

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121916\
 Data File : BM008464.D
 Acq On : 20 Dec 2016 04:48
 Operator : UM/SJ
 Sample : H5938-11
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA831

Quant Time: Dec 20 05:35:24 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 20 04:48:59 2016
 Response via : Initial Calibration

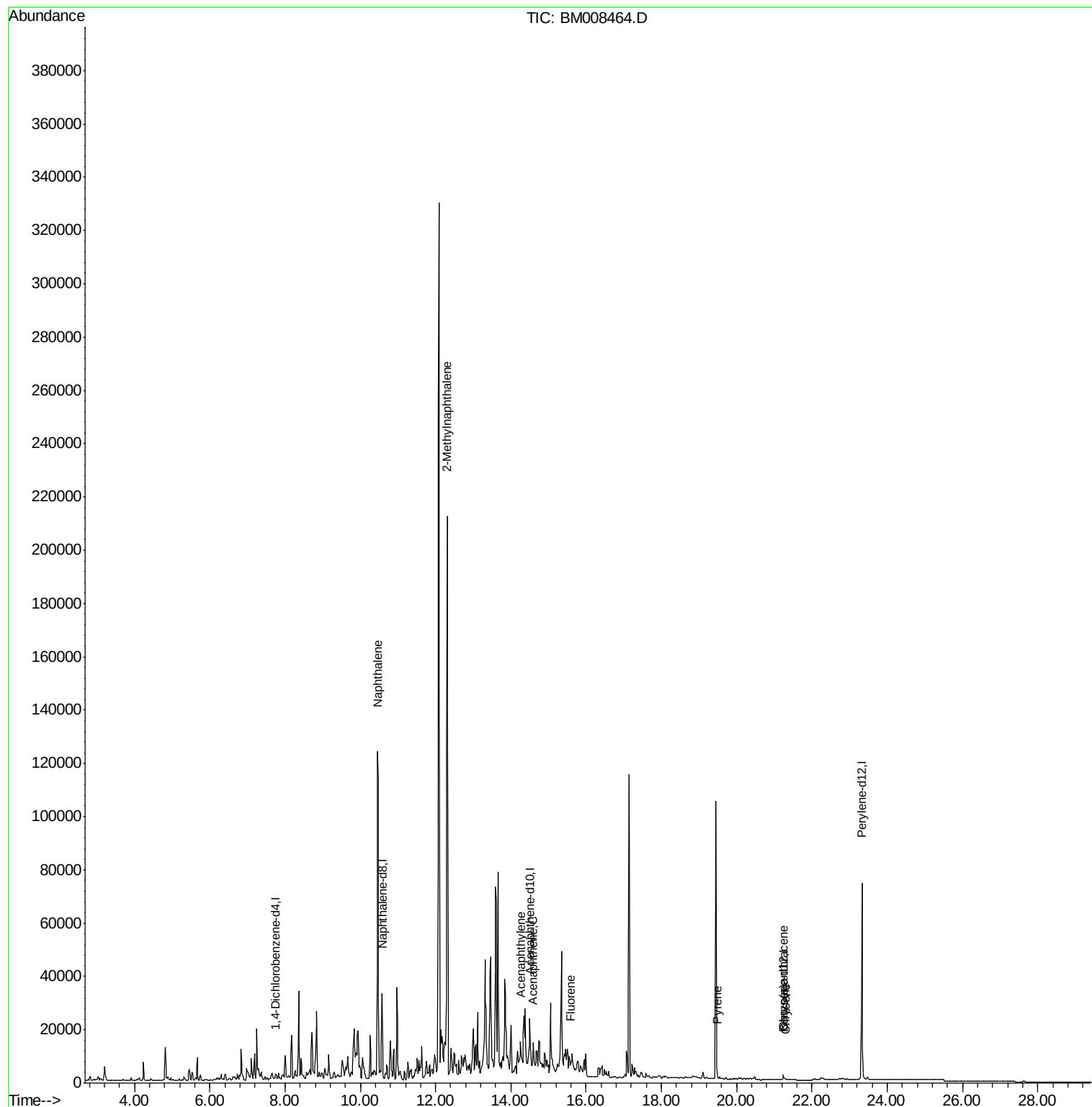
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	55	0.40	ng/ul	0.02
2) Naphthalene-d8	10.58	136	45493	0.40	ng/ul	0.10
6) Acenaphthene-d10	14.50	164	494	0.40	ng/ul	0.19
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-17.09
16) Chrysene-d12	21.24	240	1566	0.40	ng/ul	-0.03
20) Perylene-d12	23.33	264	91668	0.40	ng/ul	-0.18
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.24	152	1121	0.02	ng/ul	0.14
14) Fluoranthene-d10	19.09	212	5507	0.00	ng/ul	-0.02
Target Compounds						
					Qvalue	
3) Naphthalene	10.46	128	154546	1.21	ng/ul#	94
5) 2-Methylnaphthalene	12.31	142	134602	1.56	ng/ul	98
7) Acenaphthylene	14.26	152	4514	2.02	ng/ul#	22
8) Acenaphthene	14.59	153	6354	3.78	ng/ul#	53
9) Fluorene	15.58	166	480	0.25	ng/ul#	1
17) Pyrene	19.48	202	2986	0.49	ng/ul#	83
18) Benzo(a)anthracene	21.23	228	595	0.12	ng/ul#	7
19) Chrysene	21.29	228	511	0.09	ng/ul#	11

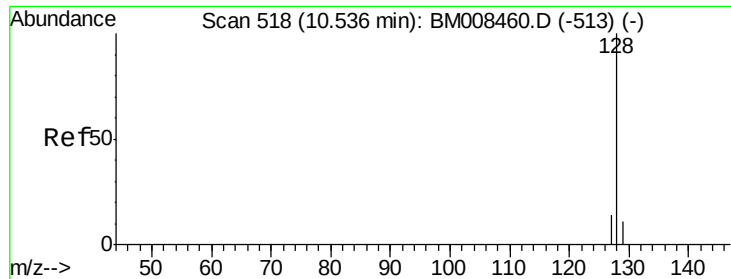
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 1.21 ng/ul

RT: 10.46 min Scan# 512

Delta R.T. -0.07 min

Lab File: BM008464.D

Acq: 20 Dec 2016 04:48

Instrument :

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ClientSampleId :

DA831

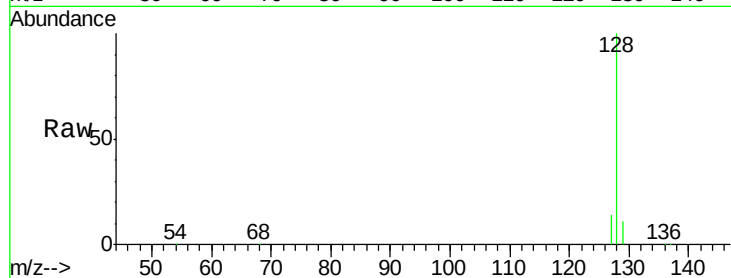
Tgt Ion:128 Resp: 154546

Ion Ratio Lower Upper

128 100

129 11.0 11.3 16.9#

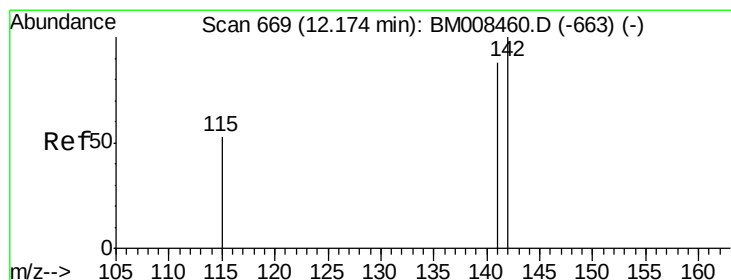
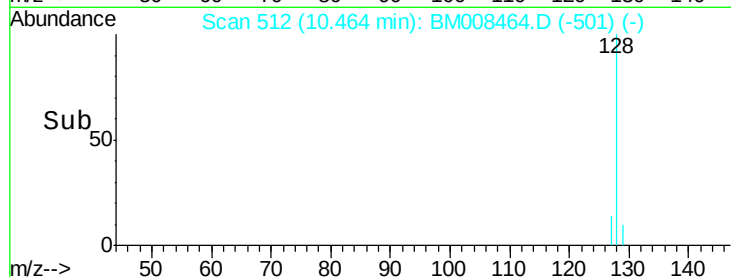
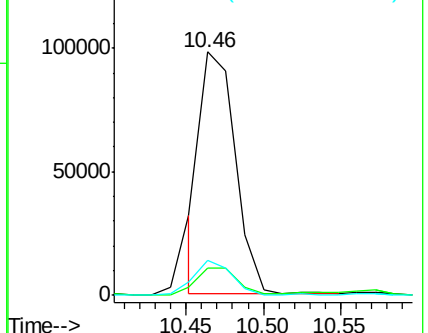
127 14.3 12.8 19.2



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: 1.56 ng/ul

RT: 12.31 min Scan# 682

Delta R.T. 0.14 min

Lab File: BM008464.D

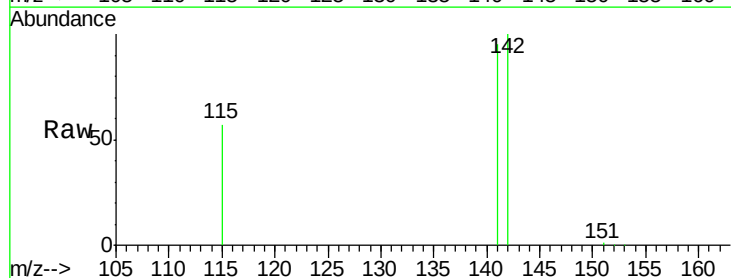
Acq: 20 Dec 2016 04:48

Tgt Ion:142 Resp: 134602

Ion Ratio Lower Upper

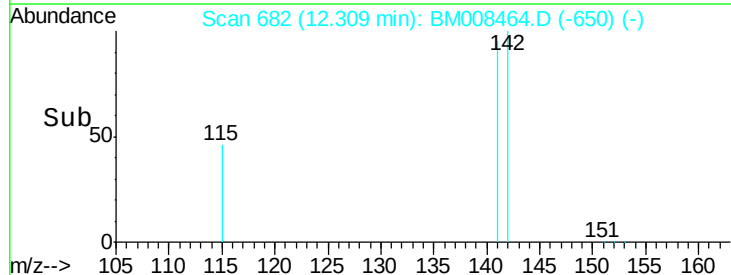
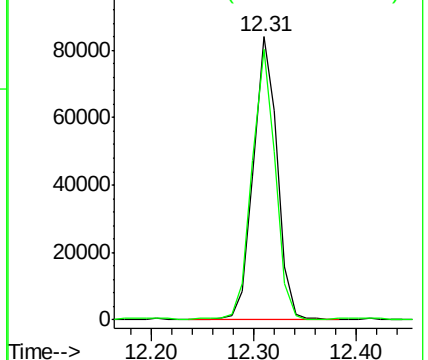
142 100

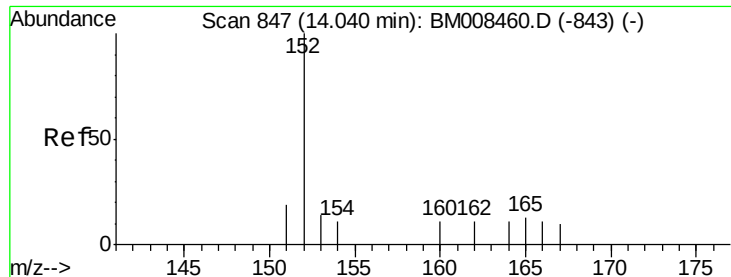
141 93.0 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 2.02 ng/ul

RT: 14.26 min Scan# 860

Delta R.T. 0.22 min

Lab File: BM008464.D

Acq: 20 Dec 2016 04:48

Instrument :

BNA_M

ClientSampleId :

DA831

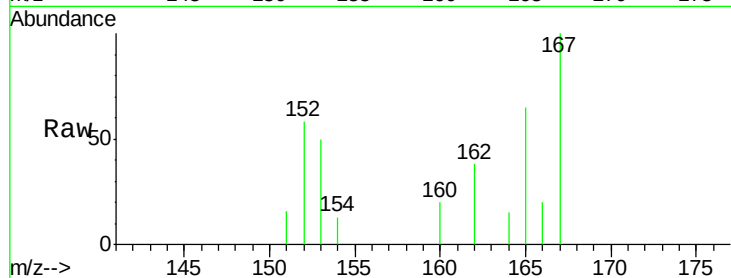
Tgt Ion:152 Resp: 4514

Ion Ratio Lower Upper

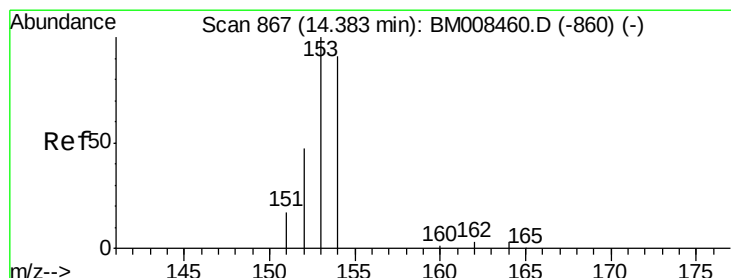
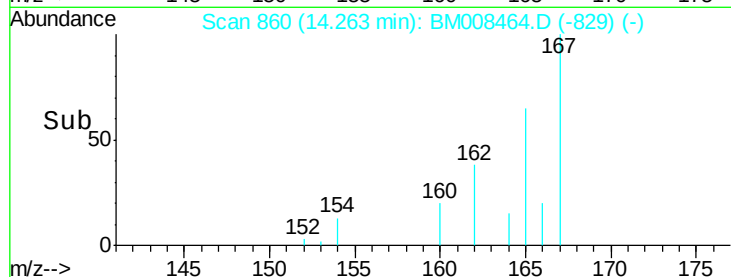
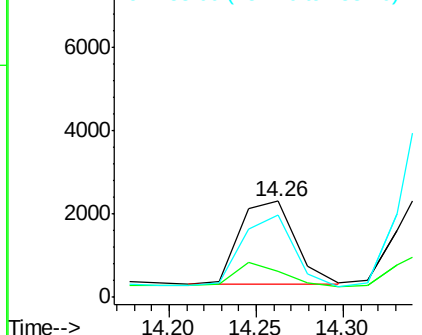
152 100

151 27.1 17.1 25.7#

153 86.1 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: 3.78 ng/ul

RT: 14.59 min Scan# 879

Delta R.T. 0.21 min

Lab File: BM008464.D

Acq: 20 Dec 2016 04:48

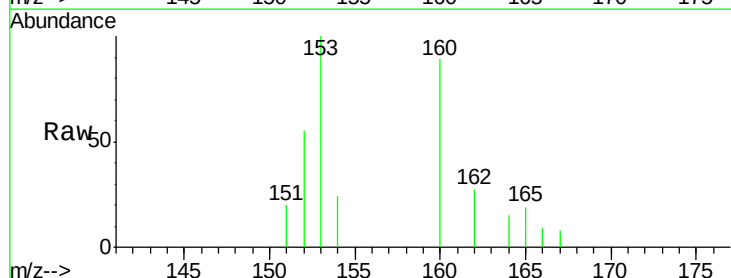
Tgt Ion:153 Resp: 6354

Ion Ratio Lower Upper

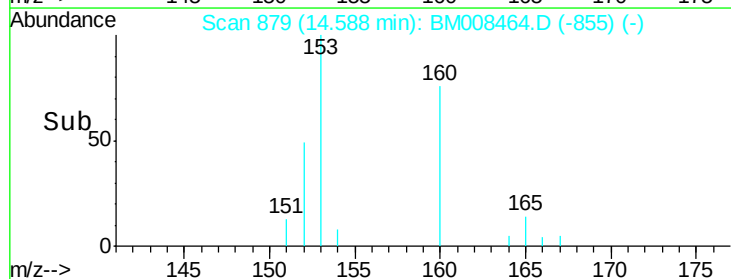
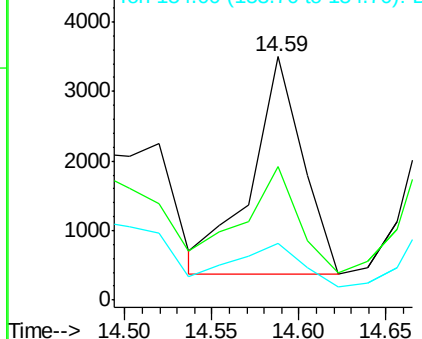
153 100

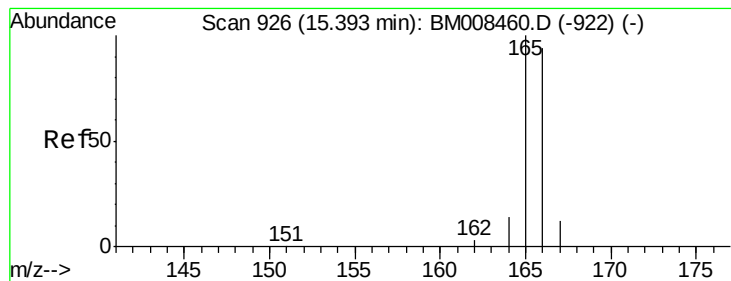
152 54.7 40.3 60.5

154 23.5 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: 0.25 ng/ul

RT: 15.58 min Scan# 937

Delta R.T. 0.19 min

Lab File: BM008464.D

Acq: 20 Dec 2016 04:48

Instrument :

BNA_M

ClientSampleId :

DA831

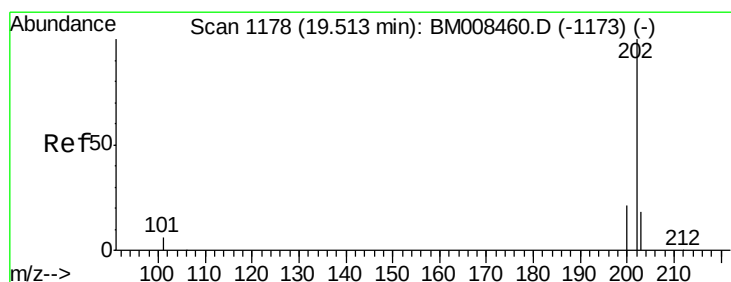
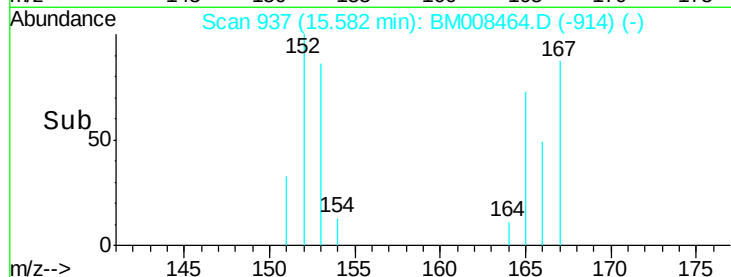
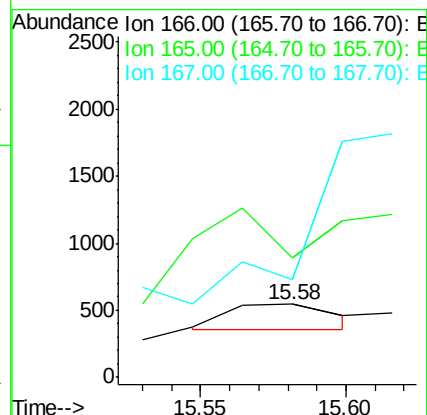
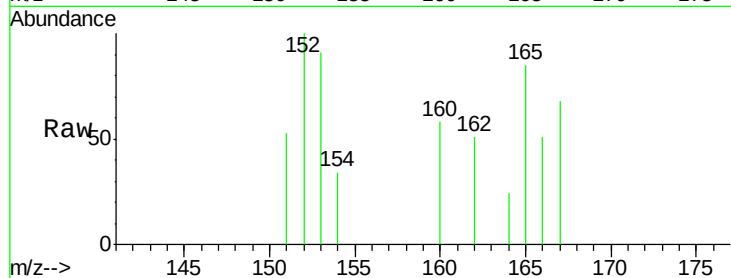
Tgt Ion:166 Resp: 480

Ion Ratio Lower Upper

166 100

165 164.8 73.4 110.2#

167 133.5 14.6 22.0#



#17

Pyrene

Concen: 0.49 ng/ul

RT: 19.48 min Scan# 1175

Delta R.T. -0.04 min

Lab File: BM008464.D

Acq: 20 Dec 2016 04:48

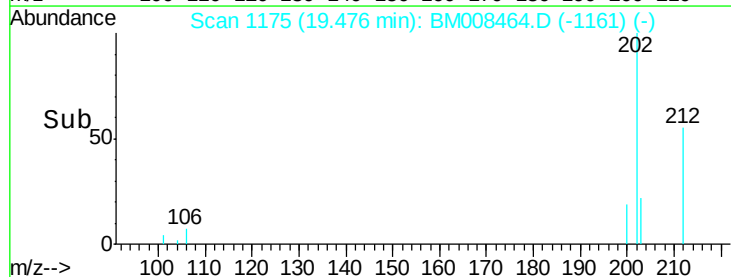
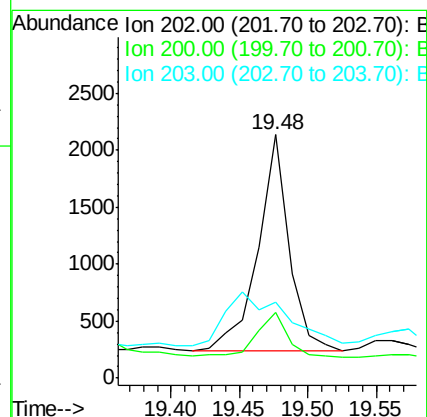
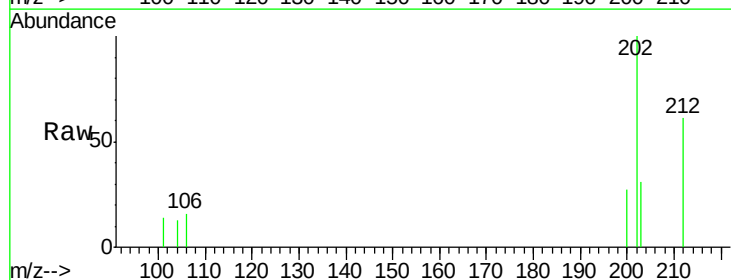
Tgt Ion:202 Resp: 2986

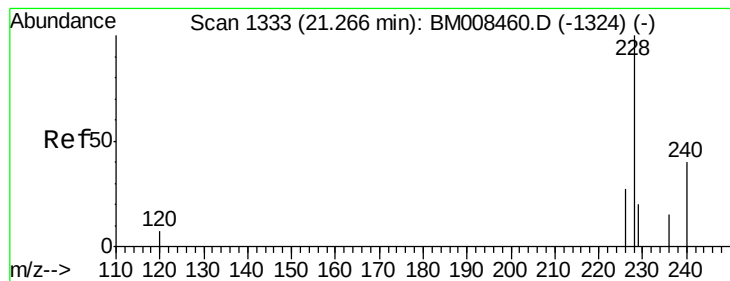
Ion Ratio Lower Upper

202 100

200 27.1 18.2 27.4

203 31.4 15.6 23.4#





#18

Benzo(a)anthracene

Concen: 0.12 ng/ul

RT: 21.23 min Scan# 1330

Delta R.T. -0.03 min

Lab File: BM008464.D

Acq: 20 Dec 2016 04:48

Instrument :

BNA_M

ClientSampleId :

DA831

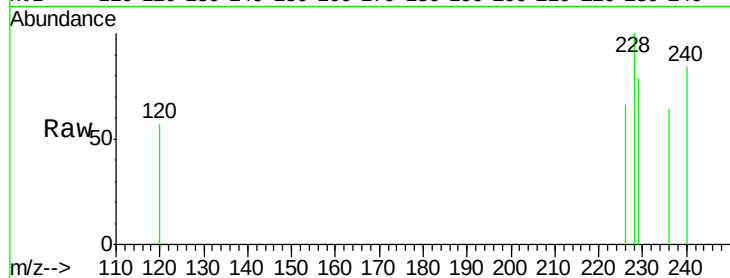
Tgt Ion:228 Resp: 595

Ion Ratio Lower Upper

228 100

226 65.8 22.8 34.2#

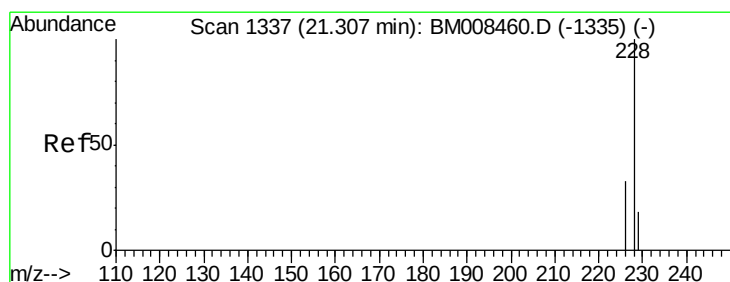
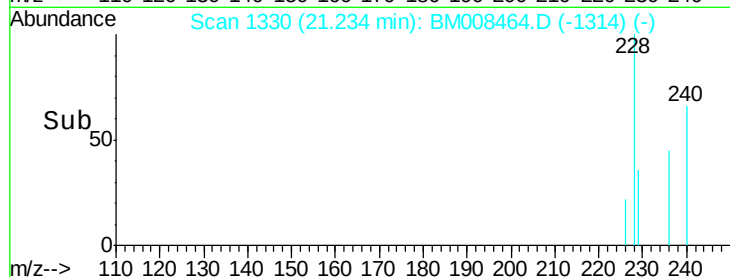
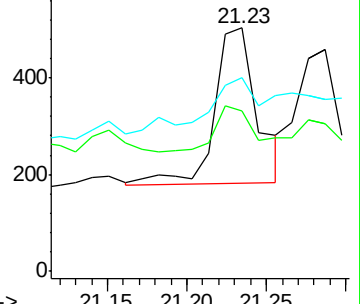
229 79.3 17.0 25.6#



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: 0.09 ng/ul

RT: 21.29 min Scan# 1335

Delta R.T. -0.02 min

Lab File: BM008464.D

Acq: 20 Dec 2016 04:48

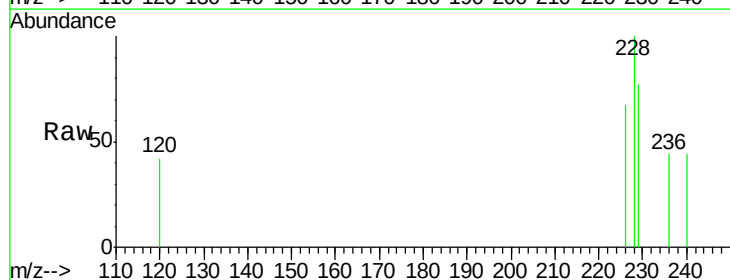
Tgt Ion:228 Resp: 511

Ion Ratio Lower Upper

228 100

226 66.7 23.4 35.0#

229 77.1 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

