

Data Path : Z:\HPCHEM1\BNA M\DATA\BM090315\
 Data File : BM002655.D
 Acq On : 03 Sep 2015 19:28
 Operator : UM/IZ
 Sample : MDL-05-W
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-05-W

Quant Time: Sep 04 04:14:53 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM90315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 03 14:33:37 2015
 Response via : Initial Calibration

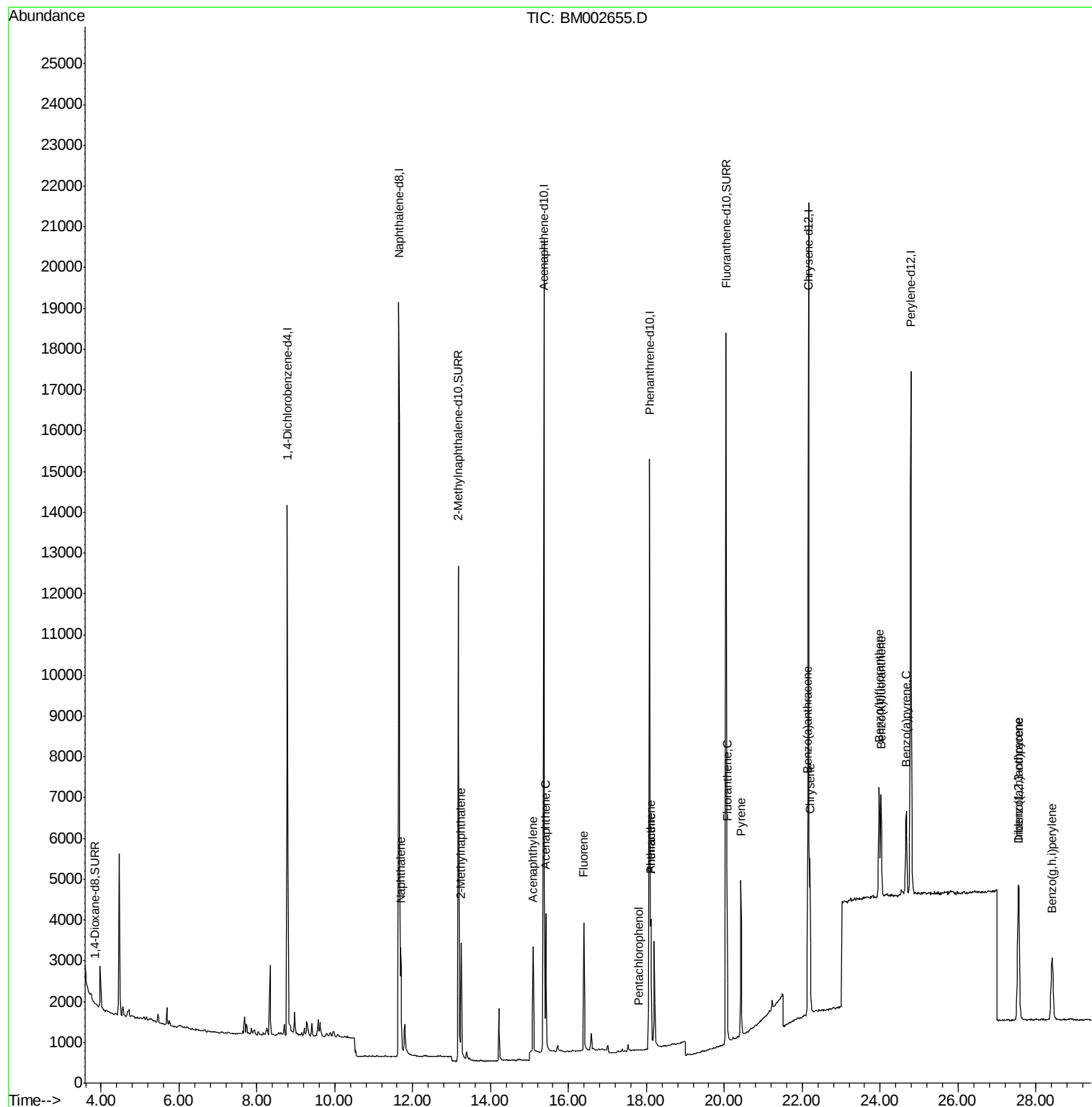
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.78	152	7870	0.40	ng/ul	0.00
4) Naphthalene-d8	11.64	136	30183	0.40	ng/ul	0.00
8) Acenaphthene-d10	15.36	164	12299	0.40	ng/ul	0.00
12) Phenanthrene-d10	18.08	188	22527	0.40	ng/ul	0.00
18) Chrysene-d12	22.16	240	20953	0.40	ng/ul	0.00
22) Perylene-d12	24.78	264	20503	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.83	96	42	0.01	ng/uL	0.02
6) 2-Methylnaphthalene-d10	13.17	152	16474	0.41	ng/ul	0.00
16) Fluoranthene-d10	20.05	212	24171	0.47	ng/ul	0.00
Target Compounds				Ovalue		
5) Naphthalene	11.69	128	3715	0.05	ng/ul#	92
7) 2-Methylnaphthalene	13.25	142	2898	0.06	ng/ul	93
9) Acenaphthylene	15.09	152	3319	0.05	ng/ul	97
10) Acenaphthene	15.42	153	2204	0.05	ng/ul	99
11) Fluorene	16.39	166	2322	0.05	ng/ul#	94
13) Pentachlorophenol	17.80	266	33	0.02	ng/ul#	43
14) Phenanthrene	18.11	178	3473	0.05	ng/ul#	93
15) Anthracene	18.11	178	3473	0.05	ng/ul	93
17) Fluoranthene	20.07	202	3939	0.06	ng/ul	91
19) Pyrene	20.42	202	4016	0.05	ng/ul#	89
20) Benzo(a)anthracene	22.14	228	3739	0.05	ng/ul#	87
21) Chrysene	22.20	228	3702	0.06	ng/ul#	89
23) Benzo(b)fluoranthene	23.97	252	4021	0.06	ng/ul#	48
24) Benzo(k)fluoranthene	24.02	252	3799	0.06	ng/ul#	43
25) Benzo(a)pyrene	24.67	252	3594	0.05	ng/ul#	36
26) Indeno(1,2,3-cd)pyrene	27.55	276	4256	0.05	ng/ul	98
27) Dibenzo(a,h)anthracene	27.56	278	3381	0.05	ng/ul#	64
28) Benzo(a,h,i)perylene	28.41	276	3628	0.05	ng/ul#	70

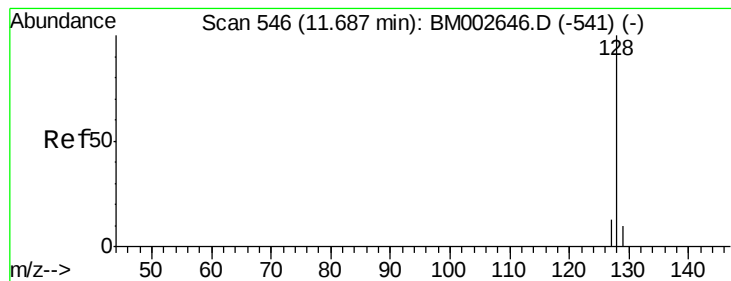
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA M\DATA\BM090315\
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#5

Naphthalene

Concen: 0.05 ng/ul

RT: 11.69 min Scan# 546

Delta R.T. 0.00 min

Lab File: BM002655.D

Acq: 03 Sep 2015 19:28

Instrument :

BNA_M

ClientSampleId :

MDL-05-W

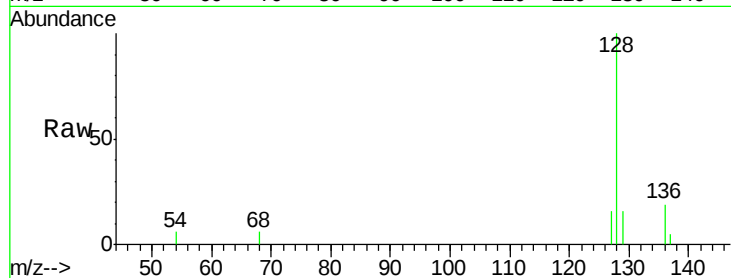
Tot Ion:128 Resp: 3715

Ion Ratio Lower Upper

128 100

129 15.7 9.8 14.8#

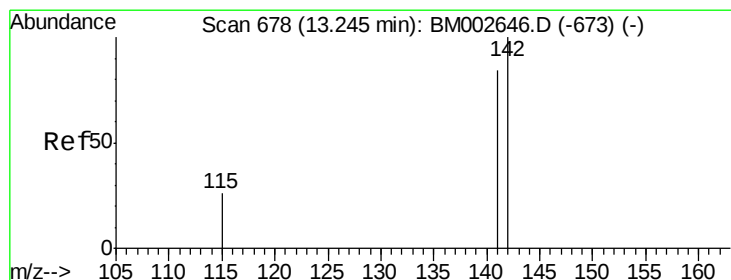
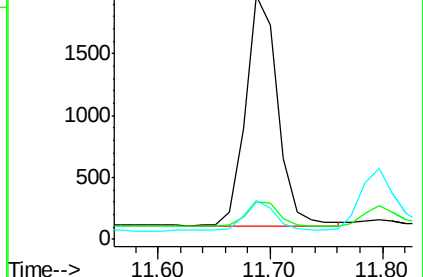
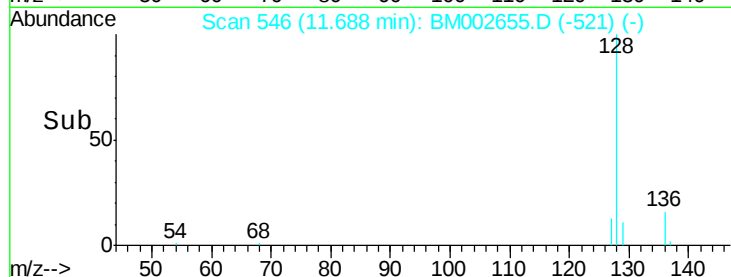
127 16.2 10.7 16.1#



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: 0.06 ng/ul

RT: 13.25 min Scan# 678

Delta R.T. 0.00 min

Lab File: BM002655.D

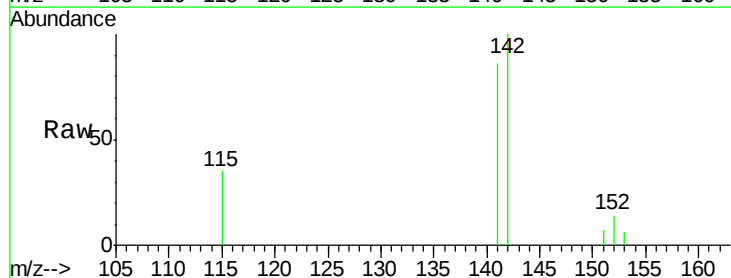
Acq: 03 Sep 2015 19:28

Tgt Ion:142 Resp: 2898

Ion Ratio Lower Upper

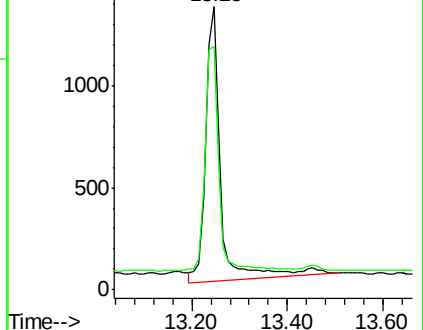
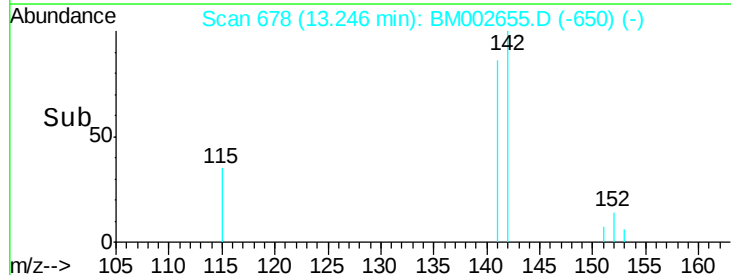
142 100

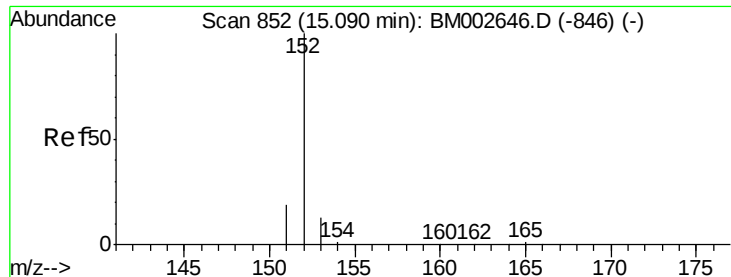
141 94.0 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#9

Acenaphthylene

Concen: 0.05 ng/ul

RT: 15.09 min Scan# 852

Delta R.T. 0.00 min

Lab File: BM002655.D

Acq: 03 Sep 2015 19:28

Instrument :

BNA_M

ClientSampleId :

MDL-05-W

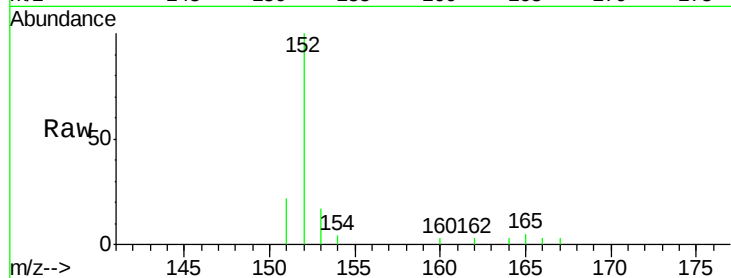
Tot Ion:152 Resp: 3319

Ion Ratio Lower Upper

152 100

151 21.8 16.8 25.2

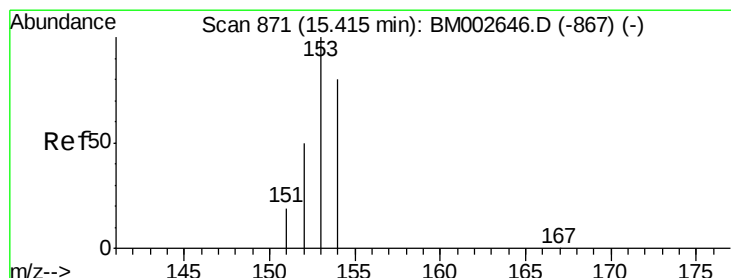
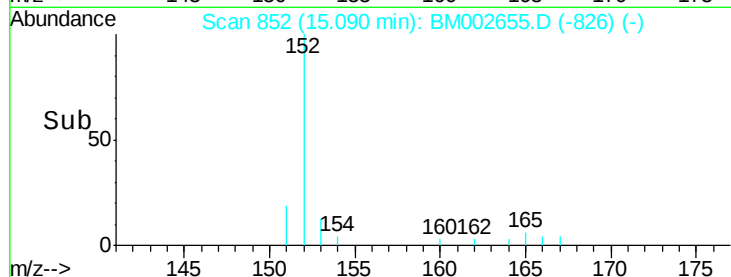
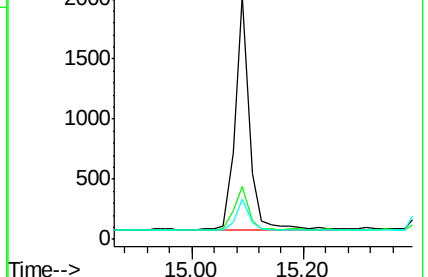
153 16.5 11.3 16.9



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: 0.05 ng/ul

RT: 15.42 min Scan# 871

Delta R.T. 0.00 min

Lab File: BM002655.D

Acq: 03 Sep 2015 19:28

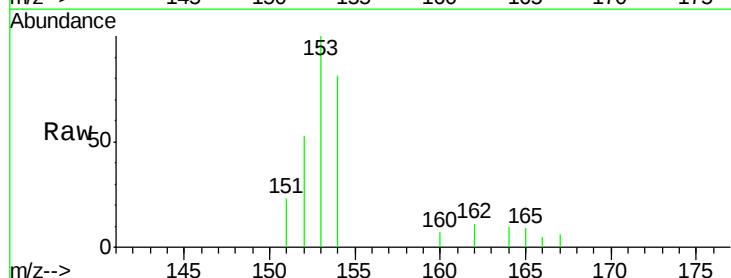
Tgt Ion:153 Resp: 2204

Ion Ratio Lower Upper

153 100

152 53.4 42.3 63.5

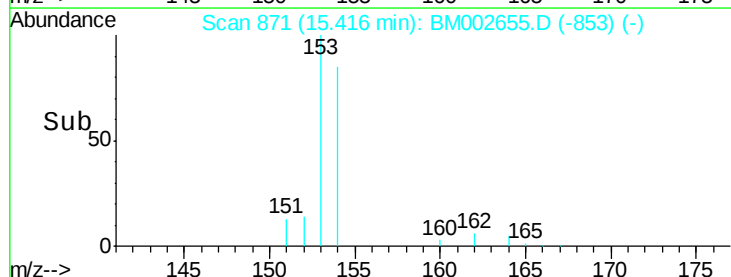
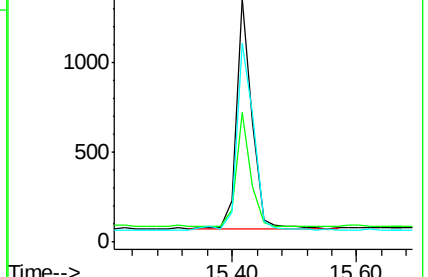
154 81.4 64.7 97.1

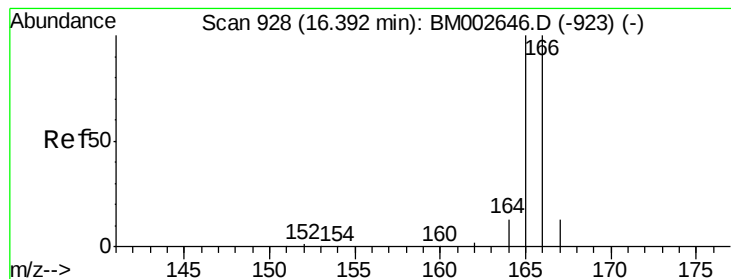


Abundance Ion 153.00 (152.70 to 153.70): E

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: 16.39 min Scan# 928

Delta R.T. 0.00 min

Lab File: BM002655.D

Acq: 03 Sep 2015 19:28

Instrument :

BNA_M

ClientSampleId :

MDL-05-W

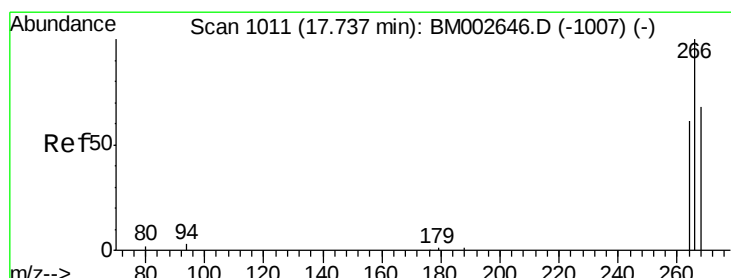
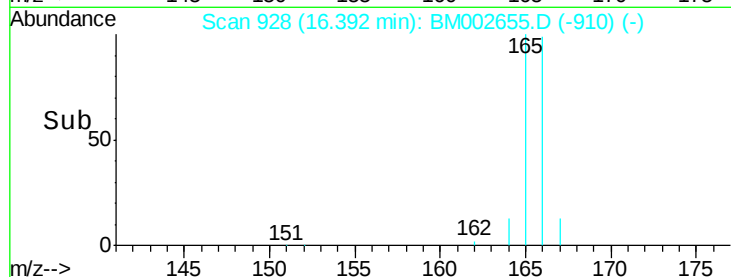
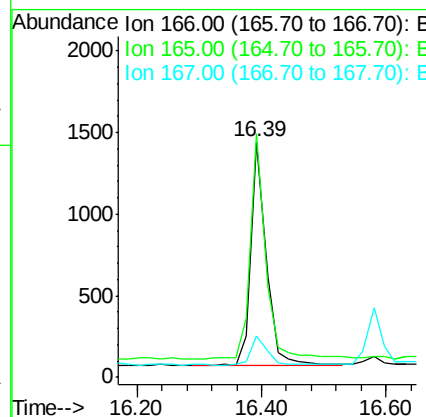
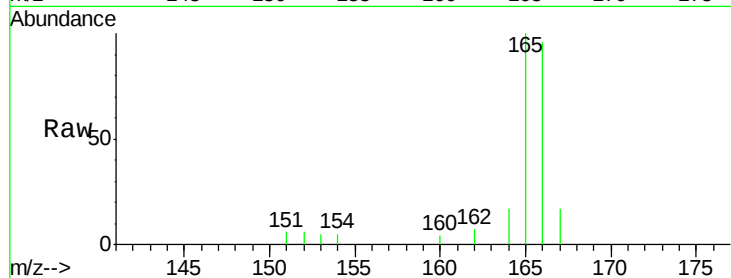
Tot Ion:166 Resp: 2322

Ion Ratio Lower Upper

166 100

165 103.7 87.6 131.4

167 17.8 11.1 16.7#



#13

Pentachlorophenol

Concen: 0.02 ng/ul

RT: 17.80 min Scan# 1015

Delta R.T. 0.06 min

Lab File: BM002655.D

Acq: 03 Sep 2015 19:28

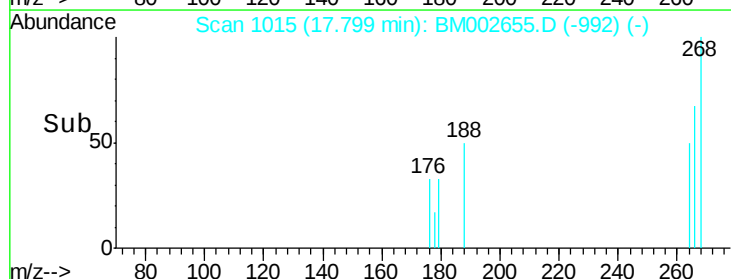
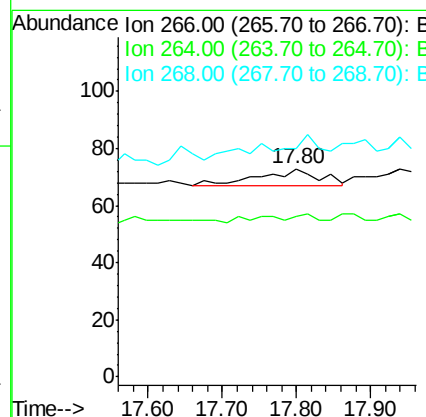
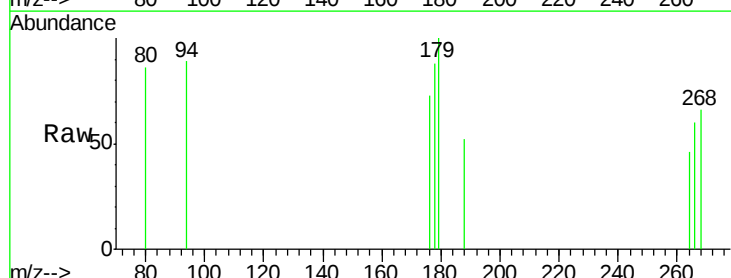
Tgt Ion:266 Resp: 33

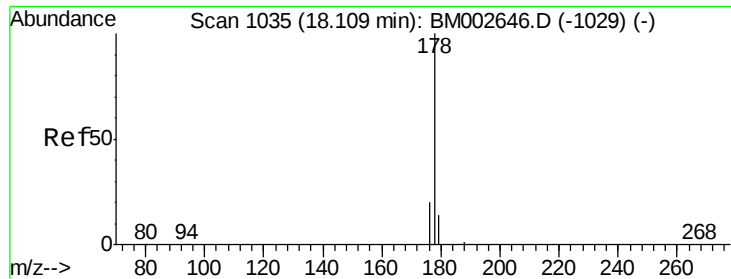
Ion Ratio Lower Upper

266 100

264 18.2 53.5 80.3#

268 24.2 54.2 81.2#

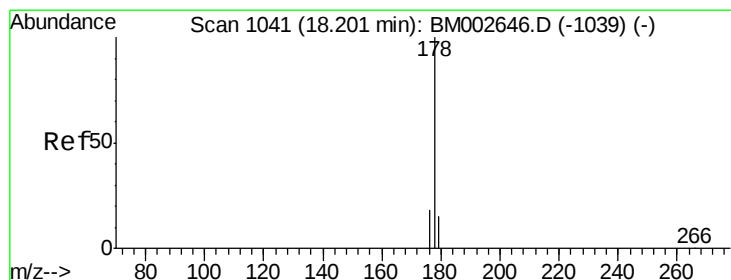
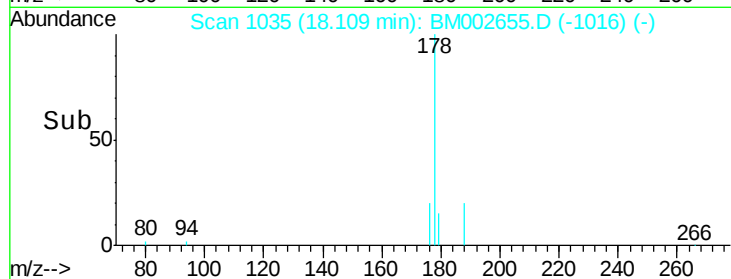
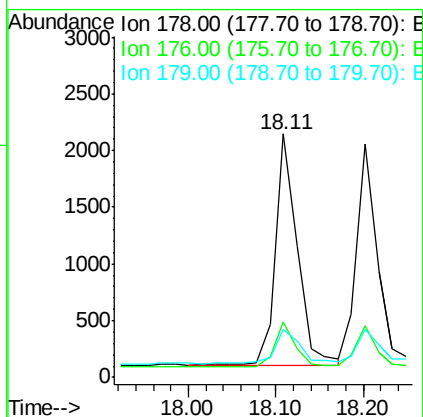
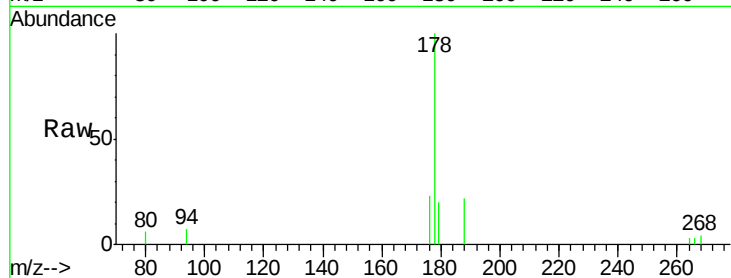




#14
Phenanthrene
Concen: 0.05 ng/ul
RT: 18.11 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BM002655.D
Acq: 03 Sep 2015 19:28

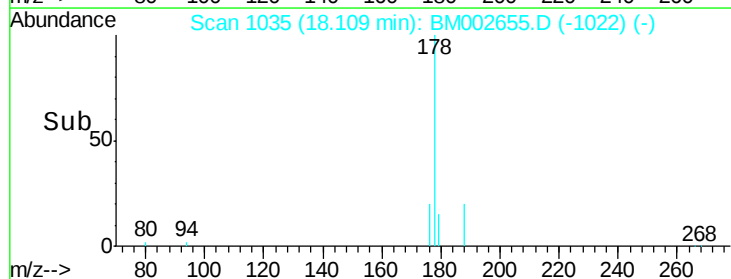
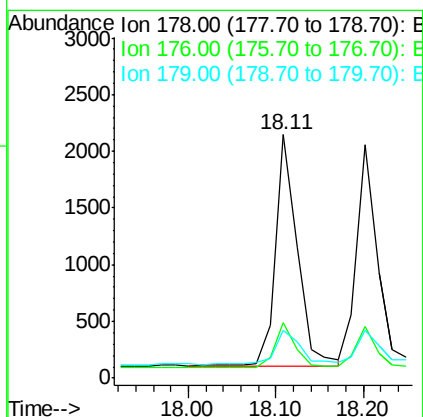
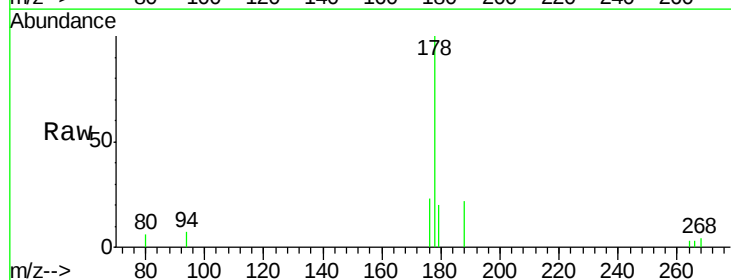
Instrument :
BNA_M
ClientSampleId :
MDL-05-W

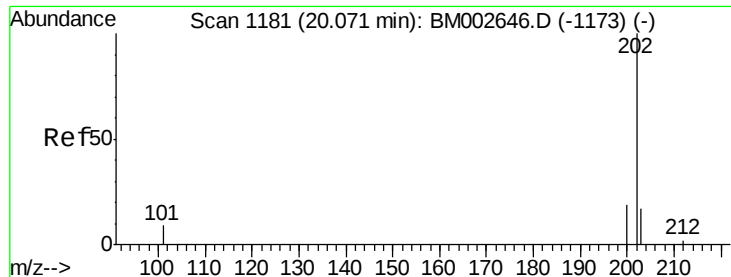
Tot Ion:178 Resp: 3473
Ion Ratio Lower Upper
178 100
176 23.0 16.2 24.4
179 19.7 12.8 19.2#



#15
Anthracene
Concen: 0.05 ng/ul
RT: 18.11 min Scan# 1035
Delta R.T. -0.09 min
Lab File: BM002655.D
Acq: 03 Sep 2015 19:28

Tgt Ion:178 Resp: 3473
Ion Ratio Lower Upper
178 100
176 23.0 15.8 23.8
179 19.7 13.3 19.9

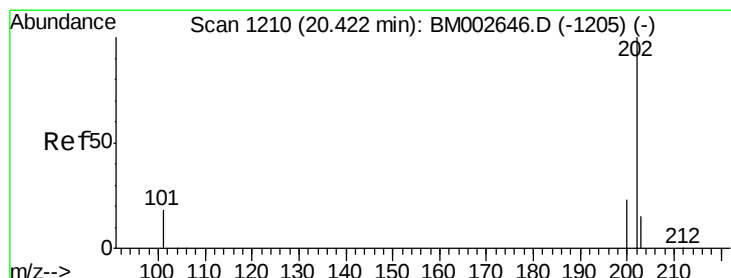
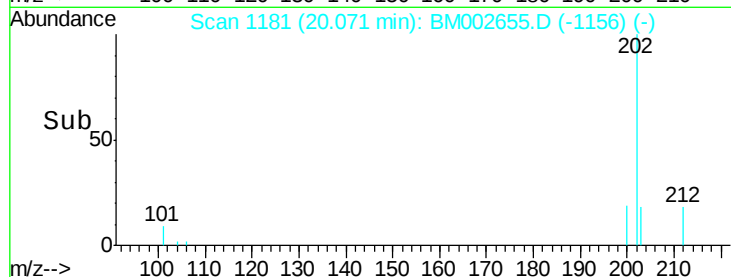
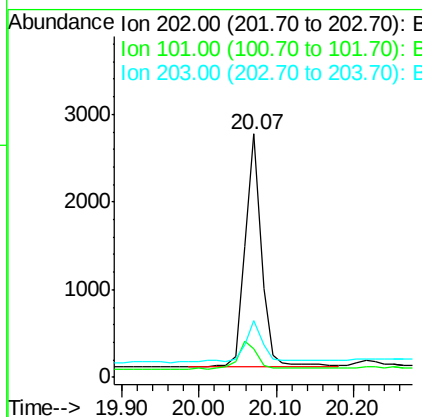
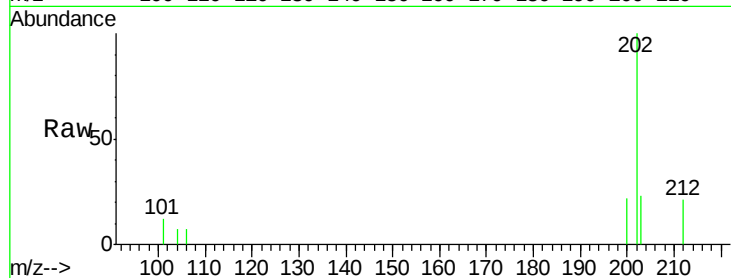




#17
Fluoranthene
 Concen: 0.06 ng/ul
 RT: 20.07 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: BM002655.D
 Acq: 03 Sep 2015 19:28

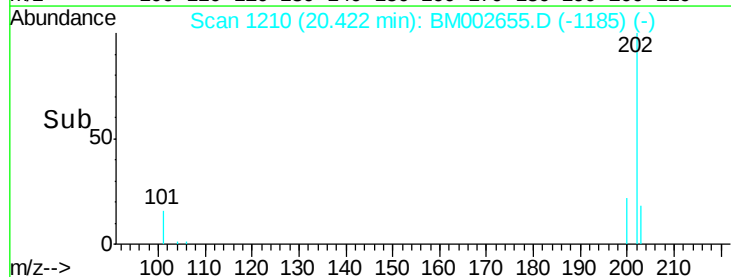
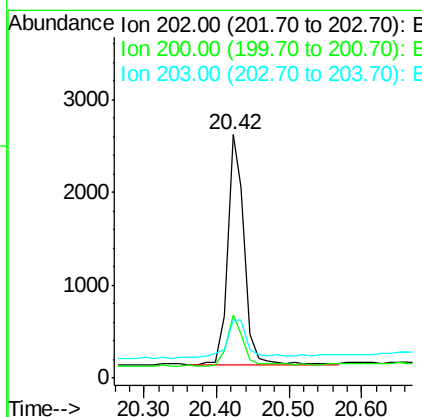
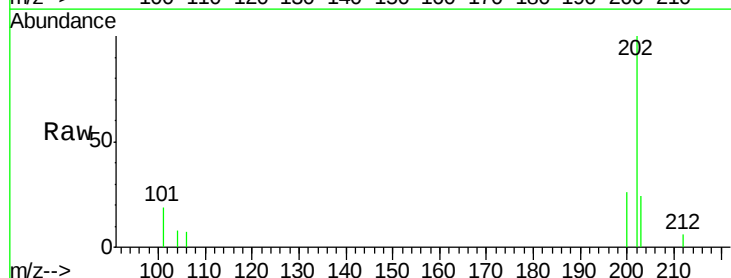
Instrument :
 BNA_M
 ClientSampleId :
 MDL-05-W

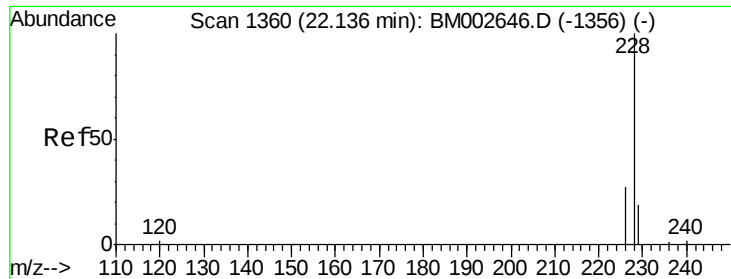
Tot Ion:202 Resp: 3939
 Ion Ratio Lower Upper
 202 100
 101 11.7 0.0 33.1
 203 23.1 0.0 37.2



#19
Pyrene
 Concen: 0.05 ng/ul
 RT: 20.42 min Scan# 1210
 Delta R.T. 0.00 min
 Lab File: BM002655.D
 Acq: 03 Sep 2015 19:28

Tgt Ion:202 Resp: 4016
 Ion Ratio Lower Upper
 202 100
 200 26.1 18.0 27.0
 203 23.7 13.8 20.6#





#20

Benzo(a)anthracene

Concen: 0.05 ng/ul

RT: 22.14 min Scan# 1360

Delta R.T. 0.00 min

Lab File: BM002655.D

Acq: 03 Sep 2015 19:28

Instrument :

BNA_M

ClientSampleId :

MDL-05-W

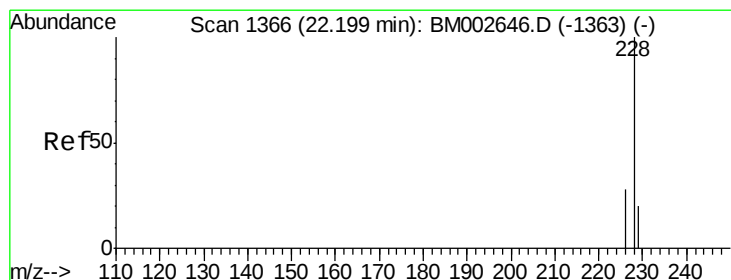
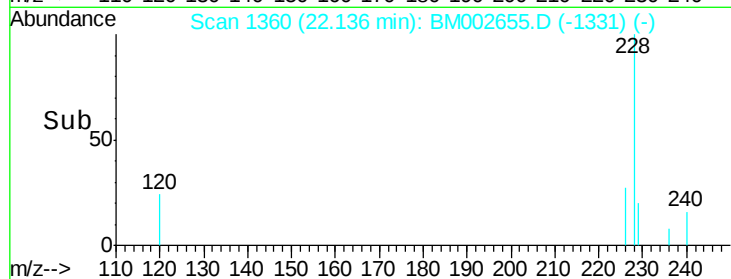
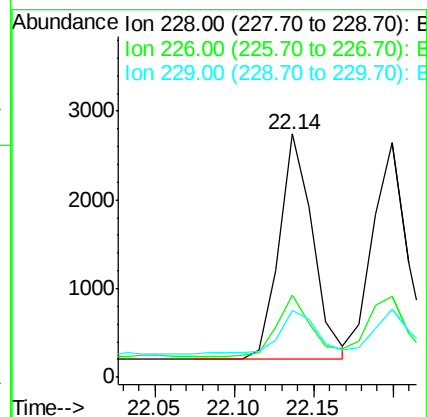
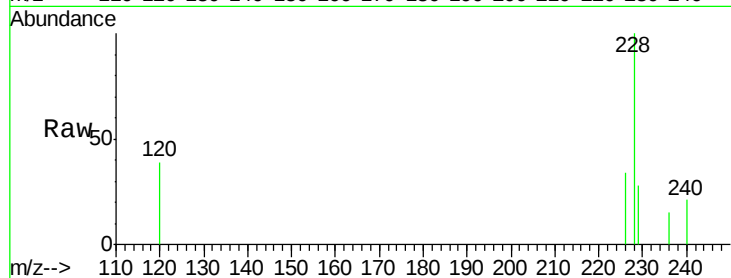
Tot Ion:228 Resp: 3739

Ion Ratio Lower Upper

228 100

226 33.8 23.0 34.4

229 27.7 15.2 22.8#



#21

Chrysene

Concen: 0.06 ng/ul

RT: 22.20 min Scan# 1366

Delta R.T. 0.00 min

Lab File: BM002655.D

Acq: 03 Sep 2015 19:28

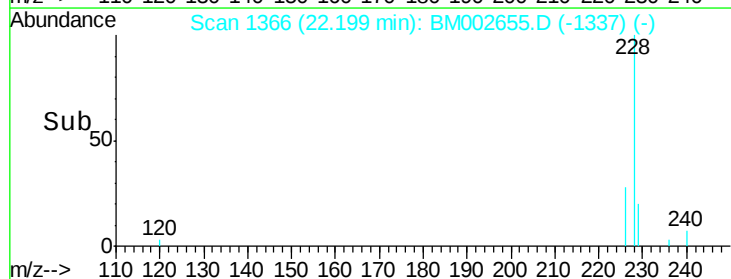
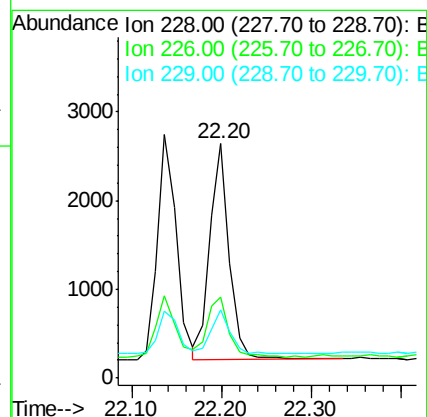
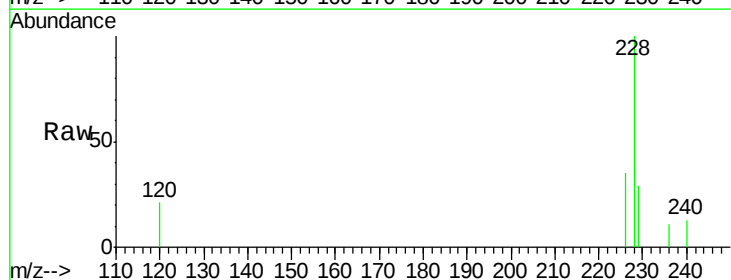
Tgt Ion:228 Resp: 3702

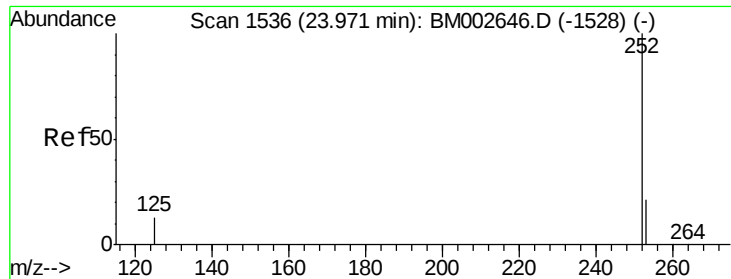
Ion Ratio Lower Upper

228 100

226 34.7 25.7 38.5

229 28.9 15.2 22.8#





#23

Benzo(b)fluoranthene

Concen: 0.06 ng/ul

RT: 23.97 min Scan# 1536

Delta R.T. 0.00 min

Lab File: BM002655.D

Acq: 03 Sep 2015 19:28

Instrument :

BNA_M

ClientSampleId :

MDL-05-W

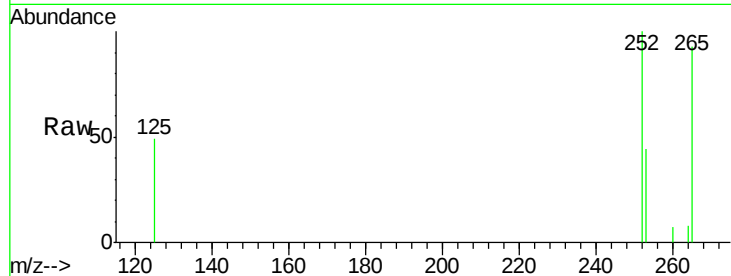
Tot Ion:252 Resp: 4021

Ion Ratio Lower Upper

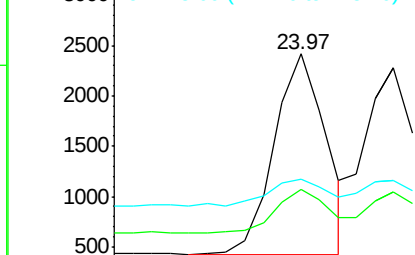
252 100

253 44.1 0.0 48.0

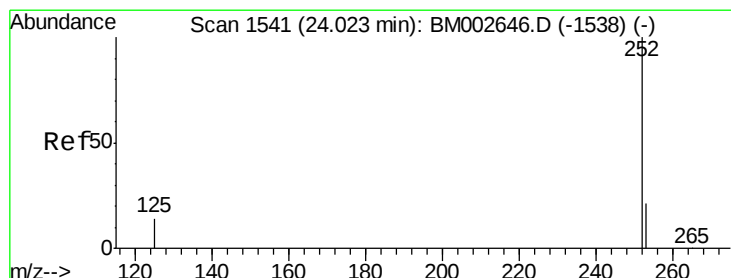
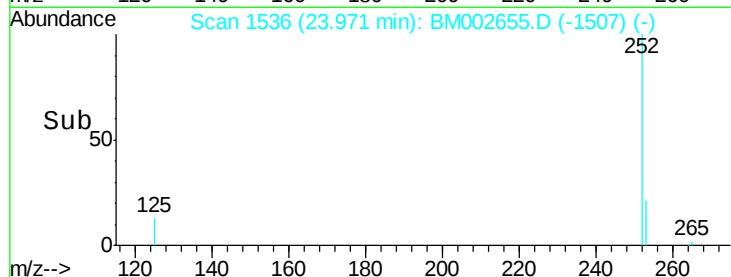
125 48.5 0.0 36.6#



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



Time-->



#24

Benzo(k)fluoranthene

Concen: 0.06 ng/ul

RT: 24.02 min Scan# 1541

Delta R.T. 0.00 min

Lab File: BM002655.D

Acq: 03 Sep 2015 19:28

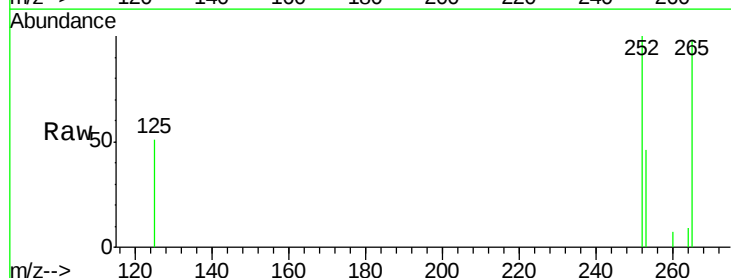
Tgt Ion:252 Resp: 3799

Ion Ratio Lower Upper

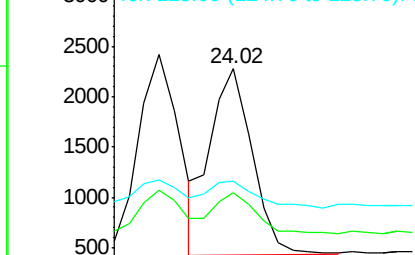
252 100

253 46.1 20.8 31.2#

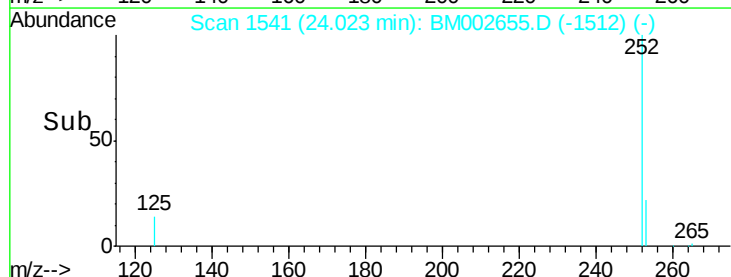
125 51.2 12.2 18.4#

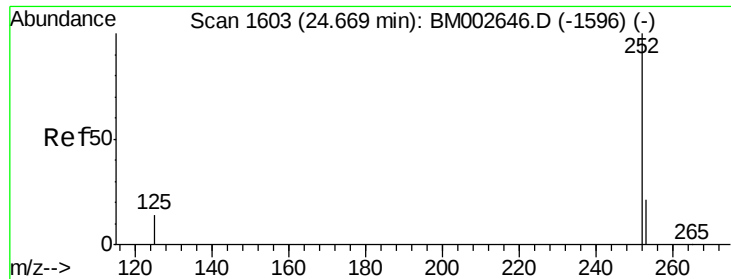


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



Time-->





#25

Benzo(a)pyrene

Concen: 0.05 ng/ul

RT: 24.67 min Scan# 1603

Delta R.T. 0.00 min

Lab File: BM002655.D

Acq: 03 Sep 2015 19:28

Instrument :

BNA_M

ClientSampleID :

MDL-05-W

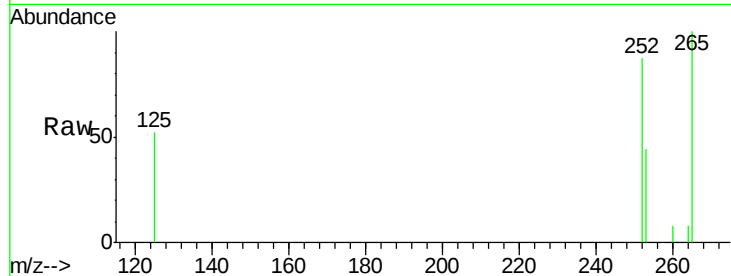
Tot Ion:252 Resp: 3594

Ion Ratio Lower Upper

252 100

253 50.6 21.8 32.8#

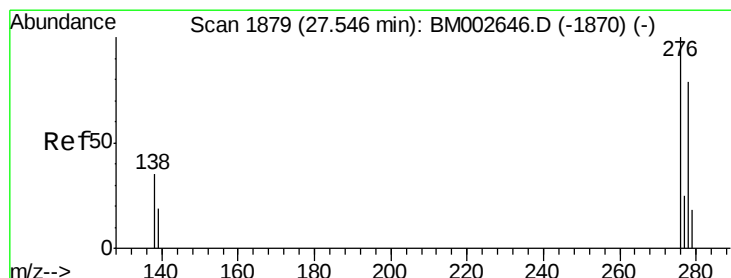
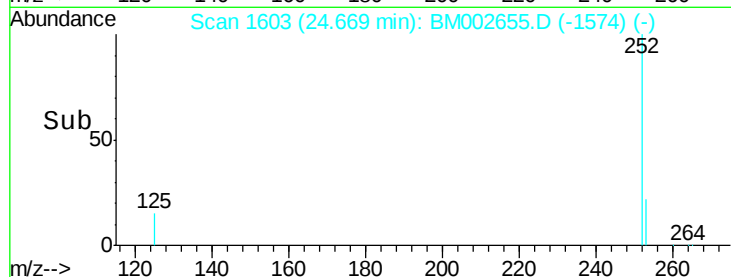
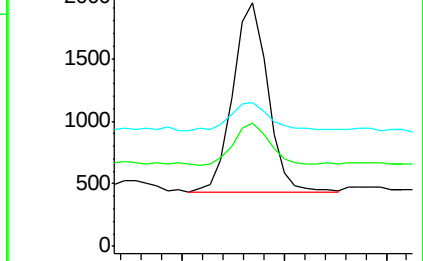
125 59.3 14.5 21.7#



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: 0.05 ng/ul

RT: 27.55 min Scan# 1879

Delta R.T. 0.00 min

Lab File: BM002655.D

Acq: 03 Sep 2015 19:28

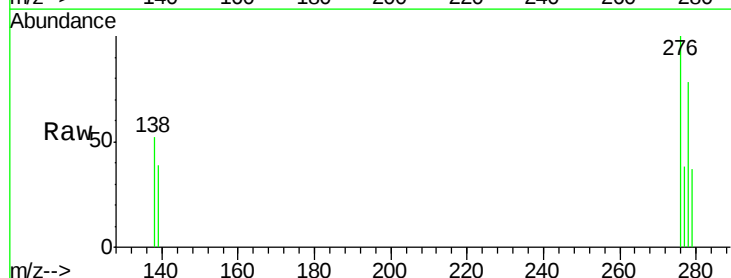
Tgt Ion:276 Resp: 4256

Ion Ratio Lower Upper

276 100

138 35.1 27.5 41.3

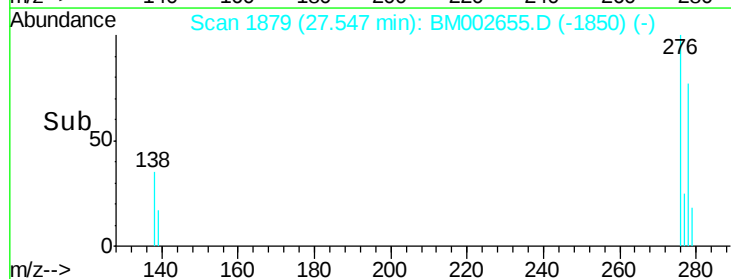
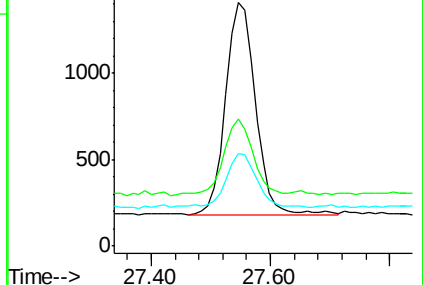
277 26.1 19.3 28.9

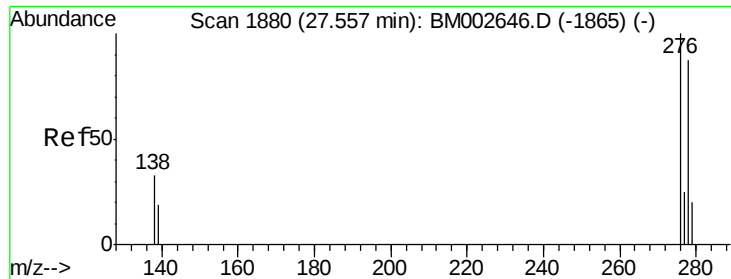


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

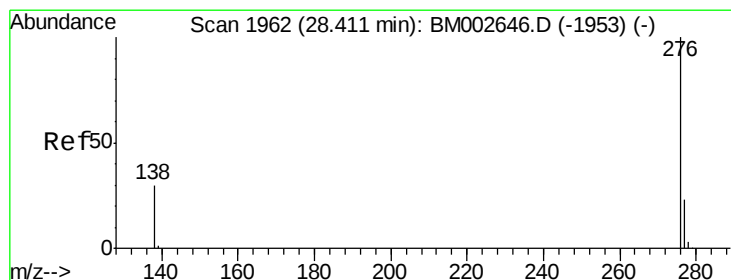
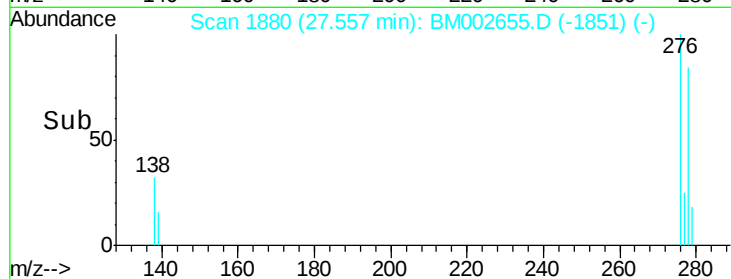
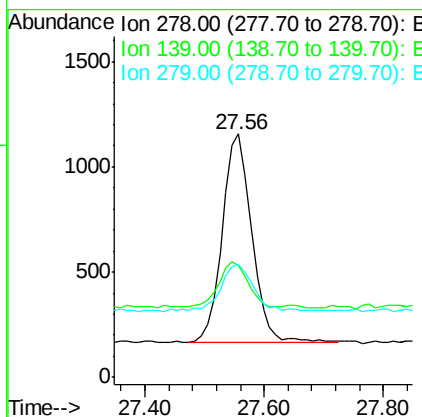
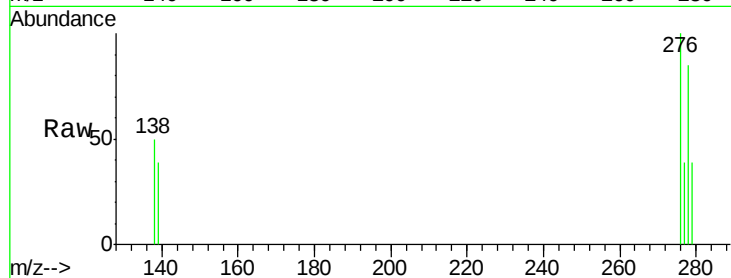




#27
Dibenzo(a,h)anthracene
Concen: 0.05 ng/ul
RT: 27.56 min Scan# 1880
Delta R.T. 0.00 min
Lab File: BM002655.D
Acq: 03 Sep 2015 19:28

Instrument :
BNA_M
ClientSampleId :
MDL-05-W

Tot Ion:278 Resp: 3381
Ion Ratio Lower Upper
278 100
139 46.0 21.7 32.5#
279 46.2 21.9 32.9#



#28
Benzo(g,h,i)perylene
Concen: 0.05 ng/ul
RT: 28.41 min Scan# 1962
Delta R.T. 0.00 min
Lab File: BM002655.D
Acq: 03 Sep 2015 19:28

Tgt Ion:276 Resp: 3628
Ion Ratio Lower Upper
276 100
277 39.8 21.3 31.9#
138 51.0 25.5 38.3#

