

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122116\
 Data File : BM008520.D
 Acq On : 21 Dec 2016 16:58
 Operator : UM/SJ
 Sample : H6040-12
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA8W5

Quant Time: Dec 22 00:28:03 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 22 00:24:45 2016
 Response via : Initial Calibration

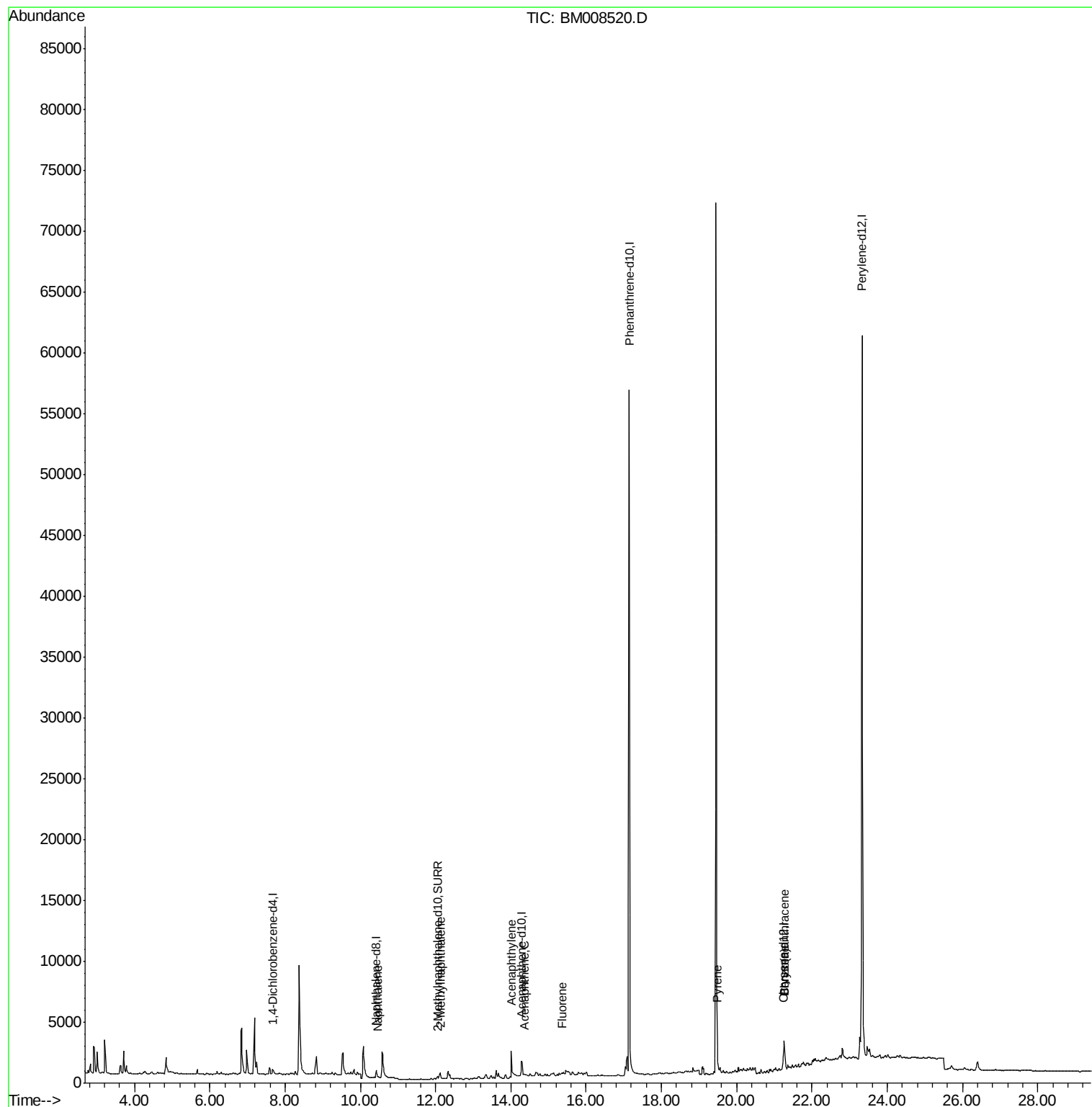
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	305	0.40	ng/ul	-0.08
2) Naphthalene-d8	10.43	136	951	0.40	ng/ul	-0.07
6) Acenaphthene-d10	14.30	164	632	0.40	ng/ul	-0.03
10) Phenanthrene-d10	17.14	188	74615	0.40	ng/ul	0.05
16) Chrysene-d12	21.25	240	1231	0.40	ng/ul	-0.03
20) Perylene-d12	23.33	264	79676	0.40	ng/ul	-0.19
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.05	152	383	0.26	ng/ul	-0.06
14) Fluoranthene-d10	19.18	212	78	0.00	ng/ul	0.06
Target Compounds						
3) Naphthalene	10.48	128	210	0.08	ng/ul#	29
5) 2-Methylnaphthalene	12.12	142	581	0.32	ng/ul	99
7) Acenaphthylene	14.01	152	132	0.05	ng/ul#	1
8) Acenaphthene	14.35	153	171	0.08	ng/ul#	80
9) Fluorene	15.36	166	175	0.07	ng/ul#	66
17) Pyrene	19.48	202	1705	0.36	ng/ul#	84
18) Benzo(a)anthracene	21.26	228	2951	0.73	ng/ul#	62
19) Chrysene	21.26	228	2960	0.67	ng/ul#	64

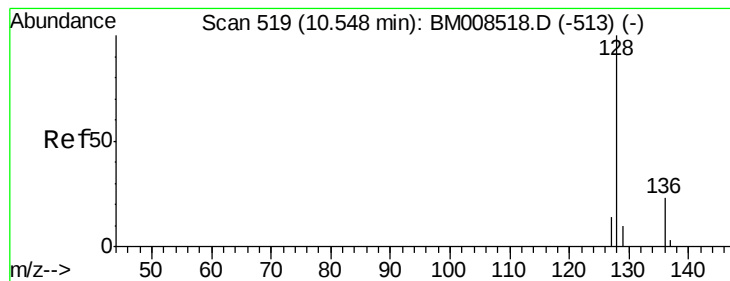
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.08 ng/ul

RT: 10.48 min Scan# 513

Delta R.T. -0.07 min

Lab File: BM008520.D

Acq: 21 Dec 2016 16:58

Instrument :

BNA_M

ClientSampleId :

DA8W5

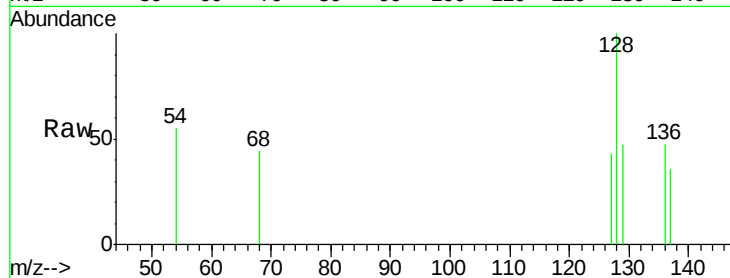
Tgt Ion:128 Resp: 210

Ion Ratio Lower Upper

128 100

129 46.6 11.3 16.9#

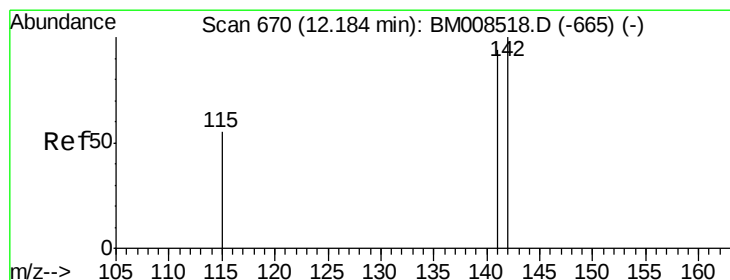
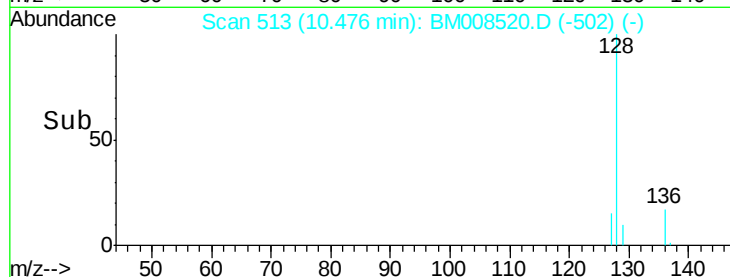
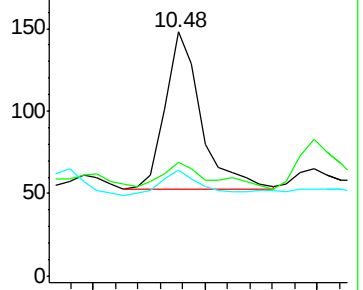
127 43.2 12.8 19.2#



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: 0.32 ng/ul

RT: 12.12 min Scan# 664

Delta R.T. -0.06 min

Lab File: BM008520.D

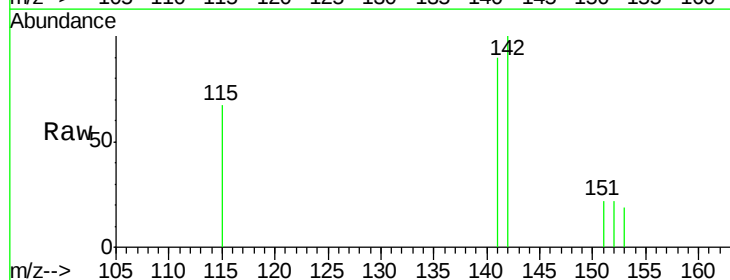
Acq: 21 Dec 2016 16:58

Tgt Ion:142 Resp: 581

Ion Ratio Lower Upper

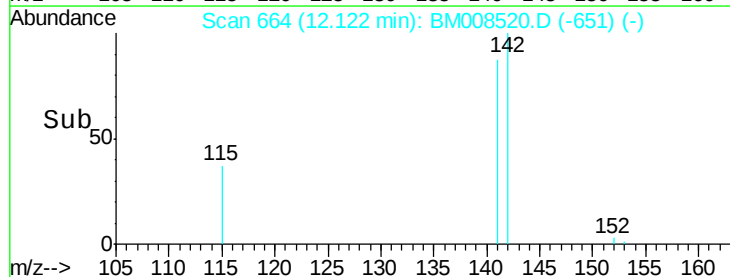
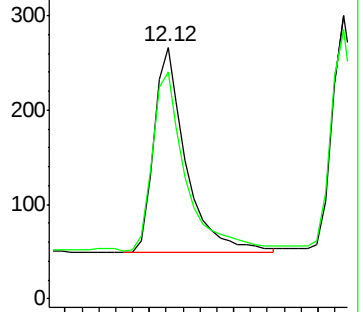
142 100

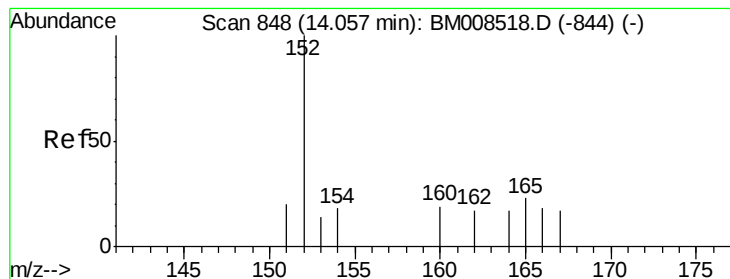
141 90.0 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.05 ng/ul

RT: 14.01 min Scan# 845

Delta R.T. -0.05 min

Lab File: BM008520.D

Acq: 21 Dec 2016 16:58

Instrument :

BNA_M

ClientSampleId :

DA8W5

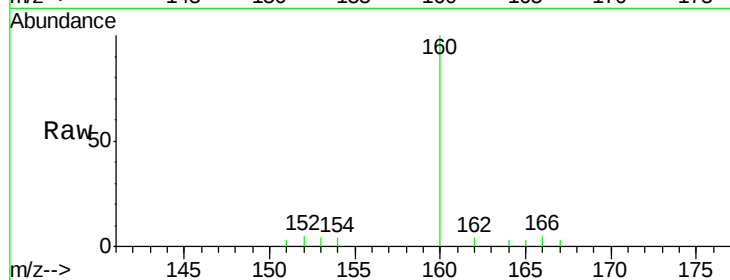
Tgt Ion:152 Resp: 132

Ion Ratio Lower Upper

152 100

151 65.1 17.1 25.7#

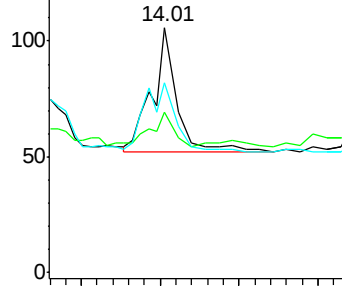
153 77.4 12.8 19.2#



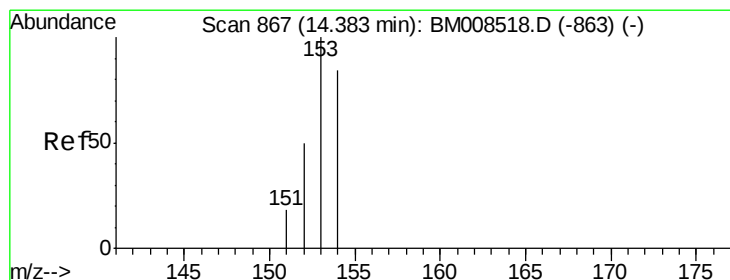
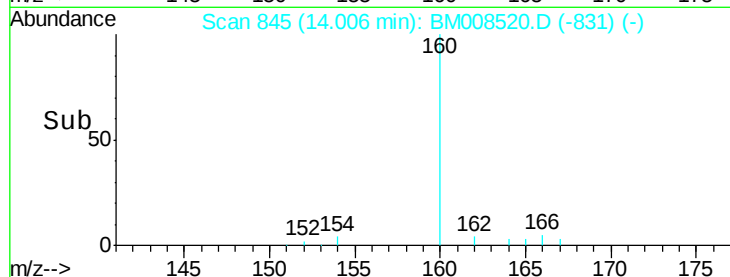
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



Time-->



#8

Acenaphthene

Concen: 0.08 ng/ul

RT: 14.35 min Scan# 865

Delta R.T. -0.03 min

Lab File: BM008520.D

Acq: 21 Dec 2016 16:58

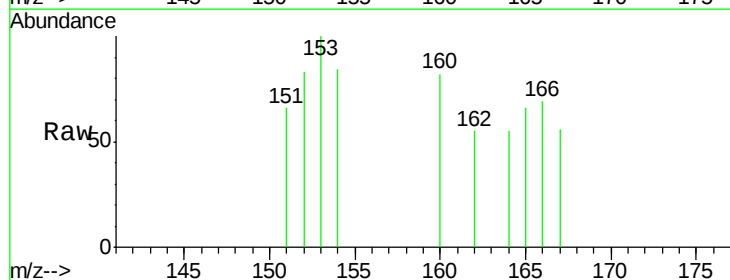
Tgt Ion:153 Resp: 171

Ion Ratio Lower Upper

153 100

152 82.5 40.3 60.5#

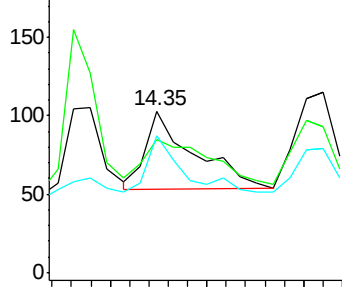
154 84.5 71.4 107.2



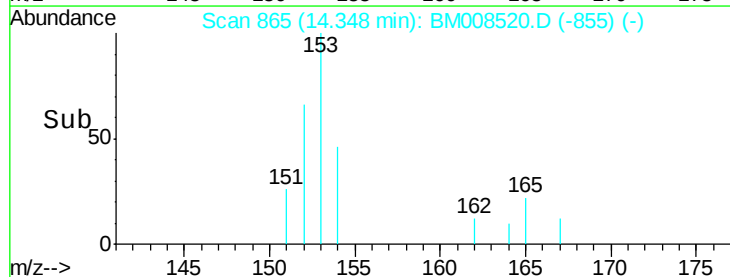
Abundance Ion 153.00 (152.70 to 153.70): E

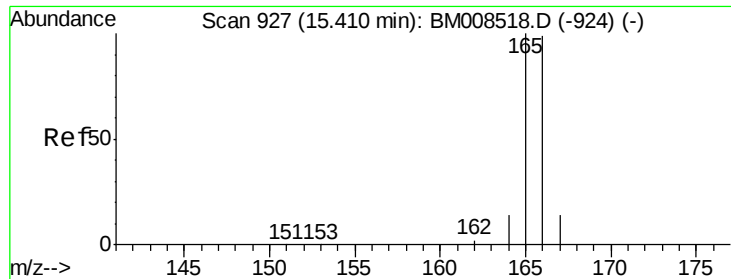
Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



Time-->





#9

Fluorene

Concen: 0.07 ng/ul

RT: 15.36 min Scan# 924

Delta R.T. -0.05 min

Lab File: BM008520.D

Acq: 21 Dec 2016 16:58

Instrument :

BNA_M

ClientSampleId :

DA8W5

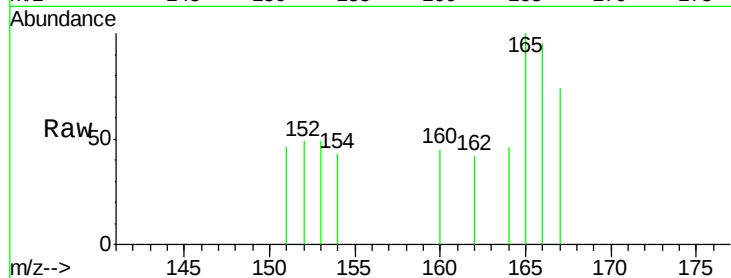
Tgt Ion:166 Resp: 175

Ion Ratio Lower Upper

166 100

165 105.4 73.4 110.2

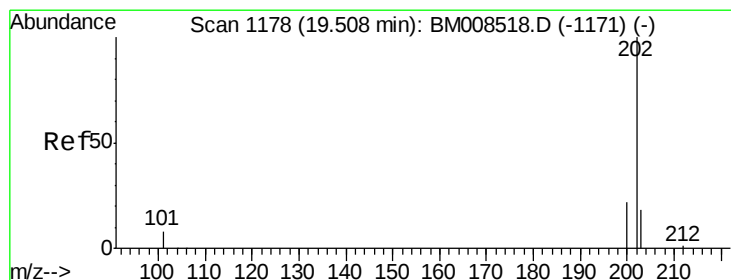
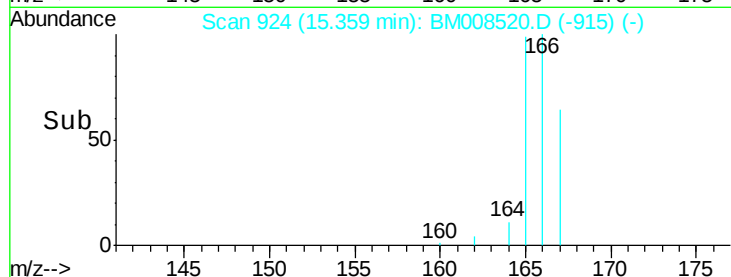
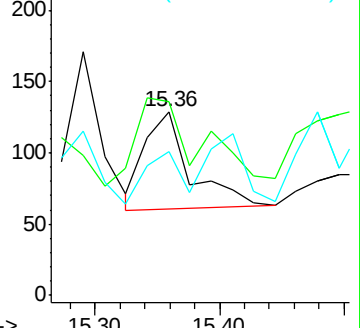
167 78.3 14.6 22.0#



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: 0.36 ng/ul

RT: 19.48 min Scan# 1176

Delta R.T. -0.02 min

Lab File: BM008520.D

Acq: 21 Dec 2016 16:58

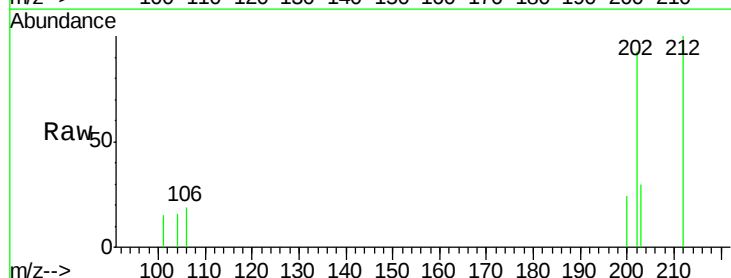
Tgt Ion:202 Resp: 1705

Ion Ratio Lower Upper

202 100

200 25.3 18.2 27.4

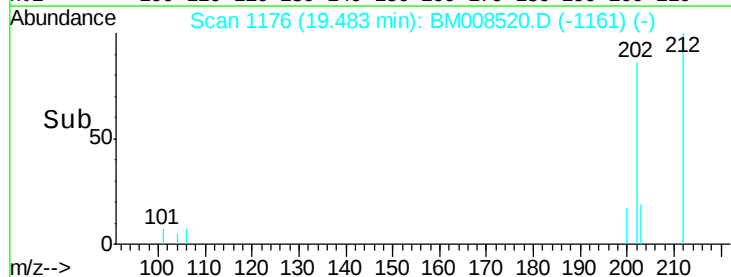
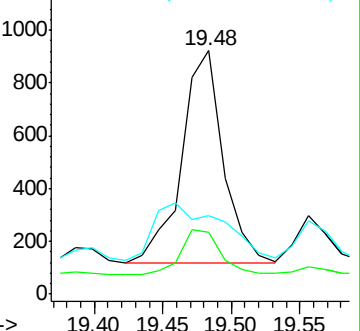
203 32.3 15.6 23.4#

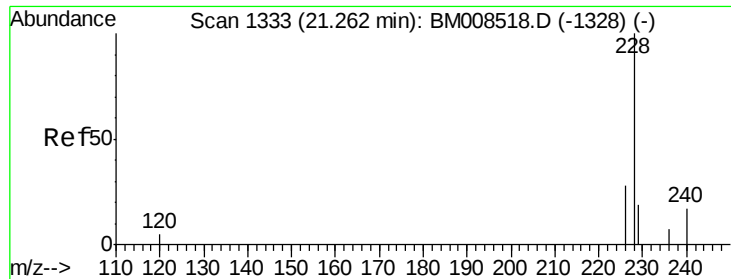


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#18

Benzo(a)anthracene

Concen: 0.73 ng/ul

RT: 21.26 min Scan# 1333

Delta R.T. -0.00 min

Lab File: BM008520.D

Acq: 21 Dec 2016 16:58

Instrument :

BNA_M

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DA8W5

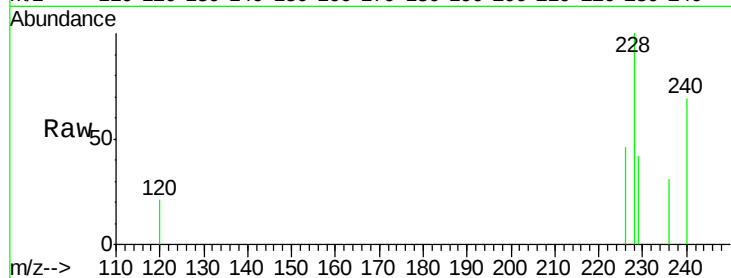
Tgt Ion:228 Resp: 2951

Ion Ratio Lower Upper

228 100

226 45.9 22.8 34.2#

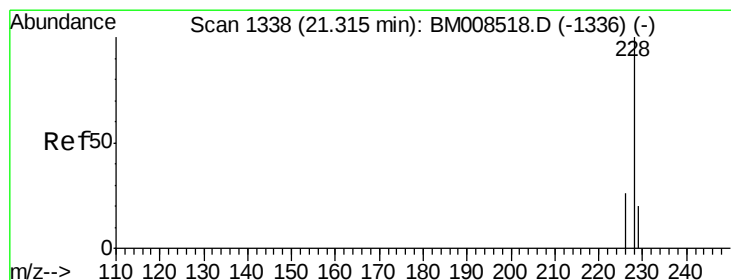
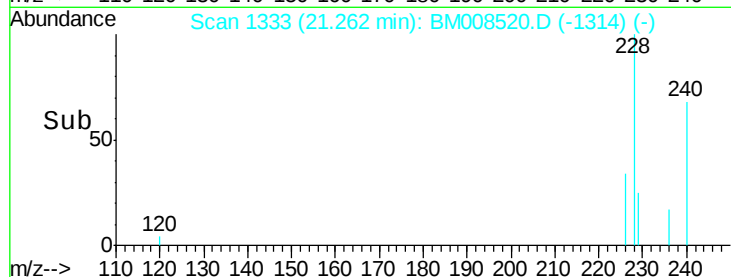
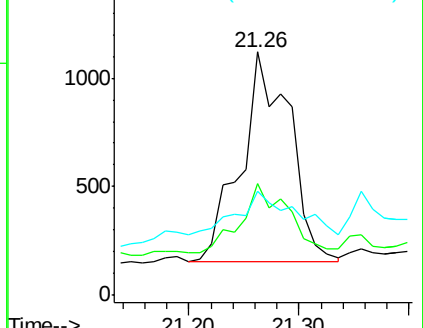
229 42.5 17.0 25.6#



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



#19

Chrysene

Concen: 0.67 ng/ul

RT: 21.26 min Scan# 1333

Delta R.T. -0.05 min

Lab File: BM008520.D

Acq: 21 Dec 2016 16:58

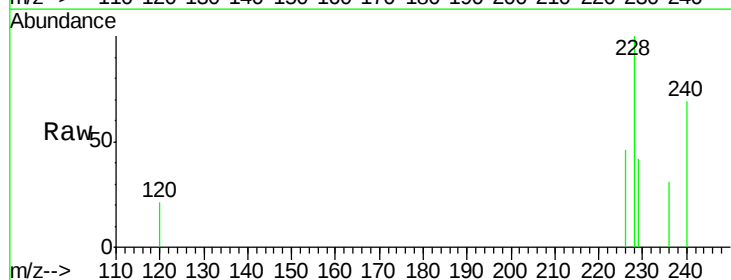
Tgt Ion:228 Resp: 2960

Ion Ratio Lower Upper

228 100

226 45.9 23.4 35.0#

229 42.5 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

