

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102315\
 Data File : BM002972.D
 Acq On : 22 Oct 2015 11:32
 Operator : UM/IZ
 Sample : PB86161BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SBLK61

Quant Time: Oct 23 01:03:04 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM102215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 23 01:01:42 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.64	152	4166	0.40	ng/ul	0.00
4) Naphthalene-d8	11.49	136	19207	0.40	ng/ul	0.00
8) Acenaphthene-d10	15.23	164	11634	0.40	ng/ul	0.00
12) Phenanthrene-d10	18.03	188	2150393	0.40	ng/ul	0.09
18) Chrysene-d12	22.03	240	24502	0.40	ng/ul	0.00
22) Perylene-d12	0.00	264	0	0.00	ng/ul	-24.60

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
2) 1,4-Dioxane-d8	3.71	96	24886	5.59	ng/uL	0.00
6) 2-Methylnaphthalene-d10	13.04	152	10958	0.34	ng/ul	0.00
16) Fluoranthene-d10	19.93	212	26802	0.00	ng/ul	0.00

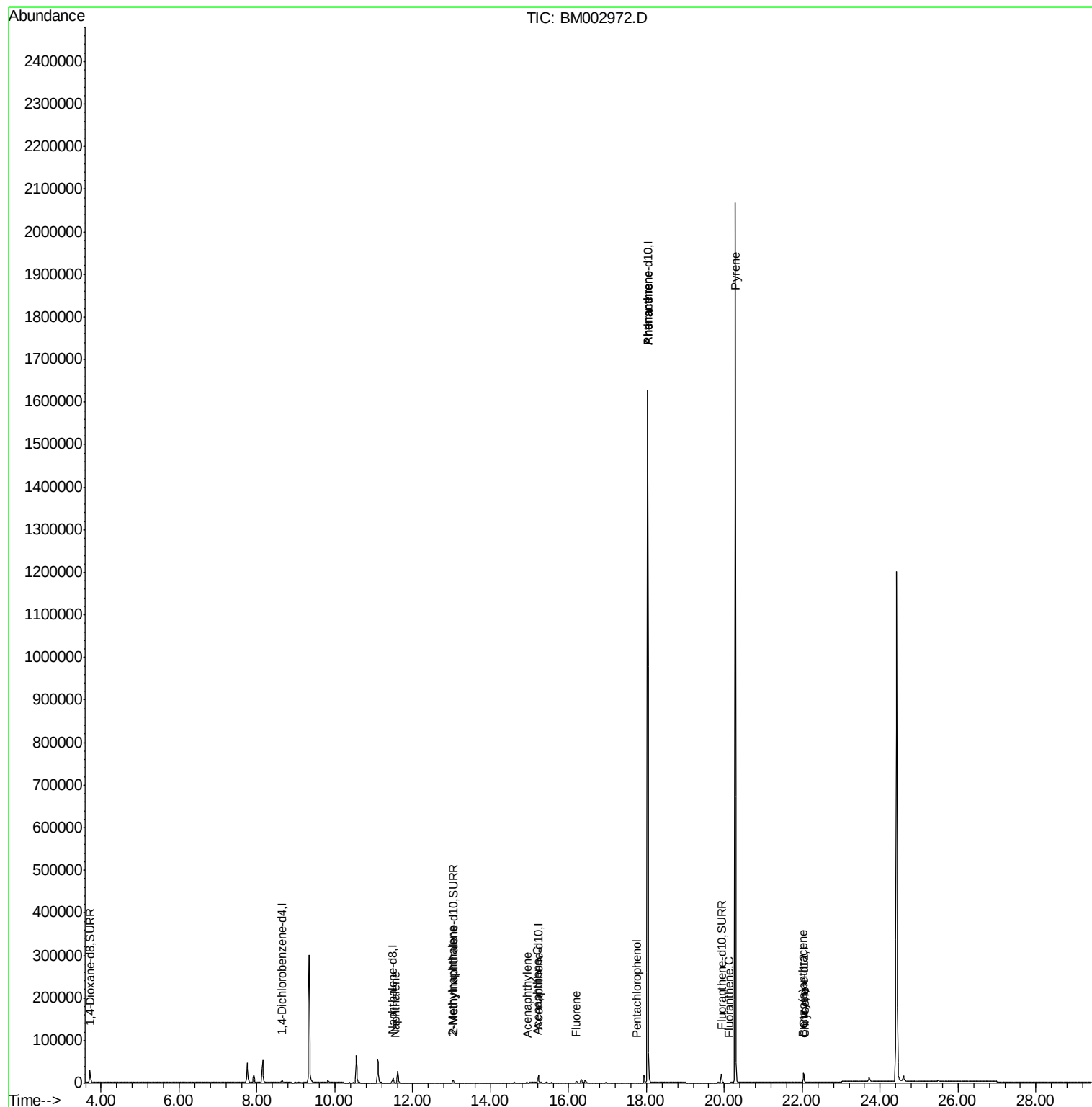
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Naphthalene	11.54	128	32	0.00	ng/ul#	1
7) 2-Methylnaphthalene	13.03	142	1255	0.04	ng/ul#	5
9) Acenaphthylene	14.93	152	195	0.00	ng/ul#	1
10) Acenaphthene	15.21	153	107	0.00	ng/ul#	1
11) Fluorene	16.20	166	3495	0.07	ng/ul#	9
13) Pentachlorophenol	17.75	266	25	0.00	ng/ul#	39
14) Phenanthrene	18.03	178	1236	0.00	ng/ul#	1
15) Anthracene	18.03	178	965	0.00	ng/ul#	1
17) Fluoranthene	20.12	202	25	0.00	ng/ul#	1
19) Pyrene	20.28	202	4235	0.05	ng/ul#	1
20) Benzo(a)anthracene	22.01	228	576	0.01	ng/ul#	30
21) Chrysene	22.08	228	906	0.01	ng/ul#	53

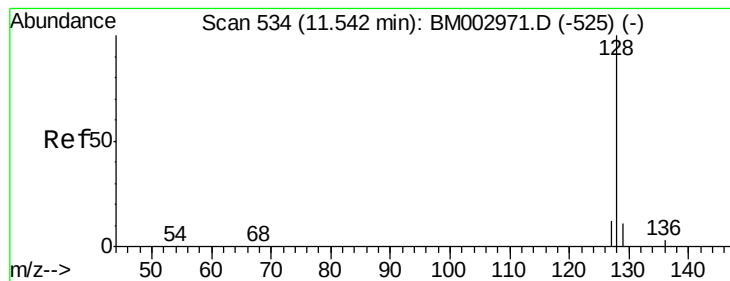
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.00 ng/ul

RT: 11.54 min Scan# 534

Delta R.T. 0.00 min

Lab File: BM002972.D

Acq: 22 Oct 2015 11:32

Instrument :

BNA_M

ClientSampleId :

SBLK61

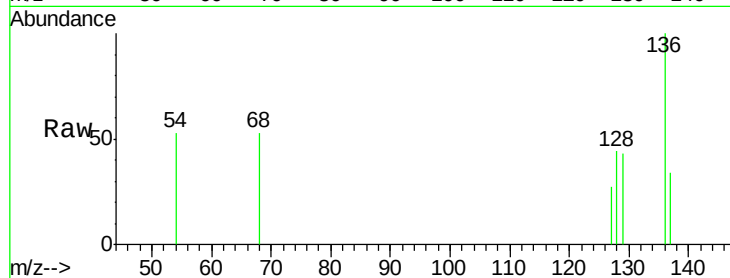
Tot Ion:128 Resp: 32

Ion Ratio Lower Upper

128 100

129 96.6 9.8 14.8#

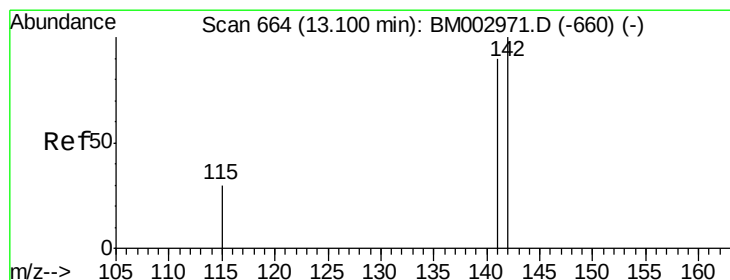
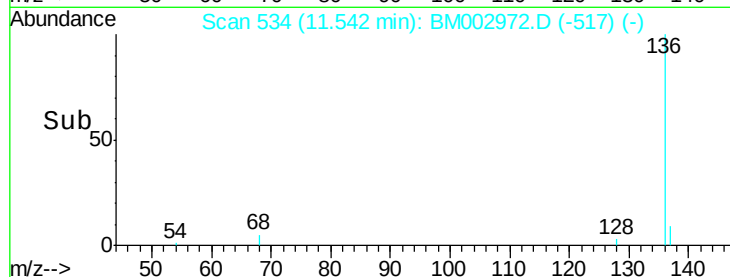
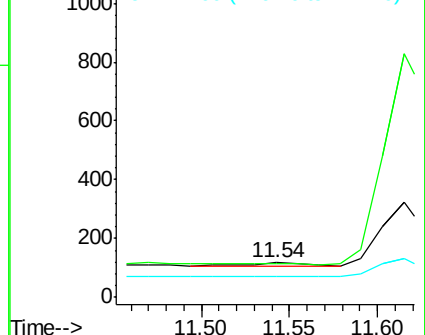
127 60.7 10.7 16.1#



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: 0.04 ng/ul

RT: 13.03 min Scan# 657

Delta R.T. -0.07 min

Lab File: BM002972.D

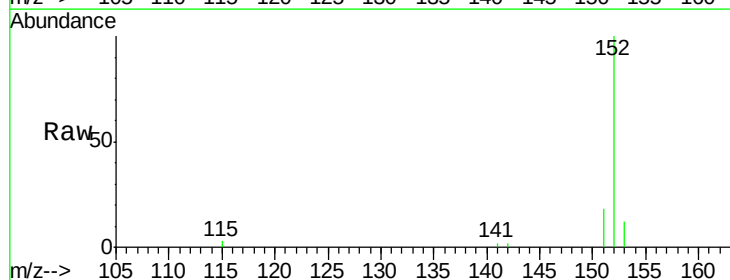
Acq: 22 Oct 2015 11:32

Tgt Ion:142 Resp: 1255

Ion Ratio Lower Upper

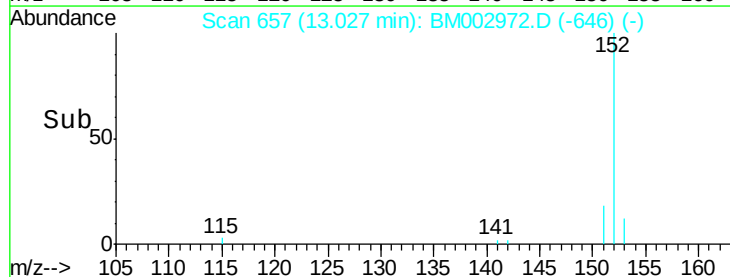
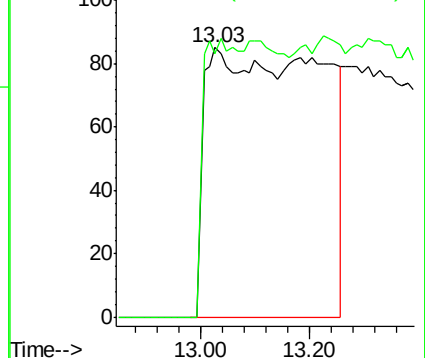
142 100

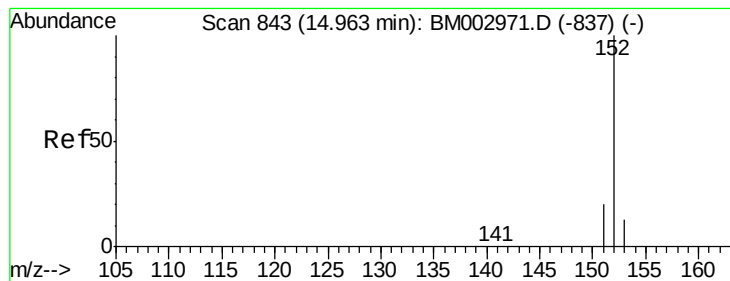
141 0.0 70.3 105.5#



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: 14.93 min Scan# 840

Delta R.T. -0.03 min

Lab File: BM002972.D

Acq: 22 Oct 2015 11:32

Instrument :

BNA_M

ClientSampleId :

SBLK61

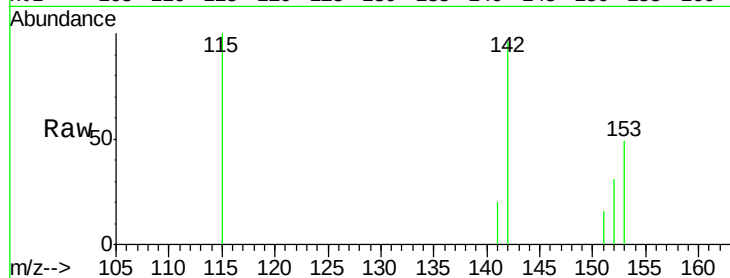
Tot Ion:152 Resp: 195

Ion Ratio Lower Upper

152 100

151 52.6 16.8 25.2#

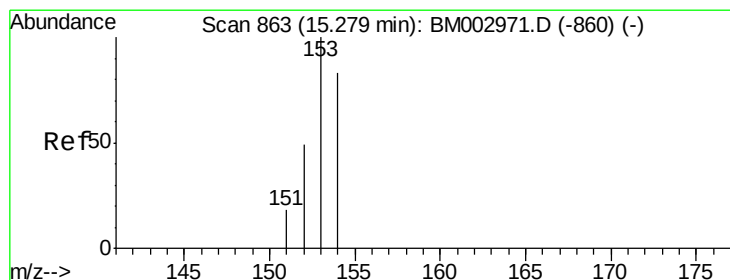
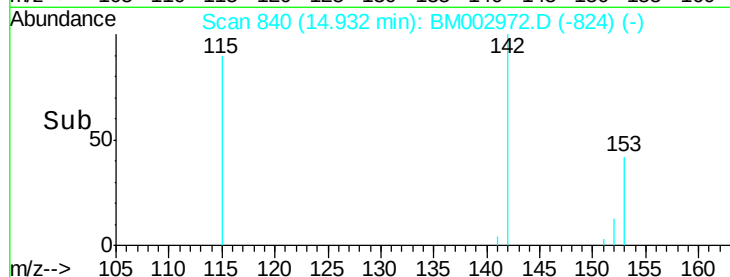
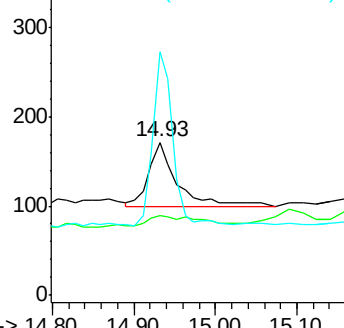
153 159.1 11.3 16.9#



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: 15.21 min Scan# 859

Delta R.T. -0.07 min

Lab File: BM002972.D

Acq: 22 Oct 2015 11:32

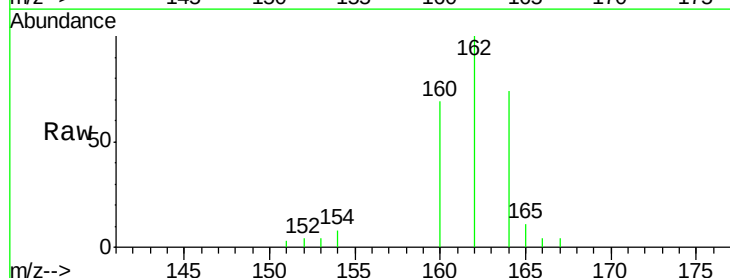
Tgt Ion:153 Resp: 107

Ion Ratio Lower Upper

153 100

152 110.1 42.3 63.5#

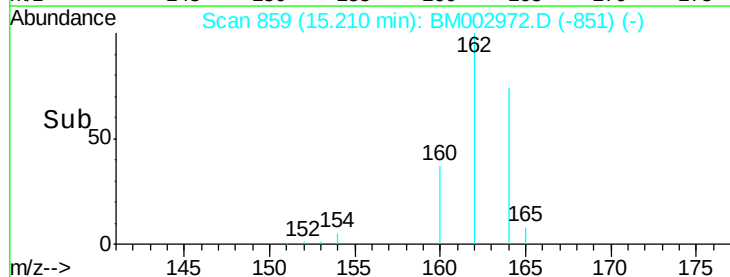
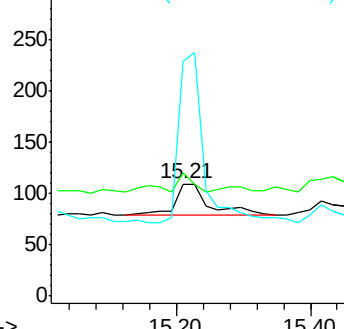
154 209.2 64.7 97.1#

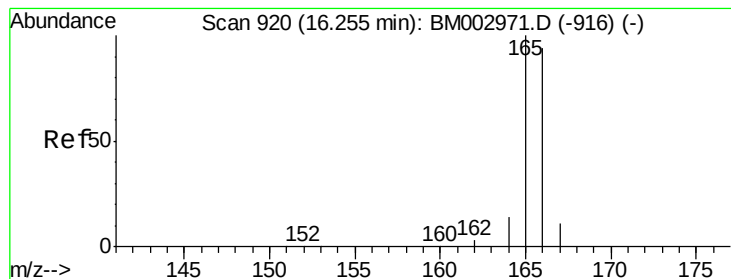


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#11

Fluorene

Concen: 0.07 ng/ul

RT: 16.20 min Scan# 917

Delta R.T. -0.05 min

Lab File: BM002972.D

Acq: 22 Oct 2015 11:32

Instrument :

BNA_M

ClientSampleId :

SBLK61

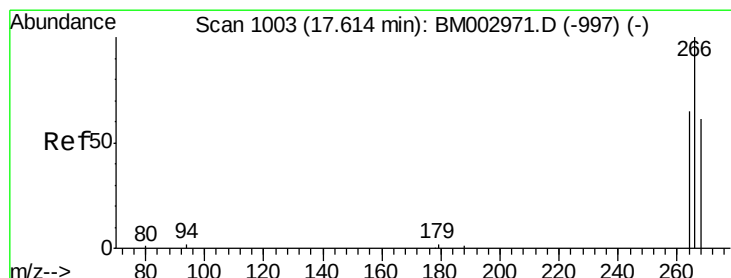
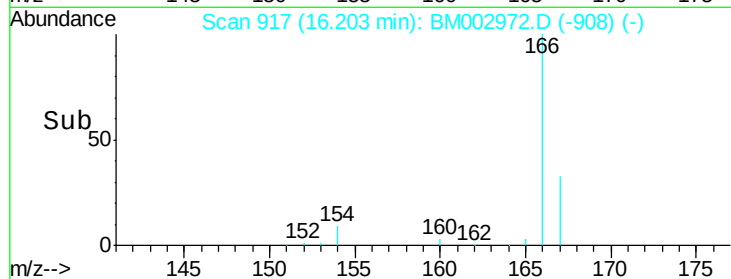
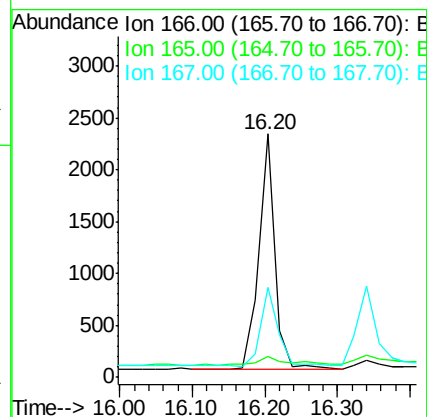
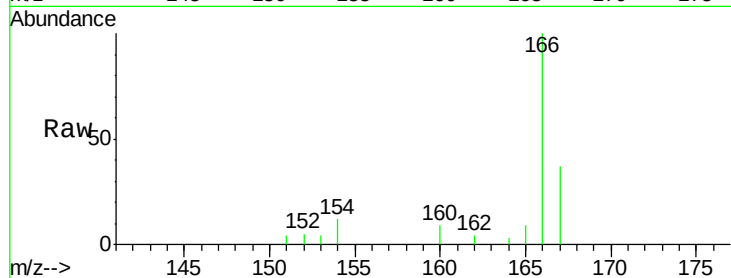
Tot Ion:166 Resp: 3495

Ion Ratio Lower Upper

166 100

165 8.6 87.6 131.4#

167 36.8 11.1 16.7#



#13

Pentachlorophenol

Concen: 0.00 ng/ul

RT: 17.75 min Scan# 1012

Delta R.T. 0.14 min

Lab File: BM002972.D

Acq: 22 Oct 2015 11:32

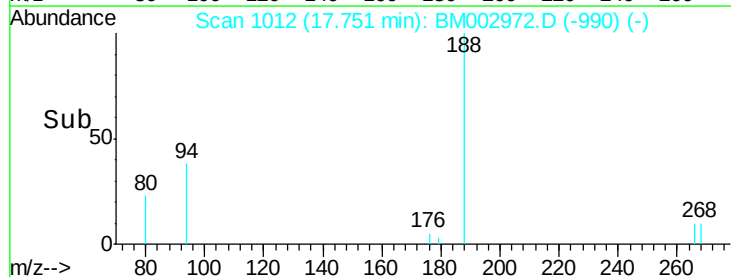
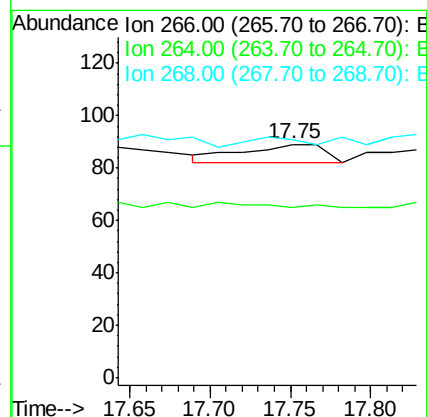
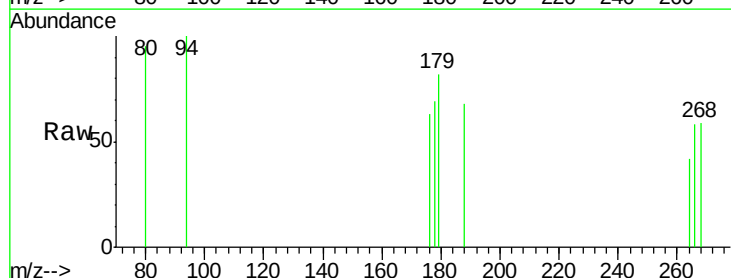
Tgt Ion:266 Resp: 25

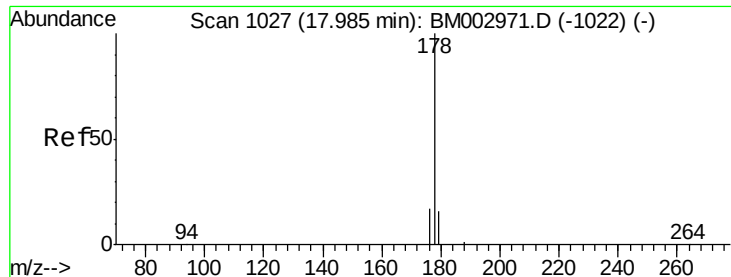
Ion Ratio Lower Upper

266 100

264 0.0 53.5 80.3#

268 36.0 54.2 81.2#





#14

Phenanthrene

Concen: 0.00 ng/ul

RT: 18.03 min Scan# 1030

Delta R.T. 0.04 min

Lab File: BM002972.D

Acq: 22 Oct 2015 11:32

Instrument :

BNA_M

ClientSampleId :

SBLK61

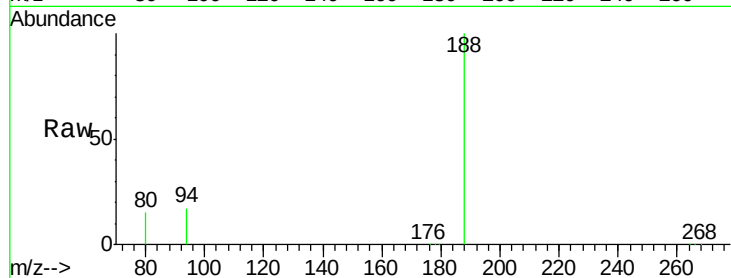
Tot Ion:178 Resp: 1236

Ion Ratio Lower Upper

178 100

176 17.5 16.2 24.4

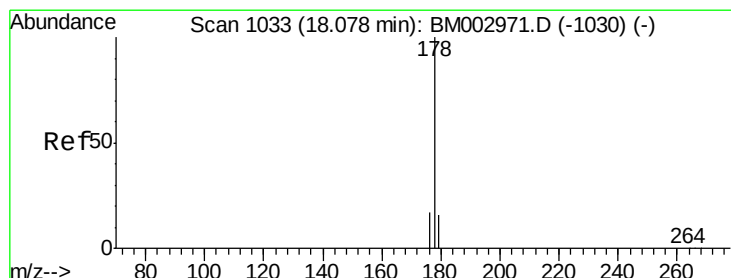
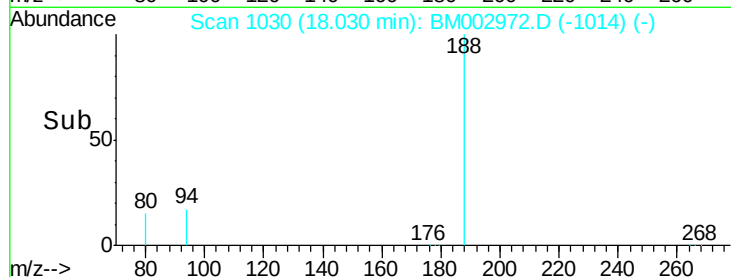
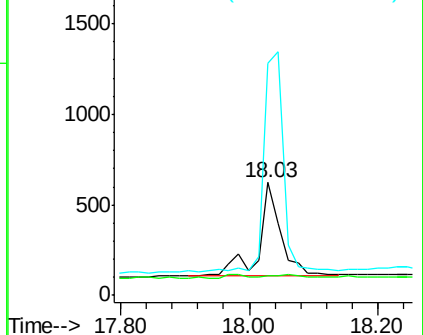
179 205.6 12.8 19.2#



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: 18.03 min Scan# 1030

Delta R.T. -0.05 min

Lab File: BM002972.D

Acq: 22 Oct 2015 11:32

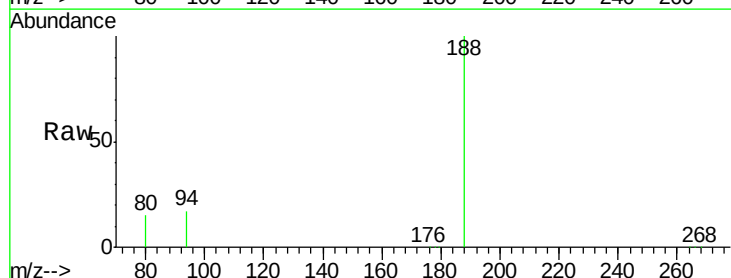
Tgt Ion:178 Resp: 965

Ion Ratio Lower Upper

178 100

176 17.5 15.8 23.8

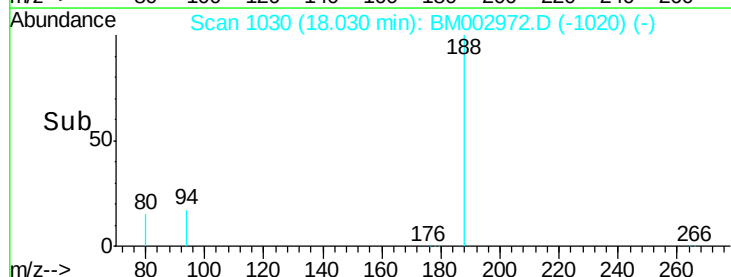
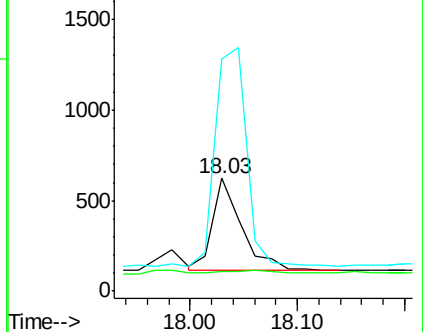
179 205.6 13.3 19.9#

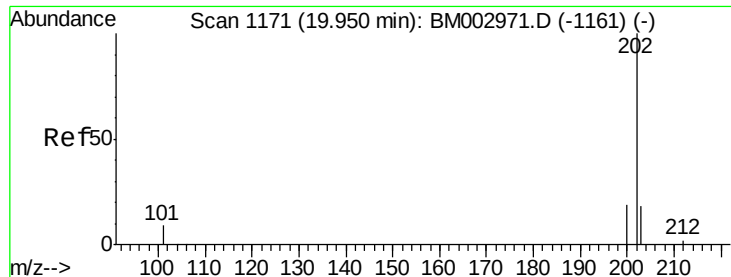


Abundance Ion 178.00 (177.70 to 178.70): E

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: 20.12 min Scan# 1185

Delta R.T. 0.17 min

Lab File: BM002972.D

Acq: 22 Oct 2015 11:32

Instrument :

BNA_M

ClientSampleId :

SBLK61

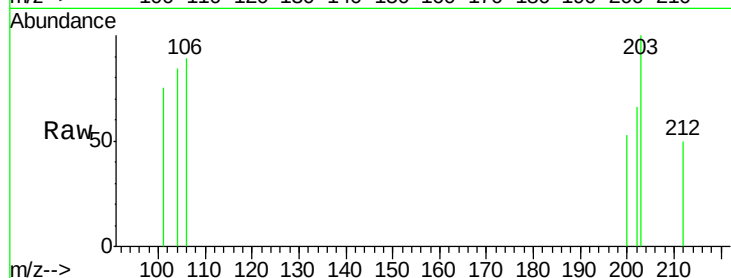
Tot Ion:202 Resp: 25

Ion Ratio Lower Upper

202 100

101 113.2 0.0 33.1#

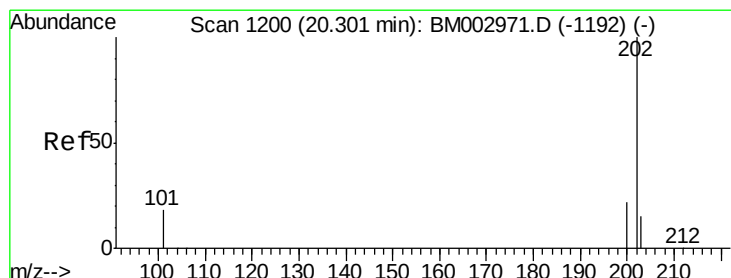
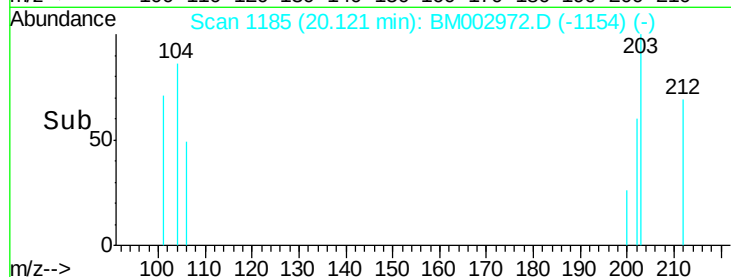
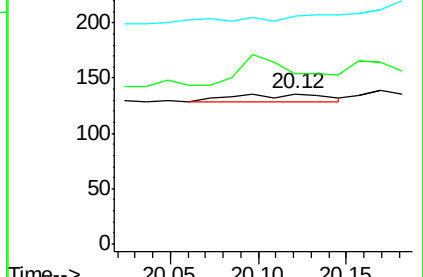
203 151.5 0.0 37.2#



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: 0.05 ng/ul

RT: 20.28 min Scan# 1198

Delta R.T. -0.02 min

Lab File: BM002972.D

Acq: 22 Oct 2015 11:32

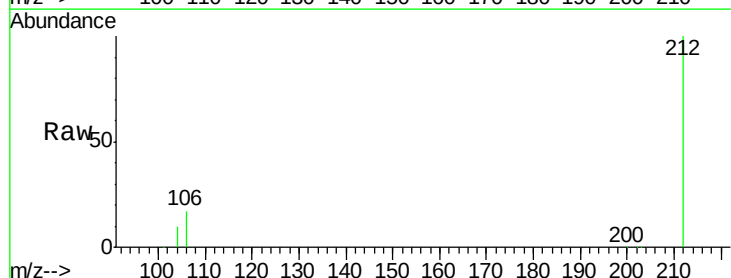
Tgt Ion:202 Resp: 4235

Ion Ratio Lower Upper

202 100

200 6.9 18.0 27.0#

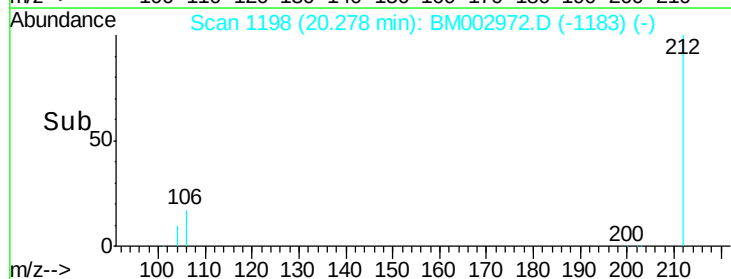
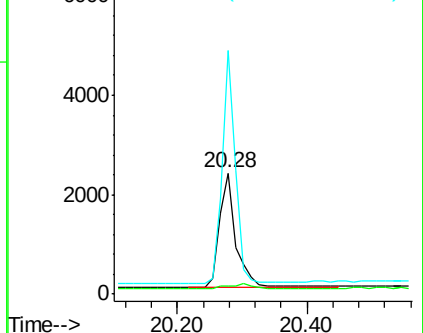
203 201.2 13.8 20.6#

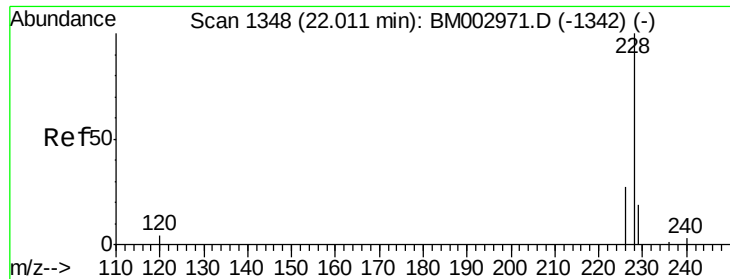


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#20

Benzo(a)anthracene

Concen: 0.01 ng/ul

RT: 22.01 min Scan# 1348

Delta R.T. 0.00 min

Lab File: BM002972.D

Acq: 22 Oct 2015 11:32

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BNA_M

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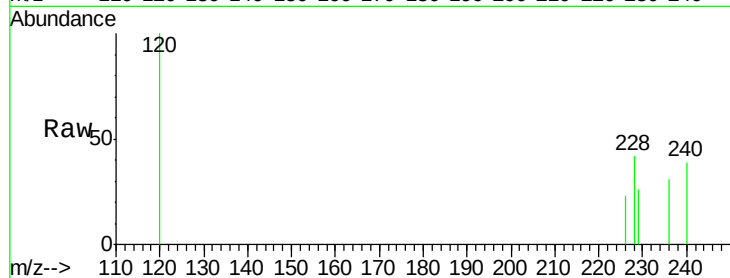
Tot Ion:228 Resp: 576

Ion Ratio Lower Upper

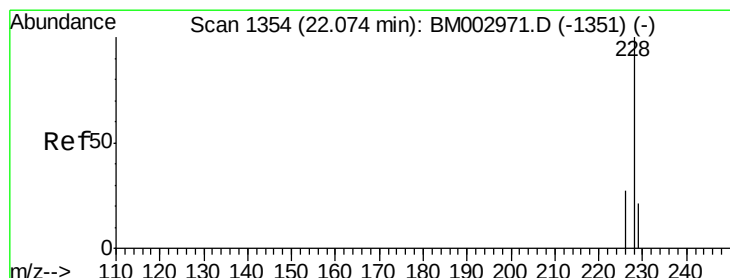
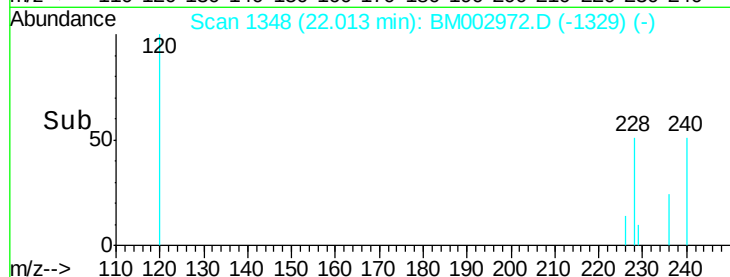
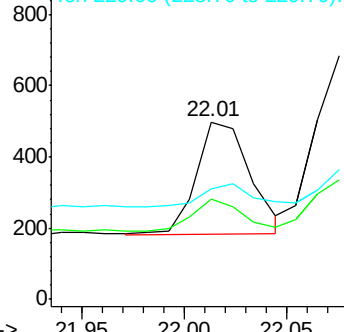
228 100

226 56.4 23.0 34.4#

229 62.7 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: 0.01 ng/ul

RT: 22.08 min Scan# 1354

Delta R.T. 0.00 min

Lab File: BM002972.D

Acq: 22 Oct 2015 11:32

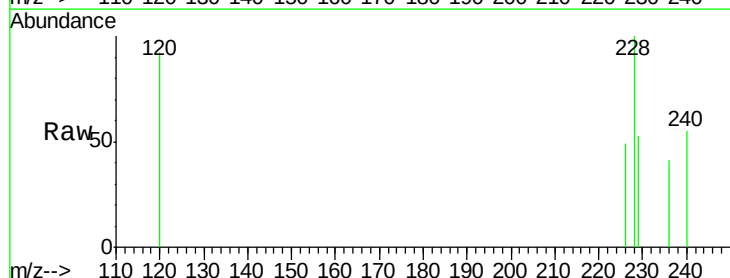
Tgt Ion:228 Resp: 906

Ion Ratio Lower Upper

228 100

226 49.1 25.7 38.5#

229 53.2 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

