

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121016\
 Data File : BM008230.D
 Acq On : 10 Dec 2016 13:51
 Operator : UM/SJ
 Sample : H5905-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 12 02:48:23 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

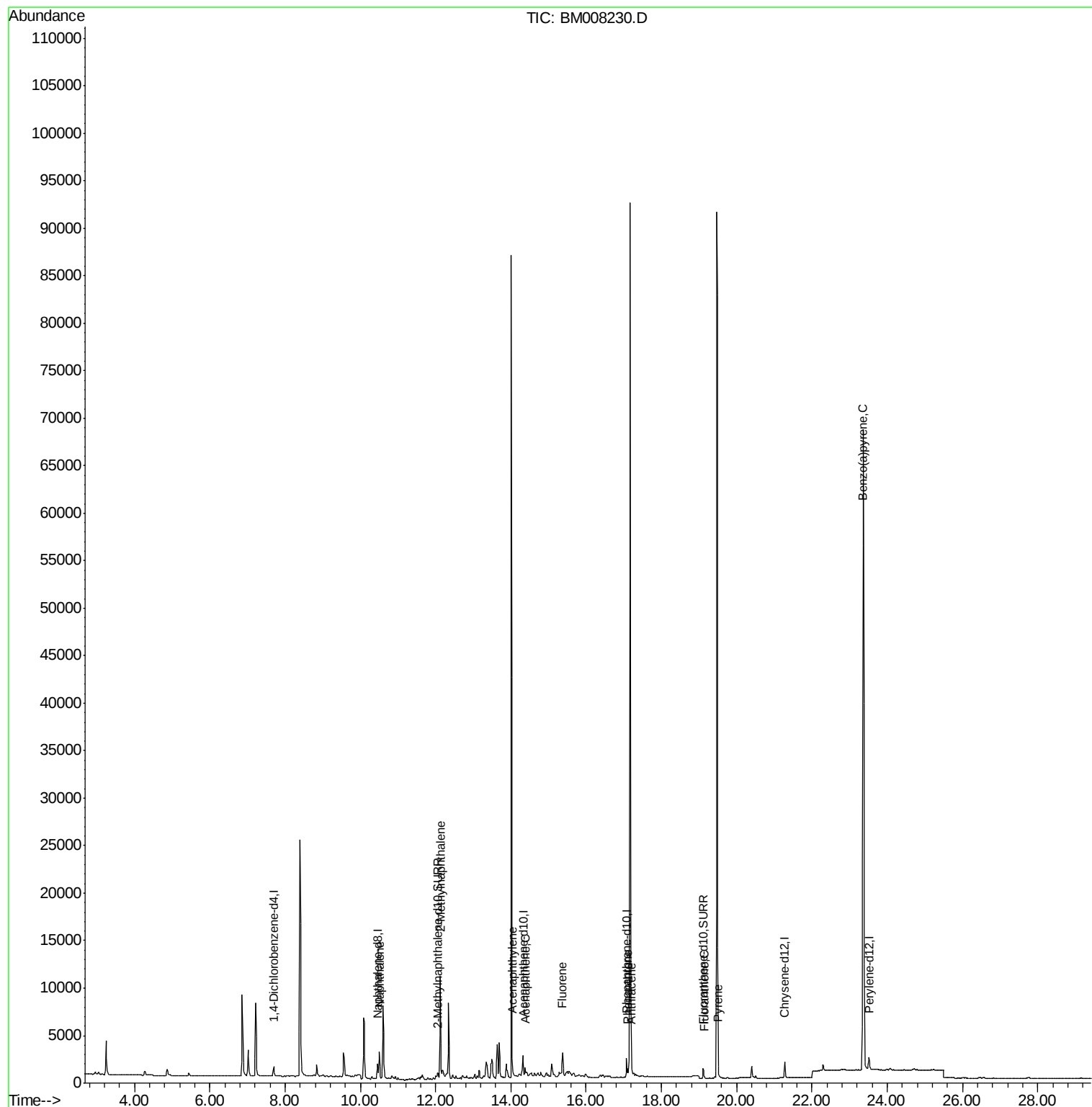
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	639	0.40	ng/ul	0.00
2) Naphthalene-d8	10.46	136	2228	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.33	164	1433	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.07	188	2501	0.40	ng/ul	-0.02
16) Chrysene-d12	21.27	240	1836	0.40	ng/ul	0.00
20) Perylene-d12	23.51	264	1752	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.06	152	802	0.25	ng/ul	-0.02
14) Fluoranthene-d10	19.11	212	1769	0.25	ng/ul	-0.02
Target Compounds					Ovalue	
3) Naphthalene	10.51	128	4195	0.67	ng/ul	97
5) 2-Methylnaphthalene	12.12	142	8187	2.04	ng/ul	100
7) Acenaphthylene	14.04	152	281	0.04	ng/ul#	1
8) Acenaphthene	14.38	153	608	0.12	ng/ul	95
9) Fluorene	15.38	166	1964	0.35	ng/ul#	82
12) Phenanthrene	17.11	178	1141	0.15	ng/ul#	86
13) Anthracene	17.21	178	236	0.03	ng/ul#	39
15) Fluoranthene	19.14	202	443	0.04	ng/ul#	40
17) Pyrene	19.51	202	620	0.10	ng/ul#	63
23) Benzo(a)pyrene	23.36	252	479	0.07	ng/ul#	3

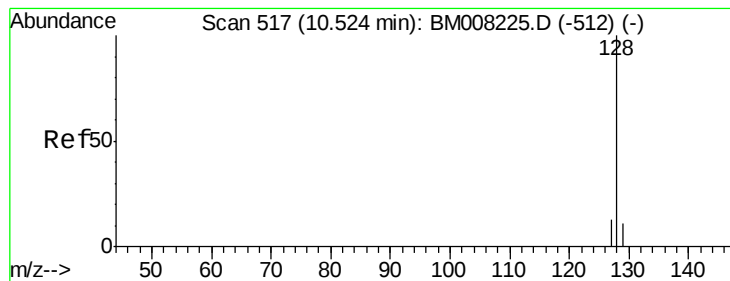
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Naphthalene

Concen: 0.67 ng/ul

RT: 10.51 min Scan# 516

Delta R.T. -0.01 min

Lab File: BM008230.D

Acq: 10 Dec 2016 13:51

Instrument :

BNA_M

ClientSampleId :

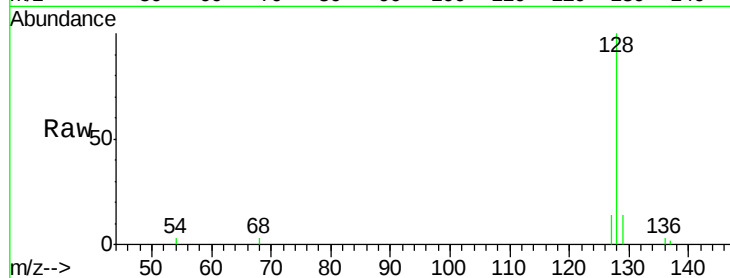
Tot Ion:128 Resp: 4195

Ion Ratio Lower Upper

128 100

129 13.6 11.3 16.9

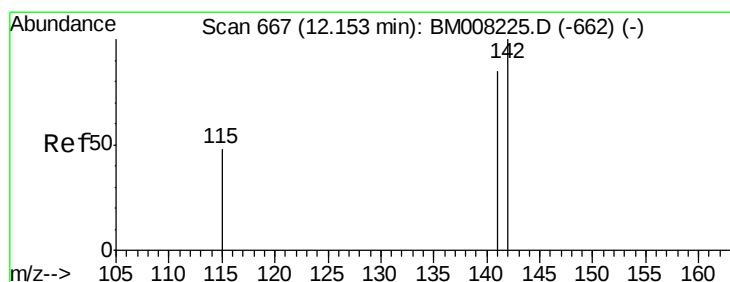
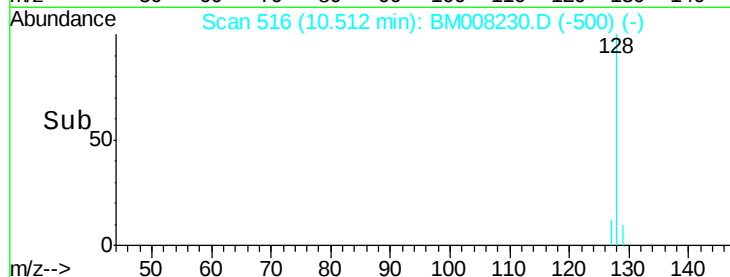
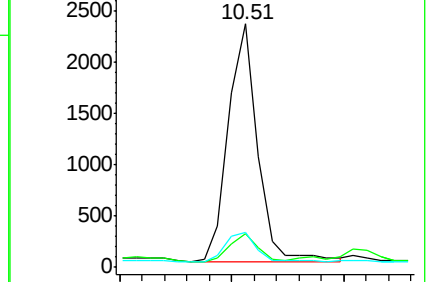
127 14.4 12.8 19.2



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: 2.04 ng/ul

RT: 12.12 min Scan# 664

Delta R.T. -0.03 min

Lab File: BM008230.D

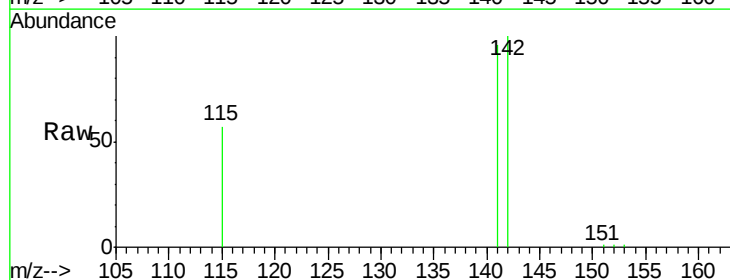
Acq: 10 Dec 2016 13:51

Tgt Ion:142 Resp: 8187

Ion Ratio Lower Upper

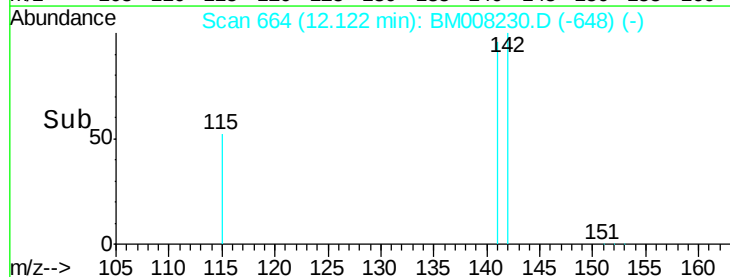
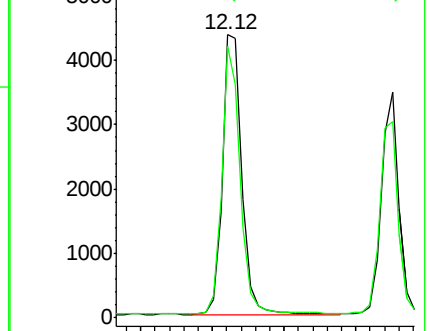
142 100

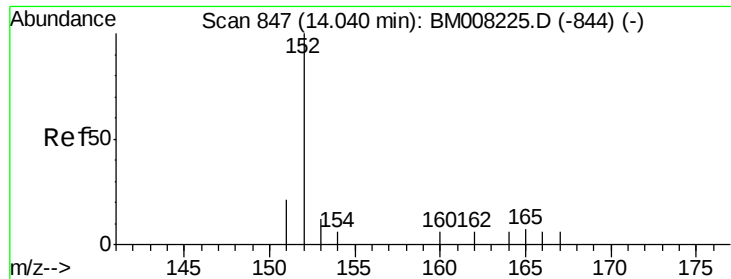
141 90.9 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.04 ng/ul

RT: 14.04 min Scan# 847

Delta R.T. 0.00 min

Lab File: BM008230.D

Acq: 10 Dec 2016 13:51

Instrument :

BNA_M

ClientSampleId :

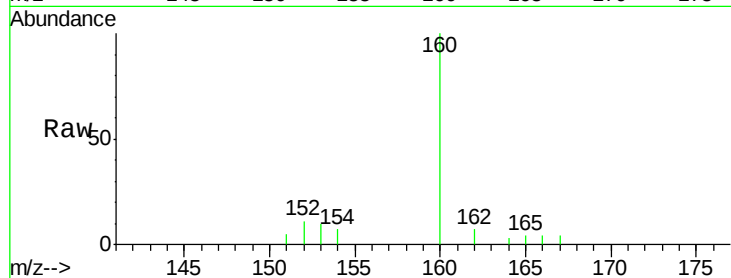
Tot Ion:152 Resp: 281

Ion Ratio Lower Upper

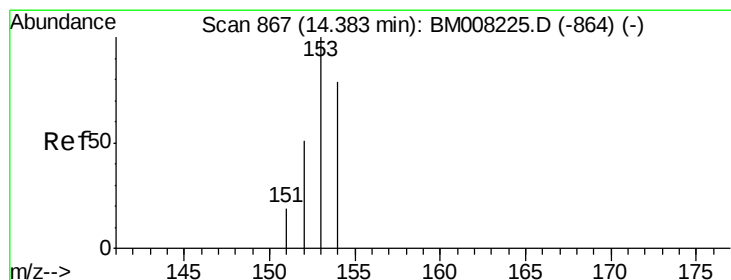
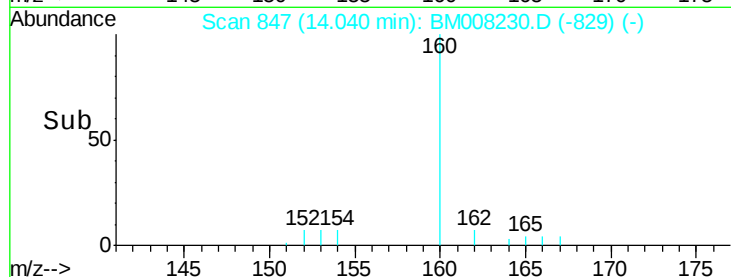
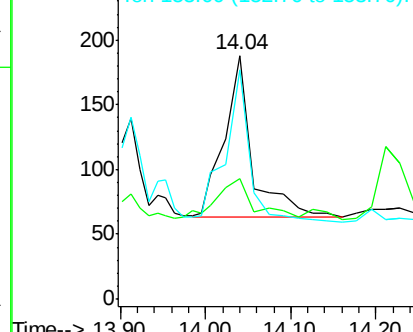
152 100

151 49.5 17.1 25.7#

153 94.1 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: 0.12 ng/ul

RT: 14.38 min Scan# 867

Delta R.T. 0.00 min

Lab File: BM008230.D

Acq: 10 Dec 2016 13:51

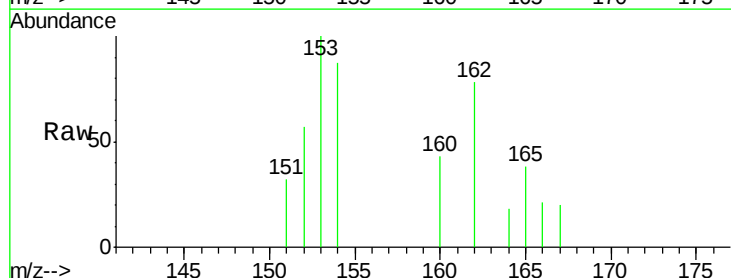
Tgt Ion:153 Resp: 608

Ion Ratio Lower Upper

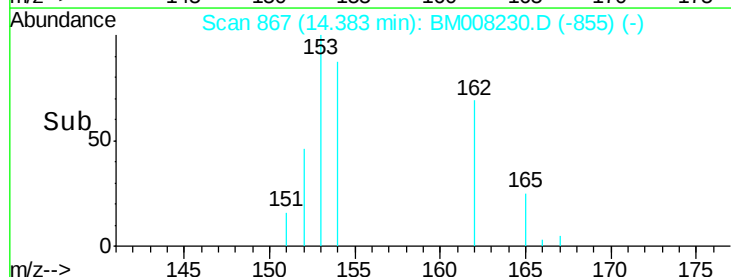
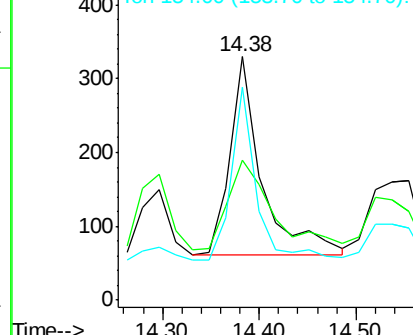
153 100

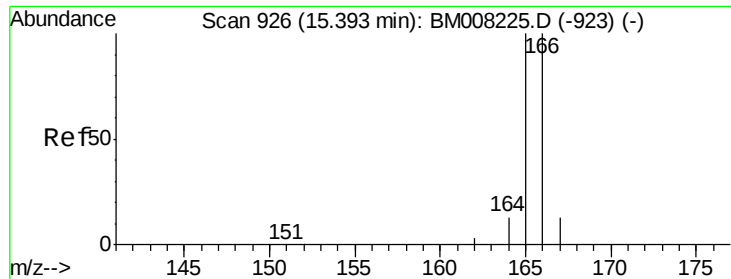
152 57.3 40.3 60.5

154 87.3 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

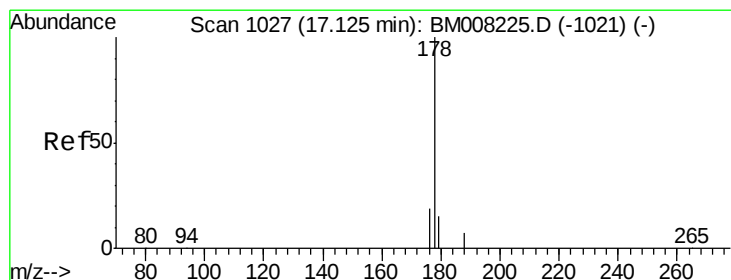
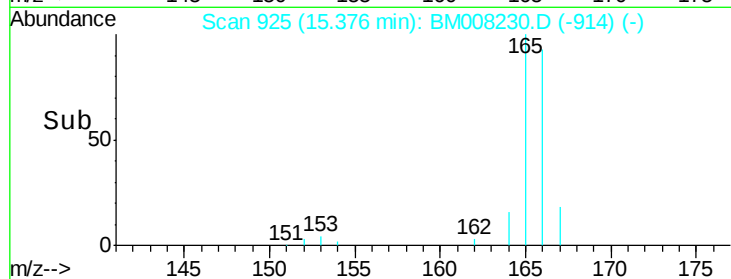
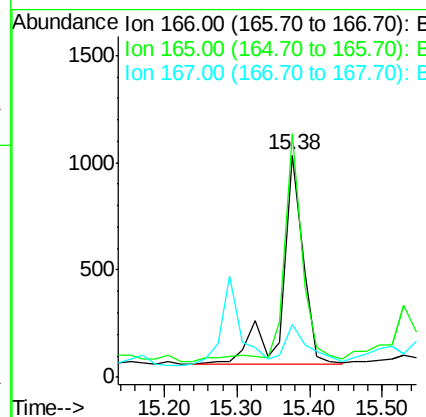
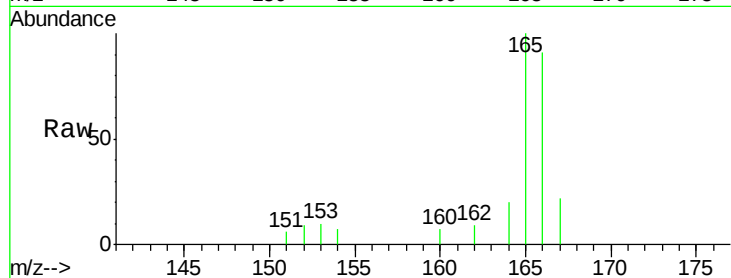




#9
Fluorene
 Concen: 0.35 ng/ul
 RT: 15.38 min Scan# 925
 Delta R.T. -0.02 min
 Lab File: BM008230.D
 Acq: 10 Dec 2016 13:51

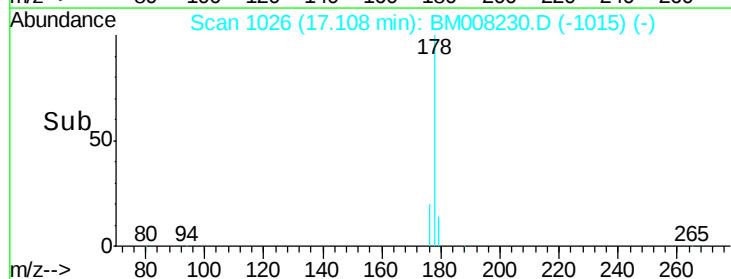
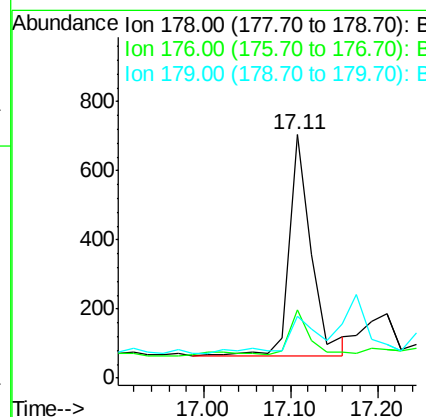
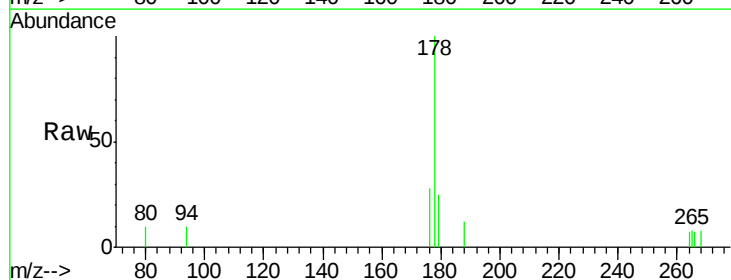
Instrument :
 BNA_M
 ClientSampled :

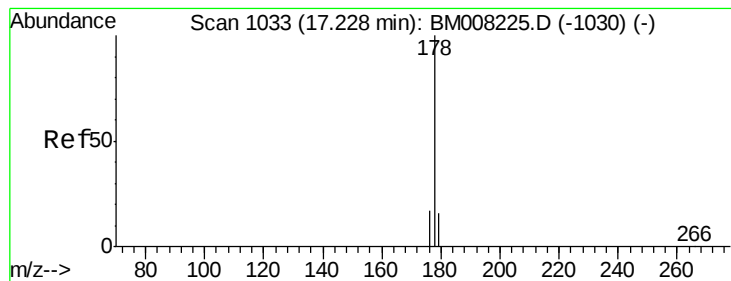
Tot Ion:166 Resp: 1964
 Ion Ratio Lower Upper
 166 100
 165 109.6 73.4 110.2
 167 24.1 14.6 22.0#



#12
Phenanthrene
 Concen: 0.15 ng/ul
 RT: 17.11 min Scan# 1026
 Delta R.T. -0.02 min
 Lab File: BM008230.D
 Acq: 10 Dec 2016 13:51

Tgt Ion:178 Resp: 1141
 Ion Ratio Lower Upper
 178 100
 176 27.8 18.4 27.6#
 179 25.2 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: BM008230.D

Acq: 10 Dec 2016 13:51

Instrument :

BNA_M

ClientSampled :

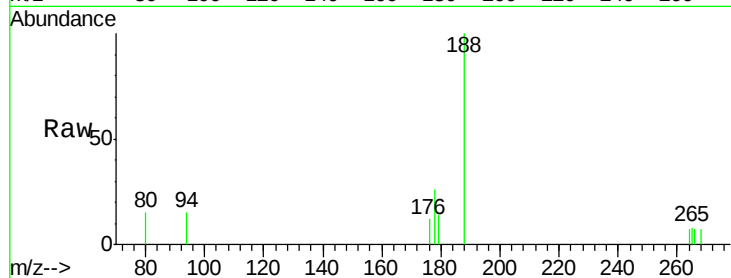
Tot Ion:178 Resp: 236

Ion Ratio Lower Upper

178 100

176 45.4 18.1 27.1#

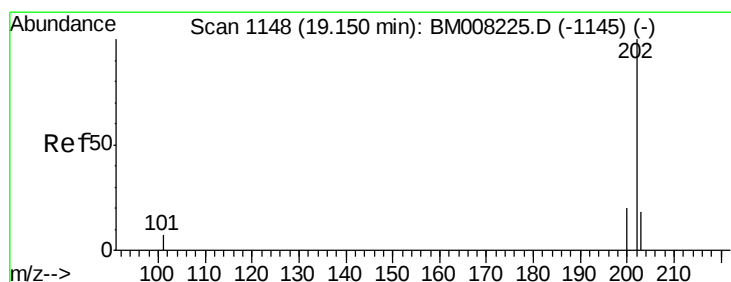
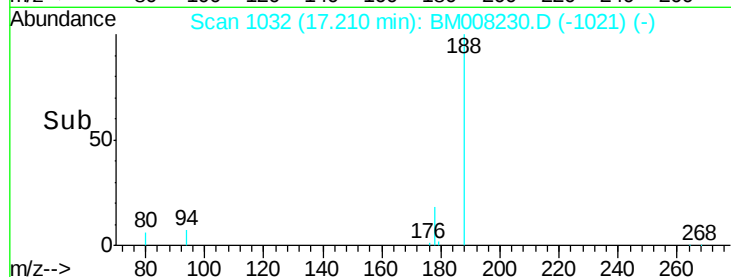
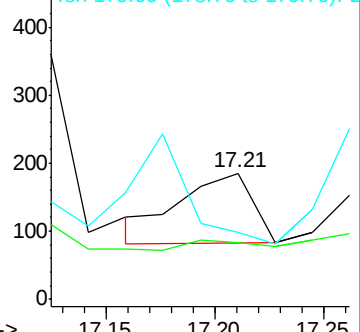
179 53.5 14.7 22.1#



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: 19.14 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BM008230.D

Acq: 10 Dec 2016 13:51

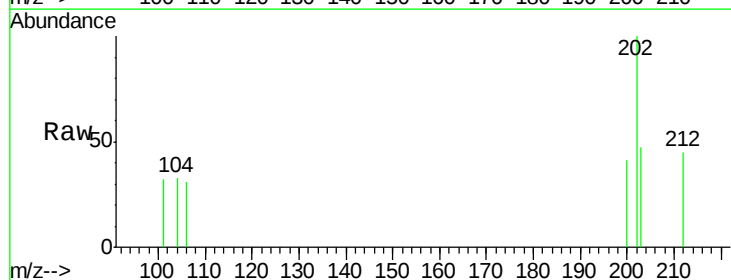
Tgt Ion:202 Resp: 443

Ion Ratio Lower Upper

202 100

101 31.8 0.0 30.3#

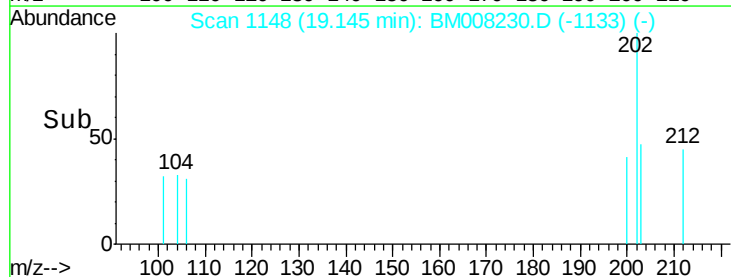
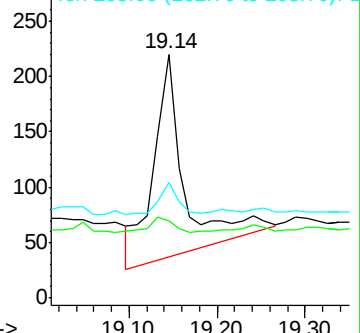
203 47.3 0.0 39.5#

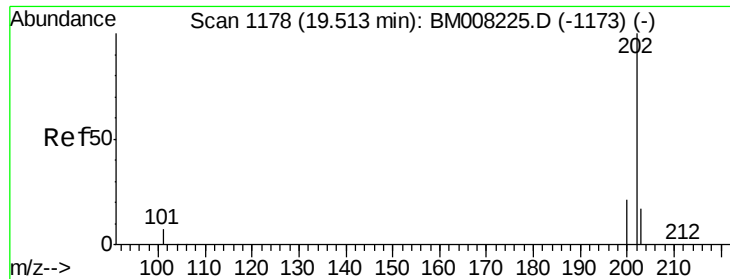


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

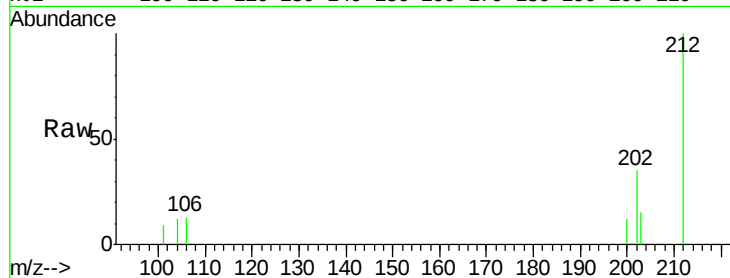




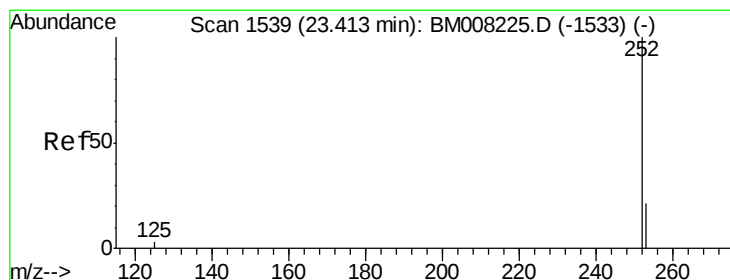
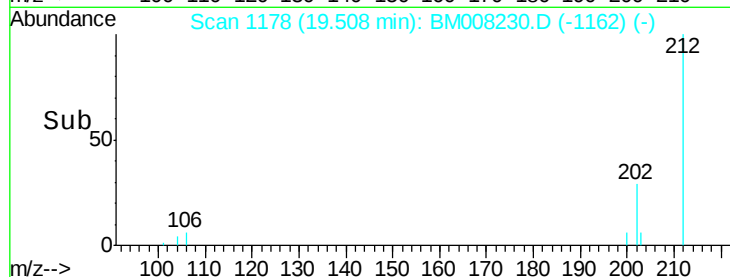
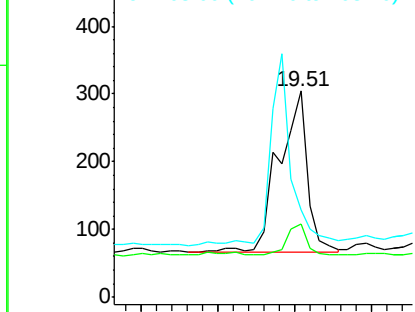
#17
Pvrene
Concen: 0.10 ng/ul
RT: 19.51 min Scan# 1178
Delta R.T. -0.01 min
Lab File: BM008230.D
Acq: 10 Dec 2016 13:51

Instrument :
BNA_M
ClientSampleId :

Tot Ion:202 Resp: 620
Ion Ratio Lower Upper
202 100
200 35.5 18.2 27.4#
203 42.4 15.6 23.4#

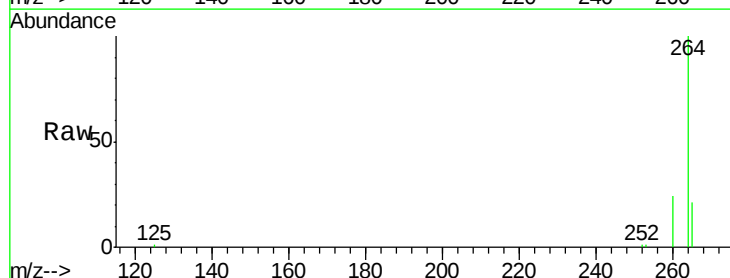


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#23
Benzo(a)pyrene
Concen: 0.07 ng/ul
RT: 23.36 min Scan# 1534
Delta R.T. -0.06 min
Lab File: BM008230.D
Acq: 10 Dec 2016 13:51

Tgt Ion:252 Resp: 479
Ion Ratio Lower Upper
252 100
253 84.8 28.5 42.7#
125 79.1 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

