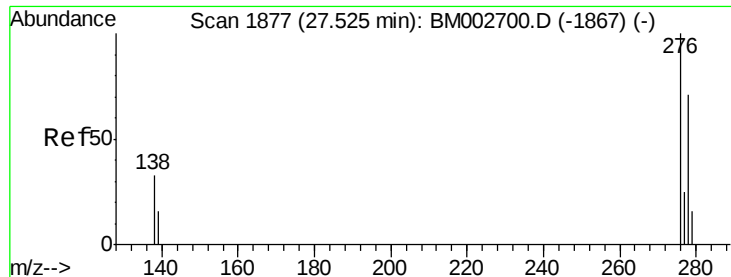


Abundance Ion 276.00 (275.70 to 276.70): E

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: 27.54 min Scan# 1878

Delta R.T. 0.01 min

Lab File: BM002705.D

Acq: 22 Sep 2015 21:48

Instrument :

BNA_M

ClientSampleId :

JHAG5

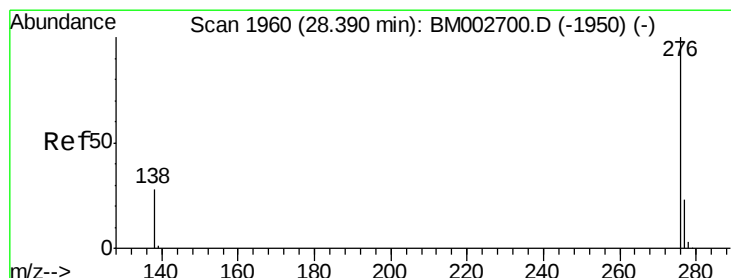
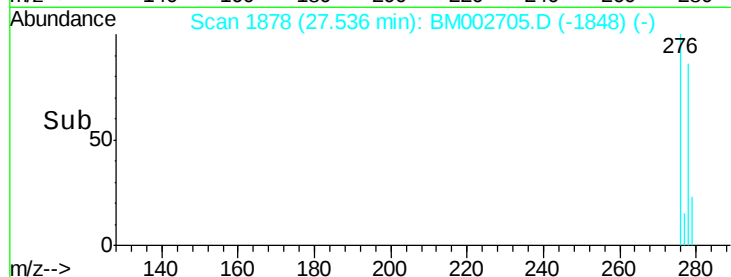
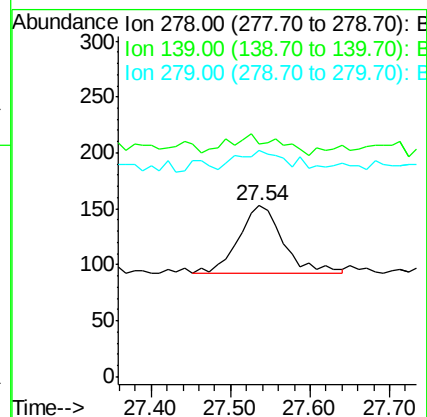
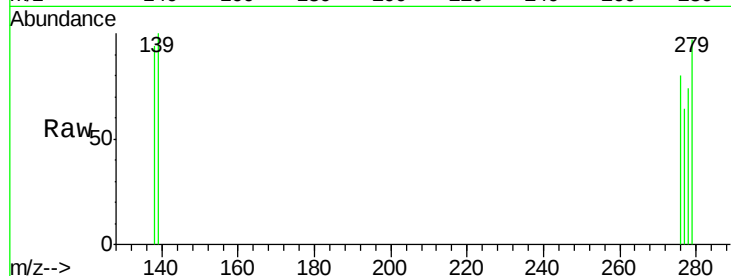
Tot Ion:278 Resp: 230

Ion Ratio Lower Upper

278 100

139 135.9 21.7 32.5#

279 132.0 21.9 32.9#



#28

Benzo(g,h,i)perylene

Concen: 0.00 ng/ul

RT: 28.38 min Scan# 1959

Delta R.T. -0.01 min

Lab File: BM002705.D

Acq: 22 Sep 2015 21:48

Tgt Ion:276 Resp: 279

Ion Ratio Lower Upper

276 100

277 94.4 21.3 31.9#

138 137.1 25.5 38.3#

