

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111616\
 Data File : BM007930.D
 Acq On : 16 Nov 2016 20:25
 Operator : UM/SJ
 Sample : H5622-23
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4WM0

Quant Time: Nov 17 04:44:35 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM102516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 17 04:42:29 2016
 Response via : Initial Calibration

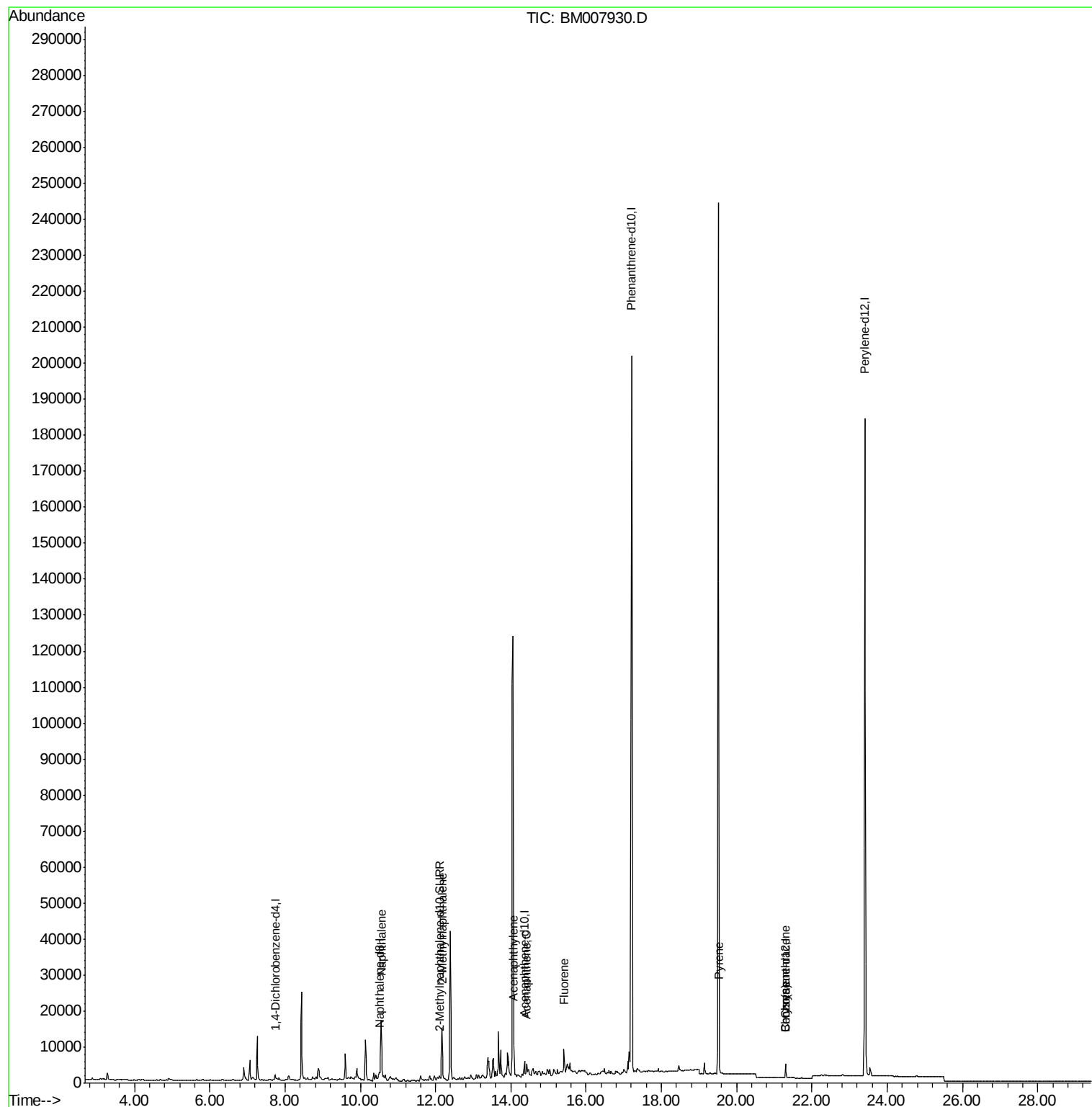
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	933	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.51	136	2987	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.37	164	3781	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.21	188	268339	0.40	ng/ul	0.09
16) Chrysene-d12	21.30	240	3737	0.40	ng/ul	-0.01
20) Perylene-d12	23.41	264	242890	0.40	ng/ul	-0.16
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.10	152	1505	0.43	ng/ul	-0.03
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds						
3) Naphthalene	10.56	128	27197	3.54	ng/ul	98
5) 2-Methylnaphthalene	12.17	142	11437	2.36	ng/ul	99
7) Acenaphthylene	14.07	152	936	0.05	ng/ul#	1
8) Acenaphthene	14.42	153	2339	0.17	ng/ul	94
9) Fluorene	15.41	166	5026	0.33	ng/ul#	80
17) Pyrene	19.53	202	1549	0.12	ng/ul#	23
18) Benzo(a)anthracene	21.28	228	231	0.02	ng/ul#	1
19) Chrysene	21.28	228	243	0.02	ng/ul#	1

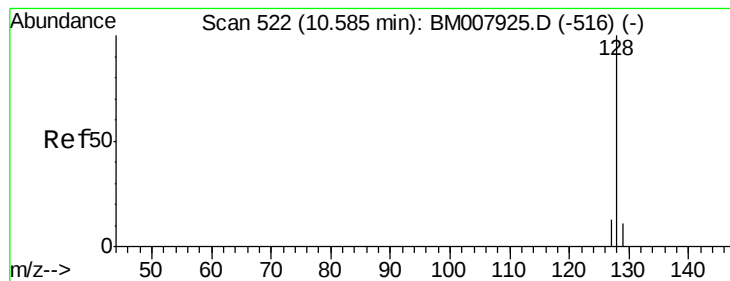
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 3.54 ng/ul

RT: 10.56 min Scan# 520

Delta R.T. -0.02 min

Lab File: BM007930.D

Acq: 16 Nov 2016 20:25

Instrument :

BNA_M

ClientSampleId :

A4WM0

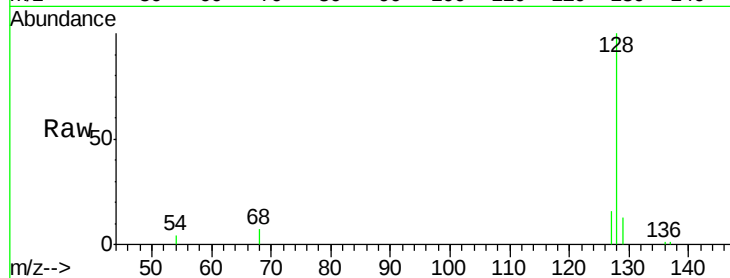
Tgt Ion:128 Resp: 27197

Ion Ratio Lower Upper

128 100

129 12.7 11.3 16.9

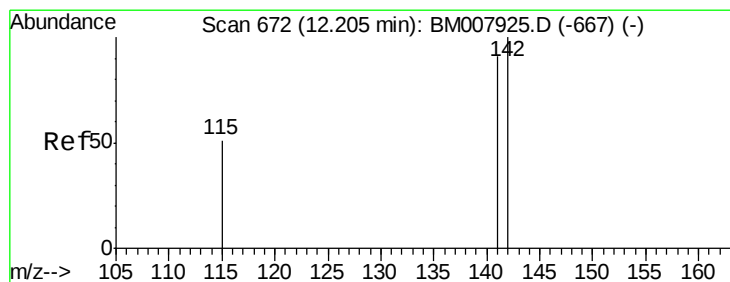
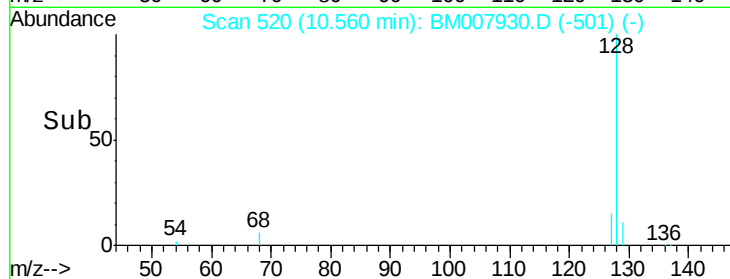
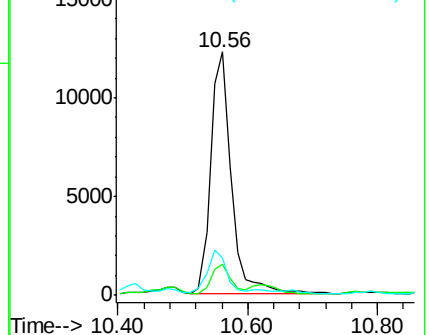
127 15.5 12.8 19.2



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: 2.36 ng/ul

RT: 12.17 min Scan# 669

Delta R.T. -0.03 min

Lab File: BM007930.D

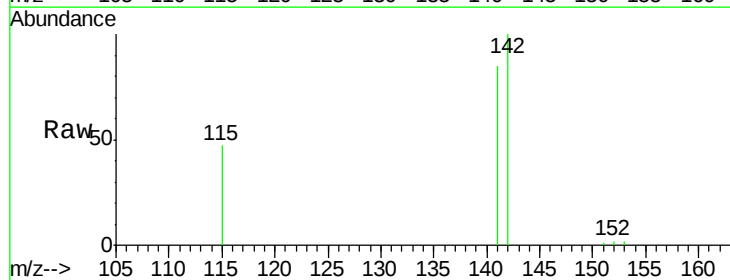
Acq: 16 Nov 2016 20:25

Tgt Ion:142 Resp: 11437

Ion Ratio Lower Upper

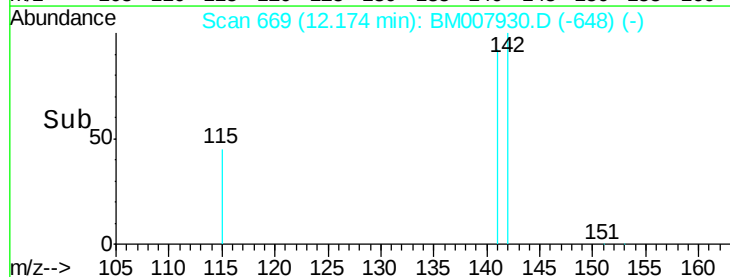
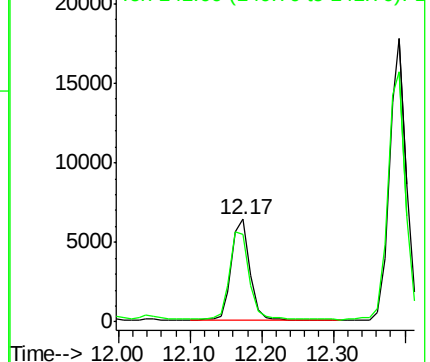
142 100

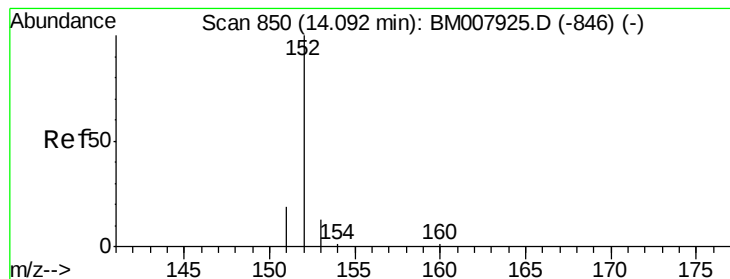
141 89.6 72.6 108.8



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: 14.07 min Scan# 849

Delta R.T. -0.02 min

Lab File: BM007930.D

Acq: 16 Nov 2016 20:25

Instrument :

BNA_M

ClientSampleId :

A4WM0

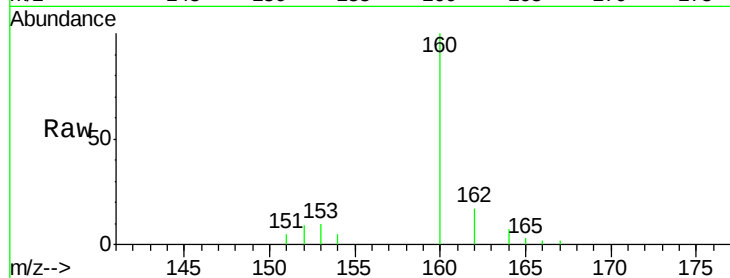
Tgt Ion:152 Resp: 936

Ion Ratio Lower Upper

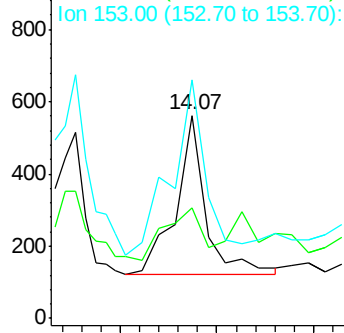
152 100

151 54.4 17.1 25.7#

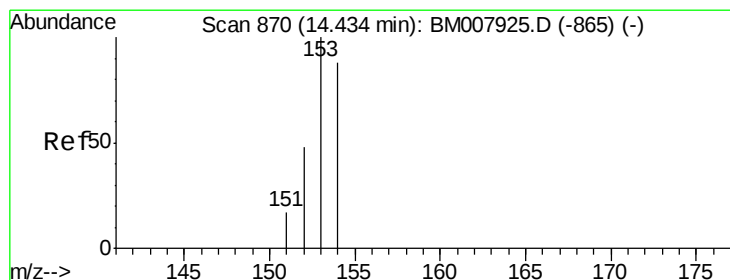
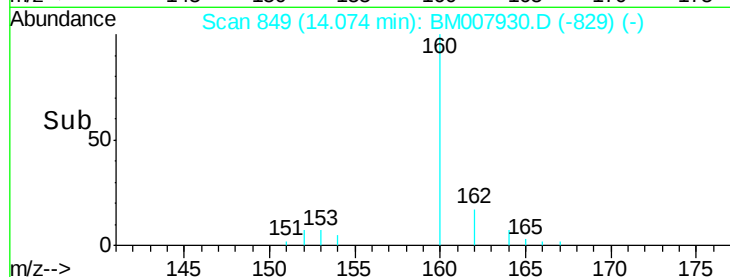
153 117.1 12.8 19.2#



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: 0.17 ng/ul

RT: 14.42 min Scan# 869

Delta R.T. -0.02 min

Lab File: BM007930.D

Acq: 16 Nov 2016 20:25

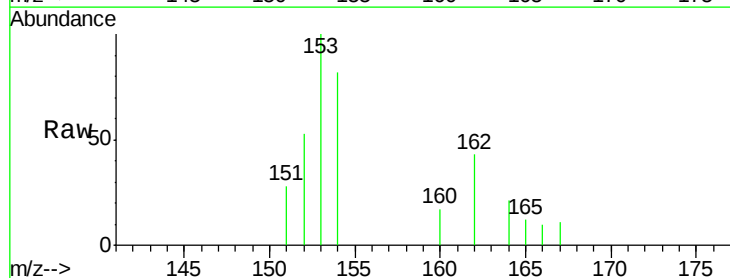
Tgt Ion:153 Resp: 2339

Ion Ratio Lower Upper

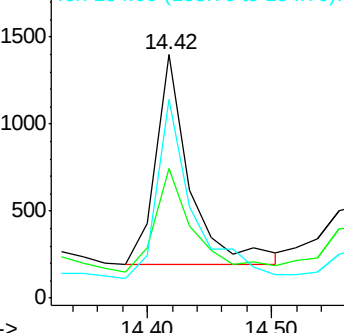
153 100

152 53.2 40.3 60.5

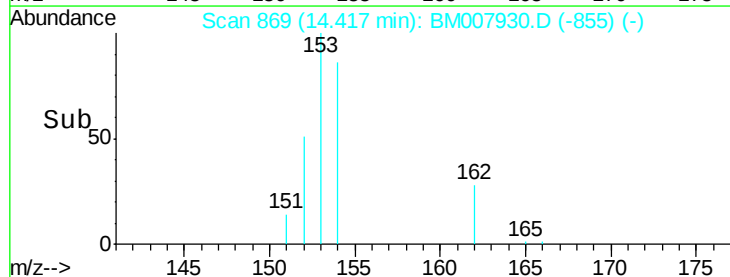
154 81.9 71.4 107.2

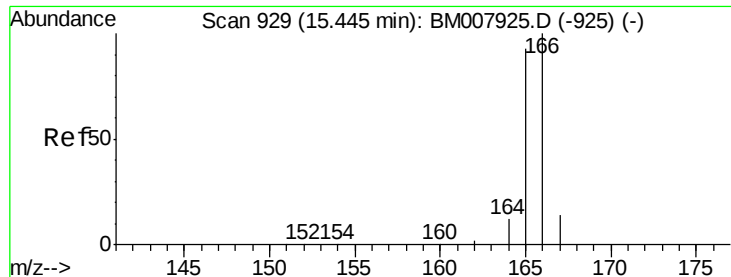


Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



Time-->

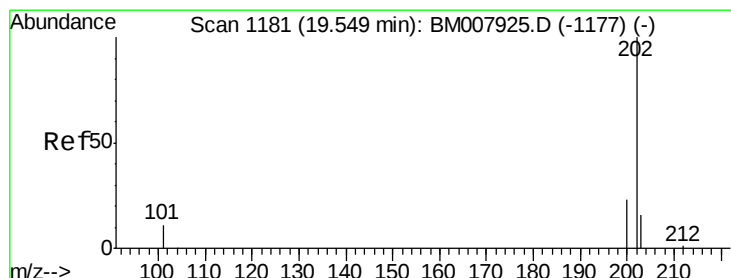
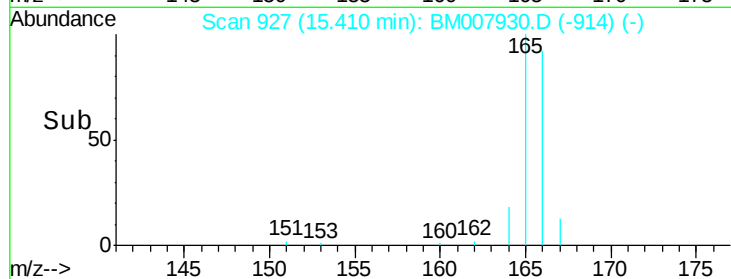
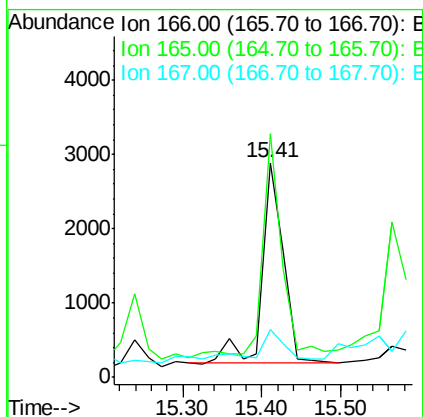
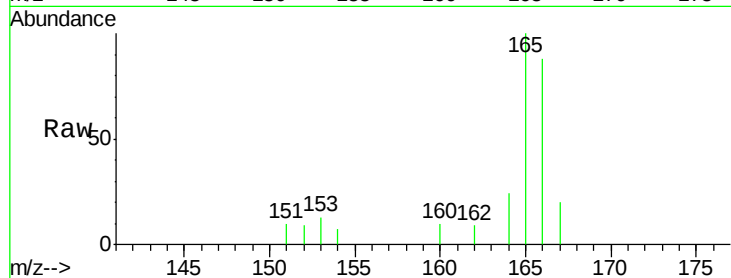




#9
Fluorene
 Concen: 0.33 ng/ul
 RT: 15.41 min Scan# 927
 Delta R.T. -0.03 min
 Lab File: BM007930.D
 Acq: 16 Nov 2016 20:25

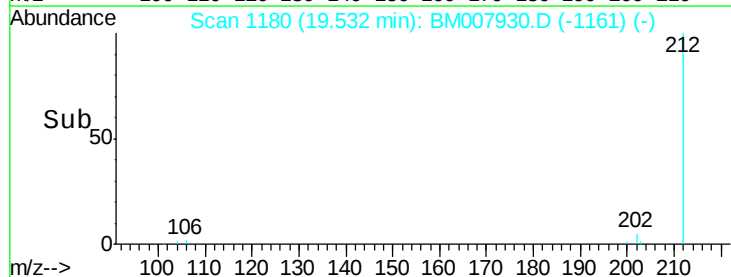
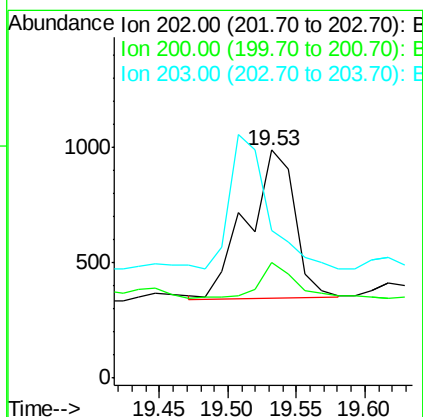
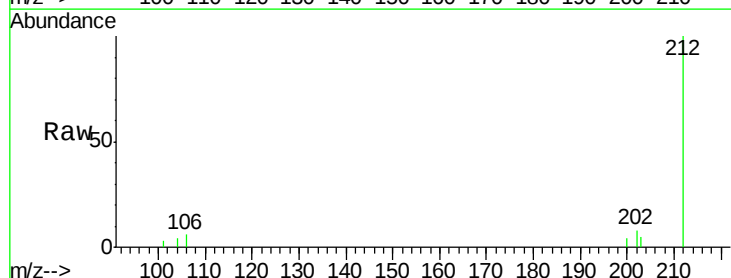
Instrument :
 BNA_M
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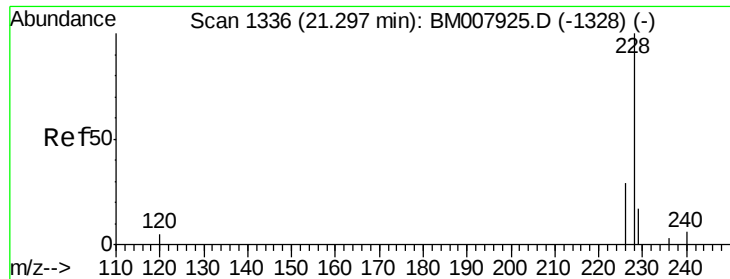
Tgt Ion:166 Resp: 5026
 Ion Ratio Lower Upper
 166 100
 165 113.4 73.4 110.2#
 167 22.1 14.6 22.0#



#17
Pyrene
 Concen: 0.12 ng/ul
 RT: 19.53 min Scan# 1180
 Delta R.T. -0.02 min
 Lab File: BM007930.D
 Acq: 16 Nov 2016 20:25

Tgt Ion:202 Resp: 1549
 Ion Ratio Lower Upper
 202 100
 200 50.8 18.2 27.4#
 203 64.6 15.6 23.4#





#18

Benzo(a)anthracene

Concen: 0.02 ng/ul

RT: 21.28 min Scan# 1335

Delta R.T. -0.01 min

Lab File: BM007930.D

Acq: 16 Nov 2016 20:25

Instrument :

BNA_M

ClientSampleId :

A4WM0

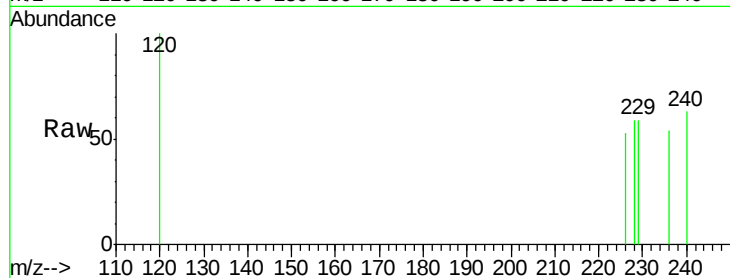
Tgt Ion:228 Resp: 231

Ion Ratio Lower Upper

228 100

226 89.9 22.8 34.2#

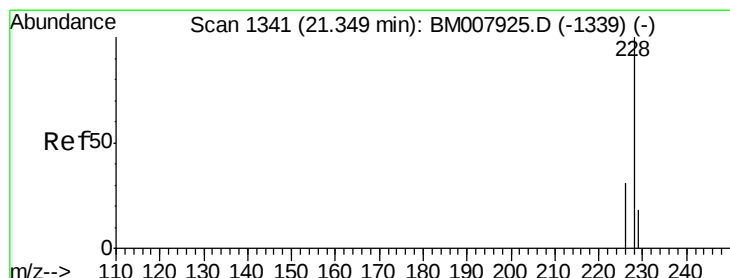
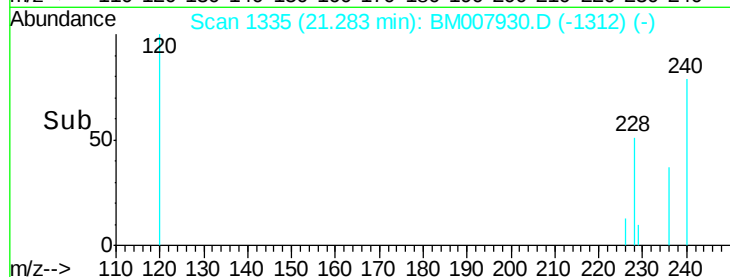
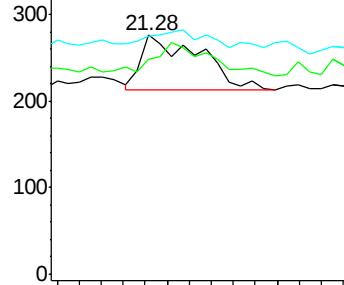
229 99.6 17.0 25.6#



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: 0.02 ng/ul

RT: 21.28 min Scan# 1335

Delta R.T. -0.07 min

Lab File: BM007930.D

Acq: 16 Nov 2016 20:25

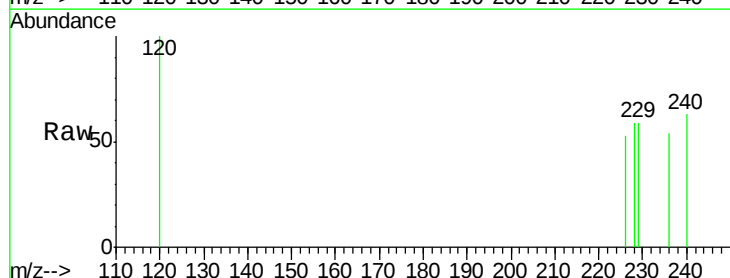
Tgt Ion:228 Resp: 243

Ion Ratio Lower Upper

228 100

226 89.9 23.4 35.0#

229 99.6 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

