

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122316\
 Data File : BM008603.D
 Acq On : 23 Dec 2016 19:44
 Operator : UM/SJ
 Sample : H6069-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA7J0

Quant Time: Dec 23 23:42:20 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

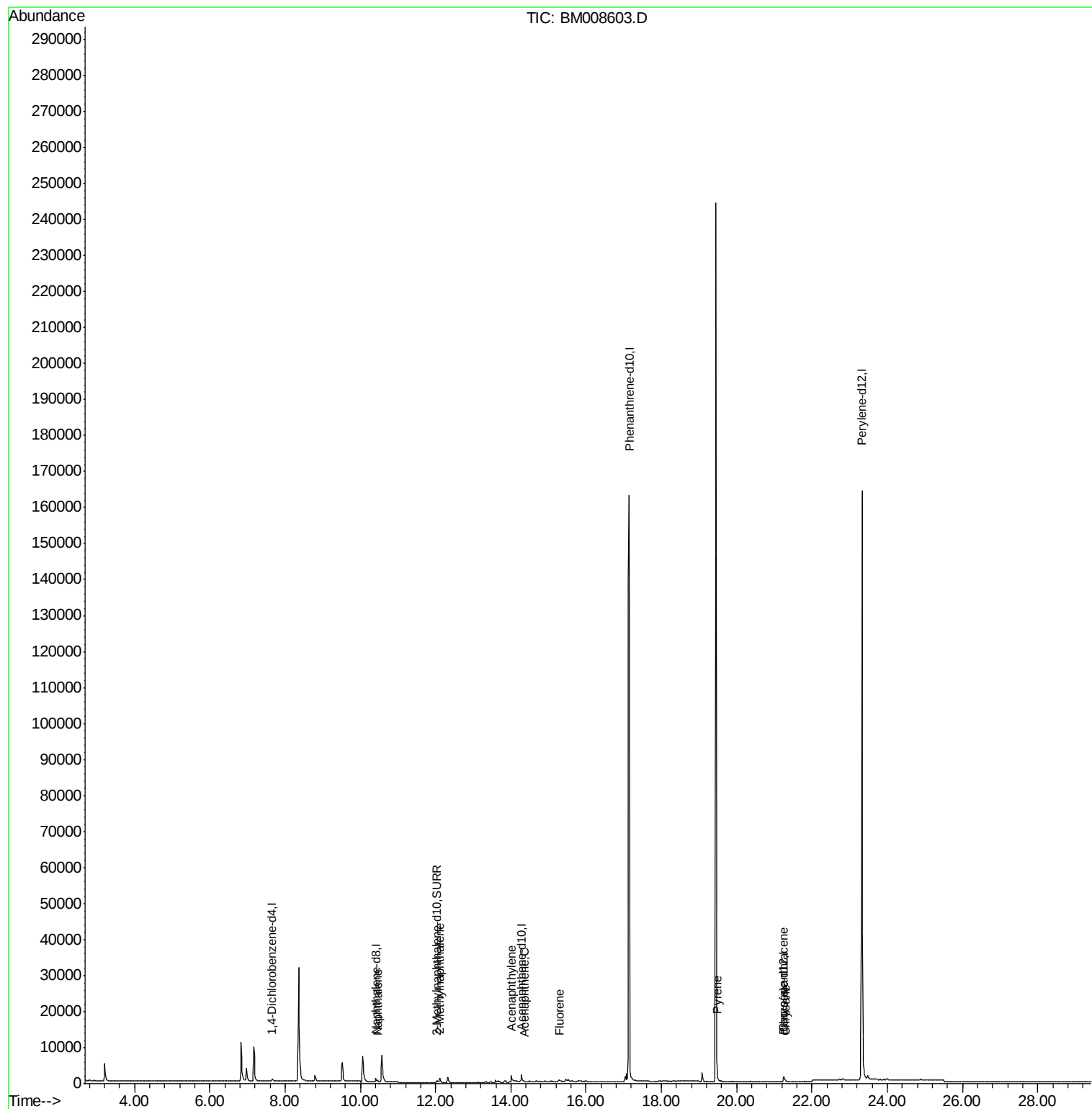
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	441	0.40	ng/ul	-0.09
2) Naphthalene-d8	10.42	136	1502	0.40	ng/ul	-0.08
6) Acenaphthene-d10	14.28	164	1005	0.40	ng/ul	-0.03
10) Phenanthrene-d10	17.14	188	279646	0.40	ng/ul	0.05
16) Chrysene-d12	21.25	240	1573	0.40	ng/ul	-0.02
20) Perylene-d12	23.33	264	197214	0.40	ng/ul	-0.18
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.04	152	1062	0.46	ng/ul	-0.06
14) Fluoranthene-d10	19.08	212	2511	0.00	ng/ul	-0.02
Target Compounds						Qvalue
3) Naphthalene	10.46	128	876	0.21	ng/ul#	85
5) 2-Methylnaphthalene	12.11	142	1152	0.41	ng/ul	99
7) Acenaphthylene	14.01	152	91	0.02	ng/ul#	1
8) Acenaphthene	14.35	153	74	0.02	ng/ul#	74
9) Fluorene	15.29	166	589	0.15	ng/ul#	26
17) Pyrene	19.47	202	1295	0.21	ng/ul#	75
18) Benzo(a)anthracene	21.24	228	457	0.09	ng/ul#	59
19) Chrysene	21.29	228	529	0.09	ng/ul#	62

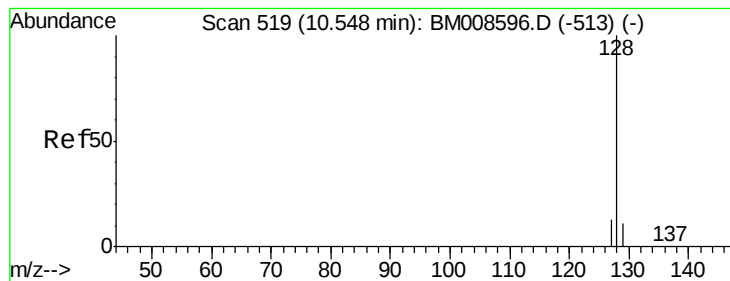
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.21 ng/ul

RT: 10.46 min Scan# 512

Delta R.T. -0.08 min

Lab File: BM008603.D

Acq: 23 Dec 2016 19:44

Instrument :

BNA_M

ClientSampleId :

DA7J0

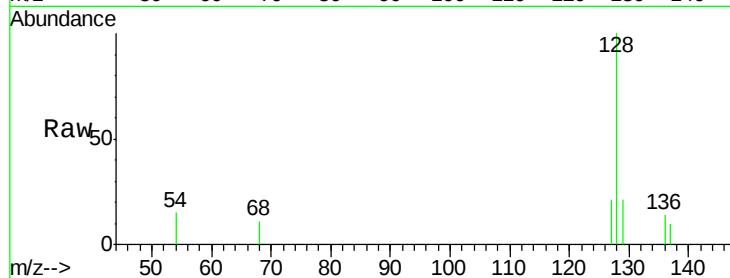
Tgt Ion:128 Resp: 876

Ion Ratio Lower Upper

128 100

129 21.4 11.3 16.9#

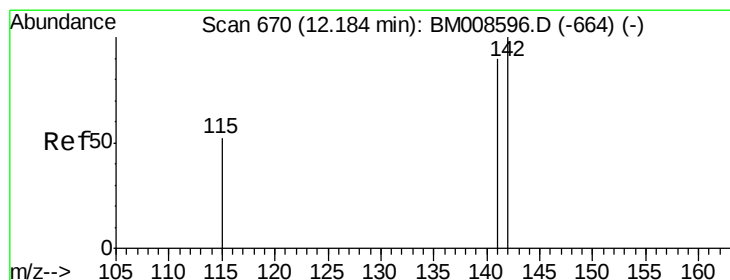
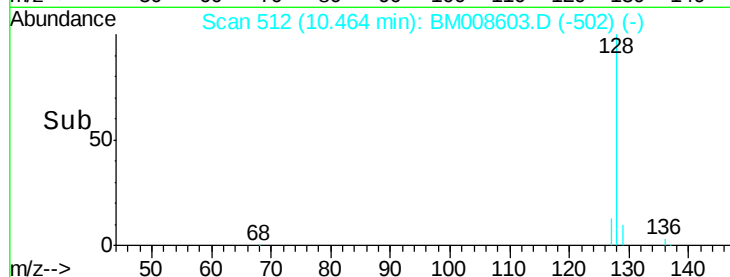
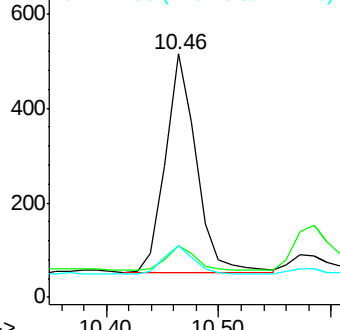
127 21.2 12.8 19.2#



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: 0.41 ng/ul

RT: 12.11 min Scan# 663

Delta R.T. -0.07 min

Lab File: BM008603.D

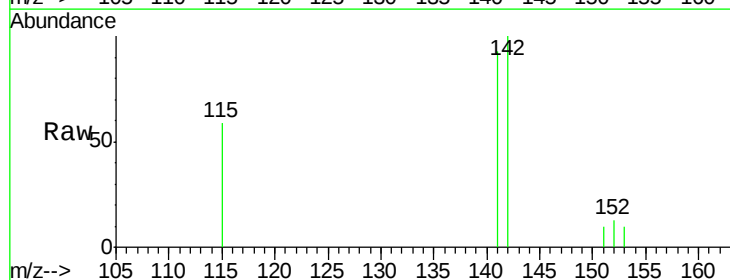
Acq: 23 Dec 2016 19:44

Tgt Ion:142 Resp: 1152

Ion Ratio Lower Upper

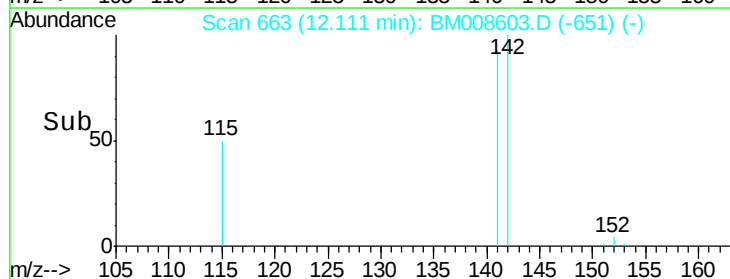
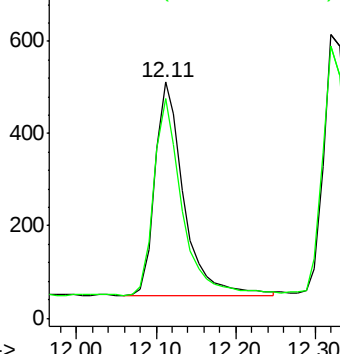
142 100

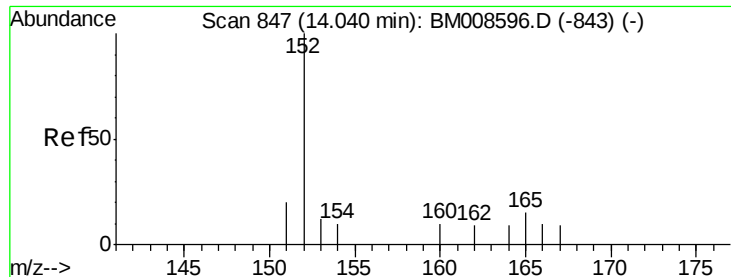
141 89.8 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.02 ng/ul

RT: 14.01 min Scan# 845

Delta R.T. -0.03 min

Lab File: BM008603.D

Acq: 23 Dec 2016 19:44

Instrument :

BNA_M

ClientSampleId :

DA7J0

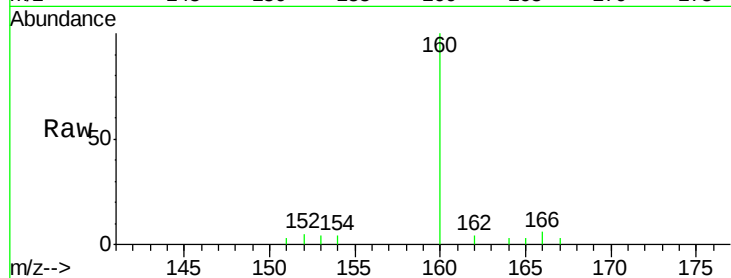
Tgt Ion:152 Resp: 91

Ion Ratio Lower Upper

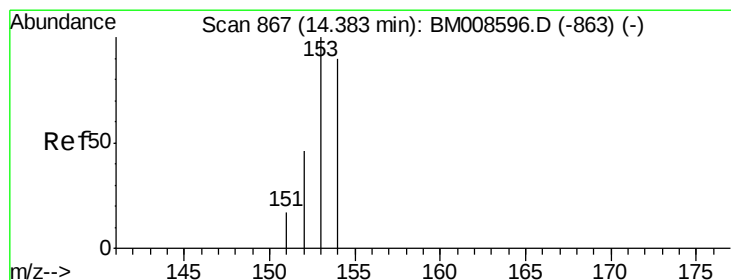
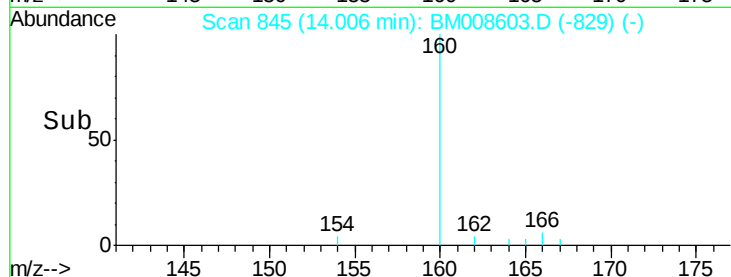
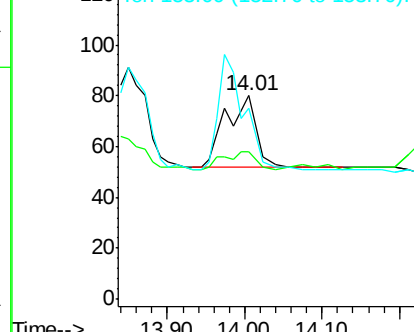
152 100

151 72.5 17.1 25.7#

153 93.8 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: 0.02 ng/ul

RT: 14.35 min Scan# 865

Delta R.T. -0.03 min

Lab File: BM008603.D

Acq: 23 Dec 2016 19:44

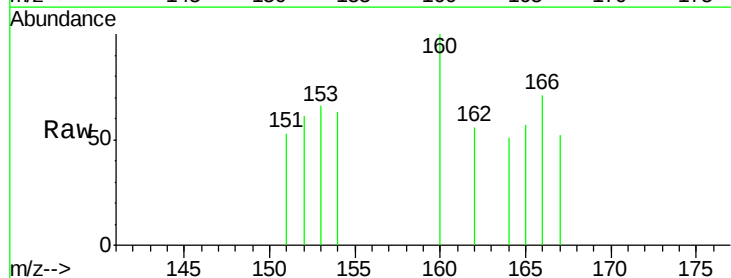
Tgt Ion:153 Resp: 74

Ion Ratio Lower Upper

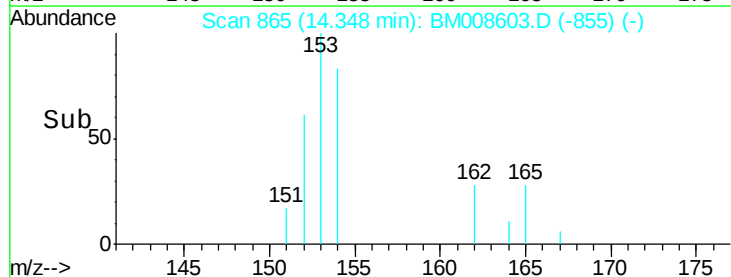
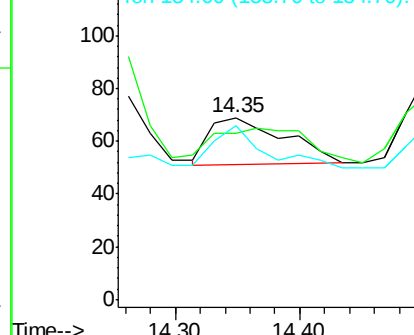
153 100

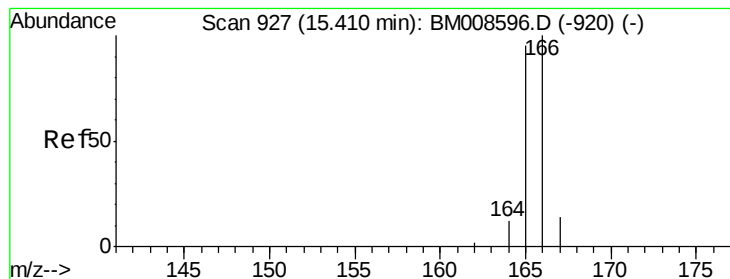
152 91.3 40.3 60.5#

154 95.7 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: 0.15 ng/ul

RT: 15.29 min Scan# 920

Delta R.T. -0.12 min

Lab File: BM008603.D

Acq: 23 Dec 2016 19:44

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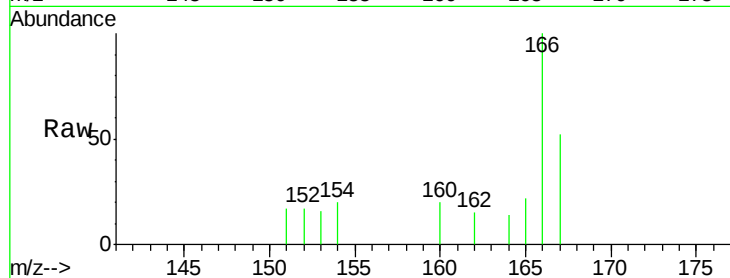
Tgt Ion:166 Resp: 589

Ion Ratio Lower Upper

166 100

165 21.8 73.4 110.2#

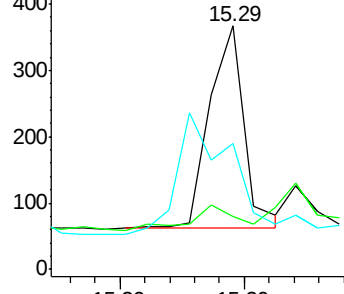
167 51.8 14.6 22.0#



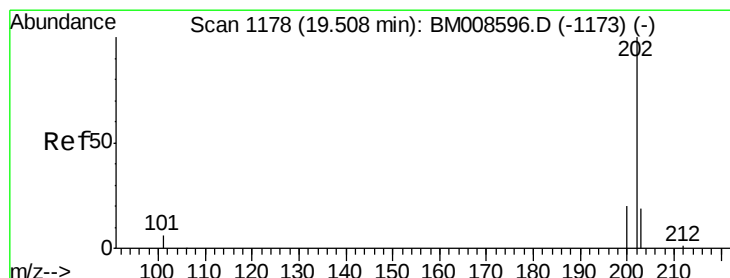
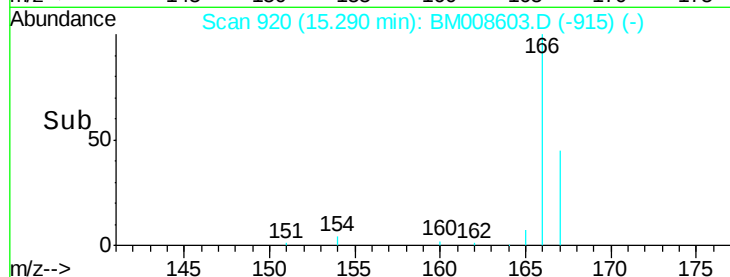
Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



Time-->



#17

Pyrene

Concen: 0.21 ng/ul

RT: 19.47 min Scan# 1175

Delta R.T. -0.04 min

Lab File: BM008603.D

Acq: 23 Dec 2016 19:44

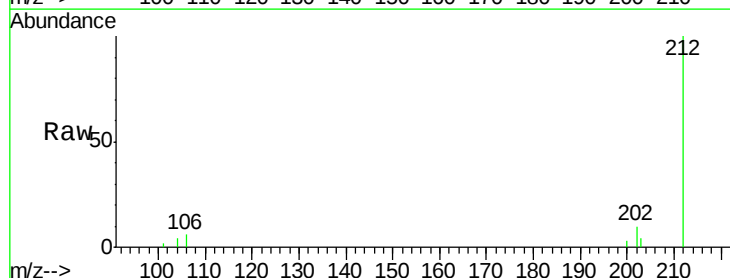
Tgt Ion:202 Resp: 1295

Ion Ratio Lower Upper

202 100

200 29.8 18.2 27.4#

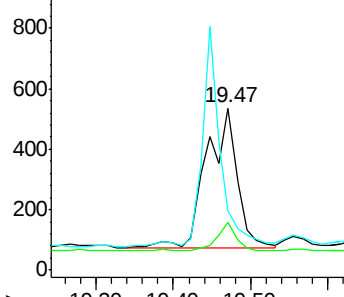
203 36.5 15.6 23.4#



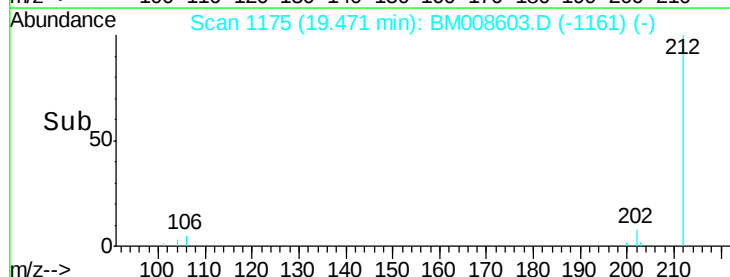
Abundance Ion 202.00 (201.70 to 202.70): E

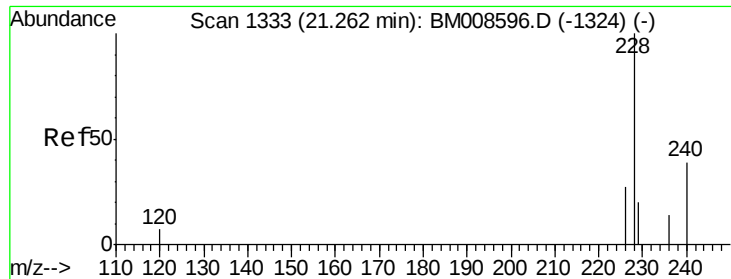
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->





#18

Benzo(a)anthracene

Concen: 0.09 ng/ul

RT: 21.24 min Scan# 1331

Delta R.T. -0.02 min

Lab File: BM008603.D

Acq: 23 Dec 2016 19:44

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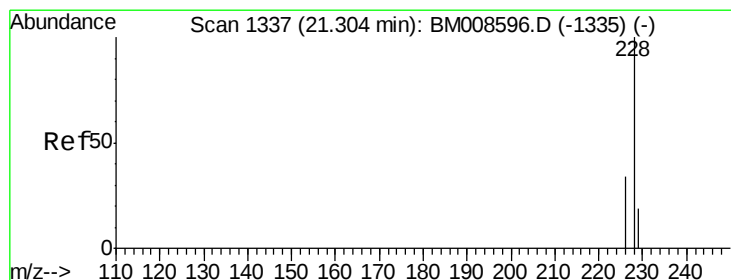
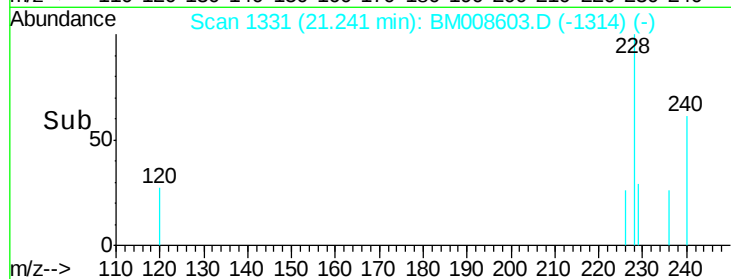
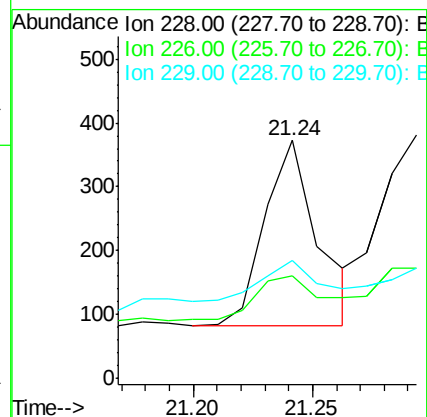
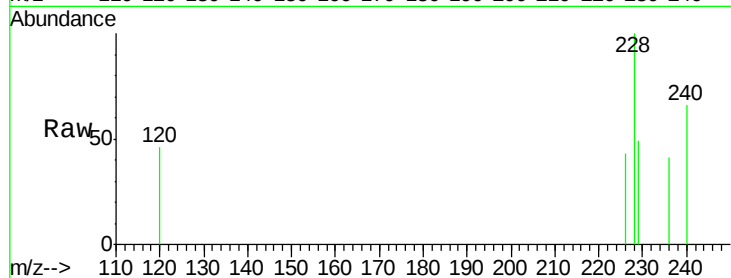
Tgt Ion:228 Resp: 457

Ion Ratio Lower Upper

228 100

226 43.2 22.8 34.2#

229 49.3 17.0 25.6#



#19

Chrysene

Concen: 0.09 ng/ul

RT: 21.29 min Scan# 1336

Delta R.T. -0.01 min

Lab File: BM008603.D

Acq: 23 Dec 2016 19:44

Tgt Ion:228 Resp: 529

Ion Ratio Lower Upper

228 100

226 45.2 23.4 35.0#

229 45.4 17.7 26.5#

