

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122316\
 Data File : BM008605.D
 Acq On : 23 Dec 2016 20:55
 Operator : UM/SJ
 Sample : H6069-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA7J2

Quant Time: Dec 23 23:42:42 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 23 23:37:39 2016
 Response via : Initial Calibration

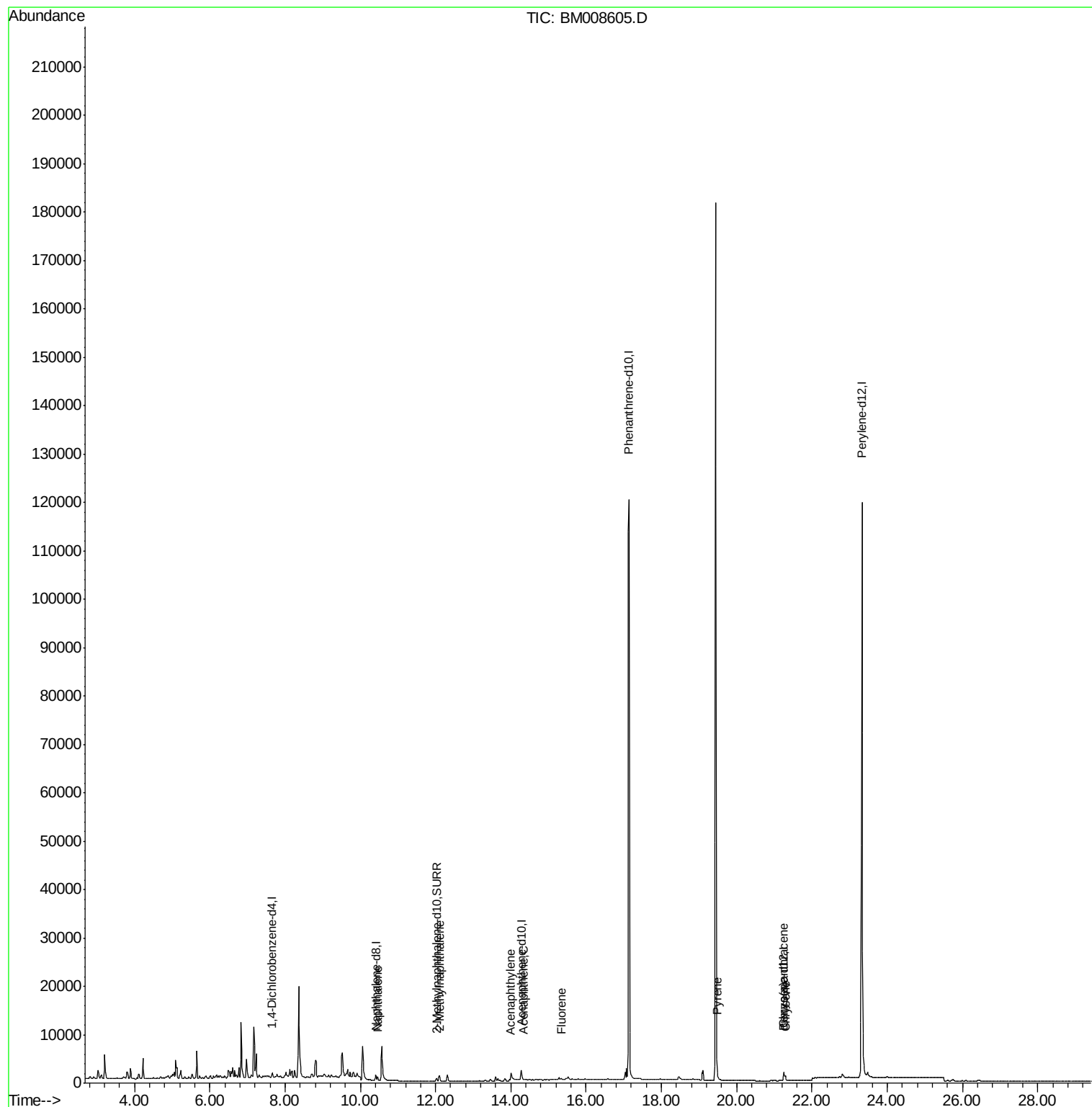
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	451	0.40	ng/ul	-0.09
2) Naphthalene-d8	10.42	136	1581	0.40	ng/ul	-0.08
6) Acenaphthene-d10	14.28	164	1084	0.40	ng/ul	-0.03
10) Phenanthrene-d10	17.14	188	215826	0.40	ng/ul	0.05
16) Chrysene-d12	21.26	240	1679	0.40	ng/ul	-0.02
20) Perylene-d12	23.33	264	144762	0.40	ng/ul	-0.17
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	1093	0.45	ng/ul	-0.07
14) Fluoranthene-d10	19.09	212	2465	0.00	ng/ul	-0.02
Target Compounds				Qvalue		
3) Naphthalene	10.46	128	1097	0.25	ng/ul#	86
5) 2-Methylnaphthalene	12.10	142	1153	0.39	ng/ul	100
7) Acenaphthylene	14.00	152	200	0.04	ng/ul#	9
8) Acenaphthene	14.35	153	160	0.04	ng/ul#	85
9) Fluorene	15.34	166	125	0.03	ng/ul#	70
17) Pyrene	19.48	202	2291	0.35	ng/ul#	92
18) Benzo(a)anthracene	21.24	228	937	0.17	ng/ul#	79
19) Chrysene	21.30	228	1096	0.18	ng/ul#	81

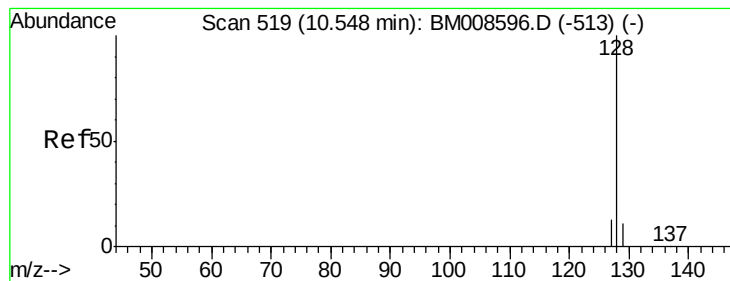
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.25 ng/ul

RT: 10.46 min Scan# 512

Delta R.T. -0.08 min

Lab File: BM008605.D

Acq: 23 Dec 2016 20:55

Instrument :

BNA_M

ClientSampleId :

DA7J2

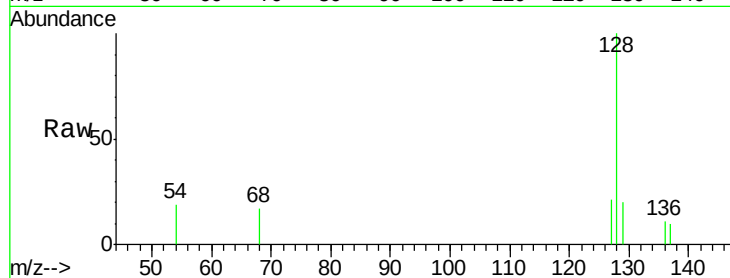
Tgt Ion:128 Resp: 1097

Ion Ratio Lower Upper

128 100

129 20.4 11.3 16.9#

127 21.0 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

800

600

400

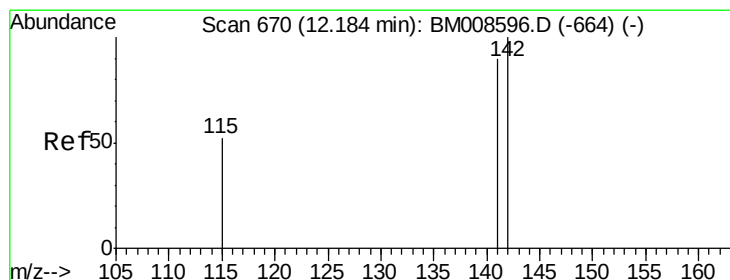
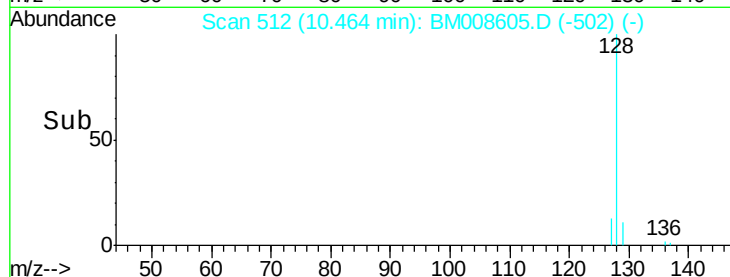
200

0

10.40

10.50

Time-->



#5

2-Methylnaphthalene

Concen: 0.39 ng/ul

RT: 12.10 min Scan# 662

Delta R.T. -0.08 min

Lab File: BM008605.D

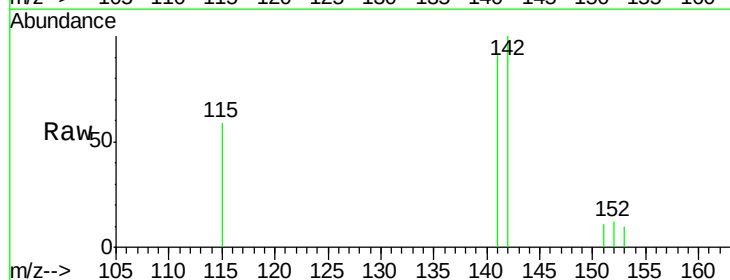
Acq: 23 Dec 2016 20:55

Tgt Ion:142 Resp: 1153

Ion Ratio Lower Upper

142 100

141 91.0 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

600

400

200

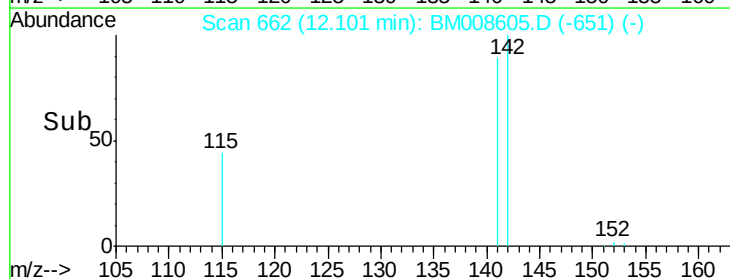
0

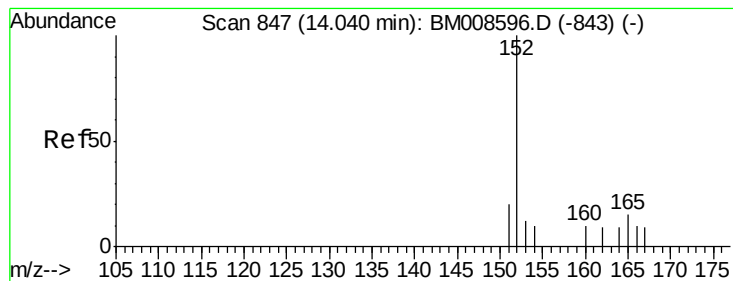
12.00

12.10

12.20

Time-->





#7

Acenaphthylene

Concen: 0.04 ng/ul

RT: 14.00 min Scan# 844

Delta R.T. -0.04 min

Lab File: BM008605.D

Acq: 23 Dec 2016 20:55

Instrument :

BNA_M

ClientSampleId :

DA7J2

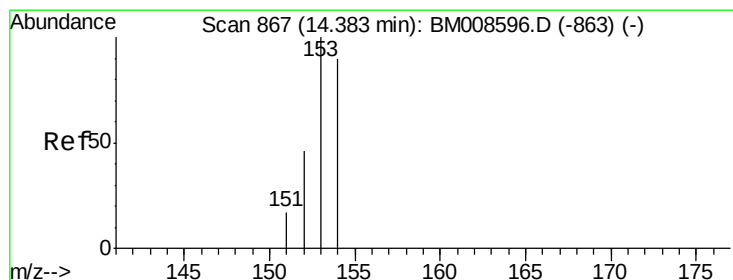
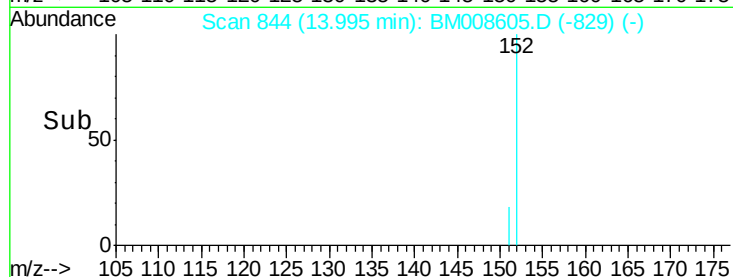
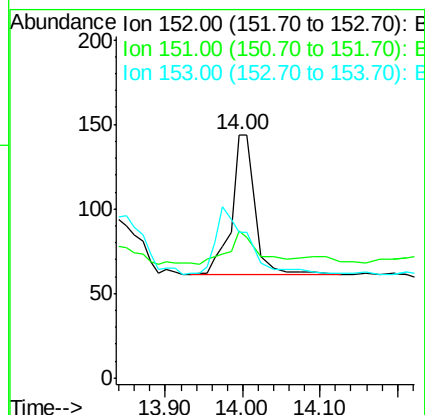
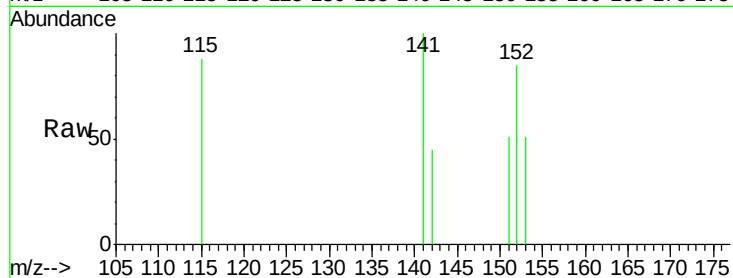
Tgt Ion:152 Resp: 200

Ion Ratio Lower Upper

152 100

151 60.4 17.1 25.7#

153 59.7 12.8 19.2#



#8

Acenaphthene

Concen: 0.04 ng/ul

RT: 14.35 min Scan# 865

Delta R.T. -0.03 min

Lab File: BM008605.D

Acq: 23 Dec 2016 20:55

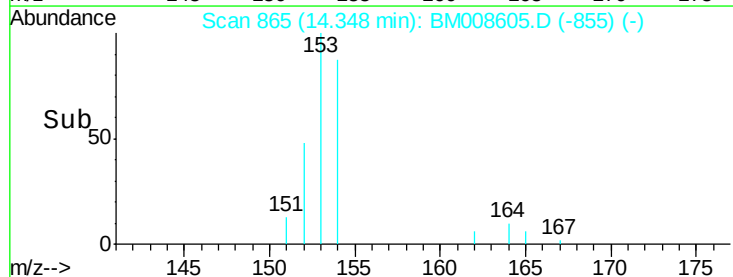
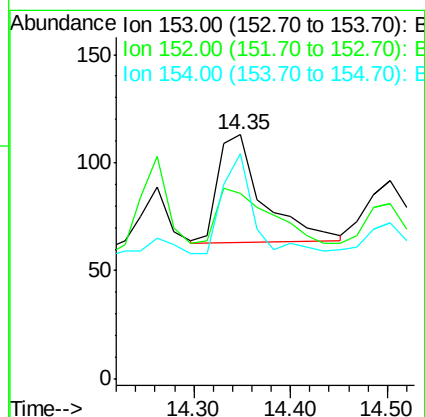
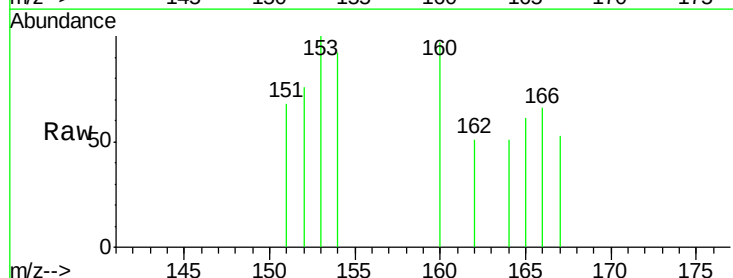
Tgt Ion:153 Resp: 160

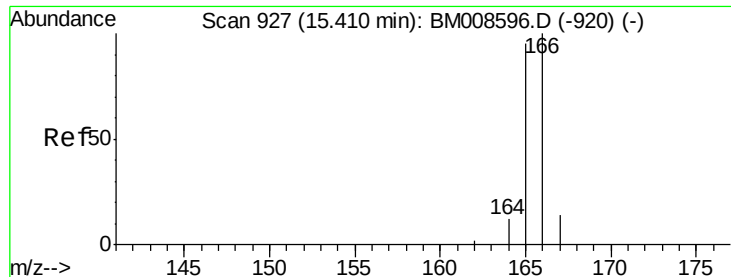
Ion Ratio Lower Upper

153 100

152 76.1 40.3 60.5#

154 92.0 71.4 107.2





#9

Fluorene

Concen: 0.03 ng/ul

RT: 15.34 min Scan# 923

Delta R.T. -0.07 min

Lab File: BM008605.D

Acq: 23 Dec 2016 20:55

Instrument :

BNA_M

ClientSampleId :

DA7J2

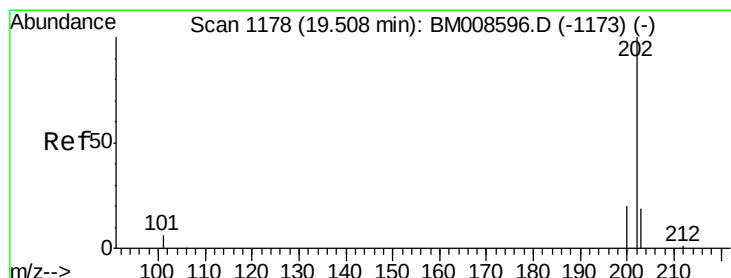
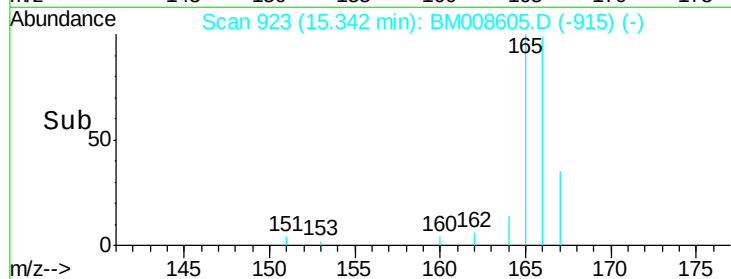
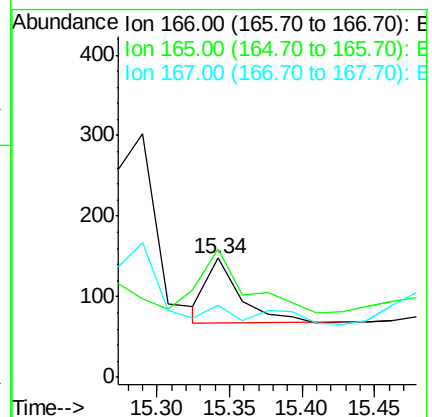
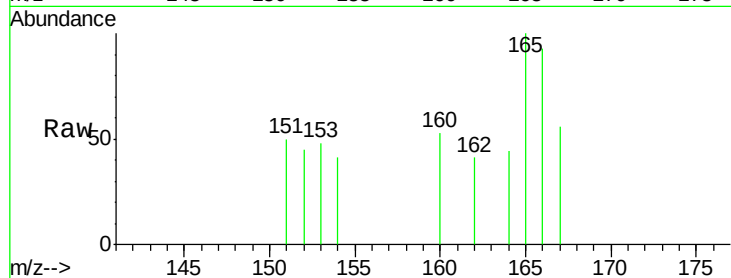
Tgt Ion:166 Resp: 125

Ion Ratio Lower Upper

166 100

165 108.1 73.4 110.2

167 60.1 14.6 22.0#



#17

Pyrene

Concen: 0.35 ng/ul

RT: 19.48 min Scan# 1175

Delta R.T. -0.03 min

Lab File: BM008605.D

Acq: 23 Dec 2016 20:55

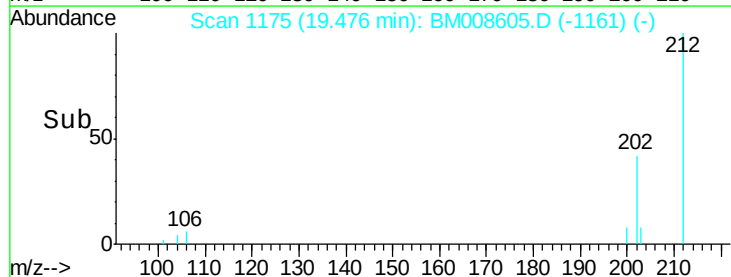
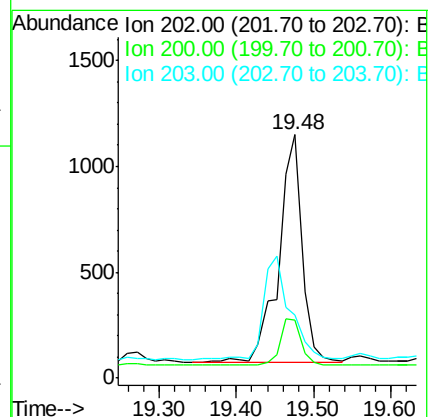
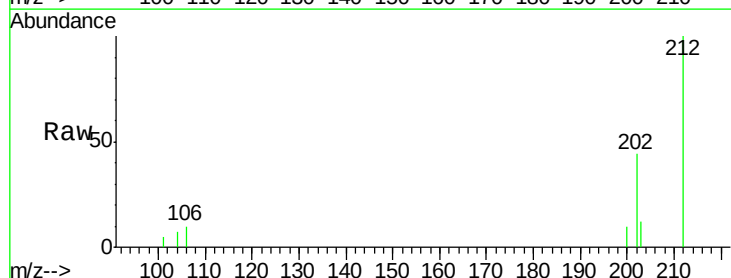
Tgt Ion:202 Resp: 2291

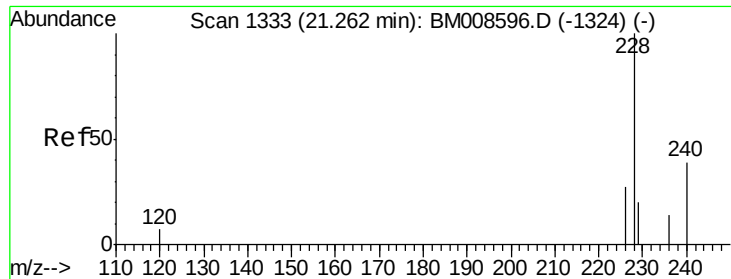
Ion Ratio Lower Upper

202 100

200 23.5 18.2 27.4

203 26.2 15.6 23.4#





#18

Benzo(a)anthracene

Concen: 0.17 ng/ul

RT: 21.24 min Scan# 1331

Delta R.T. -0.02 min

Lab File: BM008605.D

Acq: 23 Dec 2016 20:55

Instrument :

BNA_M

ClientSampleId :

DA7J2

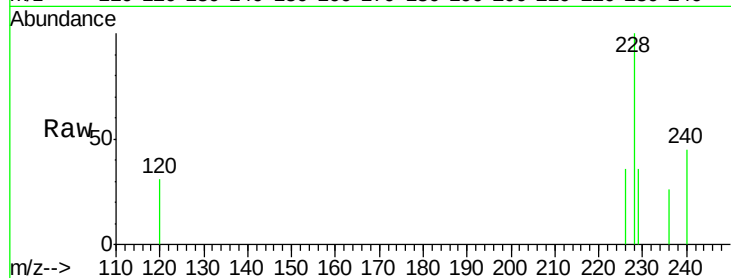
Tgt Ion:228 Resp: 937

Ion Ratio Lower Upper

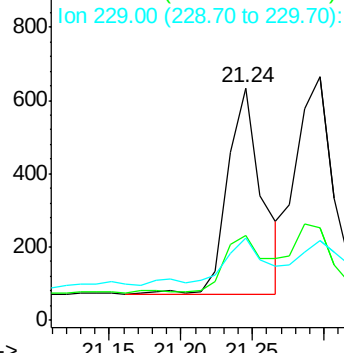
228 100

226 36.3 22.8 34.2#

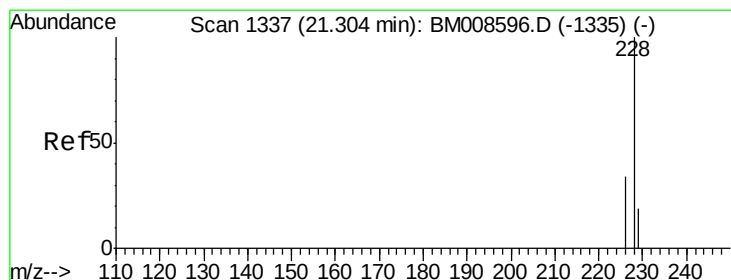
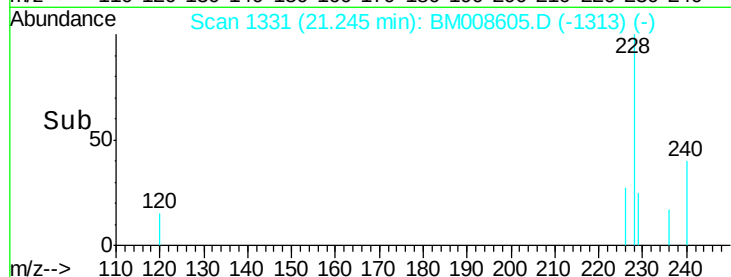
229 35.6 17.0 25.6#



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



Time-->



#19

Chrysene

Concen: 0.18 ng/ul

RT: 21.30 min Scan# 1336

Delta R.T. -0.01 min

Lab File: BM008605.D

Acq: 23 Dec 2016 20:55

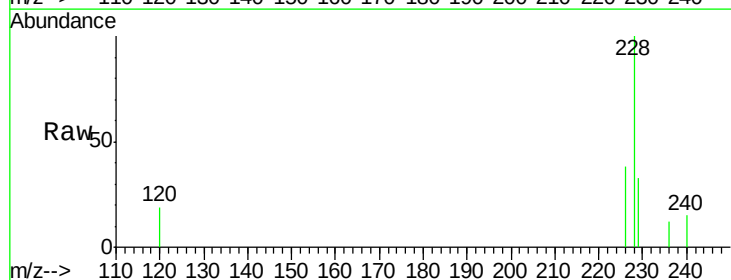
Tgt Ion:228 Resp: 1096

Ion Ratio Lower Upper

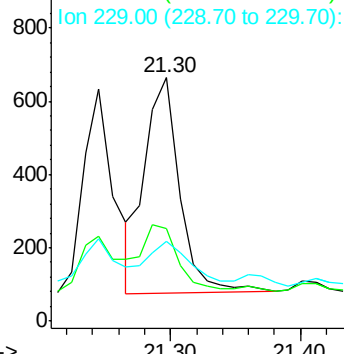
228 100

226 38.0 23.4 35.0#

229 33.0 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



Time-->

