

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122116\
 Data File : BM008530.D
 Acq On : 21 Dec 2016 23:00
 Operator : UM/SJ
 Sample : H6040-03
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA8T8

Quant Time: Dec 22 00:29:39 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

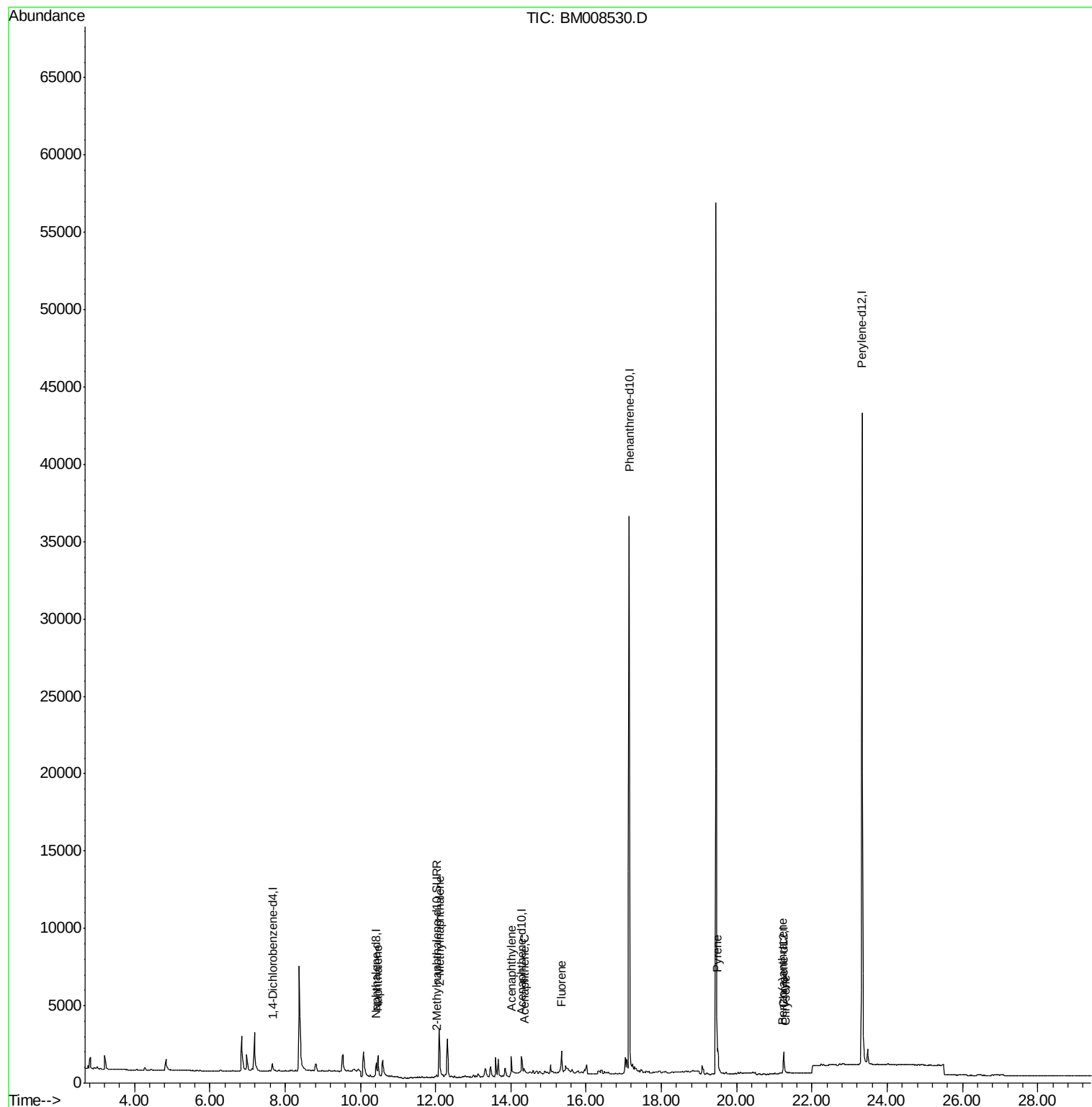
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	407	0.40	ng/ul	-0.08
2) Naphthalene-d8	10.43	136	1290	0.40	ng/ul	-0.07
6) Acenaphthene-d10	14.30	164	768	0.40	ng/ul	-0.03
10) Phenanthrene-d10	17.14	188	48638	0.40	ng/ul	0.05
16) Chrysene-d12	21.25	240	1357	0.40	ng/ul	-0.03
20) Perylene-d12	23.33	264	56589	0.40	ng/ul	-0.19
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	267	0.13	ng/ul	-0.08
14) Fluoranthene-d10	19.18	212	157	0.00	ng/ul	0.06
Target Compounds						
3) Naphthalene	10.48	128	2206	0.61	ng/ul	97
5) 2-Methylnaphthalene	12.10	142	2846	1.17	ng/ul	100
7) Acenaphthylene	14.01	152	120	0.03	ng/ul#	1
8) Acenaphthene	14.35	153	259	0.10	ng/ul#	91
9) Fluorene	15.34	166	1318	0.44	ng/ul#	79
17) Pyrene	19.47	202	857	0.16	ng/ul#	70
18) Benzo(a)anthracene	21.23	228	206	0.05	ng/ul#	10
19) Chrysene	21.28	228	172	0.04	ng/ul#	12

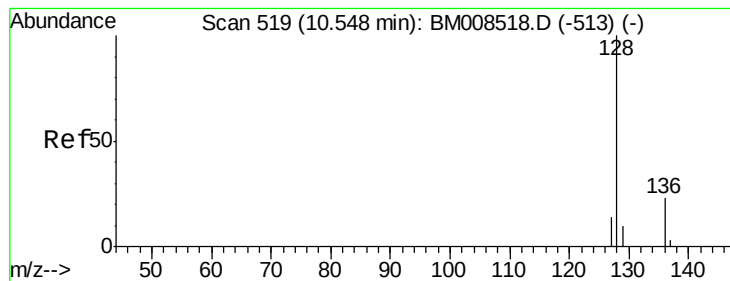
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.61 ng/ul

RT: 10.48 min Scan# 513

Delta R.T. -0.07 min

Lab File: BM008530.D

Acq: 21 Dec 2016 23:00

Instrument :

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ClientSampleId :

DA8T8

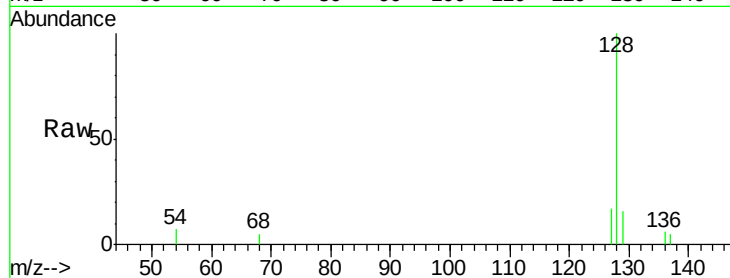
Tgt Ion:128 Resp: 2206

Ion Ratio Lower Upper

128 100

129 15.8 11.3 16.9

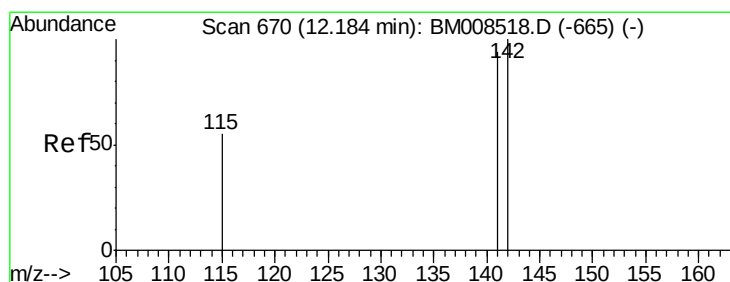
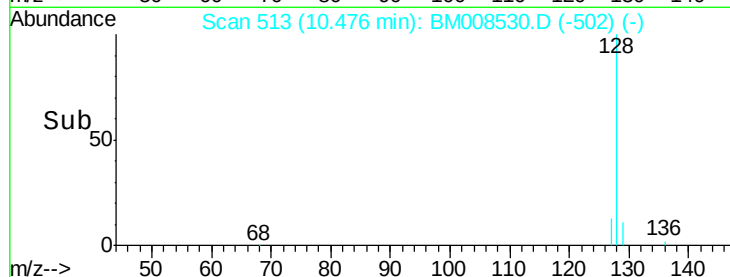
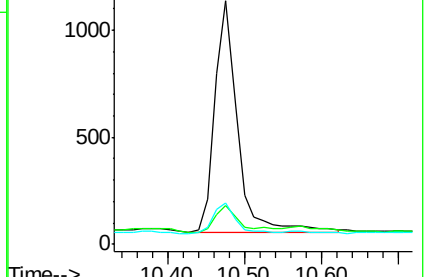
127 16.9 12.8 19.2



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: 1.17 ng/ul

RT: 12.10 min Scan# 662

Delta R.T. -0.08 min

Lab File: BM008530.D

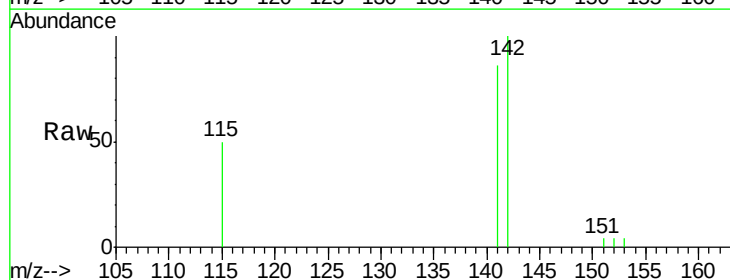
Acq: 21 Dec 2016 23:00

Tgt Ion:142 Resp: 2846

Ion Ratio Lower Upper

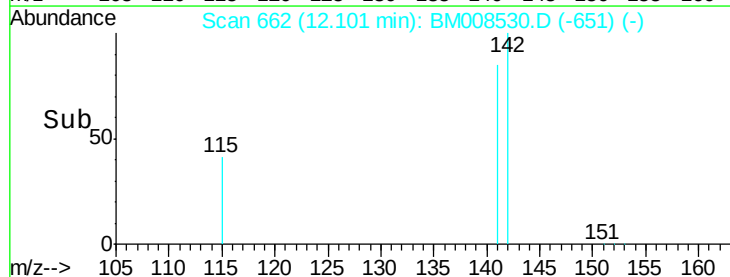
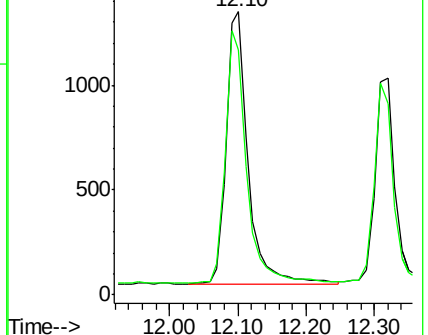
142 100

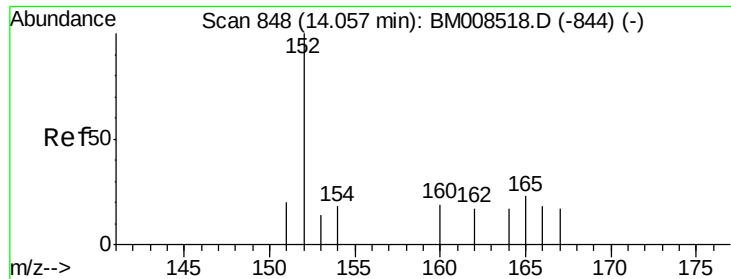
141 90.8 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.03 ng/ul

RT: 14.01 min Scan# 845

Delta R.T. -0.05 min

Lab File: BM008530.D

Acq: 21 Dec 2016 23:00

Instrument :

BNA_M

ClientSampleId :

DA8T8

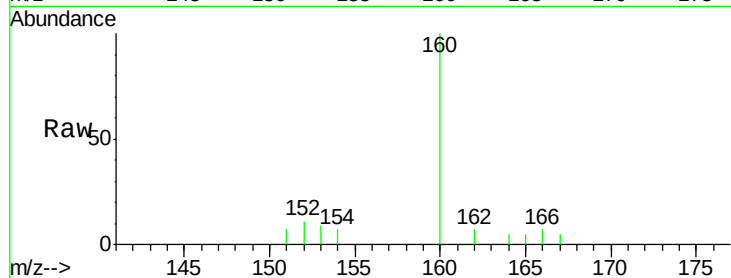
Tgt Ion:152 Resp: 120

Ion Ratio Lower Upper

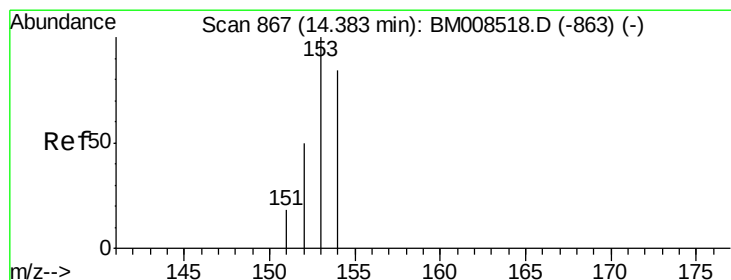
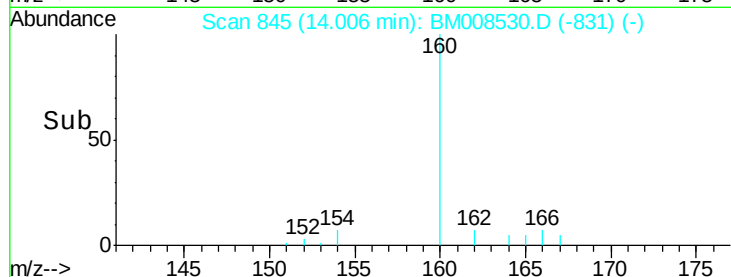
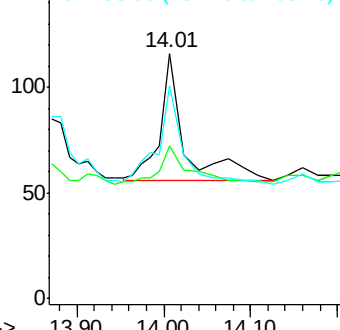
152 100

151 62.1 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: 0.10 ng/ul

RT: 14.35 min Scan# 865

Delta R.T. -0.03 min

Lab File: BM008530.D

Acq: 21 Dec 2016 23:00

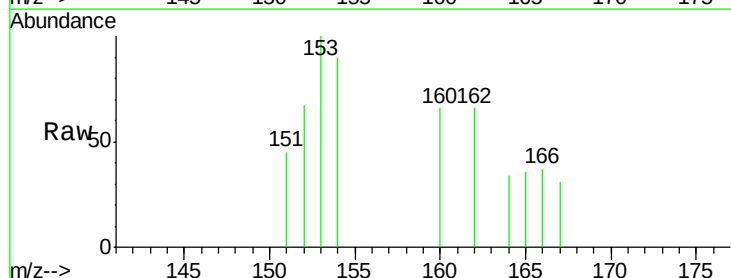
Tgt Ion:153 Resp: 259

Ion Ratio Lower Upper

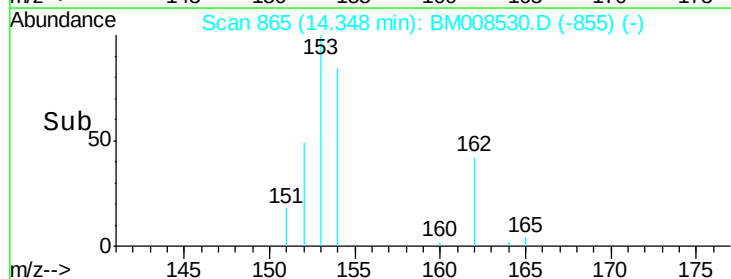
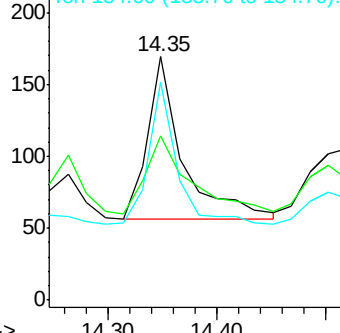
153 100

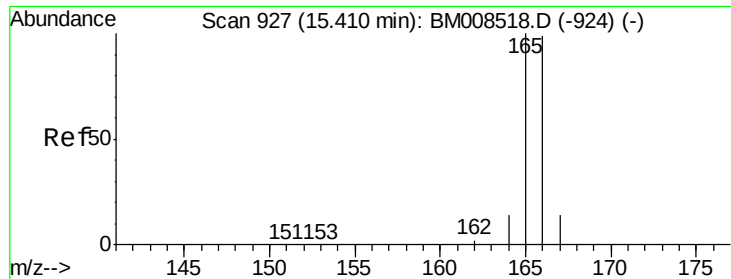
152 67.5 40.3 60.5#

154 89.9 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: 15.34 min Scan# 923

Delta R.T. -0.07 min

Lab File: BM008530.D

Acq: 21 Dec 2016 23:00

Instrument :

BNA_M

ClientSampleId :

DA8T8

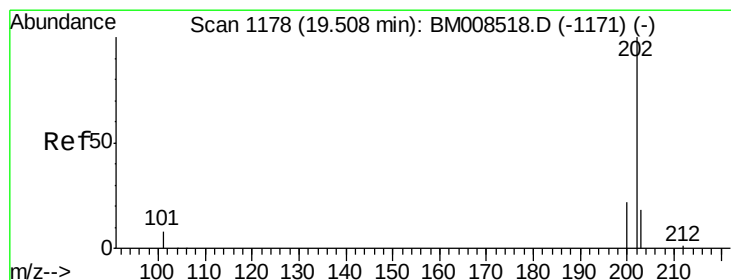
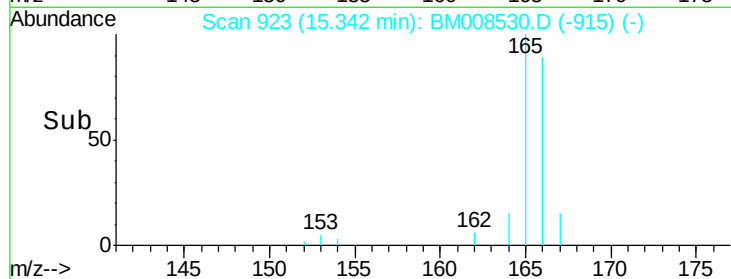
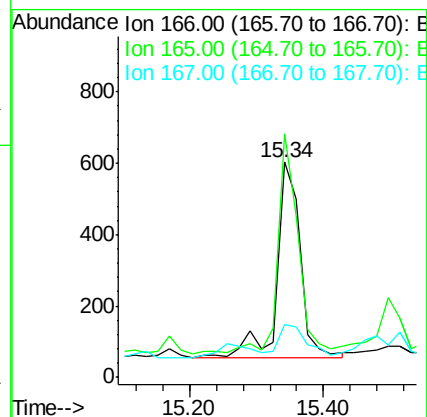
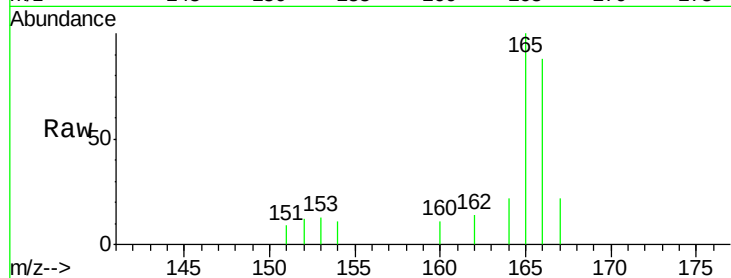
Tgt Ion:166 Resp: 1318

Ion Ratio Lower Upper

166 100

165 113.1 73.4 110.2#

167 24.9 14.6 22.0#



#17

Pyrene

Concen: 0.16 ng/ul

RT: 19.47 min Scan# 1175

Delta R.T. -0.04 min

Lab File: BM008530.D

Acq: 21 Dec 2016 23:00

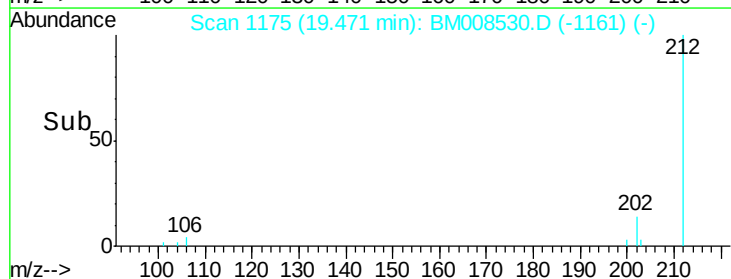
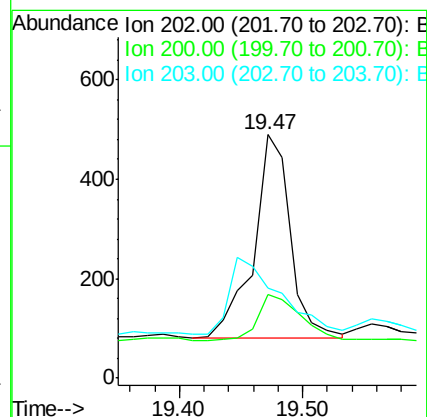
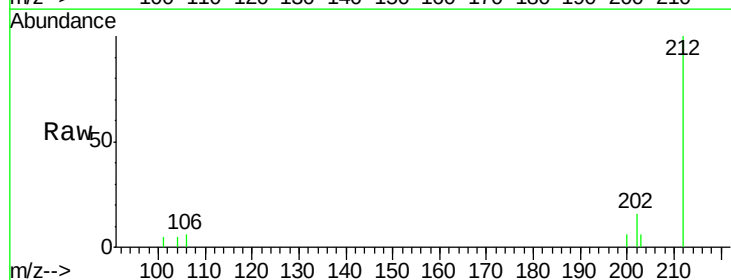
Tgt Ion:202 Resp: 857

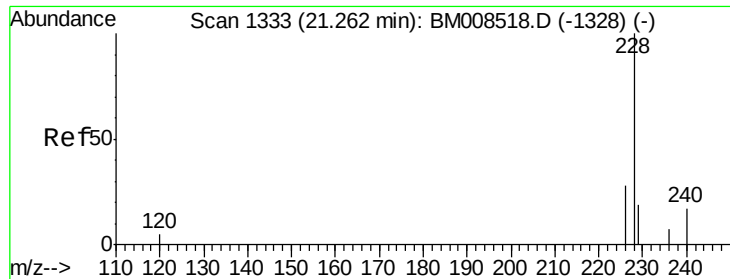
Ion Ratio Lower Upper

202 100

200 34.5 18.2 27.4#

203 36.7 15.6 23.4#





#18

Benzo(a)anthracene

Concen: 0.05 ng/ul

RT: 21.23 min Scan# 1330

Delta R.T. -0.03 min

Lab File: BM008530.D

Acq: 21 Dec 2016 23:00

Instrument :

BNA_M

ClientSampleId :

DA8T8

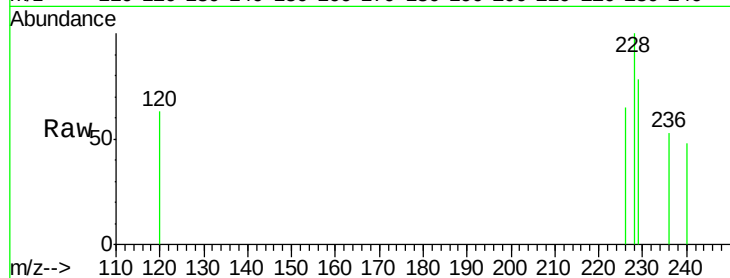
Tgt Ion:228 Resp: 206

Ion Ratio Lower Upper

228 100

226 64.7 22.8 34.2#

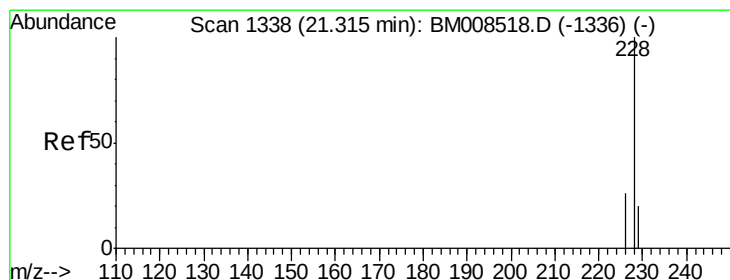
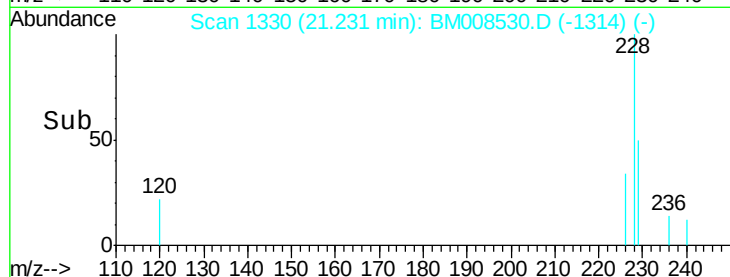
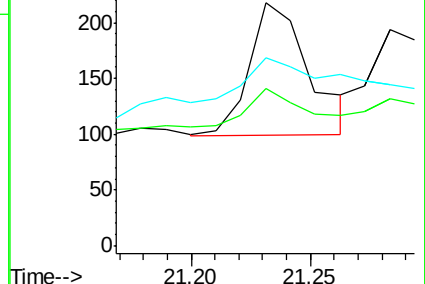
229 77.5 17.0 25.6#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#19

Chrysene

Concen: 0.04 ng/ul

RT: 21.28 min Scan# 1335

Delta R.T. -0.03 min

Lab File: BM008530.D

Acq: 21 Dec 2016 23:00

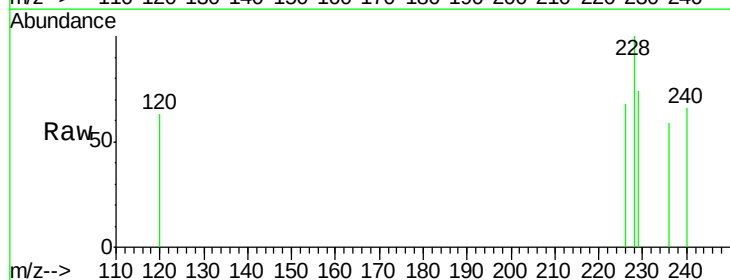
Tgt Ion:228 Resp: 172

Ion Ratio Lower Upper

228 100

226 68.0 23.4 35.0#

229 74.2 17.7 26.5#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

