

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121016\
 Data File : BM008251.D
 Acq On : 11 Dec 2016 02:28
 Operator : UM/SJ
 Sample : H5863-21DL 2X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 12 03:56:06 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 03:51:49 2016
 Response via : Initial Calibration

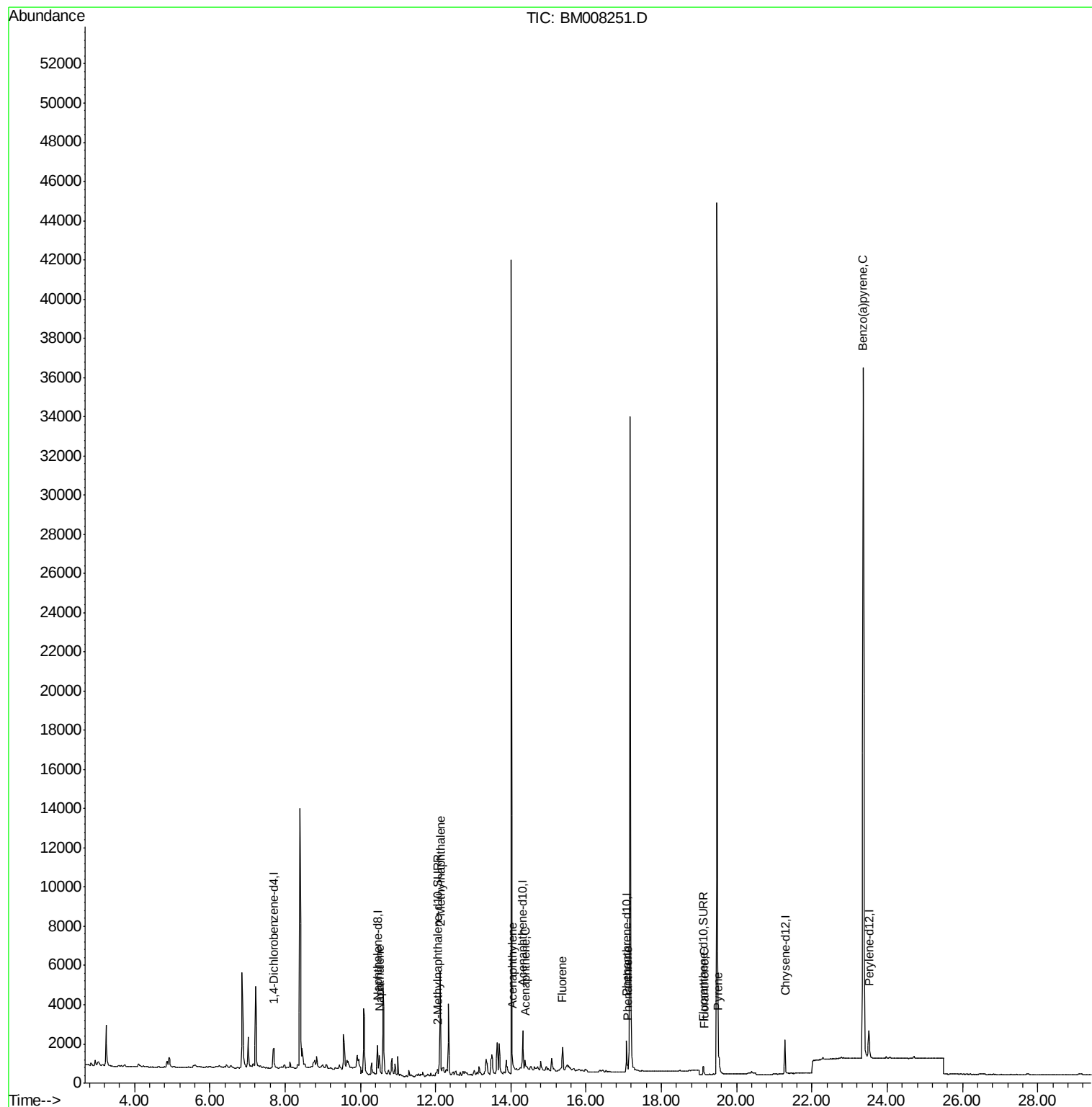
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	705	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.46	136	2220	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.31	164	1247	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.07	188	2108	0.40	ng/ul	-0.02
16) Chrysene-d12	21.28	240	1957	0.40	ng/ul	0.00
20) Perylene-d12	23.51	264	1984	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.05	152	405	0.13	ng/ul	-0.03
14) Fluoranthene-d10	19.12	212	843	0.14	ng/ul	0.00
Target Compounds						
					Ovalue	
3) Naphthalene	10.51	128	1465	0.24	ng/ul#	94
5) 2-Methylnaphthalene	12.12	142	3851	0.96	ng/ul	99
7) Acenaphthylene	14.04	152	211	0.04	ng/ul#	1
8) Acenaphthene	14.38	153	306	0.07	ng/ul#	90
9) Fluorene	15.38	166	968	0.20	ng/ul#	85
12) Phenanthrene	17.11	178	391	0.06	ng/ul#	66
15) Fluoranthene	19.14	202	240	0.03	ng/ul#	1
17) Pyrene	19.51	202	243	0.04	ng/ul#	27
23) Benzo(a)pyrene	23.36	252	327	0.04	ng/ul#	1

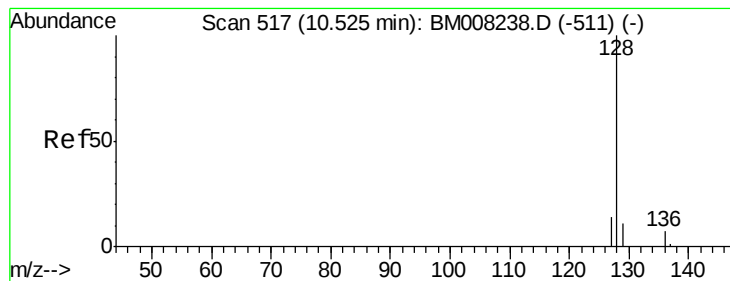
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.24 ng/ul

RT: 10.51 min Scan# 516

Delta R.T. -0.01 min

Lab File: BM008251.D

Acq: 11 Dec 2016 02:28

Instrument :

BNA_M

ClientSampleId :

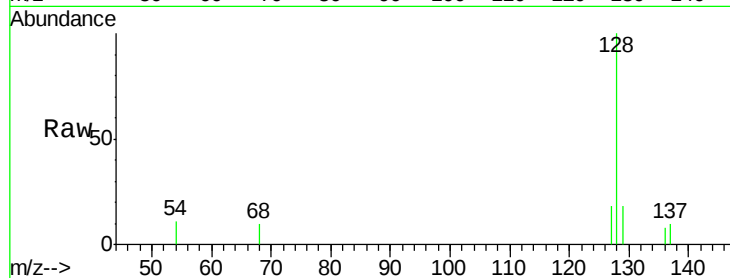
Tot Ion:128 Resp: 1465

Ion Ratio Lower Upper

128 100

129 17.6 11.3 16.9#

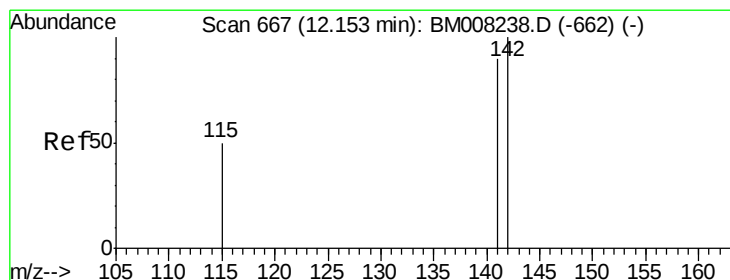
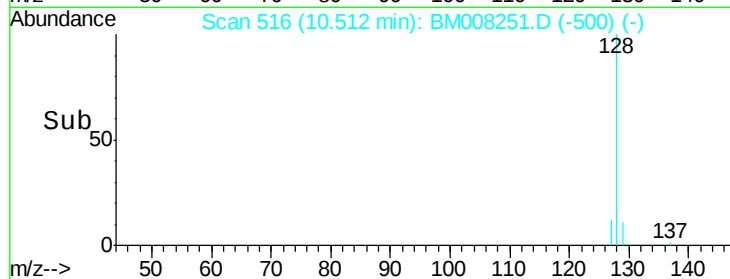
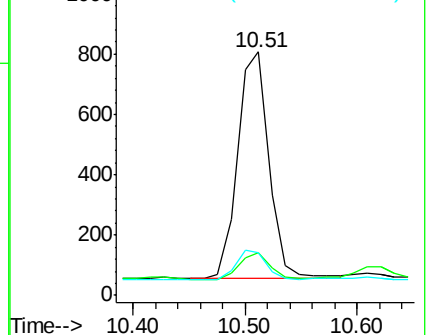
127 17.6 12.8 19.2



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: 0.96 ng/ul

RT: 12.12 min Scan# 664

Delta R.T. -0.03 min

Lab File: BM008251.D

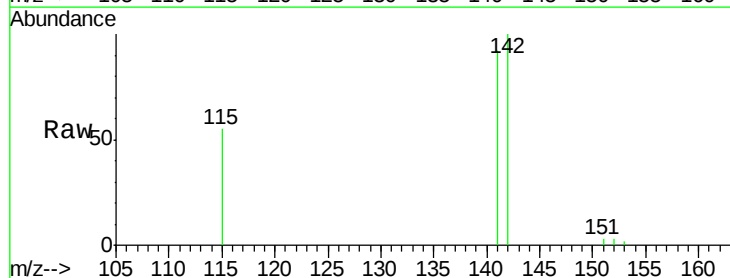
Acq: 11 Dec 2016 02:28

Tgt Ion:142 Resp: 3851

Ion Ratio Lower Upper

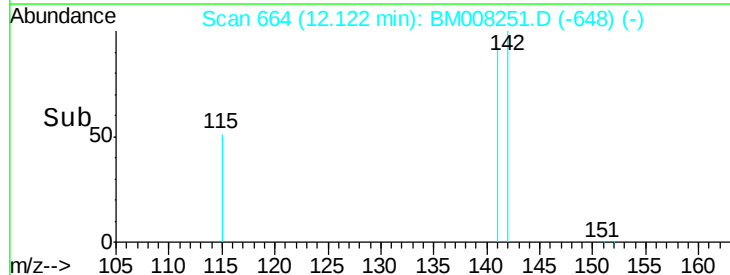
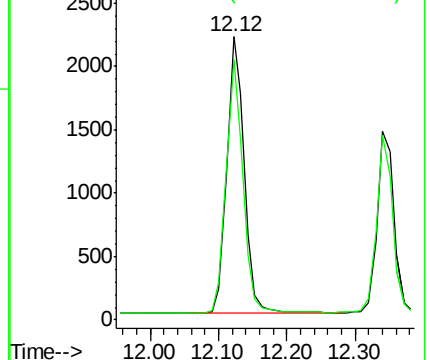
142 100

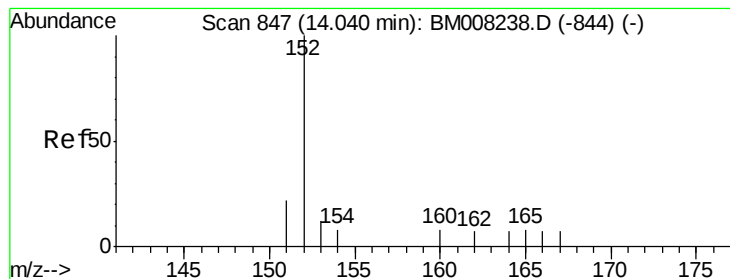
141 89.4 72.6 108.8



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: BM008251.D

Acq: 11 Dec 2016 02:28

Instrument :

BNA_M

ClientSampled :

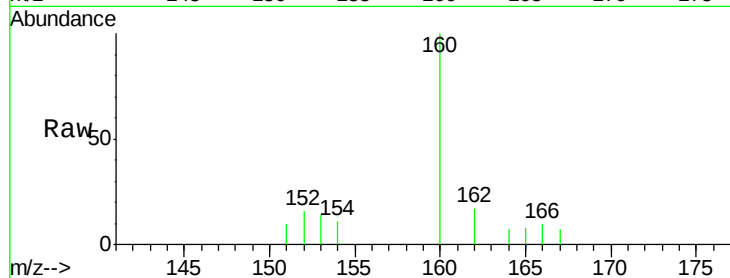
Tot Ion:152 Resp: 211

Ion Ratio Lower Upper

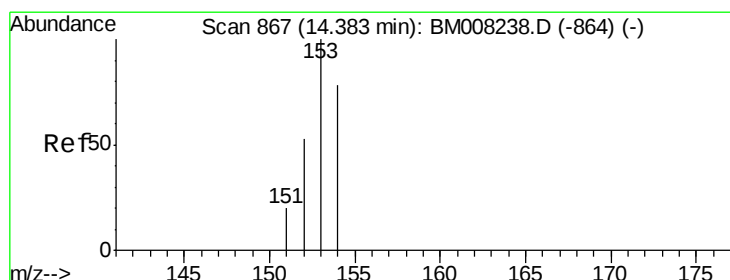
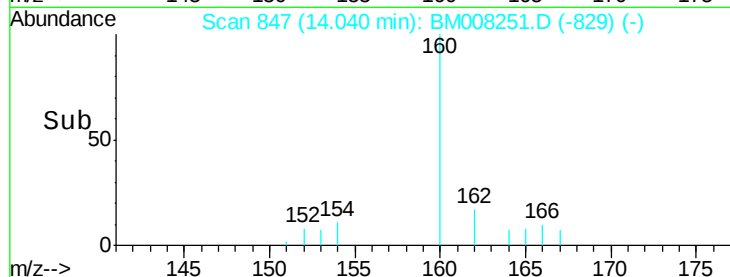
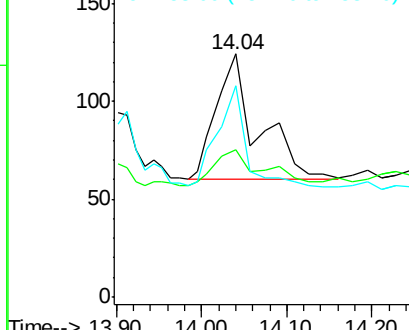
152 100

151 60.5 17.1 25.7#

153 87.1 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: 0.07 ng/ul

RT: 14.38 min Scan# 867

Delta R.T. -0.00 min

Lab File: BM008251.D

Acq: 11 Dec 2016 02:28

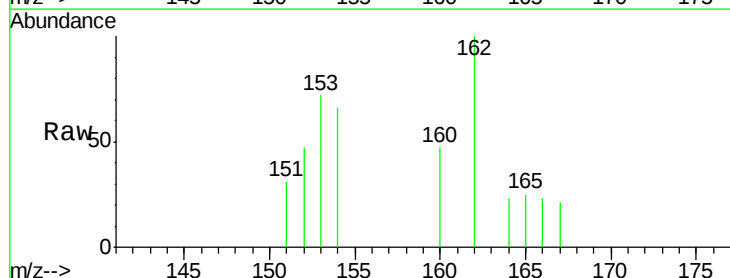
Tgt Ion:153 Resp: 306

Ion Ratio Lower Upper

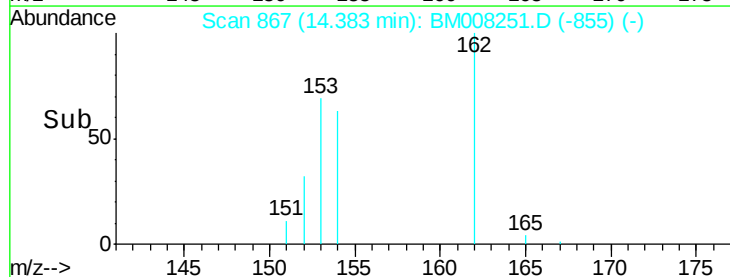
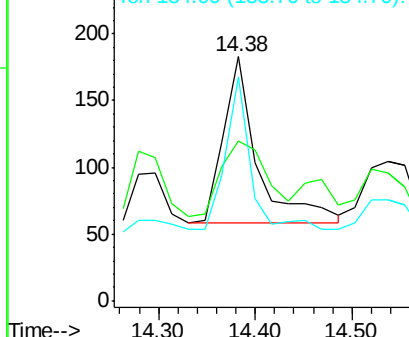
153 100

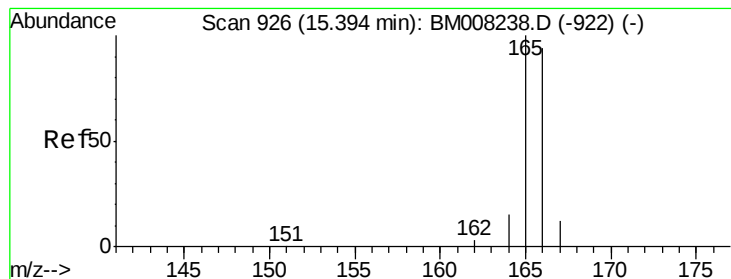
152 65.6 40.3 60.5#

154 91.8 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: 0.20 ng/ul

RT: 15.38 min Scan# 925

Delta R.T. -0.02 min

Lab File: BM008251.D

Acq: 11 Dec 2016 02:28

Instrument :

BNA_M

ClientSampleId :

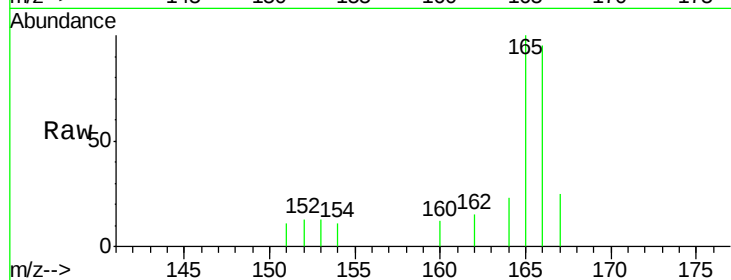
Tot Ion:166 Resp: 968

Ion Ratio Lower Upper

166 100

165 105.3 73.4 110.2

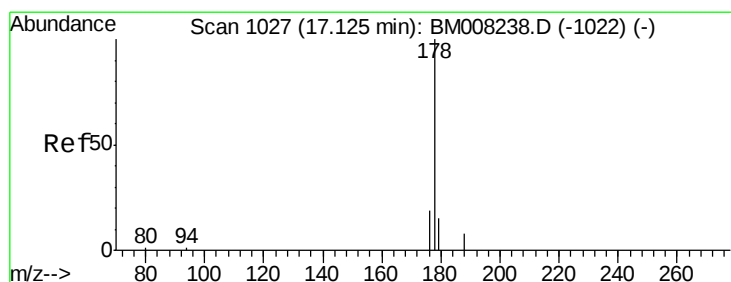
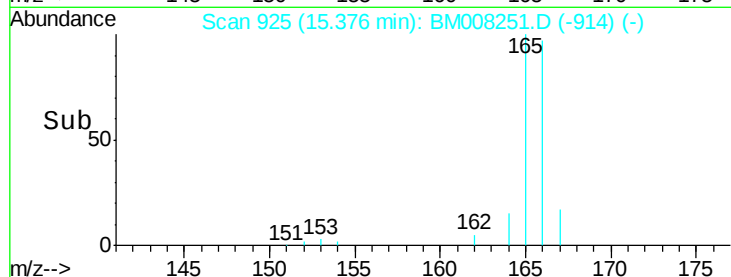
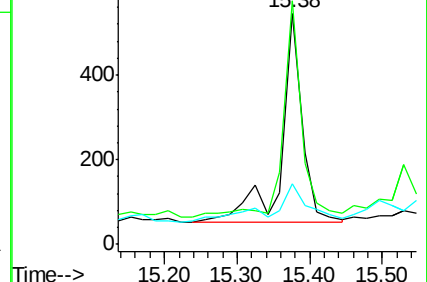
167 26.4 14.6 22.0#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#12

Phenanthrene

Concen: 0.06 ng/ul

RT: 17.11 min Scan# 1026

Delta R.T. -0.02 min

Lab File: BM008251.D

Acq: 11 Dec 2016 02:28

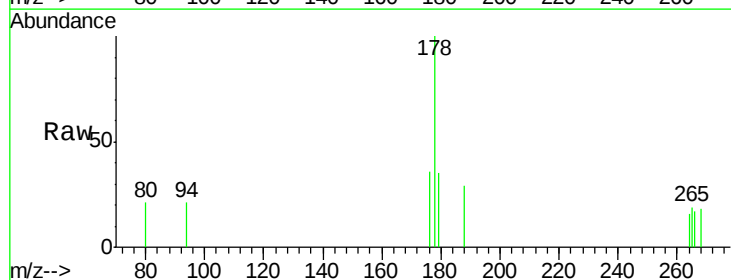
Tgt Ion:178 Resp: 391

Ion Ratio Lower Upper

178 100

176 36.4 18.4 27.6#

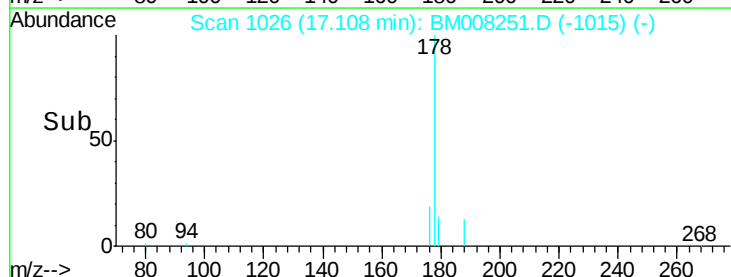
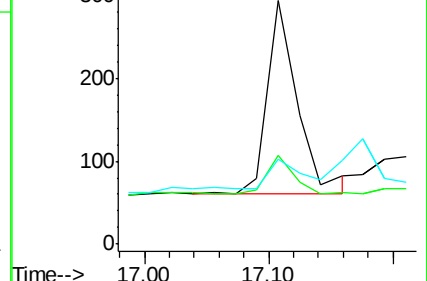
179 35.0 13.6 20.4#

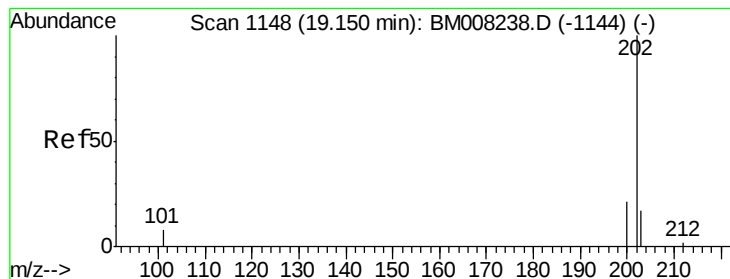


Abundance Ion 178.00 (177.70 to 178.70): E

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. -0.01 min

Lab File: BM008251.D

Acq: 11 Dec 2016 02:28

Instrument :

BNA_M

ClientSampleId :

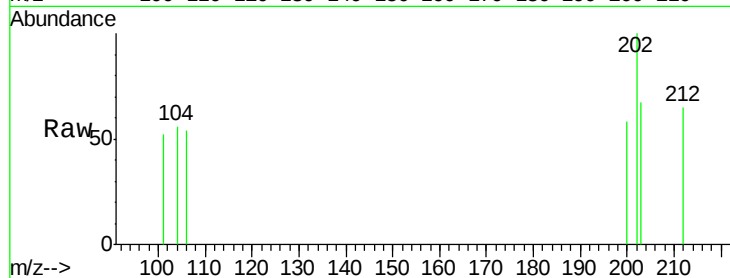
Tot Ion:202 Resp: 240

Ion Ratio Lower Upper

202 100

101 51.8 0.0 30.3#

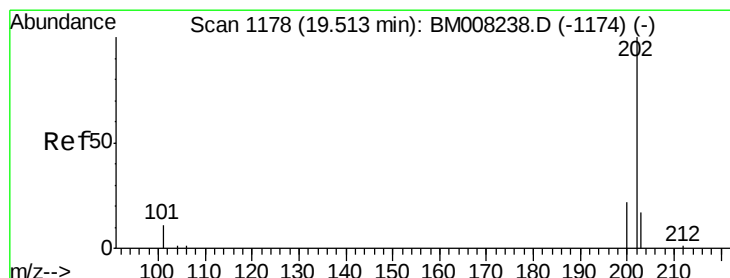
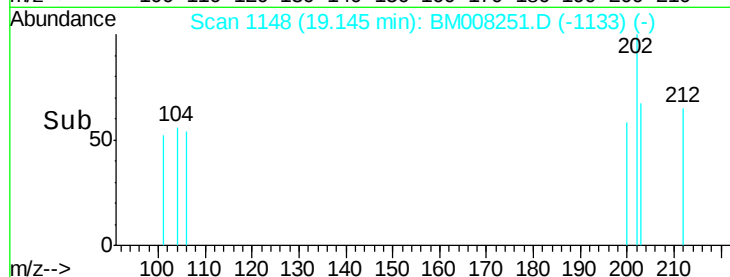
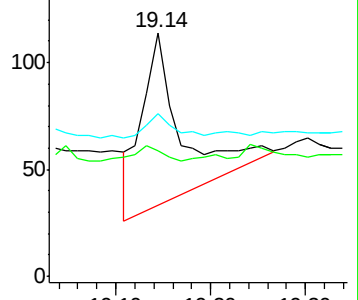
203 66.7 0.0 39.5#



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: 0.04 ng/ul

RT: 19.51 min Scan# 1178

Delta R.T. -0.01 min

Lab File: BM008251.D

Acq: 11 Dec 2016 02:28

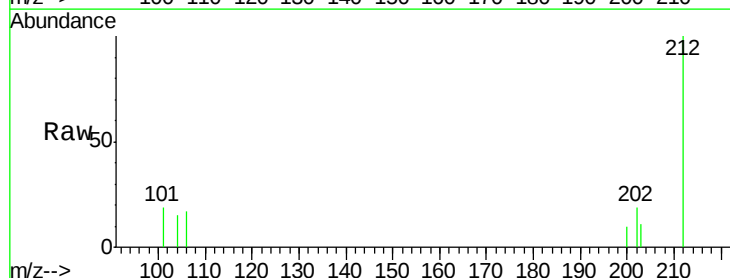
Tgt Ion:202 Resp: 243

Ion Ratio Lower Upper

202 100

200 51.0 18.2 27.4#

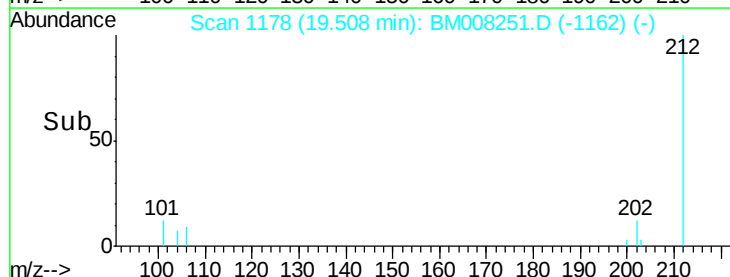
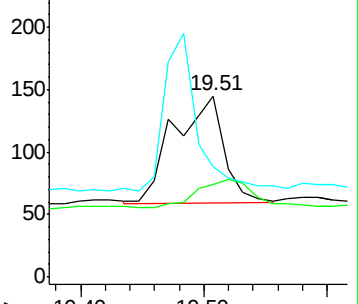
203 60.7 15.6 23.4#

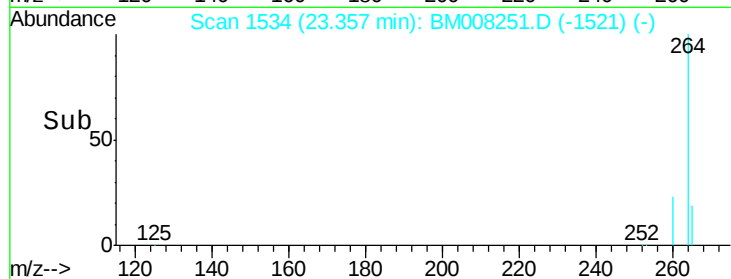
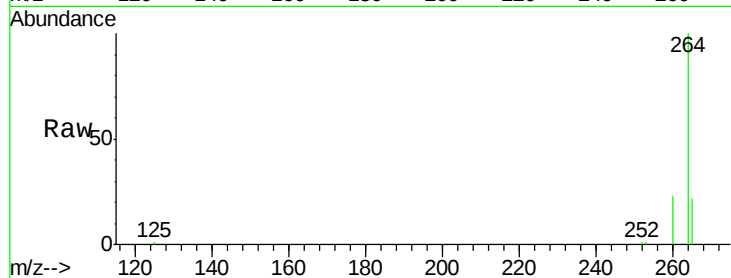
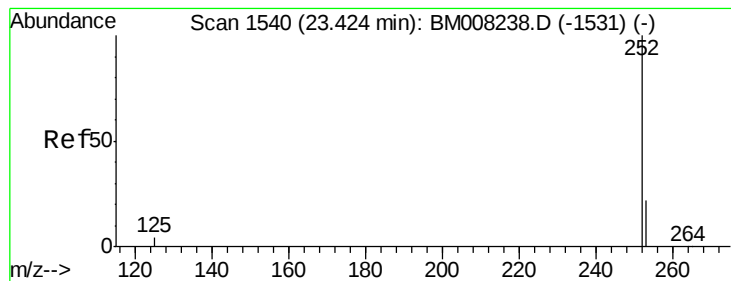


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#23

Benzo(a)pyrene

Concen: 0.04 ng/ul

RT: 23.36 min Scan# 1534

Delta R.T. -0.07 min

Lab File: BM008251.D

Acq: 11 Dec 2016 02:28

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 252 Resp: 327

Ion Ratio Lower Upper

252 100

253 98.1 28.5 42.7#

125 78.1 18.1 27.1#

