

Data Path : U:\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: Oct 02 11:41:45 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	R.T.	QIon	Response	Conc	Units	Dev(Min)
2) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
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

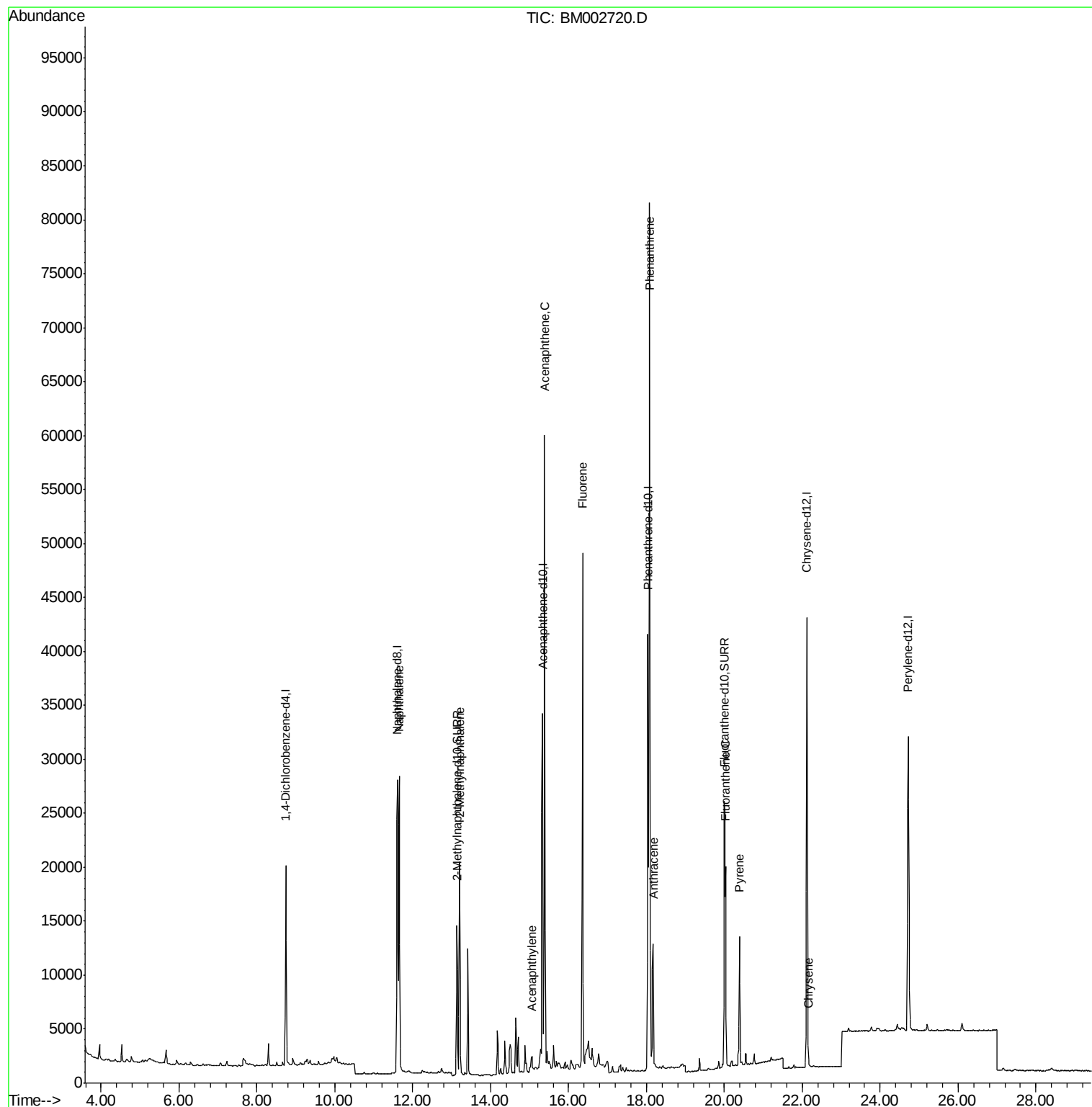
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Naphthalene	11.65	128	42550	0.37	ng/ul	98
7) 2-Methylnaphthalene	13.20	142	15626	0.21	ng/ul	100
9) Acenaphthylene	15.06	152	1865	0.02	ng/ul#	88
10) Acenaphthene	15.38	153	35589	0.40	ng/ul	91
11) Fluorene	16.36	166	32996	0.33	ng/ul	87
14) Phenanthrene	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
21) Chrysene	22.16	228	1096	0.01	ng/ul#	69

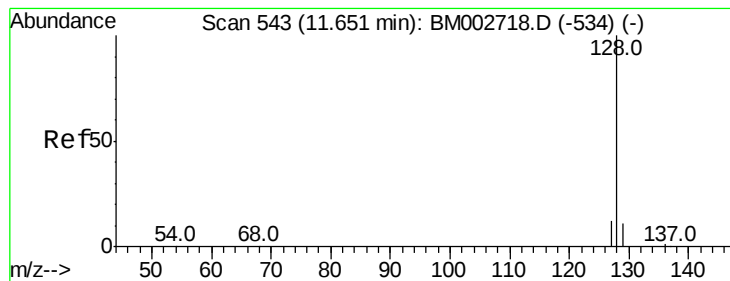
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

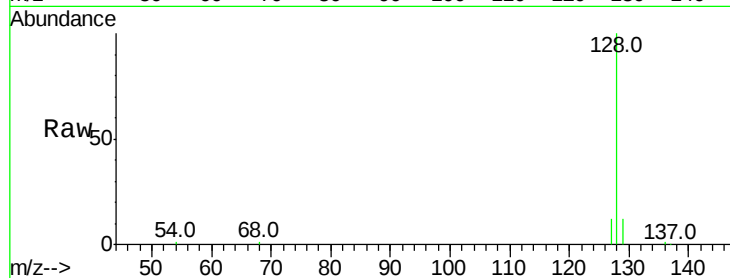
Tot Ion:128 Resp: 42550

Ion Ratio Lower Upper

128 100

129 11.7 9.8 14.8

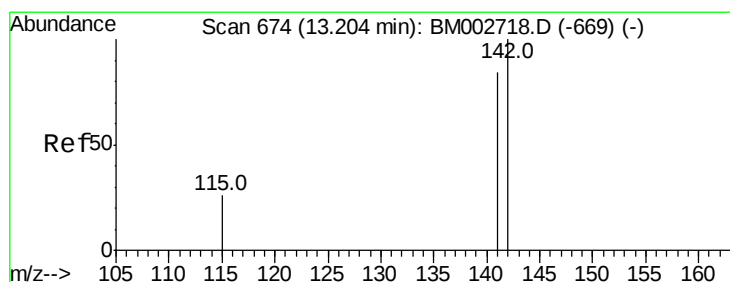
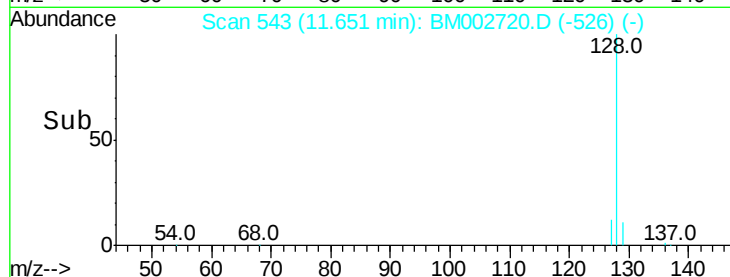
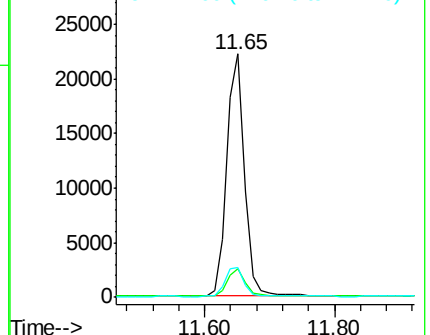
127 12.3 10.7 16.1



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

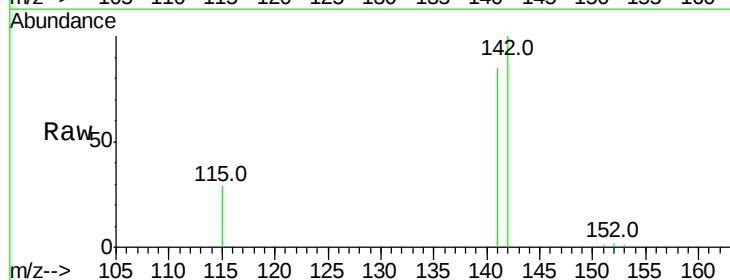
Acq: 24 Sep 2015 20:05

Tgt Ion:142 Resp: 15626

Ion Ratio Lower Upper

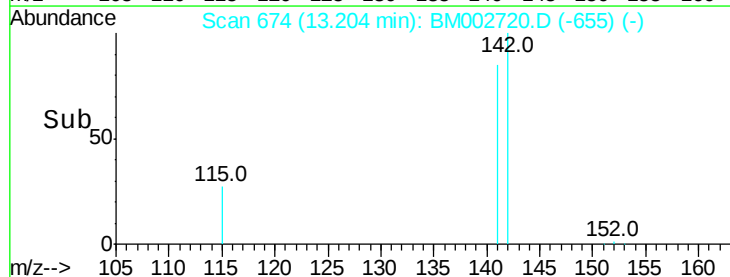
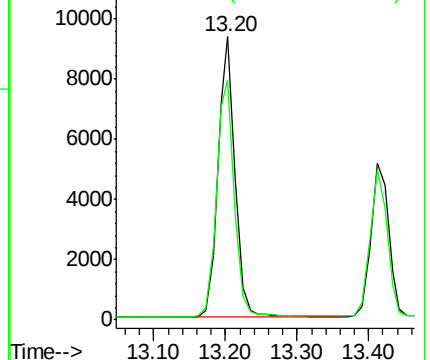
142 100

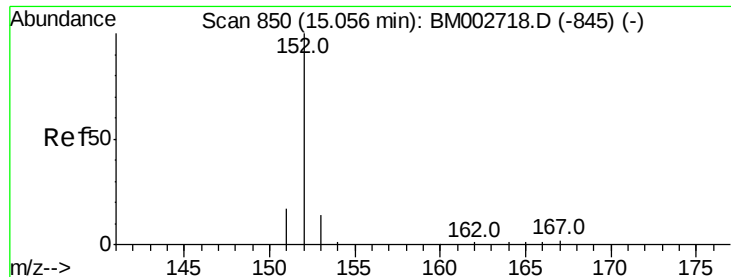
141 88.3 70.3 105.5



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

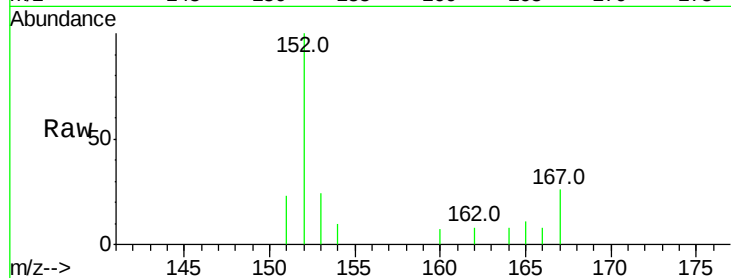
Tot Ion:152 Resp: 1865

Ion Ratio Lower Upper

152 100

151 23.1 16.8 25.2

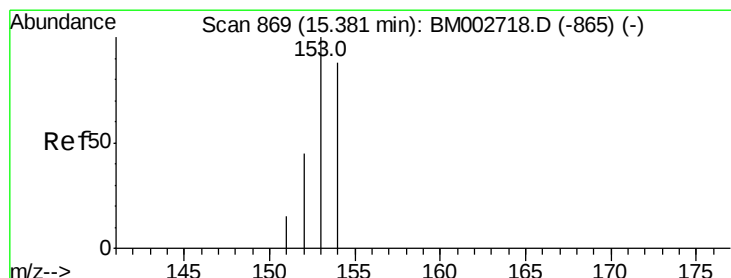
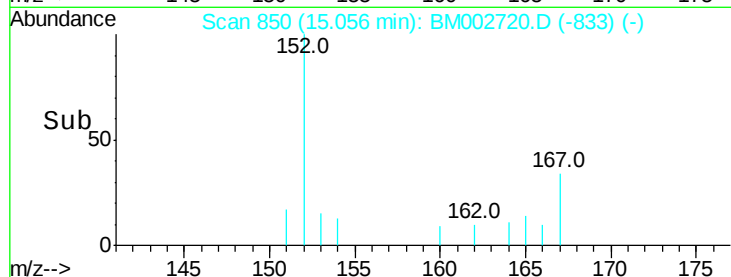
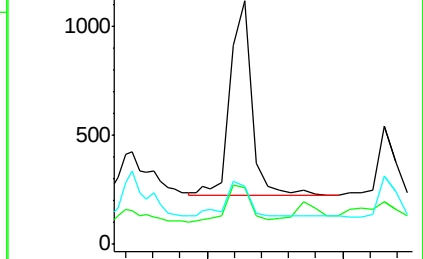
153 23.7 11.3 16.9#



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: 0.40 ng/ul

RT: 15.38 min Scan# 869

Delta R.T. 0.00 min

Lab File: BM002720.D

Acq: 24 Sep 2015 20:05

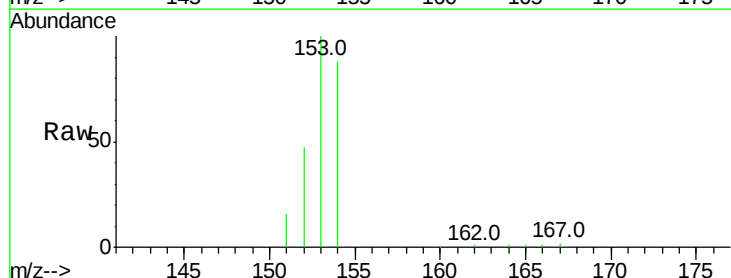
Tgt Ion:153 Resp: 35589

Ion Ratio Lower Upper

153 100

152 46.5 42.3 63.5

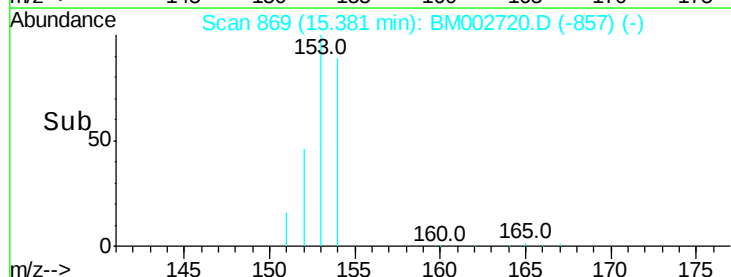
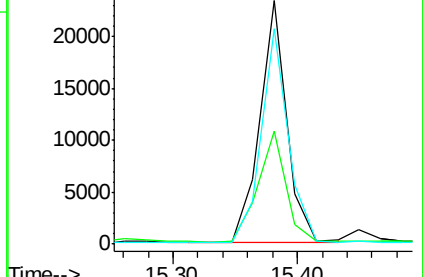
154 88.5 64.7 97.1

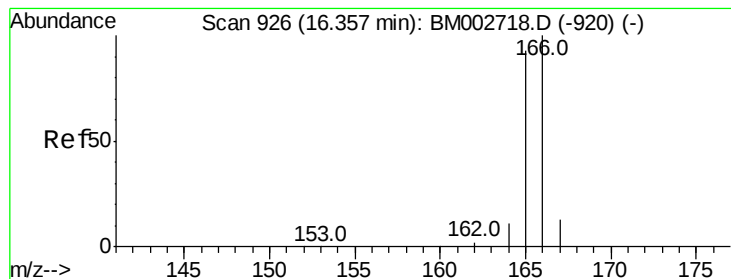


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#11

Fluorene

Concen: 0.33 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

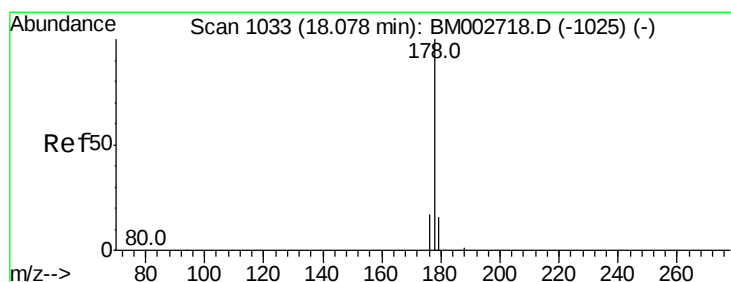
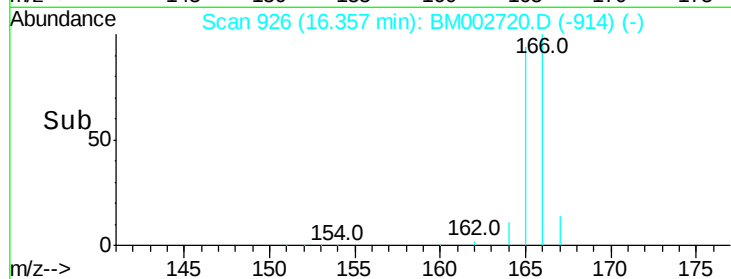
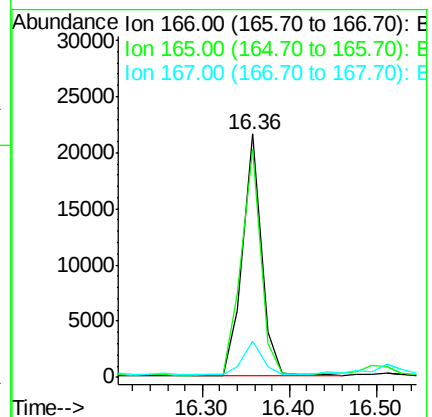
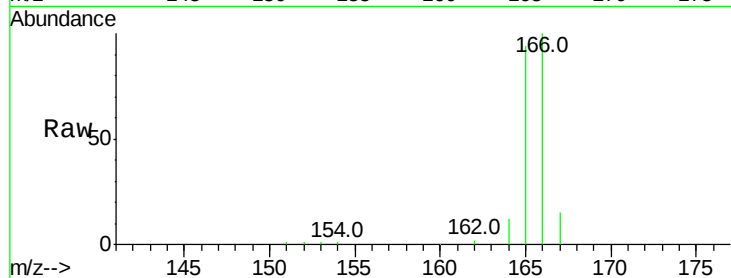
Tot Ion:166 Resp: 32996

Ion Ratio Lower Upper

166 100

165 94.0 87.6 131.4

167 15.0 11.1 16.7



#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

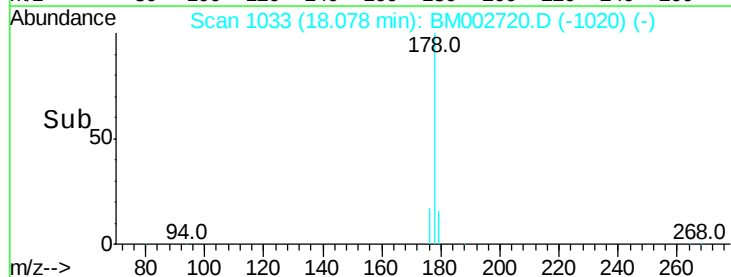
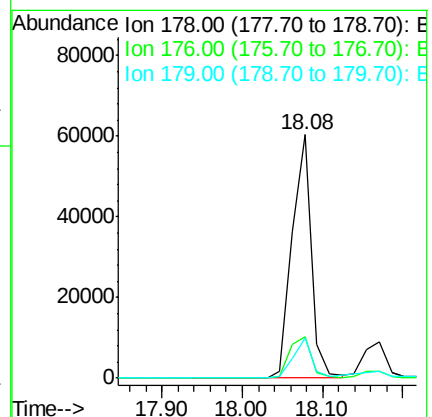
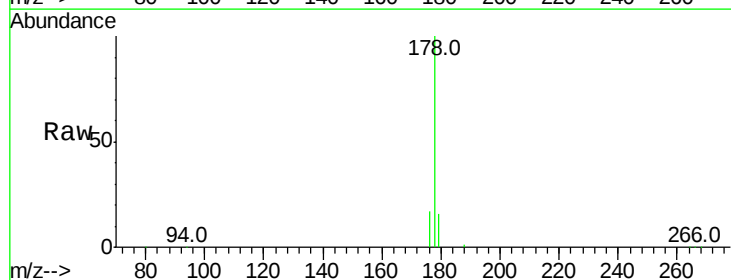
Tgt Ion:178 Resp: 100018

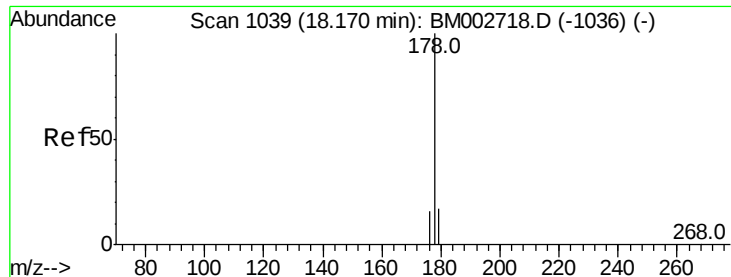
Ion Ratio Lower Upper

178 100

176 17.0 16.2 24.4

179 16.4 12.8 19.2





#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

Instrument :

BNA_M

ClientSampleId :

JHAG0

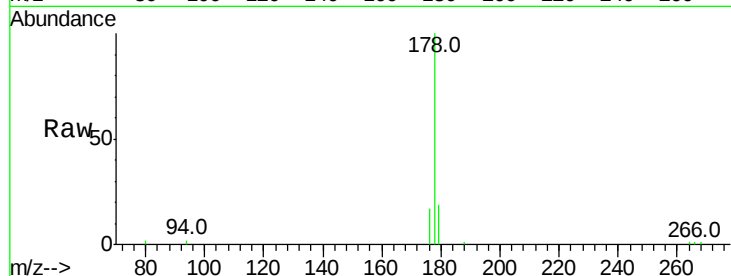
Tot Ion:178 Resp: 17055

Ion Ratio Lower Upper

178 100

176 17.3 15.8 23.8

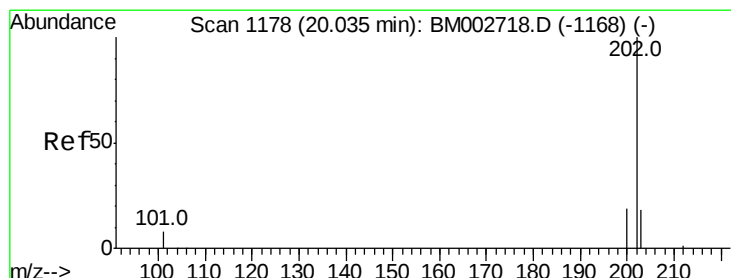
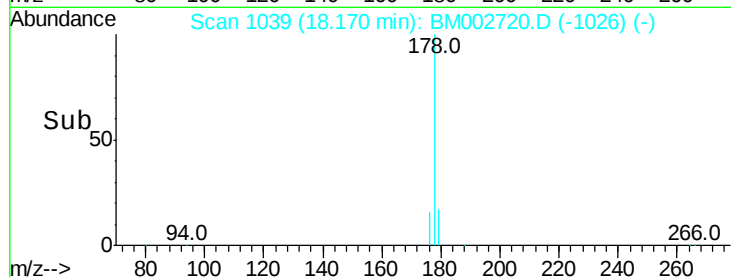
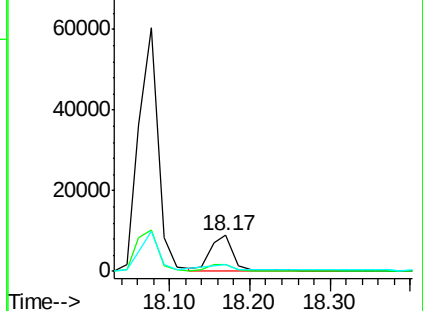
179 18.9 13.3 19.9



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

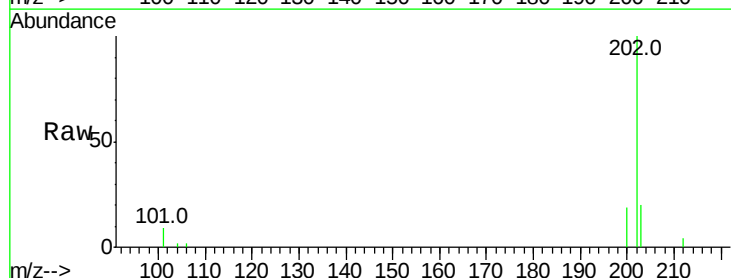
Tgt Ion:202 Resp: 17632

Ion Ratio Lower Upper

202 100

101 9.2 0.0 33.1

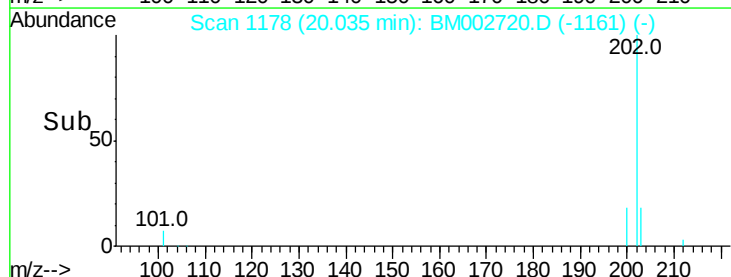
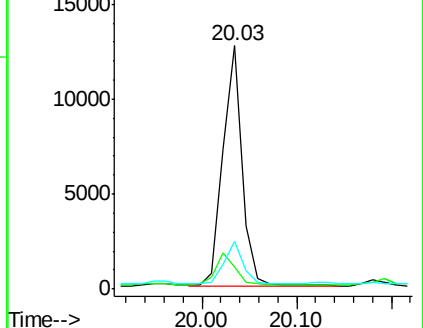
203 19.8 0.0 37.2

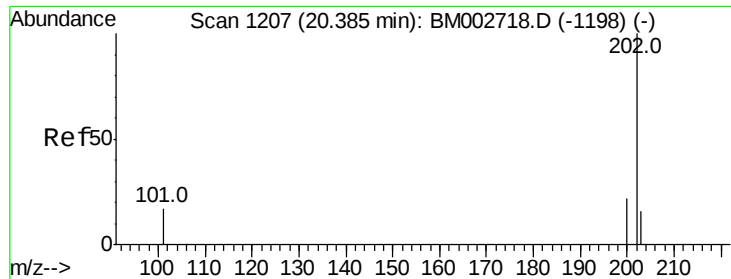


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#19

Pvrene

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

Instrument :

BNA_M

ClientSampleId :

JHAG0

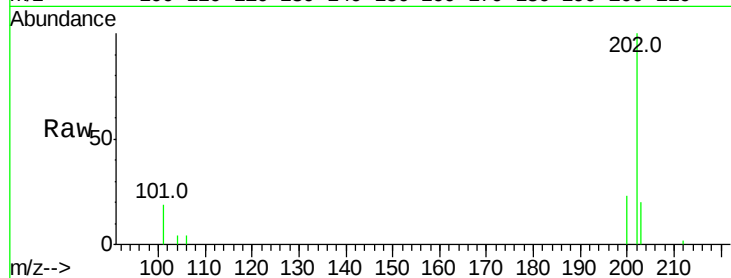
Tot Ion:202 Resp: 12260

Ion Ratio Lower Upper

202 100

200 23.0 18.0 27.0

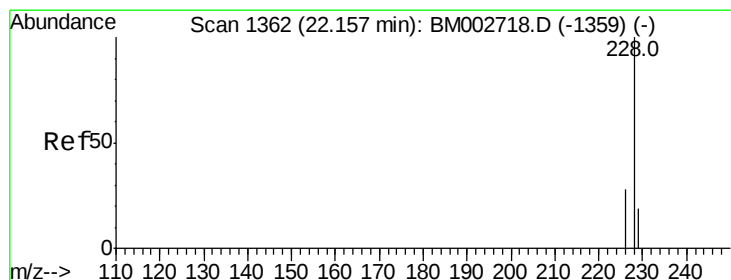
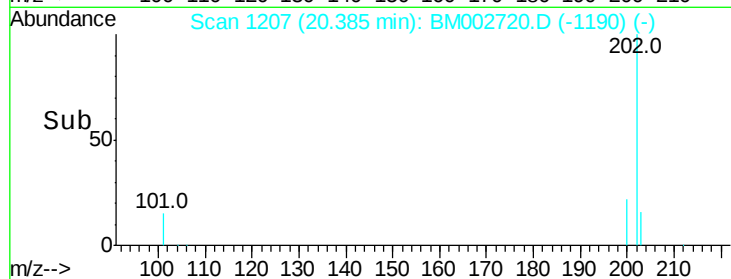
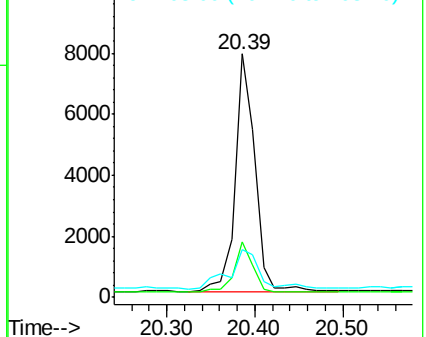
203 19.5 13.8 20.6



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



#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

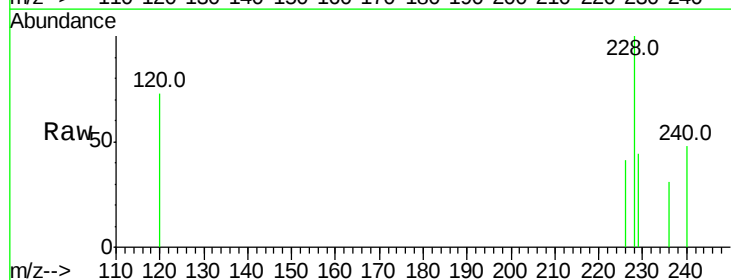
Tgt Ion:228 Resp: 1096

Ion Ratio Lower Upper

228 100

226 41.3 25.7 38.5#

229 44.4 15.2 22.8#



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

