

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122416\
 Data File : BM008639.D
 Acq On : 24 Dec 2016 18:50
 Operator : UM/SJ
 Sample : H6040-13DL 2X
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA8W6DL

Quant Time: Dec 26 00:01:43 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

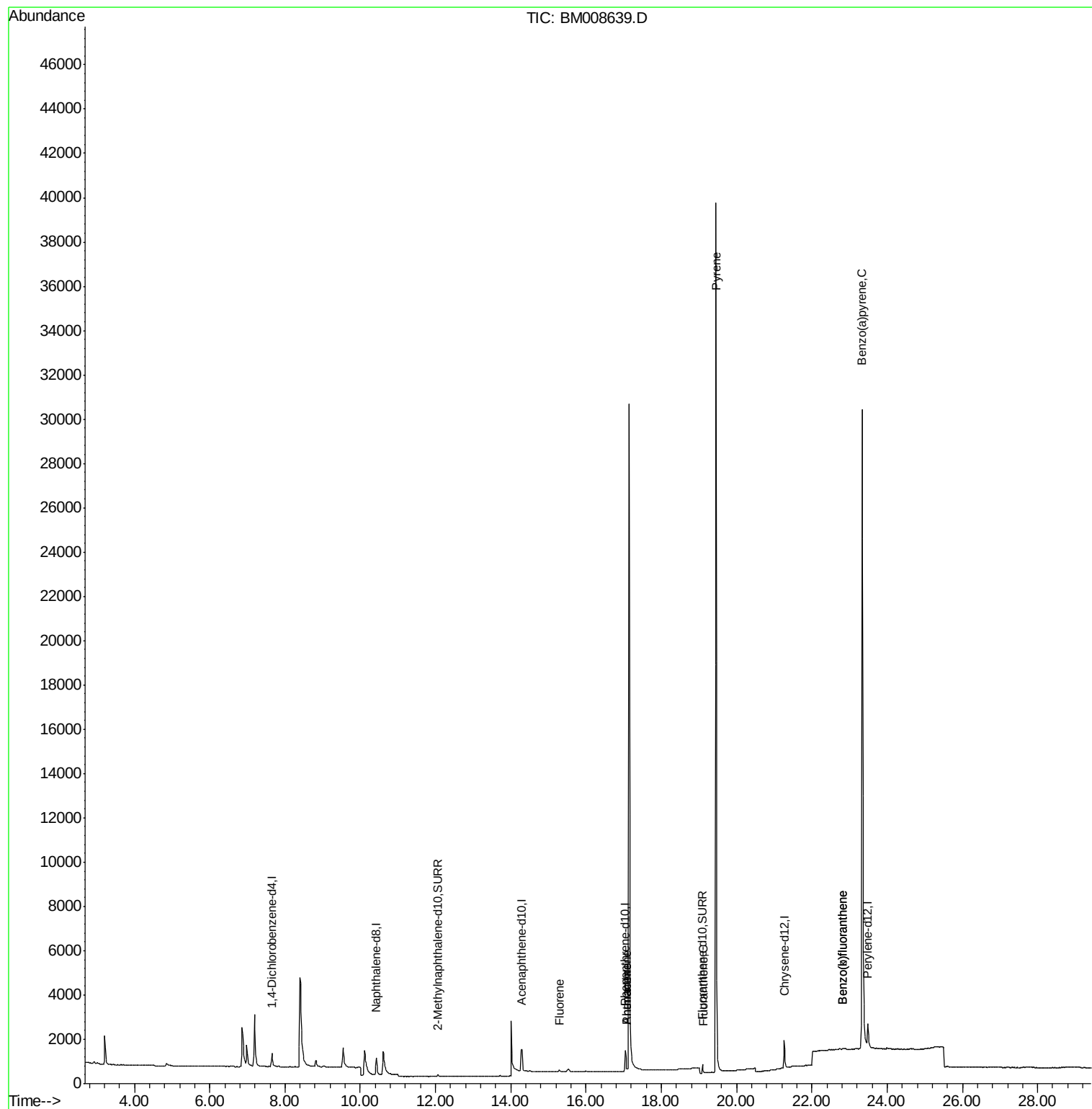
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	475	0.40	ng/ul	-0.03
2) Naphthalene-d8	10.43	136	1442	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.30	164	835	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	1510	0.40	ng/ul	-0.02
16) Chrysene-d12	21.27	240	1548	0.40	ng/ul	0.00
20) Perylene-d12	23.49	264	1928	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.06	152	240	0.11	ng/ul	0.01
14) Fluoranthene-d10	19.09	212	1103	0.27	ng/ul	0.00
Target Compounds						
					Qvalue	
9) Fluorene	15.29	166	110	0.03	ng/ul#	52
12) Phenanthrene	17.09	178	192	0.04	ng/ul#	9
13) Anthracene	17.09	178	181	0.04	ng/ul#	11
15) Fluoranthene	19.13	202	208	0.04	ng/ul#	1
17) Pyrene	19.45	202	203	0.03	ng/ul#	1
21) Benzo(b)fluoranthene	22.82	252	156	0.02	ng/ul#	1
22) Benzo(k)fluoranthene	22.82	252	156	0.02	ng/ul#	1
23) Benzo(a)pyrene	23.34	252	275	0.04	ng/ul#	1

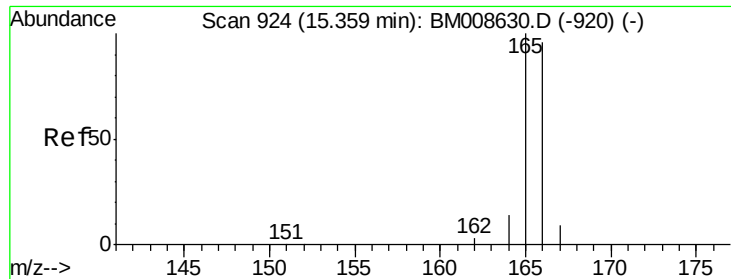
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122416\
Data File : BM008639.D
Acq On : 24 Dec 2016 18:50
Operator : UM/SJ
Sample : H6040-13DL 2X
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA8W6DL

Quant Time: Dec 26 00:01:43 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





#9

Fluorene

Concen: 0.03 ng/ul

RT: 15.29 min Scan# 920

Delta R.T. -0.07 min

Lab File: BM008639.D

Acq: 24 Dec 2016 18:50

Instrument :

BNA_M

ClientSampleId :

DA8W6DL

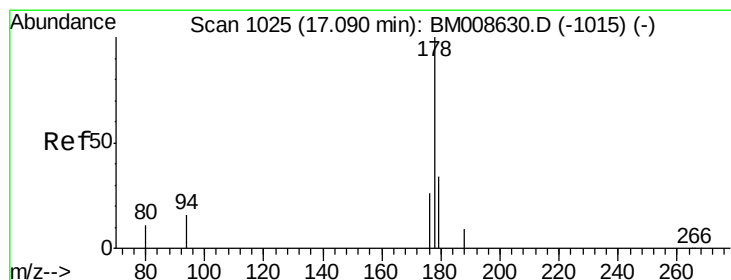
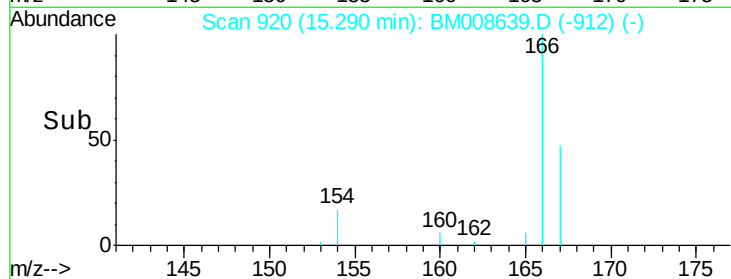
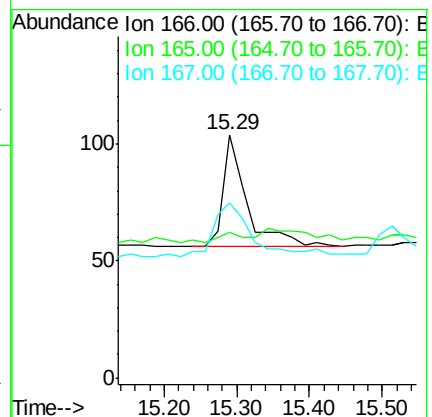
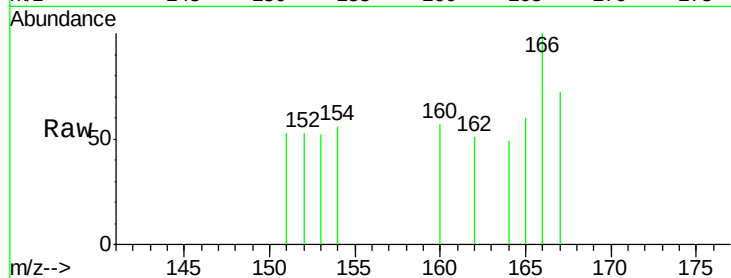
Tgt Ion:166 Resp: 110

Ion Ratio Lower Upper

166 100

165 59.6 73.4 110.2#

167 72.1 14.6 22.0#



#12

Phenanthrene

Concen: 0.04 ng/ul

RT: 17.09 min Scan# 1025

Delta R.T. 0.00 min

Lab File: BM008639.D

Acq: 24 Dec 2016 18:50

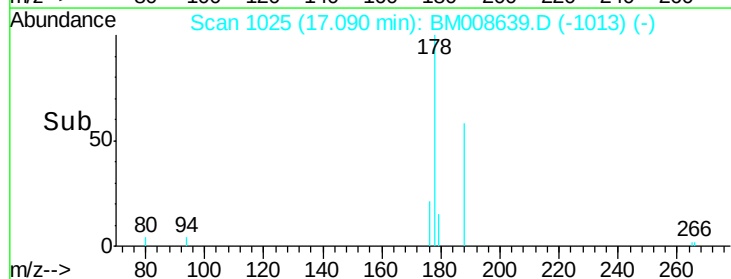
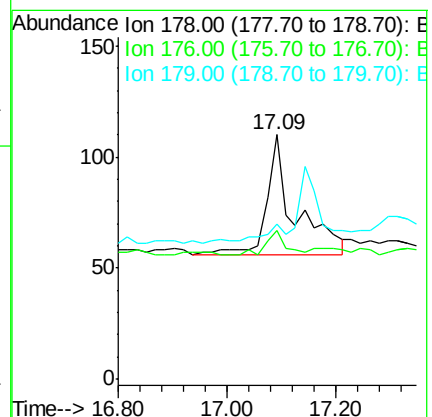
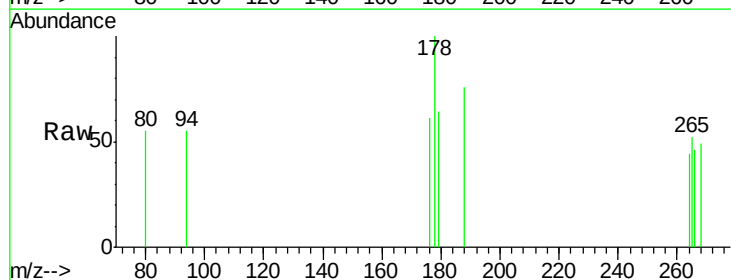
Tgt Ion:178 Resp: 192

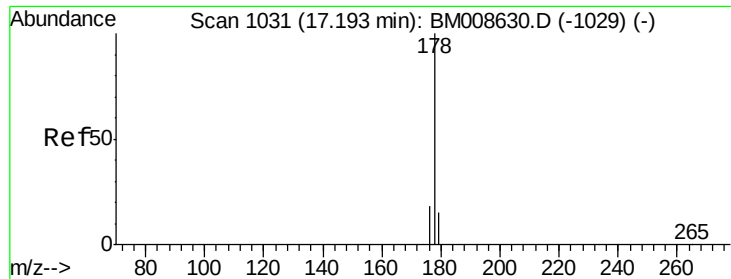
Ion Ratio Lower Upper

178 100

176 60.9 18.4 27.6#

179 63.6 13.6 20.4#





#13

Anthracene

Concen: 0.04 ng/ul

RT: 17.09 min Scan# 1025

Delta R.T. -0.10 min

Lab File: BM008639.D

Acq: 24 Dec 2016 18:50

Instrument :

BNA_M

ClientSampleId :

DA8W6DL

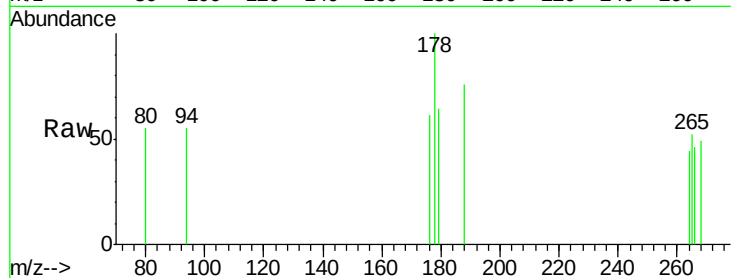
Tgt Ion:178 Resp: 181

Ion Ratio Lower Upper

178 100

176 60.9 18.1 27.1#

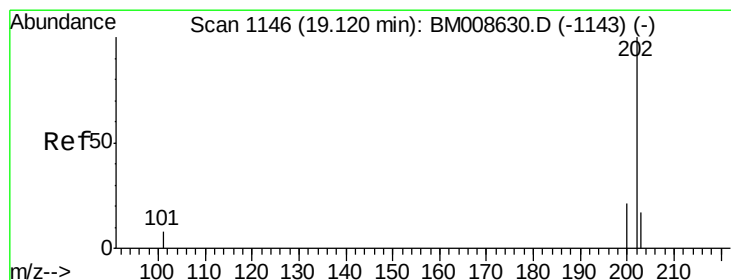
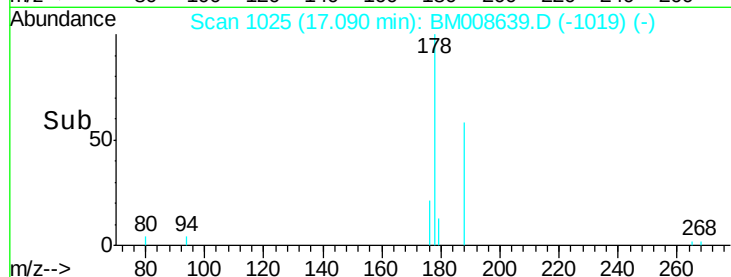
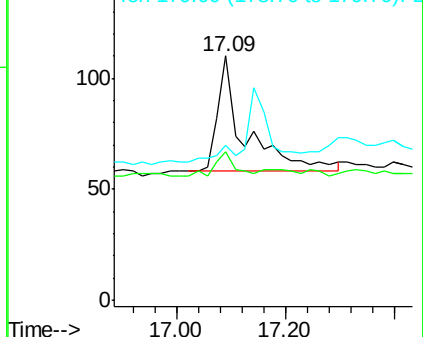
179 63.6 14.7 22.1#



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: 0.04 ng/ul

RT: 19.13 min Scan# 1146

Delta R.T. 0.01 min

Lab File: BM008639.D

Acq: 24 Dec 2016 18:50

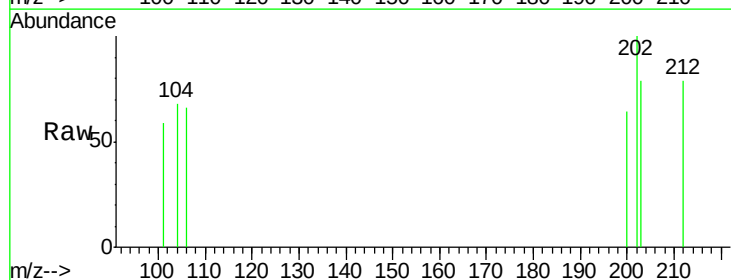
Tgt Ion:202 Resp: 208

Ion Ratio Lower Upper

202 100

101 58.9 0.0 30.3#

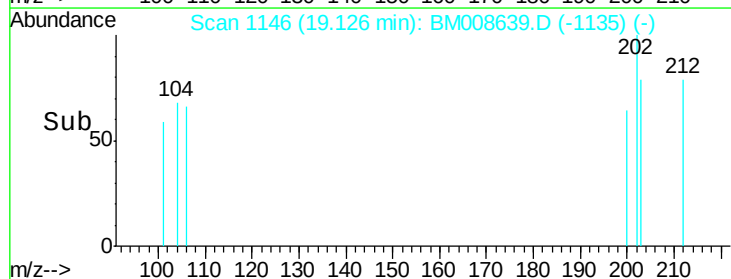
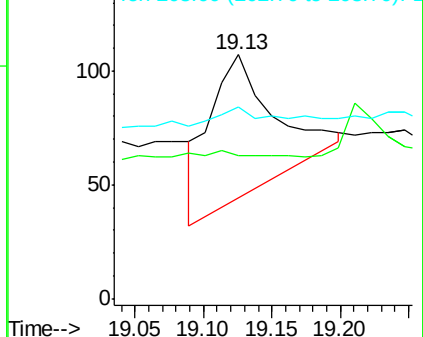
203 78.5 0.0 39.5#

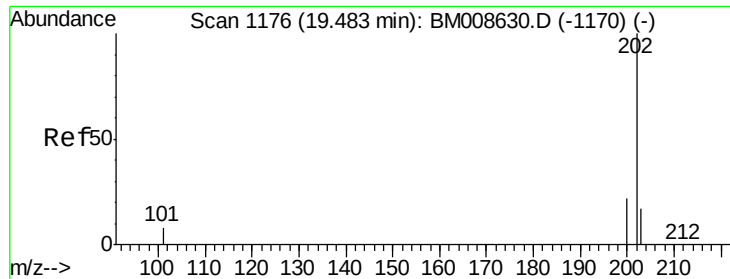


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

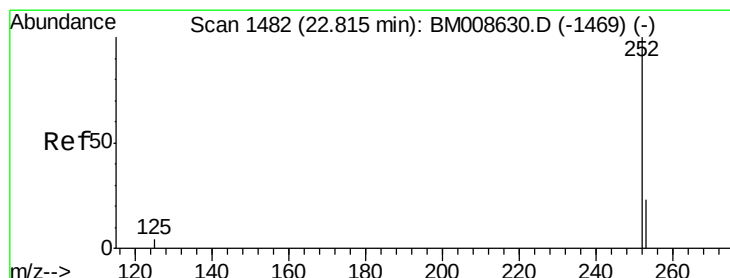
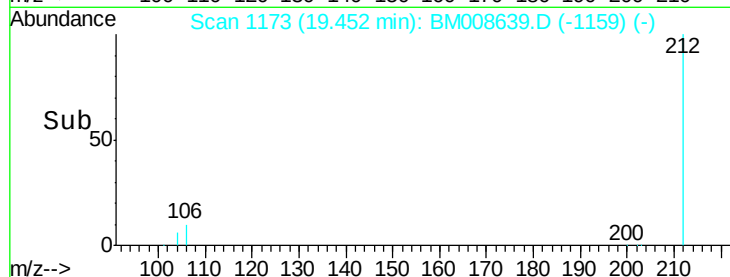
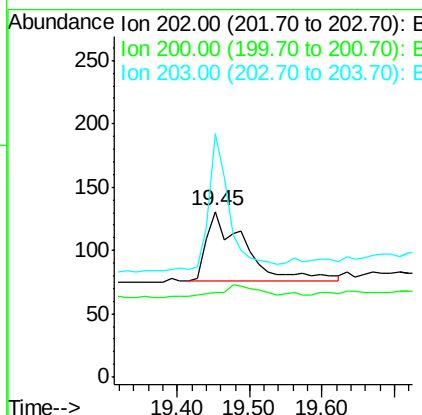
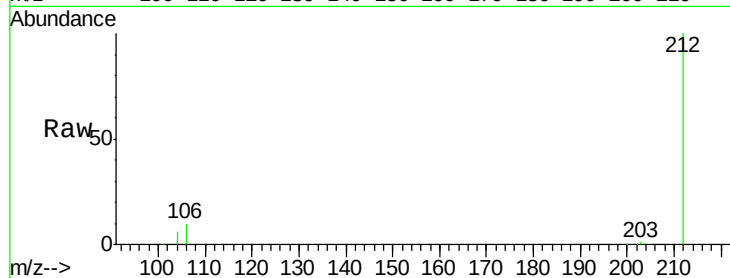




#17
Pyrene
 Concen: 0.03 ng/ul
 RT: 19.45 min Scan# 1173
 Delta R.T. -0.03 min
 Lab File: BM008639.D
 Acq: 24 Dec 2016 18:50

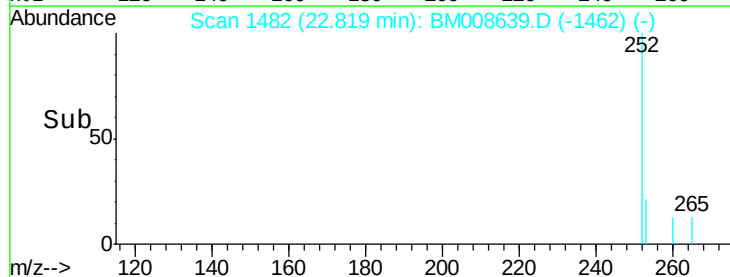
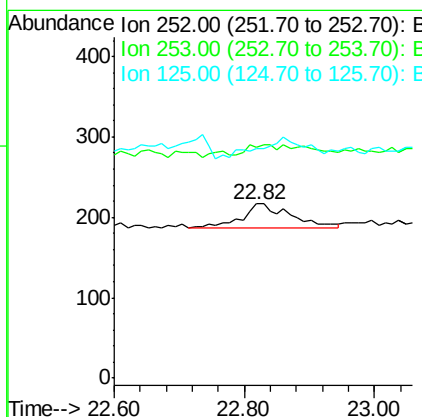
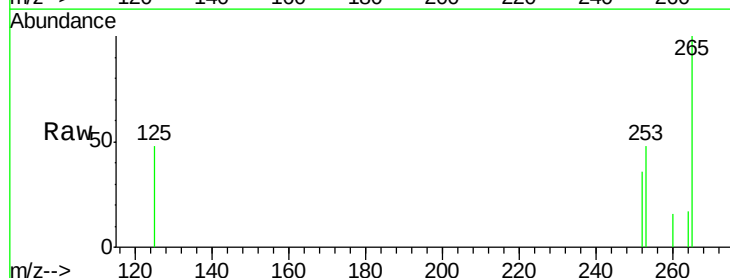
Instrument :
 BNA_M
 ClientSampleId :
 DA8W6DL

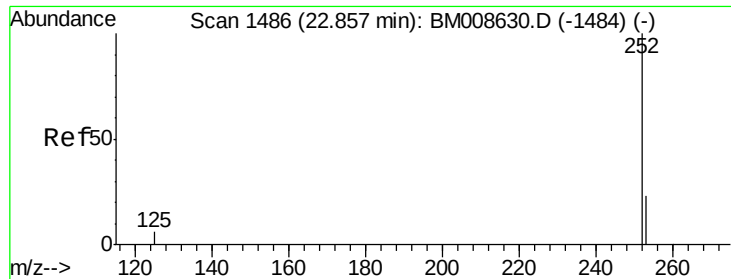
Tgt Ion: 202 Resp: 203
 Ion Ratio Lower Upper
 202 100
 200 51.1 18.2 27.4#
 203 146.6 15.6 23.4#



#21
Benzo(b)fluoranthene
 Concen: 0.02 ng/ul
 RT: 22.82 min Scan# 1482
 Delta R.T. 0.00 min
 Lab File: BM008639.D
 Acq: 24 Dec 2016 18:50

Tgt Ion: 252 Resp: 156
 Ion Ratio Lower Upper
 252 100
 253 132.3 0.0 64.2#
 125 131.3 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: BM008639.D

Acq: 24 Dec 2016 18:50

Instrument :

BNA_M

ClientSampleId :

DA8W6DL

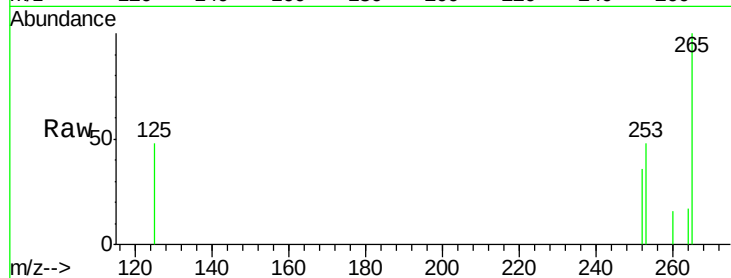
Tgt Ion:252 Resp: 156

Ion Ratio Lower Upper

252 100

253 132.3 24.5 36.7#

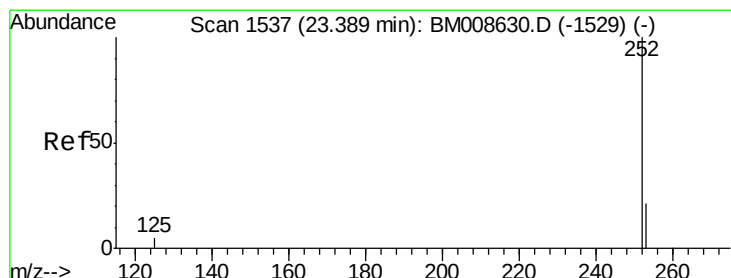
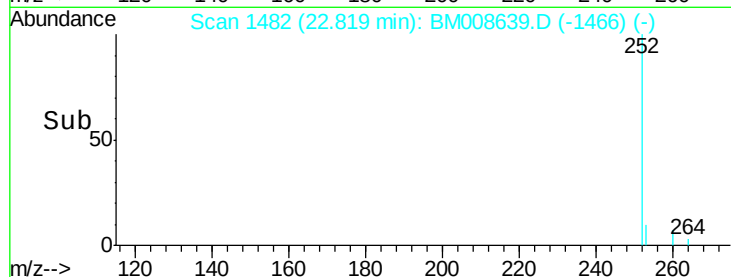
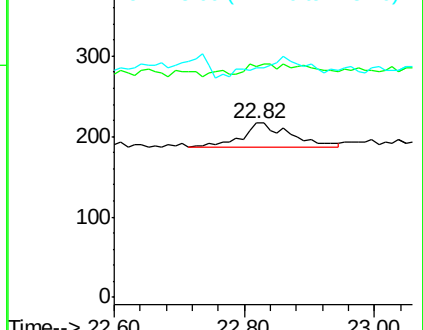
125 131.3 13.7 20.5#



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: 0.04 ng/ul

RT: 23.34 min Scan# 1532

Delta R.T. -0.05 min

Lab File: BM008639.D

Acq: 24 Dec 2016 18:50

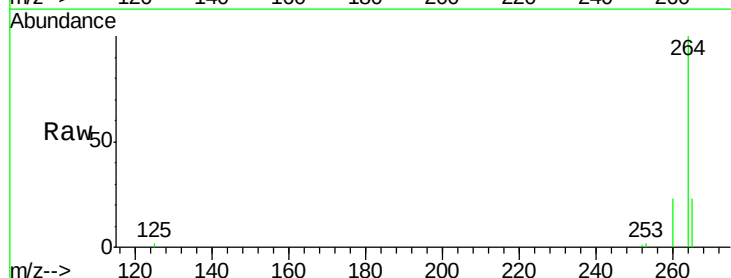
Tgt Ion:252 Resp: 275

Ion Ratio Lower Upper

252 100

253 112.7 28.5 42.7#

125 111.3 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

