

Data Path : Z:\HPCHEM1\BNA M\DATA\BM090315\
 Data File : BM002653.D
 Acq On : 03 Sep 2015 18:14
 Operator : UM/IZ
 Sample : MDL-03-W
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-03-W

Quant Time: Sep 04 04:14:34 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

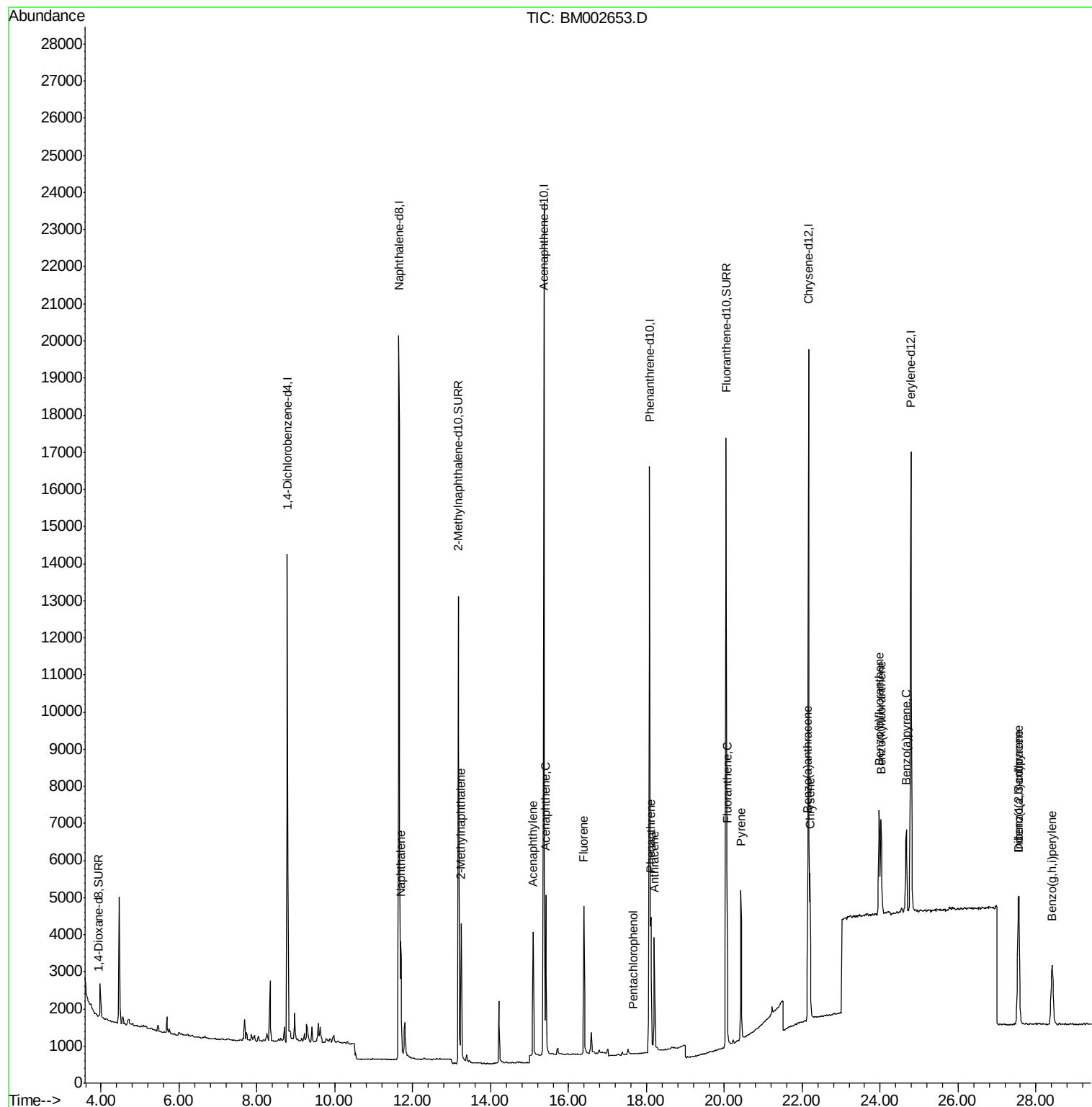
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.78	152	7826	0.40	ng/ul	0.00
4) Naphthalene-d8	11.64	136	32208	0.40	ng/ul	0.00
8) Acenaphthene-d10	15.36	164	14042	0.40	ng/ul	0.00
12) Phenanthrene-d10	18.08	188	23984	0.40	ng/ul	0.00
18) Chrysene-d12	22.16	240	19895	0.40	ng/ul	0.00
22) Perylene-d12	24.78	264	19674	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.93	96	30	0.00	ng/uL	0.11
6) 2-Methylnaphthalene-d10	13.17	152	17019	0.39	ng/ul	0.00
16) Fluoranthene-d10	20.05	212	21832	0.40	ng/ul	0.00
Target Compounds				Ovalue		
5) Naphthalene	11.69	128	4531	0.05	ng/ul	94
7) 2-Methylnaphthalene	13.25	142	3564	0.06	ng/ul	94
9) Acenaphthylene	15.09	152	4017	0.05	ng/ul	98
10) Acenaphthene	15.42	153	2827	0.05	ng/ul	99
11) Fluorene	16.39	166	3013	0.05	ng/ul	95
13) Pentachlorophenol	17.66	266	12	0.01	ng/ul#	16
14) Phenanthrene	18.11	178	4148	0.06	ng/ul	94
15) Anthracene	18.20	178	3901	0.05	ng/ul	95
17) Fluoranthene	20.07	202	4296	0.06	ng/ul	92
19) Pyrene	20.42	202	4396	0.06	ng/ul#	89
20) Benzo(a)anthracene	22.14	228	3961	0.06	ng/ul#	87
21) Chrysene	22.20	228	4002	0.06	ng/ul#	89
23) Benzo(b)fluoranthene	23.97	252	4183	0.06	ng/ul#	50
24) Benzo(k)fluoranthene	24.02	252	4093	0.06	ng/ul#	45
25) Benzo(a)pyrene	24.67	252	3811	0.06	ng/ul#	43
26) Indeno(1,2,3-cd)pyrene	27.55	276	4467	0.06	ng/ul	98
27) Dibenzo(a,h)anthracene	27.56	278	3670	0.06	ng/ul#	62
28) Benzo(a,h,i)perylene	28.41	276	3913	0.06	ng/ul#	73

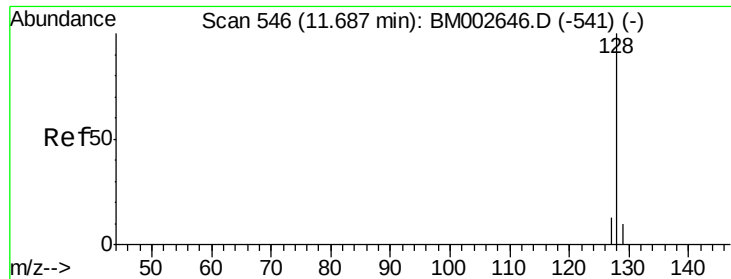
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BM002653.D

Acq: 03 Sep 2015 18:14

Instrument :

BNA_M

ClientSampleId :

MDL-03-W

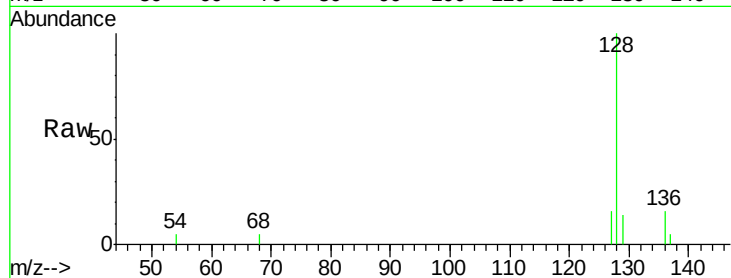
Tot Ion:128 Resp: 4531

Ion Ratio Lower Upper

128 100

129 14.3 9.8 14.8

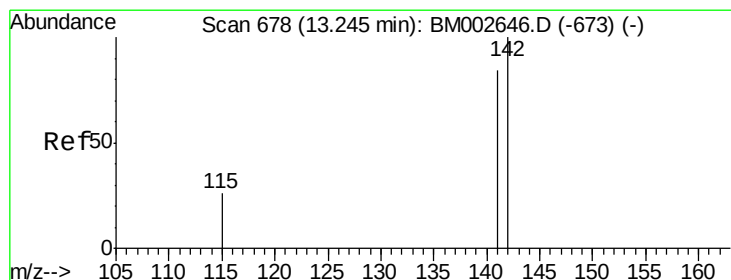
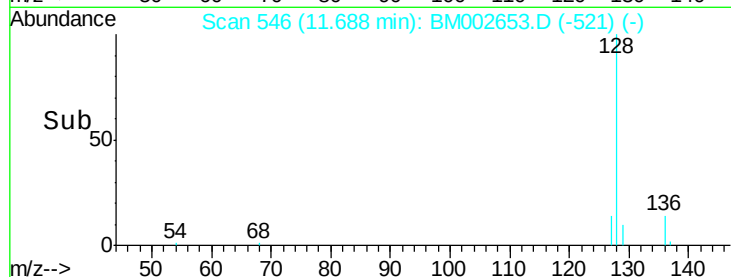
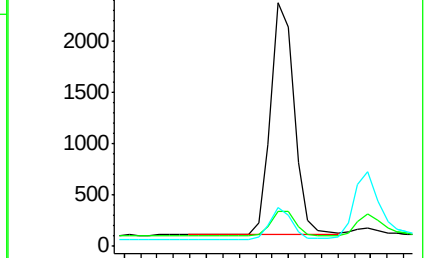
127 15.9 10.7 16.1



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: BM002653.D

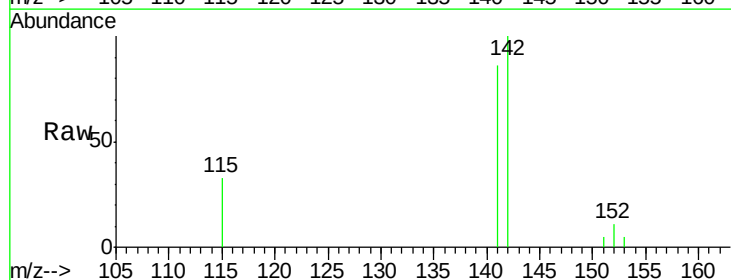
Acq: 03 Sep 2015 18:14

Tgt Ion:142 Resp: 3564

Ion Ratio Lower Upper

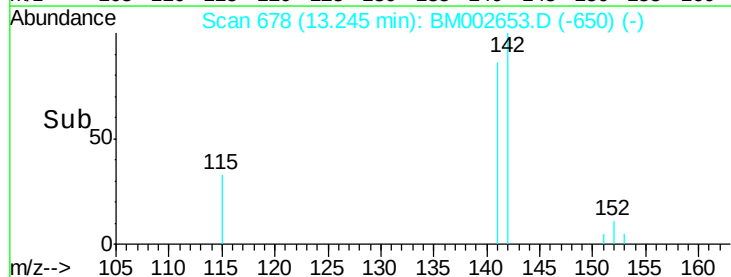
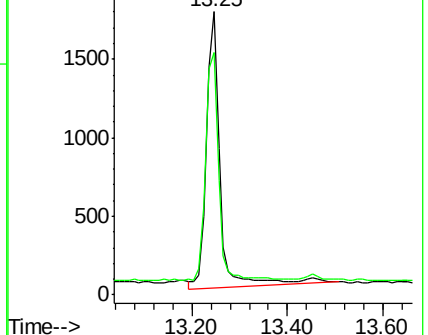
142 100

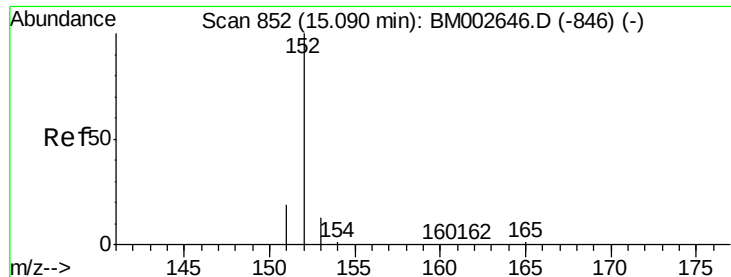
141 93.3 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#9

Acenaphthylene

Concen: 0.05 ng/ul

RT: 15.09 min Scan# 852

Delta R.T. 0.00 min

Lab File: BM002653.D

Acq: 03 Sep 2015 18:14

Instrument :

BNA_M

ClientSampleId :

MDL-03-W

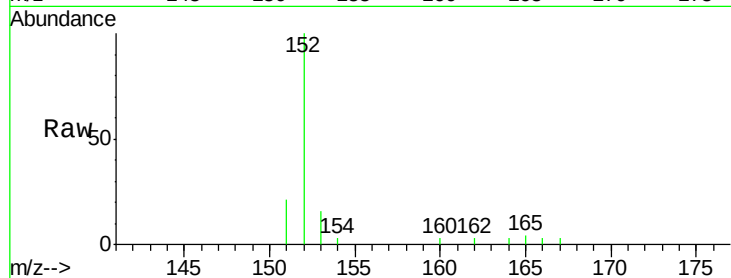
Tot Ion:152 Resp: 4017

Ion Ratio Lower Upper

152 100

151 21.5 16.8 25.2

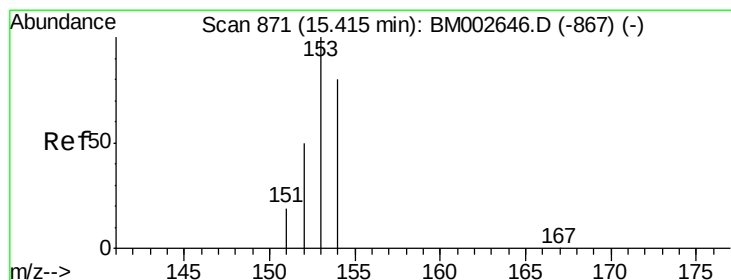
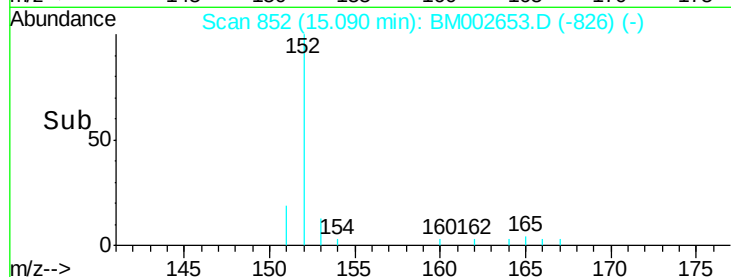
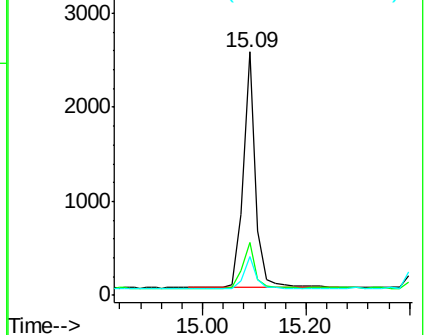
153 15.7 11.3 16.9



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: 0.05 ng/ul

RT: 15.42 min Scan# 871

Delta R.T. 0.00 min

Lab File: BM002653.D

Acq: 03 Sep 2015 18:14

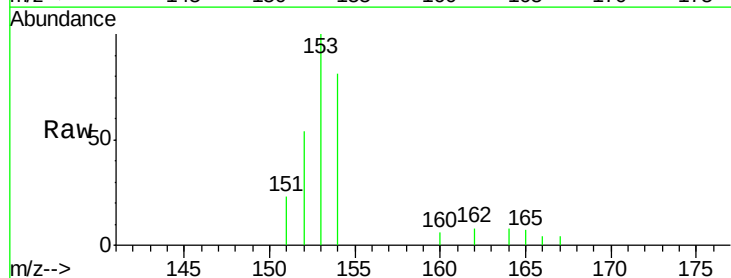
Tgt Ion:153 Resp: 2827

Ion Ratio Lower Upper

153 100

152 53.9 42.3 63.5

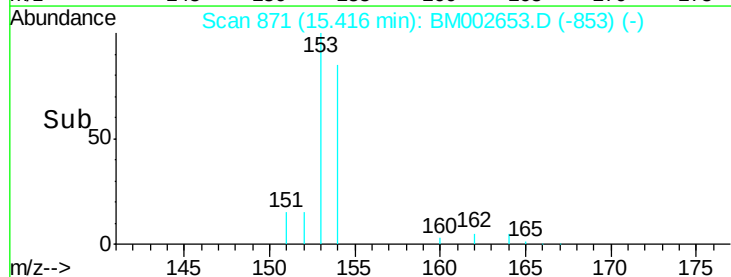
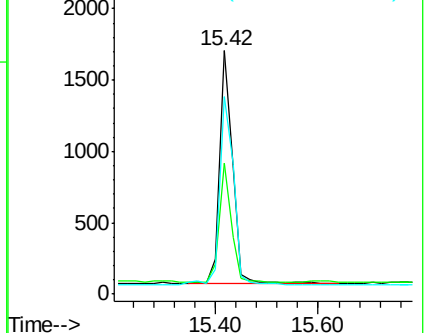
154 81.0 64.7 97.1

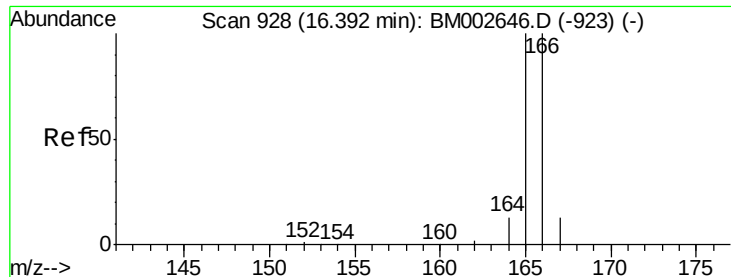


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

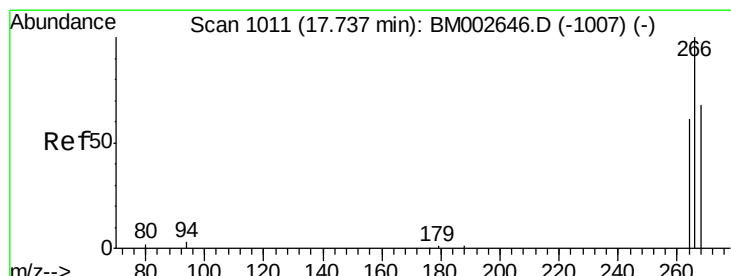
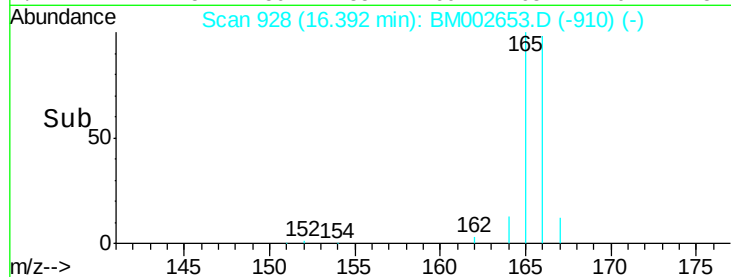
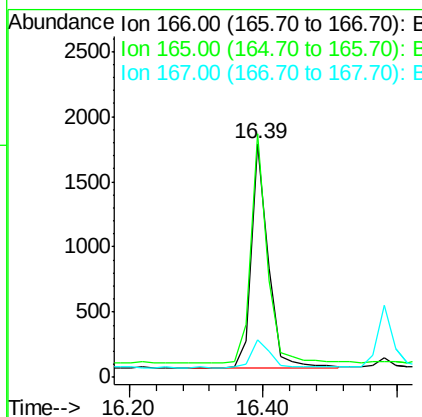
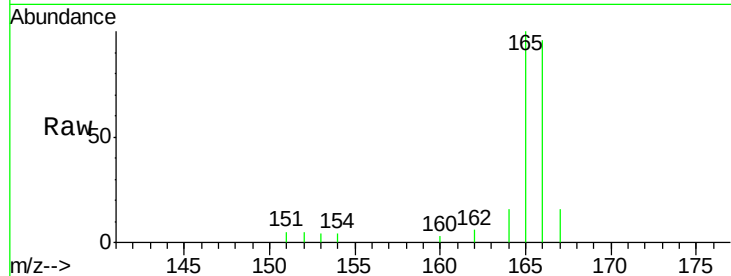




#11
 Fluorene
 Concen: 0.05 ng/ul
 RT: 16.39 min Scan# 928
 Delta R.T. 0.00 min
 Lab File: BM002653.D
 Acq: 03 Sep 2015 18:14

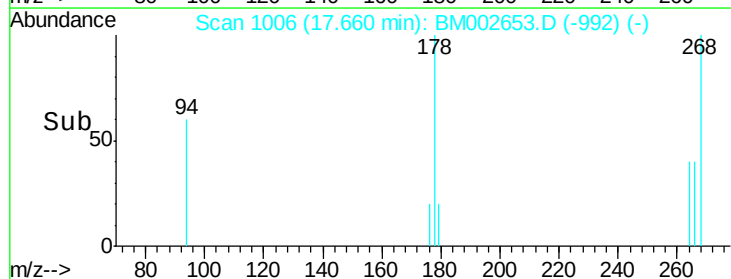
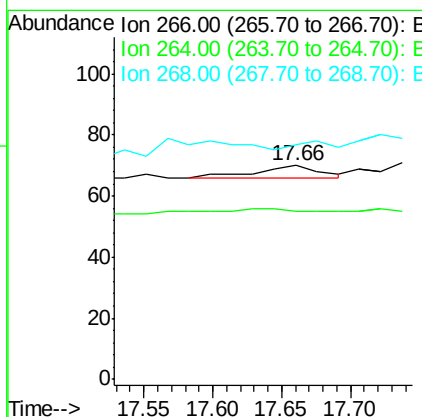
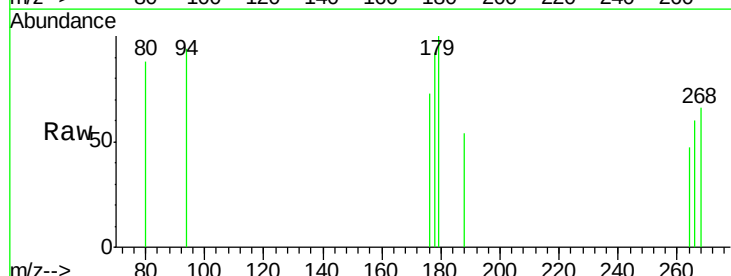
Instrument :
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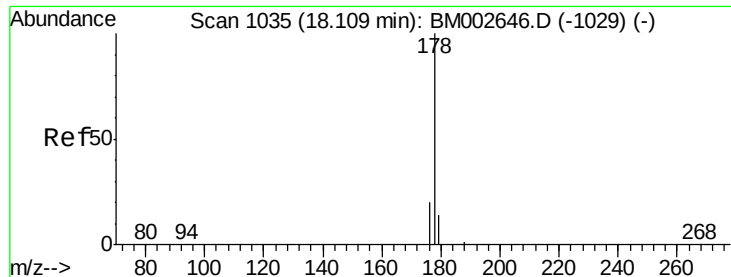
Tot Ion:166 Resp: 3013
 Ion Ratio Lower Upper
 166 100
 165 104.1 87.6 131.4
 167 16.2 11.1 16.7



#13
 Pentachlorophenol
 Concen: 0.01 ng/ul
 RT: 17.66 min Scan# 1006
 Delta R.T. -0.08 min
 Lab File: BM002653.D
 Acq: 03 Sep 2015 18:14

Tgt Ion:266 Resp: 12
 Ion Ratio Lower Upper
 266 100
 264 0.0 53.5 80.3#
 268 0.0 54.2 81.2#

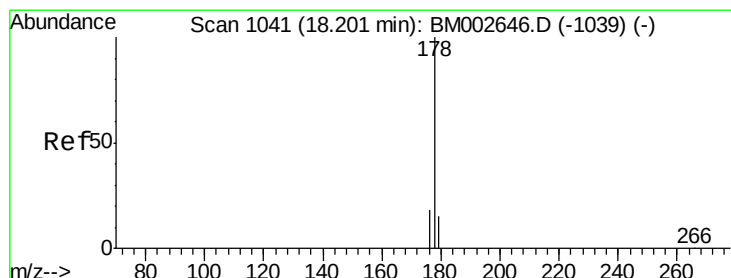
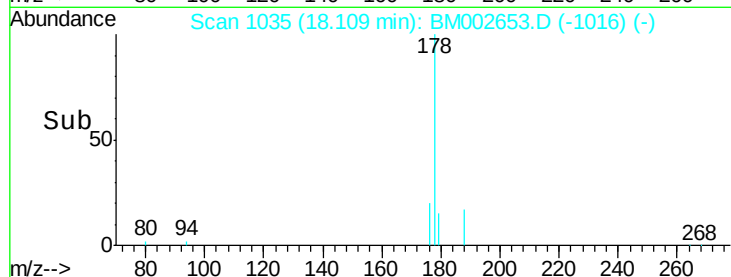
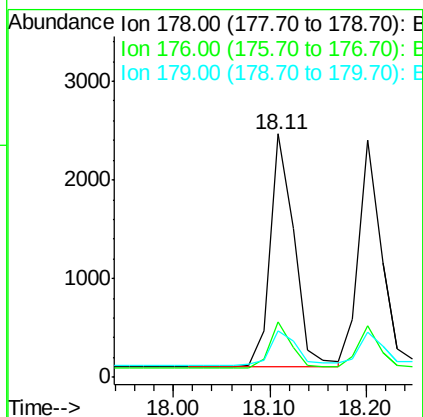
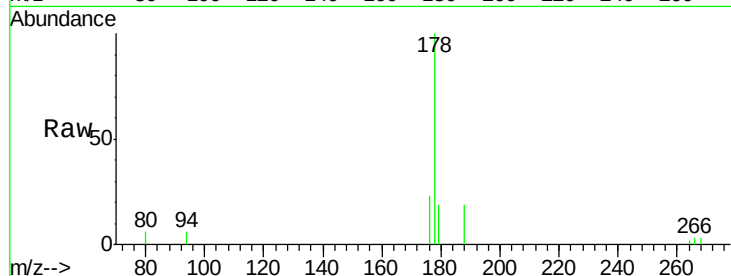




#14
Phenanthrene
Concen: 0.06 ng/ul
RT: 18.11 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BM002653.D
Acq: 03 Sep 2015 18:14

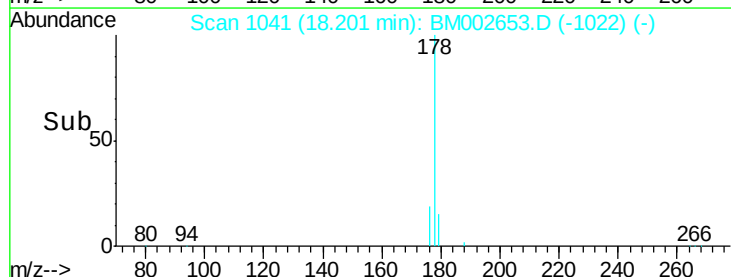
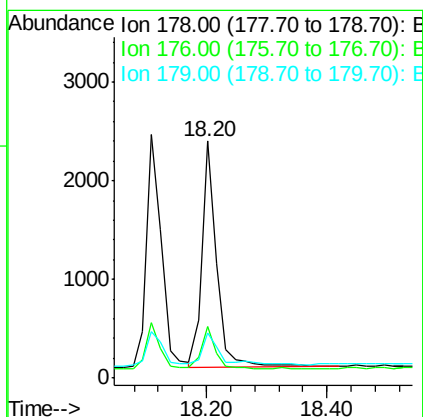
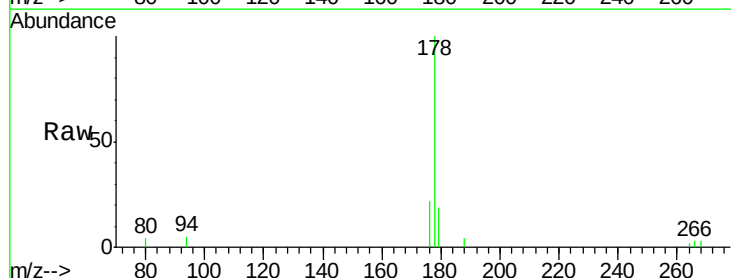
Instrument :
BNA_M
ClientSampleId :
MDL-03-W

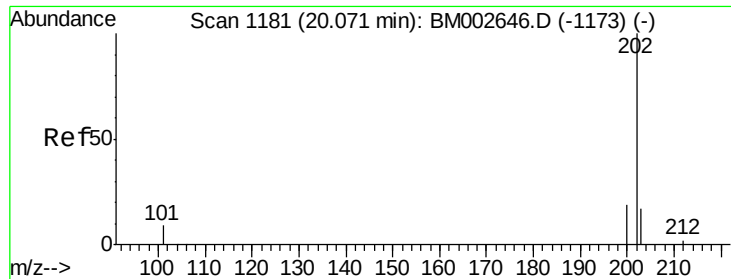
Tot Ion:178 Resp: 4148
Ion Ratio Lower Upper
178 100
176 22.7 16.2 24.4
179 18.9 12.8 19.2



#15
Anthracene
Concen: 0.05 ng/ul
RT: 18.20 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BM002653.D
Acq: 03 Sep 2015 18:14

Tgt Ion:178 Resp: 3901
Ion Ratio Lower Upper
178 100
176 21.7 15.8 23.8
179 19.0 13.3 19.9

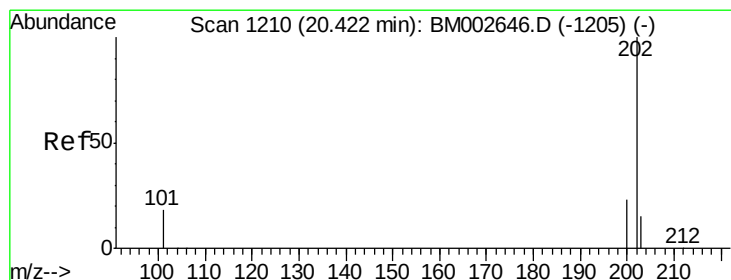
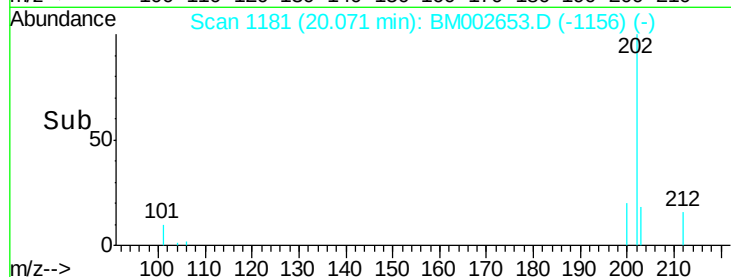
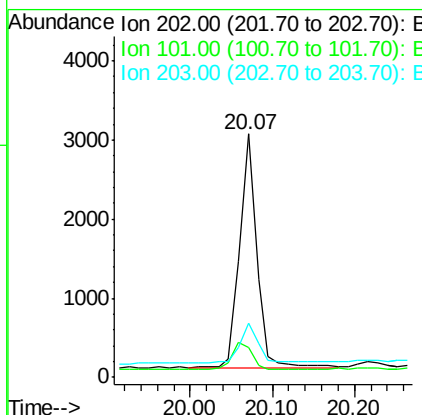
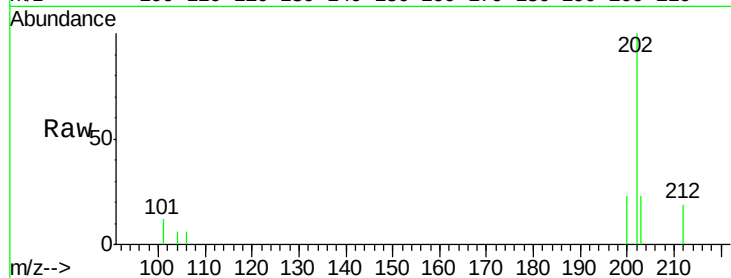




#17
Fluoranthene
Concen: 0.06 ng/ul
RT: 20.07 min Scan# 1181
Delta R.T. 0.00 min
Lab File: BM002653.D
Acq: 03 Sep 2015 18:14

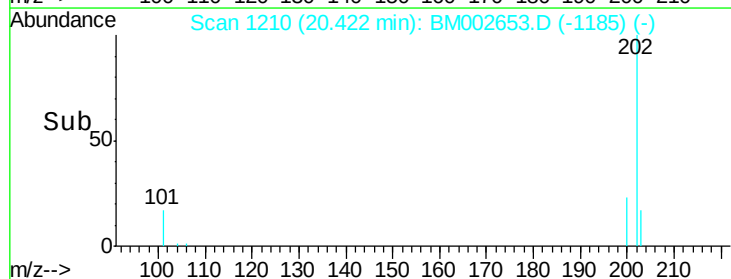
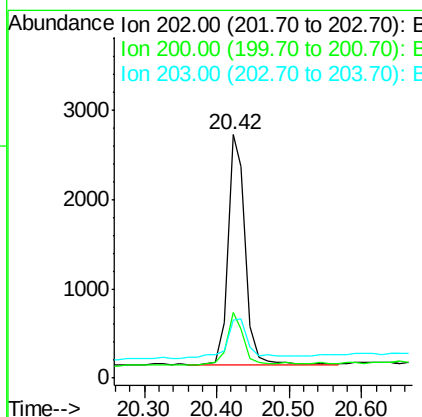
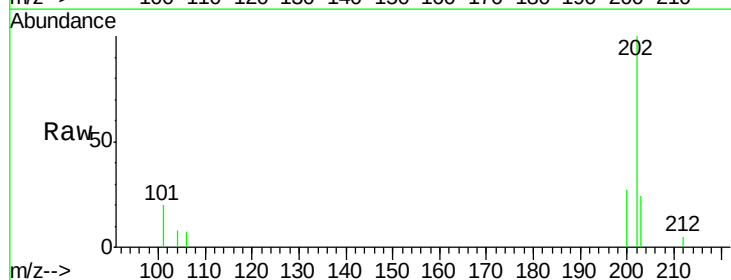
Instrument :
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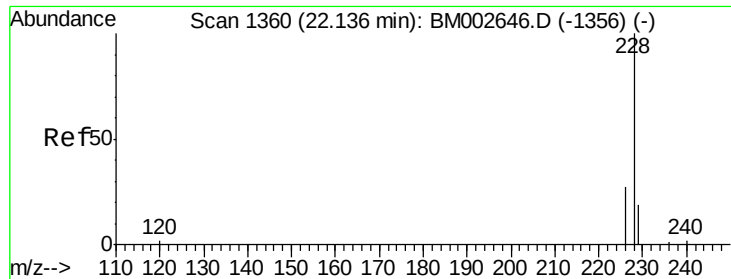
Tot Ion:202 Resp: 4296
Ion Ratio Lower Upper
202 100
101 12.4 0.0 33.1
203 22.5 0.0 37.2



#19
Pyrene
Concen: 0.06 ng/ul
RT: 20.42 min Scan# 1210
Delta R.T. 0.00 min
Lab File: BM002653.D
Acq: 03 Sep 2015 18:14

Tgt Ion:202 Resp: 4396
Ion Ratio Lower Upper
202 100
200 26.7 18.0 27.0
203 23.6 13.8 20.6#





#20

Benzo(a)anthracene

Concen: 0.06 ng/ul

RT: 22.14 min Scan# 1360

Delta R.T. 0.00 min

Lab File: BM002653.D

Acq: 03 Sep 2015 18:14

Instrument :

BNA_M

ClientSampleId :

MDL-03-W

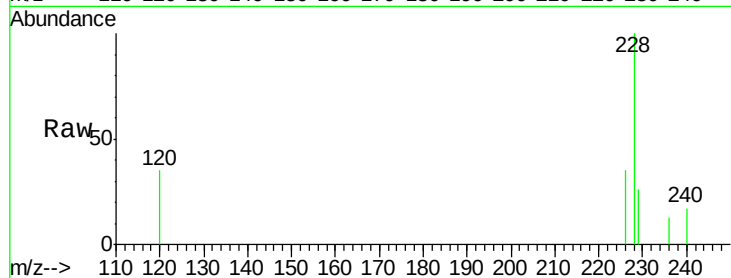
Tot Ion:228 Resp: 3961

Ion Ratio Lower Upper

228 100

226 35.0 23.0 34.4#

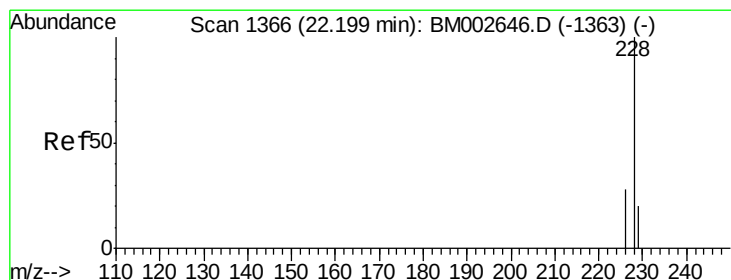
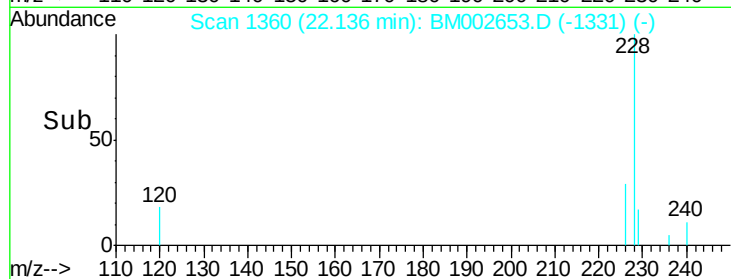
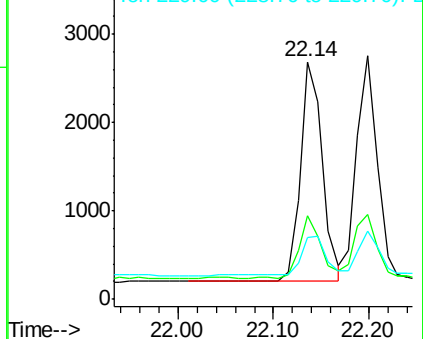
229 26.2 15.2 22.8#



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



#21

Chrysene

Concen: 0.06 ng/ul

RT: 22.20 min Scan# 1366

Delta R.T. 0.00 min

Lab File: BM002653.D

Acq: 03 Sep 2015 18:14

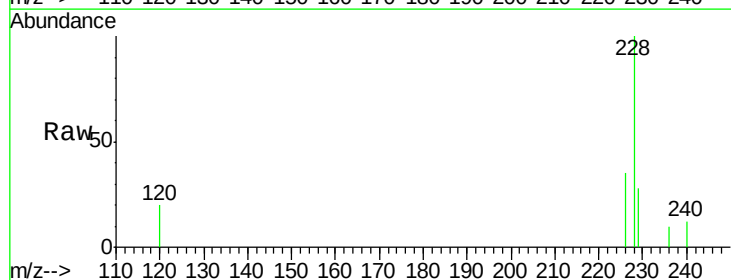
Tgt Ion:228 Resp: 4002

Ion Ratio Lower Upper

228 100

226 34.9 25.7 38.5

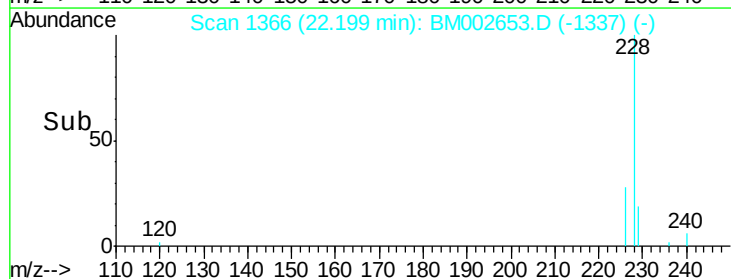
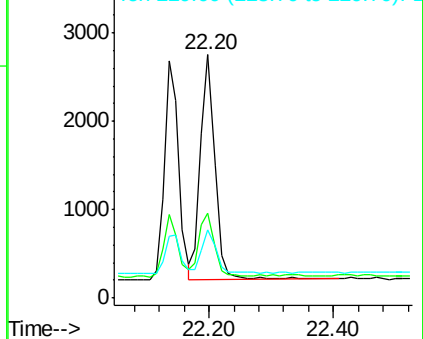
229 28.1 15.2 22.8#

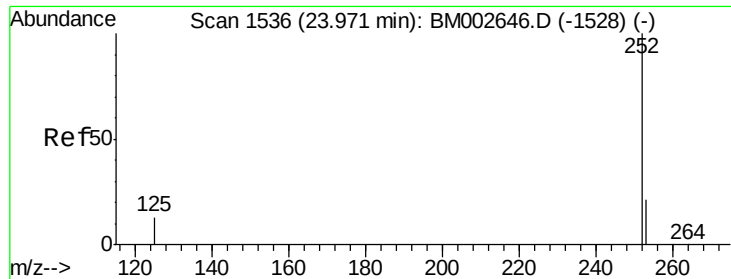


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#23

Benzo(b)fluoranthene

Concen: 0.06 ng/ul

RT: 23.97 min Scan# 1536

Delta R.T. 0.00 min

Lab File: BM002653.D

Acq: 03 Sep 2015 18:14

Instrument :

BNA_M

ClientSampleId :

MDL-03-W

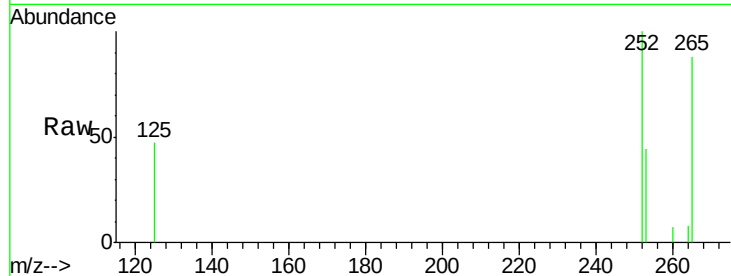
Tot Ion:252 Resp: 4183

Ion Ratio Lower Upper

252 100

253 43.8 0.0 48.0

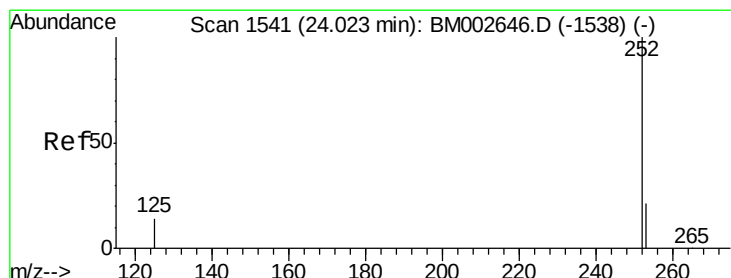
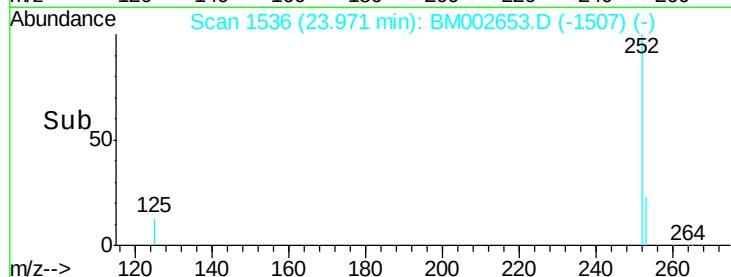
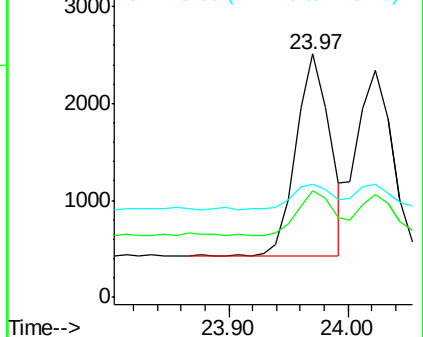
125 46.6 0.0 36.6#



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: 0.06 ng/ul

RT: 24.02 min Scan# 1541

Delta R.T. 0.00 min

Lab File: BM002653.D

Acq: 03 Sep 2015 18:14

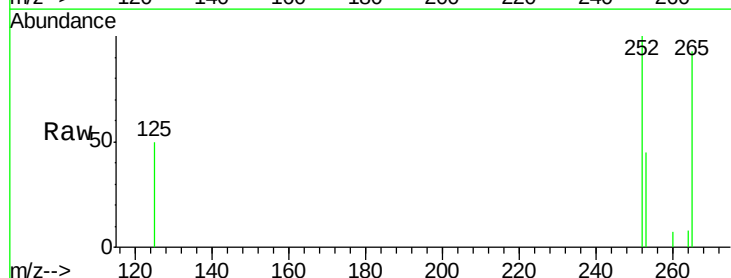
Tgt Ion:252 Resp: 4093

Ion Ratio Lower Upper

252 100

253 45.4 20.8 31.2#

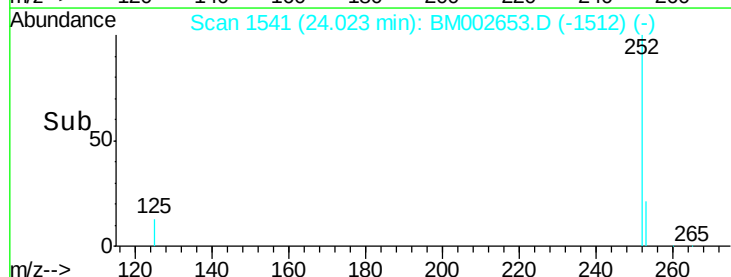
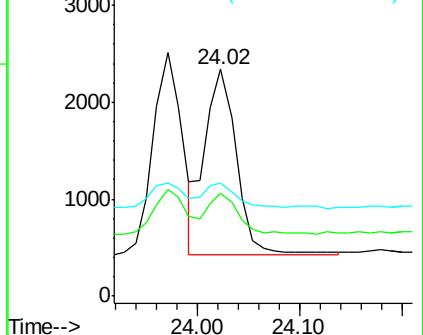
125 49.9 12.2 18.4#

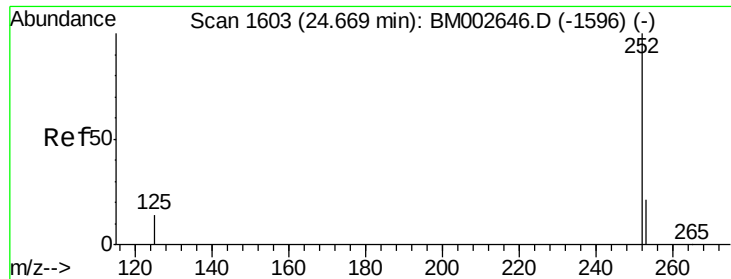


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#25

Benzo(a)pyrene

Concen: 0.06 ng/ul

RT: 24.67 min Scan# 1603

Delta R.T. 0.00 min

Lab File: BM002653.D

Acq: 03 Sep 2015 18:14

Instrument :

BNA_M

ClientSampled :

MDL-03-W

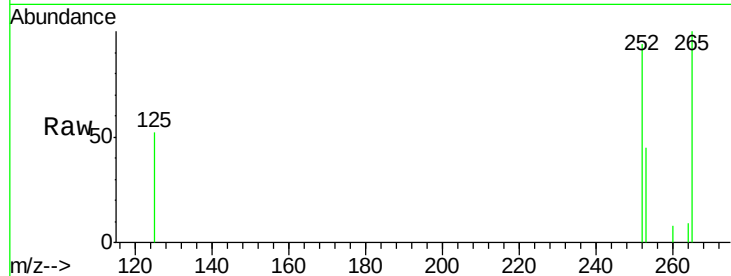
Tot Ion:252 Resp: 3811

Ion Ratio Lower Upper

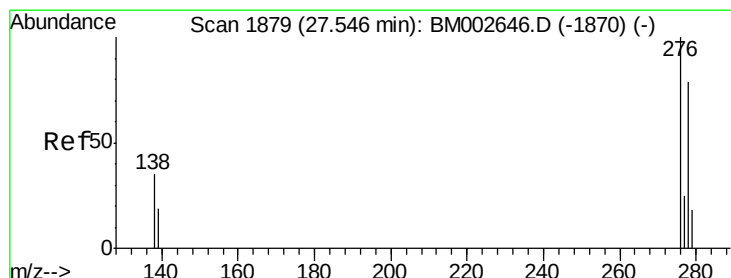
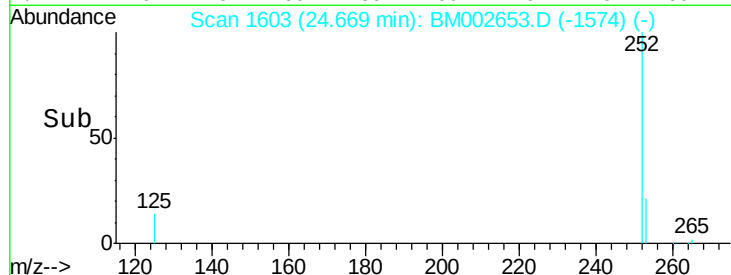
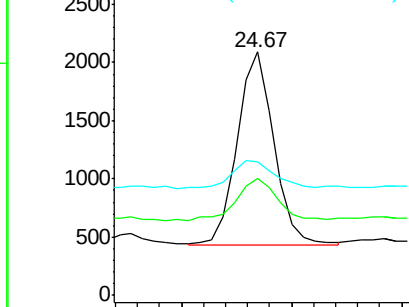
252 100

253 48.0 21.8 32.8#

125 54.8 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: 0.06 ng/ul

RT: 27.55 min Scan# 1879

Delta R.T. 0.00 min

Lab File: BM002653.D

Acq: 03 Sep 2015 18:14

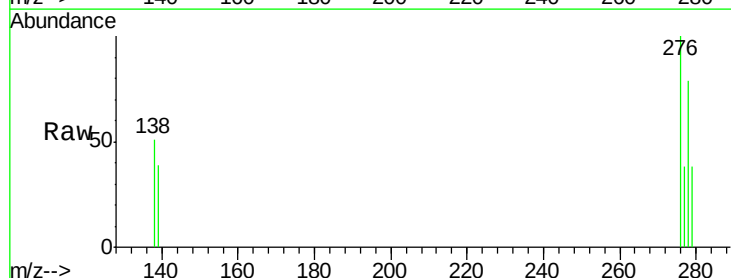
Tgt Ion:276 Resp: 4467

Ion Ratio Lower Upper

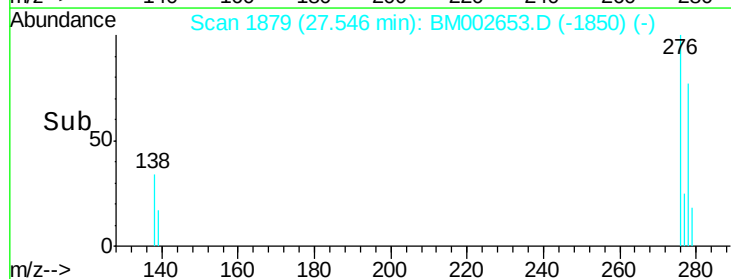
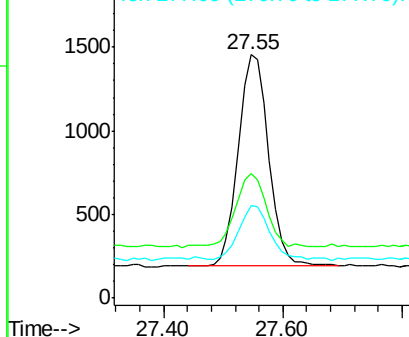
276 100

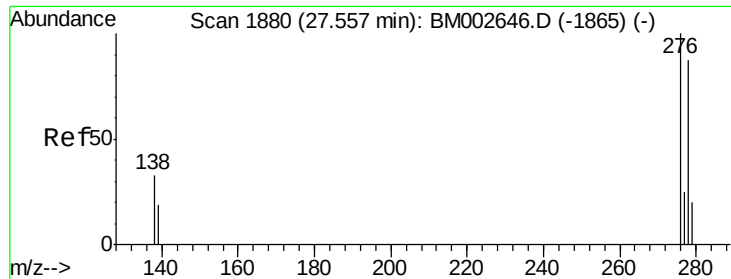
138 35.4 27.5 41.3

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: 0.06 ng/ul

RT: 27.56 min Scan# 1880

Delta R.T. 0.00 min

Lab File: BM002653.D

Acq: 03 Sep 2015 18:14

Instrument :

BNA_M

ClientSampleId :

MDL-03-W

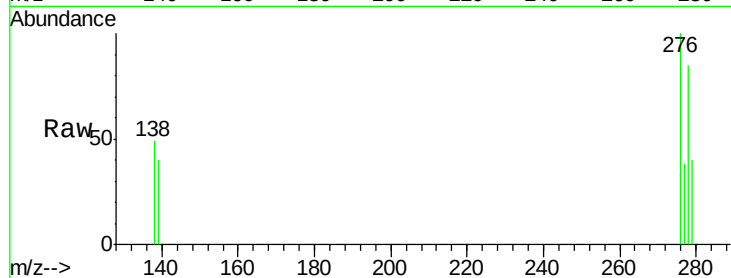
Tot Ion:278 Resp: 3670

Ion Ratio Lower Upper

278 100

139 46.7 21.7 32.5#

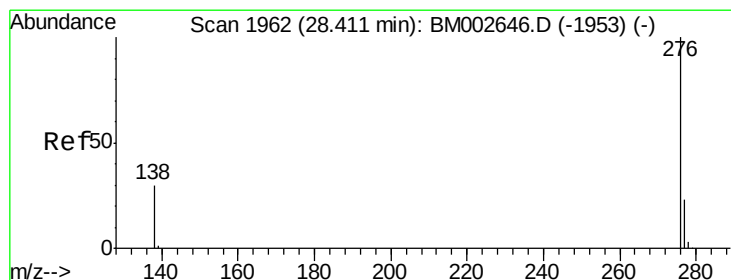
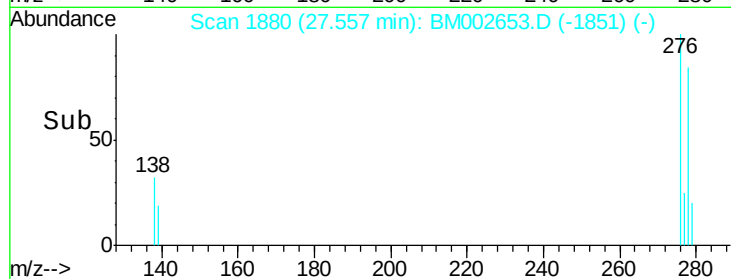
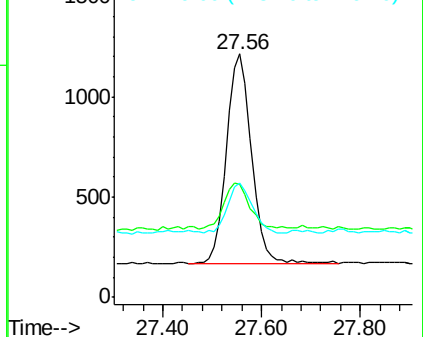
279 46.9 21.9 32.9#



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: 28.41 min Scan# 1962

Delta R.T. 0.00 min

Lab File: BM002653.D

Acq: 03 Sep 2015 18:14

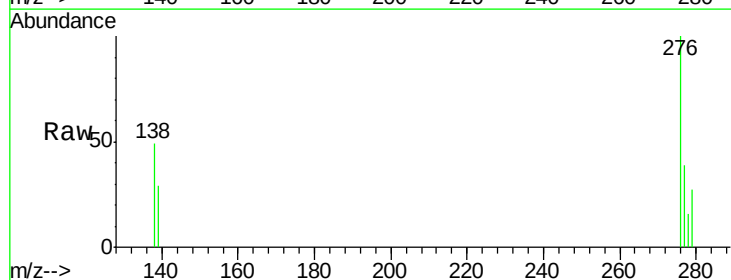
Tgt Ion:276 Resp: 3913

Ion Ratio Lower Upper

276 100

277 38.5 21.3 31.9#

138 49.1 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

