

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122416\
 Data File : BM008653.D
 Acq On : 25 Dec 2016 03:41
 Operator : UM/SJ
 Sample : H5995-07DL 5X
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA869DL

Quant Time: Dec 26 00:59:59 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 26 00:55:42 2016
 Response via : Initial Calibration

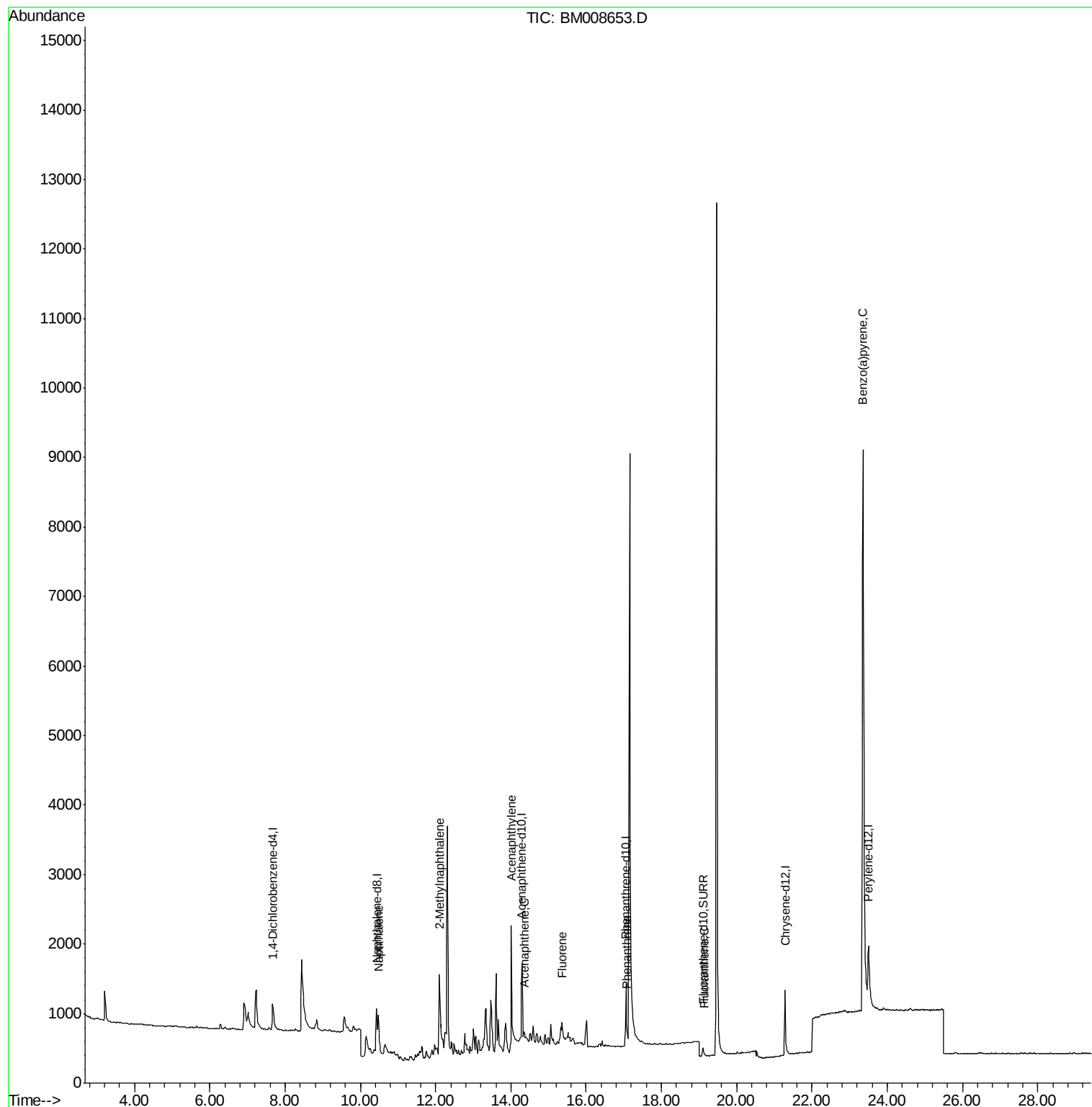
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	402	0.40	ng/ul	-0.06
2) Naphthalene-d8	10.44	136	1265	0.40	ng/ul	-0.04
6) Acenaphthene-d10	14.30	164	759	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.06	188	1396	0.40	ng/ul	-0.02
16) Chrysene-d12	21.28	240	1404	0.40	ng/ul	0.02
20) Perylene-d12	23.50	264	1837	0.40	ng/ul	0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.10	152	11	0.01	ng/ul	0.02
14) Fluoranthene-d10	19.11	212	285	0.07	ng/ul	0.01
Target Compounds						
3) Naphthalene	10.49	128	1174	0.33	ng/ul#	84
5) 2-Methylnaphthalene	12.10	142	1061	0.44	ng/ul	96
7) Acenaphthylene	14.01	152	98	0.03	ng/ul#	1
8) Acenaphthene	14.35	153	149	0.06	ng/ul#	82
9) Fluorene	15.36	166	371	0.13	ng/ul#	78
12) Phenanthrene	17.09	178	160	0.04	ng/ul#	26
15) Fluoranthene	19.13	202	117	0.02	ng/ul#	1
23) Benzo(a)pyrene	23.36	252	139	0.02	ng/ul#	1

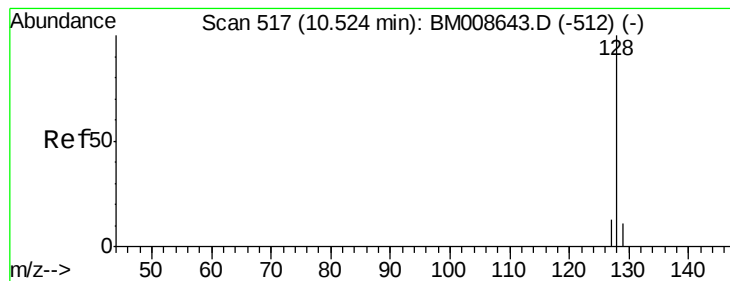
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.33 ng/ul

RT: 10.49 min Scan# 514

Delta R.T. -0.04 min

Lab File: BM008653.D

Acq: 25 Dec 2016 03:41

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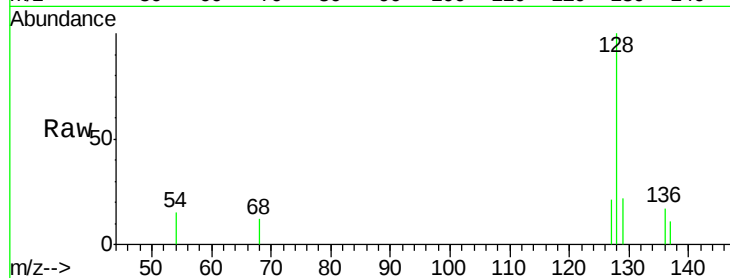
Tgt Ion:128 Resp: 1174

Ion Ratio Lower Upper

128 100

129 22.0 11.3 16.9#

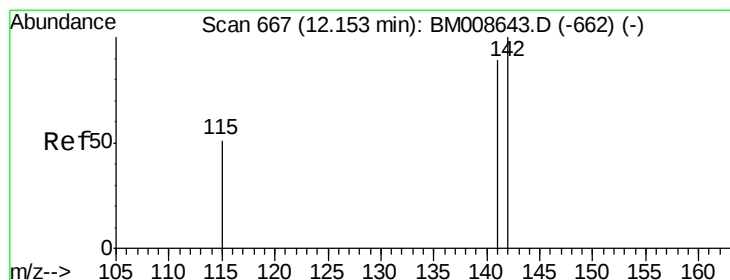
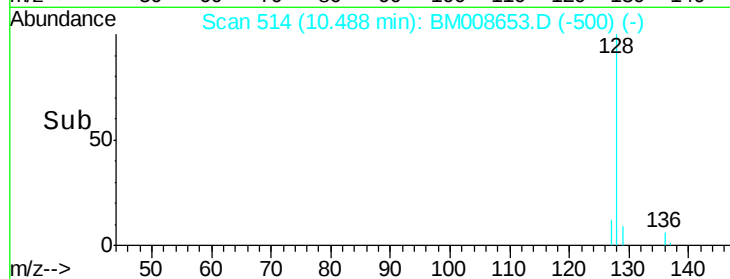
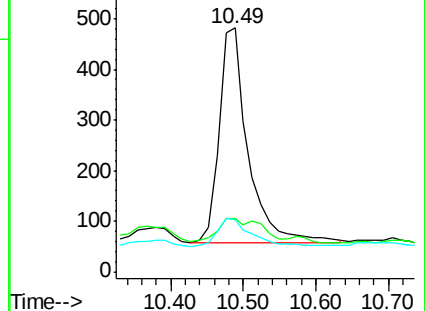
127 21.4 12.8 19.2#



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: 0.44 ng/ul

RT: 12.10 min Scan# 662

Delta R.T. -0.05 min

Lab File: BM008653.D

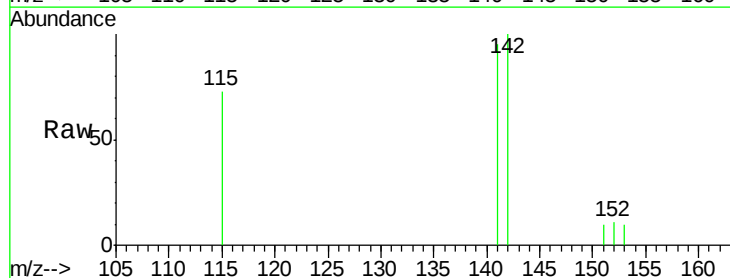
Acq: 25 Dec 2016 03:41

Tgt Ion:142 Resp: 1061

Ion Ratio Lower Upper

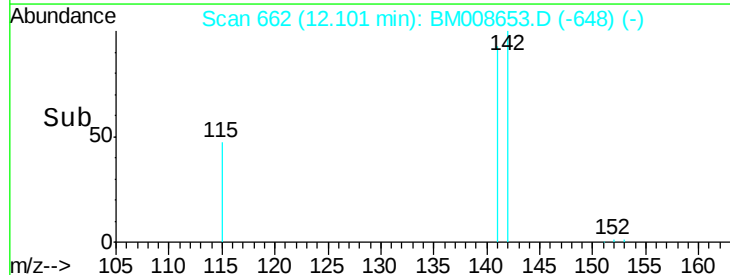
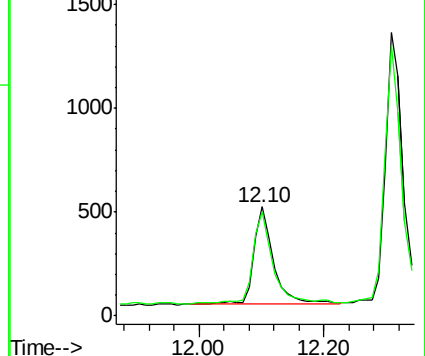
142 100

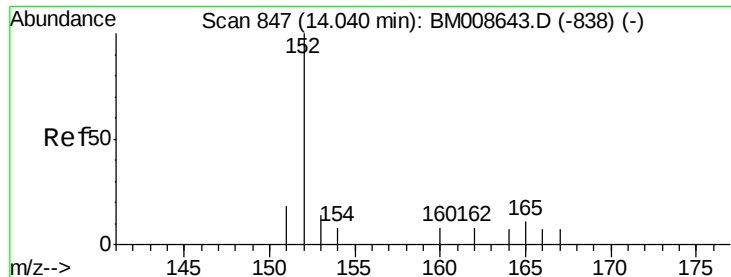
141 94.2 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.03 ng/ul

RT: 14.01 min Scan# 845

Delta R.T. -0.03 min

Lab File: BM008653.D

Acq: 25 Dec 2016 03:41

Instrument :

BNA_M

ClientSampleId :

DA869DL

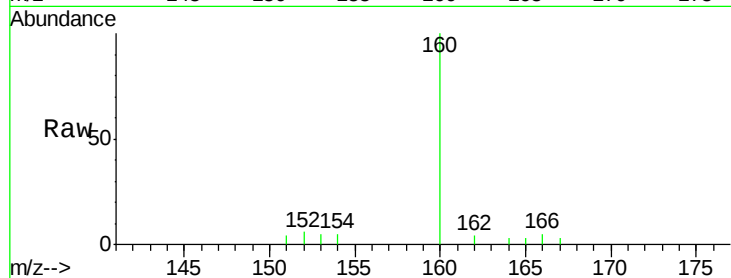
Tgt Ion:152 Resp: 98

Ion Ratio Lower Upper

152 100

151 69.9 17.1 25.7#

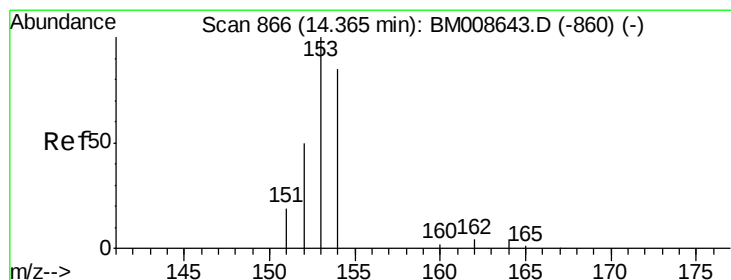
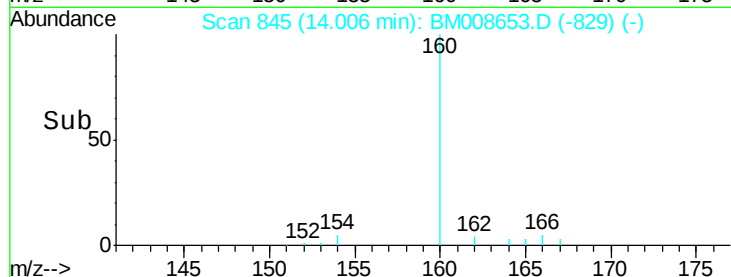
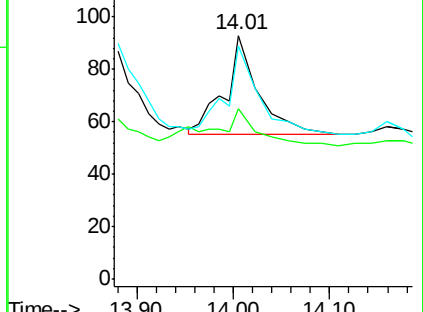
153 95.7 12.8 19.2#



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: 0.06 ng/ul

RT: 14.35 min Scan# 865

Delta R.T. -0.02 min

Lab File: BM008653.D

Acq: 25 Dec 2016 03:41

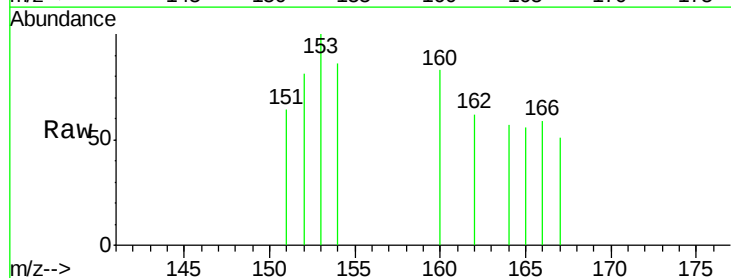
Tgt Ion:153 Resp: 149

Ion Ratio Lower Upper

153 100

152 81.1 40.3 60.5#

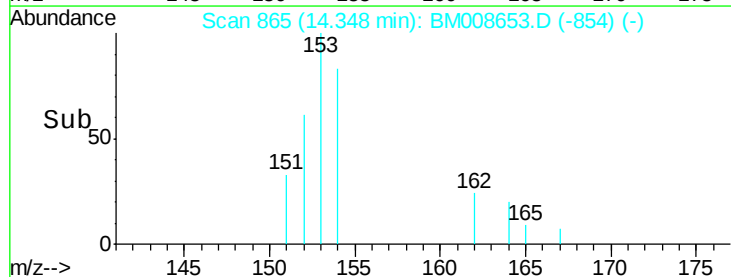
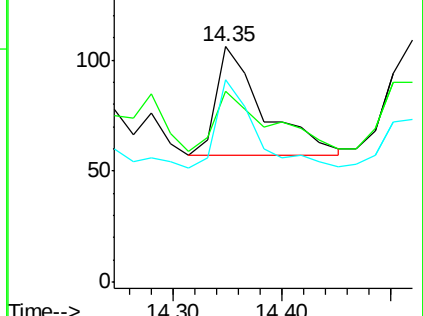
154 85.8 71.4 107.2

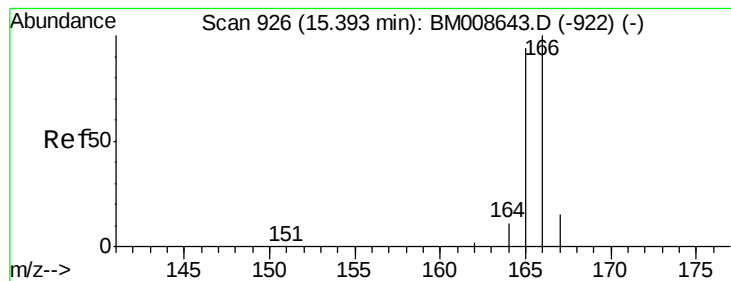


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.13 ng/ul

RT: 15.36 min Scan# 924

Delta R.T. -0.03 min

Lab File: BM008653.D

Acq: 25 Dec 2016 03:41

Instrument :

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DA869DL

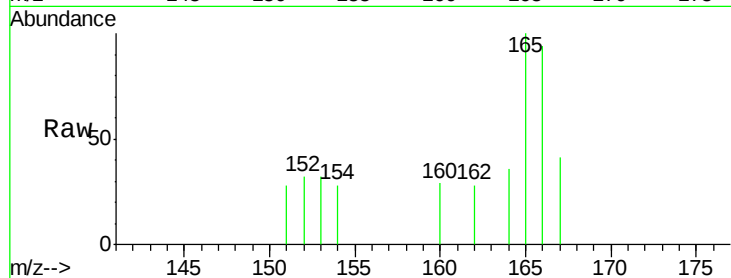
Tgt Ion:166 Resp: 371

Ion Ratio Lower Upper

166 100

165 106.0 73.4 110.2

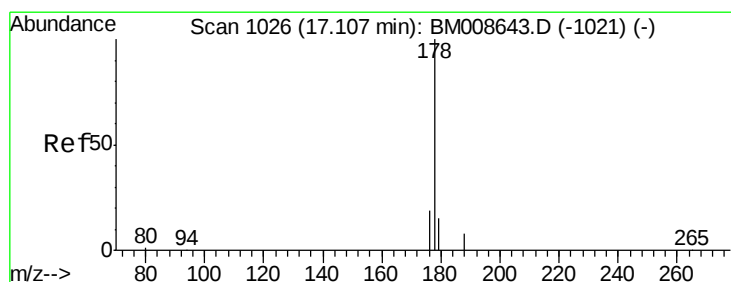
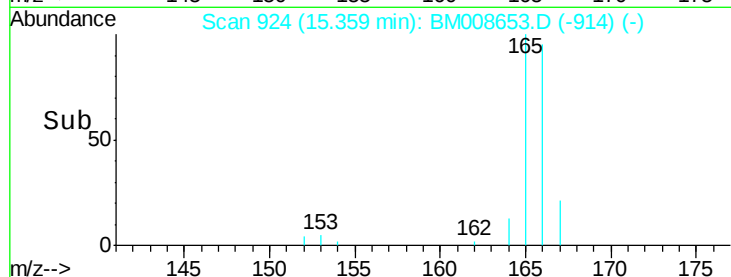
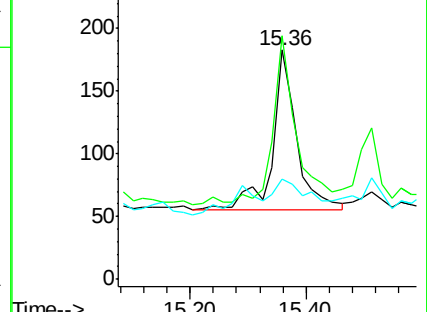
167 43.7 14.6 22.0#



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



#12

Phenanthrene

Concen: 0.04 ng/ul

RT: 17.09 min Scan# 1025

Delta R.T. -0.02 min

Lab File: BM008653.D

Acq: 25 Dec 2016 03:41

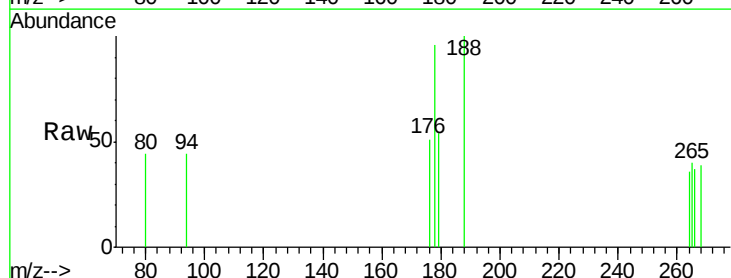
Tgt Ion:178 Resp: 160

Ion Ratio Lower Upper

178 100

176 53.2 18.4 27.6#

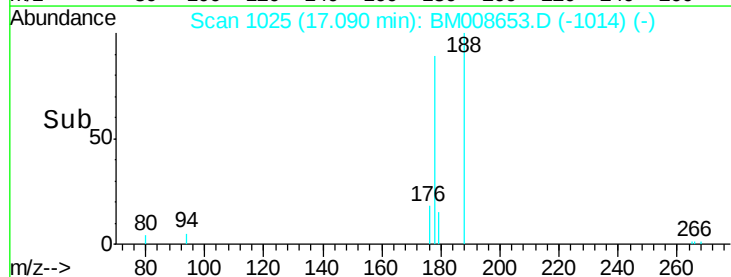
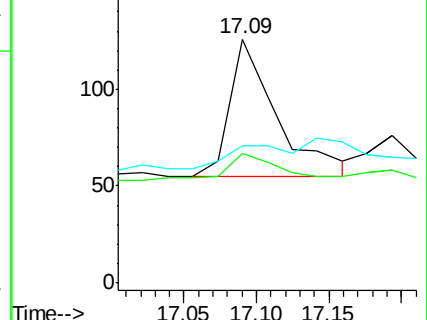
179 56.3 13.6 20.4#

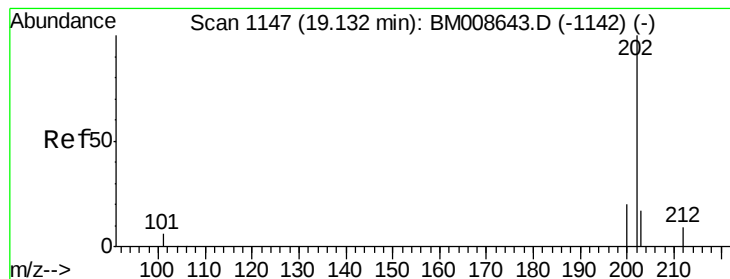


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#15

Fluoranthene

Concen: 0.02 ng/ul

RT: 19.13 min Scan# 1147

Delta R.T. 0.00 min

Lab File: BM008653.D

Acq: 25 Dec 2016 03:41

Instrument :

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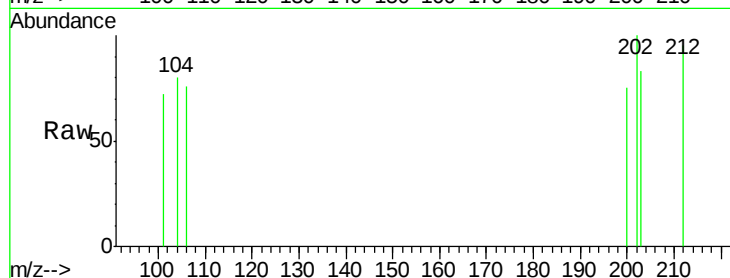
Tgt Ion: 202 Resp: 117

Ion Ratio Lower Upper

202 100

101 72.0 0.0 30.3#

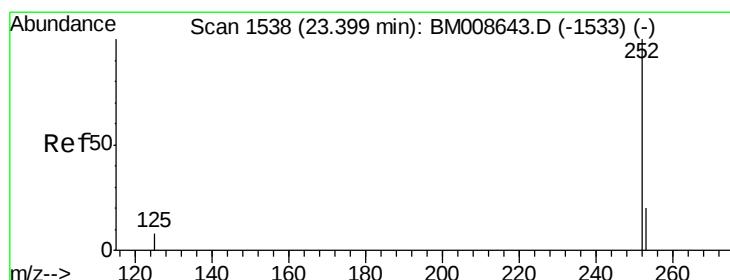
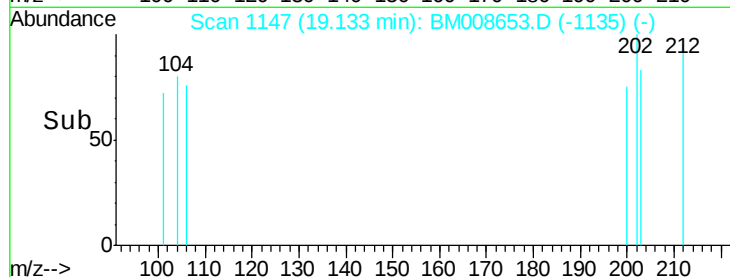
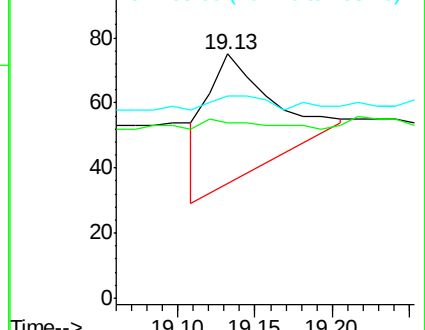
203 82.7 0.0 39.5#



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



#23

Benzo(a)pyrene

Concen: 0.02 ng/ul

RT: 23.36 min Scan# 1534

Delta R.T. -0.04 min

Lab File: BM008653.D

Acq: 25 Dec 2016 03:41

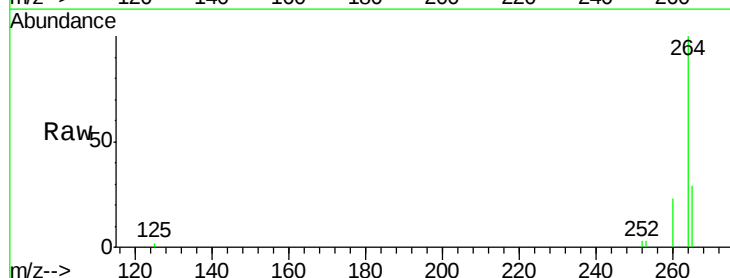
Tgt Ion: 252 Resp: 139

Ion Ratio Lower Upper

252 100

253 128.6 28.5 42.7#

125 85.7 18.1 27.1#



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

