

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121016\
 Data File : BM008228.D
 Acq On : 10 Dec 2016 12:39
 Operator : UM/SJ
 Sample : H5863-04DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 12 02:48:06 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 12 02:45:24 2016
 Response via : Initial Calibration

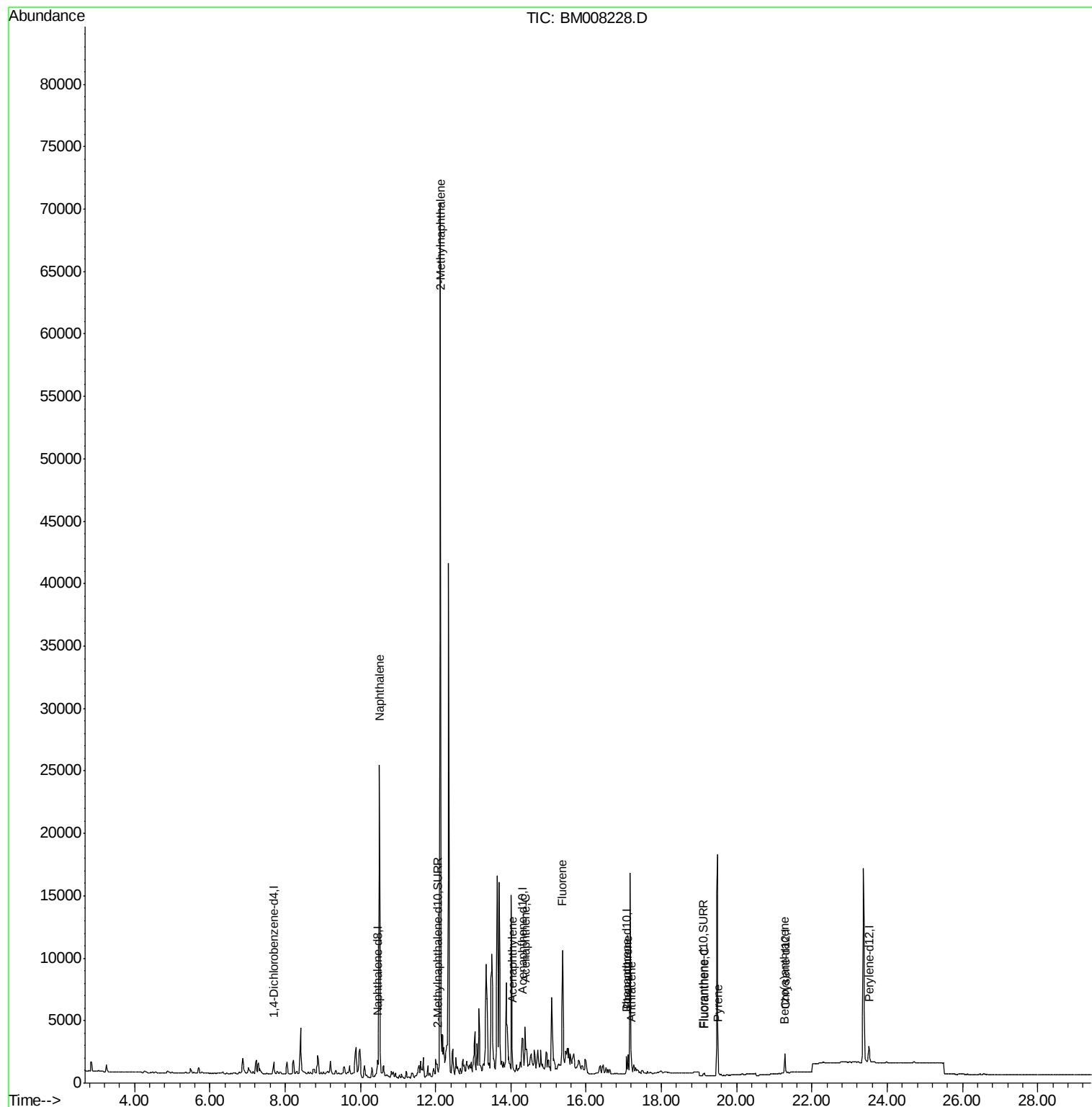
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	586	0.40	ng/ul	0.00
2) Naphthalene-d8	10.46	136	1876	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.31	164	1161	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.07	188	1791	0.40	ng/ul	-0.02
16) Chrysene-d12	21.28	240	1655	0.40	ng/ul	0.00
20) Perylene-d12	23.51	264	1730	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.06	152	169	0.06	ng/ul	-0.02
14) Fluoranthene-d10	19.12	212	592	0.12	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.51	128	35138	6.70	ng/ul	93
5) 2-Methylnaphthalene	12.12	142	48512	14.35	ng/ul	99
7) Acenaphthylene	14.04	152	906	0.17	ng/ul#	1
8) Acenaphthene	14.38	153	2716	0.68	ng/ul	99
9) Fluorene	15.38	166	6303	1.37	ng/ul	85
12) Phenanthrene	17.11	178	2201	0.39	ng/ul#	90
13) Anthracene	17.21	178	447	0.09	ng/ul#	65
15) Fluoranthene	19.14	202	509	0.07	ng/ul#	31
17) Pyrene	19.51	202	299	0.05	ng/ul#	41
18) Benzo(a)anthracene	21.26	228	154	0.03	ng/ul#	1

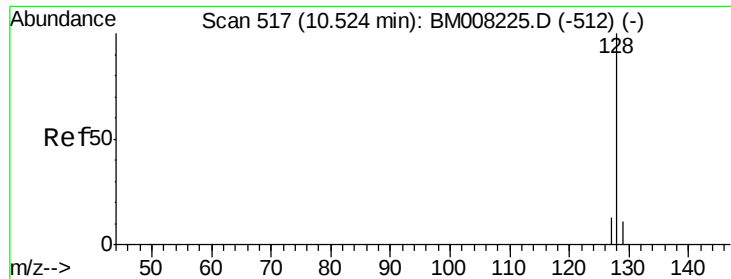
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121016\
Data File : BM008228.D
Acq On : 10 Dec 2016 12:39
Operator : UM/SJ
Sample : H5863-04DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Dec 12 02:48:06 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 12 02:45:24 2016
Response via : Initial Calibration





#3

Naphthalene

Concen: 6.70 ng/ul

RT: 10.51 min Scan# 516

Delta R.T. -0.01 min

Lab File: BM008228.D

Acq: 10 Dec 2016 12:39

Instrument :

BNA_M

ClientSampleId :

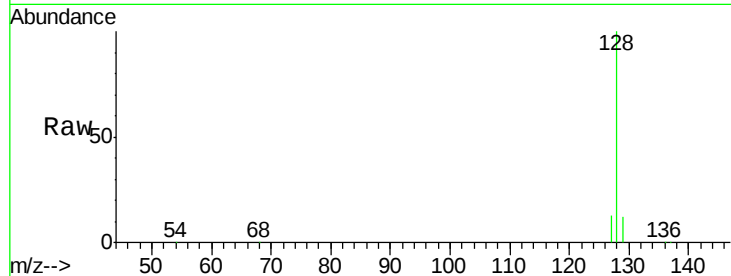
Tot Ion:128 Resp: 35138

Ion Ratio Lower Upper

128 100

129 11.6 11.3 16.9

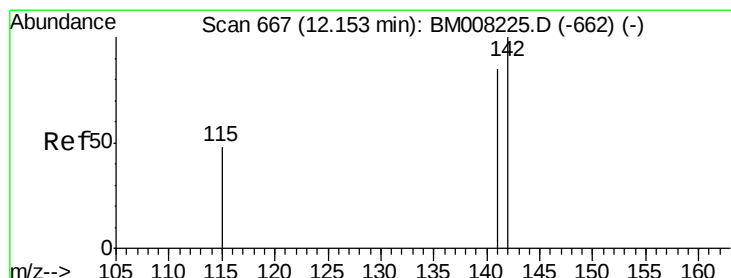
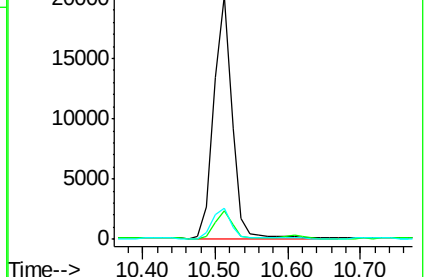
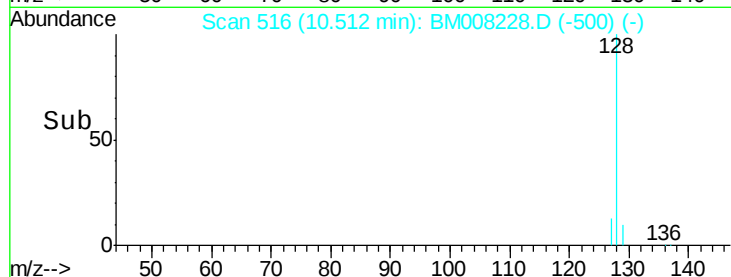
127 13.0 12.8 19.2



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: 14.35 ng/ul

RT: 12.12 min Scan# 664

Delta R.T. -0.03 min

Lab File: BM008228.D

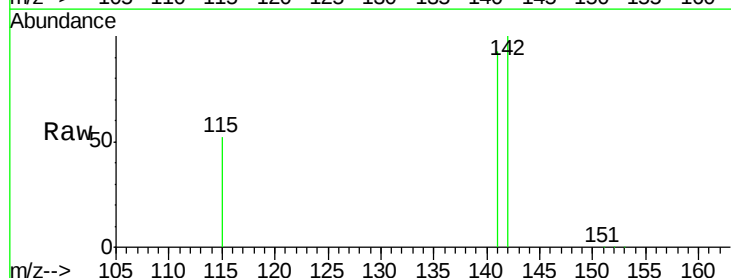
Acq: 10 Dec 2016 12:39

Tgt Ion:142 Resp: 48512

Ion Ratio Lower Upper

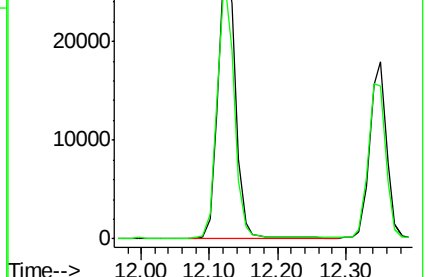
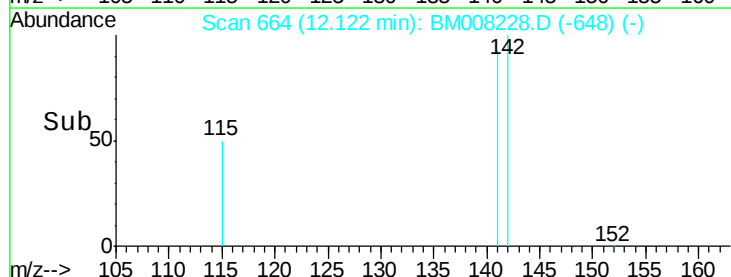
142 100

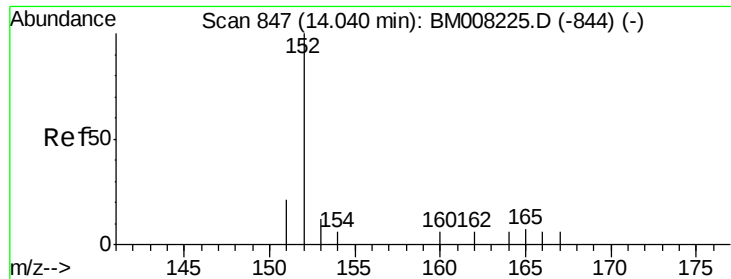
141 89.6 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.17 ng/ul

RT: 14.04 min Scan# 847

Delta R.T. -0.00 min

Lab File: BM008228.D

Acq: 10 Dec 2016 12:39

Instrument :

BNA_M

ClientSampleId :

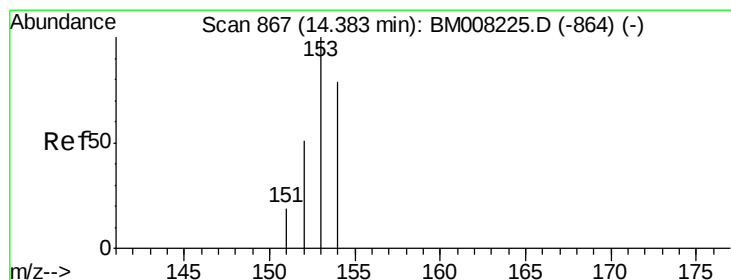
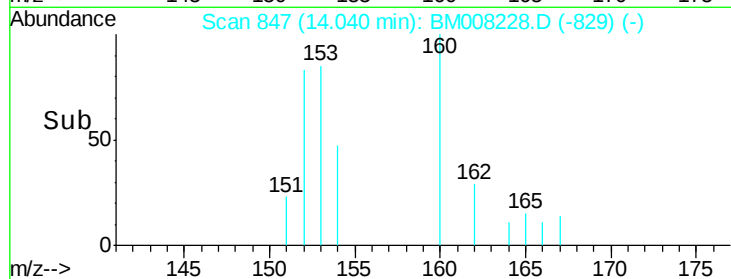
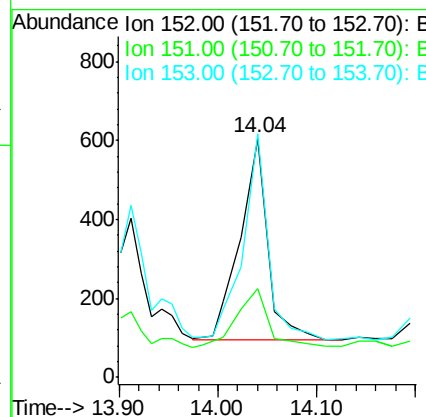
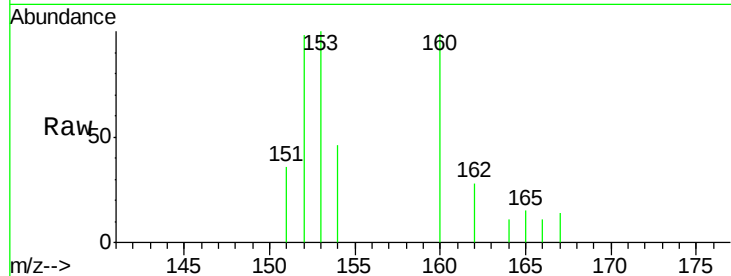
Tot Ion:152 Resp: 906

Ion Ratio Lower Upper

152 100

151 37.2 17.1 25.7#

153 102.0 12.8 19.2#



#8

Acenaphthene

Concen: 0.68 ng/ul

RT: 14.38 min Scan# 867

Delta R.T. -0.00 min

Lab File: BM008228.D

Acq: 10 Dec 2016 12:39

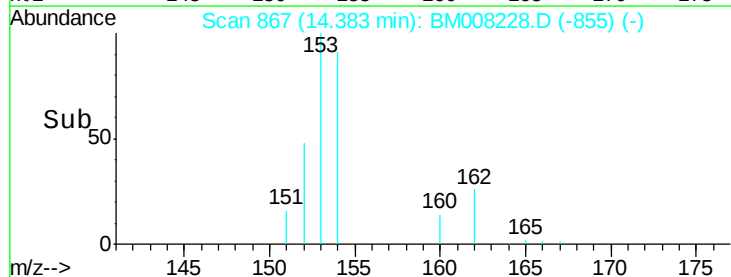
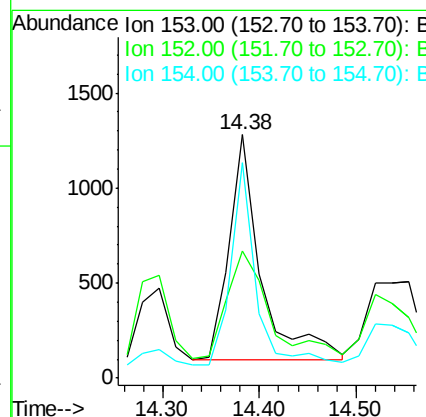
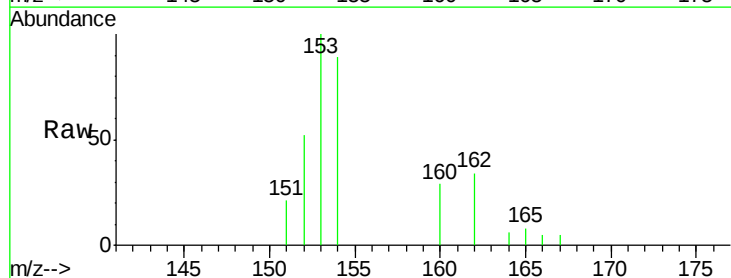
Tgt Ion:153 Resp: 2716

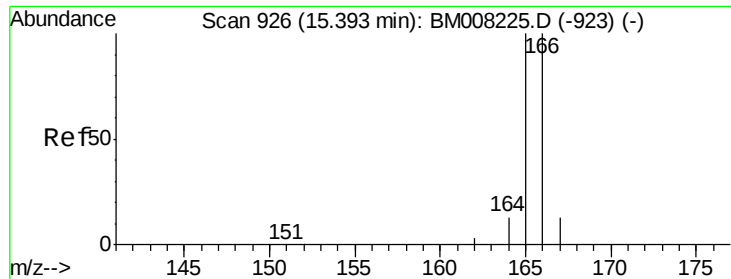
Ion Ratio Lower Upper

153 100

152 52.1 40.3 60.5

154 88.7 71.4 107.2





#9

Fluorene

Concen: 1.37 ng/ul

RT: 15.38 min Scan# 925

Delta R.T. -0.02 min

Lab File: BM008228.D

Acq: 10 Dec 2016 12:39

Instrument :

BNA_M

ClientSampleId :

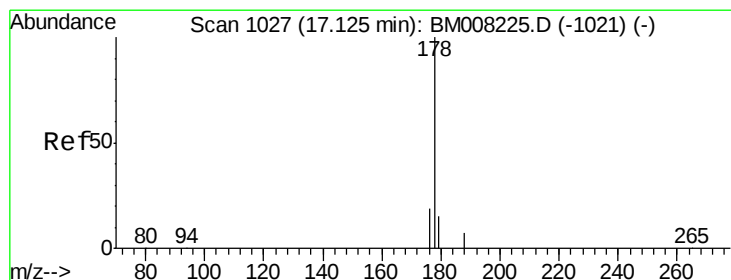
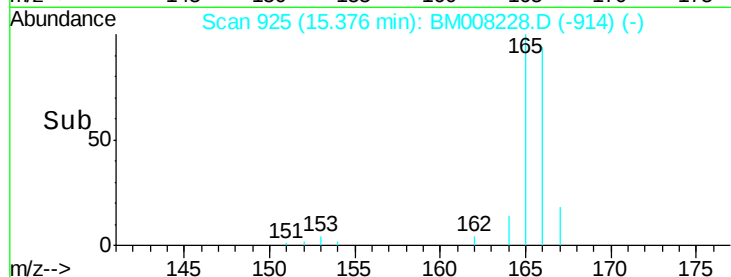
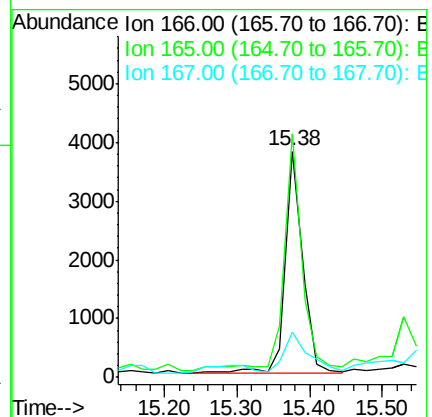
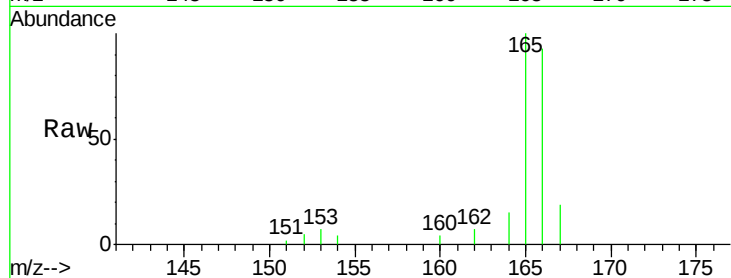
Tot Ion:166 Resp: 6303

Ion Ratio Lower Upper

166 100

165 107.8 73.4 110.2

167 20.3 14.6 22.0



#12

Phenanthrene

Concen: 0.39 ng/ul

RT: 17.11 min Scan# 1026

Delta R.T. -0.02 min

Lab File: BM008228.D

Acq: 10 Dec 2016 12:39

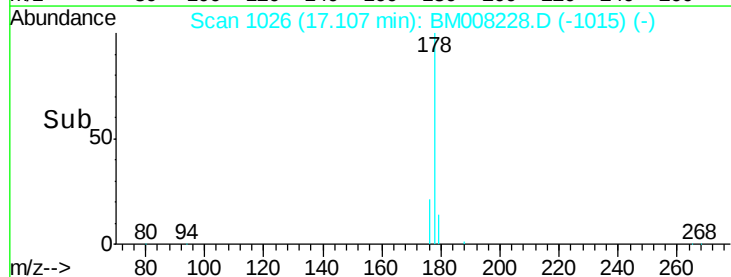
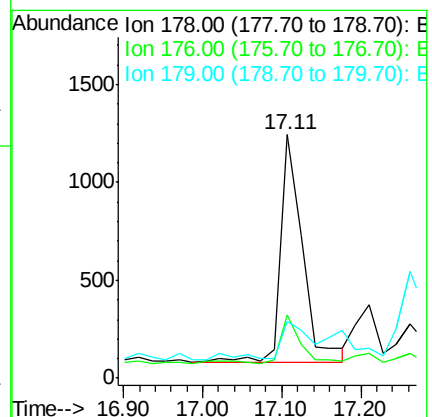
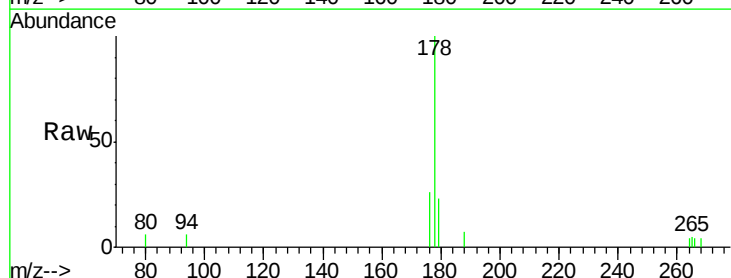
Tgt Ion:178 Resp: 2201

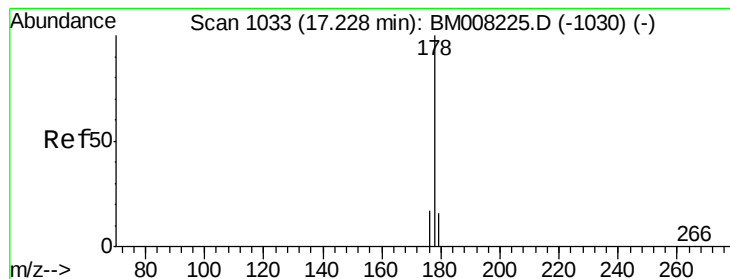
Ion Ratio Lower Upper

178 100

176 26.1 18.4 27.6

179 23.3 13.6 20.4#





#13

Anthracene

Concen: 0.09 ng/ul

RT: 17.21 min Scan# 1032

Delta R.T. -0.02 min

Lab File: BM008228.D

Acq: 10 Dec 2016 12:39

Instrument :

BNA_M

ClientSampleId :

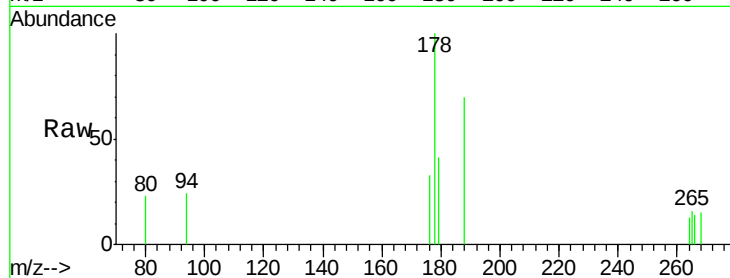
Tot Ion:178 Resp: 447

Ion Ratio Lower Upper

178 100

176 33.1 18.1 27.1#

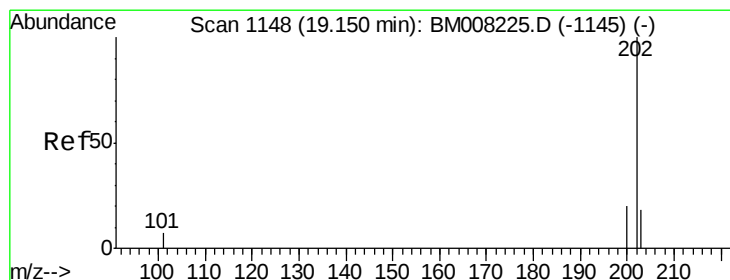
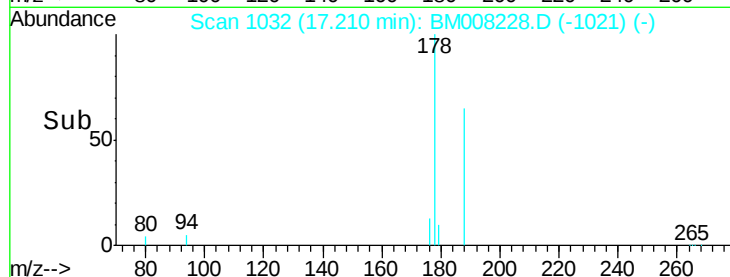
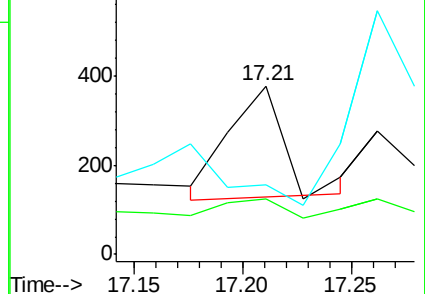
179 41.3 14.7 22.1#



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: 0.07 ng/ul

RT: 19.14 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BM008228.D

Acq: 10 Dec 2016 12:39

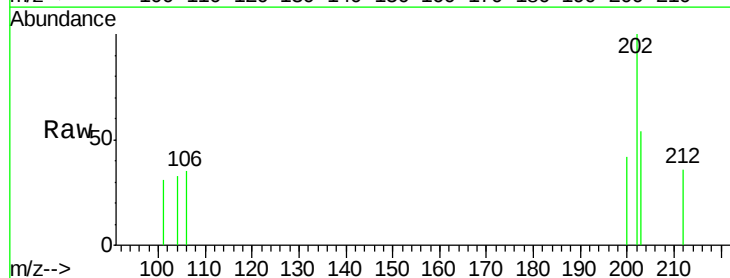
Tgt Ion:202 Resp: 509

Ion Ratio Lower Upper

202 100

101 31.4 0.0 30.3#

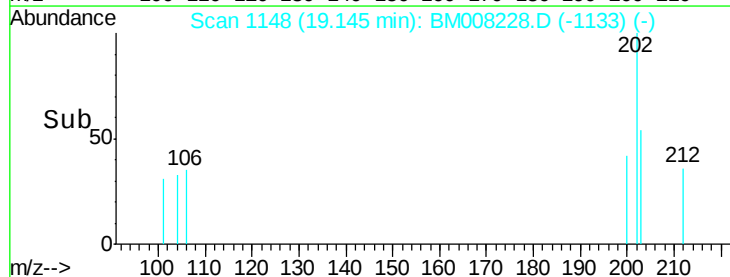
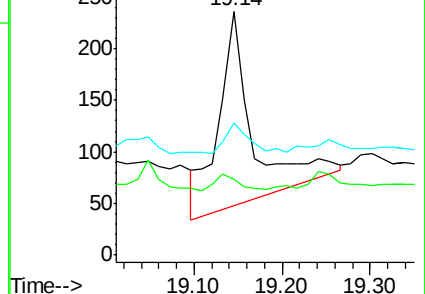
203 54.2 0.0 39.5#

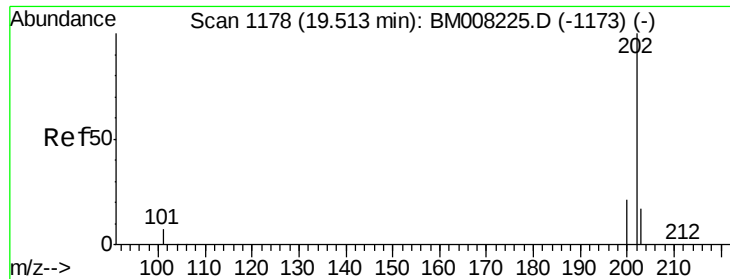


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

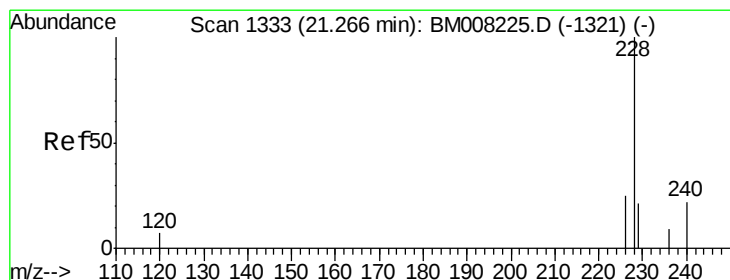
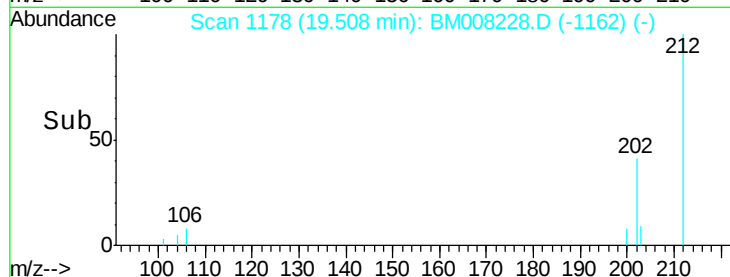
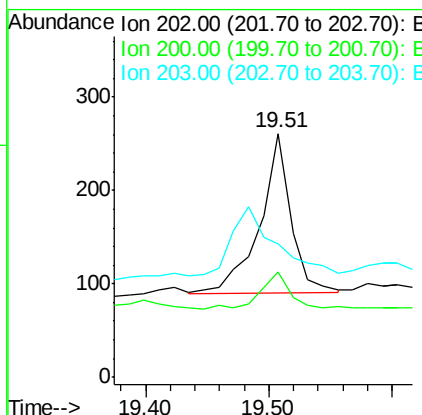
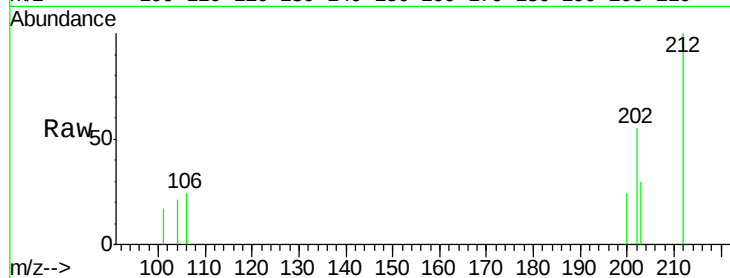




#17
Pvrene
Concen: 0.05 ng/ul
RT: 19.51 min Scan# 1178
Delta R.T. -0.01 min
Lab File: BM008228.D
Acq: 10 Dec 2016 12:39

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
200	43.3	18.2	27.4#
203	54.8	15.6	23.4#



#18
Benzo(a)anthracene
Concen: 0.03 ng/ul
RT: 21.26 min Scan# 1333
Delta R.T. -0.00 min
Lab File: BM008228.D
Acq: 10 Dec 2016 12:39

Tgt Ion	Ratio	Lower	Upper
228	100		
226	97.5	22.8	34.2#
229	96.9	17.0	25.6#

