

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121016\
 Data File : BM008237.D
 Acq On : 10 Dec 2016 18:05
 Operator : UM/SJ
 Sample : H5905-17
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 12 02:49:33 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

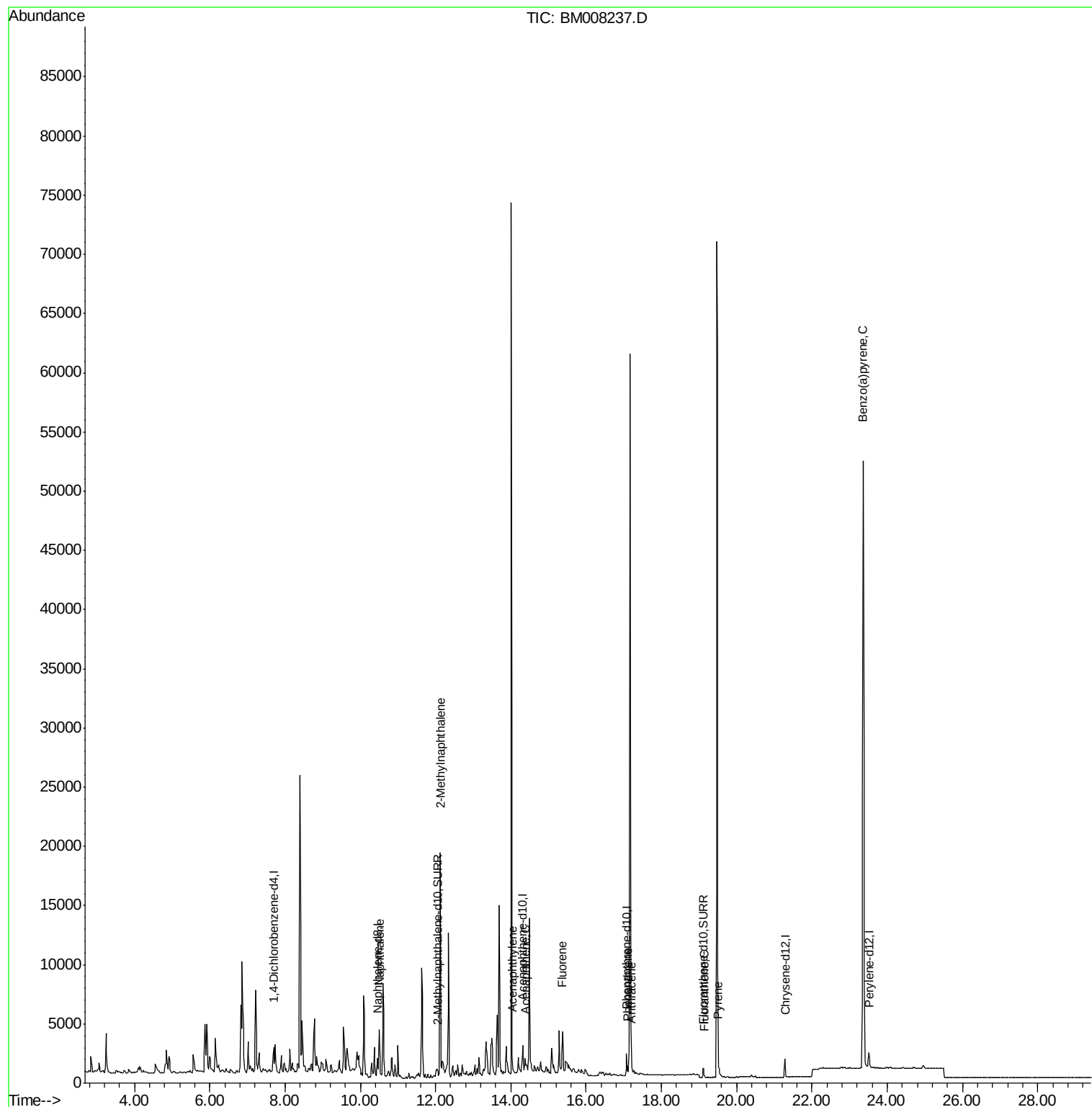
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	649	0.40	ng/ul	0.00
2) Naphthalene-d8	10.46	136	2220	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.31	164	1478	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.07	188	2344	0.40	ng/ul	-0.02
16) Chrysene-d12	21.28	240	1803	0.40	ng/ul	0.00
20) Perylene-d12	23.51	264	1813	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.05	152	845	0.27	ng/ul	-0.03
14) Fluoranthene-d10	19.12	212	1393	0.21	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.51	128	5978	0.96	ng/ul	96
5) 2-Methylnaphthalene	12.12	142	13105	3.27	ng/ul	99
7) Acenaphthylene	14.04	152	479	0.07	ng/ul#	1
8) Acenaphthene	14.38	153	871	0.17	ng/ul	96
9) Fluorene	15.38	166	2596	0.44	ng/ul#	87
12) Phenanthrene	17.11	178	1045	0.14	ng/ul#	83
13) Anthracene	17.21	178	203	0.03	ng/ul#	41
15) Fluoranthene	19.14	202	327	0.03	ng/ul#	4
17) Pyrene	19.51	202	437	0.07	ng/ul#	52
23) Benzo(a)pyrene	23.36	252	422	0.06	ng/ul#	5

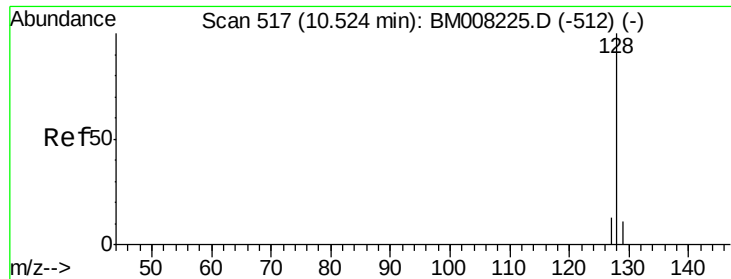
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Naphthalene

Concen: 0.96 ng/ul

RT: 10.51 min Scan# 516

Delta R.T. -0.01 min

Lab File: BM008237.D

Acq: 10 Dec 2016 18:05

Instrument :

BNA_M

ClientSampleId :

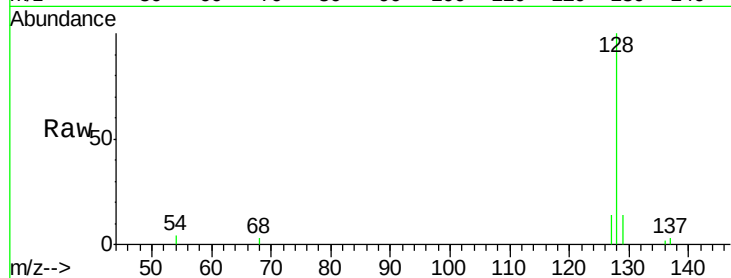
Tot Ion:128 Resp: 5978

Ion Ratio Lower Upper

128 100

129 13.5 11.3 16.9

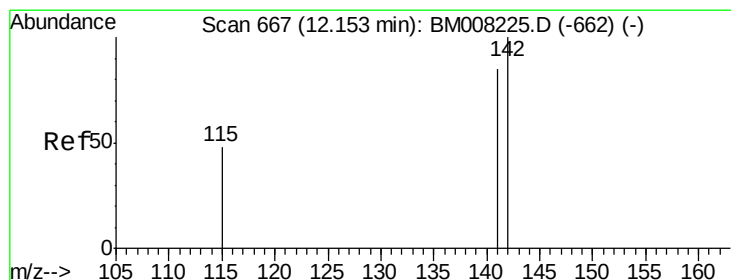
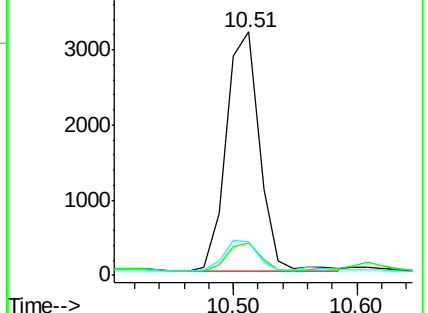
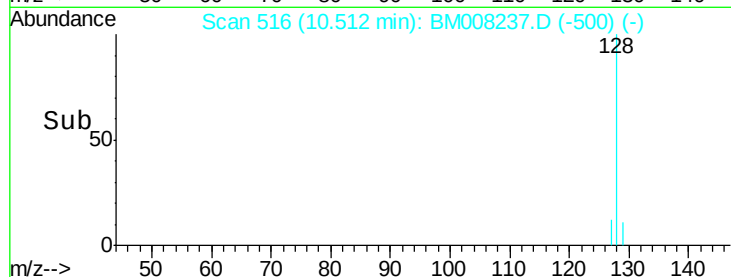
127 13.7 12.8 19.2



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: 3.27 ng/ul

RT: 12.12 min Scan# 664

Delta R.T. -0.03 min

Lab File: BM008237.D

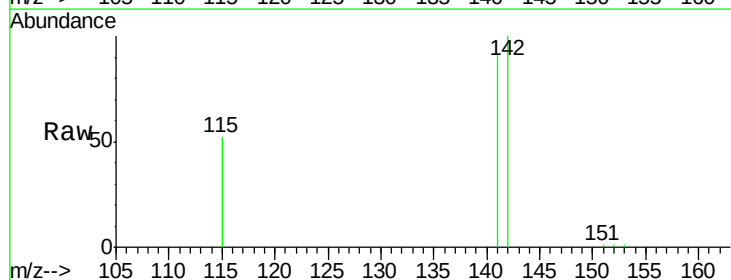
Acq: 10 Dec 2016 18:05

Tgt Ion:142 Resp: 13105

Ion Ratio Lower Upper

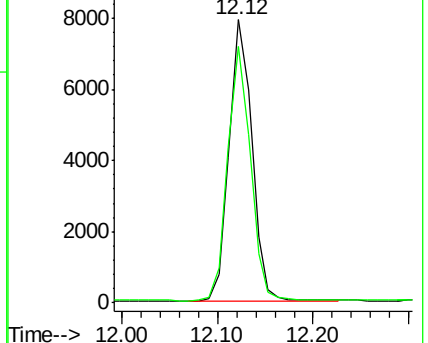
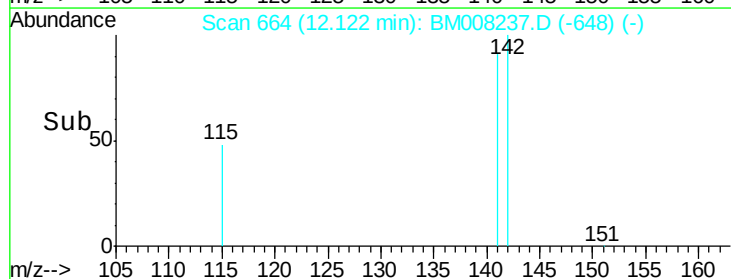
142 100

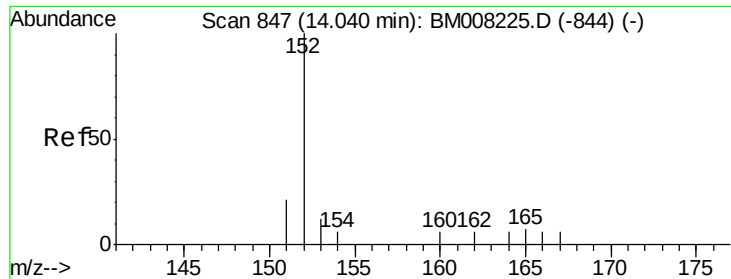
141 90.1 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.07 ng/ul

RT: 14.04 min Scan# 847

Delta R.T. 0.00 min

Lab File: BM008237.D

Acq: 10 Dec 2016 18:05

Instrument :

BNA_M

ClientSampled :

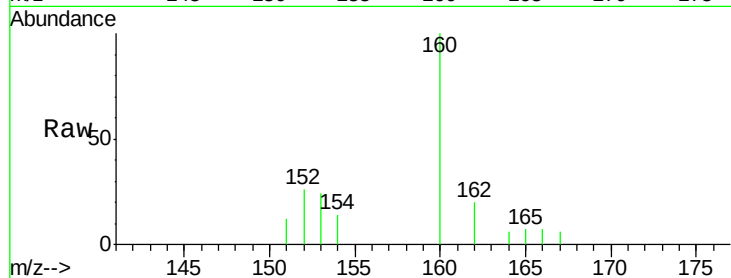
Tot Ion:152 Resp: 479

Ion Ratio Lower Upper

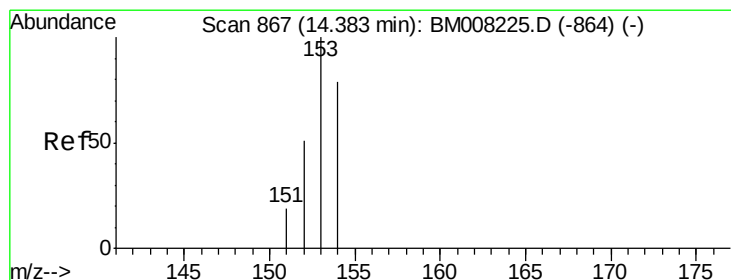
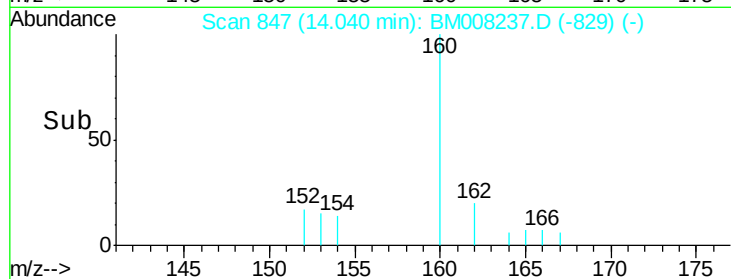
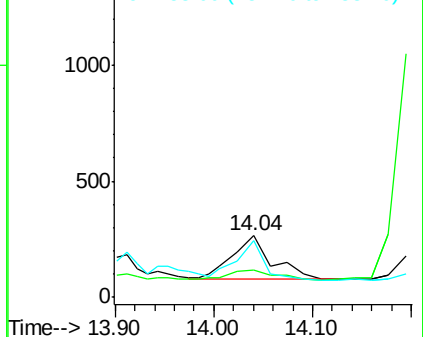
152 100

151 44.3 17.1 25.7#

153 92.4 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: 0.17 ng/ul

RT: 14.38 min Scan# 867

Delta R.T. 0.00 min

Lab File: BM008237.D

Acq: 10 Dec 2016 18:05

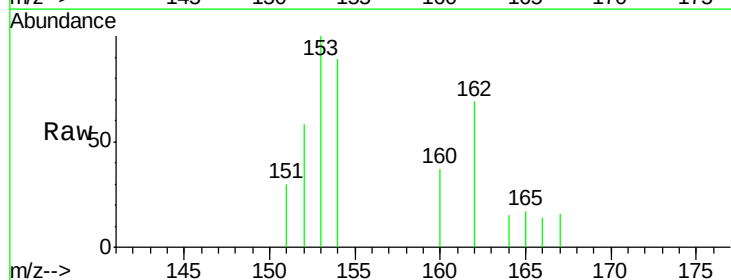
Tgt Ion:153 Resp: 871

Ion Ratio Lower Upper

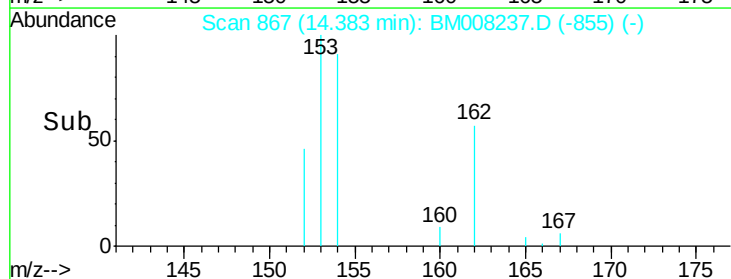
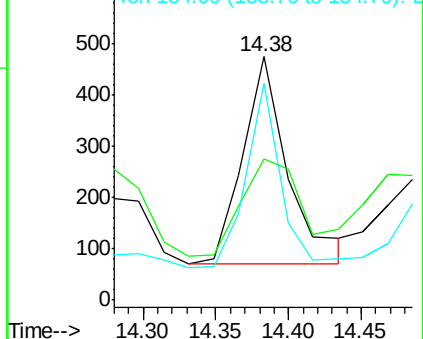
153 100

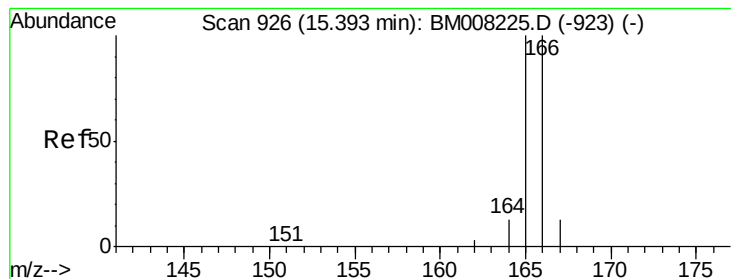
152 58.2 40.3 60.5

154 89.0 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: 0.44 ng/ul

RT: 15.38 min Scan# 925

Delta R.T. -0.02 min

Lab File: BM008237.D

Acq: 10 Dec 2016 18:05

Instrument :

BNA_M

ClientSampleId :

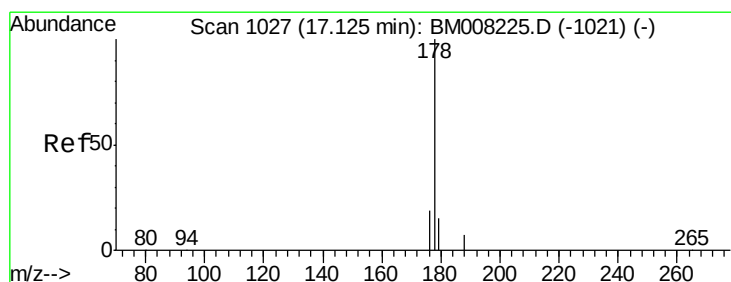
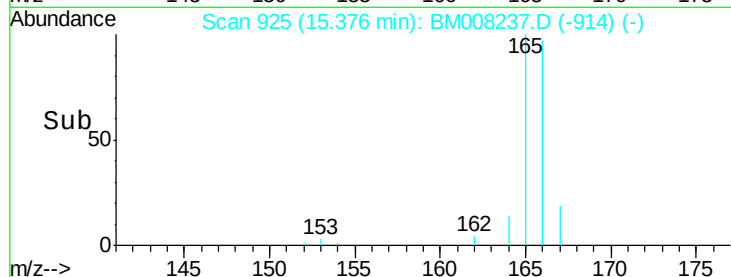
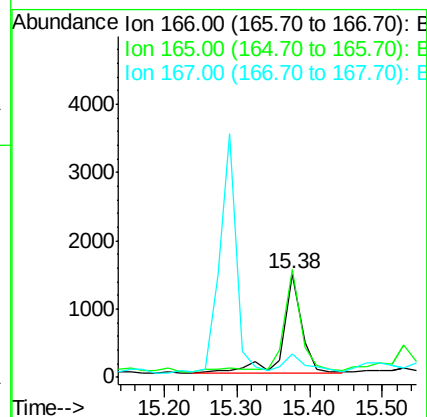
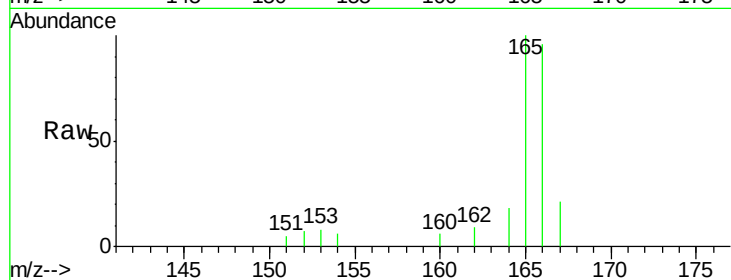
Tot Ion:166 Resp: 2596

Ion Ratio Lower Upper

166 100

165 104.7 73.4 110.2

167 22.4 14.6 22.0#



#12

Phenanthrene

Concen: 0.14 ng/ul

RT: 17.11 min Scan# 1026

Delta R.T. -0.02 min

Lab File: BM008237.D

Acq: 10 Dec 2016 18:05

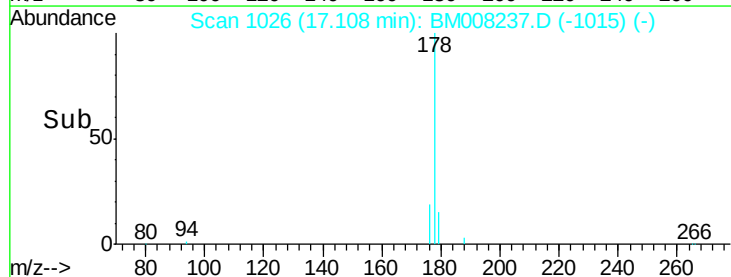
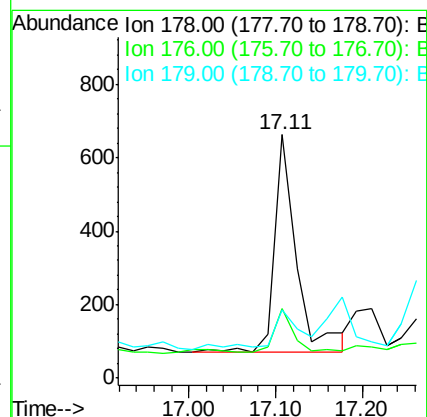
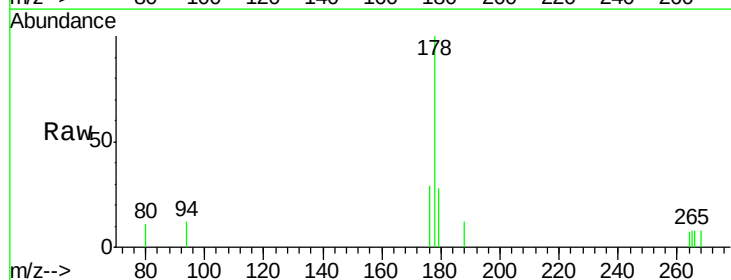
Tgt Ion:178 Resp: 1045

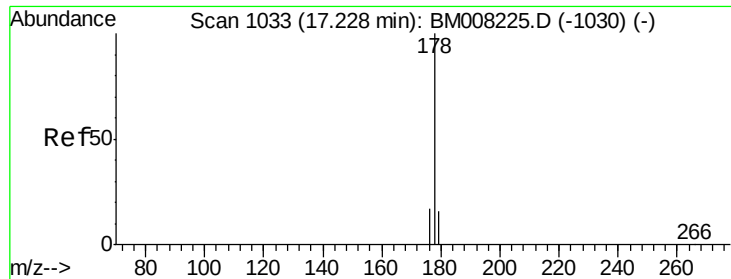
Ion Ratio Lower Upper

178 100

176 28.7 18.4 27.6#

179 27.9 13.6 20.4#





#13

Anthracene

Concen: 0.03 ng/ul

RT: 17.21 min Scan# 1032

Delta R.T. -0.02 min

Lab File: BM008237.D

Acq: 10 Dec 2016 18:05

Instrument :

BNA_M

ClientSampleId :

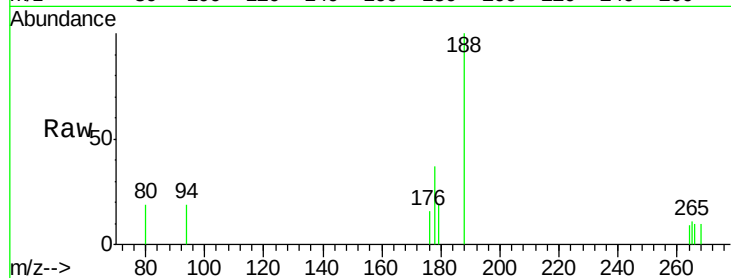
Tot Ion:178 Resp: 203

Ion Ratio Lower Upper

178 100

176 44.2 18.1 27.1#

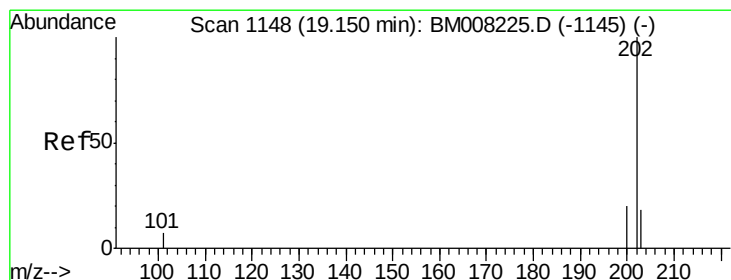
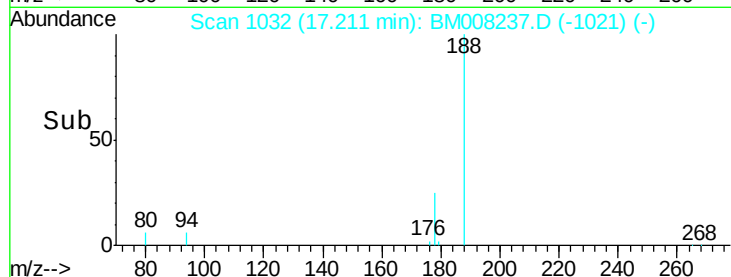
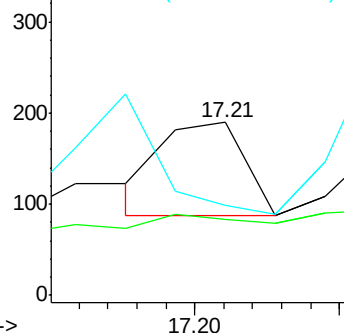
179 52.1 14.7 22.1#



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: 0.03 ng/ul

RT: 19.14 min Scan# 1148

Delta R.T. -0.00 min

Lab File: BM008237.D

Acq: 10 Dec 2016 18:05

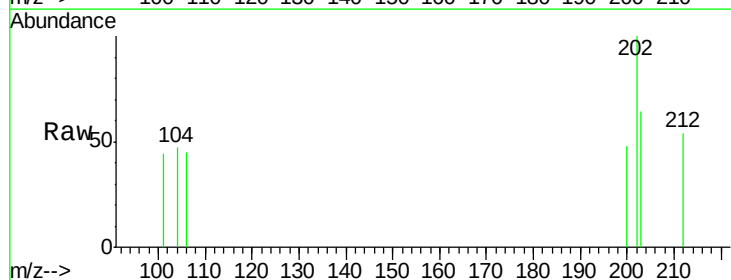
Tgt Ion:202 Resp: 327

Ion Ratio Lower Upper

202 100

101 44.4 0.0 30.3#

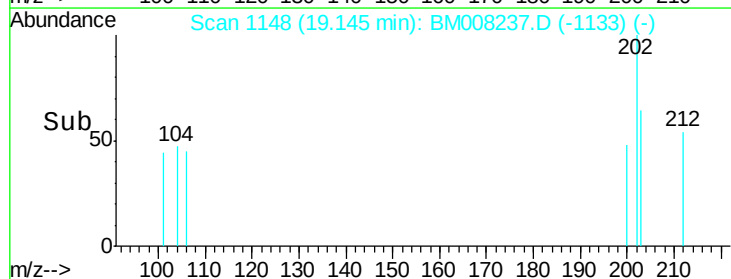
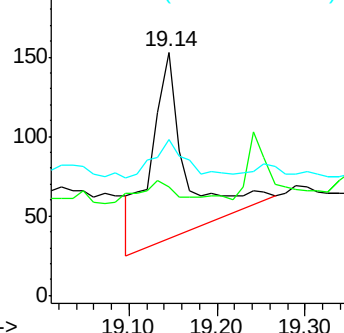
203 64.1 0.0 39.5#

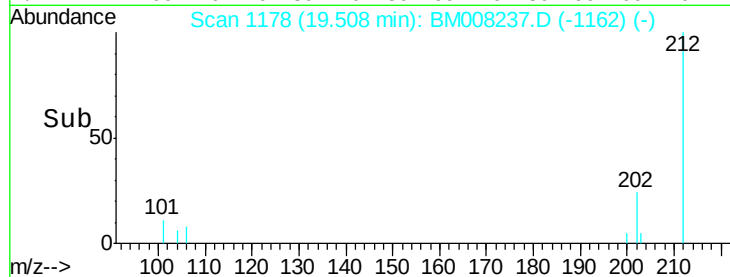
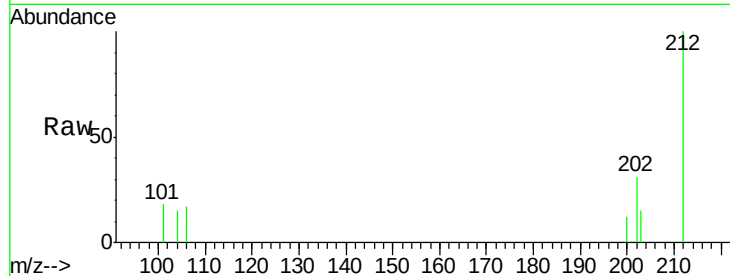
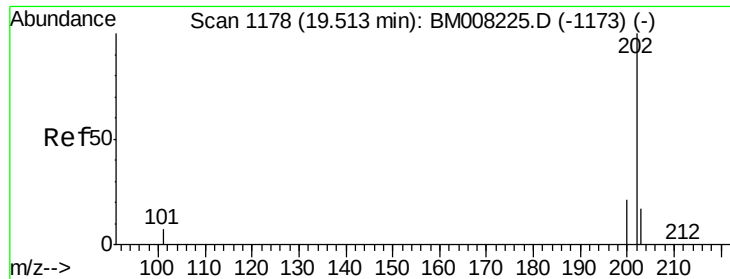


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

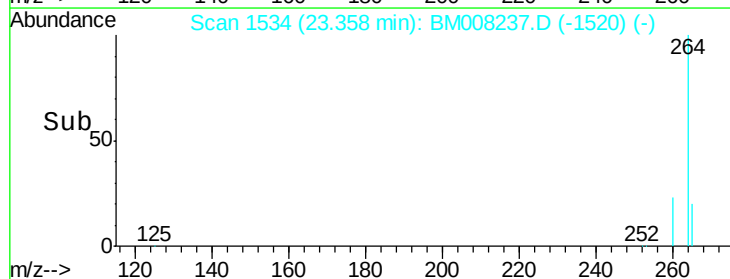
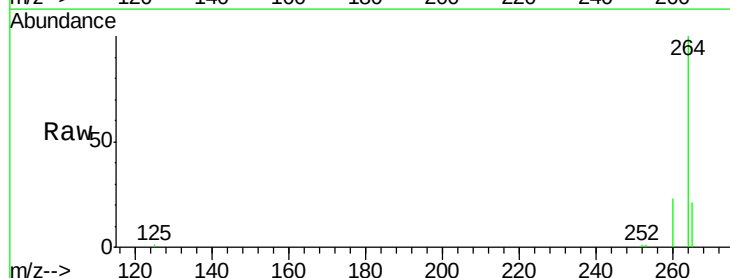
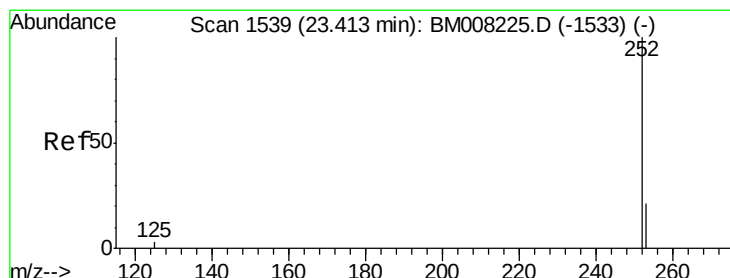
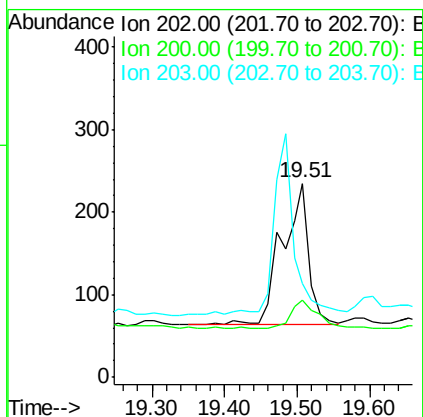




#17
 Pvrene
 Concen: 0.07 ng/ul
 RT: 19.51 min Scan# 1178
 Delta R.T. -0.00 min
 Lab File: BM008237.D
 Acq: 10 Dec 2016 18:05

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
200	40.0	18.2	27.4#
203	48.1	15.6	23.4#



#23
 Benzo(a)pyrene
 Concen: 0.06 ng/ul
 RT: 23.36 min Scan# 1534
 Delta R.T. -0.06 min
 Lab File: BM008237.D
 Acq: 10 Dec 2016 18:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	87.7	28.5	42.7#
125	73.3	18.1	27.1#

