

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121916\
 Data File : BM008465.D
 Acq On : 20 Dec 2016 05:23
 Operator : UM/SJ
 Sample : H5938-09
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA829

Quant Time: Dec 20 07:00:58 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

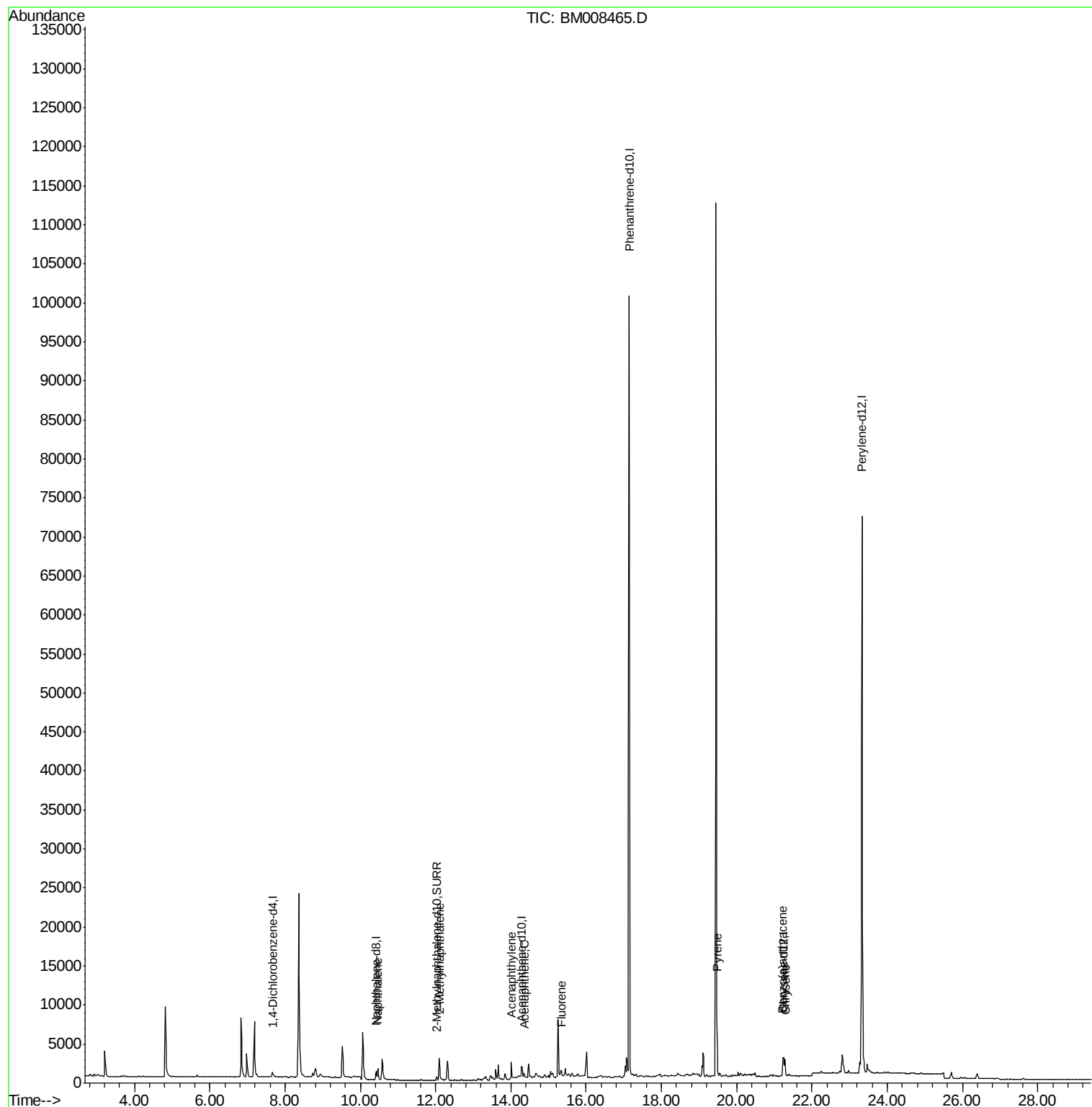
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	463	0.40	ng/ul	-0.06
2) Naphthalene-d8	10.43	136	1685	0.40	ng/ul	-0.06
6) Acenaphthene-d10	14.30	164	1082	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.14	188	129011	0.40	ng/ul	0.05
16) Chrysene-d12	21.25	240	1881	0.40	ng/ul	-0.02
20) Perylene-d12	23.33	264	83858	0.40	ng/ul	-0.18
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	718	0.28	ng/ul	-0.07
14) Fluoranthene-d10	19.18	212	184	0.00	ng/ul	0.07
Target Compounds						
3) Naphthalene	10.48	128	2213	0.47	ng/ul	99
5) 2-Methylnaphthalene	12.10	142	2356	0.74	ng/ul	99
7) Acenaphthylene	14.01	152	356	0.07	ng/ul#	48
8) Acenaphthene	14.35	153	213	0.06	ng/ul#	87
9) Fluorene	15.34	166	367	0.09	ng/ul#	57
17) Pyrene	19.47	202	3729	0.51	ng/ul	92
18) Benzo(a)anthracene	21.23	228	2091	0.34	ng/ul#	82
19) Chrysene	21.28	228	2209	0.33	ng/ul#	83

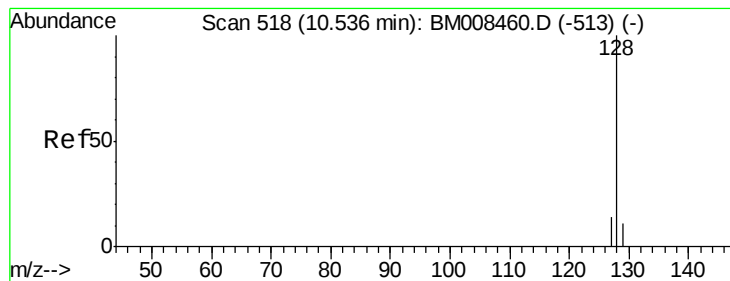
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.47 ng/ul

RT: 10.48 min Scan# 513

Delta R.T. -0.06 min

Lab File: BM008465.D

Acq: 20 Dec 2016 05:23

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DA829

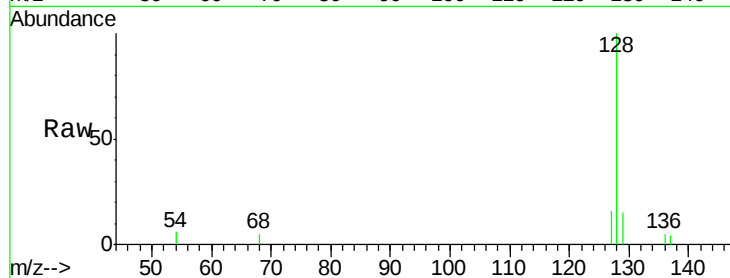
Tgt Ion:128 Resp: 2213

Ion Ratio Lower Upper

128 100

129 15.0 11.3 16.9

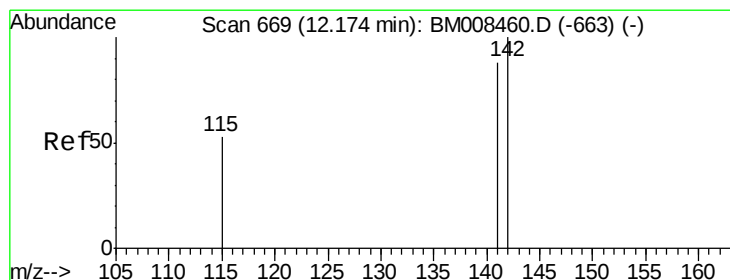
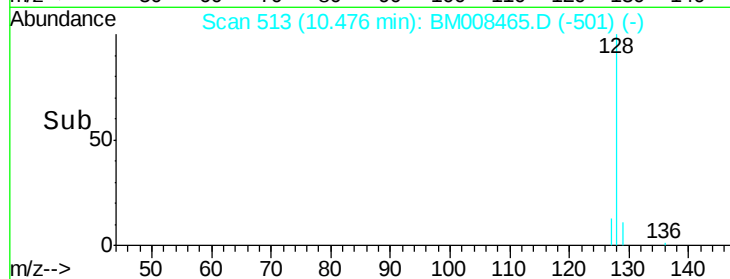
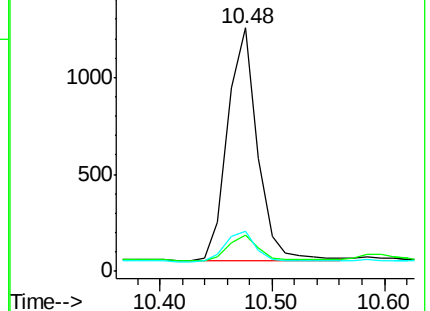
127 16.3 12.8 19.2



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: 0.74 ng/ul

RT: 12.10 min Scan# 662

Delta R.T. -0.07 min

Lab File: BM008465.D

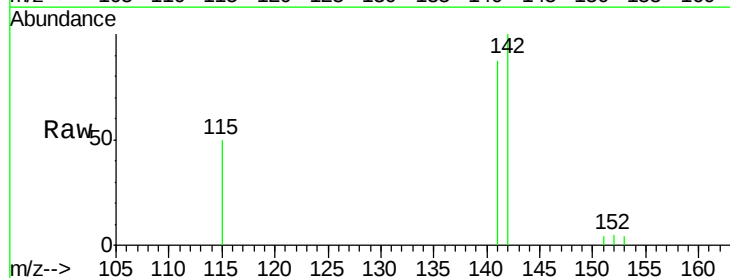
Acq: 20 Dec 2016 05:23

Tgt Ion:142 Resp: 2356

Ion Ratio Lower Upper

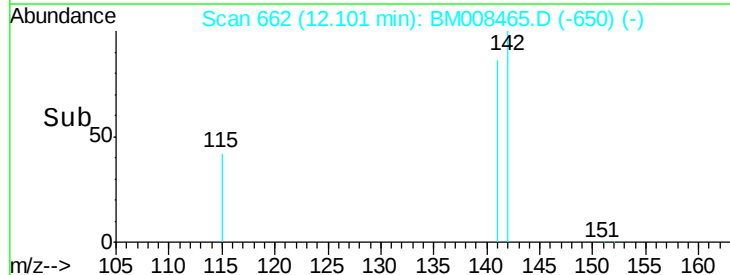
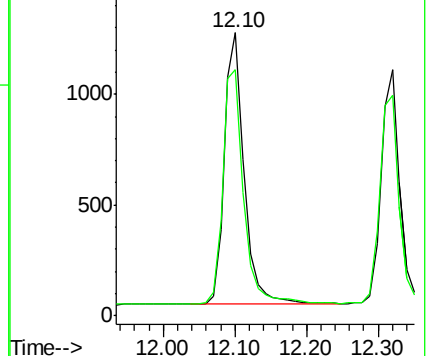
142 100

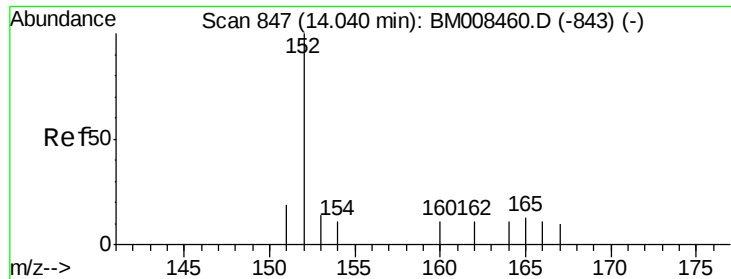
141 91.5 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.07 ng/ul

RT: 14.01 min Scan# 845

Delta R.T. -0.03 min

Lab File: BM008465.D

Acq: 20 Dec 2016 05:23

Instrument :

BNA_M

ClientSampleId :

DA829

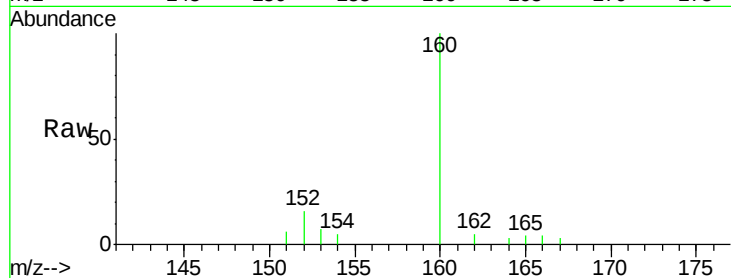
Tgt Ion:152 Resp: 356

Ion Ratio Lower Upper

152 100

151 38.4 17.1 25.7#

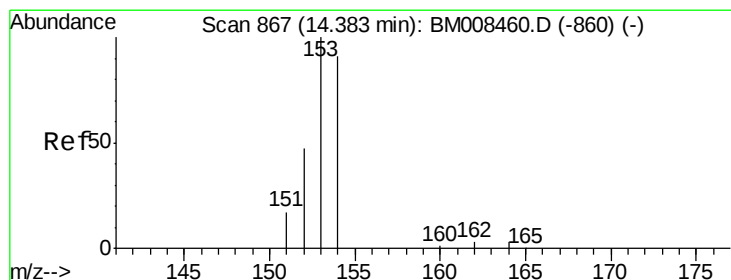
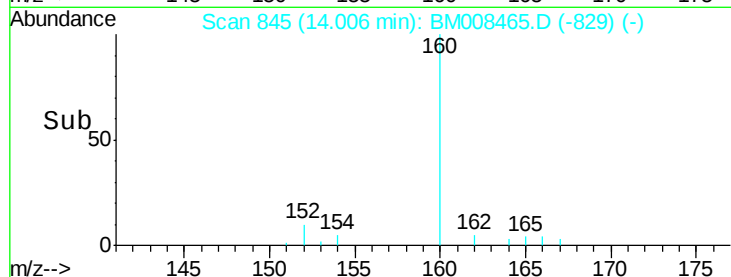
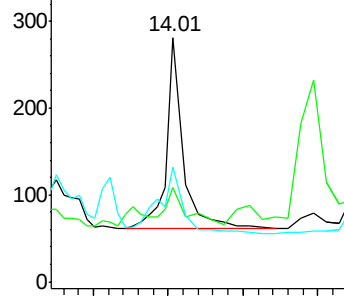
153 47.0 12.8 19.2#



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: 0.06 ng/ul

RT: 14.35 min Scan# 865

Delta R.T. -0.03 min

Lab File: BM008465.D

Acq: 20 Dec 2016 05:23

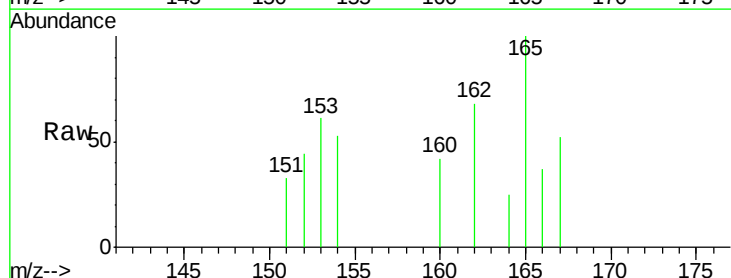
Tgt Ion:153 Resp: 213

Ion Ratio Lower Upper

153 100

152 72.8 40.3 60.5#

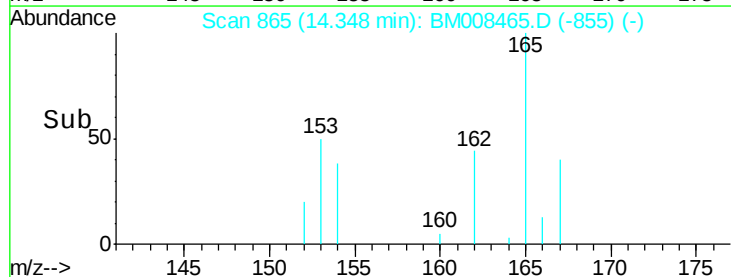
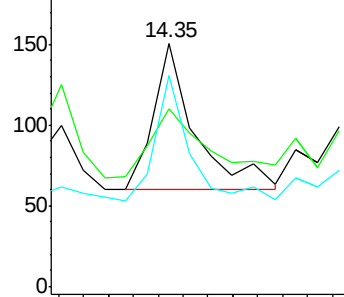
154 86.8 71.4 107.2

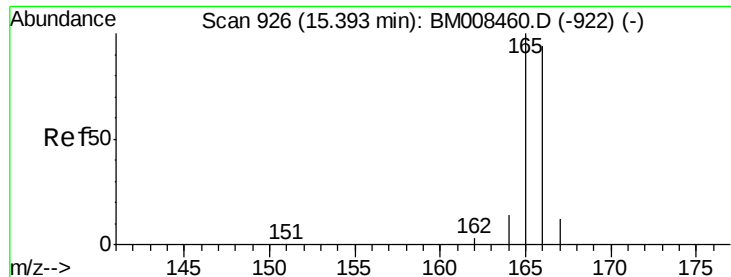


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.09 ng/ul

RT: 15.34 min Scan# 923

Delta R.T. -0.05 min

Lab File: BM008465.D

Acq: 20 Dec 2016 05:23

Instrument :

BNA_M

ClientSampleId :

DA829

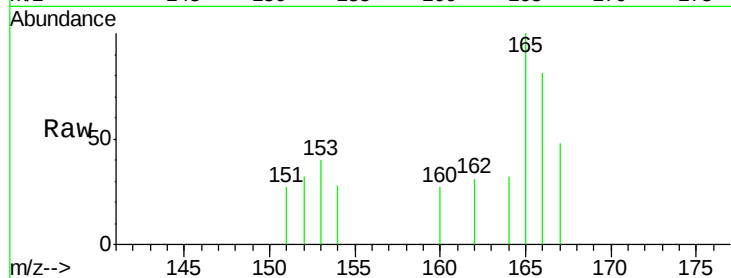
Tgt Ion:166 Resp: 367

Ion Ratio Lower Upper

166 100

165 123.7 73.4 110.2#

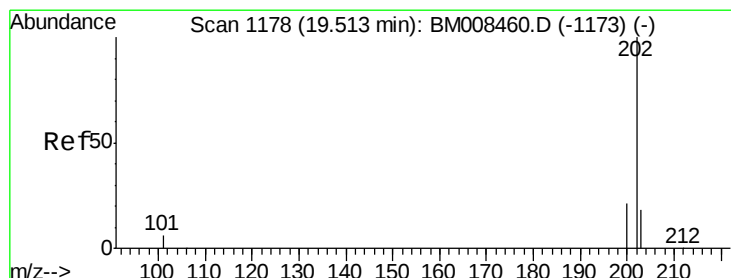
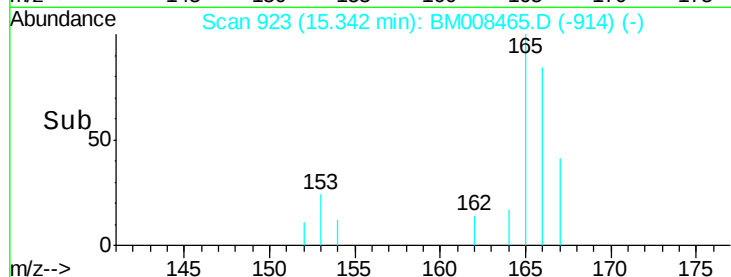
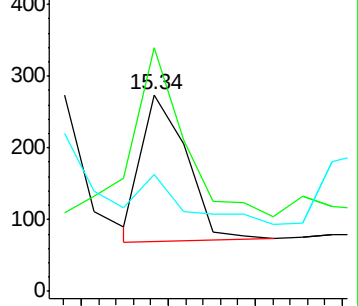
167 59.5 14.6 22.0#



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: 0.51 ng/ul

RT: 19.47 min Scan# 1175

Delta R.T. -0.04 min

Lab File: BM008465.D

Acq: 20 Dec 2016 05:23

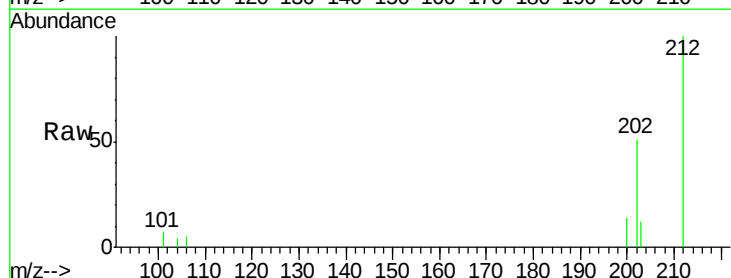
Tgt Ion:202 Resp: 3729

Ion Ratio Lower Upper

202 100

200 26.4 18.2 27.4

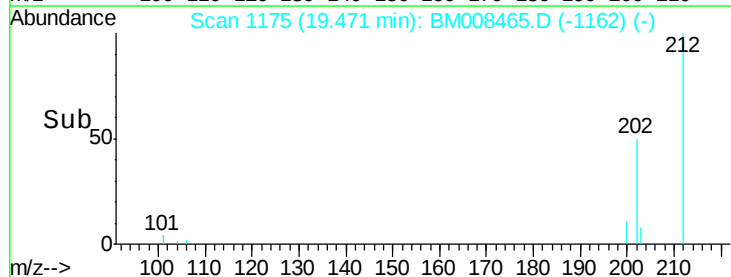
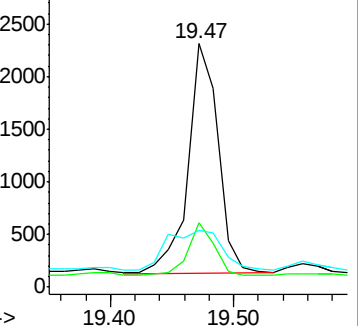
203 23.2 15.6 23.4

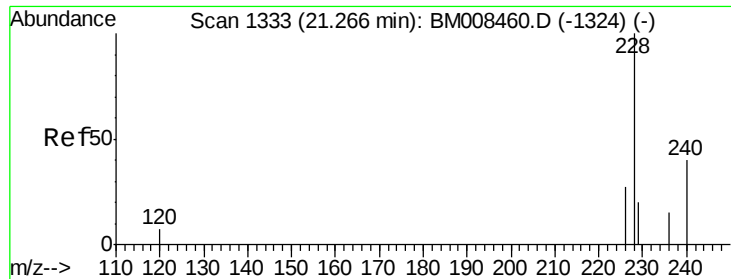


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#18

Benzo(a)anthracene

Concen: 0.34 ng/ul

RT: 21.23 min Scan# 1330

Delta R.T. -0.03 min

Lab File: BM008465.D

Acq: 20 Dec 2016 05:23

Instrument :

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ClientSampleId :

DA829

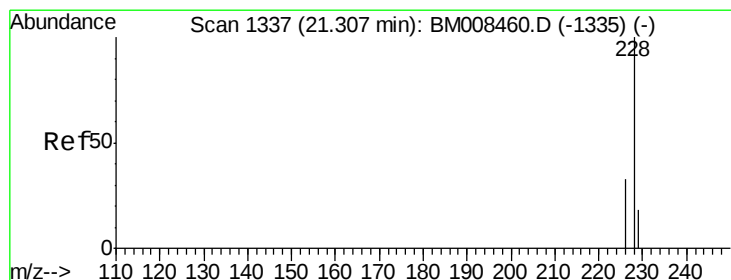
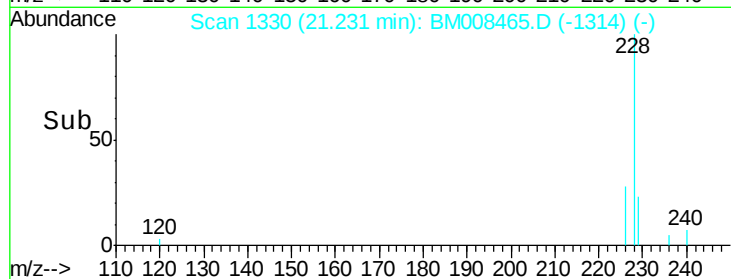
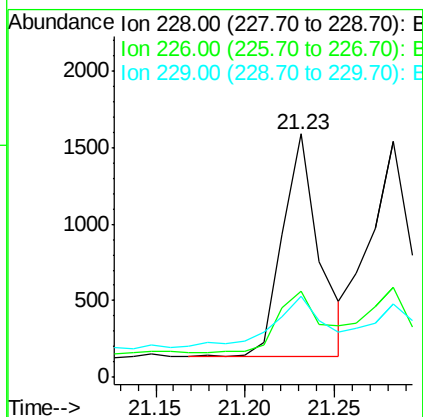
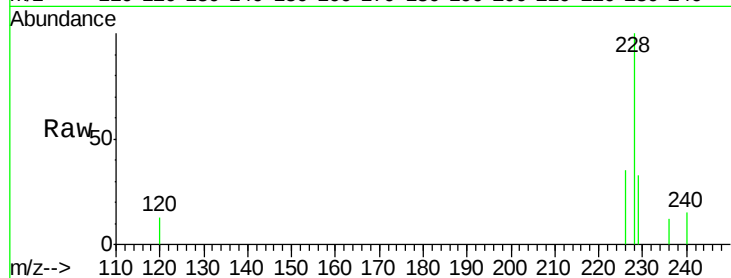
Tgt Ion:228 Resp: 2091

Ion Ratio Lower Upper

228 100

226 35.4 22.8 34.2#

229 33.2 17.0 25.6#



#19

Chrysene

Concen: 0.33 ng/ul

RT: 21.28 min Scan# 1335

Delta R.T. -0.02 min

Lab File: BM008465.D

Acq: 20 Dec 2016 05:23

Tgt Ion:228 Resp: 2209

Ion Ratio Lower Upper

228 100

226 38.0 23.4 35.0#

229 31.0 17.7 26.5#

