

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122116\
 Data File : BM008533.D
 Acq On : 22 Dec 2016 00:49
 Operator : UM/SJ
 Sample : H6040-18
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA8X1

Quant Time: Dec 22 01:33:11 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 22 00:24:45 2016
 Response via : Initial Calibration

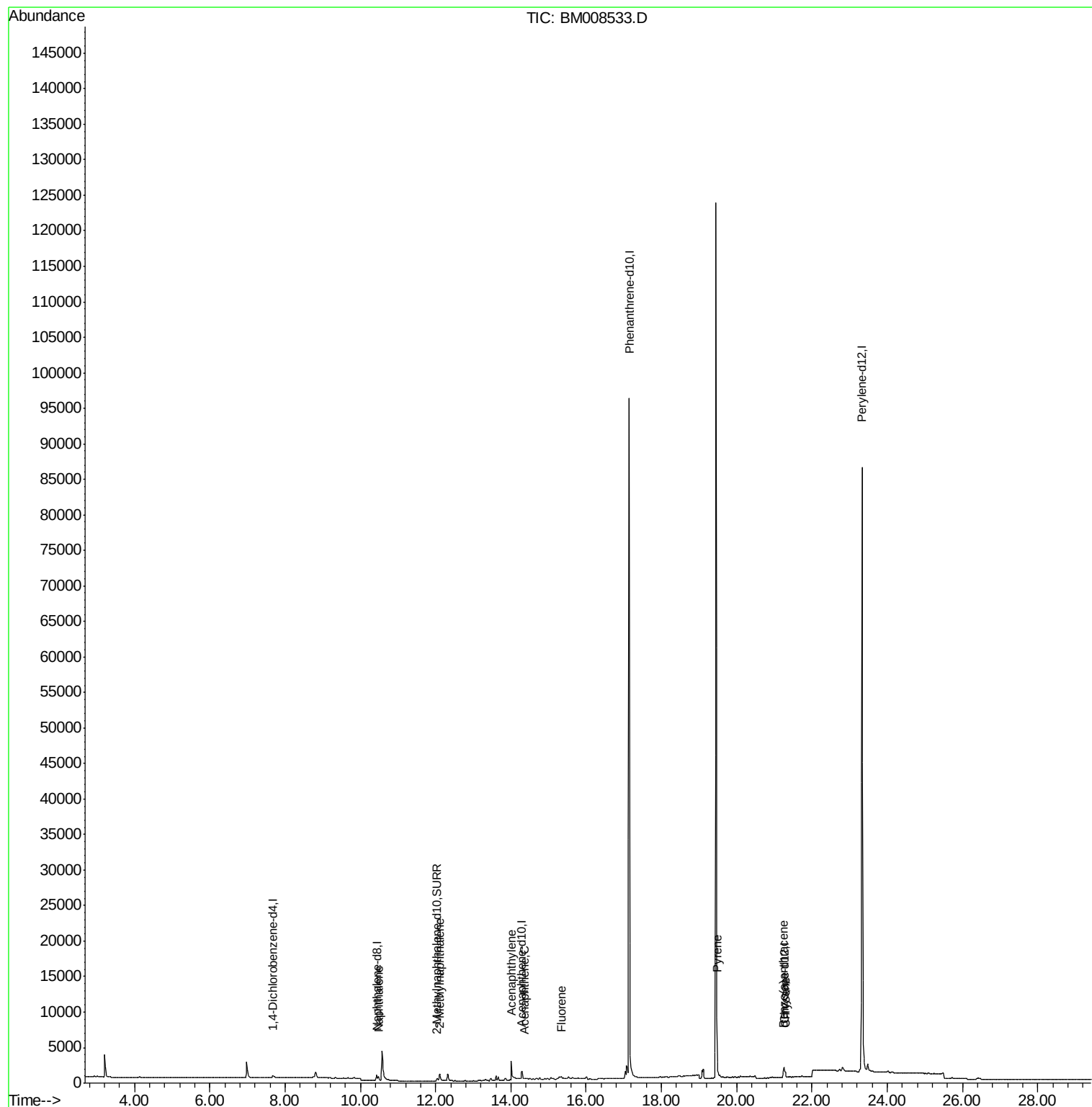
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	377	0.40	ng/ul	-0.06
2) Naphthalene-d8	10.44	136	1262	0.40	ng/ul	-0.06
6) Acenaphthene-d10	14.30	164	794	0.40	ng/ul	-0.03
10) Phenanthrene-d10	17.14	188	132014	0.40	ng/ul	0.05
16) Chrysene-d12	21.26	240	1446	0.40	ng/ul	-0.02
20) Perylene-d12	23.34	264	99272	0.40	ng/ul	-0.18
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.04	152	661	0.34	ng/ul	-0.07
14) Fluoranthene-d10	19.08	212	1384	0.00	ng/ul	-0.04
Target Compounds						
					Qvalue	
3) Naphthalene	10.49	128	921	0.26	ng/ul#	84
5) 2-Methylnaphthalene	12.11	142	1100	0.46	ng/ul	100
7) Acenaphthylene	14.01	152	87	0.02	ng/ul#	1
8) Acenaphthene	14.35	153	89	0.03	ng/ul#	78
9) Fluorene	15.34	166	223	0.07	ng/ul#	65
17) Pyrene	19.47	202	1723	0.31	ng/ul#	83
18) Benzo(a)anthracene	21.24	228	607	0.13	ng/ul#	58
19) Chrysene	21.29	228	856	0.16	ng/ul#	70

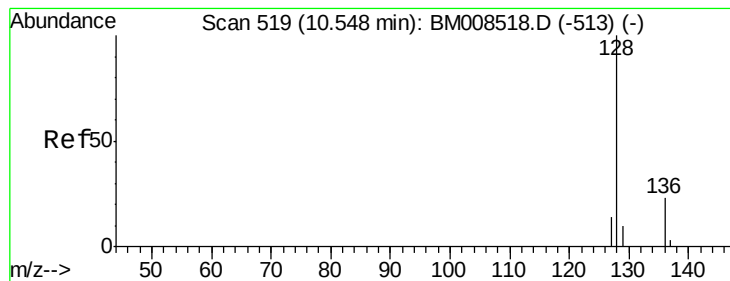
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122116\
Data File : BM008533.D
Acq On : 22 Dec 2016 00:49
Operator : UM/SJ
Sample : H6040-18
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA8X1

Quant Time: Dec 22 01:33:11 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 22 00:24:45 2016
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.26 ng/ul

RT: 10.49 min Scan# 514

Delta R.T. -0.06 min

Lab File: BM008533.D

Acq: 22 Dec 2016 00:49

Instrument :

BNA_M

ClientSampleId :

DA8X1

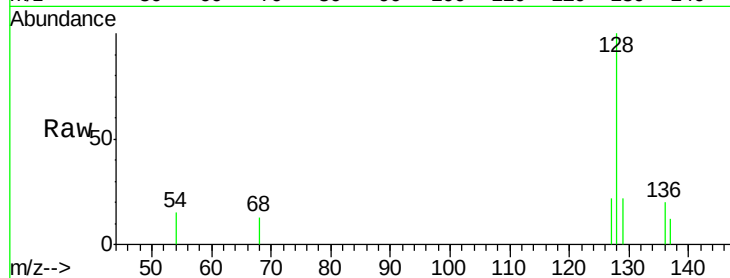
Tgt Ion:128 Resp: 921

Ion Ratio Lower Upper

128 100

129 21.6 11.3 16.9#

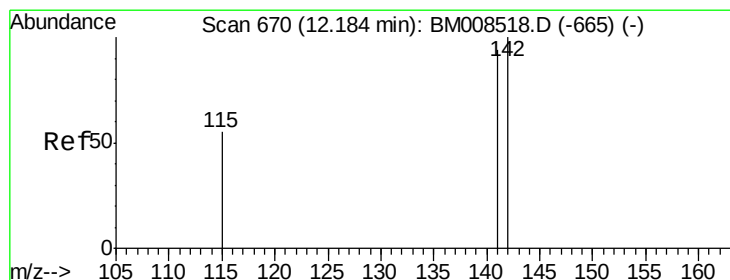
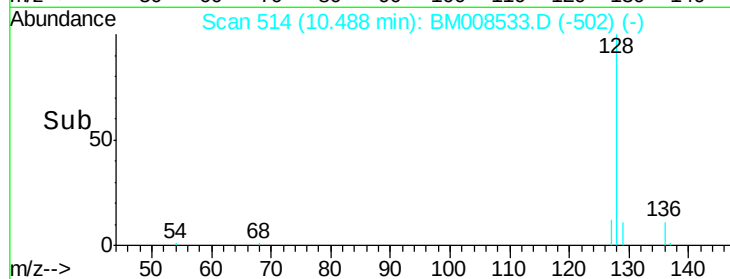
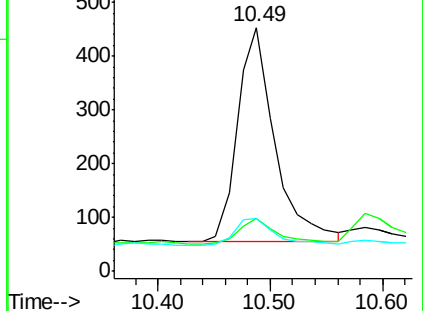
127 21.6 12.8 19.2#



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: 0.46 ng/ul

RT: 12.11 min Scan# 663

Delta R.T. -0.07 min

Lab File: BM008533.D

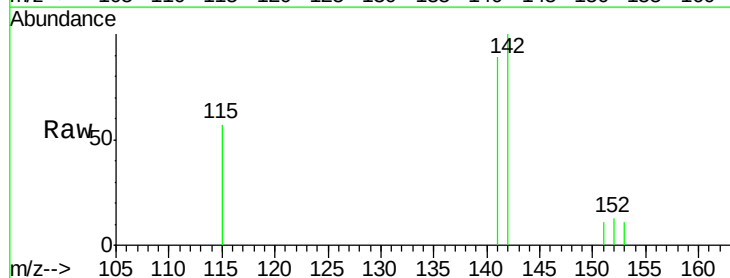
Acq: 22 Dec 2016 00:49

Tgt Ion:142 Resp: 1100

Ion Ratio Lower Upper

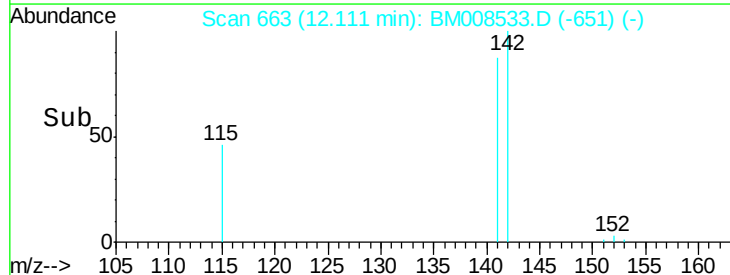
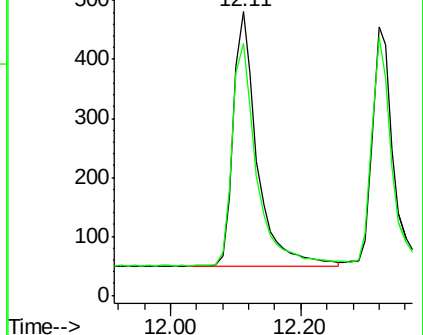
142 100

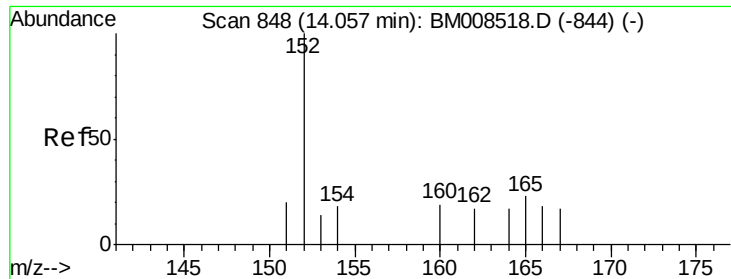
141 90.5 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.02 ng/ul

RT: 14.01 min Scan# 845

Delta R.T. -0.05 min

Lab File: BM008533.D

Acq: 22 Dec 2016 00:49

Instrument :

BNA_M

ClientSampleId :

DA8X1

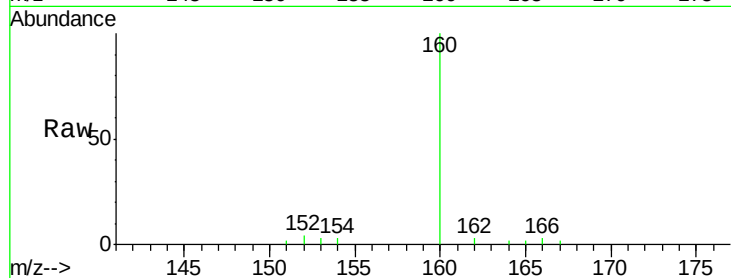
Tgt Ion:152 Resp: 87

Ion Ratio Lower Upper

152 100

151 68.9 17.1 25.7#

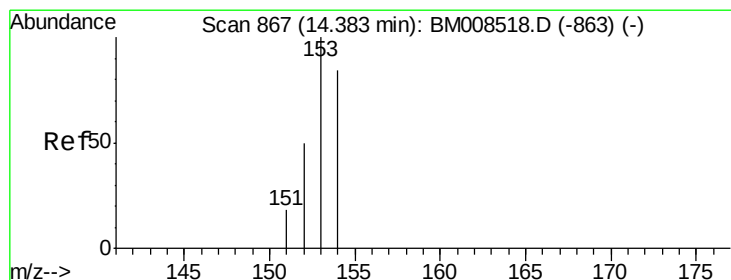
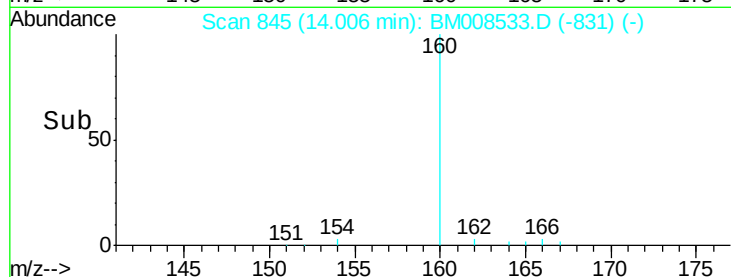
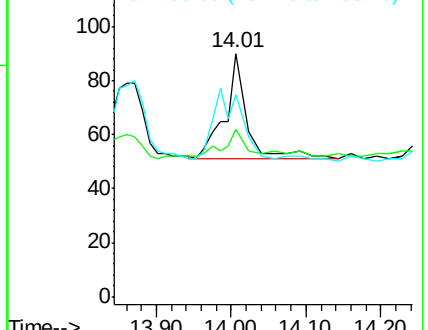
153 83.3 12.8 19.2#



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: 0.03 ng/ul

RT: 14.35 min Scan# 865

Delta R.T. -0.03 min

Lab File: BM008533.D

Acq: 22 Dec 2016 00:49

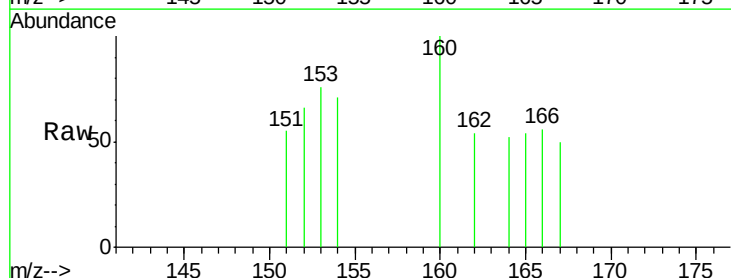
Tgt Ion:153 Resp: 89

Ion Ratio Lower Upper

153 100

152 86.3 40.3 60.5#

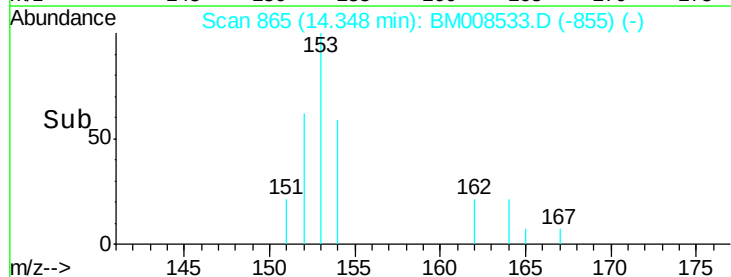
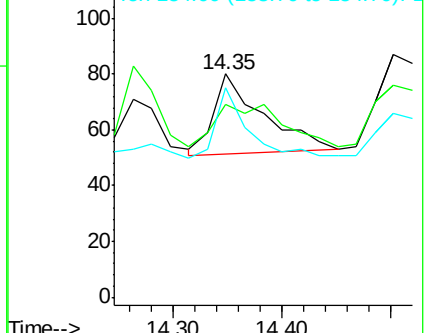
154 93.8 71.4 107.2

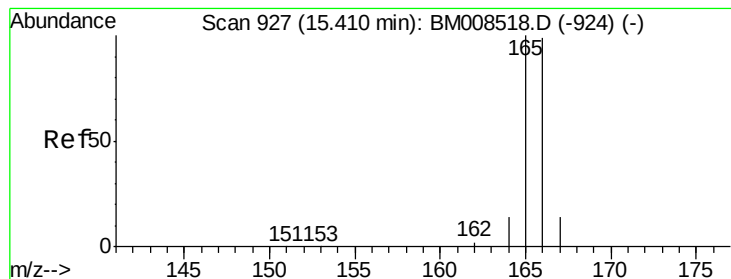


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.07 ng/ul

RT: 15.34 min Scan# 923

Delta R.T. -0.07 min

Lab File: BM008533.D

Acq: 22 Dec 2016 00:49

Instrument :

BNA_M

ClientSampleId :

DA8X1

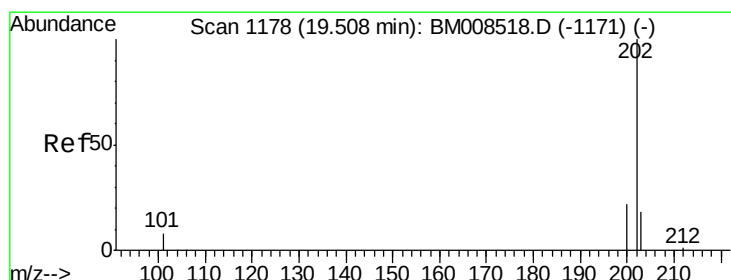
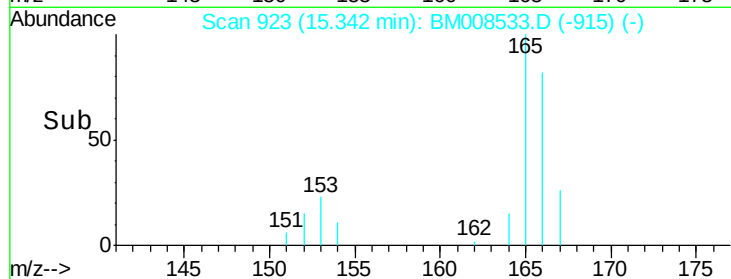
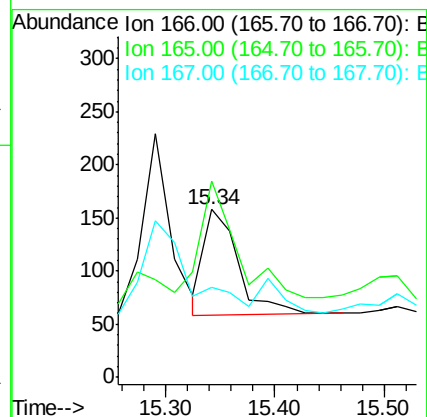
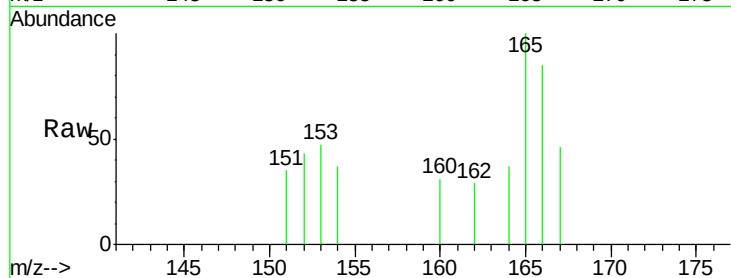
Tgt Ion:166 Resp: 223

Ion Ratio Lower Upper

166 100

165 117.1 73.4 110.2#

167 53.8 14.6 22.0#



#17

Pyrene

Concen: 0.31 ng/ul

RT: 19.47 min Scan# 1175

Delta R.T. -0.04 min

Lab File: BM008533.D

Acq: 22 Dec 2016 00:49

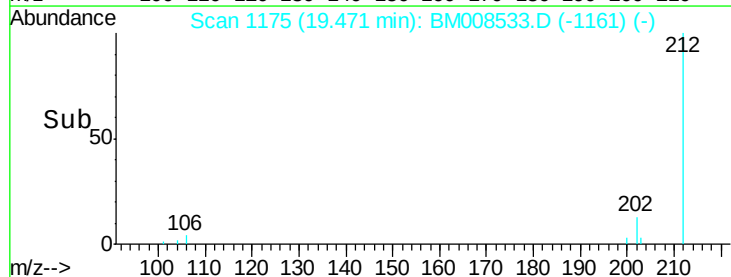
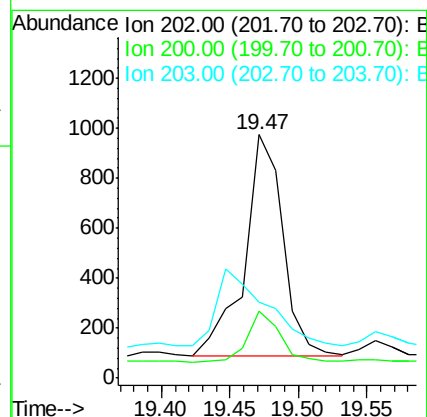
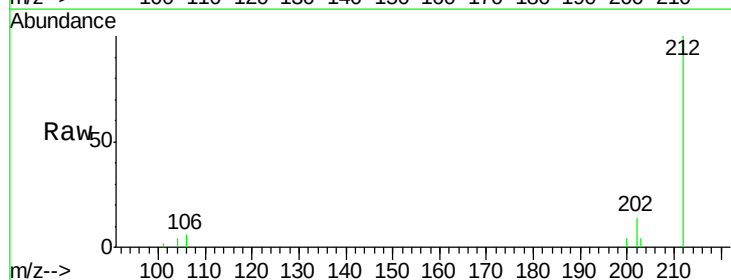
Tgt Ion:202 Resp: 1723

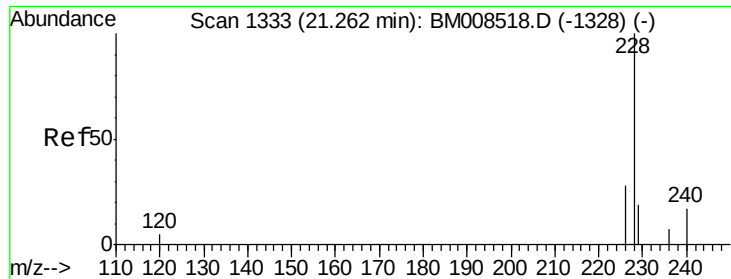
Ion Ratio Lower Upper

202 100

200 27.7 18.2 27.4#

203 31.2 15.6 23.4#





#18

Benzo(a)anthracene

Concen: 0.13 ng/ul

RT: 21.24 min Scan# 1331

Delta R.T. -0.02 min

Lab File: BM008533.D

Acq: 22 Dec 2016 00:49

Instrument :

BNA_M

ClientSampleId :

DA8X1

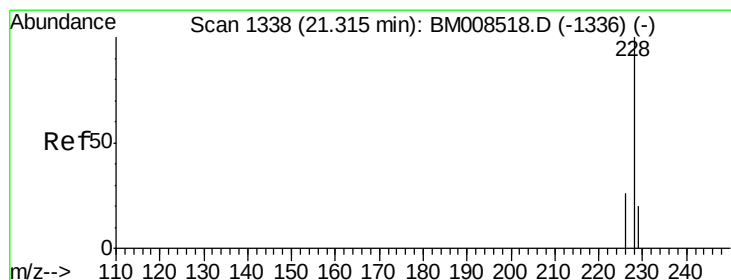
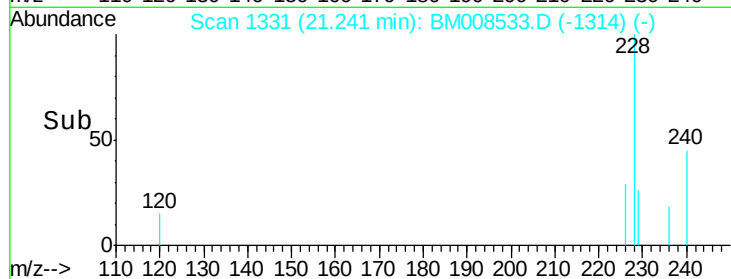
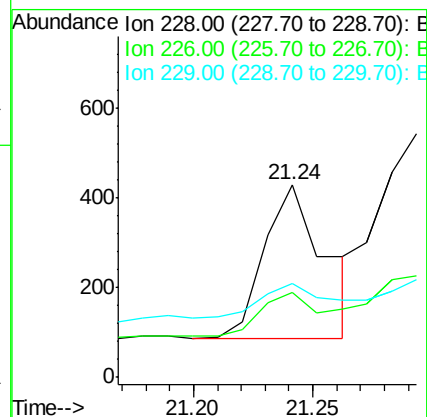
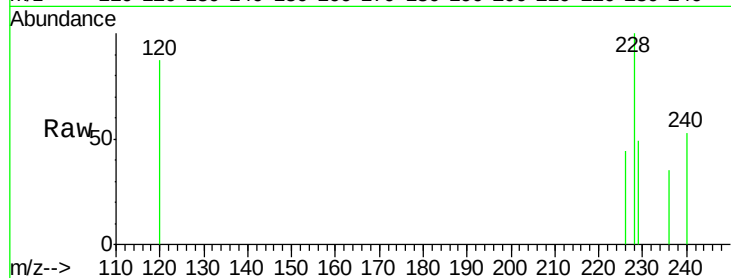
Tgt Ion:228 Resp: 607

Ion Ratio Lower Upper

228 100

226 44.1 22.8 34.2#

229 48.7 17.0 25.6#



#19

Chrysene

Concen: 0.16 ng/ul

RT: 21.29 min Scan# 1336

Delta R.T. -0.02 min

Lab File: BM008533.D

Acq: 22 Dec 2016 00:49

Tgt Ion:228 Resp: 856

Ion Ratio Lower Upper

228 100

226 41.5 23.4 35.0#

229 40.4 17.7 26.5#

