

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122416\
 Data File : BM008636.D
 Acq On : 24 Dec 2016 17:03
 Operator : UM/SJ
 Sample : H5995-08DL 2X
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA870DL

Quant Time: Dec 26 00:01:14 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Dec 25 23:48:32 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	484	0.40	ng/ul	-0.03
2) Naphthalene-d8	10.42	136	1464	0.40	ng/ul	-0.04
6) Acenaphthene-d10	14.28	164	882	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.04	188	1570	0.40	ng/ul	-0.02
16) Chrysene-d12	21.27	240	1779	0.40	ng/ul	0.00
20) Perylene-d12	23.49	264	1780	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.02	152	255	0.11	ng/ul	-0.03
14) Fluoranthene-d10	19.09	212	1213	0.28	ng/ul	0.00

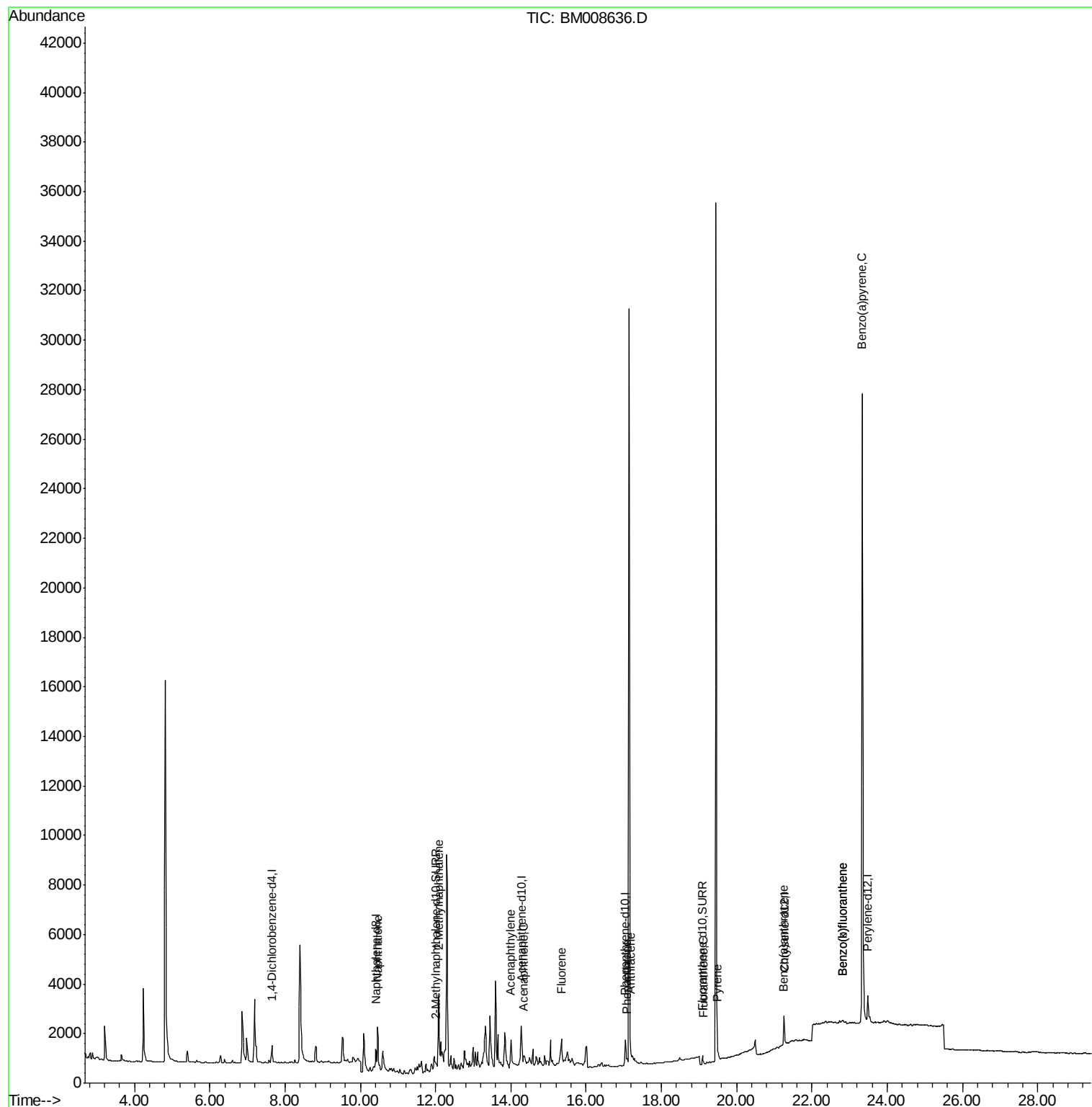
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.46	128	2988	0.73	ng/ul	97
5) 2-Methylnaphthalene	12.08	142	2534	0.91	ng/ul	97
7) Acenaphthylene	14.01	152	189	0.05	ng/ul#	1
8) Acenaphthene	14.35	153	403	0.13	ng/ul#	88
9) Fluorene	15.34	166	967	0.28	ng/ul#	72
12) Phenanthrene	17.09	178	475	0.10	ng/ul#	51
13) Anthracene	17.18	178	122	0.03	ng/ul#	7
15) Fluoranthene	19.13	202	1618	0.28	ng/ul#	1
17) Pyrene	19.49	202	205	0.03	ng/ul#	1
18) Benzo(a)anthracene	21.24	228	160	0.03	ng/ul#	1
21) Benzo(b)fluoranthene	22.82	252	153	0.02	ng/ul#	1
22) Benzo(k)fluoranthene	22.82	252	159	0.02	ng/ul#	1
23) Benzo(a)pyrene	23.34	252	333	0.05	ng/ul#	1

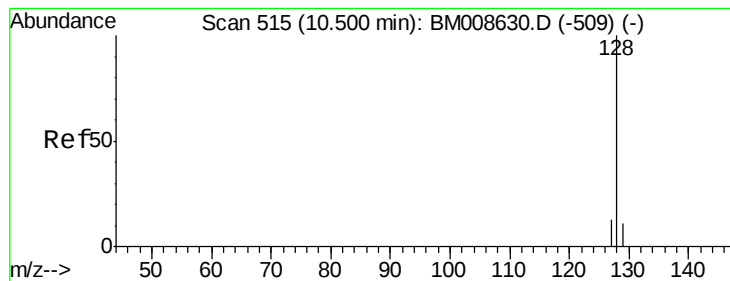
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Naphthalene

Concen: 0.73 ng/ul

RT: 10.46 min Scan# 512

Delta R.T. -0.04 min

Lab File: BM008636.D

Acq: 24 Dec 2016 17:03

Instrument :

BNA_M

ClientSampleId :

DA870DL

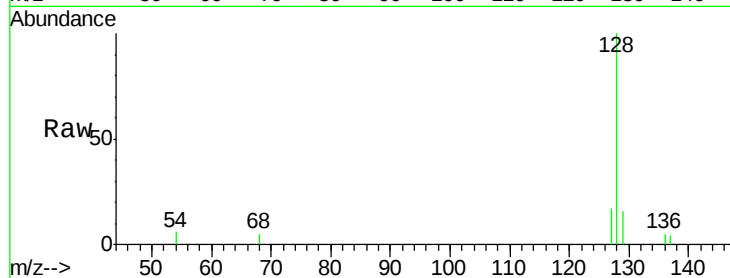
Tgt Ion:128 Resp: 2988

Ion Ratio Lower Upper

128 100

129 15.5 11.3 16.9

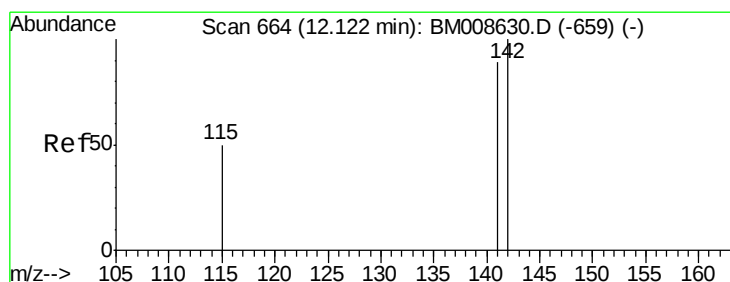
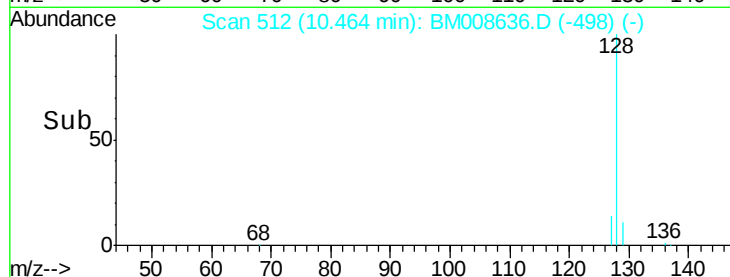
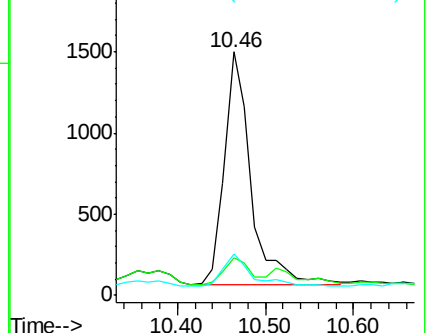
127 16.7 12.8 19.2



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: 0.91 ng/ul

RT: 12.08 min Scan# 660

Delta R.T. -0.04 min

Lab File: BM008636.D

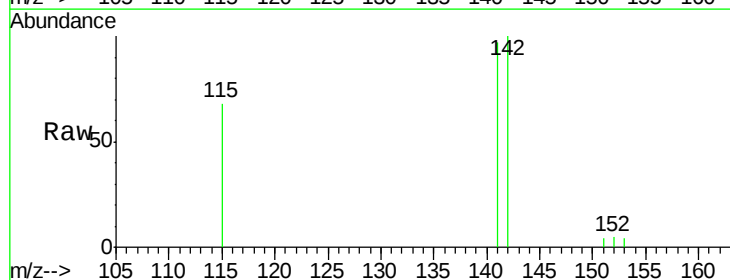
Acq: 24 Dec 2016 17:03

Tgt Ion:142 Resp: 2534

Ion Ratio Lower Upper

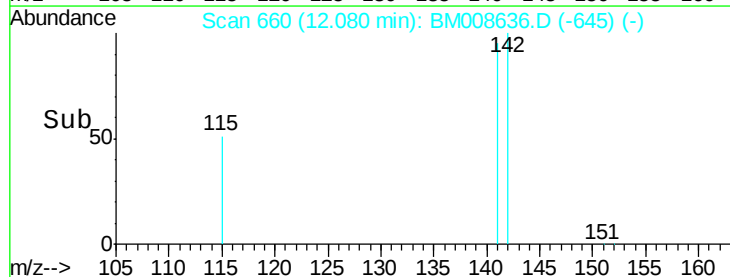
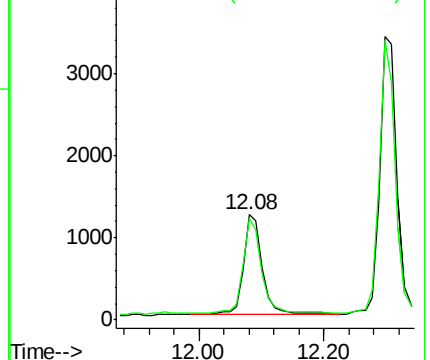
142 100

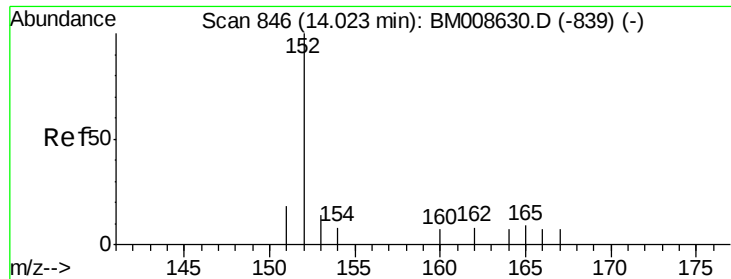
141 93.9 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.05 ng/ul

RT: 14.01 min Scan# 845

Delta R.T. -0.02 min

Lab File: BM008636.D

Acq: 24 Dec 2016 17:03

Instrument :

BNA_M

ClientSampleId :

DA870DL

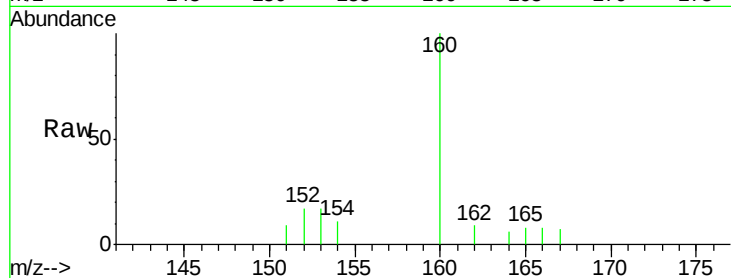
Tgt Ion:152 Resp: 189

Ion Ratio Lower Upper

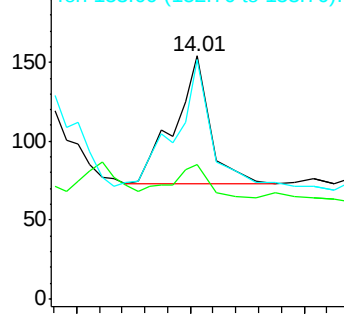
152 100

151 55.2 17.1 25.7#

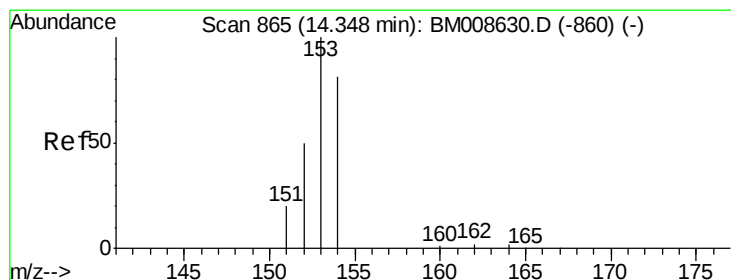
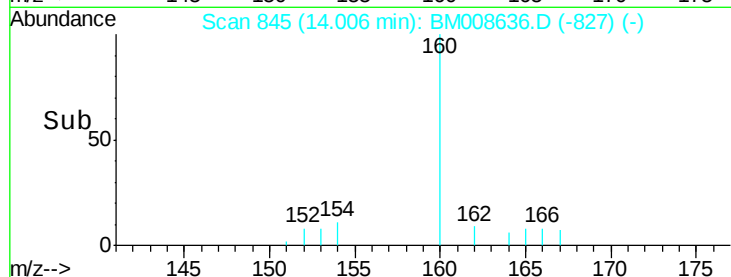
153 98.7 12.8 19.2#



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



Time-->



#8

Acenaphthene

Concen: 0.13 ng/ul

RT: 14.35 min Scan# 865

Delta R.T. 0.00 min

Lab File: BM008636.D

Acq: 24 Dec 2016 17:03

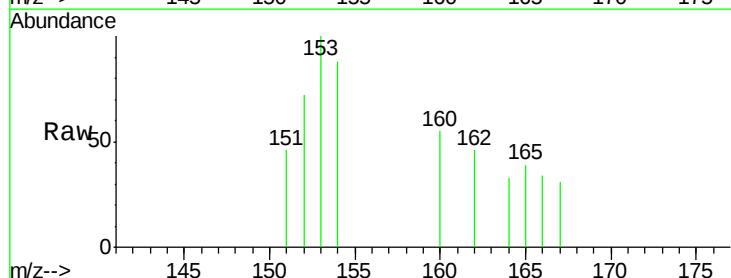
Tgt Ion:153 Resp: 403

Ion Ratio Lower Upper

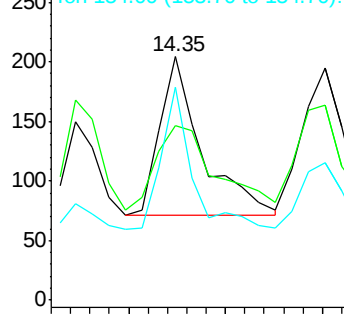
153 100

152 72.1 40.3 60.5#

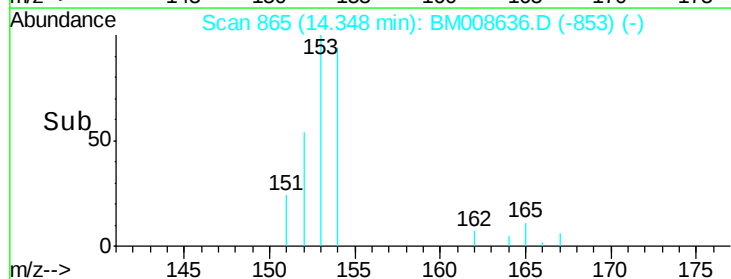
154 87.7 71.4 107.2

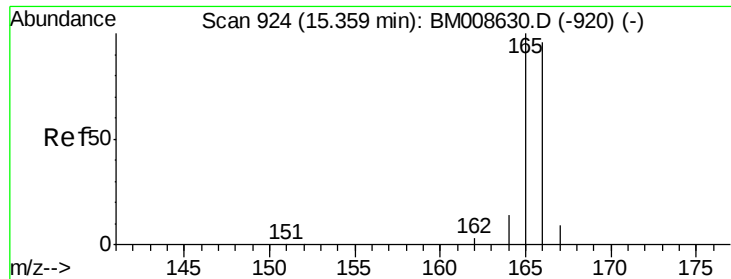


Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



Time-->





#9

Fluorene

Concen: 0.28 ng/ul

RT: 15.34 min Scan# 923

Delta R.T. -0.02 min

Lab File: BM008636.D

Acq: 24 Dec 2016 17:03

Instrument :

BNA_M

ClientSampleId :

DA870DL

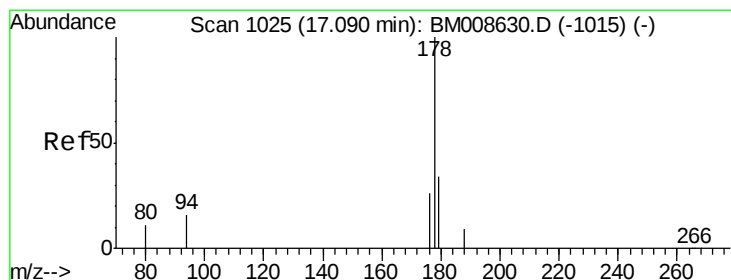
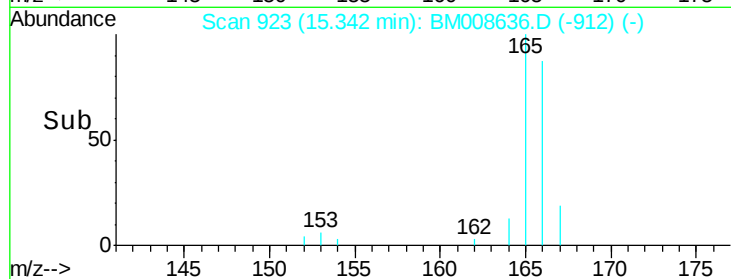
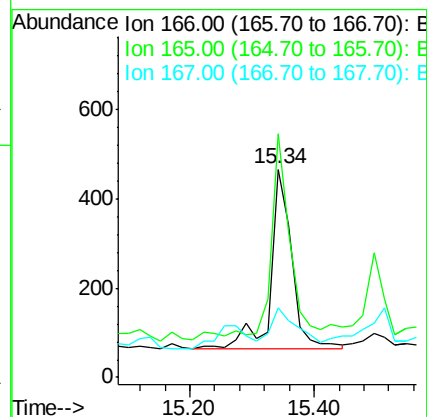
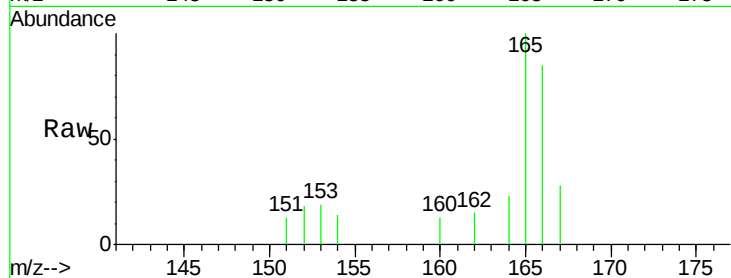
Tgt Ion:166 Resp: 967

Ion Ratio Lower Upper

166 100

165 117.2 73.4 110.2#

167 33.3 14.6 22.0#



#12

Phenanthrene

Concen: 0.10 ng/ul

RT: 17.09 min Scan# 1025

Delta R.T. 0.00 min

Lab File: BM008636.D

Acq: 24 Dec 2016 17:03

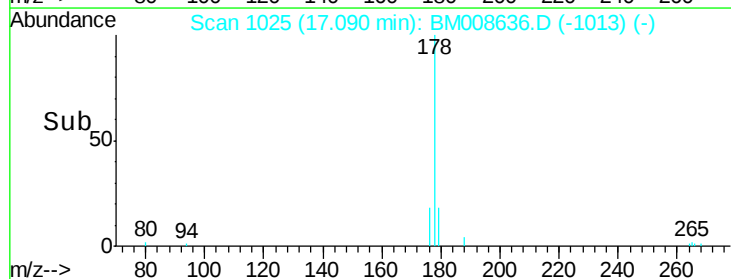
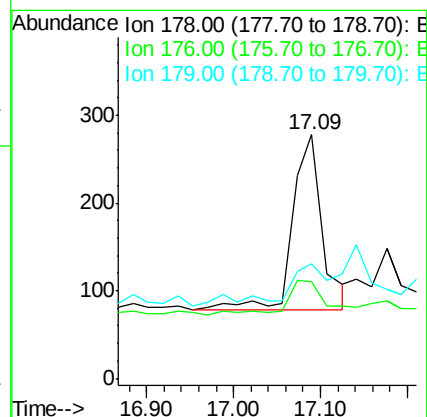
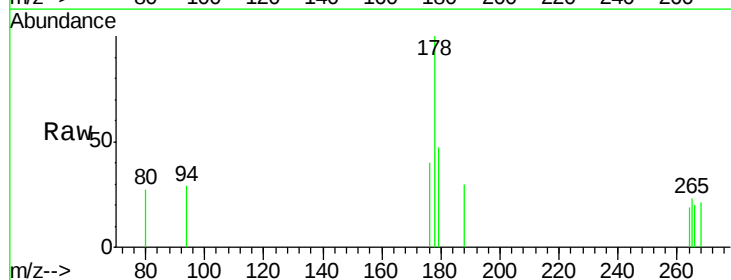
Tgt Ion:178 Resp: 475

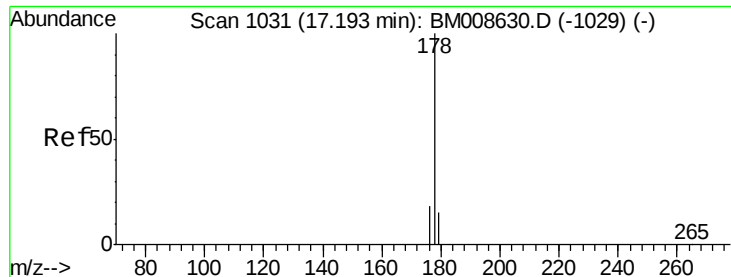
Ion Ratio Lower Upper

178 100

176 39.6 18.4 27.6#

179 46.8 13.6 20.4#





#13

Anthracene

Concen: 0.03 ng/ul

RT: 17.18 min Scan# 1030

Delta R.T. -0.02 min

Lab File: BM008636.D

Acq: 24 Dec 2016 17:03

Instrument :

BNA_M

ClientSampleId :

DA870DL

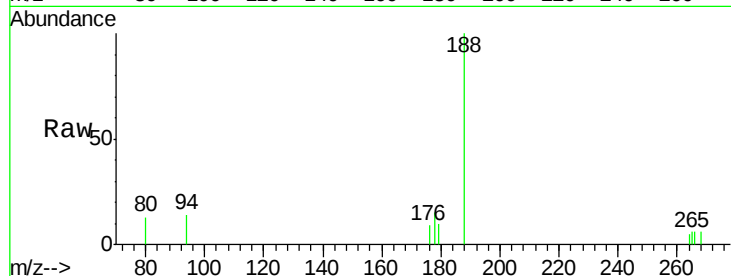
Tgt Ion:178 Resp: 122

Ion Ratio Lower Upper

178 100

176 59.5 18.1 27.1#

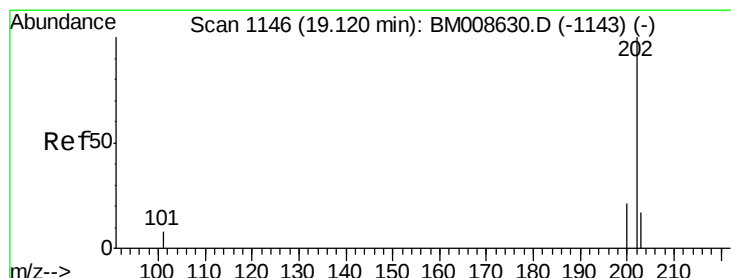
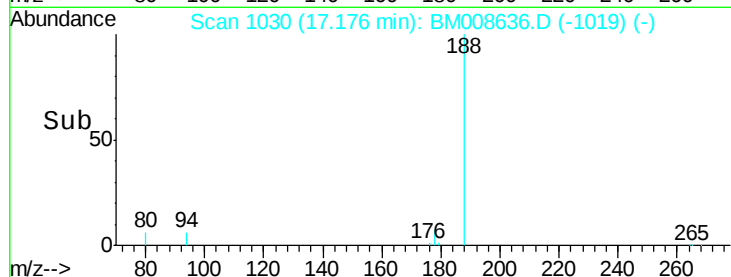
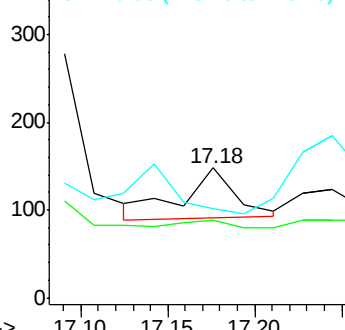
179 68.9 14.7 22.1#



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: 0.28 ng/ul

RT: 19.13 min Scan# 1146

Delta R.T. 0.01 min

Lab File: BM008636.D

Acq: 24 Dec 2016 17:03

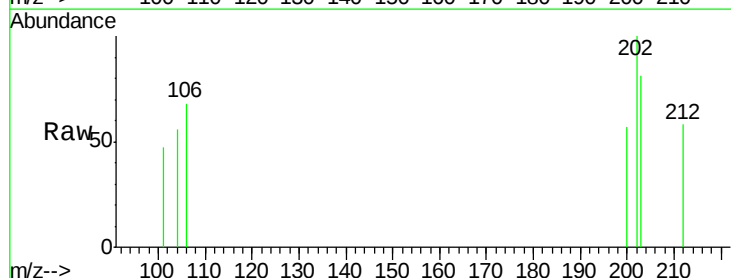
Tgt Ion:202 Resp: 1618

Ion Ratio Lower Upper

202 100

101 47.3 0.0 30.3#

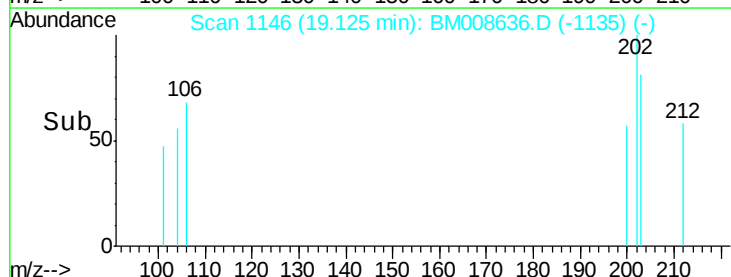
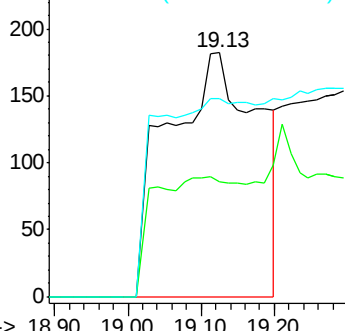
203 81.3 0.0 39.5#

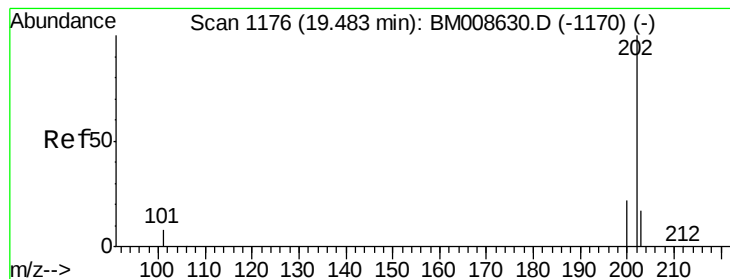


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#17

Pyrene

Concen: 0.03 ng/ul

RT: 19.49 min Scan# 1176

Delta R.T. 0.01 min

Lab File: BM008636.D

Acq: 24 Dec 2016 17:03

Instrument :

BNA_M

ClientSampleId :

DA870DL

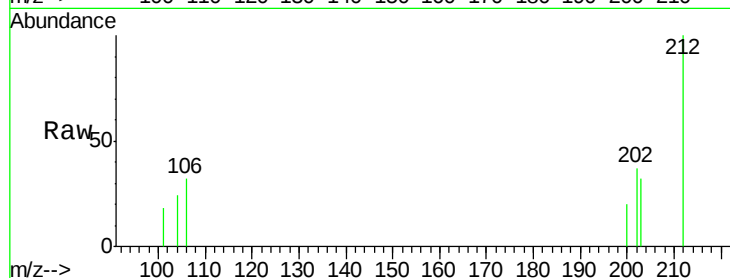
Tgt Ion:202 Resp: 205

Ion Ratio Lower Upper

202 100

200 54.5 18.2 27.4#

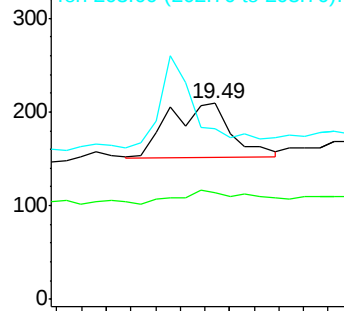
203 87.1 15.6 23.4#



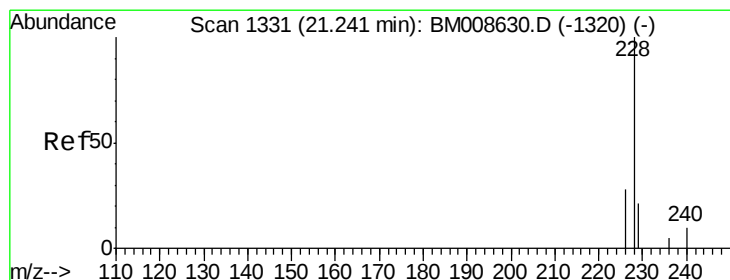
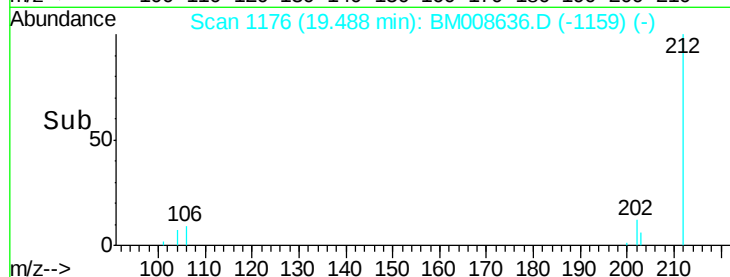
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#18

Benzo(a)anthracene

Concen: 0.03 ng/ul

RT: 21.24 min Scan# 1331

Delta R.T. 0.00 min

Lab File: BM008636.D

Acq: 24 Dec 2016 17:03

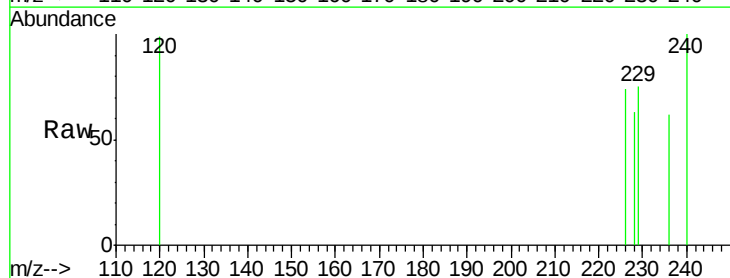
Tgt Ion:228 Resp: 160

Ion Ratio Lower Upper

228 100

226 117.6 22.8 34.2#

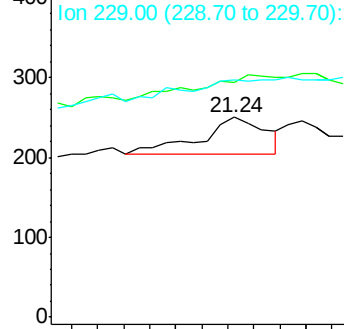
229 118.8 17.0 25.6#



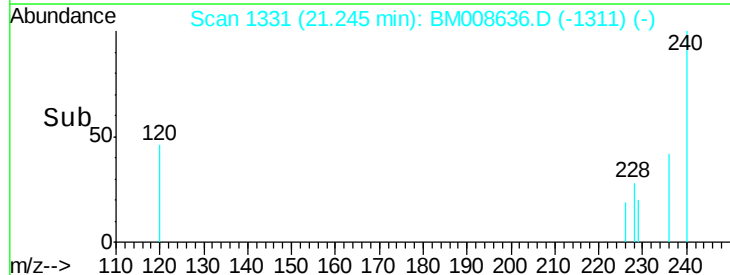
Abundance Ion 228.00 (227.70 to 228.70): E

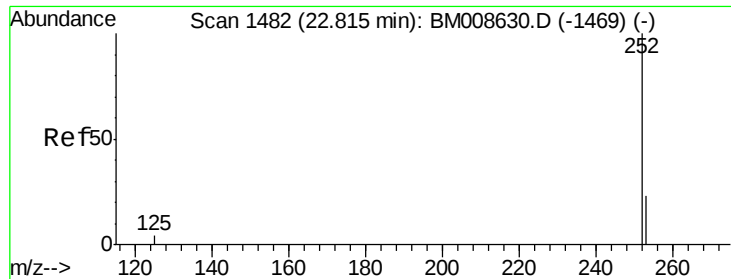
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->





#21

Benzo(b)fluoranthene

Concen: 0.02 ng/ul

RT: 22.82 min Scan# 1482

Delta R.T. 0.00 min

Lab File: BM008636.D

Acq: 24 Dec 2016 17:03

Instrument :

BNA_M

ClientSampleId :

DA870DL

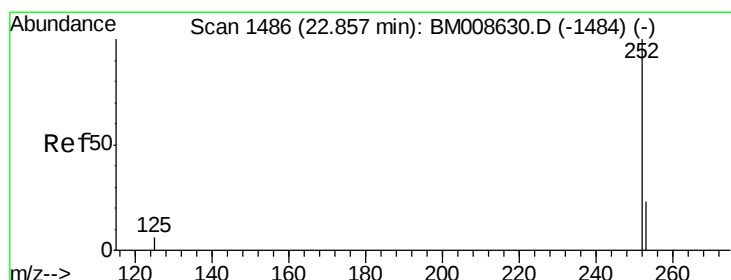
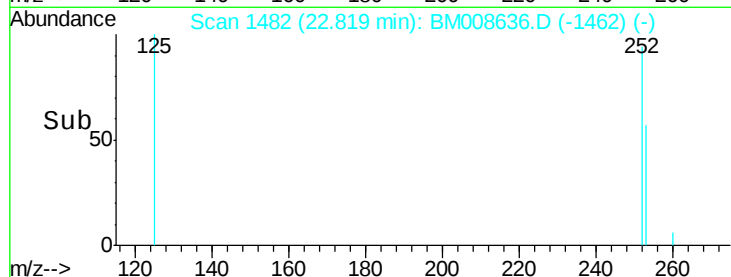
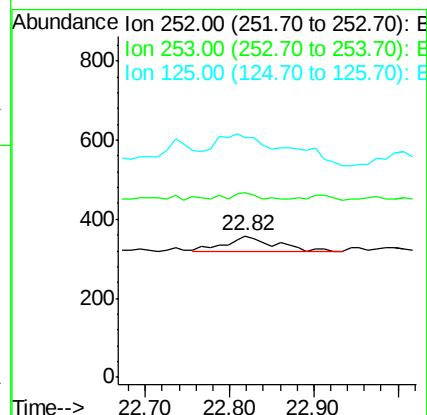
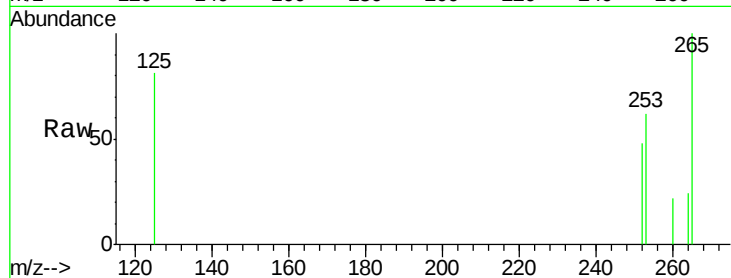
Tgt Ion:252 Resp: 153

Ion Ratio Lower Upper

252 100

253 131.0 0.0 64.2#

125 169.3 0.0 35.0#



#22

Benzo(k)fluoranthene

Concen: 0.02 ng/ul

RT: 22.82 min Scan# 1482

Delta R.T. -0.04 min

Lab File: BM008636.D

Acq: 24 Dec 2016 17:03

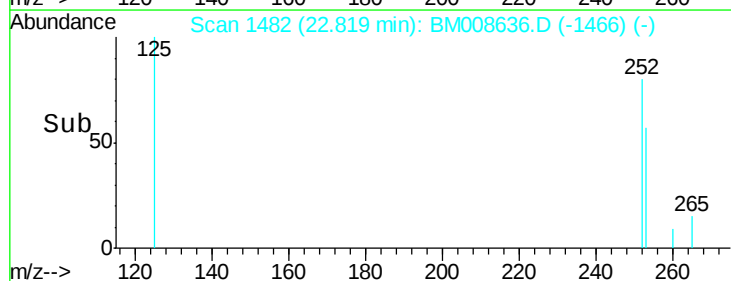
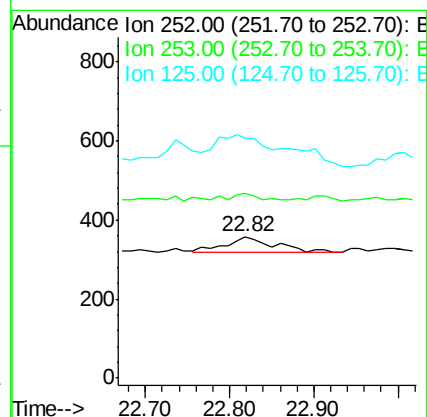
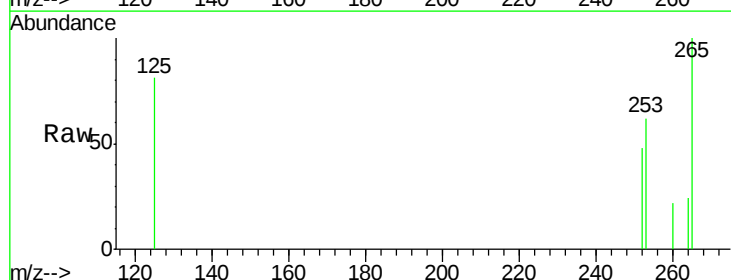
Tgt Ion:252 Resp: 159

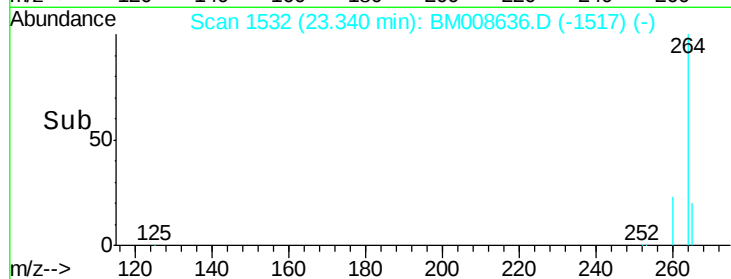
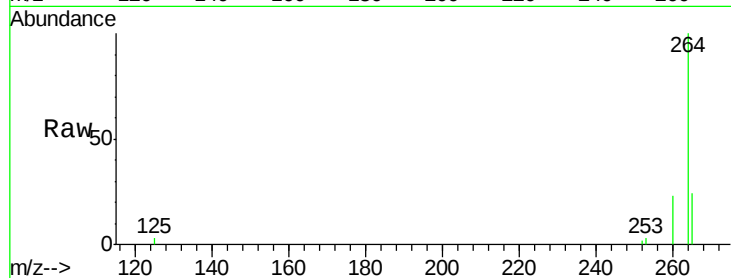
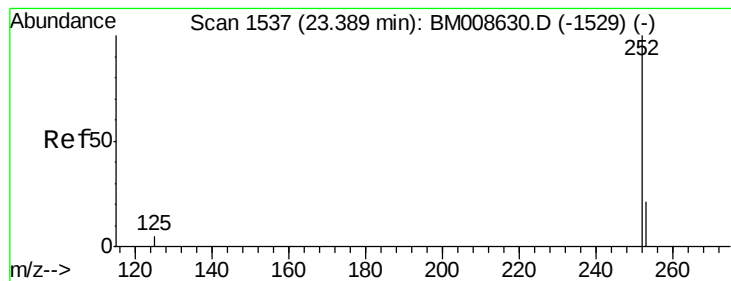
Ion Ratio Lower Upper

252 100

253 131.0 24.5 36.7#

125 169.3 13.7 20.5#





#23

Benzo(a)pyrene

Concen: 0.05 ng/ul

RT: 23.34 min Scan# 1532

Delta R.T. -0.05 min

Lab File: BM008636.D

Acq: 24 Dec 2016 17:03

Instrument :

BNA_M

ClientSampleId :

DA870DL

Tgt Ion: 252 Resp: 333

Ion Ratio Lower Upper

252 100

253 121.0 28.5 42.7#

125 143.7 18.1 27.1#

