

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092415\
 Data File : BM002720.D
 Acq On : 24 Sep 2015 20:05
 Operator : UM/IZ
 Sample : G3741-09
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JHAG0

Quant Time: Sep 25 02:24:30 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

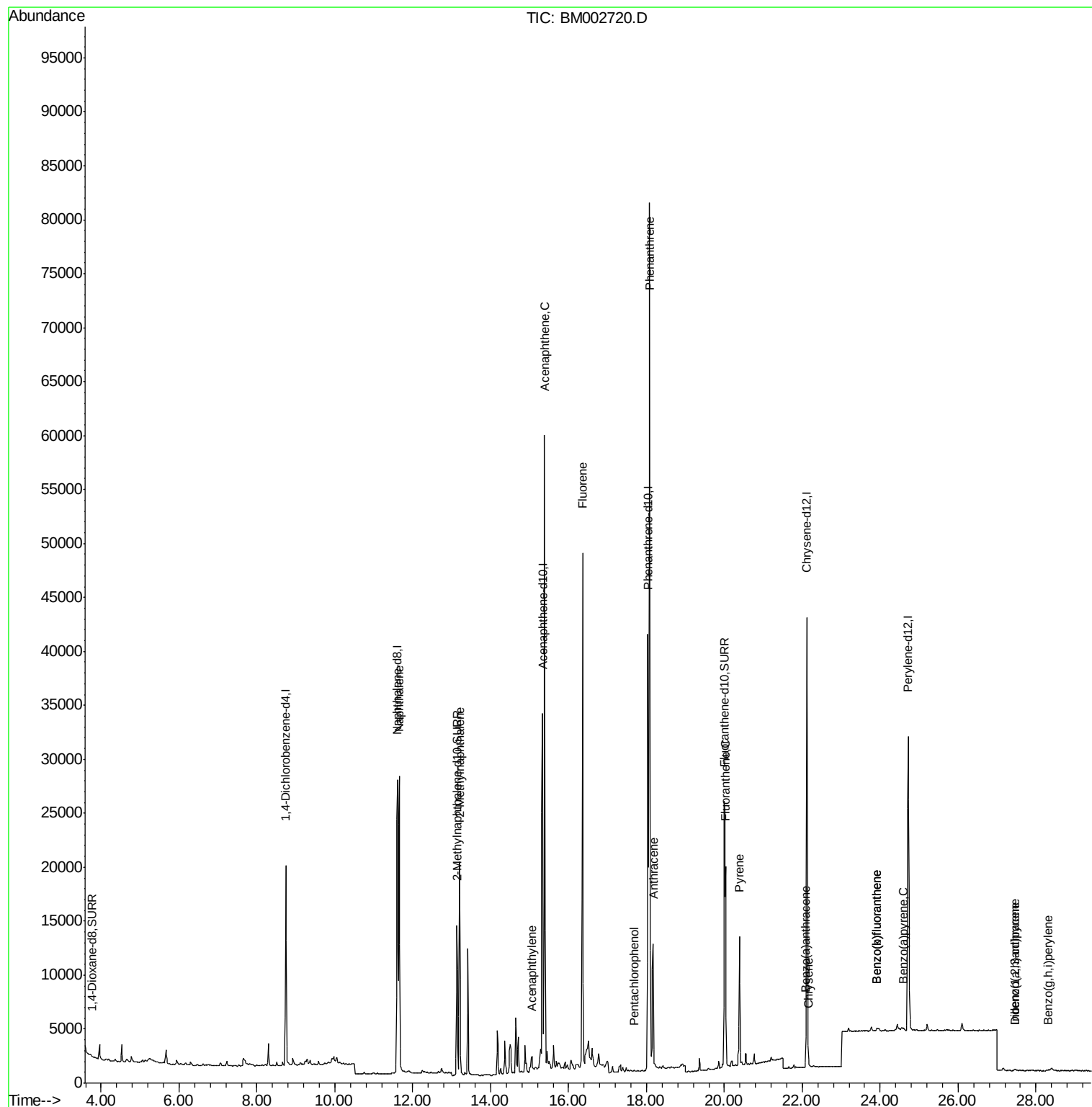
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.74	152	10968	0.40	ng/ul	0.00
4) Naphthalene-d8	11.60	136	42874	0.40	ng/ul	0.00
8) Acenaphthene-d10	15.33	164	23581	0.40	ng/ul	0.00
12) Phenanthrene-d10	18.03	188	51789	0.40	ng/ul	0.00
18) Chrysene-d12	22.12	240	46295	0.40	ng/ul	-0.01
22) Perylene-d12	24.72	264	42496	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.76	96	210	0.02	ng/uL	-0.05
6) 2-Methylnaphthalene-d10	13.13	152	18389	0.29	ng/ul	0.00
16) Fluoranthene-d10	20.01	212	33111	0.26	ng/ul	0.00
Target Compounds				Ovalue		
5) Naphthalene	11.65	128	42550	0.37	ng/ul	98
7) 2-Methylnaphthalene	13.20	142	15626	0.21	ng/ul	100
9) Acenaphthylene	15.06	152	1865	0.02	ng/ul#	88
10) Acenaphthene	15.38	153	35589	0.40	ng/ul	91
11) Fluorene	16.36	166	32996	0.33	ng/ul	87
13) Pentachlorophenol	17.69	266	74	0.01	ng/ul#	77
14) Phenanthrene	18.08	178	100018	0.59	ng/ul	96
15) Anthracene	18.17	178	17055	0.11	ng/ul	95
17) Fluoranthene	20.03	202	17632	0.10	ng/ul	92
19) Pyrene	20.39	202	12260	0.07	ng/ul	97
20) Benzo(a)anthracene	22.09	228	1133	0.01	ng/ul#	64
21) Chrysene	22.16	228	1096	0.01	ng/ul#	69
23) Benzo(b)fluoranthene	23.92	252	743	0.00	ng/ul#	1
24) Benzo(k)fluoranthene	23.92	252	743	0.01	ng/ul#	1
25) Benzo(a)pyrene	24.61	252	383	0.00	ng/ul#	1
26) Indeno(1,2,3-cd)pyrene	27.45	276	201	0.00	ng/ul#	65
27) Dibenzo(a,h)anthracene	27.46	278	120	0.00	ng/ul#	1
28) Benzo(a,h,i)perylene	28.32	276	188	0.00	ng/ul#	1

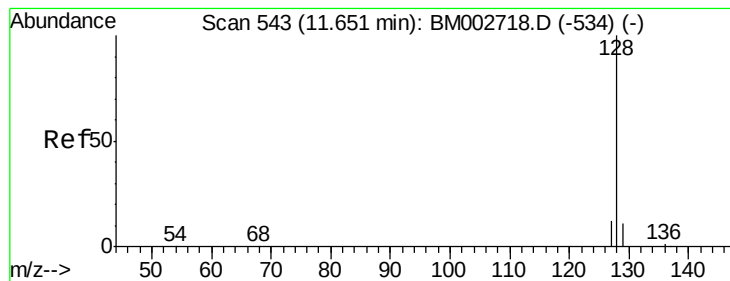
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.37 ng/ul

RT: 11.65 min Scan# 543

Delta R.T. 0.00 min

Lab File: BM002720.D

Acq: 24 Sep 2015 20:05

Instrument :

BNA_M

ClientSampleId :

JHAG0

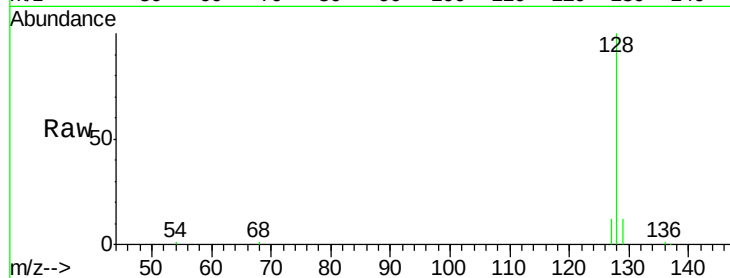
Tot Ion:128 Resp: 42550

Ion Ratio Lower Upper

128 100

129 11.7 9.8 14.8

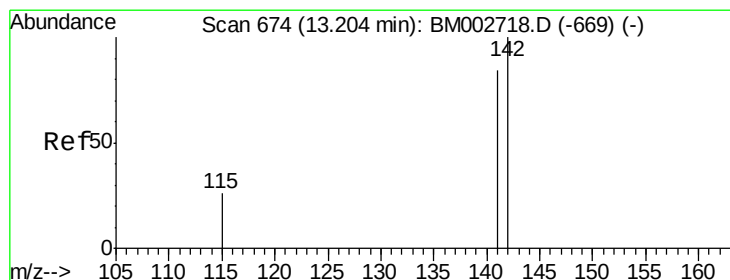
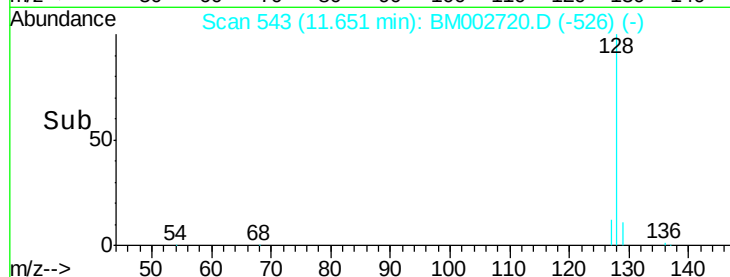
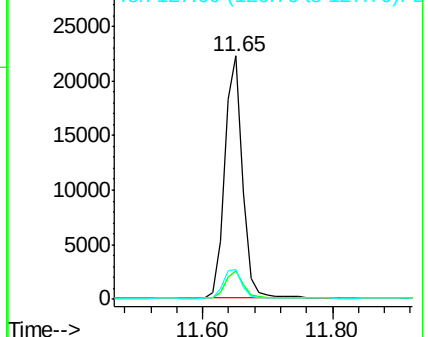
127 12.3 10.7 16.1



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: 0.21 ng/ul

RT: 13.20 min Scan# 674

Delta R.T. 0.00 min

Lab File: BM002720.D

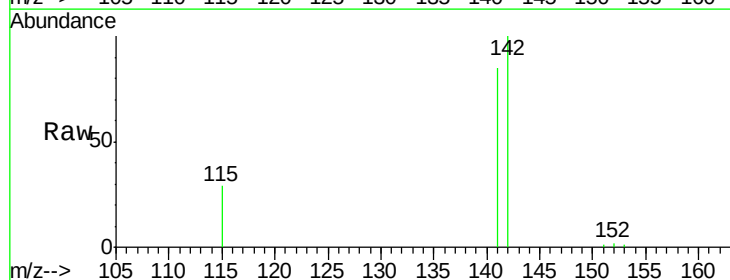
Acq: 24 Sep 2015 20:05

Tgt Ion:142 Resp: 15626

Ion Ratio Lower Upper

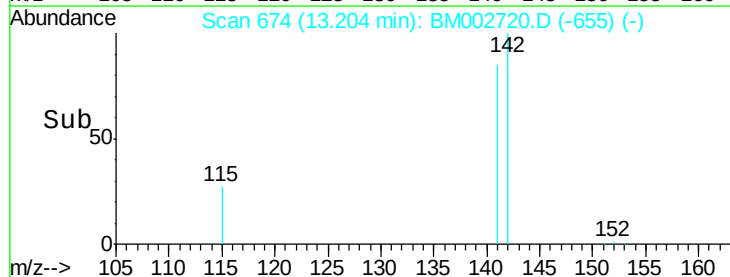
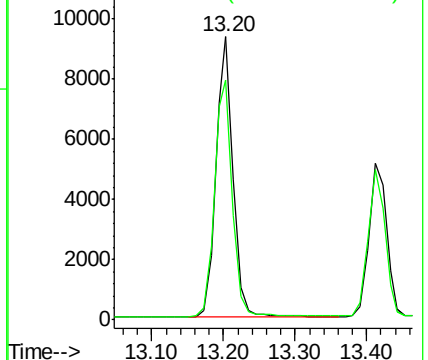
142 100

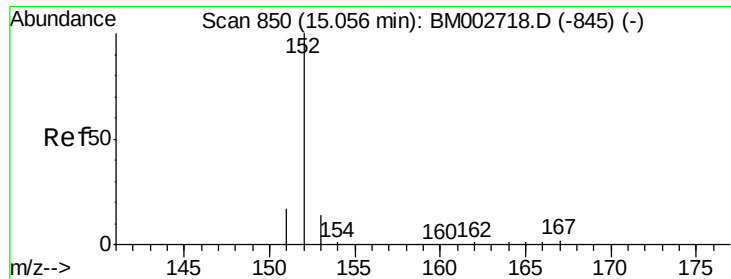
141 88.3 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#9

Acenaphthylene

Concen: 0.02 ng/ul

RT: 15.06 min Scan# 850

Delta R.T. 0.00 min

Lab File: BM002720.D

Acq: 24 Sep 2015 20:05

Instrument :

BNA_M

ClientSampleId :

JHAG0

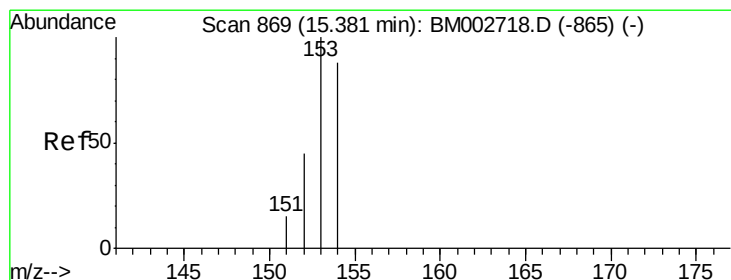
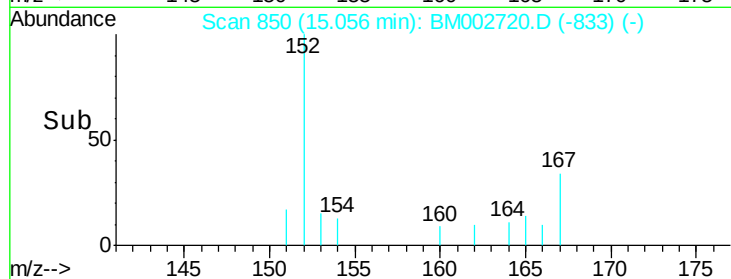
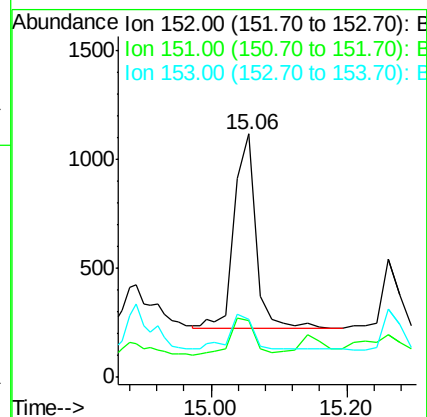
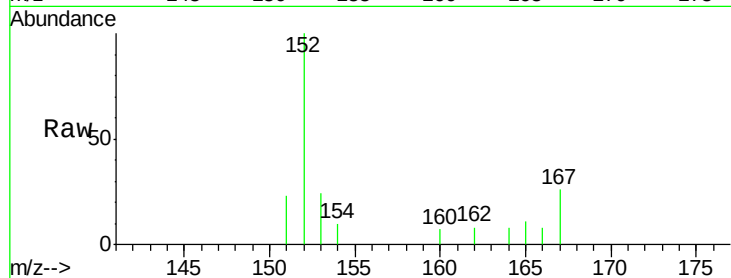
Tot Ion:152 Resp: 1865

Ion Ratio Lower Upper

152 100

151 23.1 16.8 25.2

153 23.7 11.3 16.9#



#10

Acenaphthene

Concen: 0.40 ng/ul

RT: 15.38 min Scan# 869

Delta R.T. 0.00 min

Lab File: BM002720.D

Acq: 24 Sep 2015 20:05

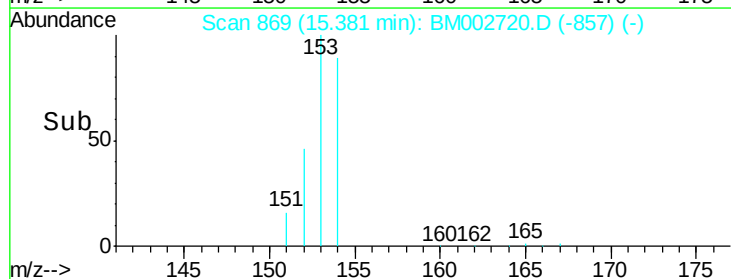
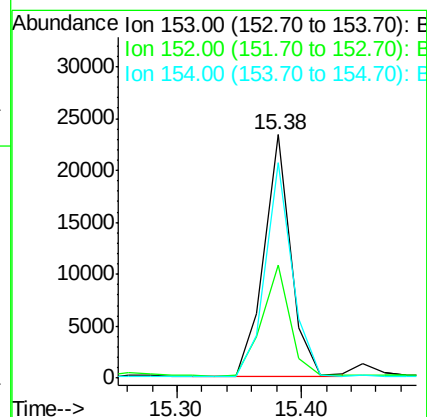
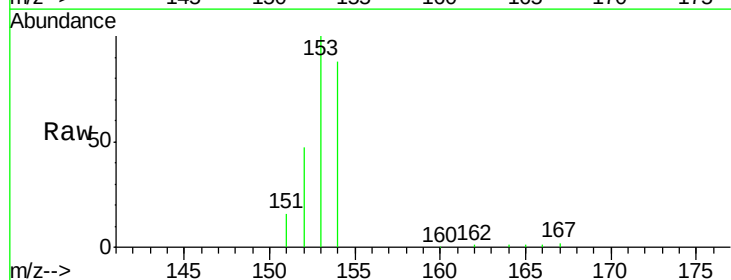
Tgt Ion:153 Resp: 35589

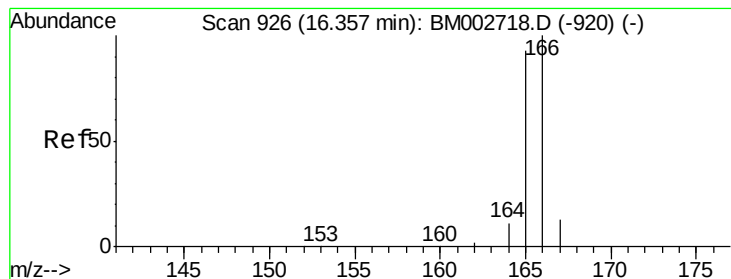
Ion Ratio Lower Upper

153 100

152 46.5 42.3 63.5

154 88.5 64.7 97.1





#11

Fluorene

Concen: 0.33 ng/ul

RT: 16.36 min Scan# 926

Delta R.T. 0.00 min

Lab File: BM002720.D

Acq: 24 Sep 2015 20:05

Instrument :

BNA_M

ClientSampleId :

JHAG0

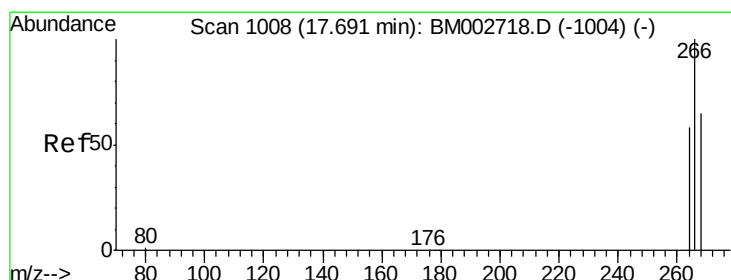
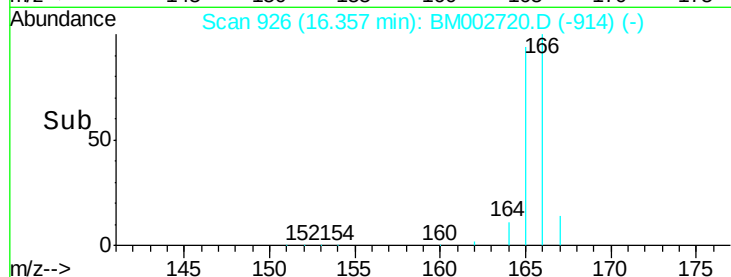
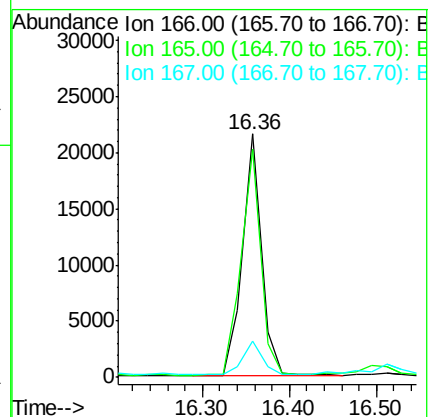
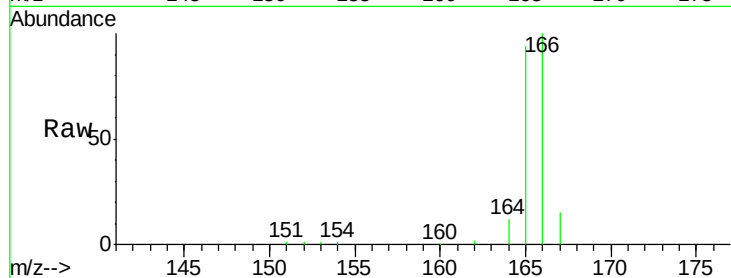
Tot Ion:166 Resp: 32996

Ion Ratio Lower Upper

166 100

165 94.0 87.6 131.4

167 15.0 11.1 16.7



#13

Pentachlorophenol

Concen: 0.01 ng/ul

RT: 17.69 min Scan# 1008

Delta R.T. 0.00 min

Lab File: BM002720.D

Acq: 24 Sep 2015 20:05

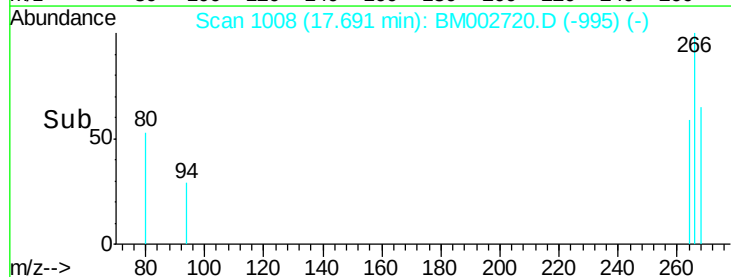
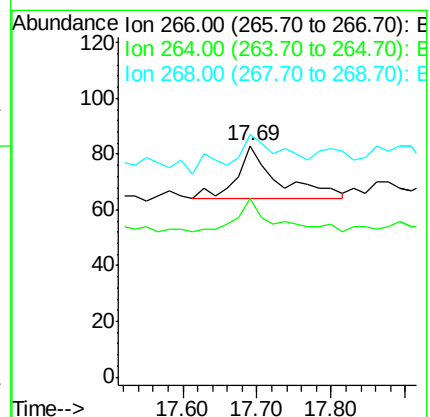
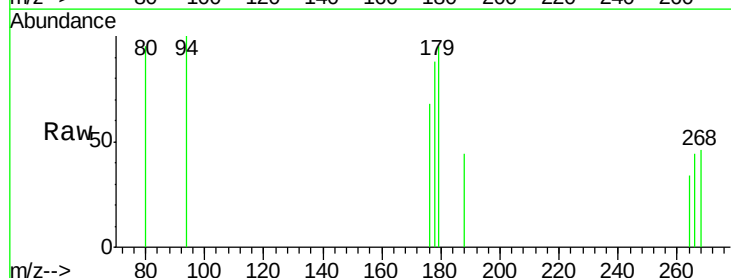
Tgt Ion:266 Resp: 74

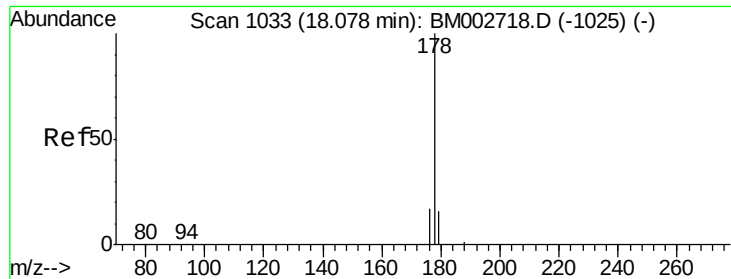
Ion Ratio Lower Upper

266 100

264 55.4 53.5 80.3

268 93.2 54.2 81.2#





#14

Phenanthrene

Concen: 0.59 ng/ul

RT: 18.08 min Scan# 1033

Delta R.T. 0.00 min

Lab File: BM002720.D

Acq: 24 Sep 2015 20:05

Instrument :

BNA_M

ClientSampleId :

JHAG0

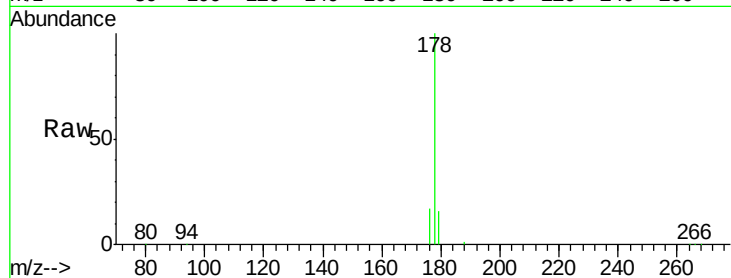
Tot Ion:178 Resp: 100018

Ion Ratio Lower Upper

178 100

176 17.0 16.2 24.4

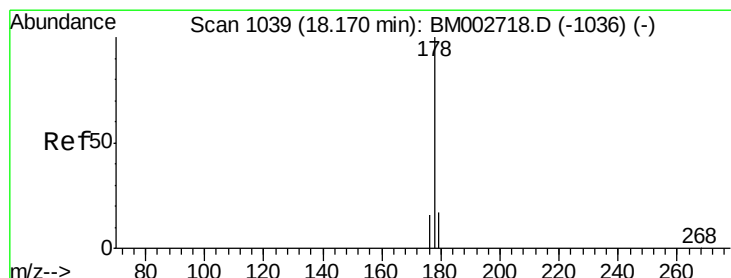
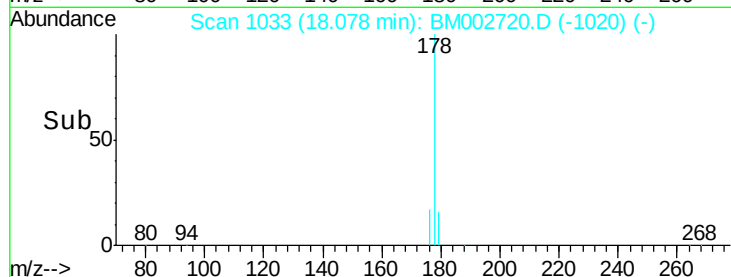
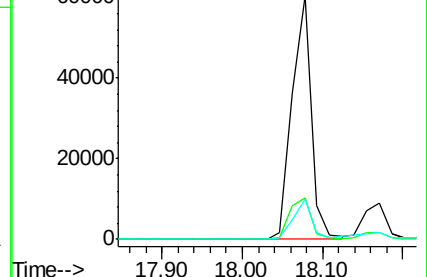
179 16.4 12.8 19.2



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: 0.11 ng/ul

RT: 18.17 min Scan# 1039

Delta R.T. 0.00 min

Lab File: BM002720.D

Acq: 24 Sep 2015 20:05

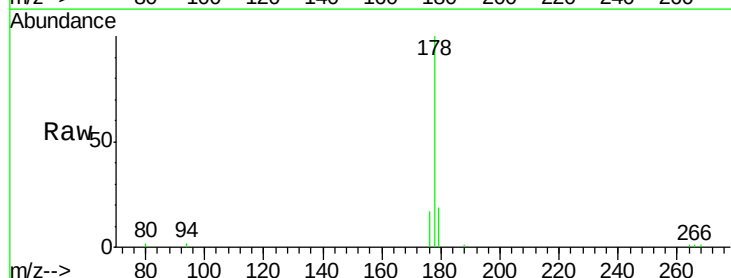
Tgt Ion:178 Resp: 17055

Ion Ratio Lower Upper

178 100

176 17.3 15.8 23.8

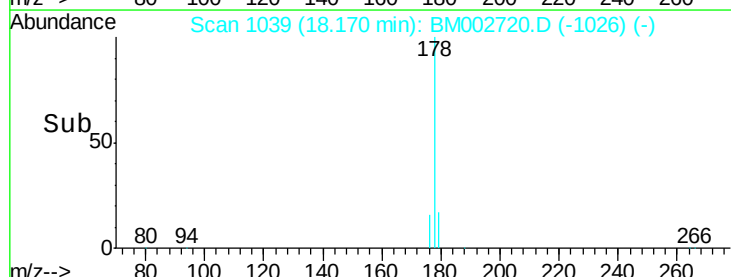
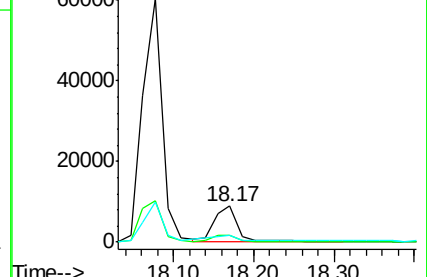
179 18.9 13.3 19.9

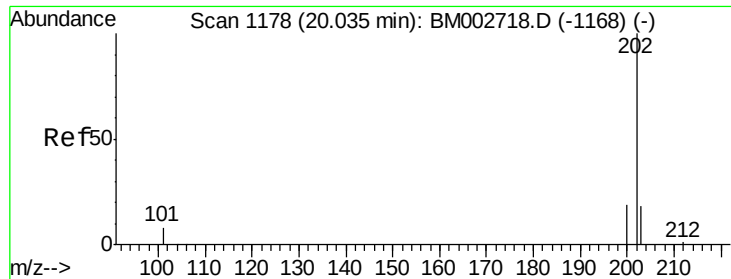


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

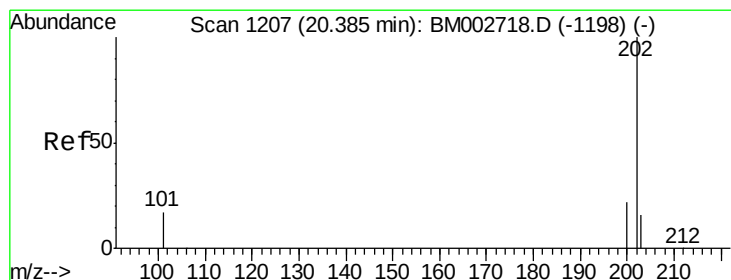
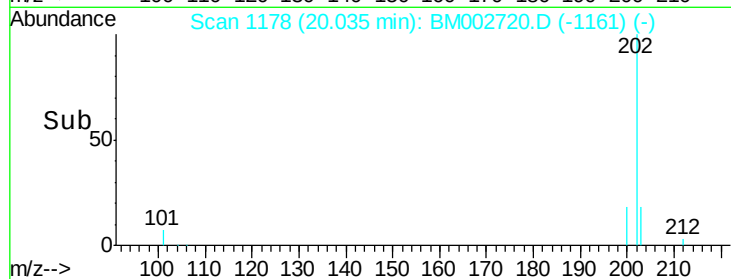
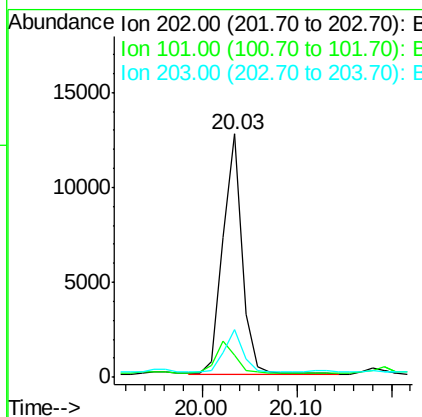
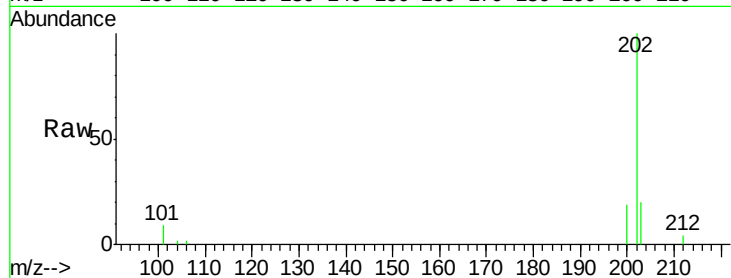




#17
 Fluoranthene
 Concen: 0.10 ng/ul
 RT: 20.03 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: BM002720.D
 Acq: 24 Sep 2015 20:05

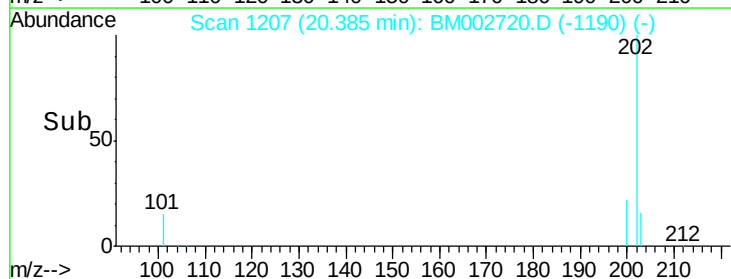
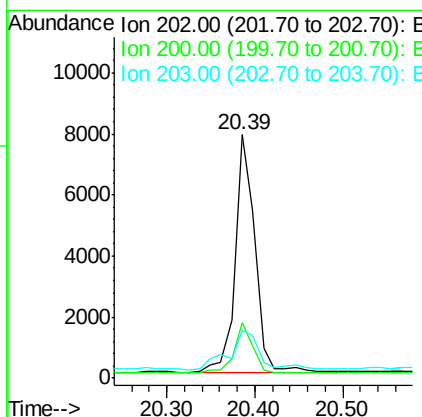
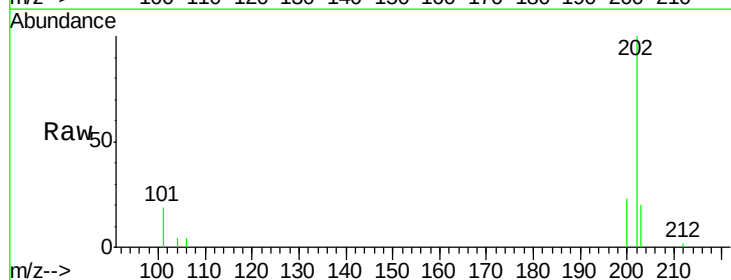
Instrument :
 BNA_M
 ClientSampleId :
 JHAG0

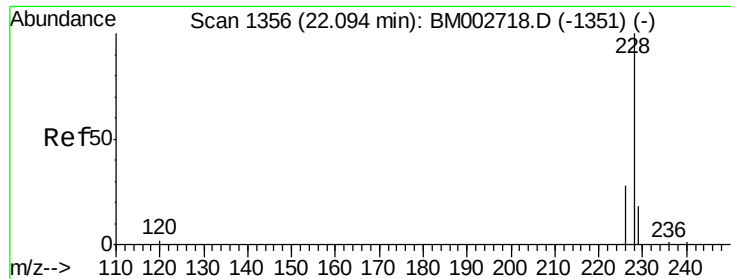
Tot Ion:202 Resp: 17632
 Ion Ratio Lower Upper
 202 100
 101 9.2 0.0 33.1
 203 19.8 0.0 37.2



#19
 Pyrene
 Concen: 0.07 ng/ul
 RT: 20.39 min Scan# 1207
 Delta R.T. 0.00 min
 Lab File: BM002720.D
 Acq: 24 Sep 2015 20:05

Tgt Ion:202 Resp: 12260
 Ion Ratio Lower Upper
 202 100
 200 23.0 18.0 27.0
 203 19.5 13.8 20.6





#20

Benzo(a)anthracene

Concen: 0.01 ng/ul

RT: 22.09 min Scan# 1356

Delta R.T. 0.00 min

Lab File: BM002720.D

Acq: 24 Sep 2015 20:05

Instrument :

BNA_M

ClientSampleId :

JHAG0

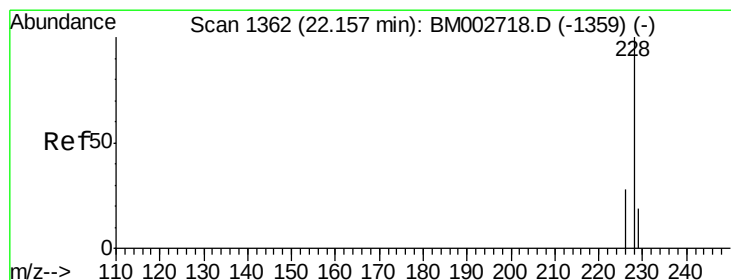
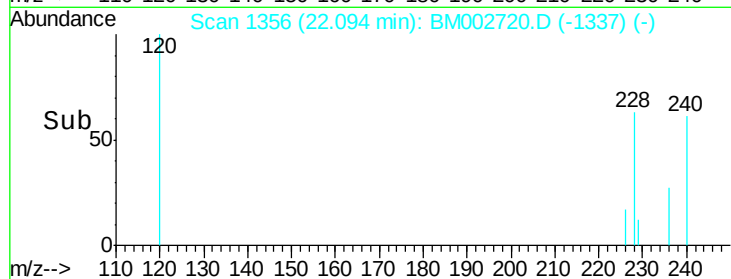
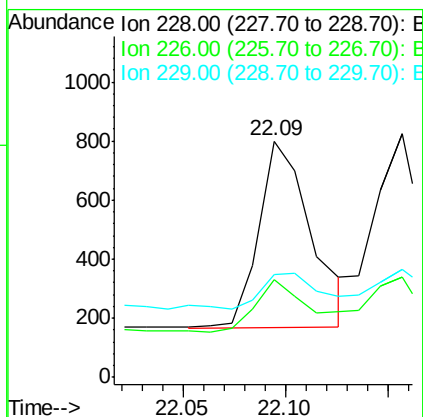
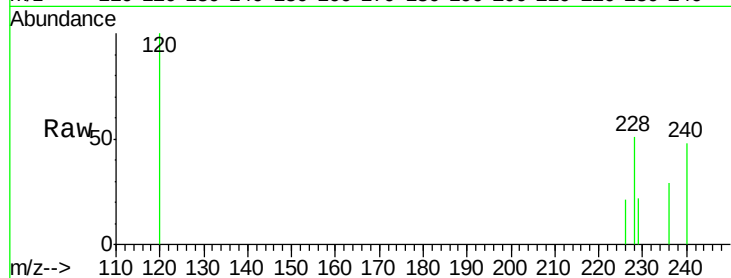
Tot Ion:228 Resp: 1133

Ion Ratio Lower Upper

228 100

226 41.3 23.0 34.4#

229 43.8 15.2 22.8#



#21

Chrysene

Concen: 0.01 ng/ul

RT: 22.16 min Scan# 1362

Delta R.T. 0.00 min

Lab File: BM002720.D

Acq: 24 Sep 2015 20:05

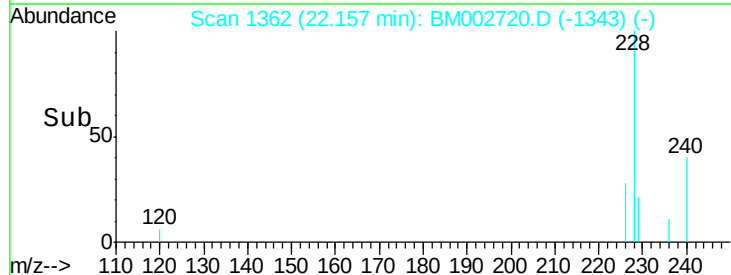
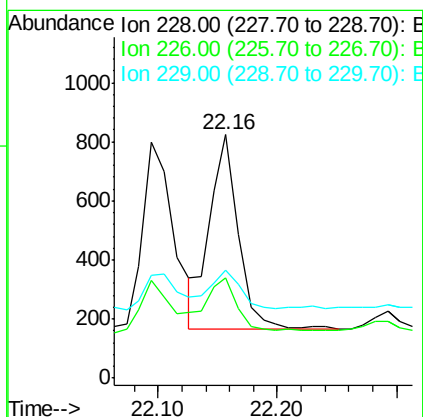
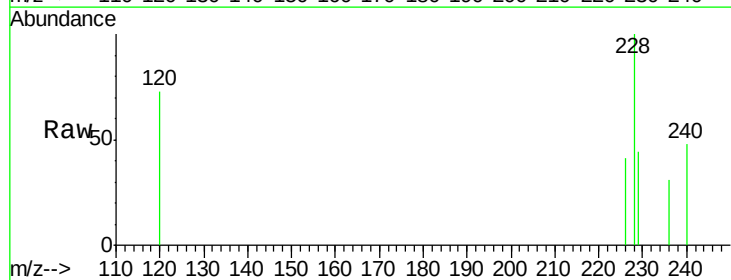
Tgt Ion:228 Resp: 1096

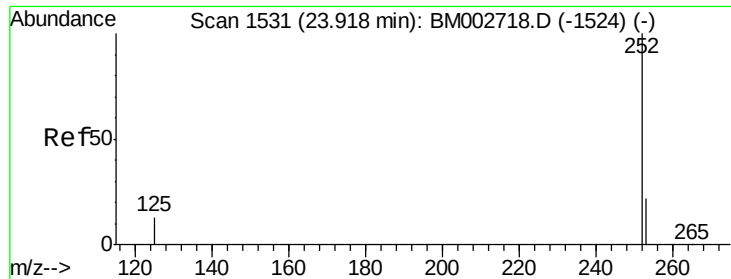
Ion Ratio Lower Upper

228 100

226 41.3 25.7 38.5#

229 44.4 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: BM002720.D

Acq: 24 Sep 2015 20:05

Instrument :

BNA_M

ClientSampleId :

JHAG0

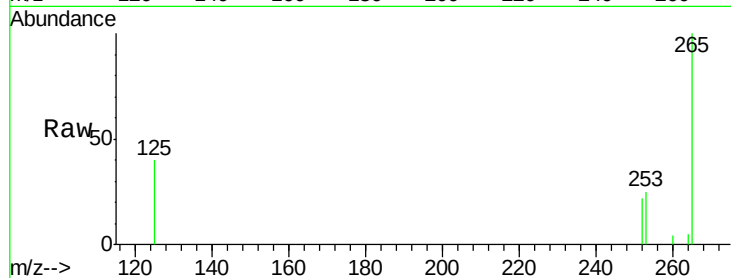
Tot Ion:252 Resp: 743

Ion Ratio Lower Upper

252 100

253 113.5 0.0 48.0#

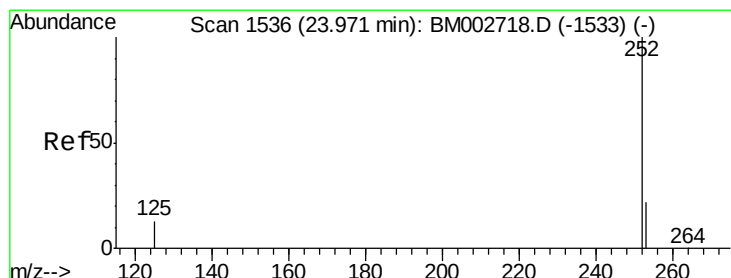
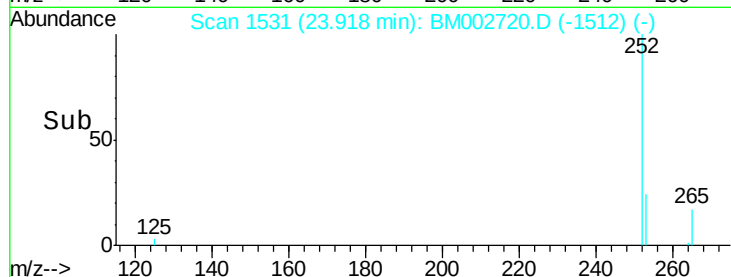
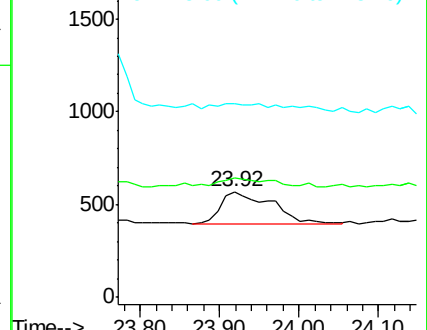
125 183.1 0.0 36.6#



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: 0.01 ng/ul

RT: 23.92 min Scan# 1531

Delta R.T. -0.05 min

Lab File: BM002720.D

Acq: 24 Sep 2015 20:05

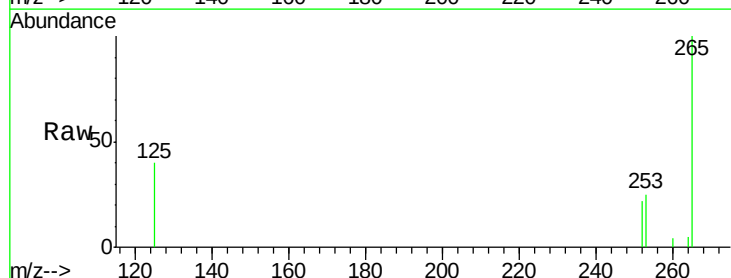
Tgt Ion:252 Resp: 743

Ion Ratio Lower Upper

252 100

253 113.5 20.8 31.2#

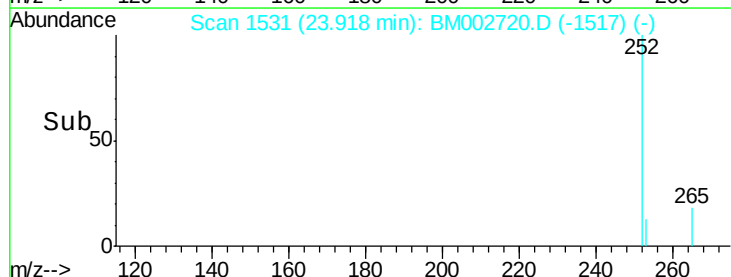
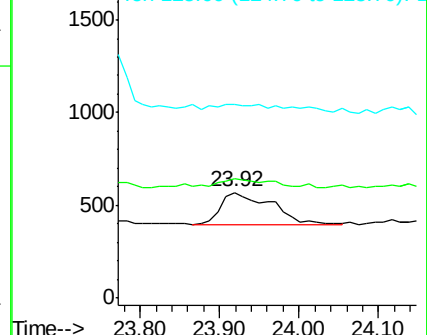
125 183.1 12.2 18.4#

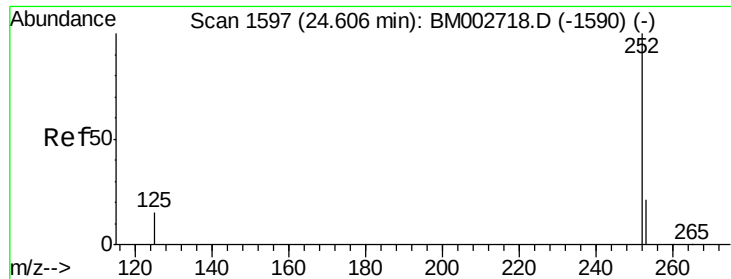


Abundance Ion 252.00 (251.70 to 252.70): E

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: 24.61 min Scan# 1597

Delta R.T. 0.00 min

Lab File: BM002720.D

Acq: 24 Sep 2015 20:05

Instrument :

BNA_M

ClientSampleId :

JHAG0

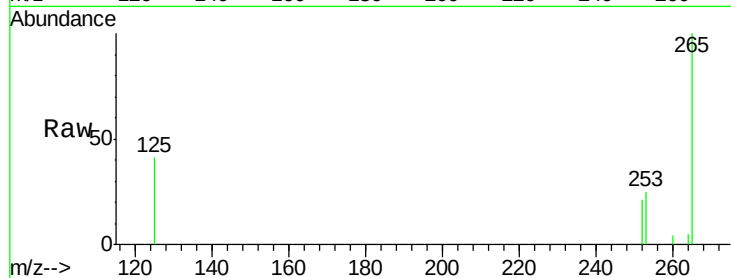
Tot Ion:252 Resp: 383

Ion Ratio Lower Upper

252 100

253 119.7 21.8 32.8#

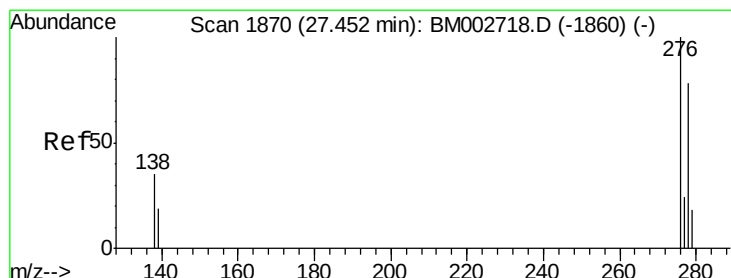
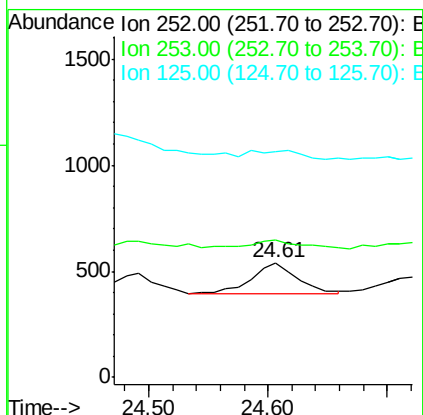
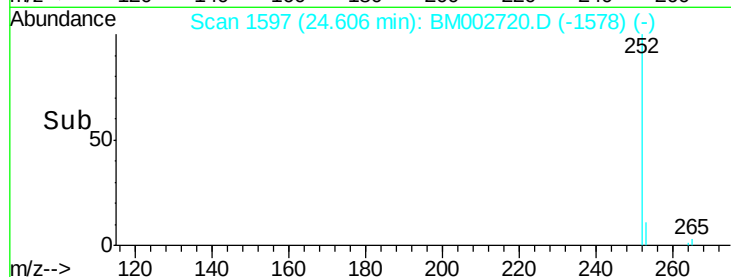
125 196.3 14.5 21.7#



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



#26

Indeno(1,2,3-cd)pyrene

Concen: 0.00 ng/ul

RT: 27.45 min Scan# 1870

Delta R.T. 0.00 min

Lab File: BM002720.D

Acq: 24 Sep 2015 20:05

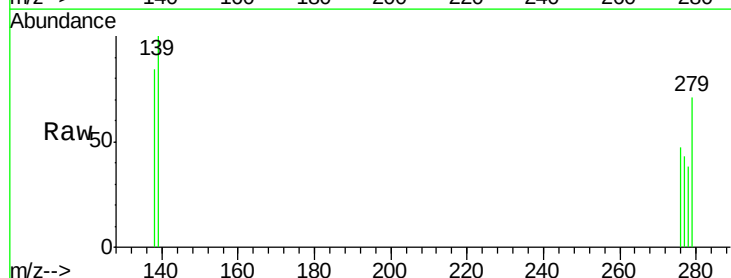
Tgt Ion:276 Resp: 201

Ion Ratio Lower Upper

276 100

138 42.8 27.5 41.3#

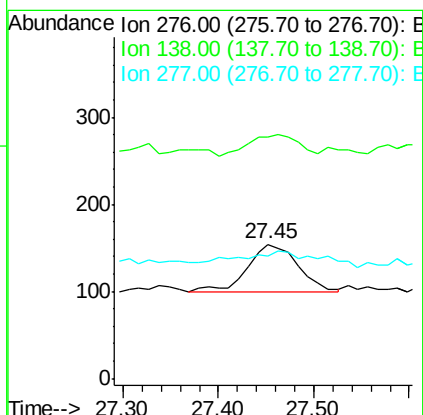
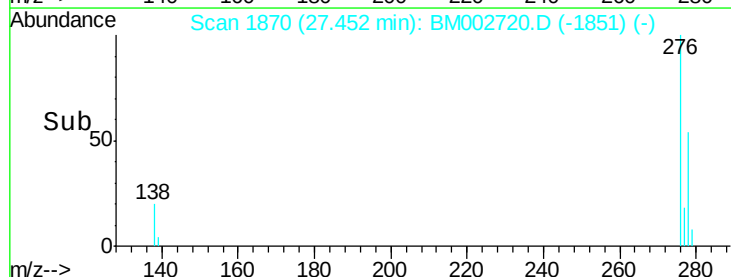
277 55.7 19.3 28.9#

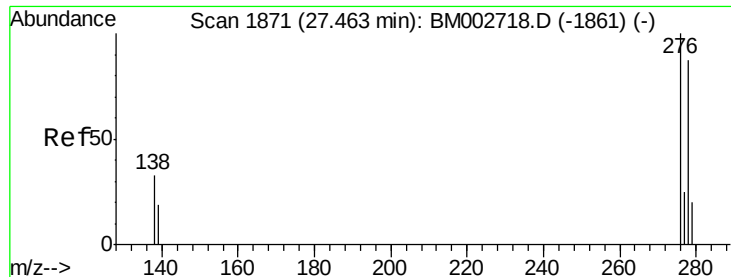


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

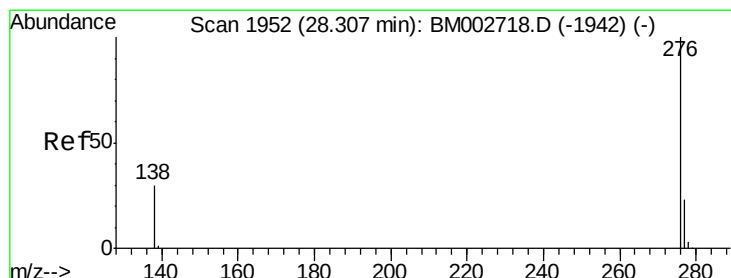
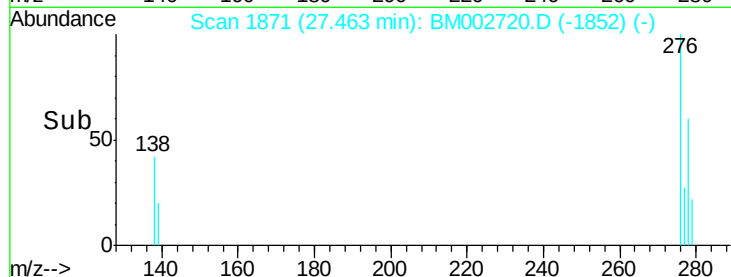
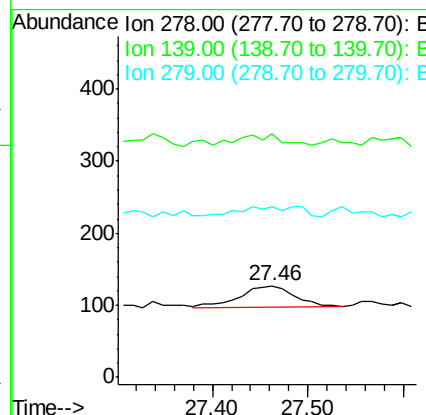
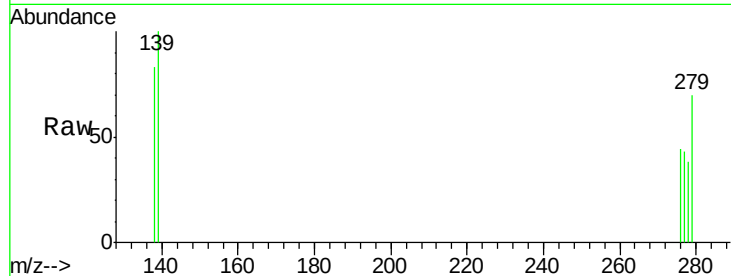




#27
Dibenzo(a,h)anthracene
Concen: 0.00 ng/ul
RT: 27.46 min Scan# 1871
Delta R.T. 0.00 min
Lab File: BM002720.D
Acq: 24 Sep 2015 20:05

Instrument :
BNA_M
ClientSampleId :
JHAG0

Tot Ion:278 Resp: 120
Ion Ratio Lower Upper
278 100
139 266.1 21.7 32.5#
279 186.6 21.9 32.9#



#28
Benzo(g,h,i)perylene
Concen: 0.00 ng/ul
RT: 28.32 min Scan# 1953
Delta R.T. 0.01 min
Lab File: BM002720.D
Acq: 24 Sep 2015 20:05

Tgt Ion:276 Resp: 188
Ion Ratio Lower Upper
276 100
277 97.9 21.3 31.9#
138 195.2 25.5 38.3#

