

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122316\
 Data File : BM008608.D
 Acq On : 23 Dec 2016 22:42
 Operator : UM/SJ
 Sample : H6069-12
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA7J8

Quant Time: Dec 23 23:43:15 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	449	0.40	ng/ul	-0.09
2) Naphthalene-d8	10.42	136	1525	0.40	ng/ul	-0.08
6) Acenaphthene-d10	14.28	164	963	0.40	ng/ul	-0.03
10) Phenanthrene-d10	17.14	188	184977	0.40	ng/ul	0.05
16) Chrysene-d12	21.26	240	1645	0.40	ng/ul	-0.02
20) Perylene-d12	23.33	264	135024	0.40	ng/ul	-0.17

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.05	152	982	0.42	ng/ul	-0.05
14) Fluoranthene-d10	19.09	212	2066	0.00	ng/ul	-0.02

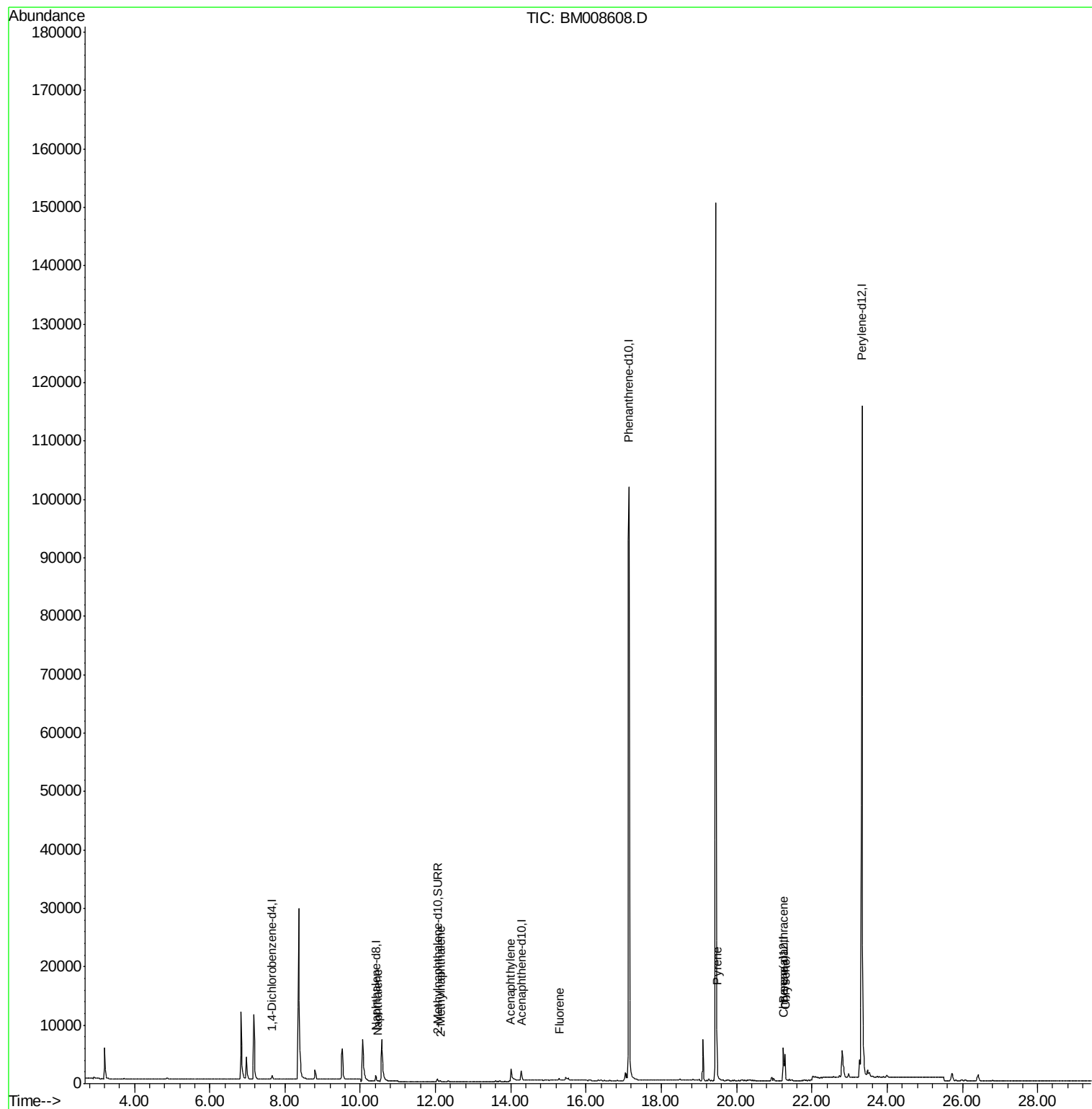
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.46	128	181	0.04	ng/ul#	33
5) 2-Methylnaphthalene	12.12	142	184	0.06	ng/ul	98
7) Acenaphthylene	14.01	152	311	0.07	ng/ul#	59
9) Fluorene	15.29	166	416	0.11	ng/ul#	31
17) Pyrene	19.48	202	7224	1.14	ng/ul	97
18) Benzo(a)anthracene	21.23	228	5389	1.00	ng/ul	98
19) Chrysene	21.29	228	5325	0.90	ng/ul	95

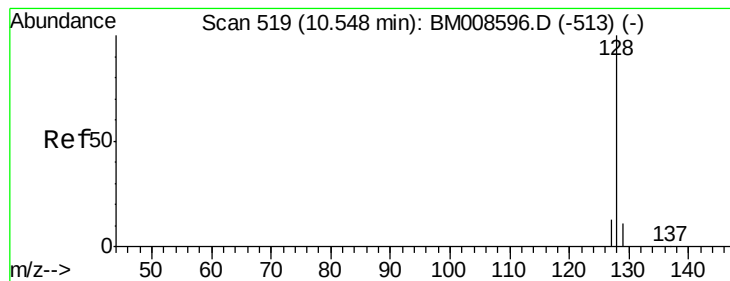
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.04 ng/ul

RT: 10.46 min Scan# 512

Delta R.T. -0.08 min

Lab File: BM008608.D

Acq: 23 Dec 2016 22:42

Instrument :

BNA_M

ClientSampleId :

DA7J8

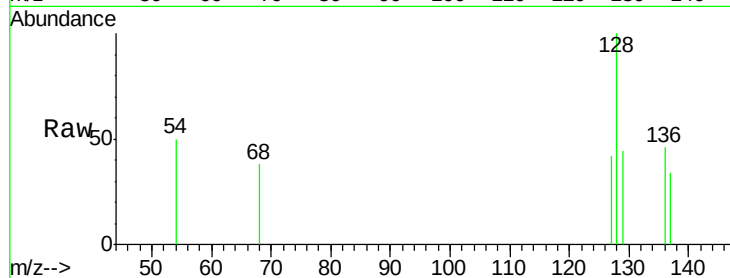
Tgt Ion:128 Resp: 181

Ion Ratio Lower Upper

128 100

129 44.4 11.3 16.9#

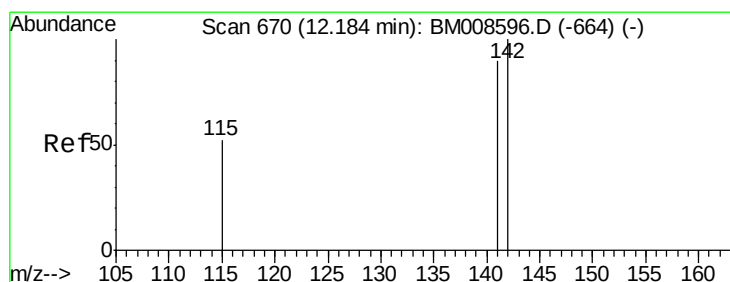
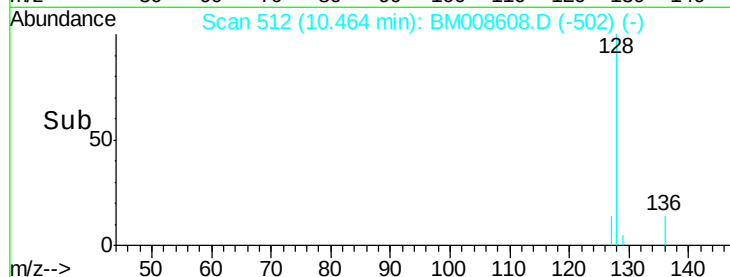
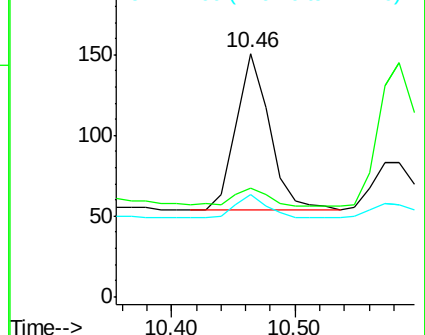
127 41.7 12.8 19.2#



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: 0.06 ng/ul

RT: 12.12 min Scan# 664

Delta R.T. -0.06 min

Lab File: BM008608.D

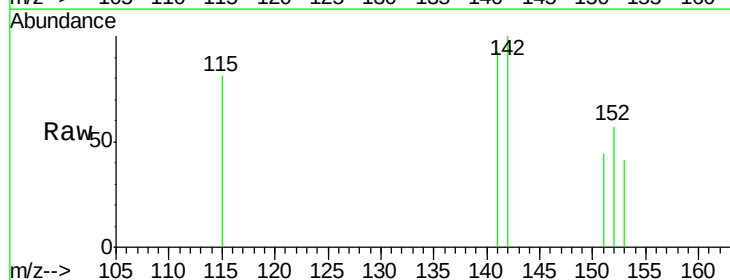
Acq: 23 Dec 2016 22:42

Tgt Ion:142 Resp: 184

Ion Ratio Lower Upper

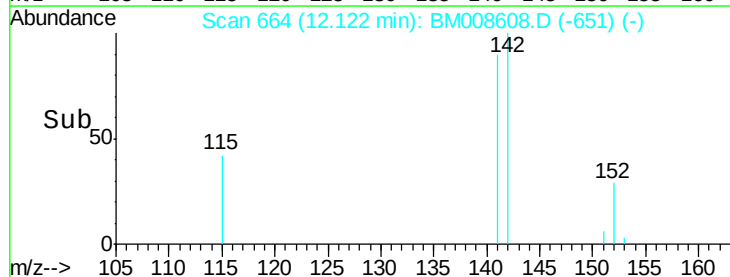
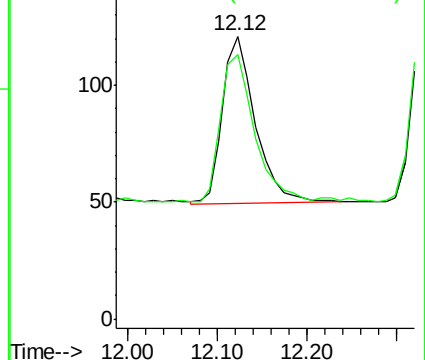
142 100

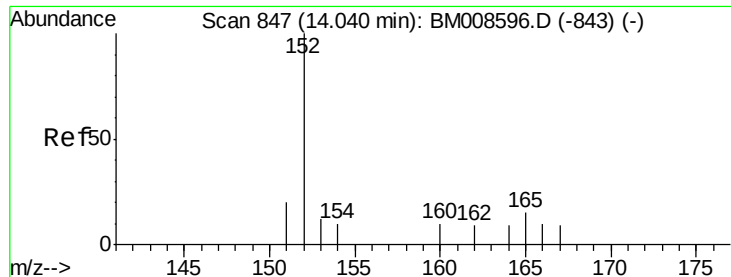
141 92.4 72.6 108.8



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: BM008608.D

Acq: 23 Dec 2016 22:42

Instrument :

BNA_M

ClientSampled :

DA7J8

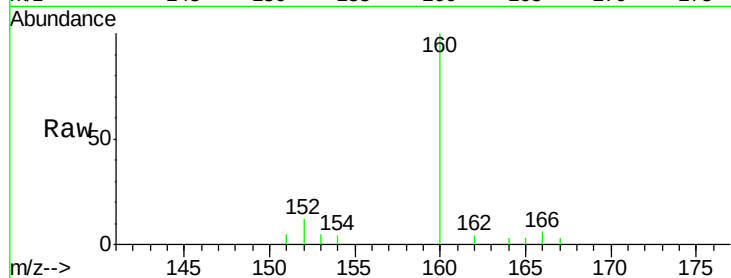
Tgt Ion:152 Resp: 311

Ion Ratio Lower Upper

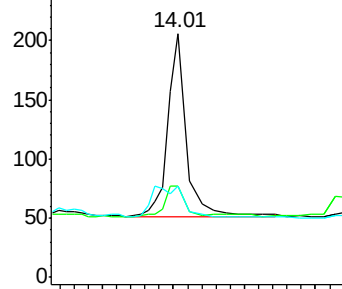
152 100

151 37.4 17.1 25.7#

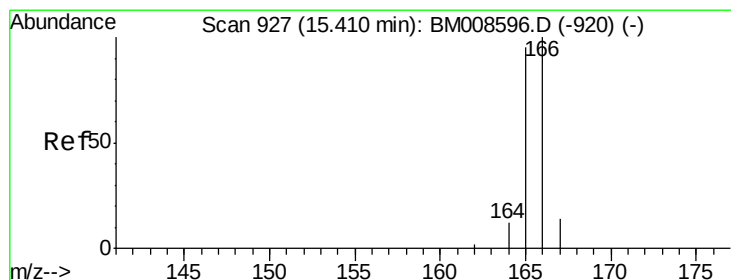
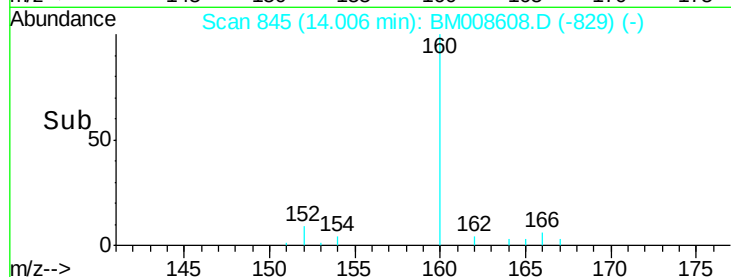
153 37.4 12.8 19.2#



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



Time-->



#9

Fluorene

Concen: 0.11 ng/ul

RT: 15.29 min Scan# 920

Delta R.T. -0.12 min

Lab File: BM008608.D

Acq: 23 Dec 2016 22:42

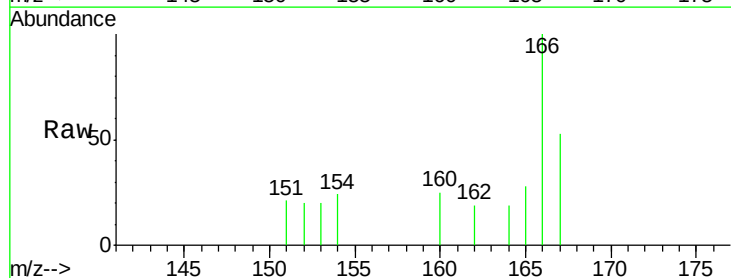
Tgt Ion:166 Resp: 416

Ion Ratio Lower Upper

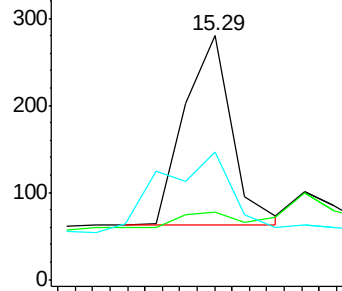
166 100

165 27.5 73.4 110.2#

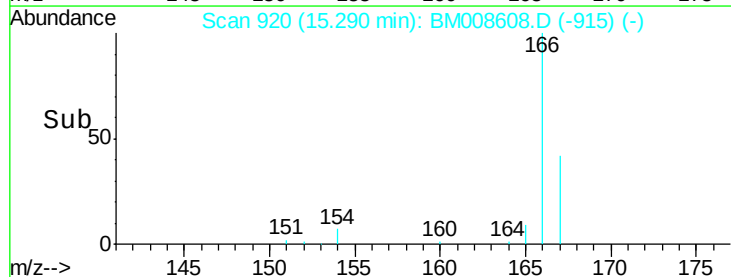
167 52.5 14.6 22.0#

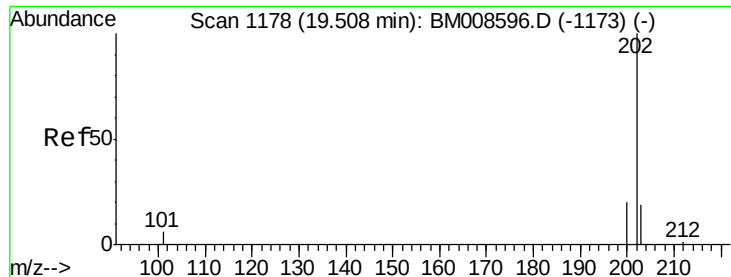


Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



Time-->

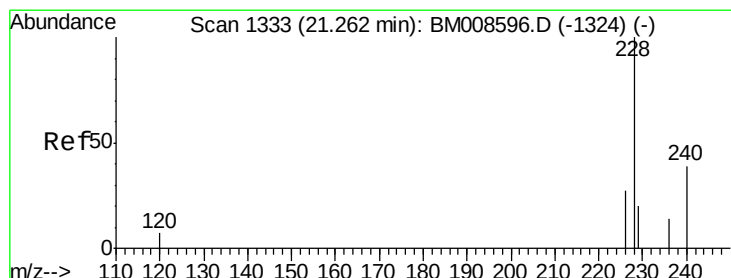
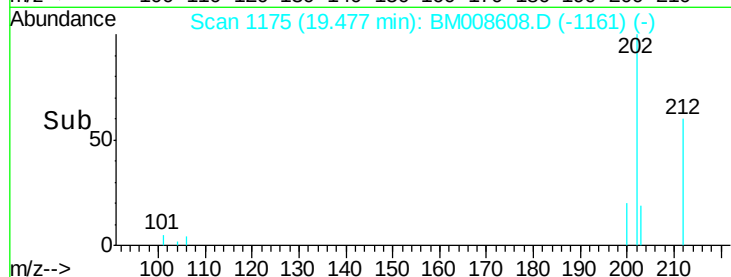
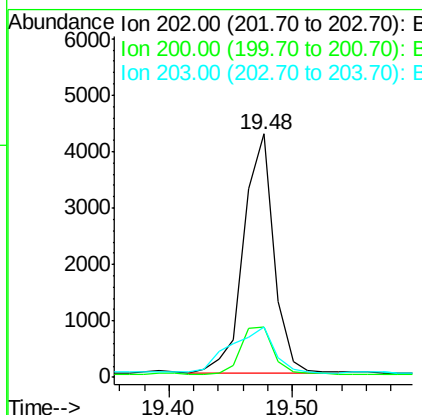
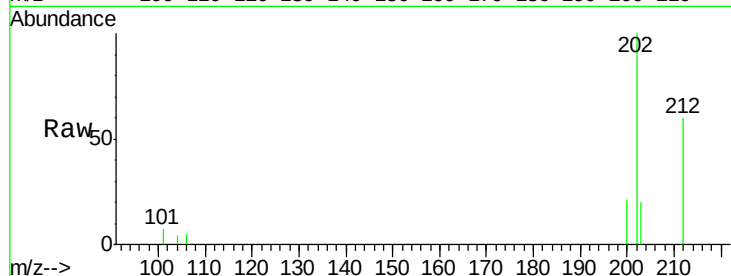




#17
 Pyrene
 Concen: 1.14 ng/ul
 RT: 19.48 min Scan# 1175
 Delta R.T. -0.03 min
 Lab File: BM008608.D
 Acq: 23 Dec 2016 22:42

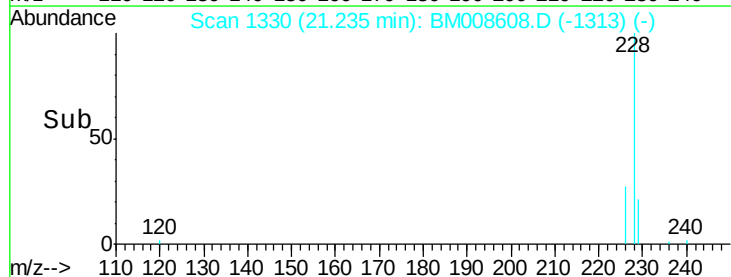
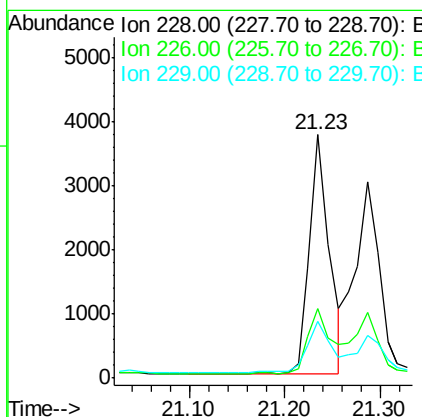
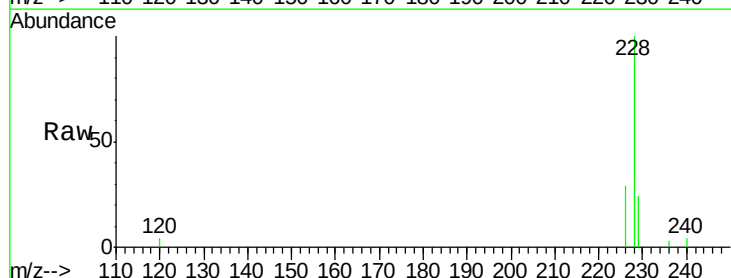
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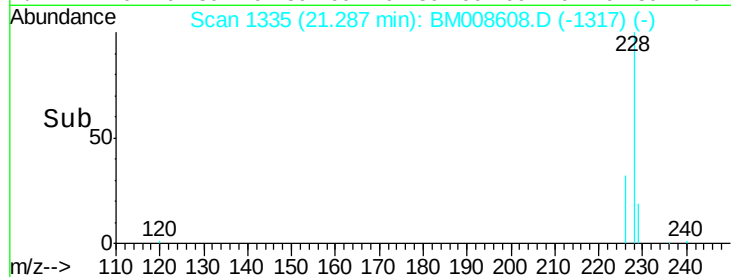
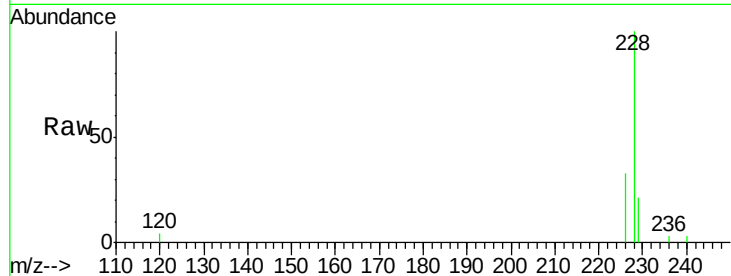
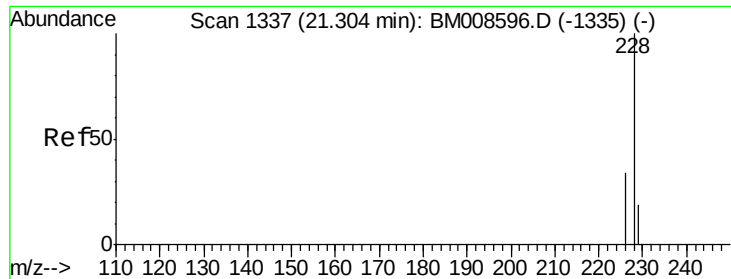
Tgt Ion: 202 Resp: 7224
 Ion Ratio Lower Upper
 202 100
 200 20.7 18.2 27.4
 203 20.5 15.6 23.4



#18
 Benzo(a)anthracene
 Concen: 1.00 ng/ul
 RT: 21.23 min Scan# 1330
 Delta R.T. -0.03 min
 Lab File: BM008608.D
 Acq: 23 Dec 2016 22:42

Tgt Ion: 228 Resp: 5389
 Ion Ratio Lower Upper
 228 100
 226 28.8 22.8 34.2
 229 23.5 17.0 25.6





#19

Chrysene

Concen: 0.90 ng/ul

RT: 21.29 min Scan# 1335

Delta R.T. -0.02 min

Lab File: BM008608.D

Acq: 23 Dec 2016 22:42

Instrument :

BNA_M

ClientSampleId :

DA7J8

Tgt Ion: 228 Resp: 5325

Ion Ratio Lower Upper

228 100

226 33.4 23.4 35.0

229 21.4 17.7 26.5

