

Data Path : Z:\HPCHEM1\BNA M\DATA\BM123115\
 Data File : BM003867.D
 Acq On : 30 Dec 2015 02:58
 Operator : SJ/UM
 Sample : G4848-16DL 5X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9N62DL

Quant Time: Dec 30 06:00:16 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM121515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 30 05:57:00 2015
 Response via : Initial Calibration

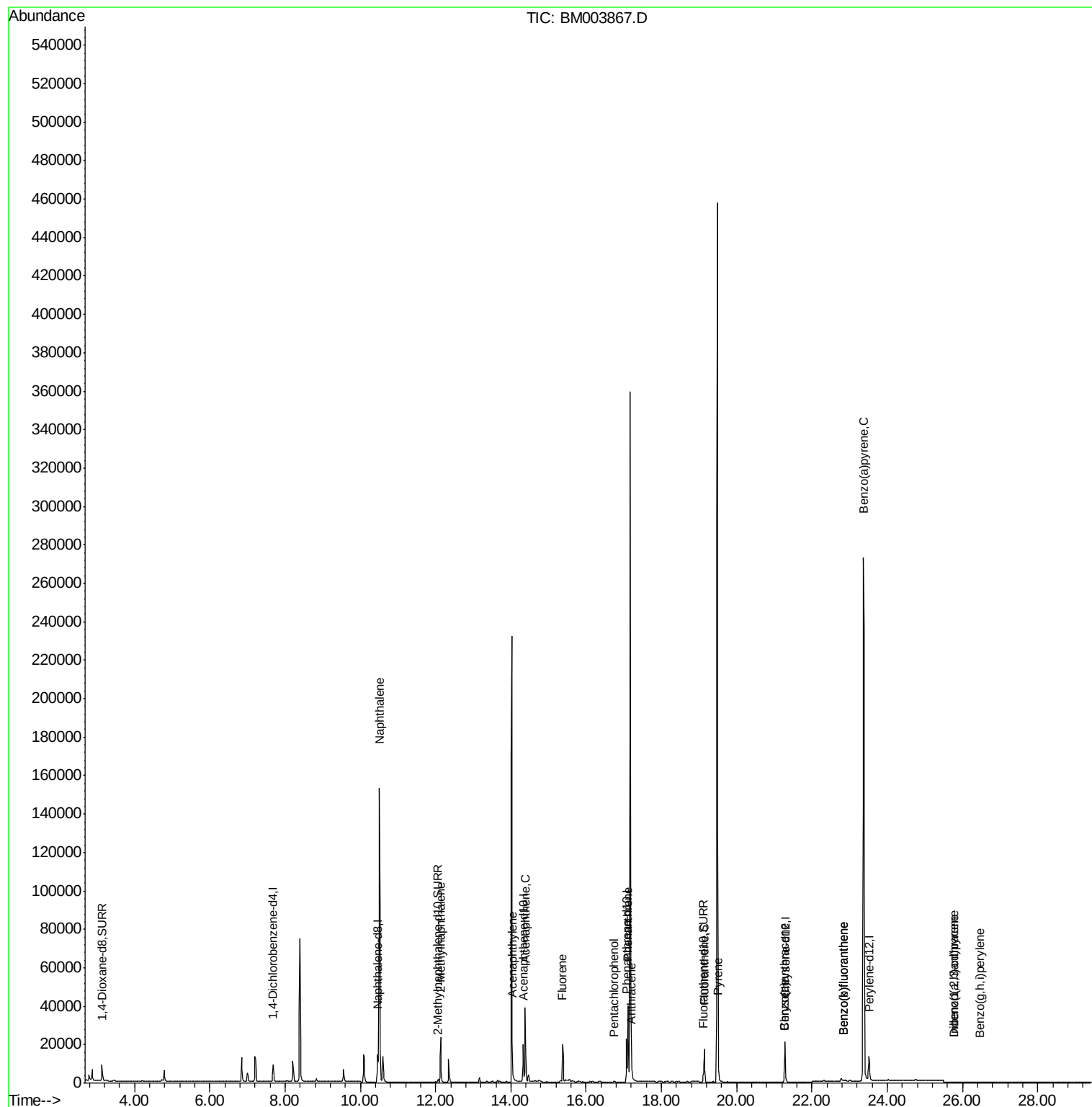
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	4769	0.40	ng/ul	0.00
4) Naphthalene-d8	10.46	136	20491	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.33	164	11655	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.07	188	26985	0.40	ng/ul	0.00
18) Chrysene-d12	21.28	240	21242	0.40	ng/ul	0.00
22) Perylene-d12	23.51	264	18166	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.14	96	6387	3.13	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.06	152	2400	0.10	ng/ul	0.00
16) Fluoranthene-d10	19.12	212	5769	0.10	ng/ul	0.00
Target Compounds				Ovalue		
5) Naphthalene	10.51	128	209905	4.55	ng/ul	98
7) 2-Methylnaphthalene	12.13	142	18023	0.58	ng/ul	99
9) Acenaphthylene	14.04	152	2302	0.05	ng/ul#	95
10) Acenaphthene	14.38	153	23061	0.64	ng/ul	83
11) Fluorene	15.38	166	16194	0.41	ng/ul#	77
13) Pentachlorophenol	16.75	266	272	0.07	ng/ul	95
14) Phenanthrene	17.11	178	50318	0.72	ng/ul#	89
15) Anthracene	17.21	178	3656	0.06	ng/ul#	91
17) Fluoranthene	19.14	202	16400	0.22	ng/ul	97
19) Pyrene	19.51	202	12681	0.22	ng/ul	97
20) Benzo(a)anthracene	21.26	228	1513	0.03	ng/ul#	90
21) Chrysene	21.26	228	1512	0.03	ng/ul	93
23) Benzo(b)fluoranthene	22.85	252	1183	0.02	ng/ul#	7
24) Benzo(k)fluoranthene	22.85	252	1183	0.02	ng/ul#	9
25) Benzo(a)pyrene	23.37	252	2030	0.04	ng/ul#	1
26) Indeno(1,2,3-cd)pyrene	25.78	276	286	0.00	ng/ul#	88
27) Dibenzo(a,h)anthracene	25.79	278	220	0.00	ng/ul#	1
28) Benzo(a,h,i)perylene	26.46	276	245	0.00	ng/ul#	1

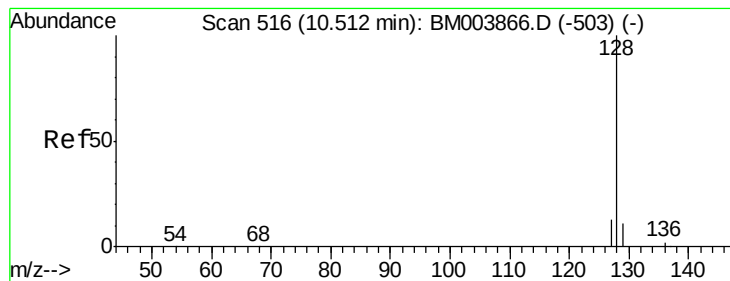
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 4.55 ng/ul

RT: 10.51 min Scan# 516

Delta R.T. -0.00 min

Lab File: BM003867.D

Acq: 30 Dec 2015 02:58

Instrument :

BNA_M

ClientSampleId :

D9N62DL

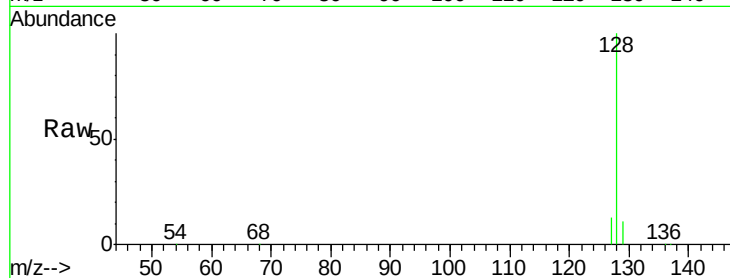
Tot Ion:128 Resp: 209905

Ion Ratio Lower Upper

128 100

129 10.7 9.0 13.6

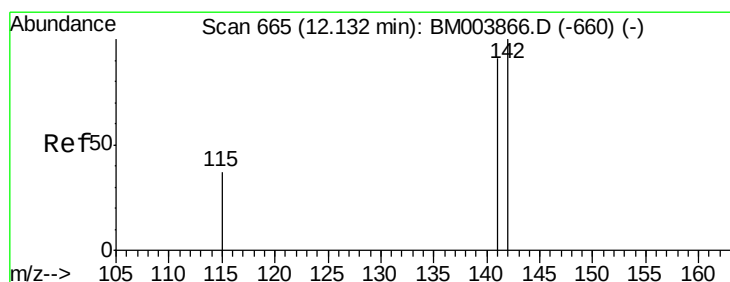
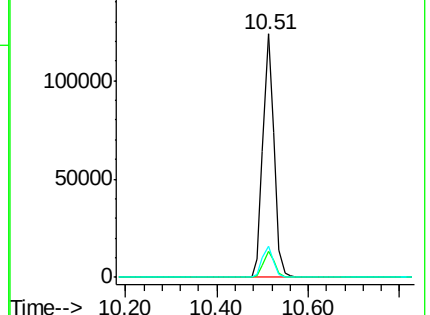
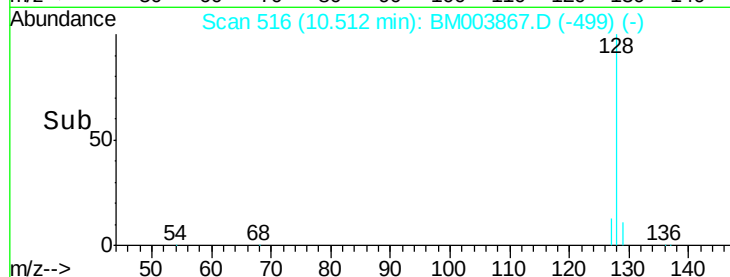
127 12.7 9.6 14.4



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: 0.58 ng/ul

RT: 12.13 min Scan# 665

Delta R.T. -0.00 min

Lab File: BM003867.D

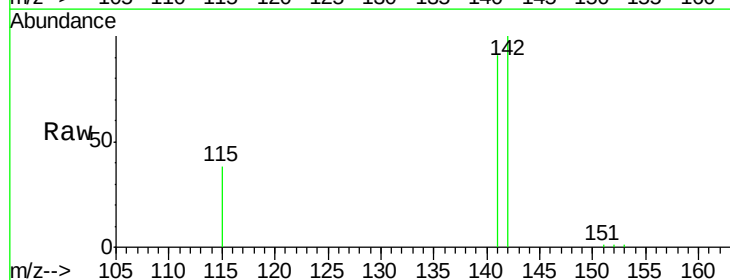
Acq: 30 Dec 2015 02:58

Tgt Ion:142 Resp: 18023

Ion Ratio Lower Upper

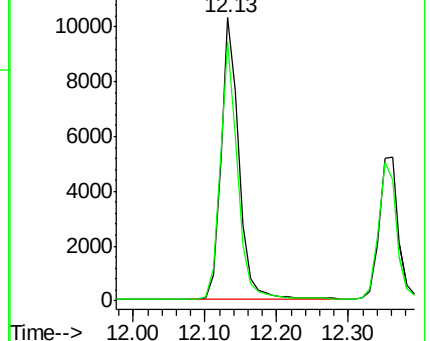
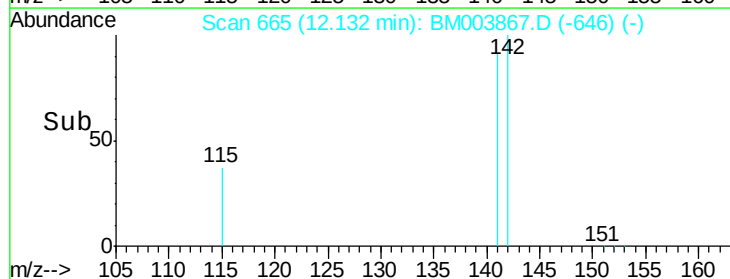
142 100

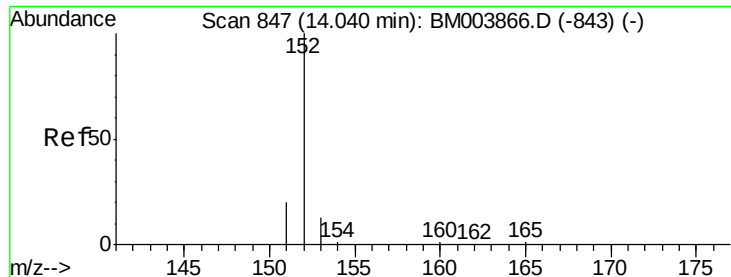
141 89.2 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#9

Acenaphthylene

Concen: 0.05 ng/ul

RT: 14.04 min Scan# 847

Delta R.T. -0.00 min

Lab File: BM003867.D

Acq: 30 Dec 2015 02:58

Instrument :

BNA_M

ClientSampleId :

D9N62DL

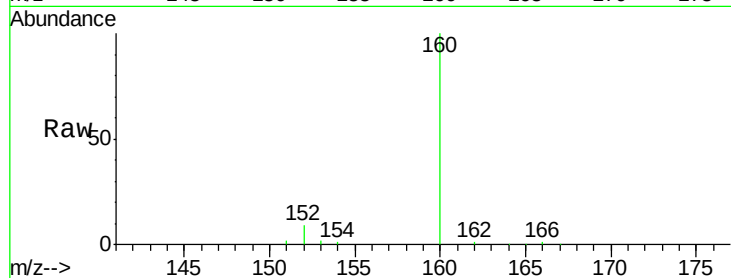
Tot Ion:152 Resp: 2302

Ion Ratio Lower Upper

152 100

151 22.2 17.6 26.4

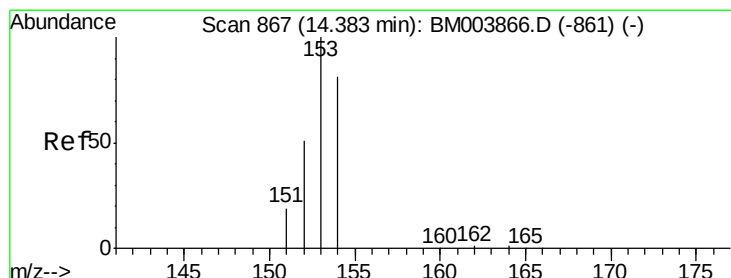
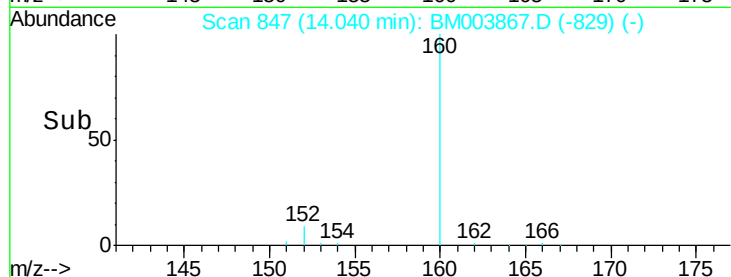
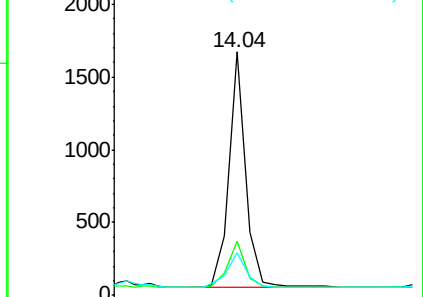
153 17.3 9.7 14.5#



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: 0.64 ng/ul

RT: 14.38 min Scan# 867

Delta R.T. -0.00 min

Lab File: BM003867.D

Acq: 30 Dec 2015 02:58

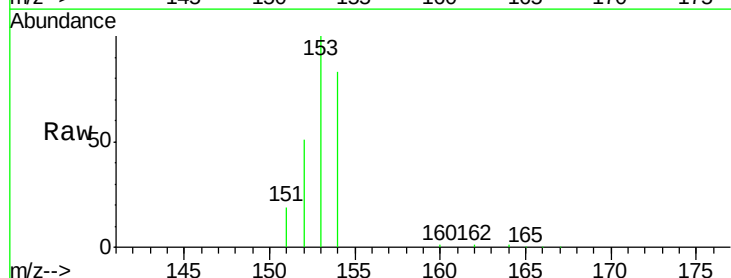
Tgt Ion:153 Resp: 23061

Ion Ratio Lower Upper

153 100

152 50.5 33.9 50.9

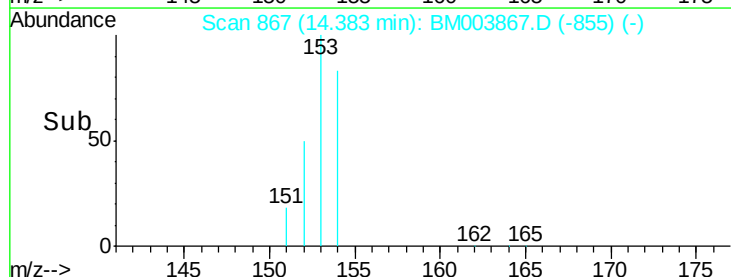
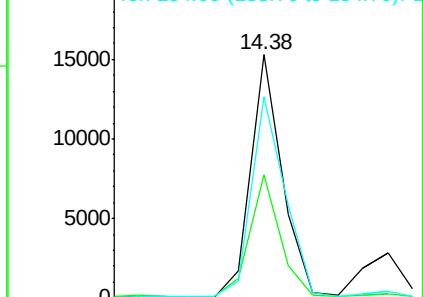
154 82.6 80.6 121.0

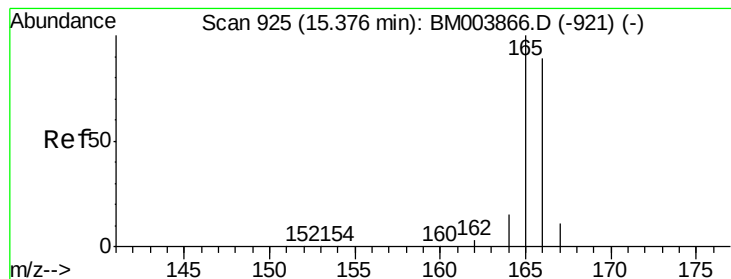


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#11

Fluorene

Concen: 0.41 ng/ul

RT: 15.38 min Scan# 925

Delta R.T. -0.00 min

Lab File: BM003867.D

Acq: 30 Dec 2015 02:58

Instrument :

BNA_M

ClientSampleId :

D9N62DL

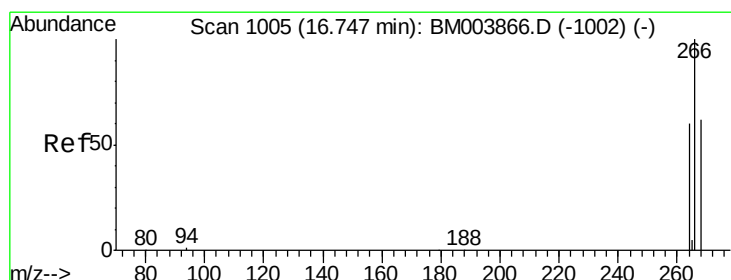
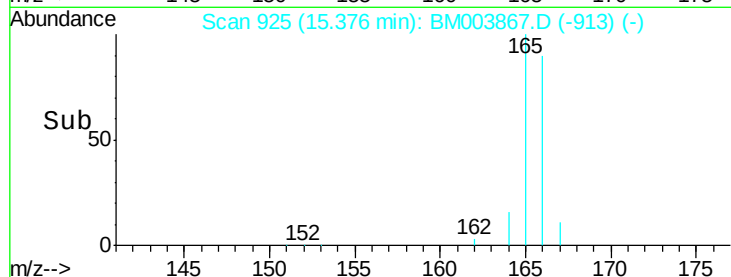
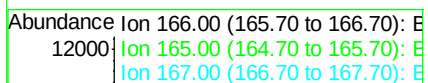
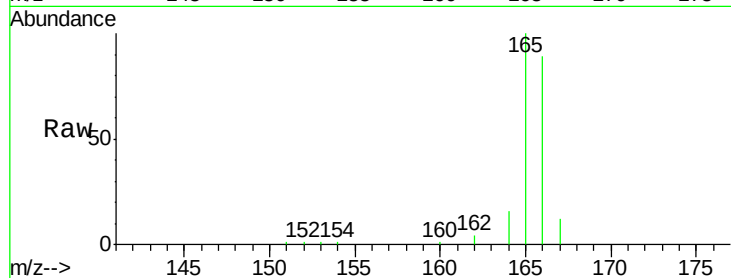
Tot Ion:166 Resp: 16194

Ion Ratio Lower Upper

166 100

165 111.8 69.6 104.4#

167 13.5 11.9 17.9



#13

Pentachlorophenol

Concen: 0.07 ng/ul

RT: 16.75 min Scan# 1005

Delta R.T. -0.00 min

Lab File: BM003867.D

Acq: 30 Dec 2015 02:58

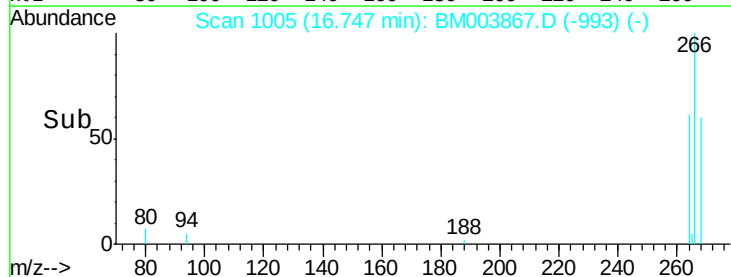
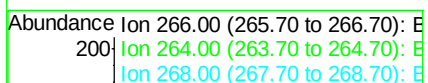
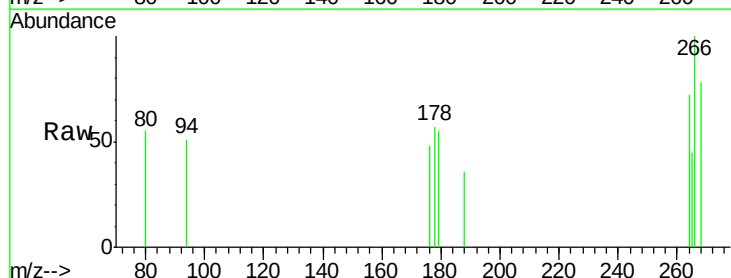
Tgt Ion:266 Resp: 272

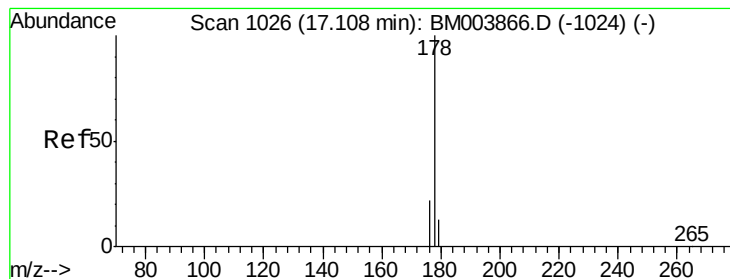
Ion Ratio Lower Upper

266 100

264 65.4 51.8 77.8

268 65.1 46.8 70.2





#14

Phenanthrene

Concen: 0.72 ng/ul

RT: 17.11 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BM003867.D

Acq: 30 Dec 2015 02:58

Instrument :

BNA_M

ClientSampleId :

D9N62DL

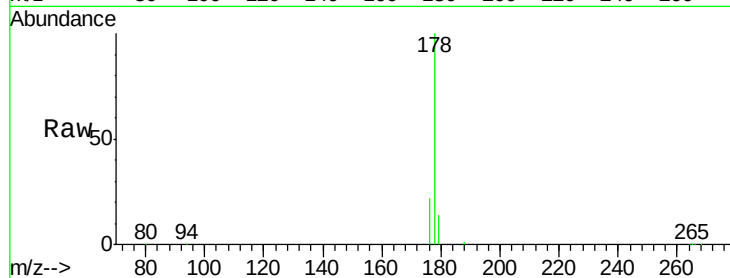
Tot Ion:178 Resp: 50318

Ion Ratio Lower Upper

178 100

176 21.5 13.0 19.4#

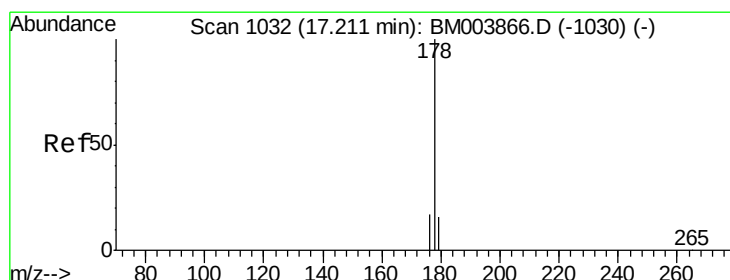
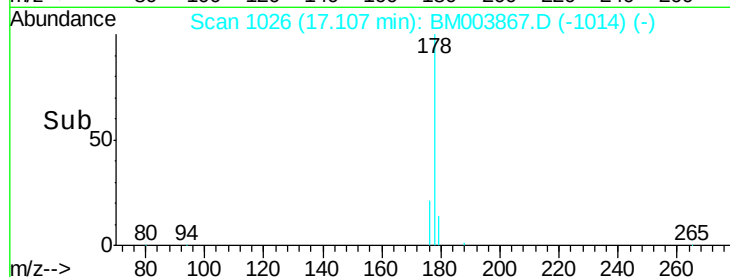
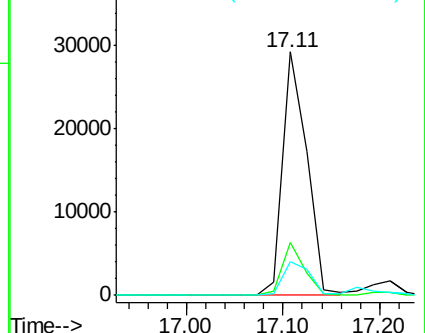
179 13.9 14.2 21.2#



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: 0.06 ng/ul

RT: 17.21 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BM003867.D

Acq: 30 Dec 2015 02:58

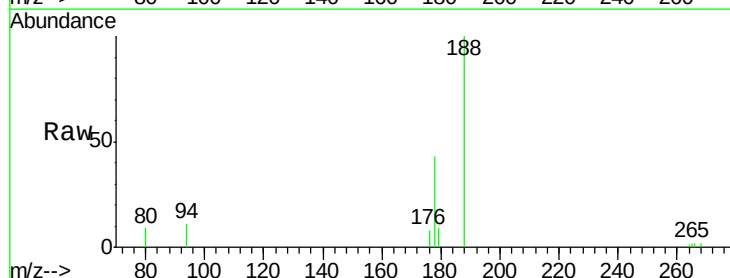
Tgt Ion:178 Resp: 3656

Ion Ratio Lower Upper

178 100

176 19.3 14.0 21.0

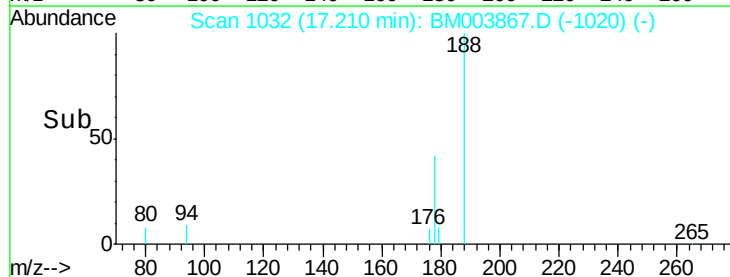
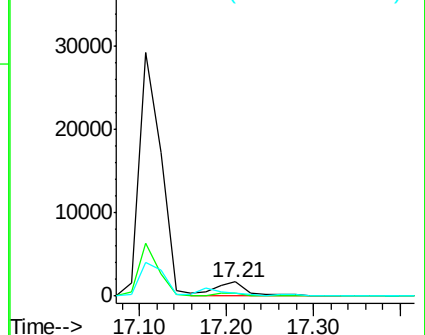
179 21.9 12.9 19.3#

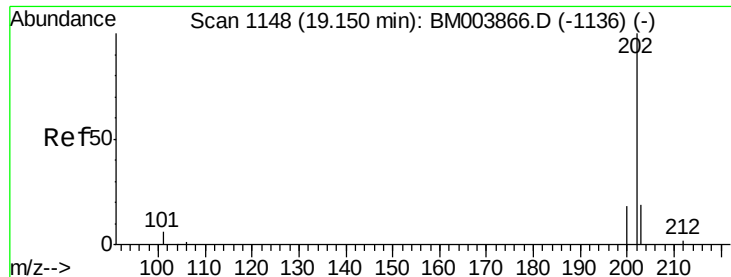


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

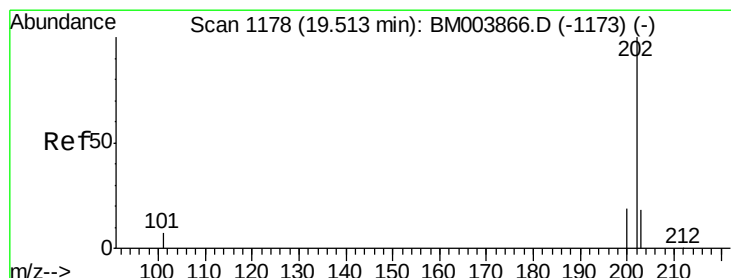
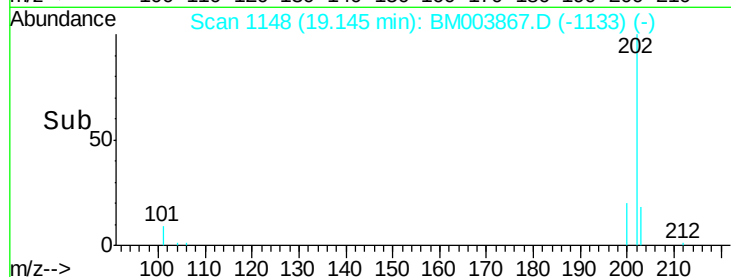
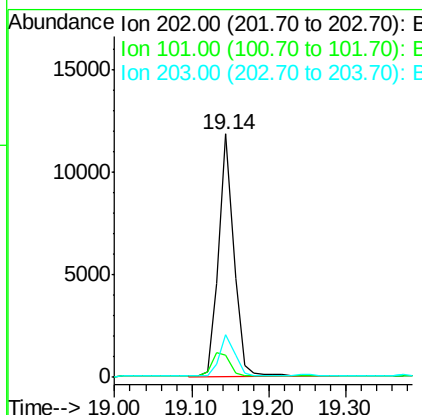
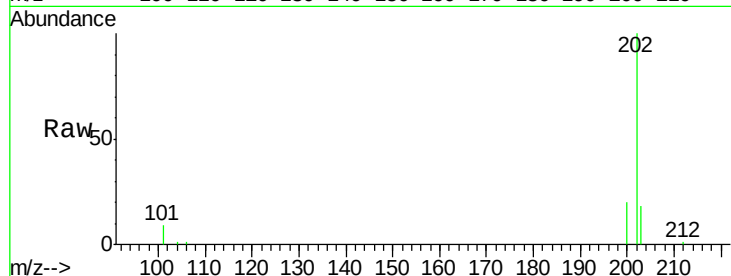




#17
Fluoranthene
Concen: 0.22 ng/ul
RT: 19.14 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BM003867.D
Acq: 30 Dec 2015 02:58

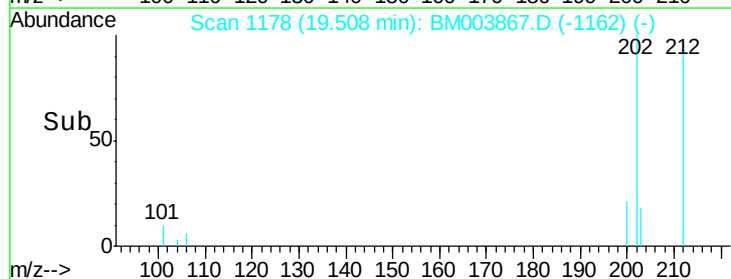
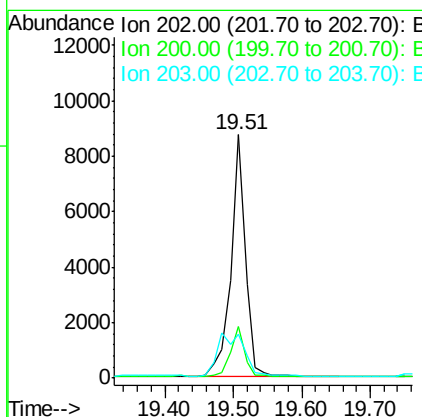
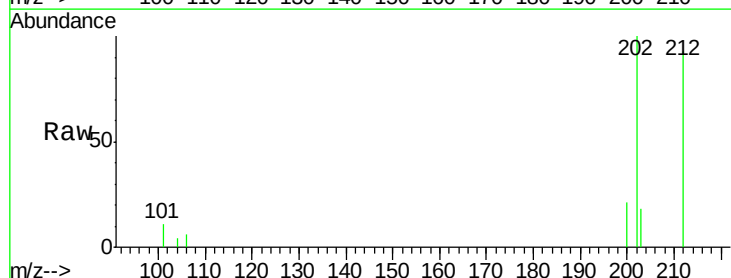
Instrument :
BNA_M
ClientSampleId :
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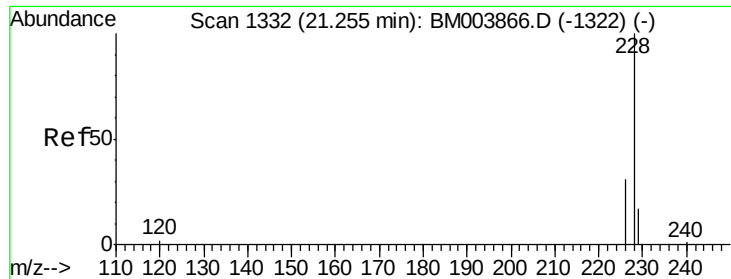
Tot Ion:202 Resp: 16400
Ion Ratio Lower Upper
202 100
101 9.1 0.0 29.6
203 17.7 0.0 36.3



#19
Pyrene
Concen: 0.22 ng/ul
RT: 19.51 min Scan# 1178
Delta R.T. -0.01 min
Lab File: BM003867.D
Acq: 30 Dec 2015 02:58

Tgt Ion:202 Resp: 12681
Ion Ratio Lower Upper
202 100
200 21.5 17.8 26.8
203 18.2 12.8 19.2





#20

Benzo(a)anthracene

Concen: 0.03 ng/ul

RT: 21.26 min Scan# 1333

Delta R.T. 0.01 min

Lab File: BM003867.D

Acq: 30 Dec 2015 02:58

Instrument :

BNA_M

ClientSampleId :

D9N62DL

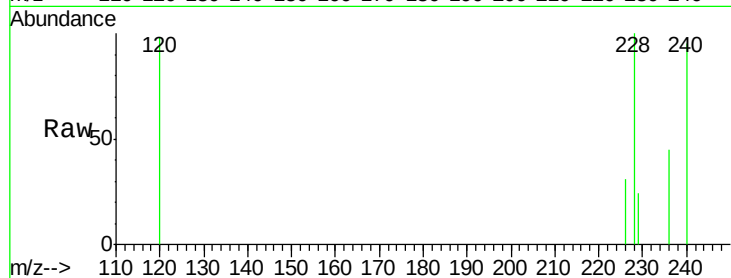
Tot Ion:228 Resp: 1513

Ion Ratio Lower Upper

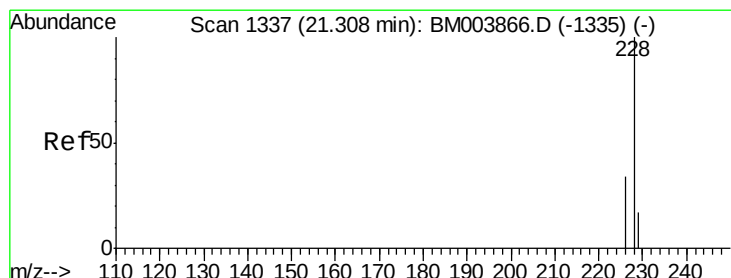
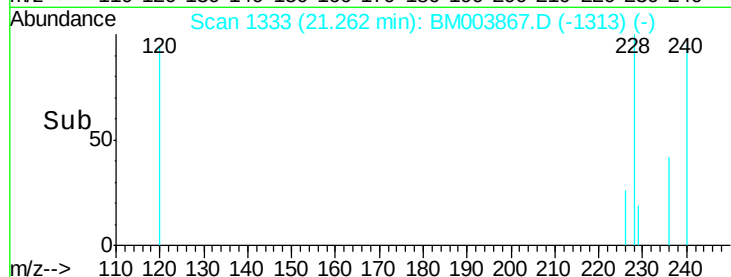
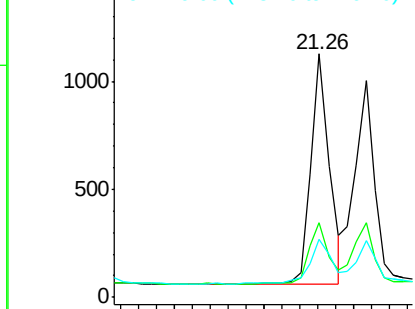
228 100

226 30.6 18.8 28.2#

229 24.0 17.1 25.7



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: 0.03 ng/ul

RT: 21.26 min Scan# 1333

Delta R.T. -0.05 min

Lab File: BM003867.D

Acq: 30 Dec 2015 02:58

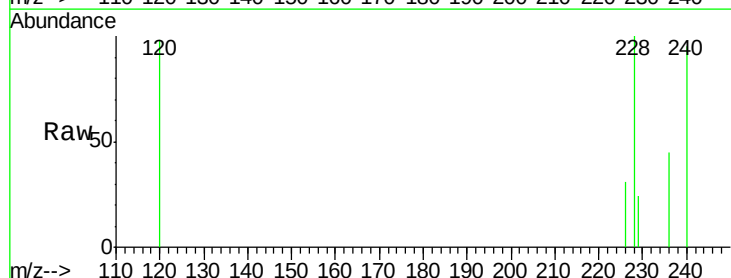
Tgt Ion:228 Resp: 1512

Ion Ratio Lower Upper

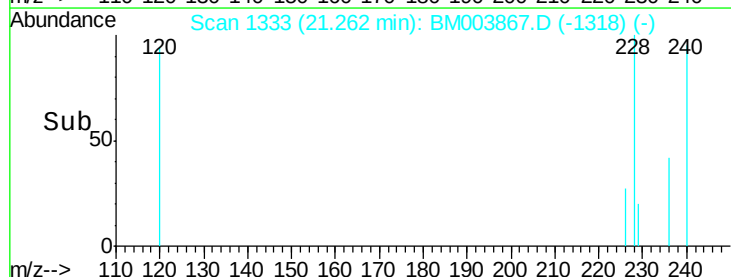
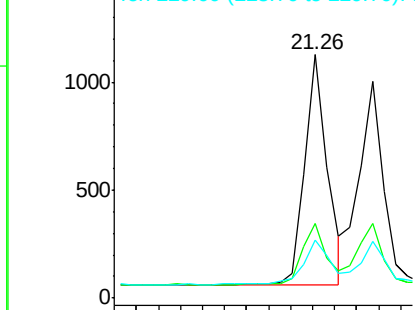
228 100

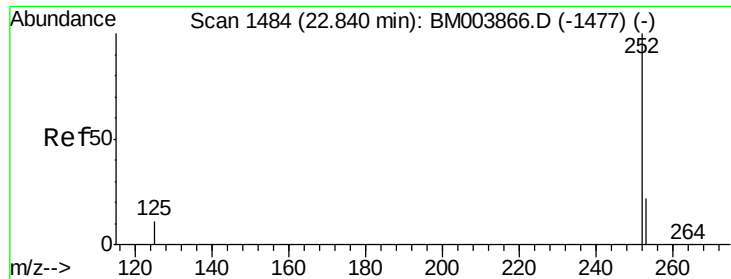
226 30.6 21.2 31.8

229 24.0 17.0 25.6



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: 0.02 ng/ul

RT: 22.85 min Scan# 1485

Delta R.T. 0.01 min

Lab File: BM003867.D

Acq: 30 Dec 2015 02:58

Instrument :

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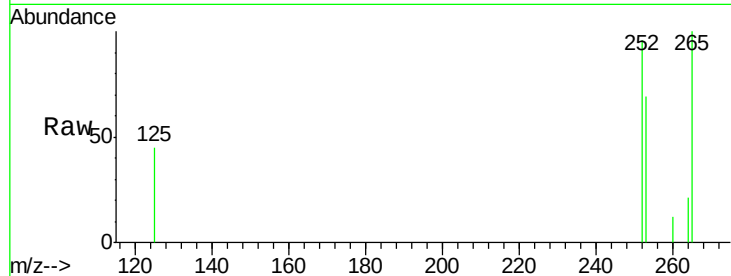
Tot Ion:252 Resp: 1183

Ion Ratio Lower Upper

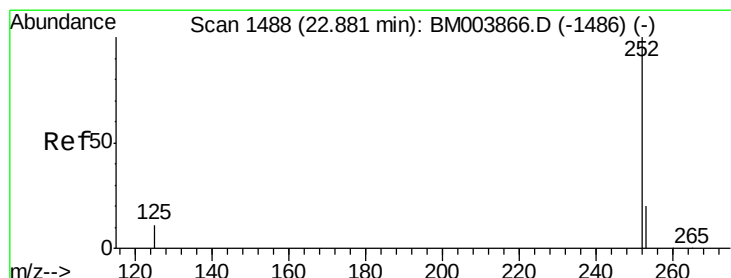
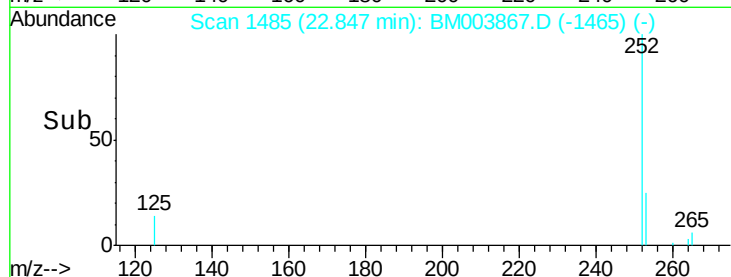
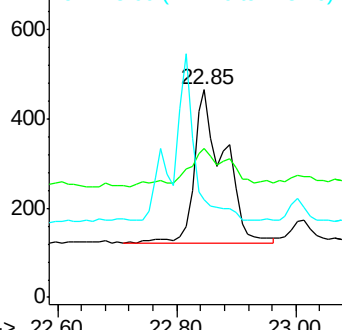
252 100

253 71.8 0.0 45.4#

125 47.1 0.0 28.8#



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: 0.02 ng/ul

RT: 22.85 min Scan# 1485

Delta R.T. -0.03 min

Lab File: BM003867.D

Acq: 30 Dec 2015 02:58

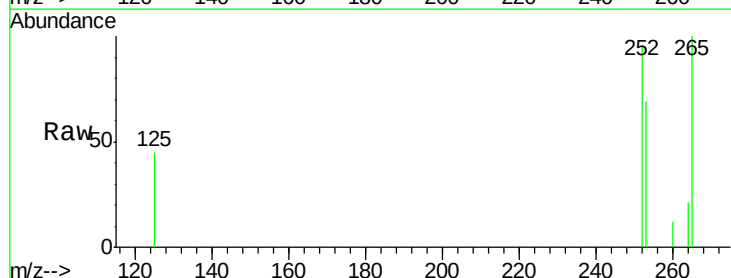
Tgt Ion:252 Resp: 1183

Ion Ratio Lower Upper

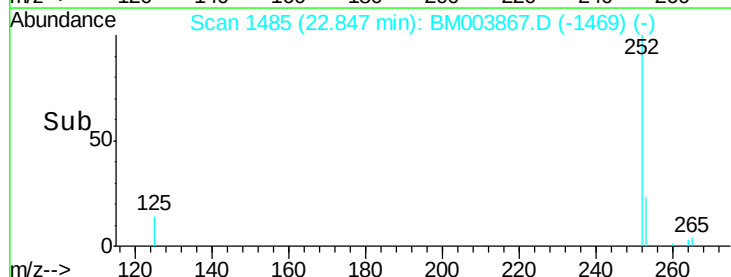
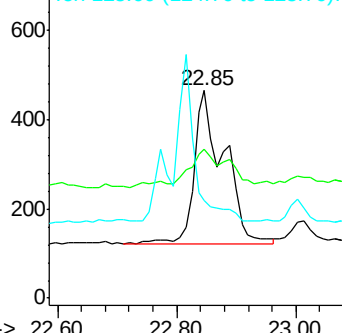
252 100

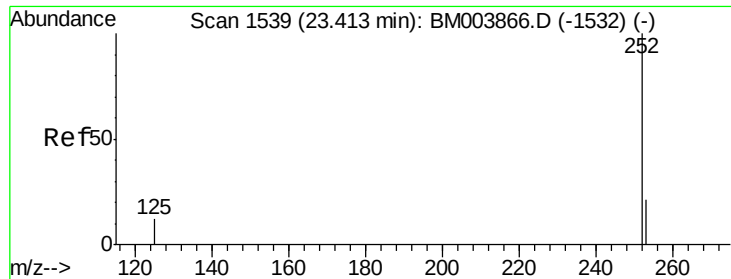
253 71.8 19.8 29.8#

125 47.1 10.4 15.6#



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





#25

Benzo(a)pyrene

Concen: 0.04 ng/ul

RT: 23.37 min Scan# 1535

Delta R.T. -0.05 min

Lab File: BM003867.D

Acq: 30 Dec 2015 02:58

Instrument :

BNA_M

ClientSampleId :

D9N62DL

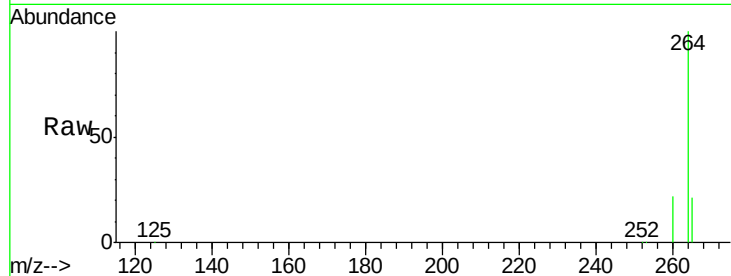
Tot Ion:252 Resp: 2030

Ion Ratio Lower Upper

252 100

253 56.0 19.4 29.2#

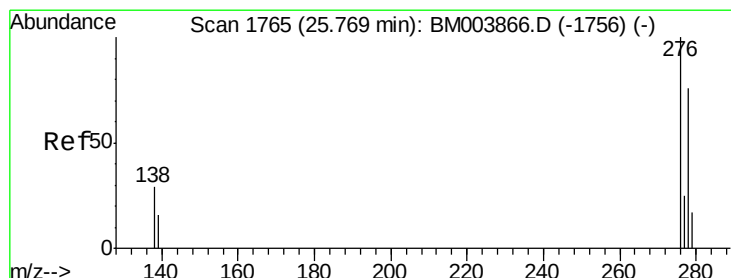
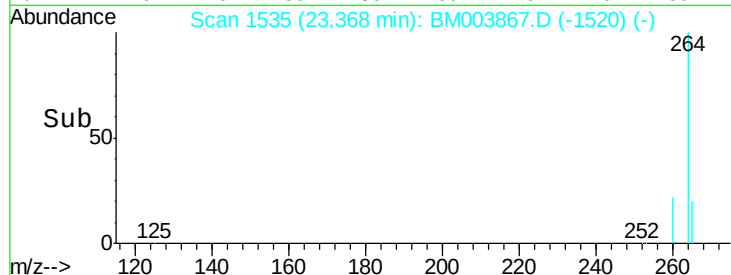
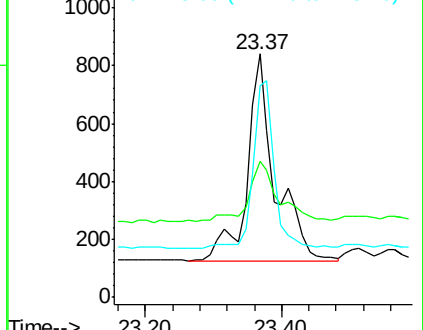
125 86.7 12.7 19.1#



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: 25.78 min Scan# 1766

Delta R.T. 0.01 min

Lab File: BM003867.D

Acq: 30 Dec 2015 02:58

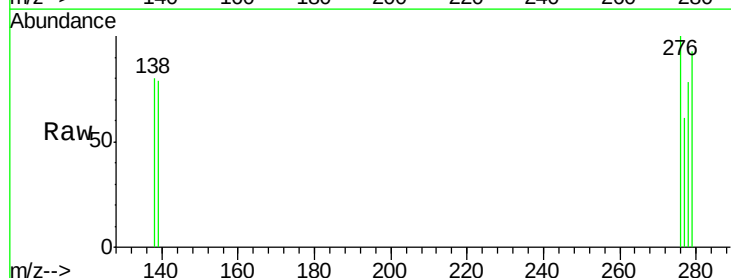
Tgt Ion:276 Resp: 286

Ion Ratio Lower Upper

276 100

138 31.1 16.3 24.5#

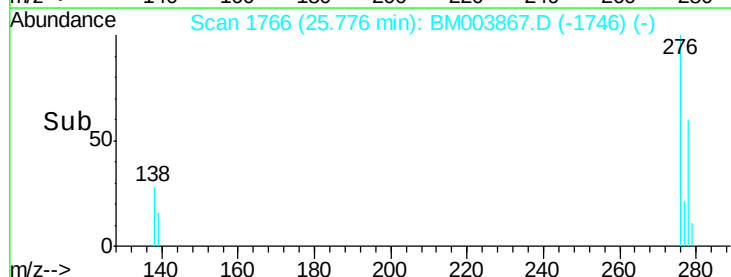
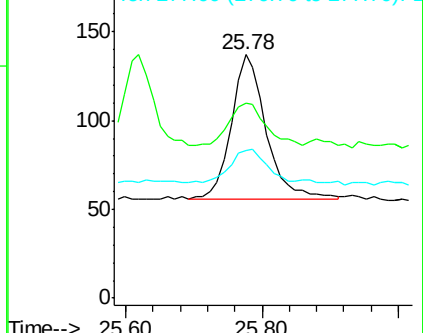
277 25.9 19.8 29.8

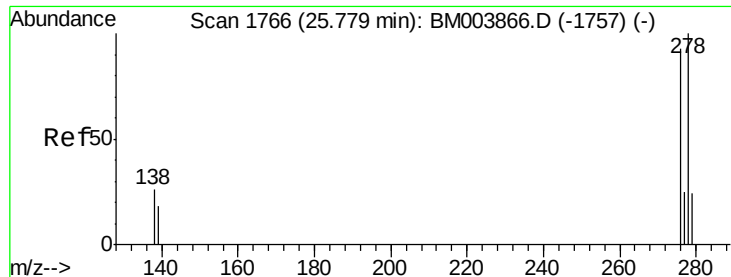


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

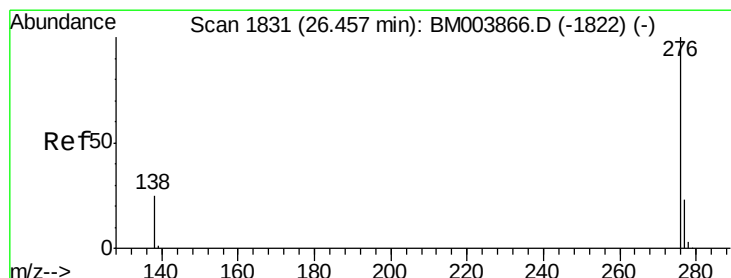
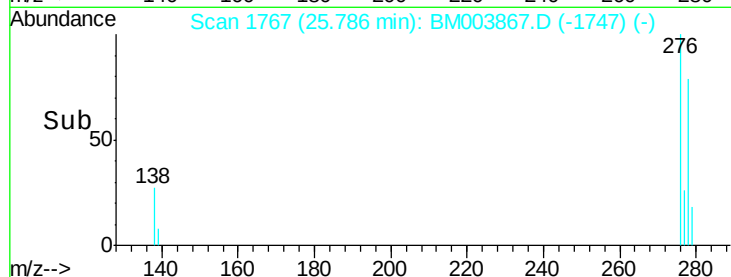
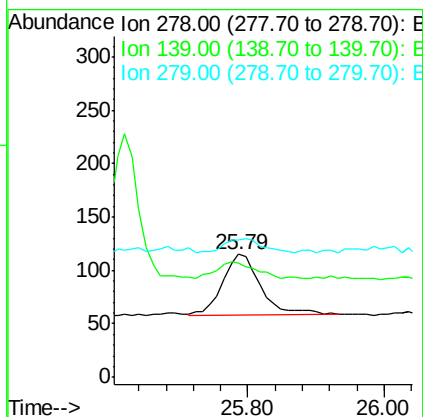
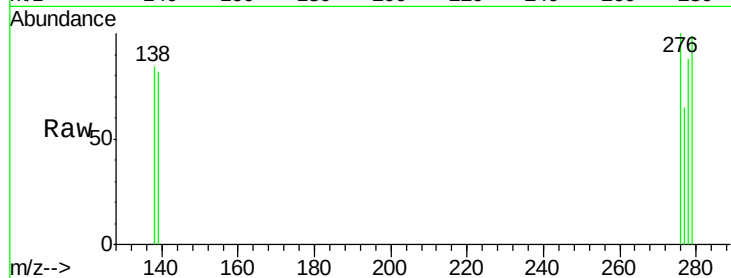




#27
Dibenzo(a,h)anthracene
Concen: 0.00 ng/ul
RT: 25.79 min Scan# 1767
Delta R.T. 0.01 min
Lab File: BM003867.D
Acq: 30 Dec 2015 02:58

Instrument :
BNA_M
ClientSampleId :
D9N62DL

Tot Ion:278 Resp: 220
Ion Ratio Lower Upper
278 100
139 93.0 16.4 24.6#
279 112.2 20.2 30.2#



#28
Benzo(g,h,i)perylene
Concen: 0.00 ng/ul
RT: 26.46 min Scan# 1832
Delta R.T. 0.01 min
Lab File: BM003867.D
Acq: 30 Dec 2015 02:58

Tgt Ion:276 Resp: 245
Ion Ratio Lower Upper
276 100
277 67.8 18.9 28.3#
138 87.3 22.5 33.7#

