

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092815\
 Data File : BM002752.D
 Acq On : 29 Sep 2015 02:22
 Operator : UM/IZ
 Sample : G3798-16
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9G70

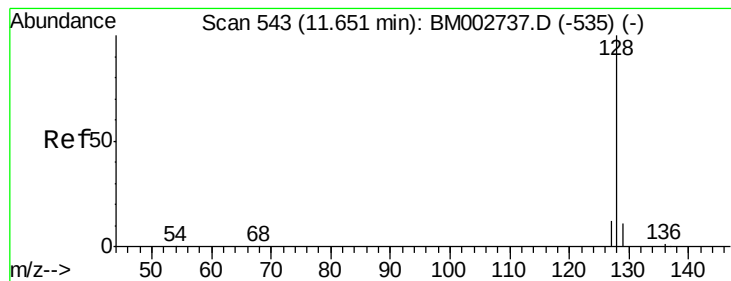
Quant Time: Sep 29 04:42:33 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM092415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 29 02:52:19 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.74	152	8677	0.40	ng/ul	0.00
4) Naphthalene-d8	11.60	136	33677	0.40	ng/ul	0.00
8) Acenaphthene-d10	15.33	164	17527	0.40	ng/ul	0.00
12) Phenanthrene-d10	18.03	188	37806	0.40	ng/ul	0.00
18) Chrysene-d12	22.13	240	37604	0.40	ng/ul	0.00
22) Perylene-d12	24.73	264	36219	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
2) 1,4-Dioxane-d8	3.80	96	19389	2.16	ng/uL	0.00
6) 2-Methylnaphthalene-d10	13.13	152	6579	0.13	ng/ul	0.00
16) Fluoranthene-d10	20.01	212	10936	0.12	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Naphthalene	11.65	128	2407	0.03	ng/ul#	88
7) 2-Methylnaphthalene	13.20	142	2234	0.04	ng/ul	99
9) Acenaphthylene	15.06	152	6790	0.08	ng/ul	98
10) Acenaphthene	15.38	153	1173	0.02	ng/ul#	89
11) Fluorene	16.36	166	2842	0.04	ng/ul#	96
13) Pentachlorophenol	17.71	266	205	0.03	ng/ul#	81
14) Phenanthrene	18.08	178	12969	0.11	ng/ul	98
15) Anthracene	18.08	178	12969	0.11	ng/ul	99
17) Fluoranthene	20.03	202	28512	0.21	ng/ul	97
19) Pyrene	20.40	202	23975	0.16	ng/ul#	92
20) Benzo(a)anthracene	22.10	228	11119	0.09	ng/ul#	78
21) Chrysene	22.16	228	12348	0.10	ng/ul#	78
23) Benzo(b)fluoranthene	23.92	252	24444	0.19	ng/ul#	57
24) Benzo(k)fluoranthene	23.92	252	24444	0.20	ng/ul#	59
25) Benzo(a)pyrene	24.61	252	11520	0.10	ng/ul#	38
26) Indeno(1,2,3-cd)pyrene	27.47	276	9386	0.07	ng/ul	92
27) Dibenzo(a,h)anthracene	27.46	278	2150	0.02	ng/ul#	1
28) Benzo(a,h,i)perylene	28.33	276	11956	0.11	ng/ul#	70

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



#5

Naphthalene

Concen: 0.03 ng/ul

RT: 11.65 min Scan# 543

Delta R.T. -0.00 min

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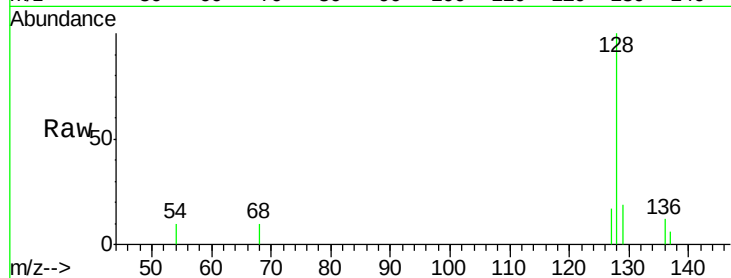
Tot Ion:128 Resp: 2407

Ion Ratio Lower Upper

128 100

129 18.6 9.8 14.8#

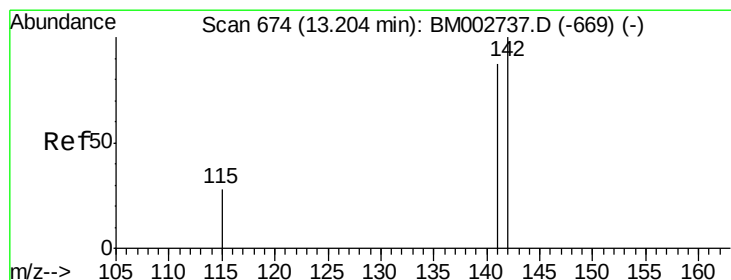
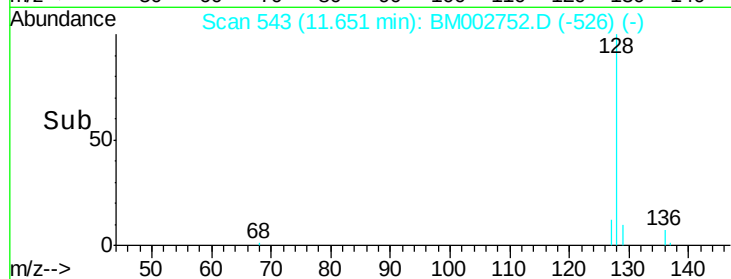
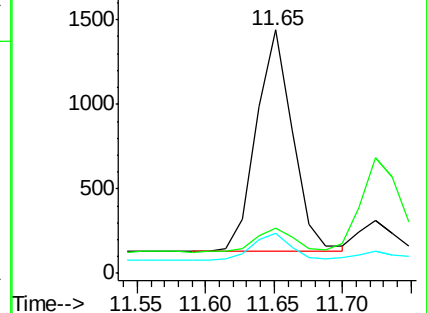
127 16.6 10.7 16.1#



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: 13.20 min Scan# 674

Delta R.T. -0.00 min

Lab File: BM002752.D

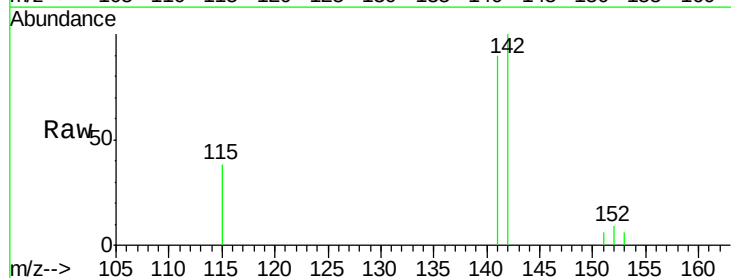
Acq: 29 Sep 2015 02:22

Tgt Ion:142 Resp: 2234

Ion Ratio Lower Upper

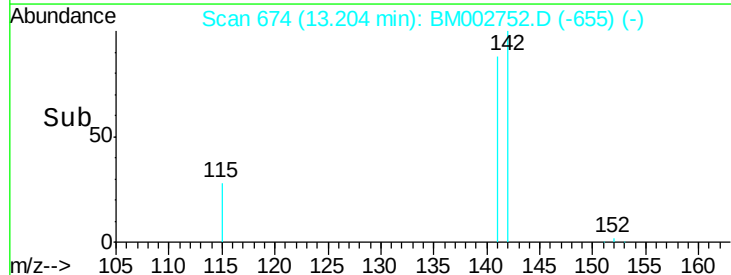
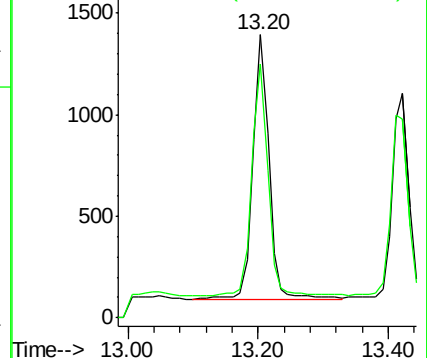
142 100

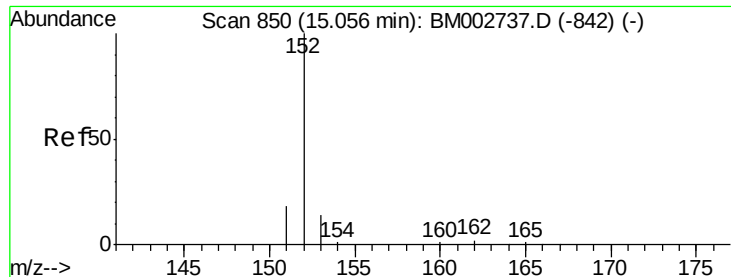
141 89.2 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#9

Acenaphthylene

Concen: 0.08 ng/ul

RT: 15.06 min Scan# 850

Delta R.T. -0.00 min

Lab File: BM002752.D

Acq: 29 Sep 2015 02:22

Instrument :

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D9G70

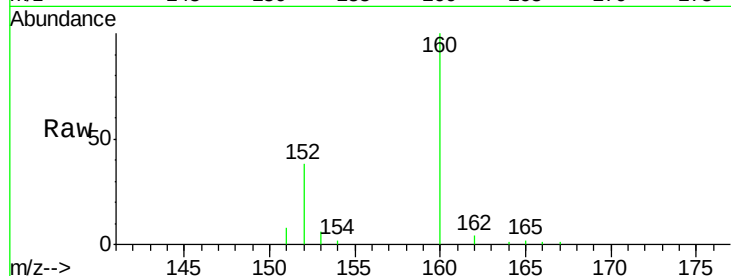
Tot Ion:152 Resp: 6790

Ion Ratio Lower Upper

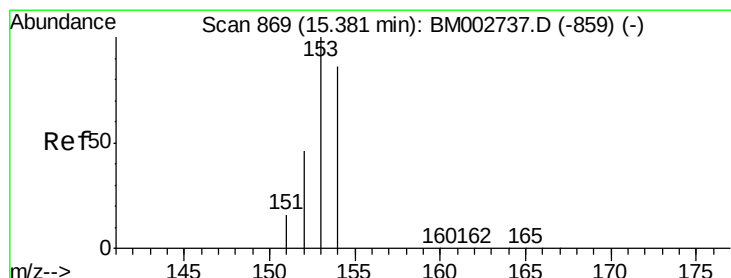
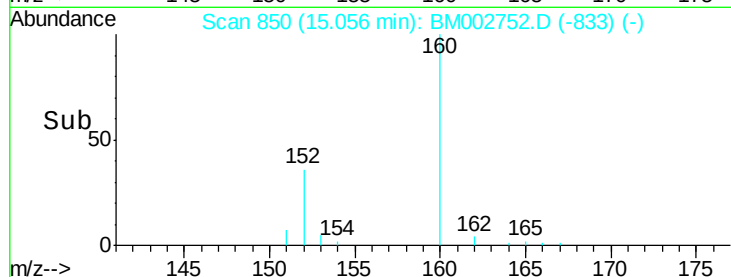
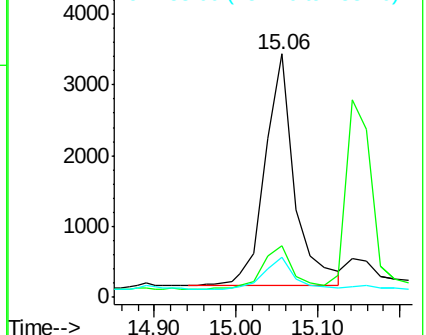
152 100

151 21.0 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: 0.02 ng/ul

RT: 15.38 min Scan# 869

Delta R.T. -0.00 min

Lab File: BM002752.D

Acq: 29 Sep 2015 02:22

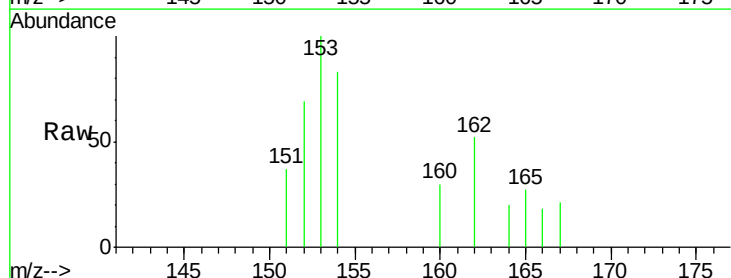
Tgt Ion:153 Resp: 1173

Ion Ratio Lower Upper

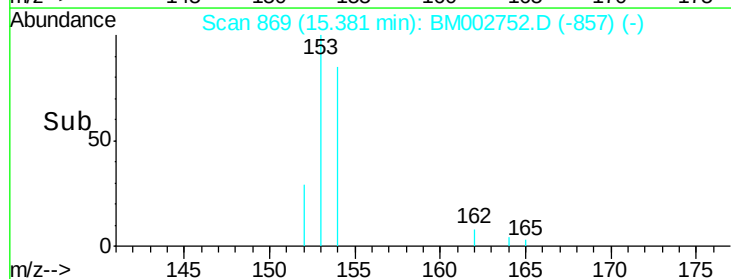
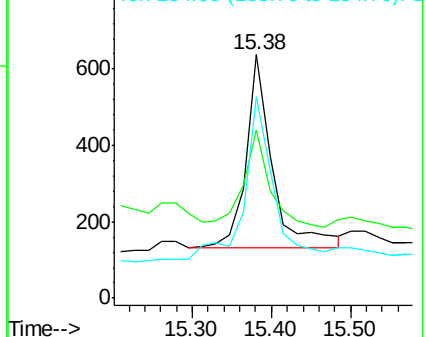
153 100

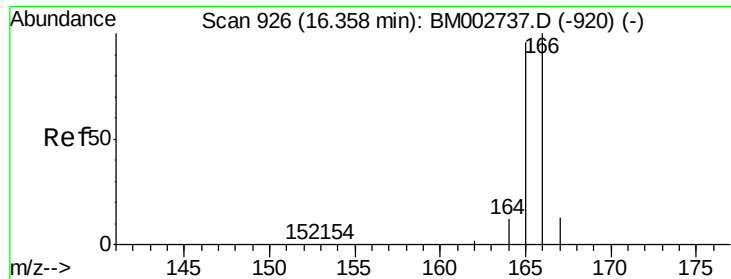
152 69.3 42.3 63.5#

154 82.9 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

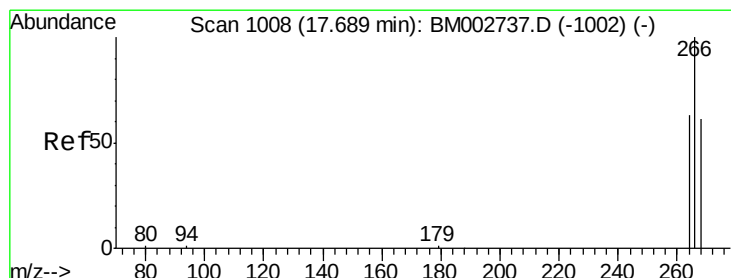
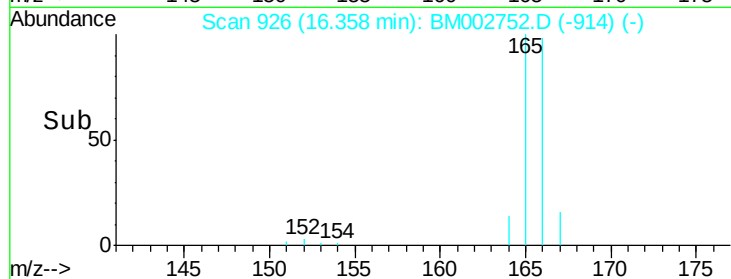
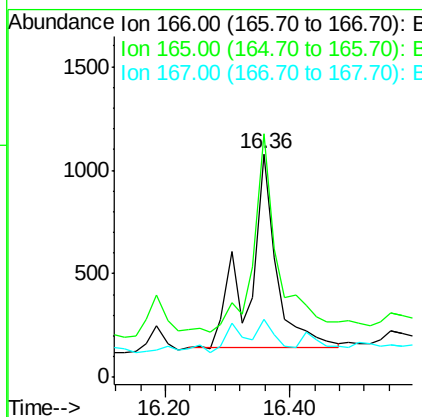
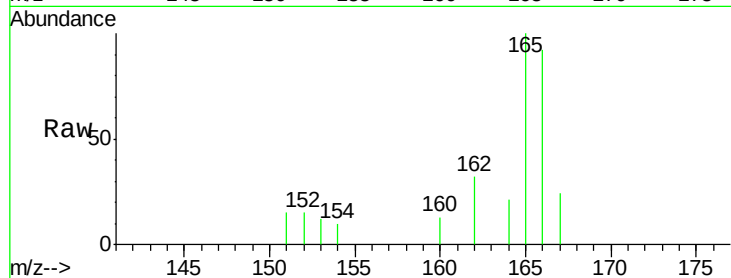




#11
Fluorene
 Concen: 0.04 ng/ul
 RT: 16.36 min Scan# 926
 Delta R.T. -0.00 min
 Lab File: BM002752.D
 Acq: 29 Sep 2015 02:22

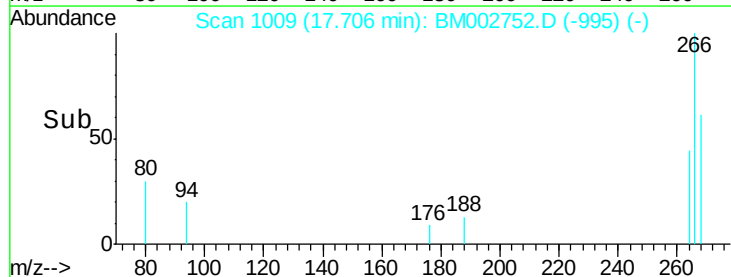
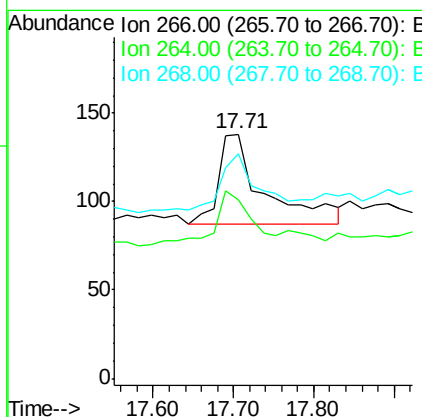
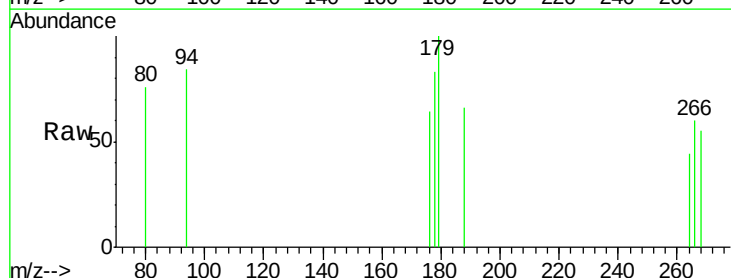
Instrument :
 BNA_M
 ClientSampleId :
 D9G70

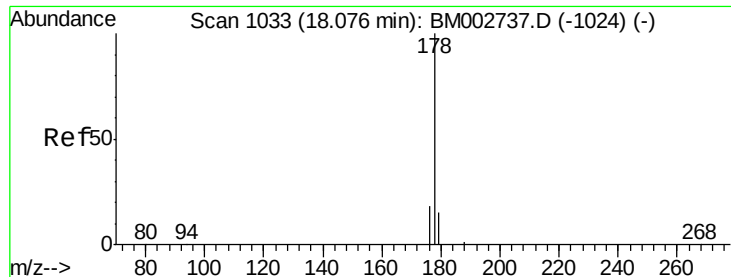
Tot Ion:166 Resp: 2842
 Ion Ratio Lower Upper
 166 100
 165 109.0 87.6 131.4
 167 25.8 11.1 16.7#



#13
Pentachlorophenol
 Concen: 0.03 ng/ul
 RT: 17.71 min Scan# 1009
 Delta R.T. 0.02 min
 Lab File: BM002752.D
 Acq: 29 Sep 2015 02:22

Tgt Ion:266 Resp: 205
 Ion Ratio Lower Upper
 266 100
 264 48.3 53.5 80.3#
 268 56.1 54.2 81.2





#14

Phenanthrene

Concen: 0.11 ng/ul

RT: 18.08 min Scan# 1033

Delta R.T. 0.00 min

Lab File: BM002752.D

Acq: 29 Sep 2015 02:22

Instrument :

BNA_M

ClientSampleId :

D9G70

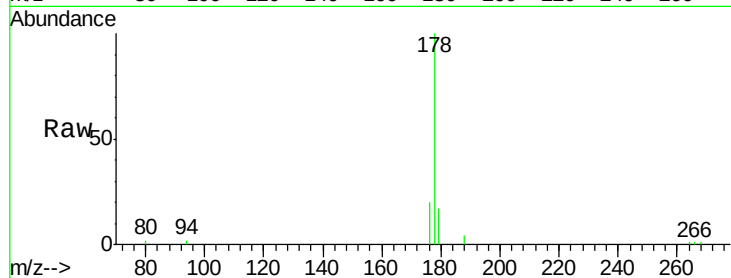
Tot Ion:178 Resp: 12969

Ion Ratio Lower Upper

178 100

176 20.0 16.2 24.4

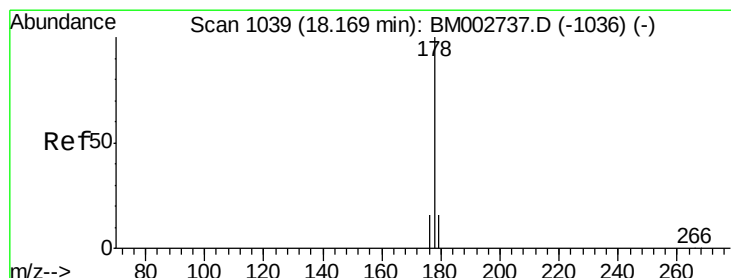
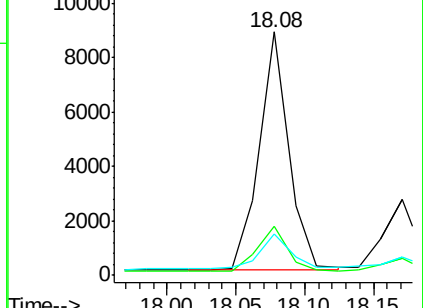
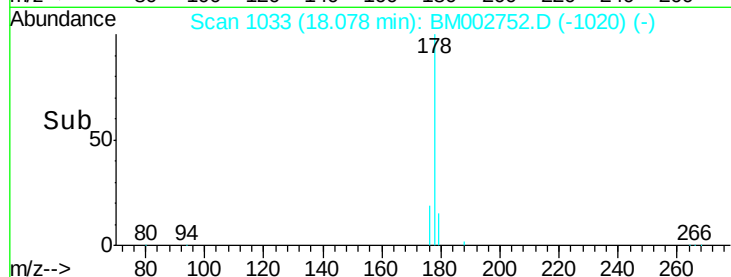
179 17.1 12.8 19.2



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: 0.11 ng/ul

RT: 18.08 min Scan# 1033

Delta R.T. -0.09 min

Lab File: BM002752.D

Acq: 29 Sep 2015 02:22

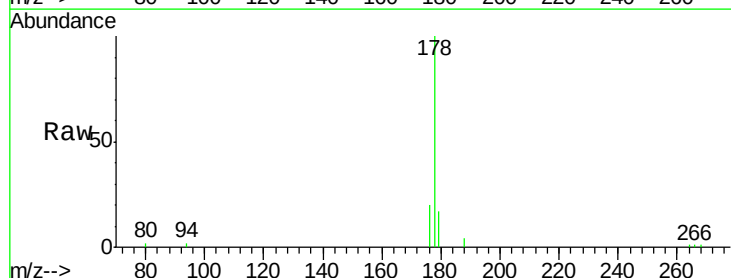
Tgt Ion:178 Resp: 12969

Ion Ratio Lower Upper

178 100

176 20.0 15.8 23.8

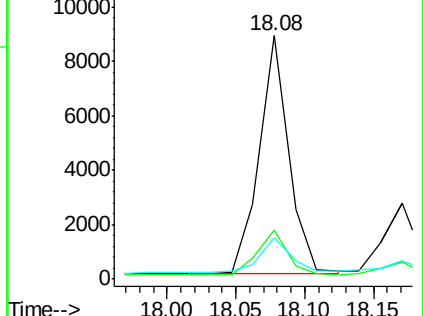
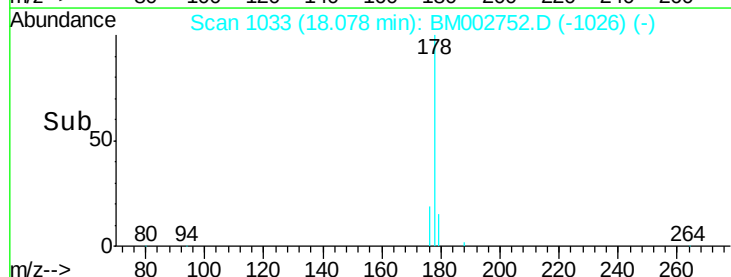
179 17.1 13.3 19.9

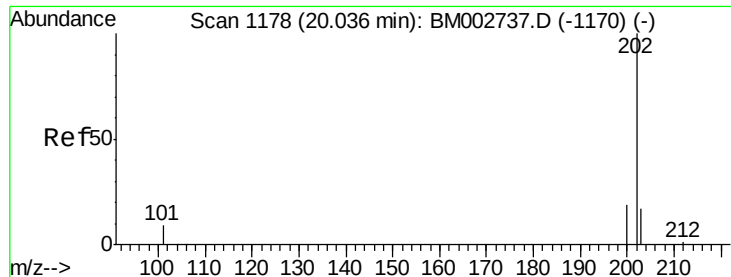


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

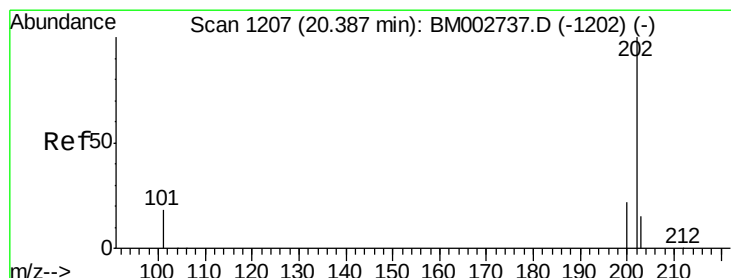
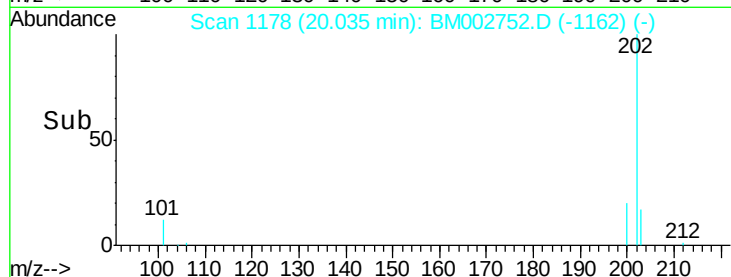
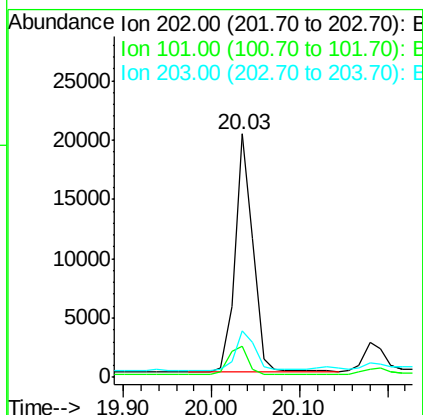
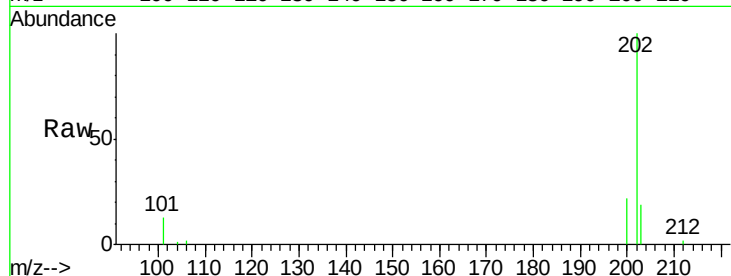




#17
Fluoranthene
Concen: 0.21 ng/ul
RT: 20.03 min Scan# 1178
Delta R.T. -0.00 min
Lab File: BM002752.D
Acq: 29 Sep 2015 02:22

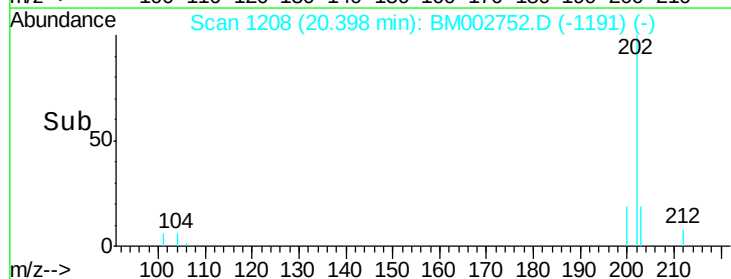
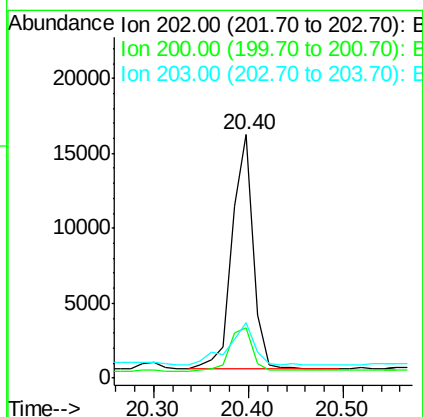
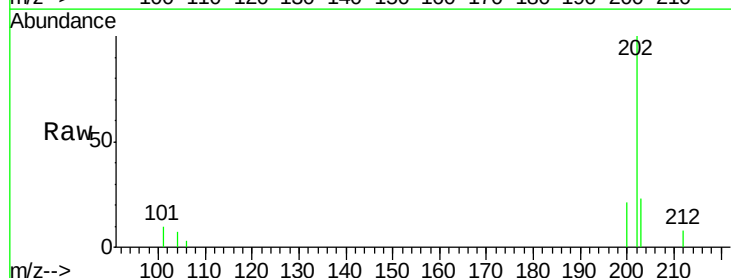
Instrument :
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D9G70

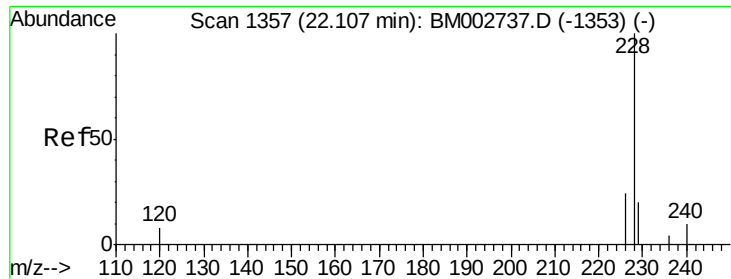
Tot Ion	Ratio	Lower	Upper
202	100		
101	12.9	0.0	33.1
203	19.2	0.0	37.2



#19
Pyrene
Concen: 0.16 ng/ul
RT: 20.40 min Scan# 1208
Delta R.T. 0.01 min
Lab File: BM002752.D
Acq: 29 Sep 2015 02:22

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.8	18.0	27.0
203	22.9	13.8	20.6#





#20

Benzo(a)anthracene

Concen: 0.09 ng/ul

RT: 22.10 min Scan# 1357

Delta R.T. -0.00 min

Lab File: BM002752.D

Acq: 29 Sep 2015 02:22

Instrument :

BNA_M

ClientSampleId :

D9G70

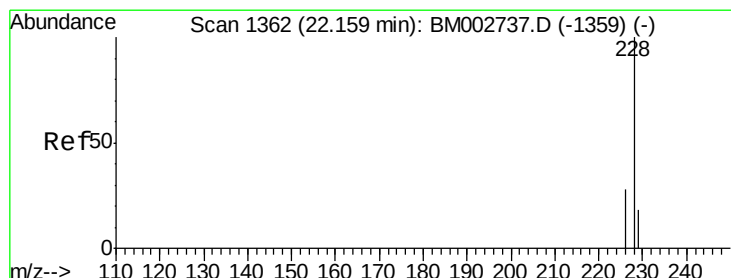
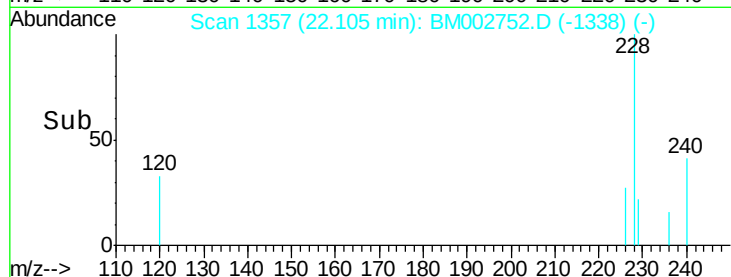
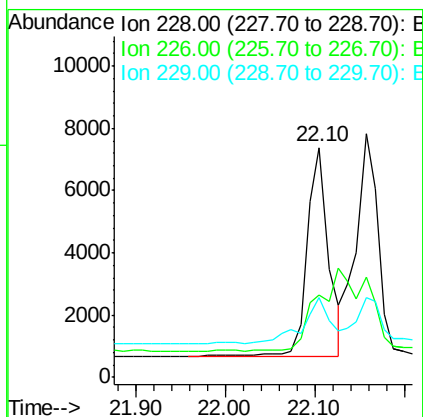
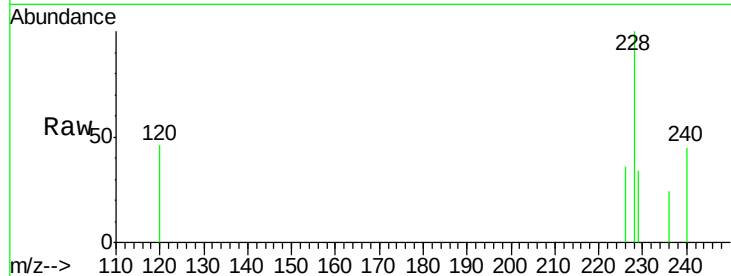
Tot Ion:228 Resp: 11119

Ion Ratio Lower Upper

228 100

226 36.0 23.0 34.4#

229 34.5 15.2 22.8#



#21

Chrysene

Concen: 0.10 ng/ul

RT: 22.16 min Scan# 1362

Delta R.T. -0.00 min

Lab File: BM002752.D

Acq: 29 Sep 2015 02:22

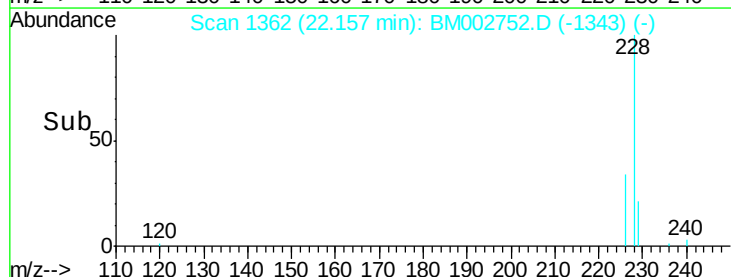
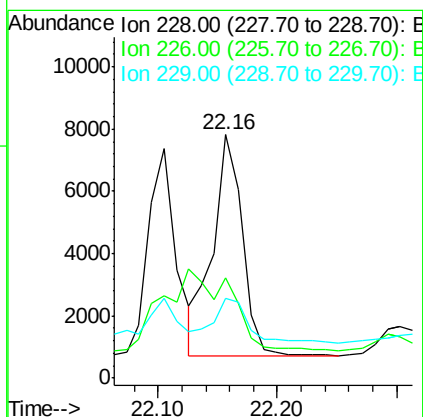
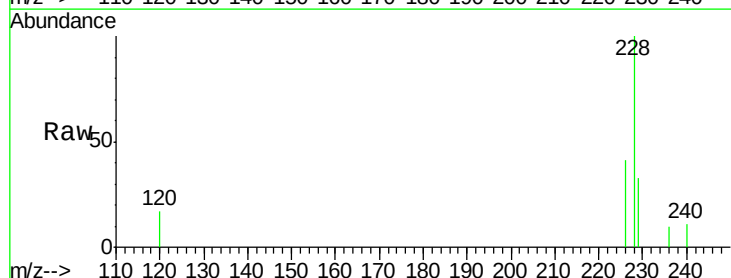
Tgt Ion:228 Resp: 12348

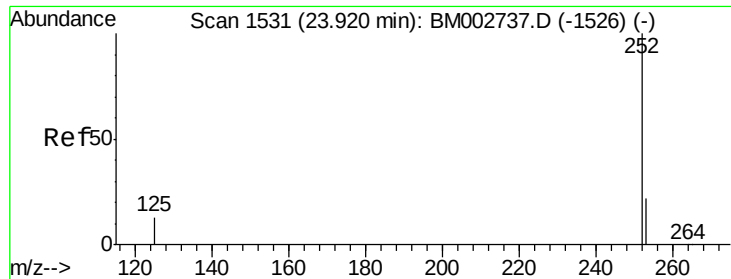
Ion Ratio Lower Upper

228 100

226 41.4 25.7 38.5#

229 32.8 15.2 22.8#





#23

Benzo(b)fluoranthene

Concen: 0.19 ng/ul

RT: 23.92 min Scan# 1531

Delta R.T. -0.00 min

Lab File: BM002752.D

Acq: 29 Sep 2015 02:22

Instrument :

BNA_M

ClientSampleId :

D9G70

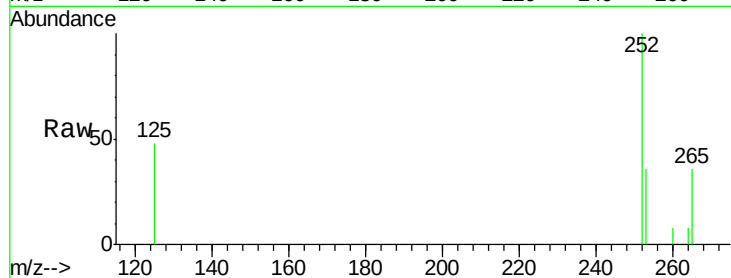
Tot Ion:252 Resp: 24444

Ion Ratio Lower Upper

252 100

253 35.8 0.0 48.0

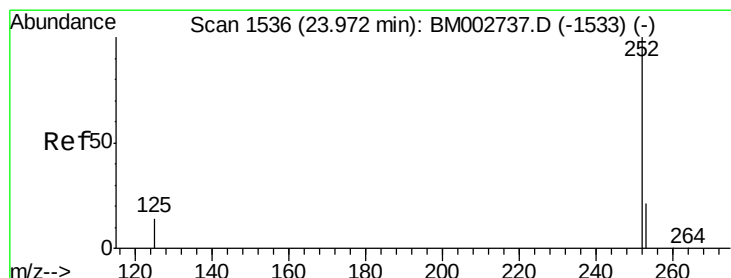
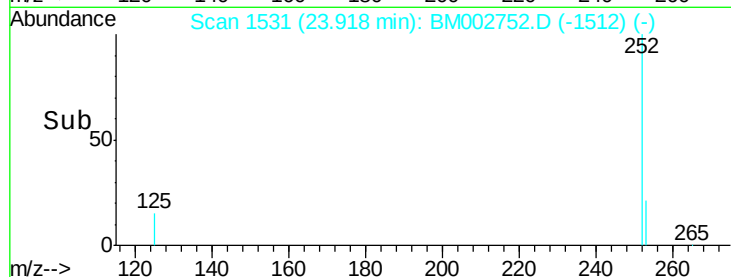
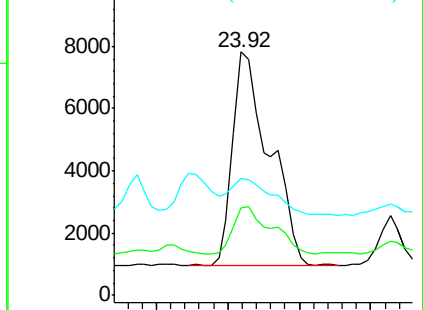
125 48.3 0.0 36.6#



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: 0.20 ng/ul

RT: 23.92 min Scan# 1531

Delta R.T. -0.05 min

Lab File: BM002752.D

Acq: 29 Sep 2015 02:22

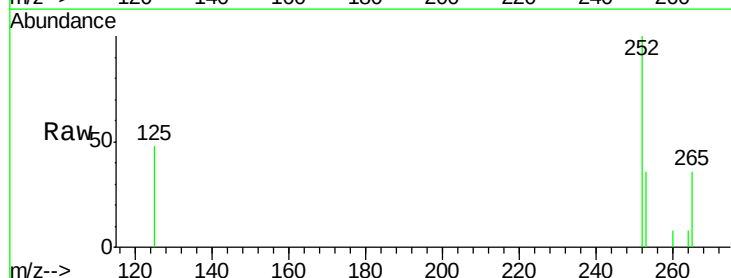
Tgt Ion:252 Resp: 24444

Ion Ratio Lower Upper

252 100

253 35.8 20.8 31.2#

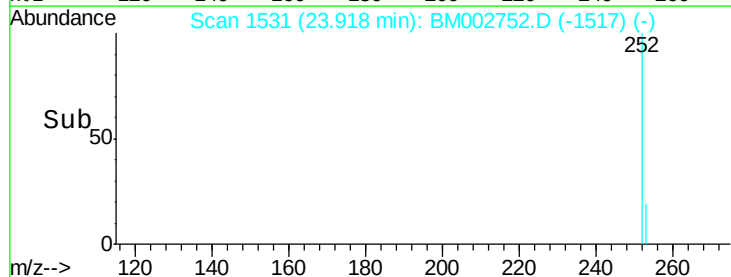
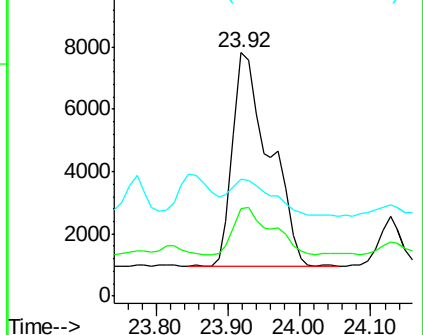
125 48.3 12.2 18.4#

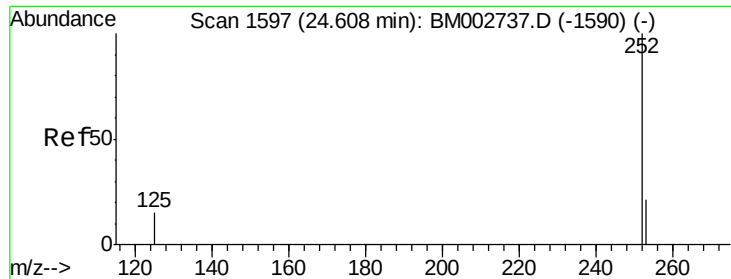


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#25

Benzo(a)pyrene

Concen: 0.10 ng/ul

RT: 24.61 min Scan# 1597

Delta R.T. -0.00 min

Lab File: BM002752.D

Acq: 29 Sep 2015 02:22

Instrument :

BNA_M

ClientSampleId :

D9G70

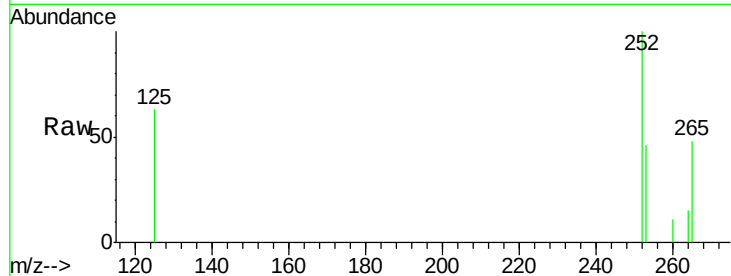
Tot Ion:252 Resp: 11520

Ion Ratio Lower Upper

252 100

253 46.3 21.8 32.8#

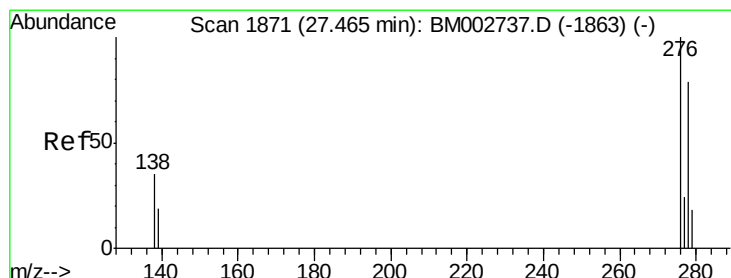
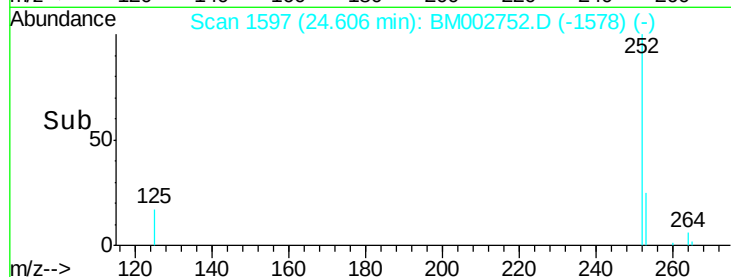
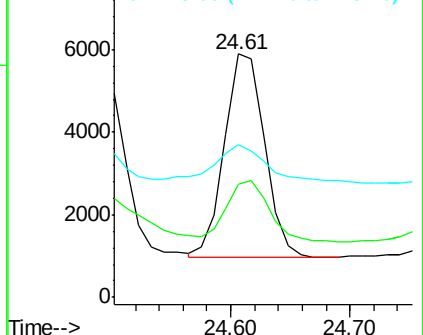
125 62.9 14.5 21.7#



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: 0.07 ng/ul

RT: 27.47 min Scan# 1872

Delta R.T. 0.01 min

Lab File: BM002752.D

Acq: 29 Sep 2015 02:22

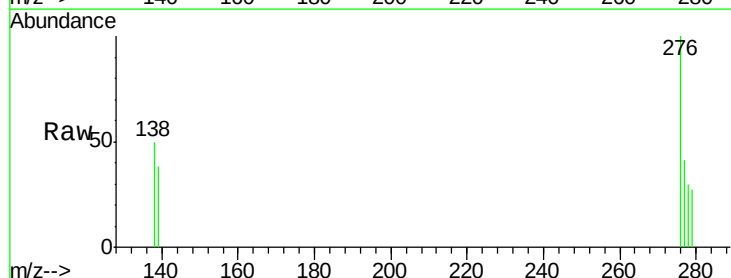
Tgt Ion:276 Resp: 9386

Ion Ratio Lower Upper

276 100

138 27.6 27.5 41.3

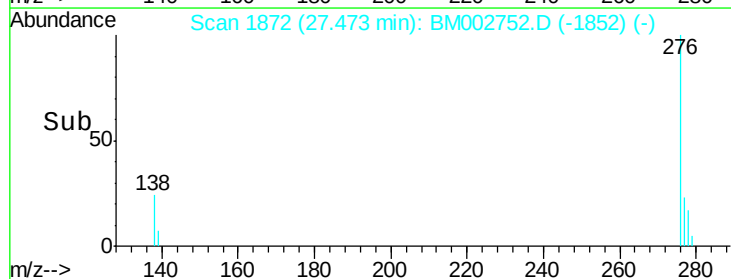
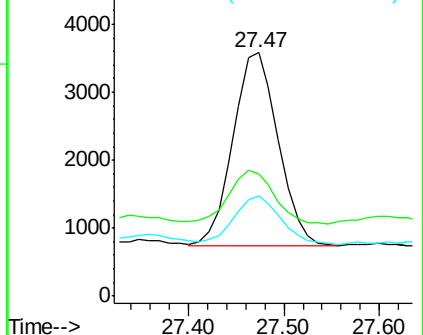
277 25.1 19.3 28.9

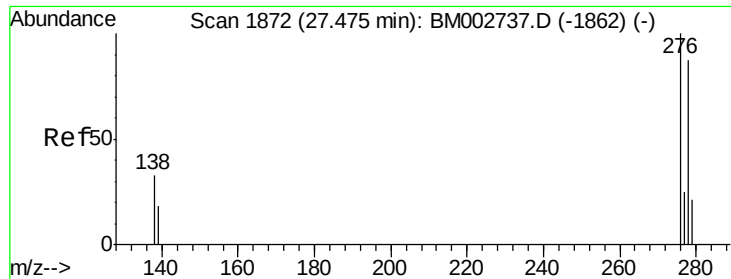


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

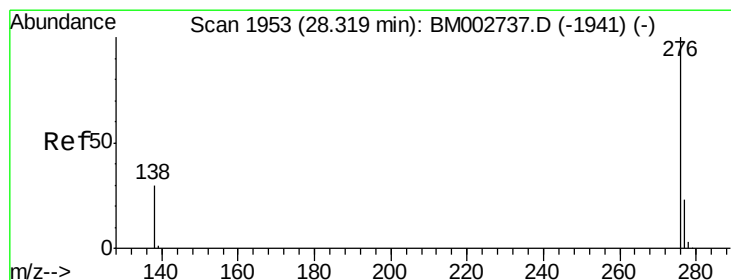
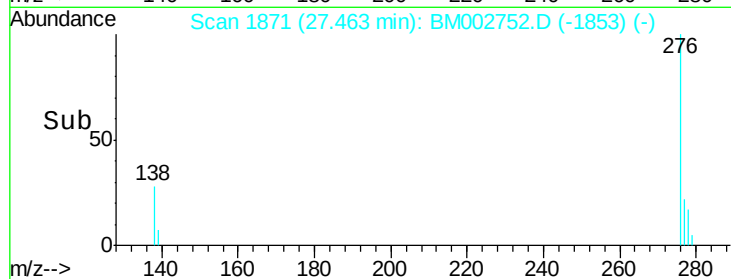
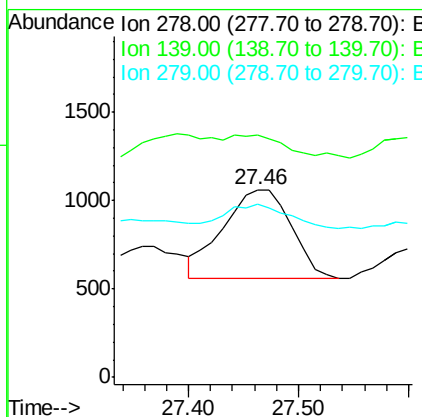
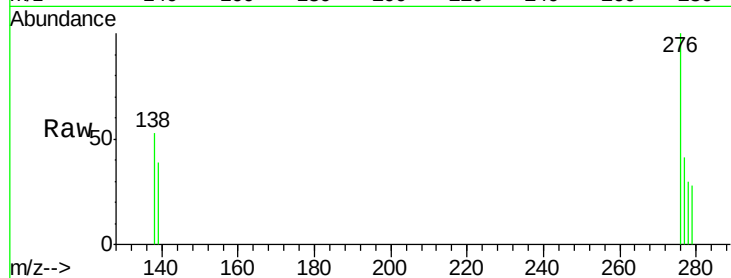




#27
Dibenzo(a,h)anthracene
Concen: 0.02 ng/ul
RT: 27.46 min Scan# 1871
Delta R.T. -0.01 min
Lab File: BM002752.D
Acq: 29 Sep 2015 02:22

Instrument :
BNA_M
ClientSampleId :
D9G70

Tot Ion:278 Resp: 2150
Ion Ratio Lower Upper
278 100
139 129.3 21.7 32.5#
279 92.1 21.9 32.9#



#28
Benzo(g,h,i)perylene
Concen: 0.11 ng/ul
RT: 28.33 min Scan# 1954
Delta R.T. 0.01 min
Lab File: BM002752.D
Acq: 29 Sep 2015 02:22

Tgt Ion:276 Resp: 11956
Ion Ratio Lower Upper
276 100
277 39.1 21.3 31.9#
138 51.4 25.5 38.3#

