

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM112316\
 Data File : BM008063.D
 Acq On : 24 Nov 2016 08:32
 Operator : UM/SJ
 Sample : H5701-24
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4WG2

Quant Time: Nov 25 00:23:38 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 24 04:11:15 2016
 Response via : Initial Calibration

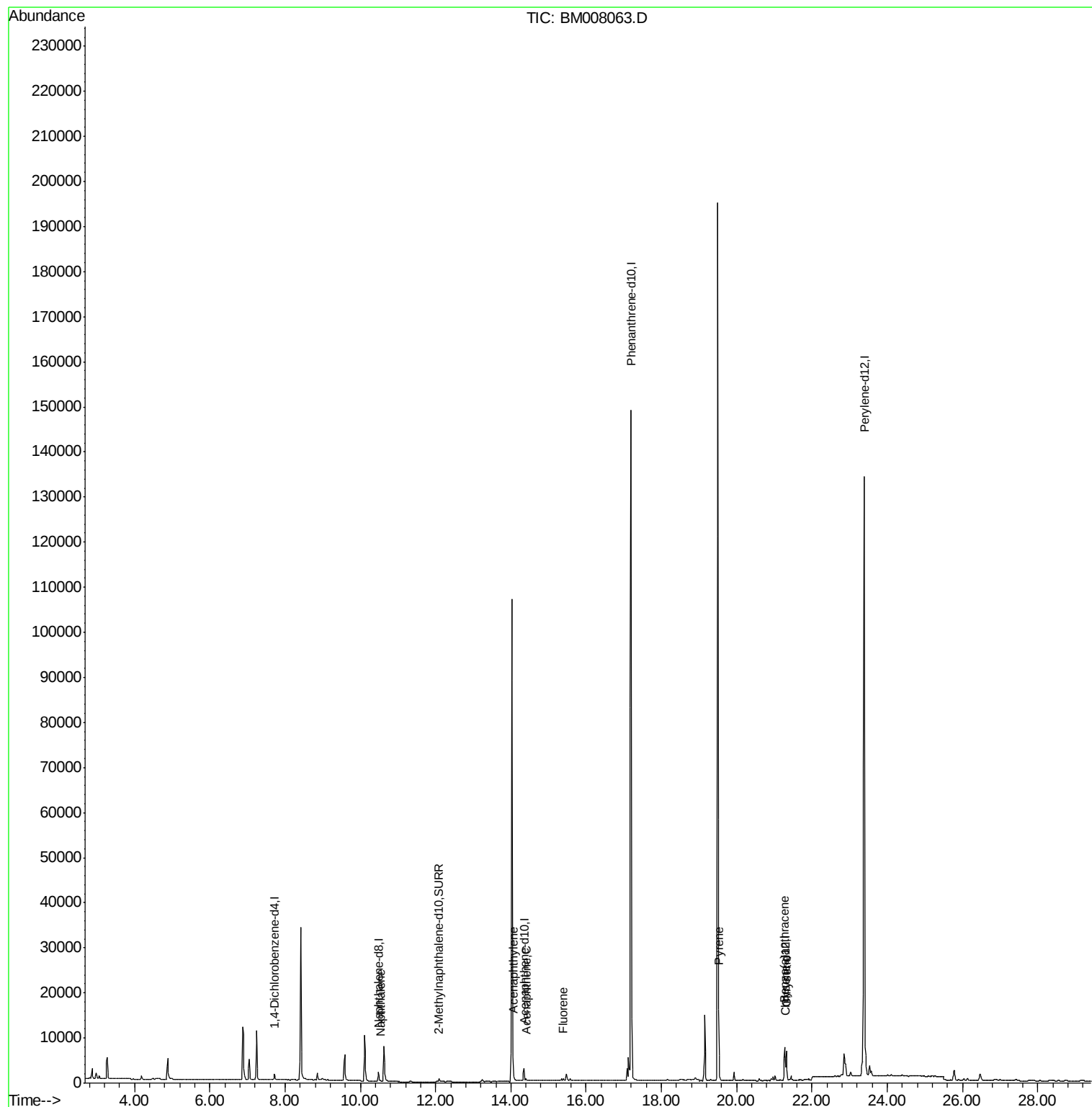
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	844	0.40	ng/ul	-0.03
2) Naphthalene-d8	10.49	136	2936	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.35	164	1810	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.19	188	213169	0.40	ng/ul	0.09
16) Chrysene-d12	21.29	240	3348	0.40	ng/ul	-0.01
20) Perylene-d12	23.39	264	178879	0.40	ng/ul	-0.16
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.09	152	1151	0.28	ng/ul	-0.03
14) Fluoranthene-d10	19.13	212	2631	0.00	ng/ul	-0.01
Target Compounds						
3) Naphthalene	10.54	128	237	0.03	ng/ul#	50
7) Acenaphthylene	14.06	152	649	0.08	ng/ul#	84
8) Acenaphthene	14.40	153	275	0.04	ng/ul#	94
9) Fluorene	15.39	166	448	0.06	ng/ul#	81
17) Pyrene	19.52	202	12455	1.07	ng/ul	98
18) Benzo(a)anthracene	21.27	228	6719	0.65	ng/ul	97
19) Chrysene	21.32	228	6638	0.52	ng/ul	97

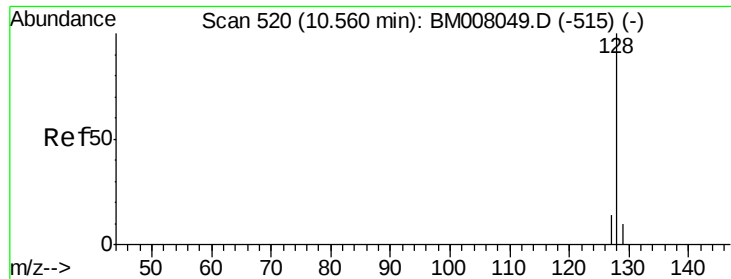
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.03 ng/ul

RT: 10.54 min Scan# 518

Delta R.T. -0.02 min

Lab File: BM008063.D

Acq: 24 Nov 2016 08:32

Instrument :

BNA_M

ClientSampleId :

A4WG2

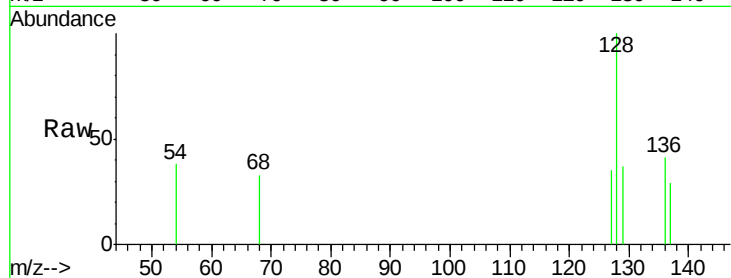
Tgt Ion:128 Resp: 237

Ion Ratio Lower Upper

128 100

129 37.0 11.3 16.9#

127 35.3 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

10.54

200

150

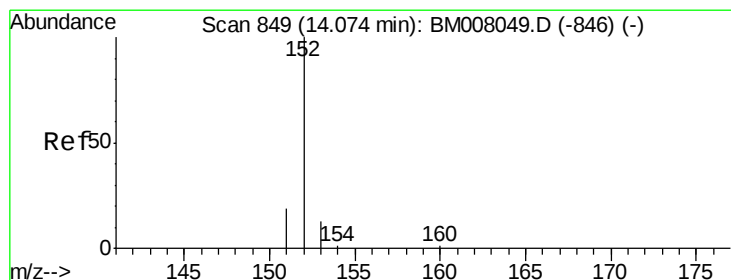
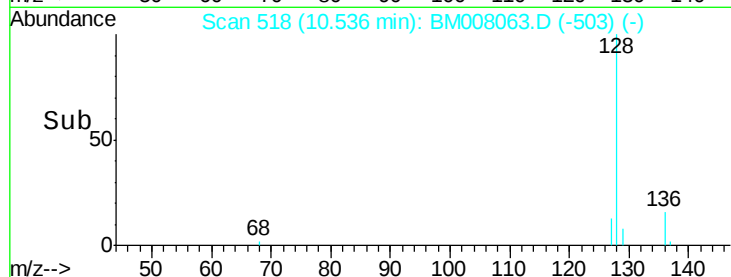
100

50

0

10.45 10.50 10.55 10.60

Time-->



#7

Acenaphthylene

Concen: 0.08 ng/ul

RT: 14.06 min Scan# 848

Delta R.T. -0.02 min

Lab File: BM008063.D

Acq: 24 Nov 2016 08:32

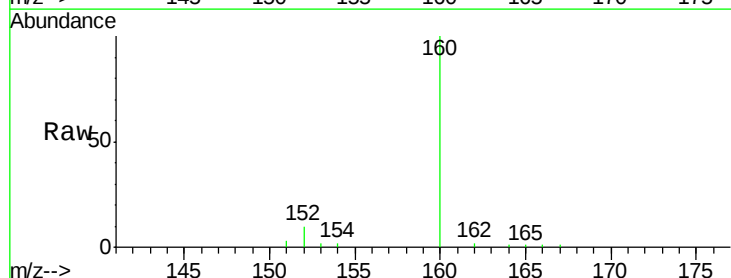
Tgt Ion:152 Resp: 649

Ion Ratio Lower Upper

152 100

151 28.7 17.1 25.7#

153 23.4 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

14.06

600

500

400

300

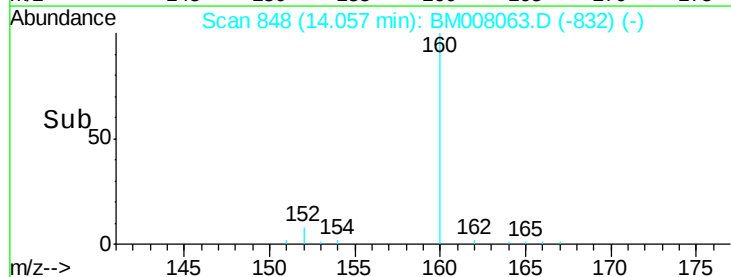
200

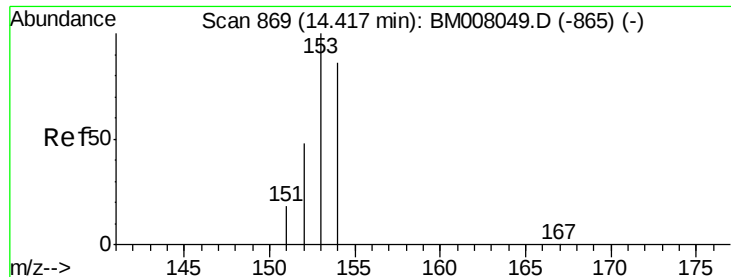
100

0

14.00 14.02 14.04 14.06 14.08 14.10

Time-->





#8

Acenaphthene

Concen: 0.04 ng/ul

RT: 14.40 min Scan# 868

Delta R.T. -0.02 min

Lab File: BM008063.D

Acq: 24 Nov 2016 08:32

Instrument :

BNA_M

ClientSampleId :

A4WG2

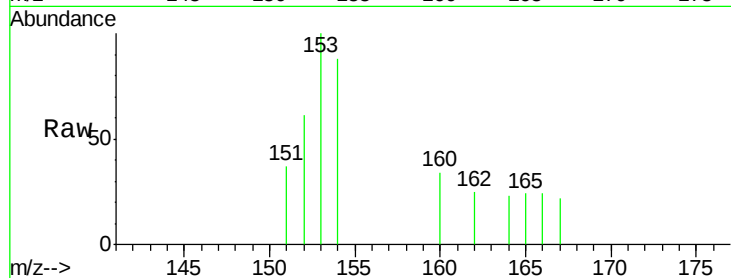
Tgt Ion:153 Resp: 275

Ion Ratio Lower Upper

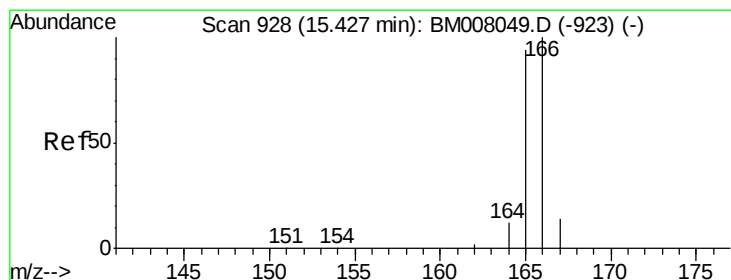
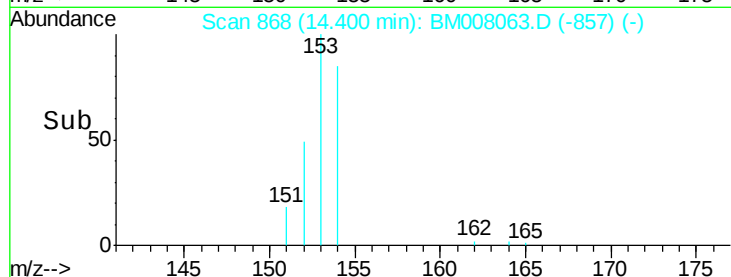
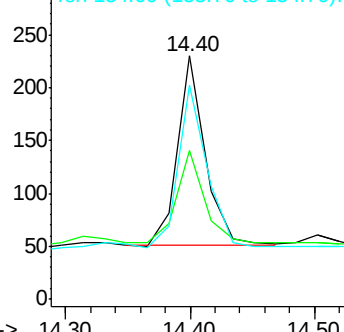
153 100

152 60.9 40.3 60.5#

154 87.8 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: 0.06 ng/ul

RT: 15.39 min Scan# 926

Delta R.T. -0.03 min

Lab File: BM008063.D

Acq: 24 Nov 2016 08:32

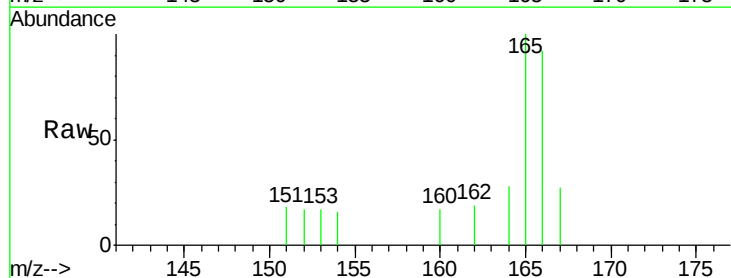
Tgt Ion:166 Resp: 448

Ion Ratio Lower Upper

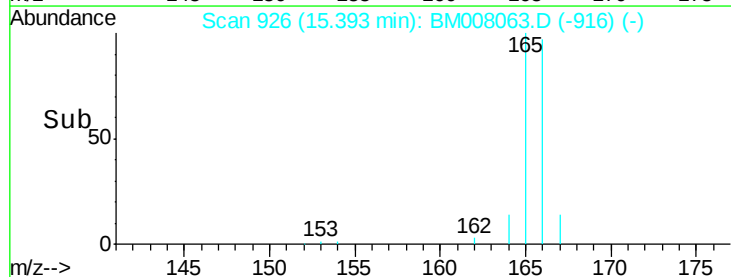
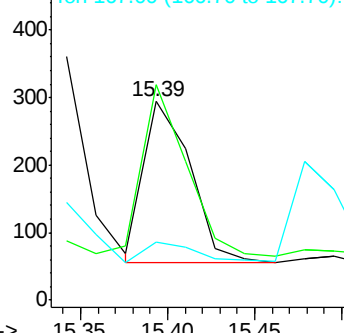
166 100

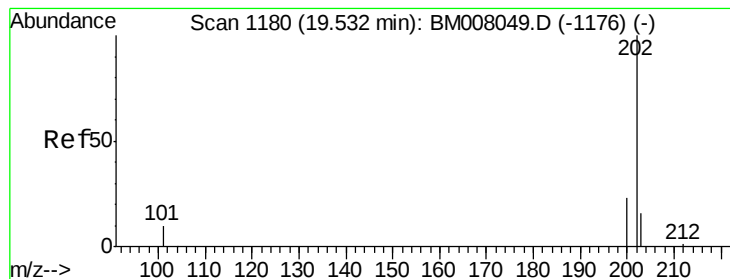
165 108.5 73.4 110.2

167 28.9 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





#17

Pyrene

Concen: 1.07 ng/ul

RT: 19.52 min Scan# 1179

Delta R.T. -0.01 min

Lab File: BM008063.D

Acq: 24 Nov 2016 08:32

Instrument :

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ClientSampleId :

A4WG2

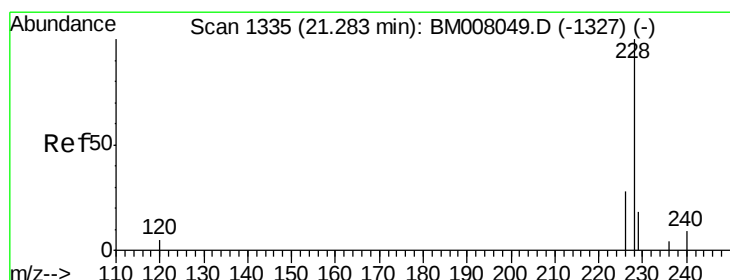
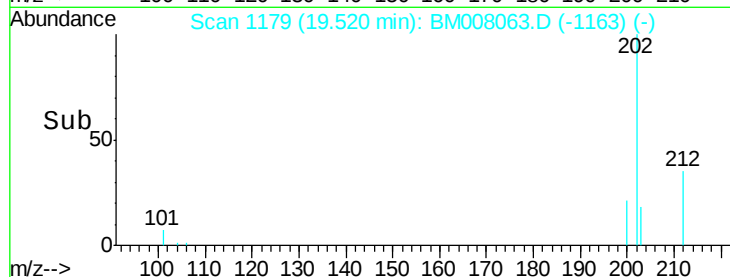
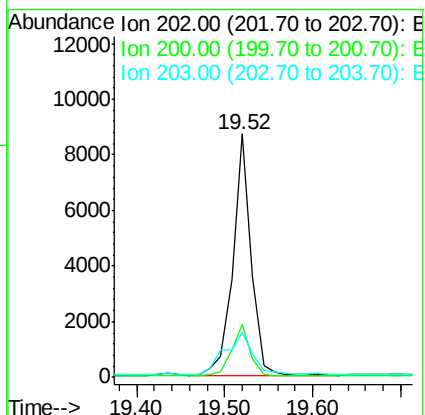
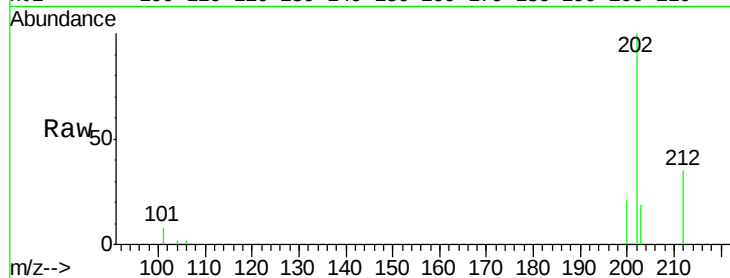
Tgt Ion:202 Resp: 12455

Ion Ratio Lower Upper

202 100

200 21.5 18.2 27.4

203 18.7 15.6 23.4



#18

Benzo(a)anthracene

Concen: 0.65 ng/ul

RT: 21.27 min Scan# 1334

Delta R.T. -0.01 min

Lab File: BM008063.D

Acq: 24 Nov 2016 08:32

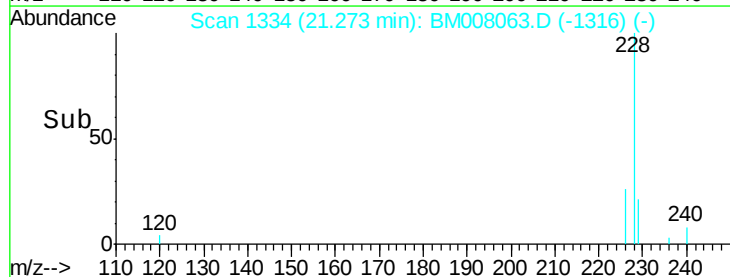
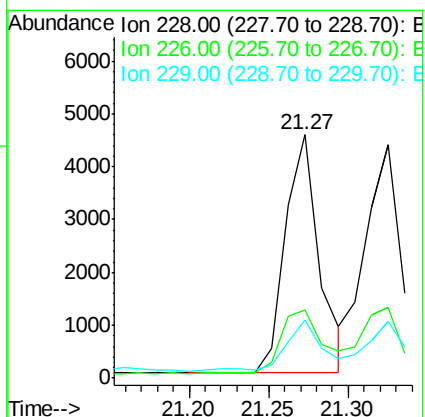
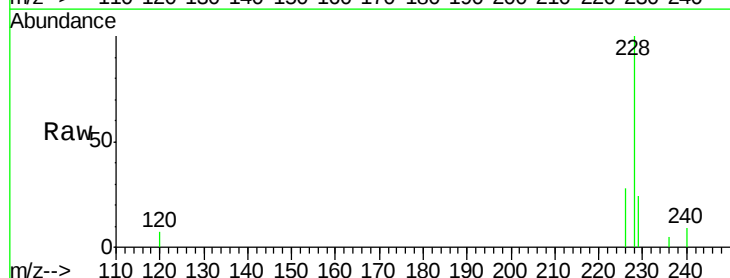
Tgt Ion:228 Resp: 6719

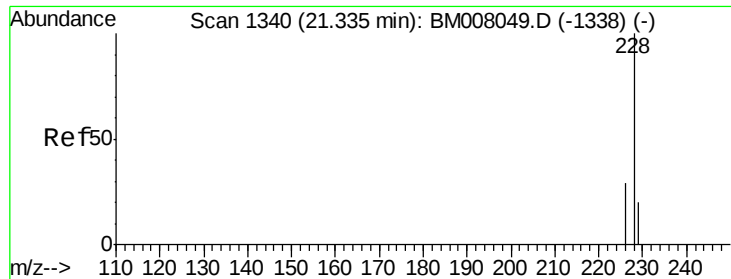
Ion Ratio Lower Upper

228 100

226 28.0 22.8 34.2

229 23.8 17.0 25.6





#19

Chrysene

Concen: 0.52 ng/ul

RT: 21.32 min Scan# 1339

Delta R.T. -0.01 min

Lab File: BM008063.D

Acq: 24 Nov 2016 08:32

Instrument :

BNA_M

ClientSampleId :

A4WG2

Tgt Ion: 228 Resp: 6638

Ion Ratio Lower Upper

228 100

226 30.2 23.4 35.0

229 24.3 17.7 26.5

