

Data Path : Z:\HPCHEM1\BNA_M\Data\BM010715\
 Data File : BM000135.D
 Acq On : 07 Jan 2015 20:00
 Operator : TP/IZ
 Sample : BLK-S-MDL
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BLK-S-MDL

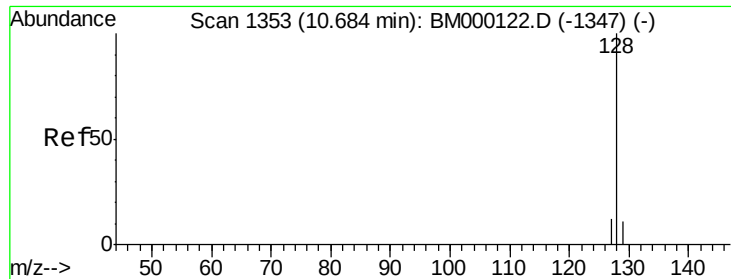
Quant Time: Jan 08 03:53:06 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM010715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 08 02:20:43 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	2978	0.40	ng/ul	0.00
2) Naphthalene-d8	10.64	136	9741	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	5573	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.23	188	10537	0.40	ng/ul	0.02
16) Chrysene-d12	21.41	240	8848	0.40	ng/ul	0.00
20) Perylene-d12	23.70	264	8073	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.22	152	4802	0.37	ng/ul	0.00
14) Fluoranthene-d10	19.25	212	8727	0.39	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.68	128	67	0.00	ng/ul#	1
5) 2-Methylnaphthalene	12.30	142	27	0.00	ng/ul#	59
7) Acenaphthylene	12.22	152	4802	0.39	ng/ul	99
8) Acenaphthene	14.54	153	11	0.00	ng/ul#	70
9) Fluorene	15.52	166	18	0.00	ng/ul#	48
11) Pentachlorophenol	16.89	266	22	0.01	ng/ul#	18
12) Phenanthrene	17.26	178	60	0.00	ng/ul#	1
13) Anthracene	17.35	178	45	0.00	ng/ul#	1
15) Fluoranthene	19.27	202	126	0.00	ng/ul#	1
17) Pyrene	19.64	202	97	0.00	ng/ul#	1
18) Benzo(a)anthracene	21.40	228	123	0.00	ng/ul#	29
19) Chrysene	21.44	228	98	0.00	ng/ul#	22
21) Benzo(b)fluoranthene	23.01	252	126	0.00	ng/ul#	1
22) Benzo(k)fluoranthene	23.05	252	98	0.00	ng/ul#	1
23) Benzo(a)pyrene	23.61	252	133	0.00	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	26.07	276	177	0.01	ng/ul	97
25) Dibenzo(a,h)anthracene	26.09	278	165	0.01	ng/ul#	1
26) Benzo(g,h,i)perylene	26.75	276	110	0.00	ng/ul#	1

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



#3

Naphthalene

Concen: 0.00 ng/ul

RT: 10.68 min Scan# 1353

Delta R.T. 0.00 min

Lab File: BM000135.D

Acq: 07 Jan 2015 20:00

Instrument :

BNA_M

ClientSampleId :

BLK-S-MDL

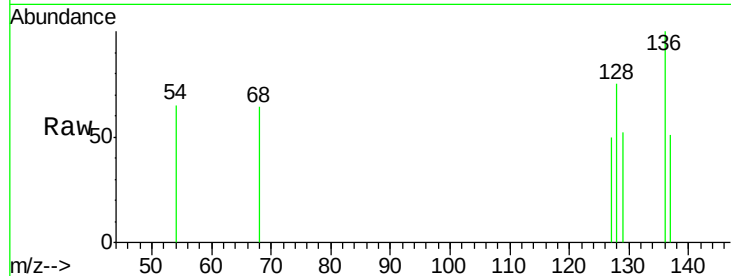
Tgt Ion:128 Resp: 67

Ion Ratio Lower Upper

128 100

129 69.5 9.5 14.3#

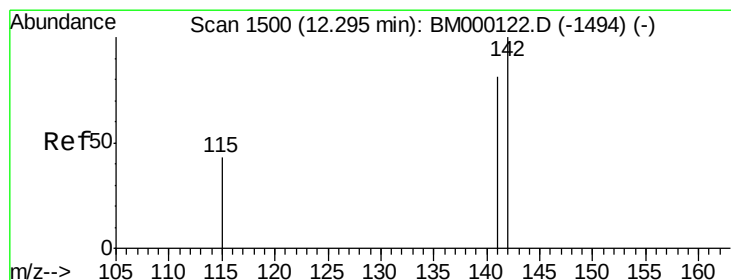
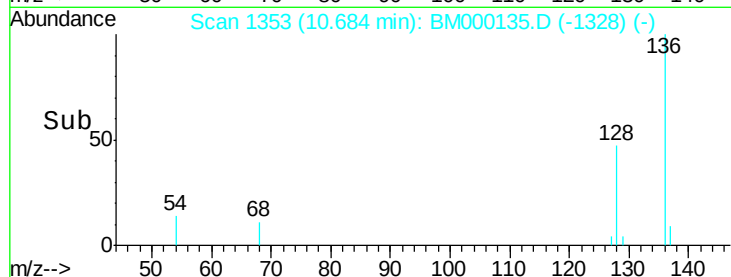
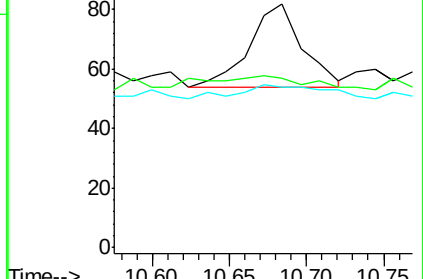
127 65.9 10.4 15.6#



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



#5

2-Methylnaphthalene

Concen: 0.00 ng/ul

RT: 12.30 min Scan# 1500

Delta R.T. 0.00 min

Lab File: BM000135.D

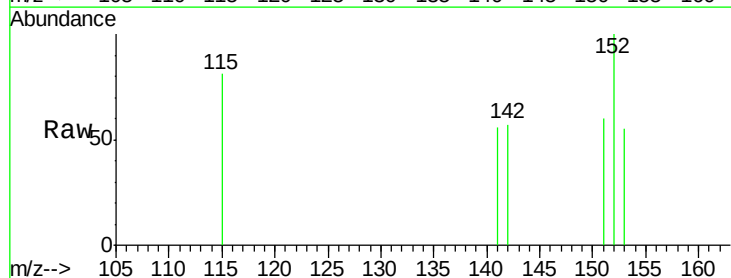
Acq: 07 Jan 2015 20:00

Tgt Ion:142 Resp: 27

Ion Ratio Lower Upper

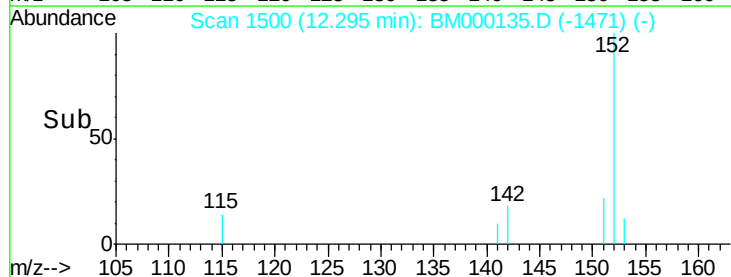
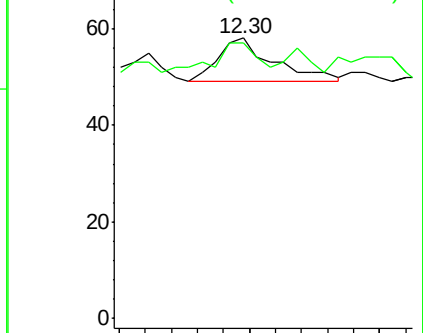
142 100

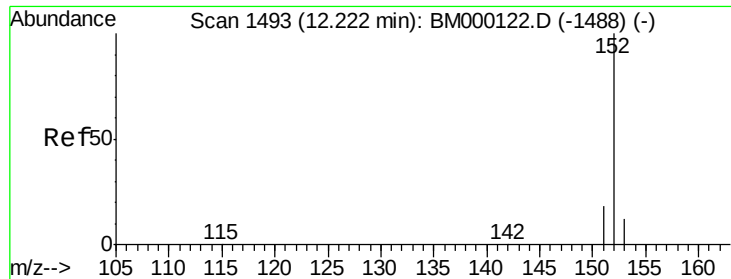
141 48.1 68.9 103.3#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.39 ng/ul

RT: 12.22 min Scan# 1493

Delta R.T. 0.00 min

Lab File: BM000135.D

Acq: 07 Jan 2015 20:00

Instrument :

BNA_M

ClientSampleId :

BLK-S-MDL

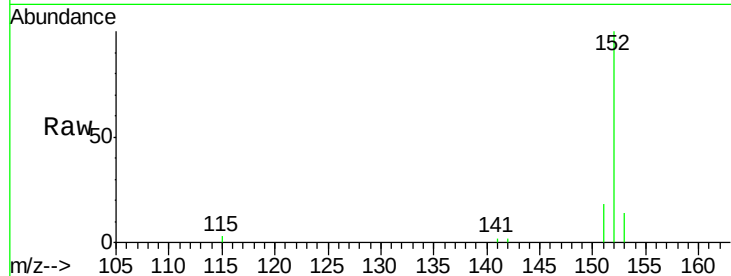
Tgt Ion:152 Resp: 4802

Ion Ratio Lower Upper

152 100

151 18.5 15.4 23.2

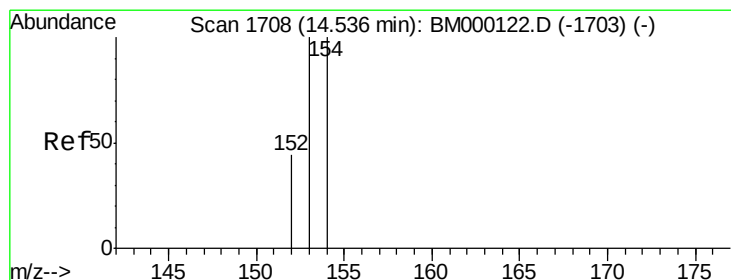
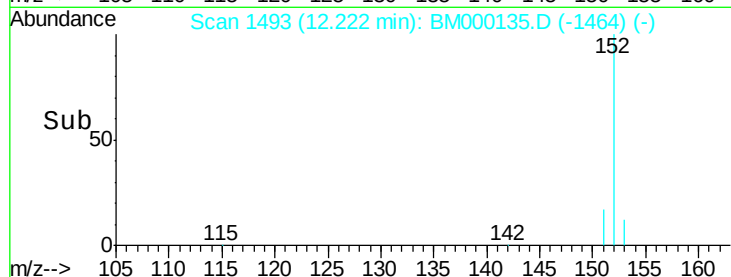
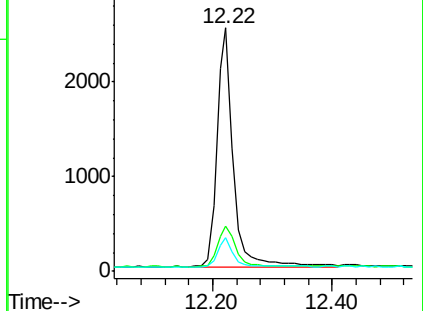
153 14.0 11.0 16.4



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



#8

Acenaphthene

Concen: 0.00 ng/ul

RT: 14.54 min Scan# 1708

Delta R.T. 0.00 min

Lab File: BM000135.D

Acq: 07 Jan 2015 20:00

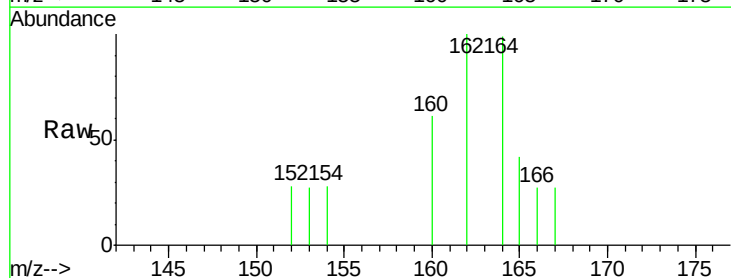
Tgt Ion:153 Resp: 11

Ion Ratio Lower Upper

153 100

152 101.9 35.8 53.6#

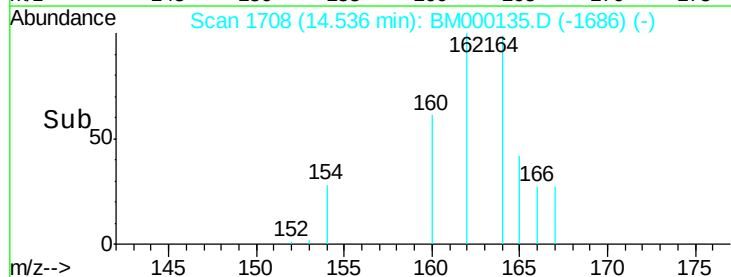
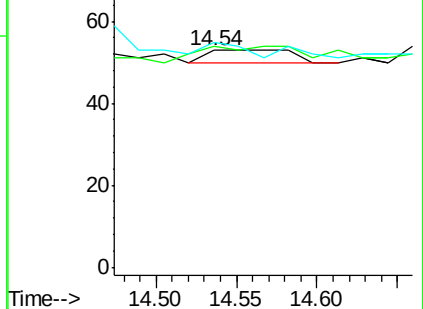
154 103.8 79.9 119.9

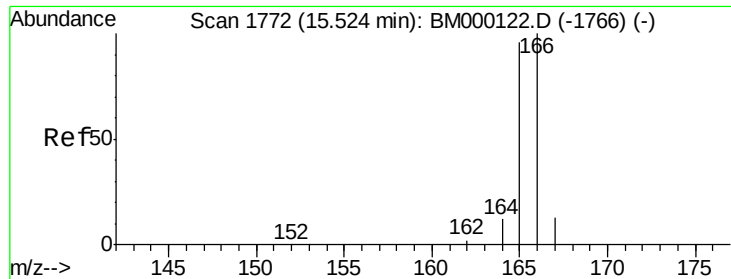


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.00 ng/ul

RT: 15.52 min Scan# 1772

Delta R.T. 0.00 min

Lab File: BM000135.D

Acq: 07 Jan 2015 20:00

Instrument :

BNA_M

ClientSampleId :

BLK-S-MDL

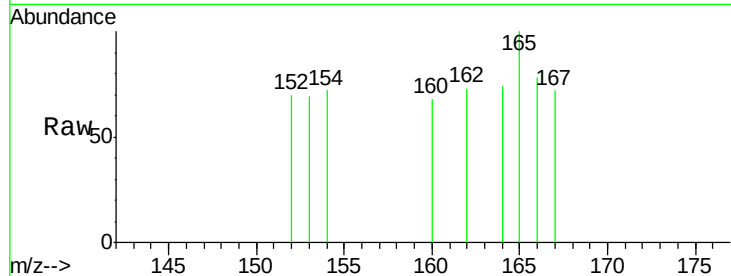
Tgt Ion:166 Resp: 18

Ion Ratio Lower Upper

166 100

165 127.6 77.0 115.4#

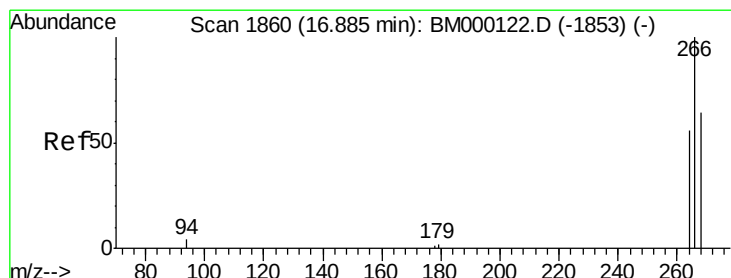
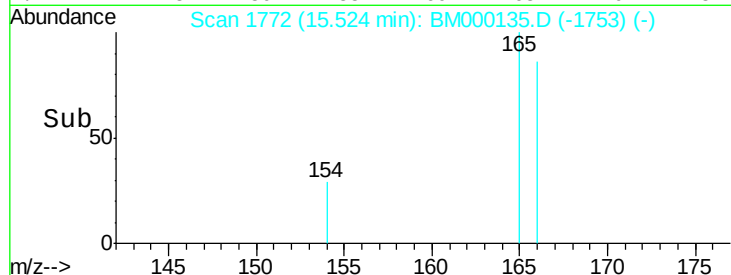
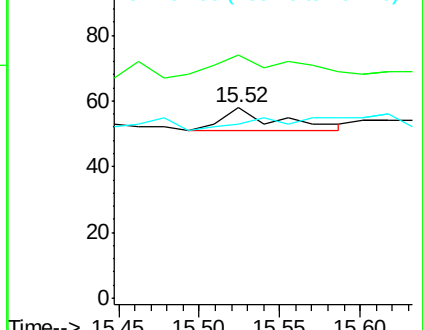
167 91.4 11.0 16.6#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#11

Pentachlorophenol

Concen: 0.01 ng/ul

RT: 16.89 min Scan# 1860

Delta R.T. 0.00 min

Lab File: BM000135.D

Acq: 07 Jan 2015 20:00

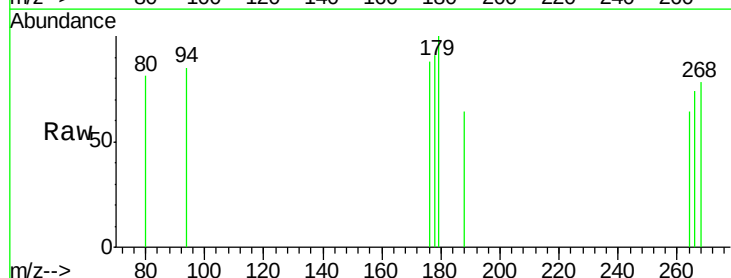
Tgt Ion:266 Resp: 22

Ion Ratio Lower Upper

266 100

264 0.0 53.9 80.9#

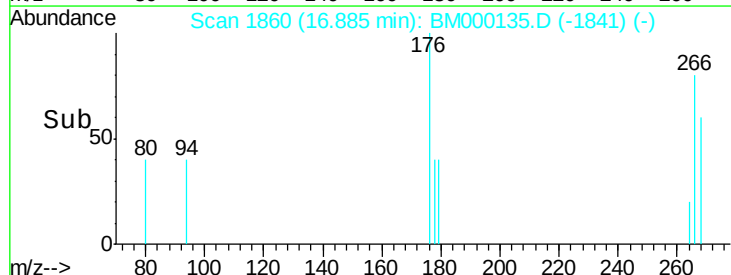
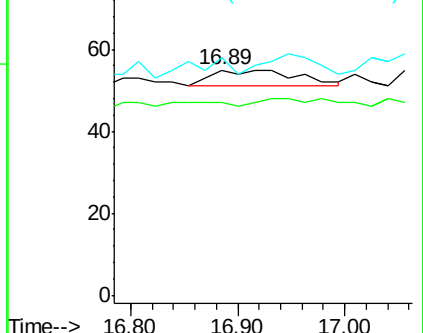
268 0.0 49.2 73.8#

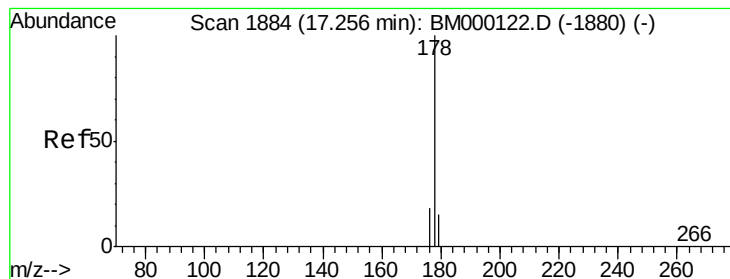


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.00 ng/ul

RT: 17.26 min Scan# 1884

Delta R.T. 0.00 min

Lab File: BM000135.D

Acq: 07 Jan 2015 20:00

Instrument :

BNA_M

ClientSampleId :

BLK-S-MDL

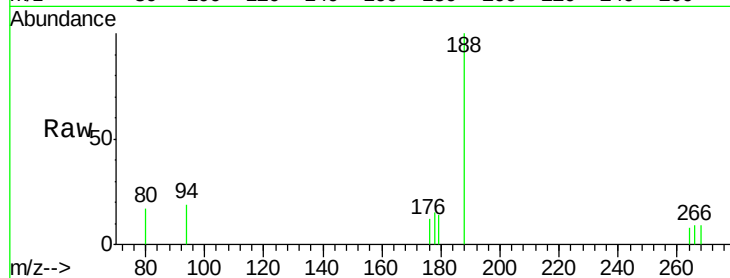
Tgt Ion:178 Resp: 60

Ion Ratio Lower Upper

178 100

176 78.2 15.1 22.7#

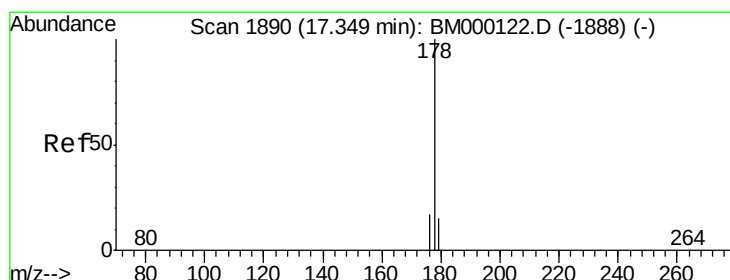
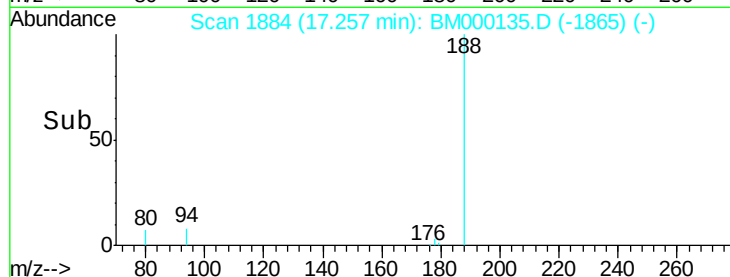
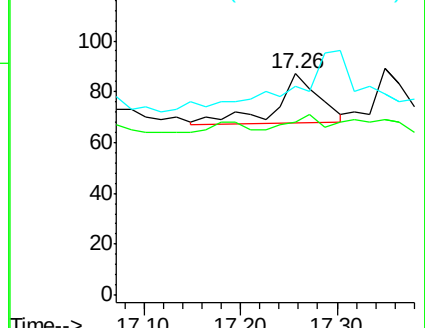
179 94.3 13.0 19.4#



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



#13

Anthracene

Concen: 0.00 ng/ul

RT: 17.35 min Scan# 1890

Delta R.T. 0.00 min

Lab File: BM000135.D

Acq: 07 Jan 2015 20:00

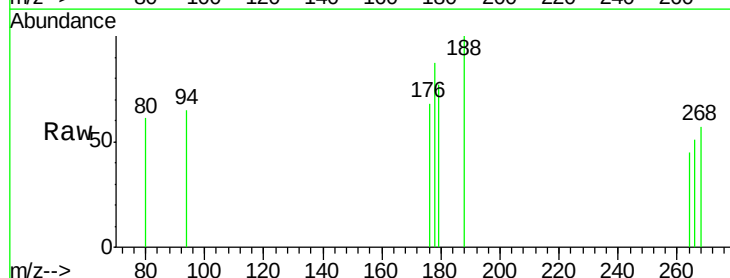
Tgt Ion:178 Resp: 45

Ion Ratio Lower Upper

178 100

176 77.5 14.6 21.8#

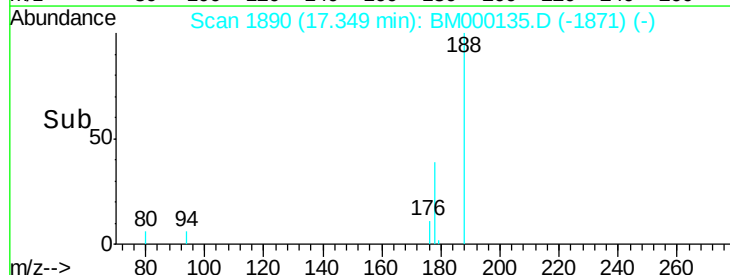
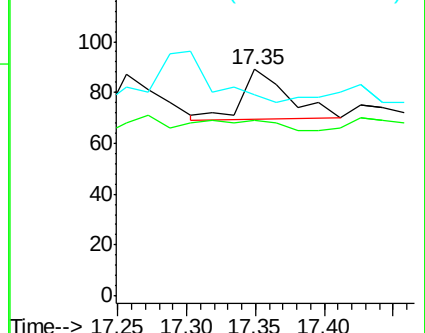
179 88.8 13.1 19.7#

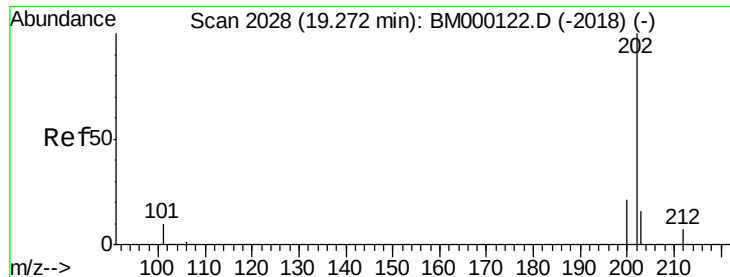


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#15

Fluoranthene

Concen: 0.00 ng/ul

RT: 19.27 min Scan# 2028

Delta R.T. 0.00 min

Lab File: BM000135.D

Acq: 07 Jan 2015 20:00

Instrument :

BNA_M

ClientSampleId :

BLK-S-MDL

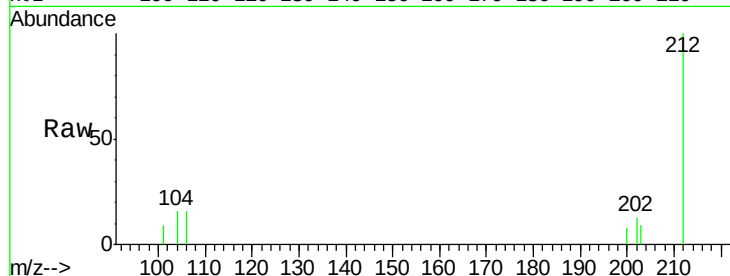
Tgt Ion:202 Resp: 126

Ion Ratio Lower Upper

202 100

101 67.7 0.0 30.5#

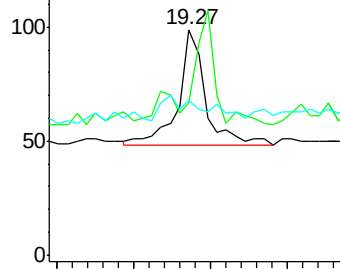
203 68.7 0.0 36.6#



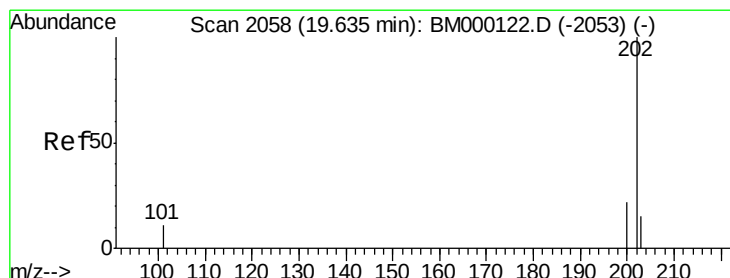
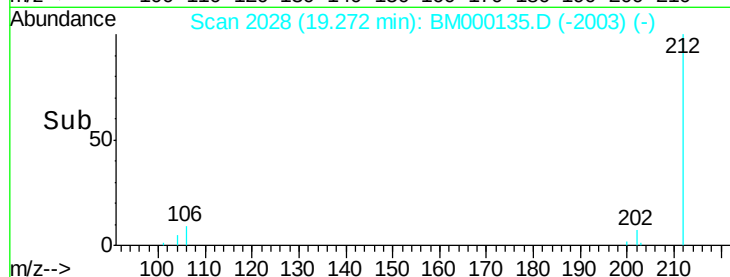
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time--> 19.10 19.20 19.30 19.40



#17

Pyrene

Concen: 0.00 ng/ul

RT: 19.64 min Scan# 2058

Delta R.T. 0.00 min

Lab File: BM000135.D

Acq: 07 Jan 2015 20:00

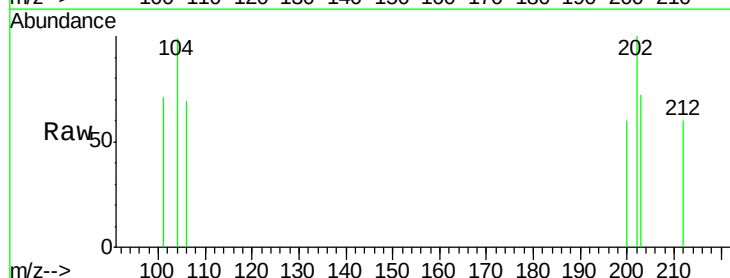
Tgt Ion:202 Resp: 97

Ion Ratio Lower Upper

202 100

200 59.8 17.9 26.9#

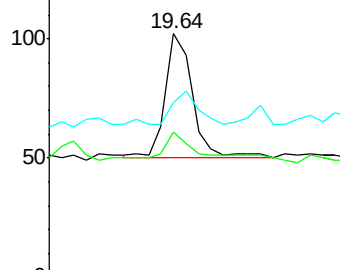
203 71.6 12.8 19.2#



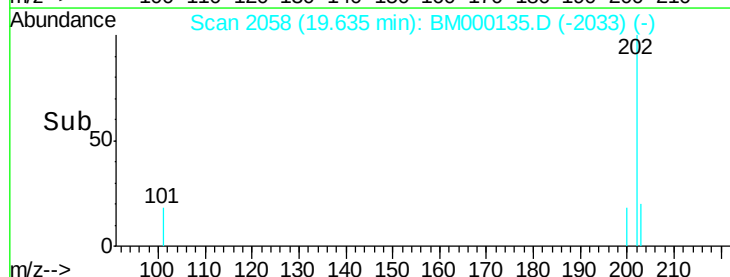
Abundance Ion 202.00 (201.70 to 202.70): E

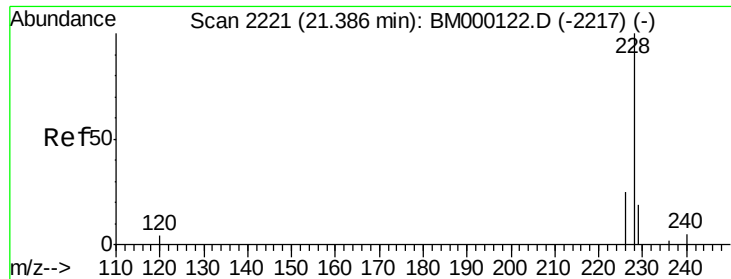
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time--> 19.60 19.70





#18

Benzo(a)anthracene

Concen: 0.00 ng/ul

RT: 21.40 min Scan# 2222

Delta R.T. 0.01 min

Lab File: BM000135.D

Acq: 07 Jan 2015 20:00

Instrument :

BNA_M

ClientSampleId :

BLK-S-MDL

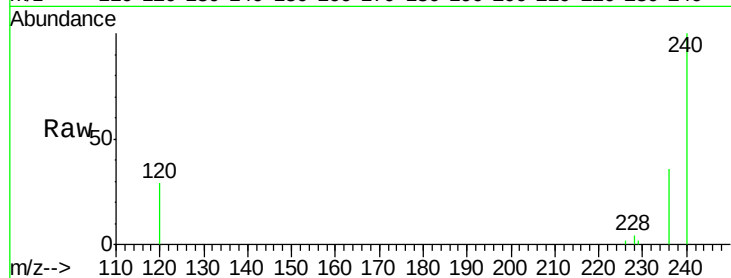
Tgt Ion:228 Resp: 123

Ion Ratio Lower Upper

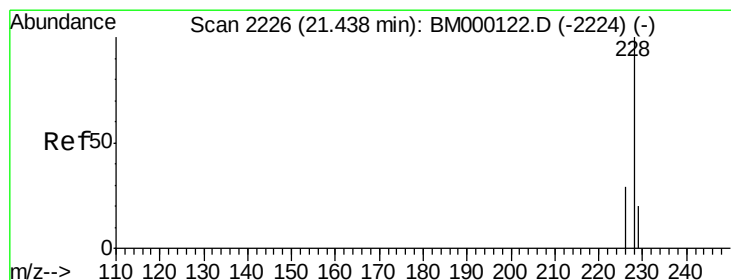
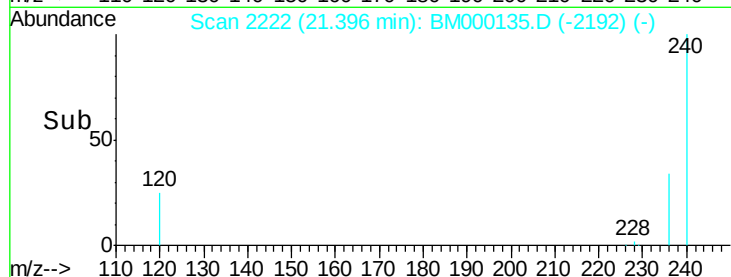
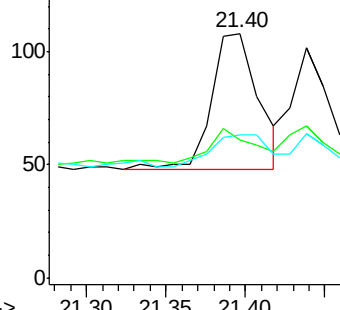
228 100

226 56.5 20.8 31.2#

229 58.3 15.5 23.3#



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



#19

Chrysene

Concen: 0.00 ng/ul

RT: 21.44 min Scan# 2226

Delta R.T. 0.00 min

Lab File: BM000135.D

Acq: 07 Jan 2015 20:00

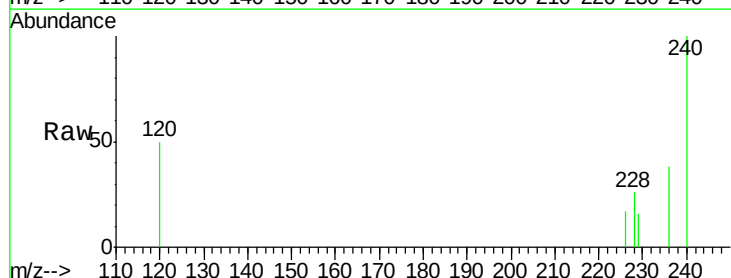
Tgt Ion:228 Resp: 98

Ion Ratio Lower Upper

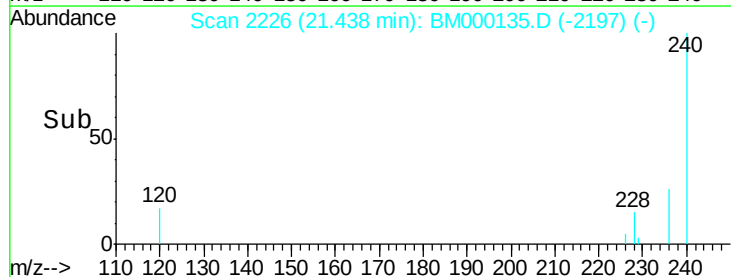
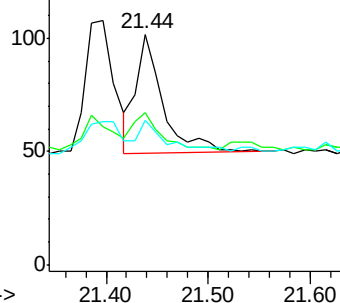
228 100

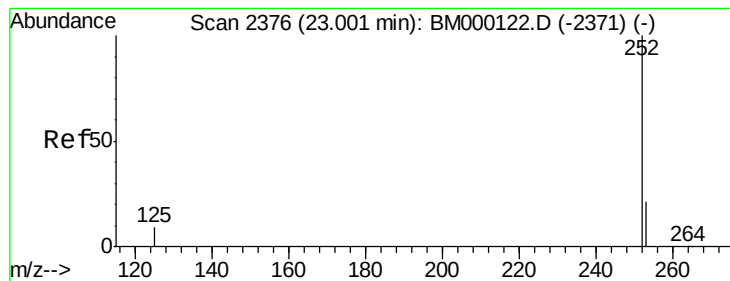
226 65.7 23.8 35.6#

229 62.7 15.8 23.8#



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

Benzo(b)fluoranthene

Concen: 0.00 ng/ul

RT: 23.01 min Scan# 2377

Delta R.T. 0.01 min

Lab File: BM000135.D

Acq: 07 Jan 2015 20:00

Instrument :

BNA_M

ClientSampleId :

BLK-S-MDL

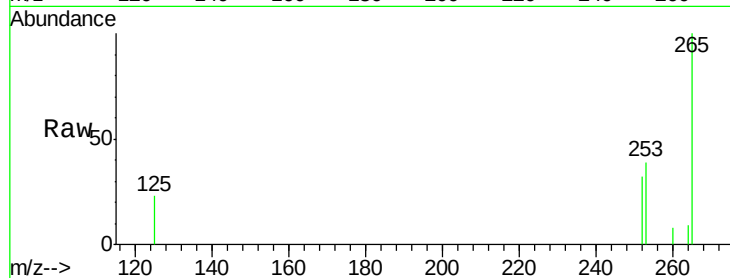
Tgt Ion:252 Resp: 126

Ion Ratio Lower Upper

252 100

253 123.9 0.0 48.2#

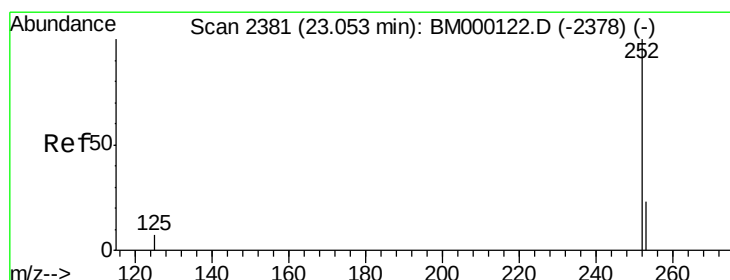
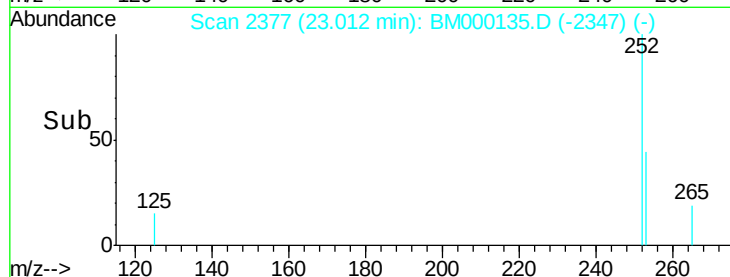
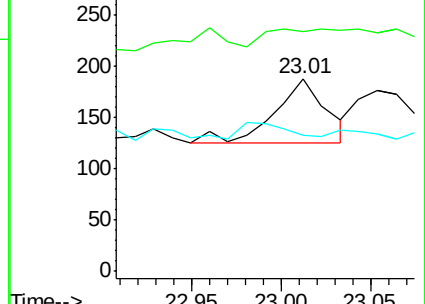
125 70.7 0.0 21.6#



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



#22

Benzo(k)fluoranthene

Concen: 0.00 ng/ul

RT: 23.05 min Scan# 2381

Delta R.T. 0.00 min

Lab File: BM000135.D

Acq: 07 Jan 2015 20:00

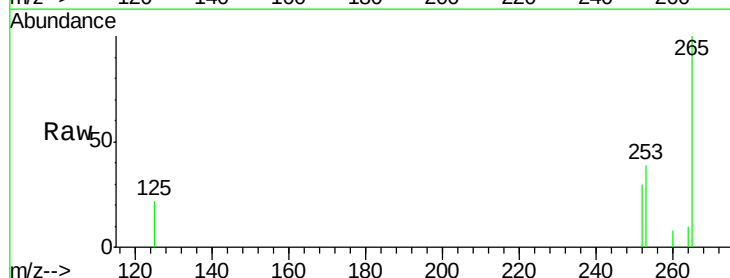
Tgt Ion:252 Resp: 98

Ion Ratio Lower Upper

252 100

253 131.8 20.5 30.7#

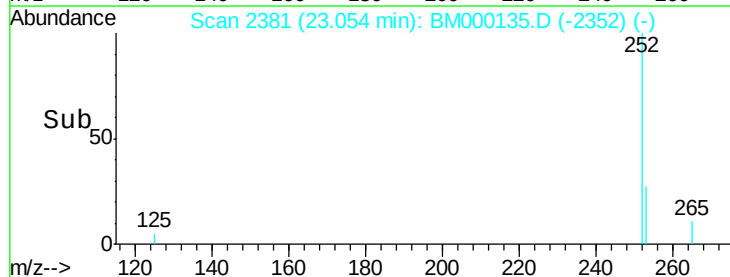
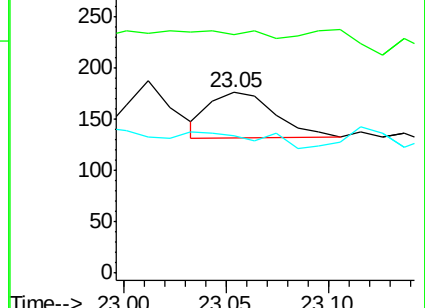
125 76.1 7.8 11.8#

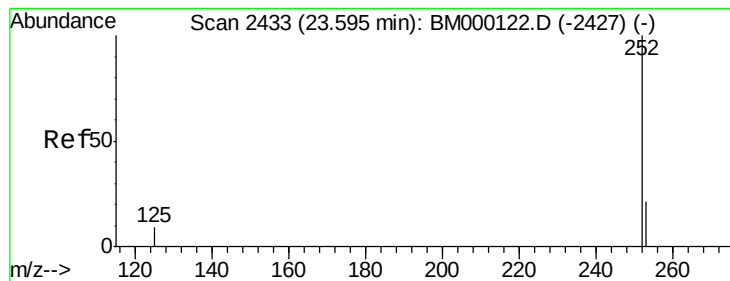


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.00 ng/ul

RT: 23.61 min Scan# 2434

Delta R.T. 0.01 min

Lab File: BM000135.D

Acq: 07 Jan 2015 20:00

Instrument :

BNA_M

ClientSampleId :

BLK-S-MDL

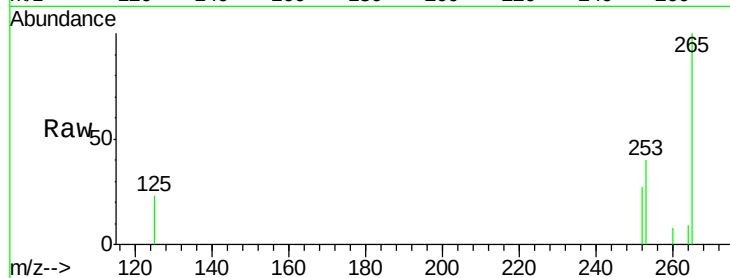
Tgt Ion: 252 Resp: 133

Ion Ratio Lower Upper

252 100

253 149.1 19.8 29.6#

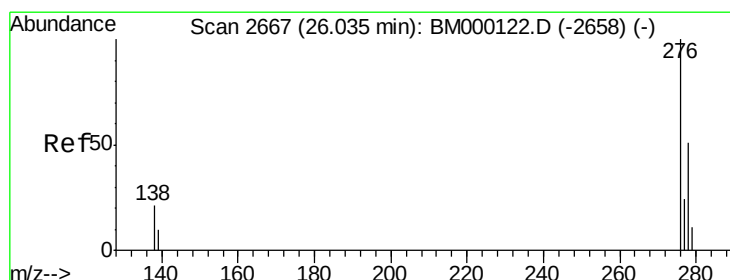
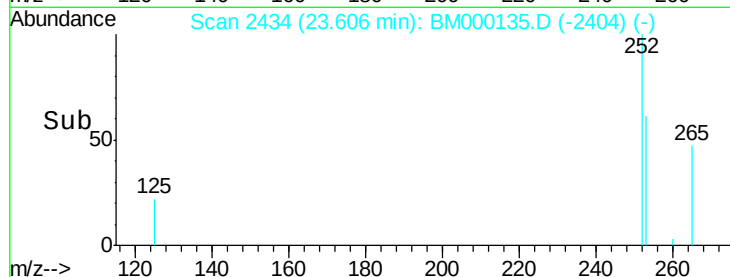
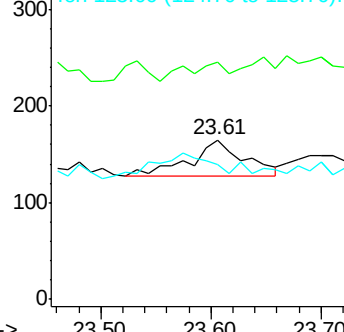
125 84.2 9.2 13.8#



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

Indeno(1,2,3-cd)pyrene

Concen: 0.01 ng/ul

RT: 26.07 min Scan# 2670

Delta R.T. 0.03 min

Lab File: BM000135.D

Acq: 07 Jan 2015 20:00

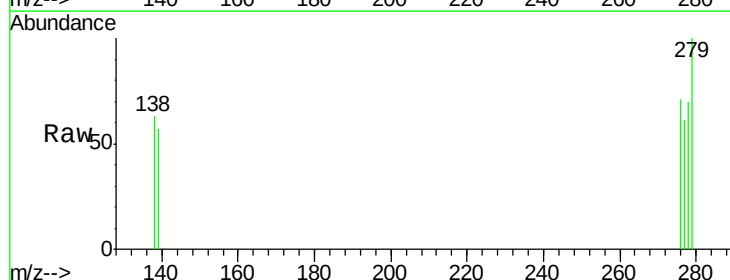
Tgt Ion: 276 Resp: 177

Ion Ratio Lower Upper

276 100

138 19.2 17.6 26.4

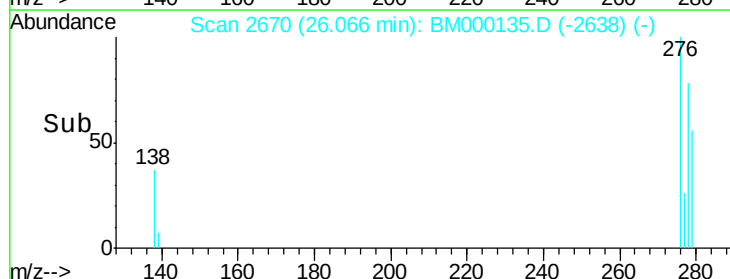
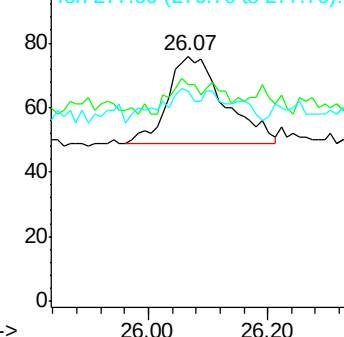
277 24.9 19.9 29.9

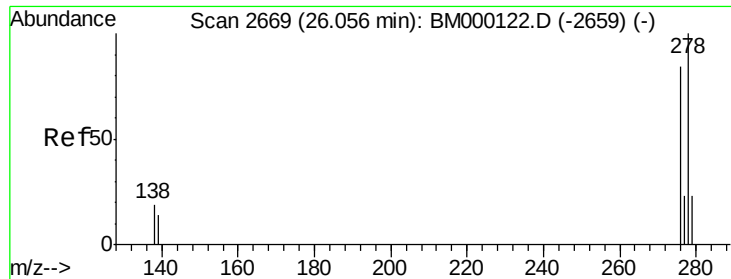


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

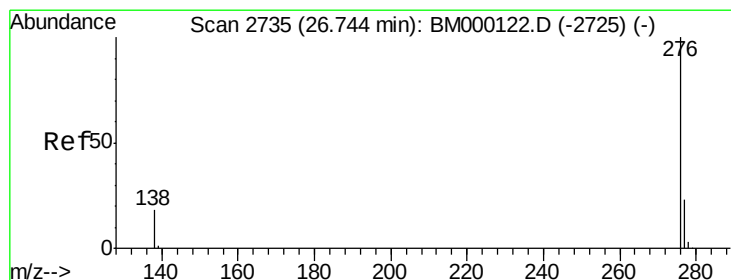
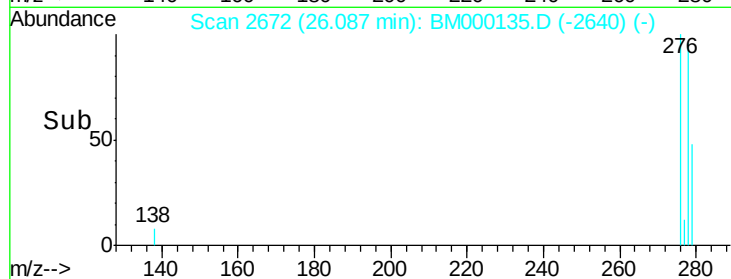
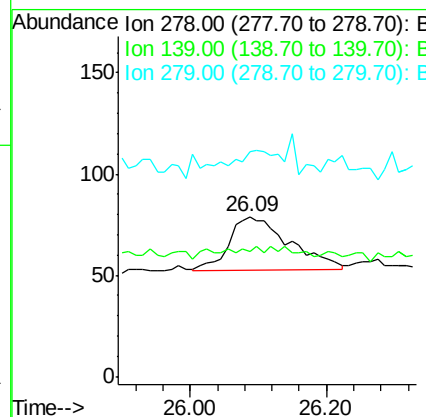
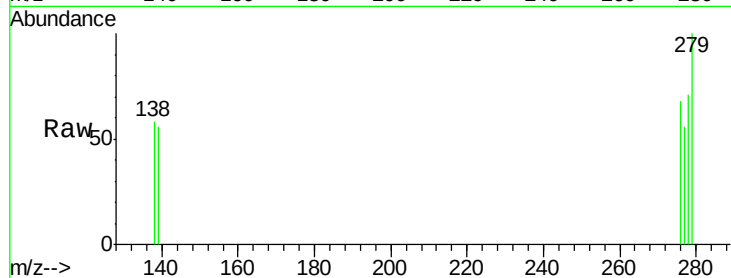




#25
Dibenzo(a,h)anthracene
Concen: 0.01 ng/ul
RT: 26.09 min Scan# 2672
Delta R.T. 0.03 min
Lab File: BM000135.D
Acq: 07 Jan 2015 20:00

Instrument :
BNA_M
ClientSampled :
BLK-S-MDL

Tgt Ion: 278 Resp: 165
Ion Ratio Lower Upper
278 100
139 78.5 12.6 18.8#
279 140.5 20.6 30.8#



#26
Benzo(g,h,i)perylene
Concen: 0.00 ng/ul
RT: 26.75 min Scan# 2736
Delta R.T. 0.01 min
Lab File: BM000135.D
Acq: 07 Jan 2015 20:00

Tgt Ion: 276 Resp: 110
Ion Ratio Lower Upper
276 100
277 89.9 20.0 30.0#
138 94.2 15.7 23.5#

