

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM102215\
 Data File : BM002963.D
 Acq On : 22 Oct 2015 00:37
 Operator : UM/IZ
 Sample : G4075-08
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JG9K8

Quant Time: Oct 22 12:05:10 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 : Wed Oct 21 16:23:48 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.64	152	6311	0.40	ng/ul	-0.02
4) Naphthalene-d8	11.49	136	28269	0.40	ng/ul	-0.01
8) Acenaphthene-d10	15.23	164	15887	0.40	ng/ul	0.00
12) Phenanthrene-d10	18.03	188	1652915	0.40	ng/ul	0.08
18) Chrysene-d12	22.03	240	33235	0.40	ng/ul	-0.01
22) Perylene-d12	24.60	264	26381	0.40	ng/ul	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
2) 1,4-Dioxane-d8	3.71	96	19879	2.95	ng/uL	0.00
6) 2-Methylnaphthalene-d10	13.04	152	9922	0.21	ng/ul	-0.01
16) Fluoranthene-d10	19.93	212	21203	0.00	ng/ul	0.00

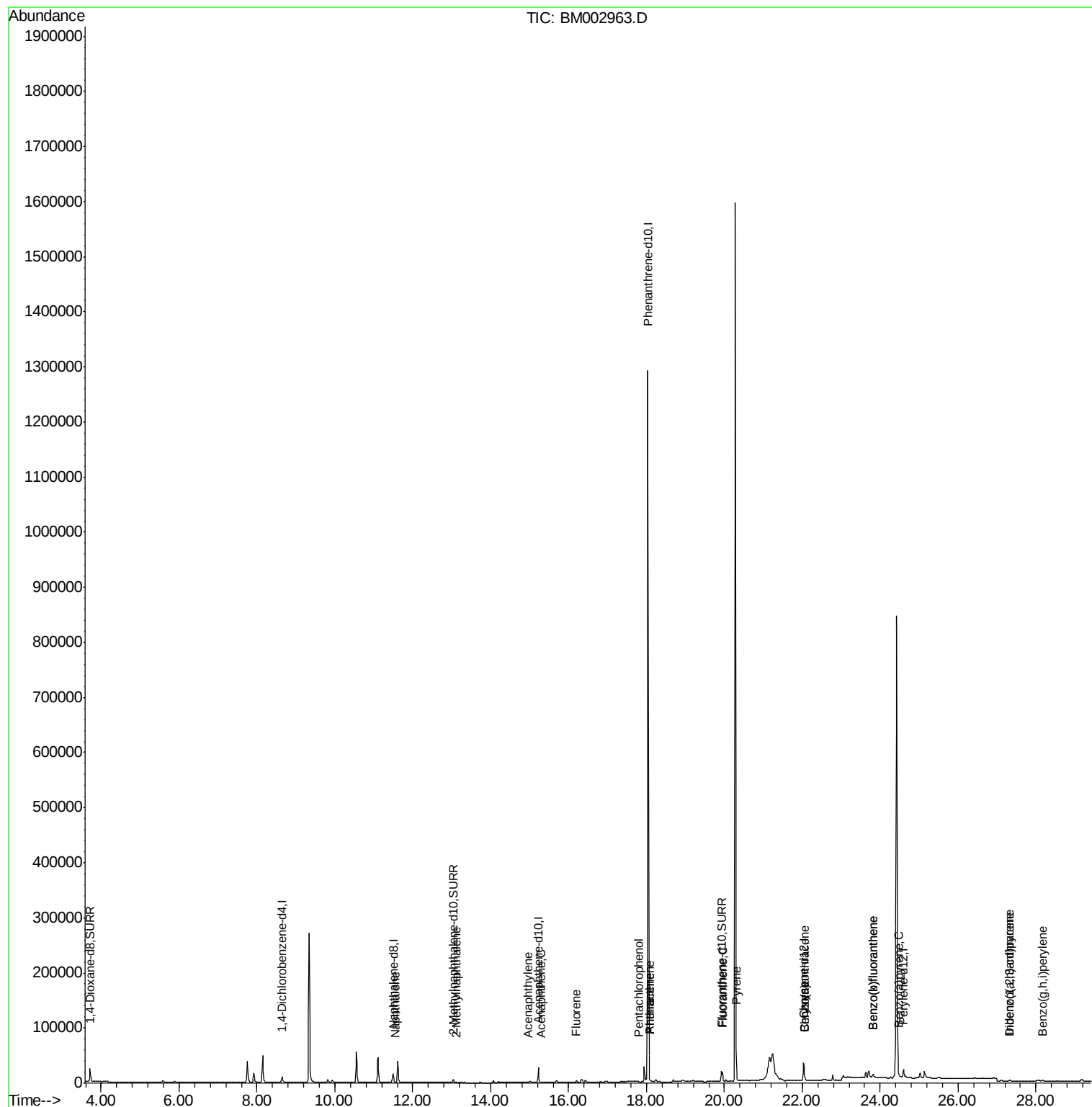
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Naphthalene	11.54	128	798	0.01	ng/ul#	56
7) 2-Methylnaphthalene	13.11	142	827	0.02	ng/ul#	65
9) Acenaphthylene	14.96	152	844	0.01	ng/ul#	60
10) Acenaphthene	15.30	153	131	0.00	ng/ul#	52
11) Fluorene	16.20	166	3159	0.05	ng/ul#	13
13) Pentachlorophenol	17.80	266	26	0.00	ng/ul#	16
14) Phenanthrene	18.08	178	1042	0.00	ng/ul#	34
15) Anthracene	18.08	178	1023	0.00	ng/ul#	33
17) Fluoranthene	19.95	202	16498	0.00	ng/ul	89
19) Pyrene	20.30	202	16636	0.14	ng/ul#	90
20) Benzo(a)anthracene	22.07	228	12056	0.11	ng/ul#	77
21) Chrysene	22.07	228	12056	0.11	ng/ul#	82
23) Benzo(b)fluoranthene	23.81	252	14265	0.15	ng/ul#	1
24) Benzo(k)fluoranthene	23.81	252	14260	0.16	ng/ul#	1
25) Benzo(a)pyrene	24.47	252	2512	0.03	ng/ul#	1
26) Indeno(1,2,3-cd)pyrene	27.33	276	3645	0.04	ng/ul#	55
27) Dibenzo(a,h)anthracene	27.31	278	814	0.01	ng/ul#	1
28) Benzo(g,h,i)perylene	28.17	276	5097	0.06	ng/ul#	30

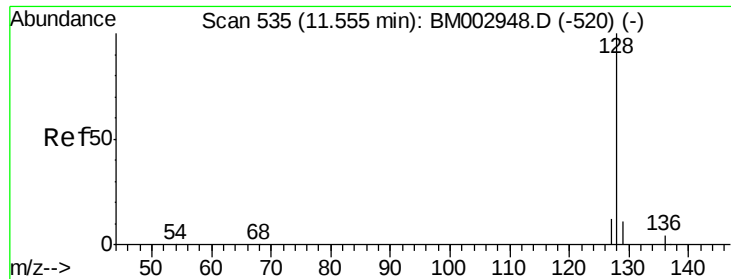
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM102215\
Data File : BM002963.D
Acq On : 22 Oct 2015 00:37
Operator : UM/IZ
Sample : G4075-08
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JG9K8

Quant Time: Oct 22 12:05:10 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 : Wed Oct 21 16:23:48 2015
Response via : Initial Calibration





#5

Naphthalene

Concen: 0.01 ng/ul

RT: 11.54 min Scan# 534

Delta R.T. -0.01 min

Lab File: BM002963.D

Acq: 22 Oct 2015 00:37

Instrument :

BNA_M

ClientSampleId :

JG9K8

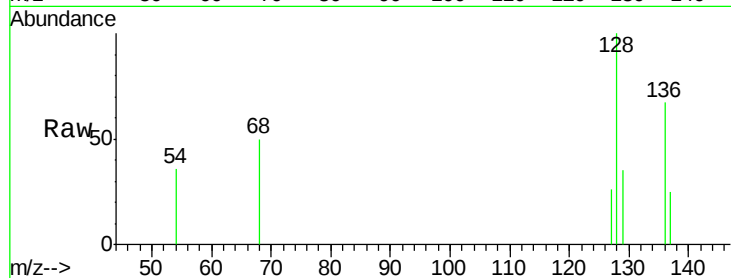
Tgt Ion:128 Resp: 798

Ion Ratio Lower Upper

128 100

129 34.7 9.8 14.8#

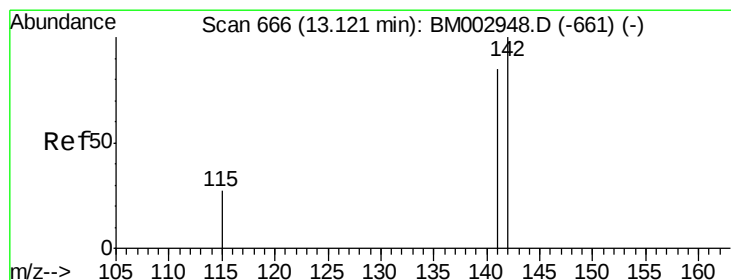
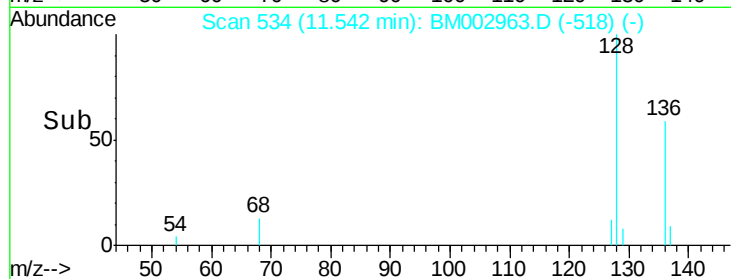
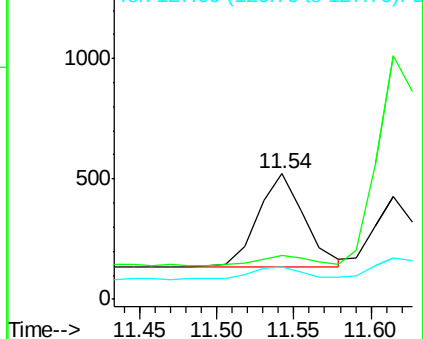
127 26.1 10.7 16.1#



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: 0.02 ng/ul

RT: 13.11 min Scan# 665

Delta R.T. -0.01 min

Lab File: BM002963.D

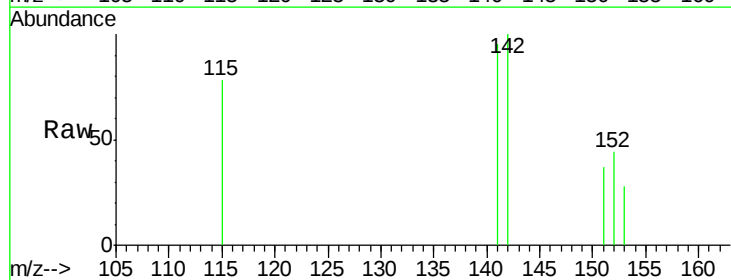
Acq: 22 Oct 2015 00:37

Tgt Ion:142 Resp: 827

Ion Ratio Lower Upper

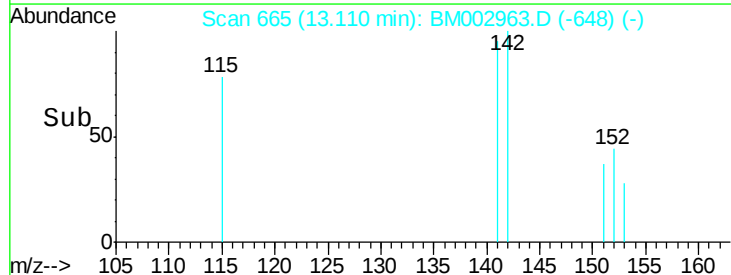
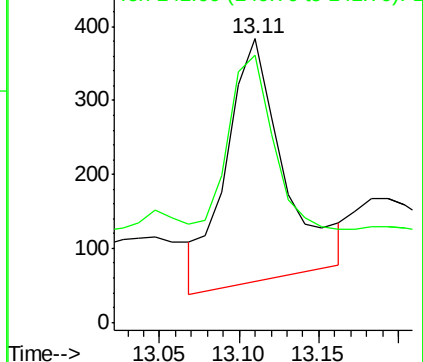
142 100

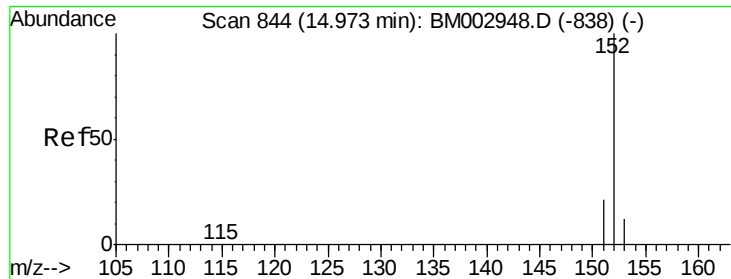
141 120.6 70.3 105.5#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#9

Acenaphthylene

Concen: 0.01 ng/ul

RT: 14.96 min Scan# 843

Delta R.T. -0.01 min

Lab File: BM002963.D

Acq: 22 Oct 2015 00:37

Instrument :

BNA_M

ClientSampleId :

JG9K8

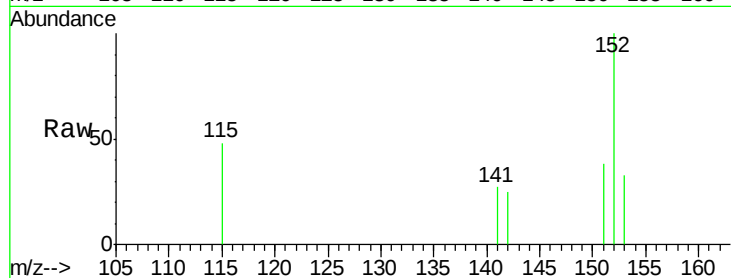
Tgt Ion:152 Resp: 844

Ion Ratio Lower Upper

152 100

151 37.6 16.8 25.2#

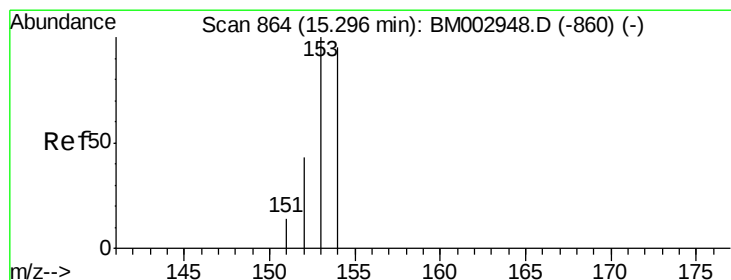
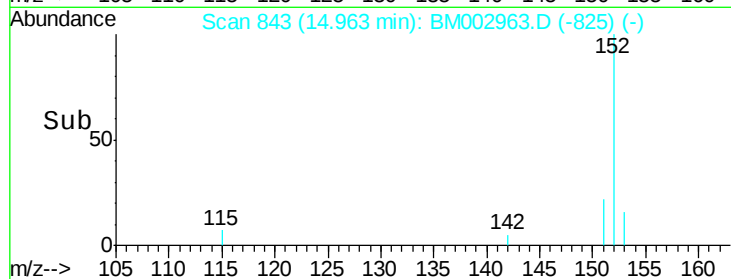
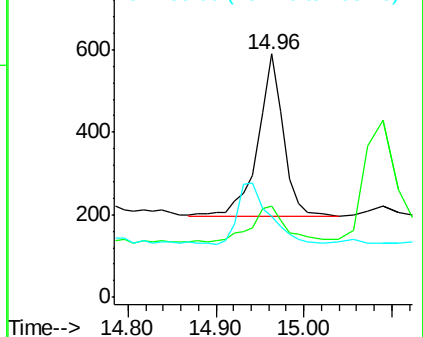
153 33.4 11.3 16.9#



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: 15.30 min Scan# 864

Delta R.T. -0.00 min

Lab File: BM002963.D

Acq: 22 Oct 2015 00:37

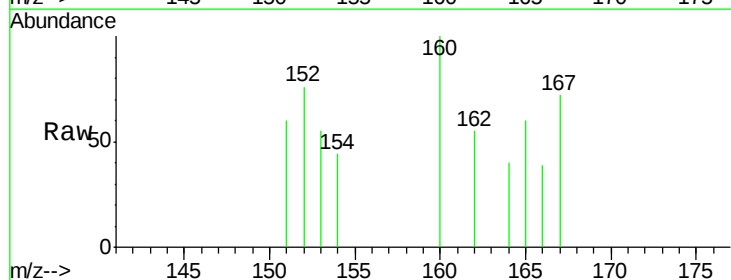
Tgt Ion:153 Resp: 131

Ion Ratio Lower Upper

153 100

152 137.6 42.3 63.5#

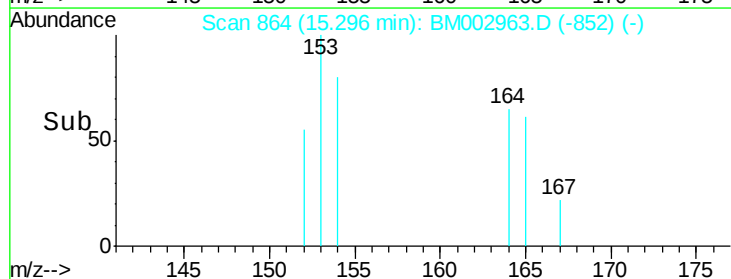
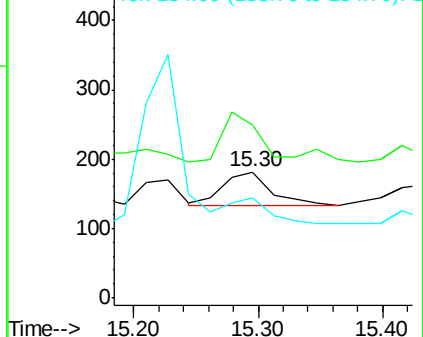
154 80.1 64.7 97.1

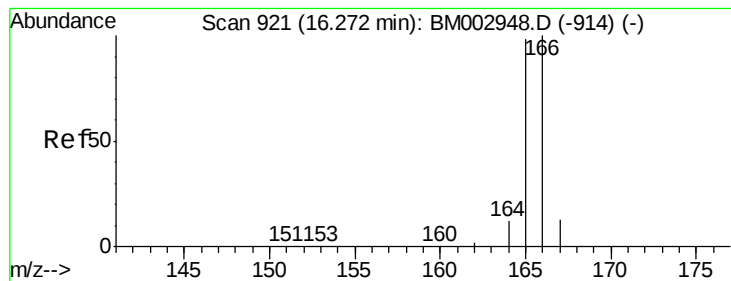


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#11

Fluorene

Concen: 0.05 ng/ul

RT: 16.20 min Scan# 917

Delta R.T. -0.07 min

Lab File: BM002963.D

Acq: 22 Oct 2015 00:37

Instrument :

BNA_M

ClientSampleId :

JG9K8

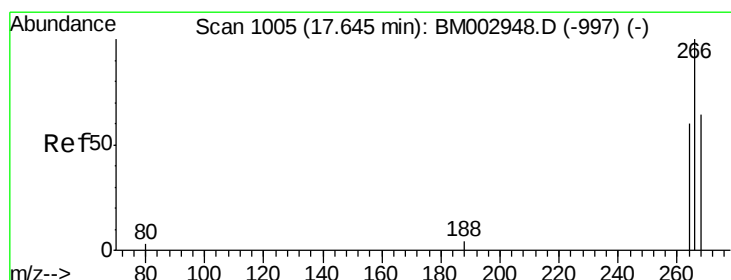
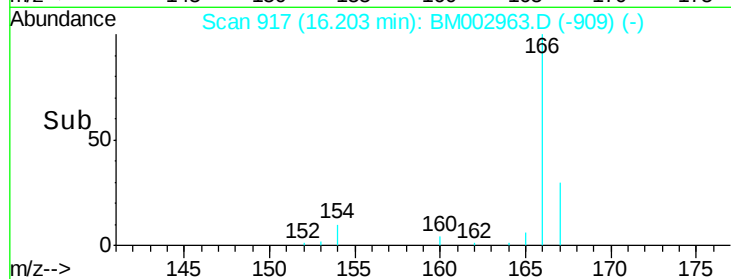
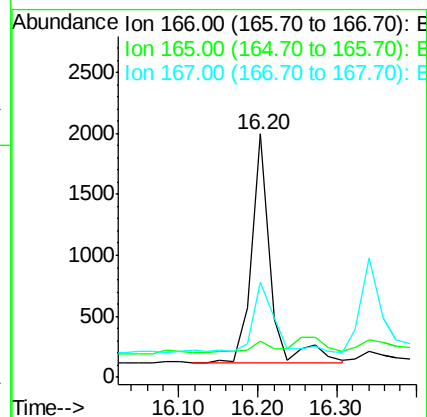
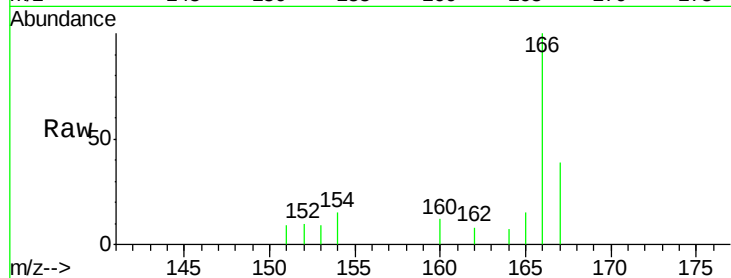
Tgt Ion:166 Resp: 3159

Ion Ratio Lower Upper

166 100

165 15.1 87.6 131.4#

167 39.1 11.1 16.7#



#13

Pentachlorophenol

Concen: 0.00 ng/ul

RT: 17.80 min Scan# 1015

Delta R.T. 0.15 min

Lab File: BM002963.D

Acq: 22 Oct 2015 00:37

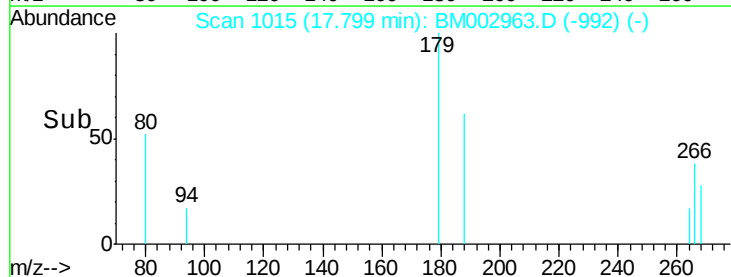
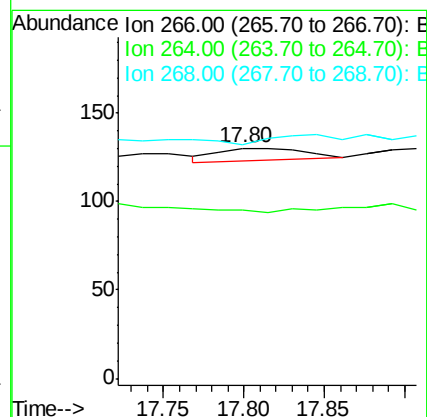
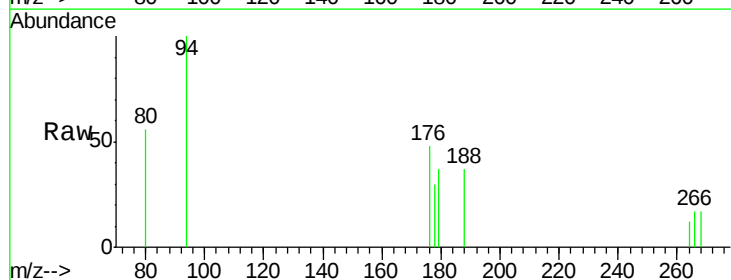
Tgt Ion:266 Resp: 26

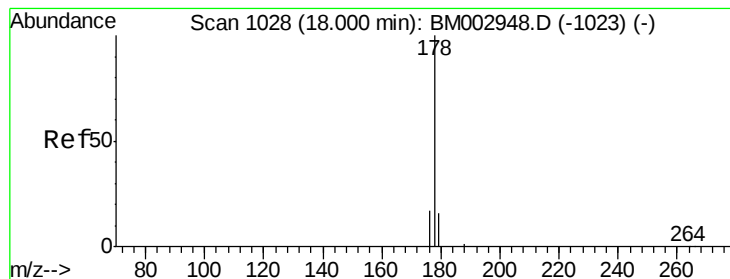
Ion Ratio Lower Upper

266 100

264 0.0 53.5 80.3#

268 0.0 54.2 81.2#





#14

Phenanthrene

Concen: 0.00 ng/ul

RT: 18.08 min Scan# 1033

Delta R.T. 0.08 min

Lab File: BM002963.D

Acq: 22 Oct 2015 00:37

Instrument :

BNA_M

ClientSampleId :

JG9K8

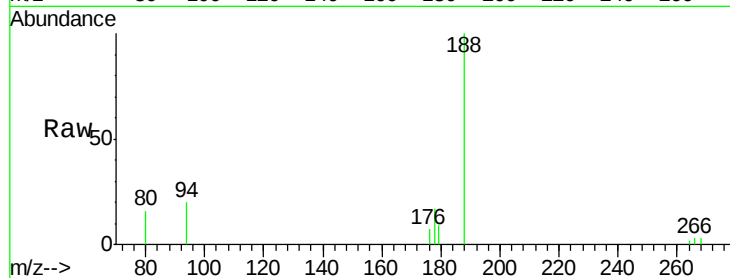
Tgt Ion:178 Resp: 1042

Ion Ratio Lower Upper

178 100

176 40.9 16.2 24.4#

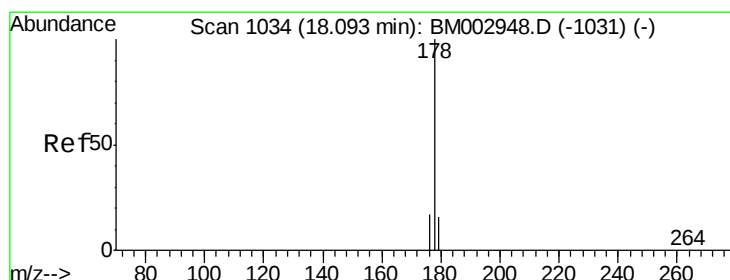
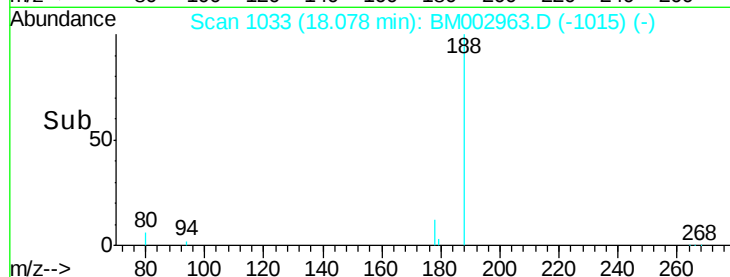
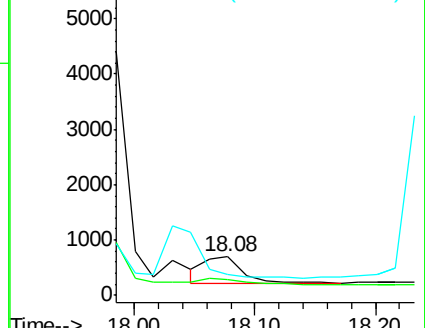
179 55.8 12.8 19.2#



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: 18.08 min Scan# 1033

Delta R.T. -0.02 min

Lab File: BM002963.D

Acq: 22 Oct 2015 00:37

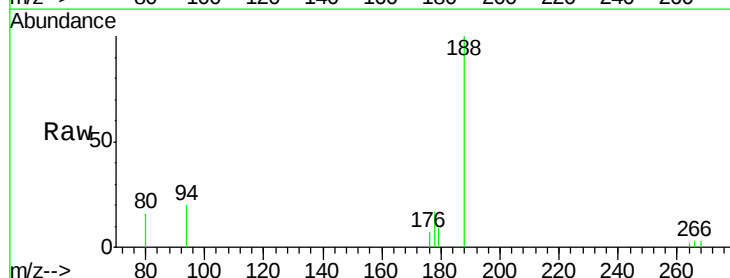
Tgt Ion:178 Resp: 1023

Ion Ratio Lower Upper

178 100

176 40.9 15.8 23.8#

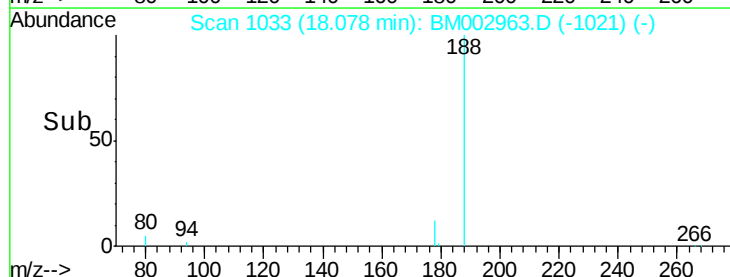
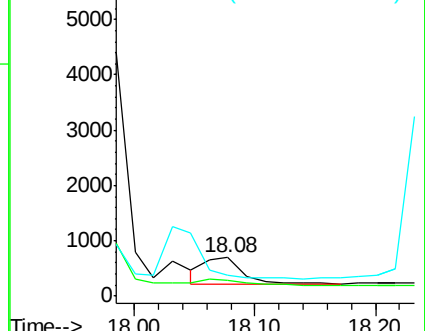
179 55.8 13.3 19.9#

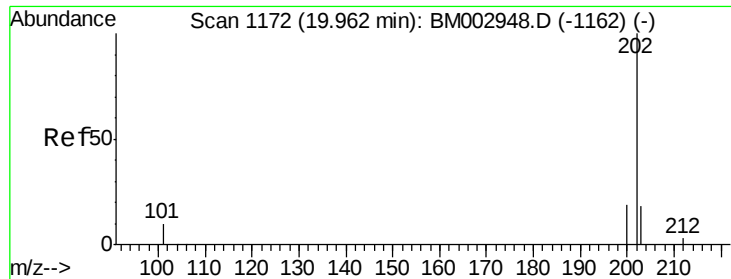


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

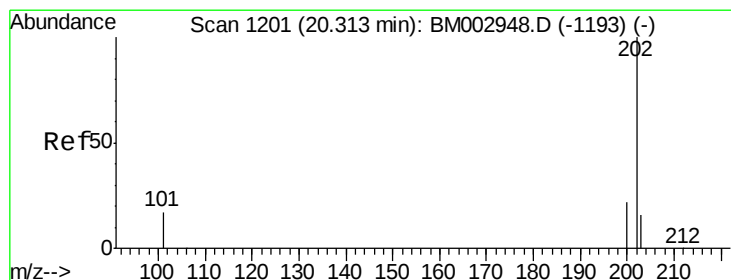
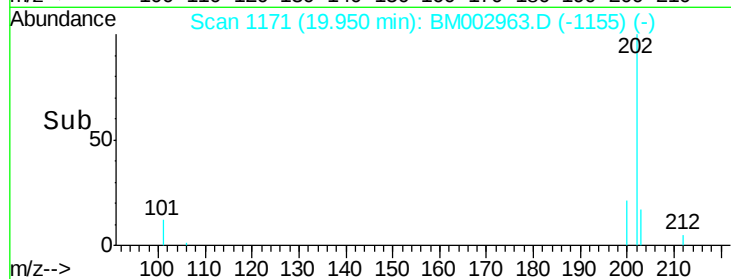
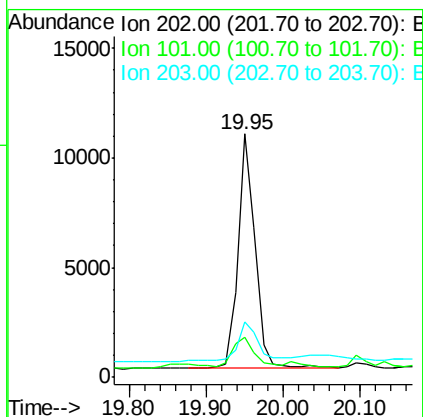
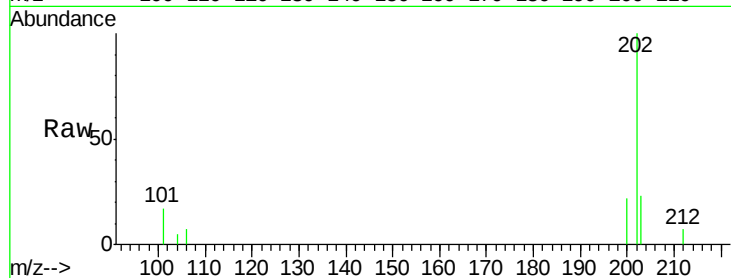




#17
Fluoranthene
 Concen: 0.00 ng/ul
 RT: 19.95 min Scan# 1171
 Delta R.T. -0.01 min
 Lab File: BM002963.D
 Acq: 22 Oct 2015 00:37

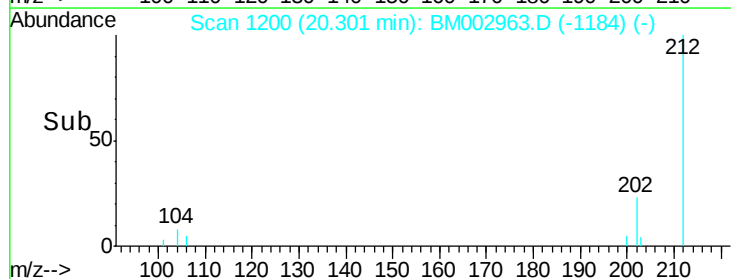
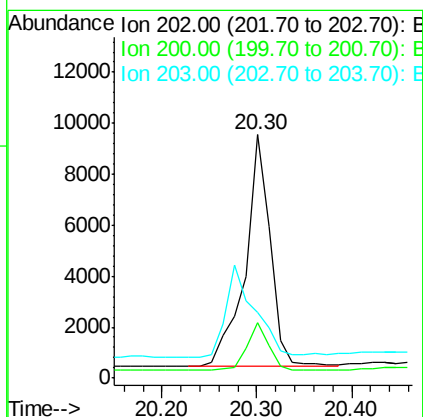
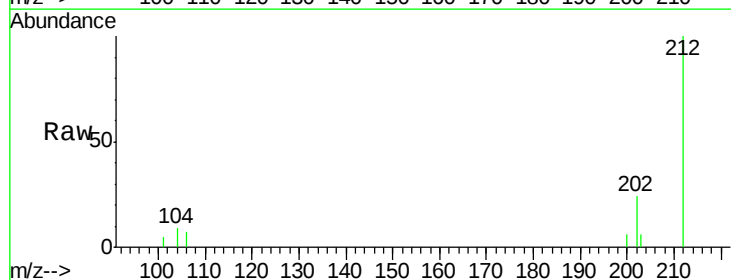
Instrument :
 BNA_M
 ClientSampleId :
 JG9K8

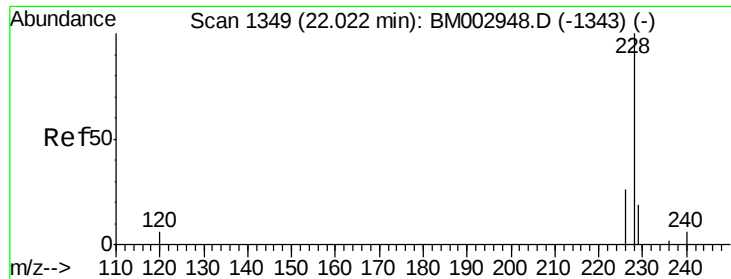
Tgt Ion:202 Resp: 16498
 Ion Ratio Lower Upper
 202 100
 101 16.7 0.0 33.1
 203 22.9 0.0 37.2



#19
Pyrene
 Concen: 0.14 ng/ul
 RT: 20.30 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BM002963.D
 Acq: 22 Oct 2015 00:37

Tgt Ion:202 Resp: 16636
 Ion Ratio Lower Upper
 202 100
 200 22.9 18.0 27.0
 203 26.8 13.8 20.6#





#20

Benzo(a)anthracene

Concen: 0.11 ng/ul

RT: 22.07 min Scan# 1354

Delta R.T. 0.05 min

Lab File: BM002963.D

Acq: 22 Oct 2015 00:37

Instrument :

BNA_M

ClientSampleId :

JG9K8

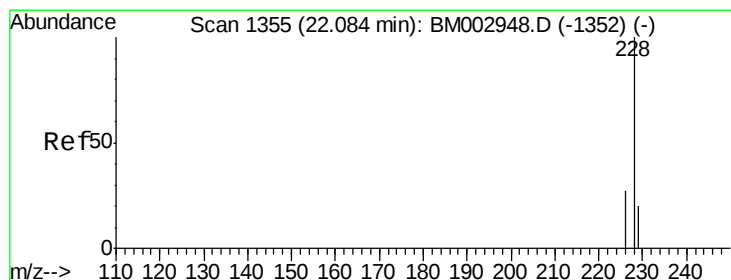
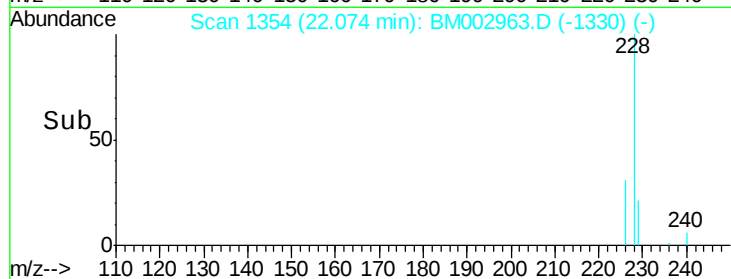
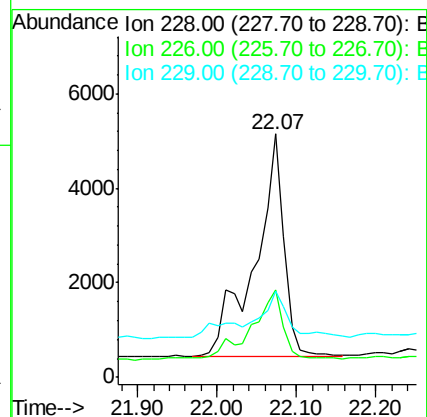
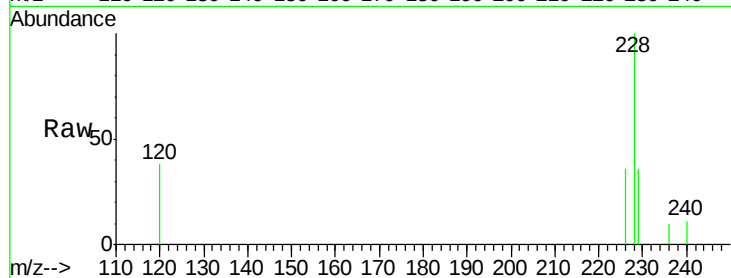
Tgt Ion:228 Resp: 12056

Ion Ratio Lower Upper

228 100

226 36.1 23.0 34.4#

229 35.6 15.2 22.8#



#21

Chrysene

Concen: 0.11 ng/ul

RT: 22.07 min Scan# 1354

Delta R.T. -0.01 min

Lab File: BM002963.D

Acq: 22 Oct 2015 00:37

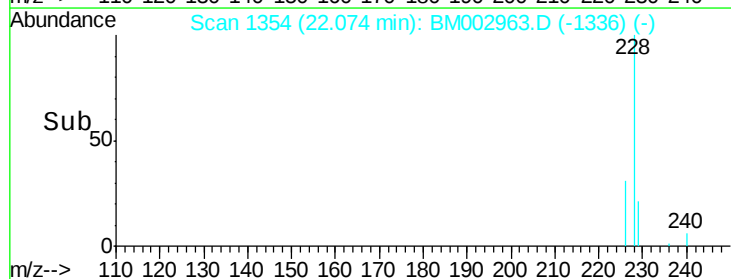
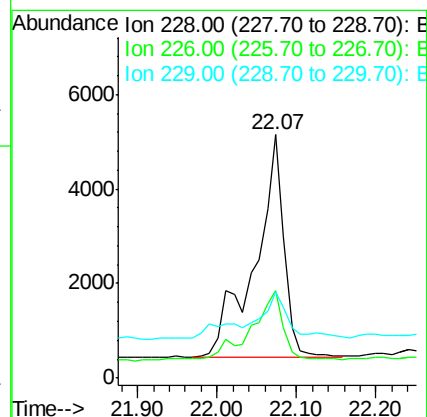
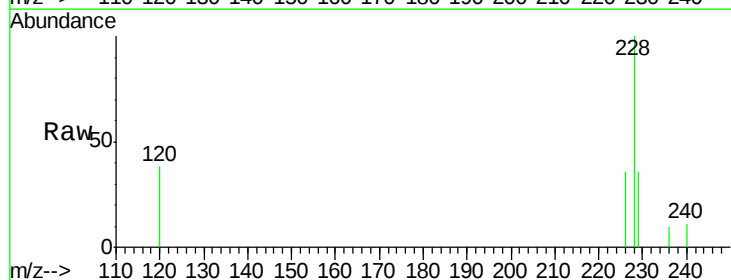
Tgt Ion:228 Resp: 12056

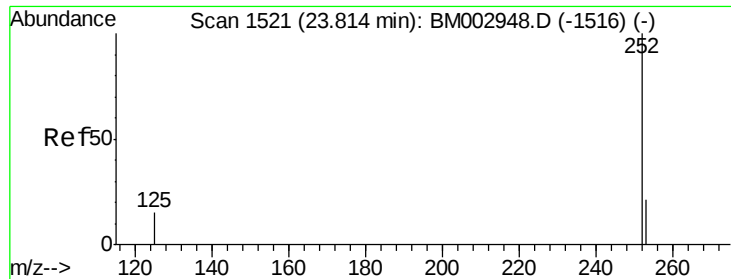
Ion Ratio Lower Upper

228 100

226 36.1 25.7 38.5

229 35.6 15.2 22.8#





#23

Benzo(b)fluoranthene

Concen: 0.15 ng/ul

RT: 23.81 min Scan# 1521

Delta R.T. -0.00 min

Lab File: BM002963.D

Acq: 22 Oct 2015 00:37

Instrument :

BNA_M

ClientSampleId :

JG9K8

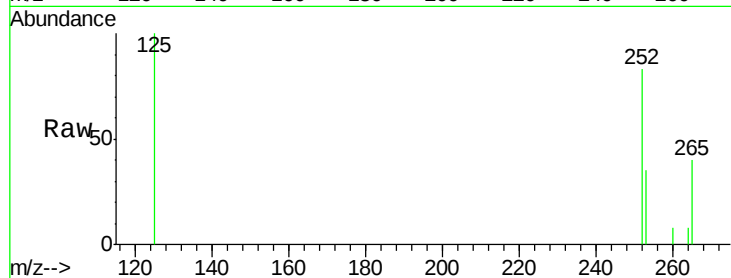
Tgt Ion:252 Resp: 14265

Ion Ratio Lower Upper

252 100

253 42.3 0.0 48.0

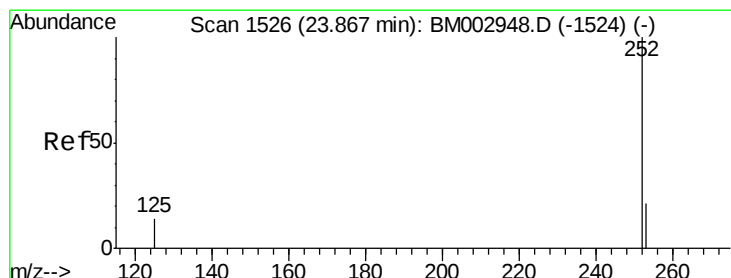
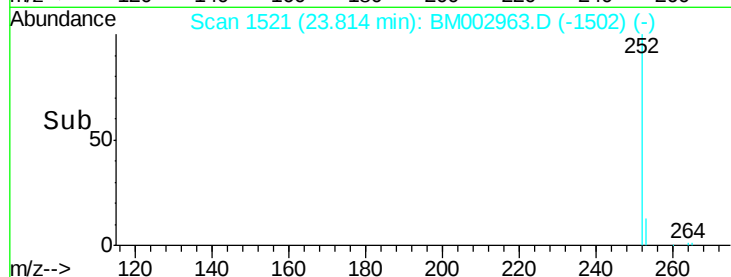
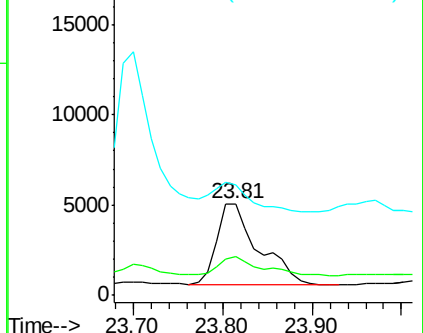
125 120.1 0.0 36.6#



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: 0.16 ng/ul

RT: 23.81 min Scan# 1521

Delta R.T. -0.05 min

Lab File: BM002963.D

Acq: 22 Oct 2015 00:37

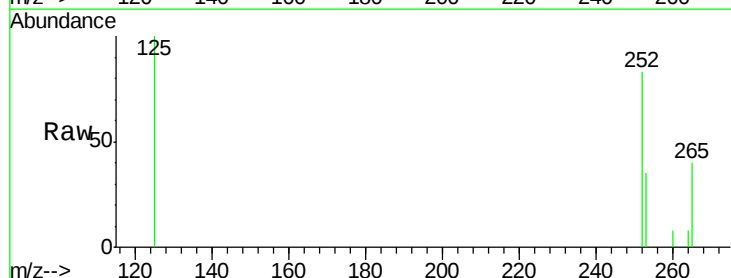
Tgt Ion:252 Resp: 14260

Ion Ratio Lower Upper

252 100

253 42.3 20.8 31.2#

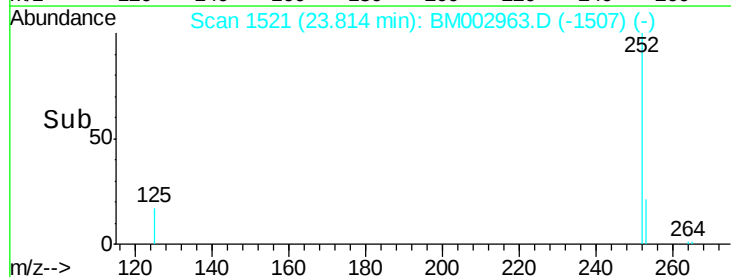
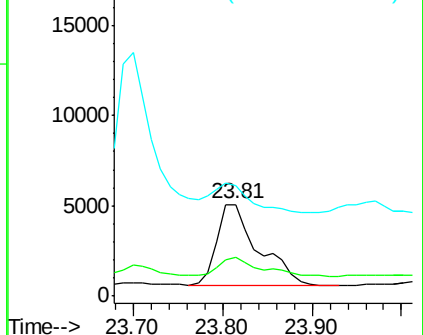
125 120.1 12.2 18.4#

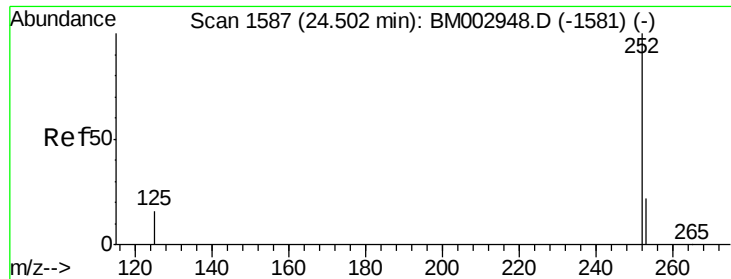


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#25

Benzo(a)pyrene

Concen: 0.03 ng/u1

RT: 24.47 min Scan# 1584

Delta R.T. -0.03 min

Lab File: BM002963.D

Acq: 22 Oct 2015 00:37

Instrument :

BNA_M

ClientSampleId :

JG9K8

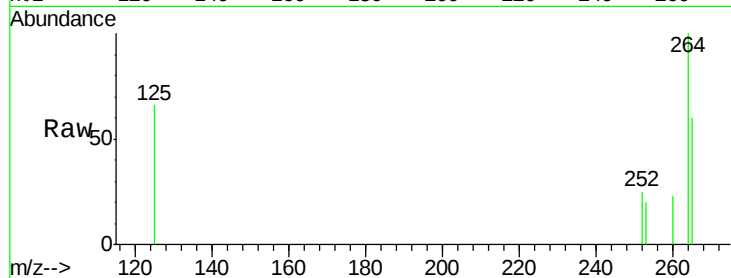
Tgt Ion:252 Resp: 2512

Ion Ratio Lower Upper

252 100

253 78.7 21.8 32.8#

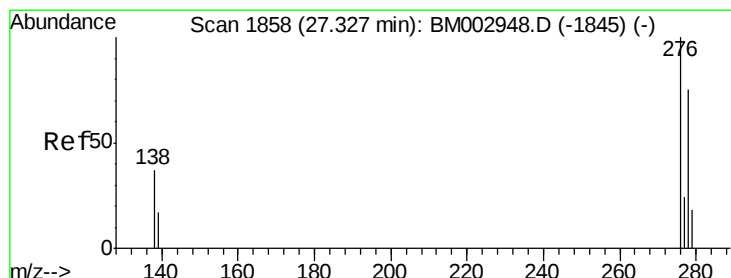
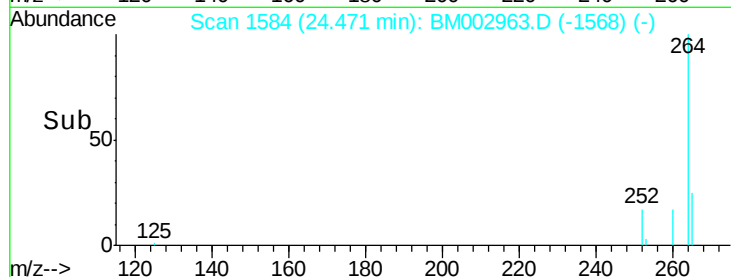
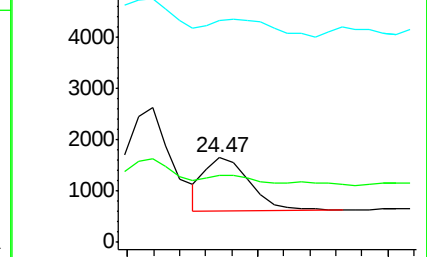
125 262.2 14.5 21.7#



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: 0.04 ng/u1

RT: 27.33 min Scan# 1858

Delta R.T. -0.00 min

Lab File: BM002963.D

Acq: 22 Oct 2015 00:37

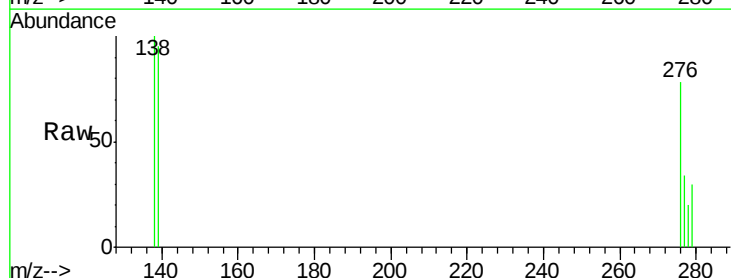
Tgt Ion:276 Resp: 3645

Ion Ratio Lower Upper

276 100

138 77.1 27.5 41.3#

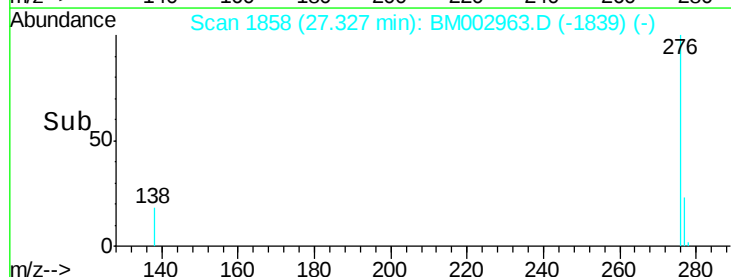
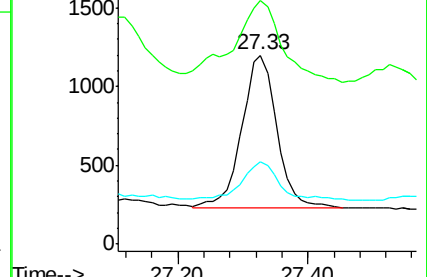
277 25.7 19.3 28.9

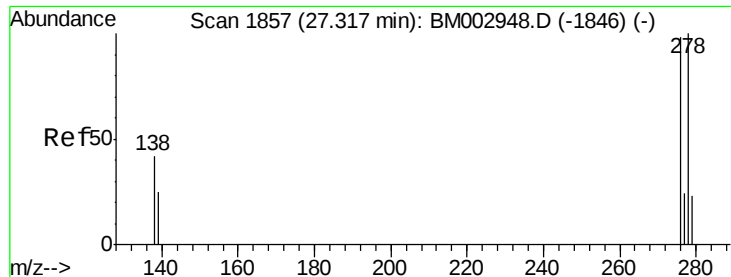


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#27

Dibenzo(a,h)anthracene

Concen: 0.01 ng/ul

RT: 27.31 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BM002963.D

Acq: 22 Oct 2015 00:37

Instrument :

BNA_M

ClientSampled :

JG9K8

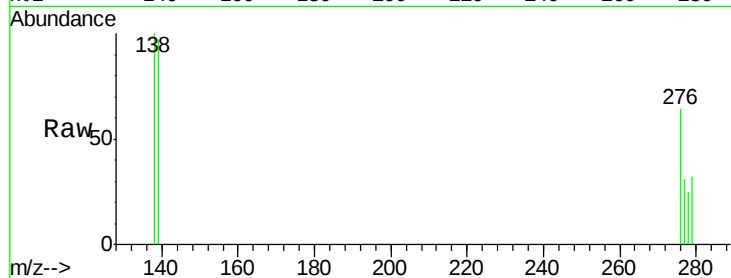
Tgt Ion: 278 Resp: 814

Ion Ratio Lower Upper

278 100

139 382.8 21.7 32.5#

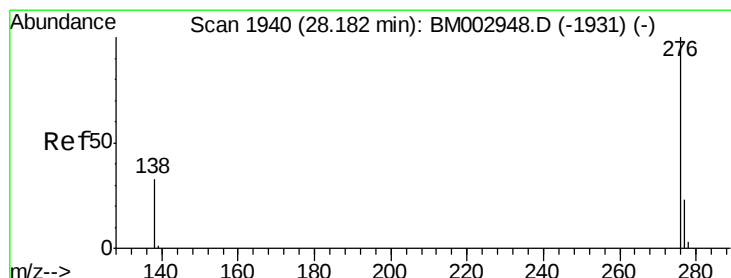
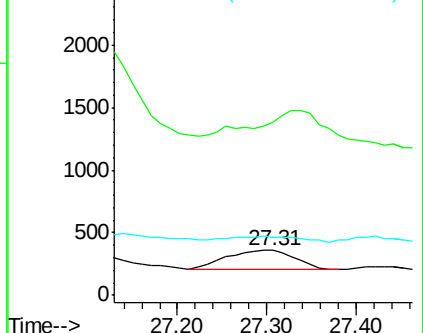
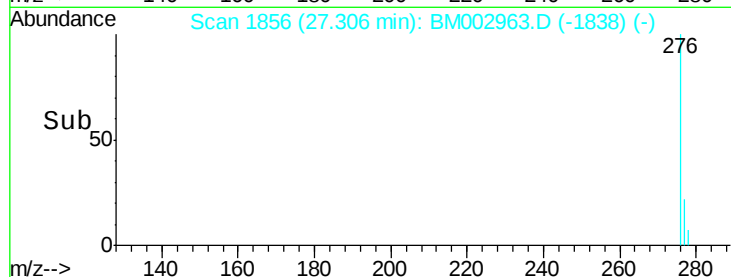
279 127.7 21.9 32.9#



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: 0.06 ng/ul

RT: 28.17 min Scan# 1939

Delta R.T. -0.01 min

Lab File: BM002963.D

Acq: 22 Oct 2015 00:37

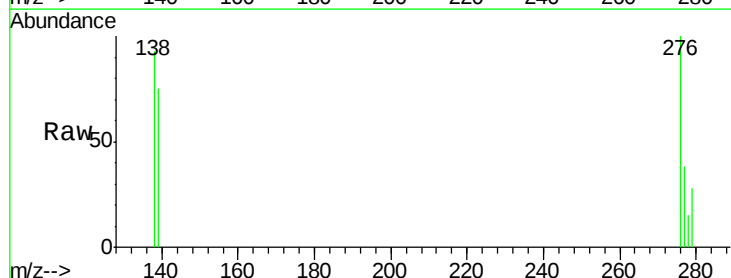
Tgt Ion: 276 Resp: 5097

Ion Ratio Lower Upper

276 100

277 37.7 21.3 31.9#

138 93.4 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

