

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030817\
 Data File : BM009120.D
 Acq On : 08 Mar 2017 21:41
 Operator : SJ/MA
 Sample : I2062-16
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AF7

Quant Time: Mar 09 01:20:51 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM030317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 09 01:19:41 2017
 Response via : Initial Calibration

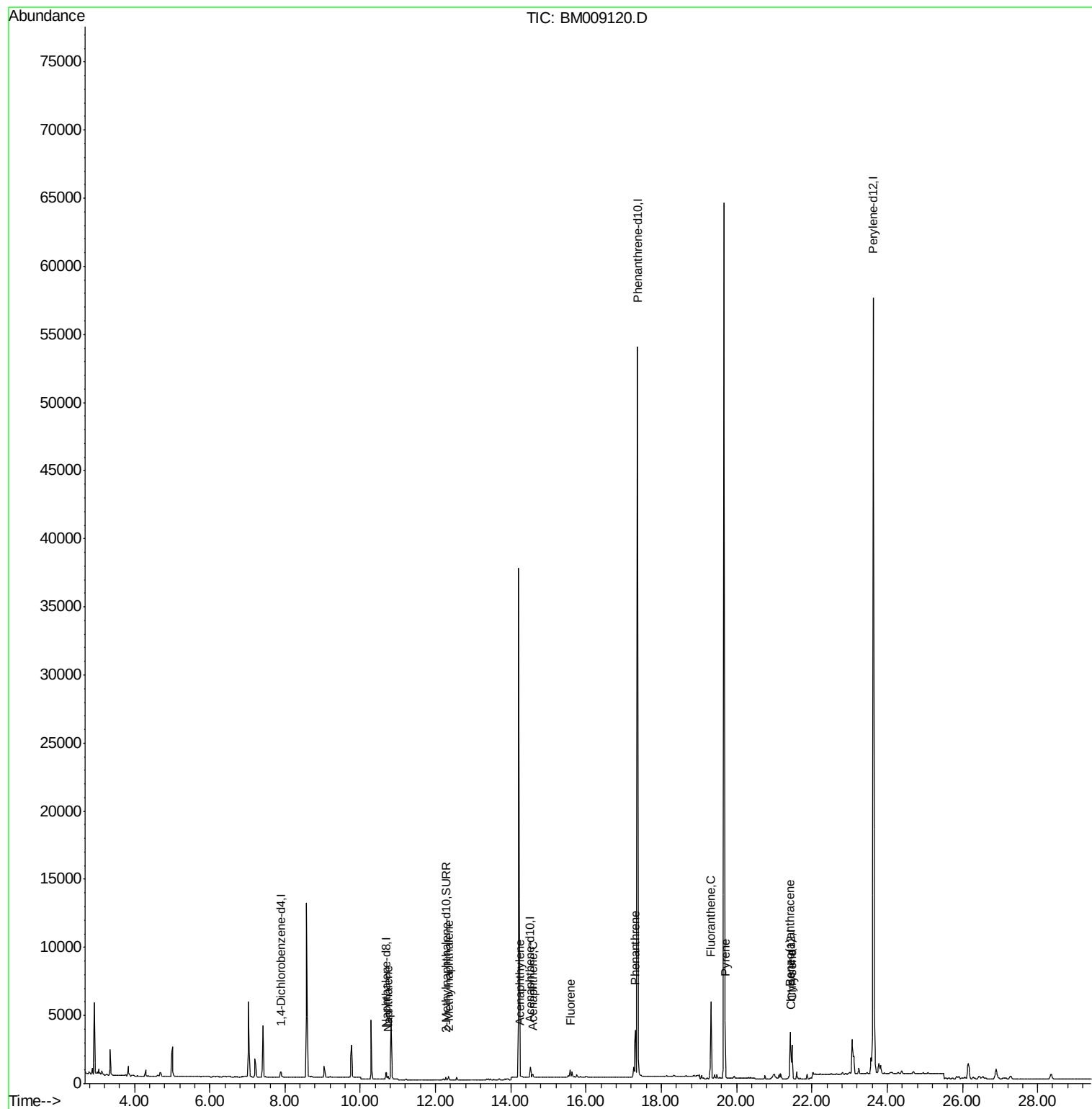
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	223	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.68	136	719	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.52	164	434	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.36	188	65009	0.40	ng/ul	0.10
16) Chrysene-d12	21.44	240	1133	0.40	ng/ul	0.00
20) Perylene-d12	23.63	264	70980	0.40	ng/ul	-0.16
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	272	0.23	ng/ul	-0.01
14) Fluoranthene-d10	19.29	212	853	0.00	ng/ul	0.00
Target Compounds						
3) Naphthalene	10.73	128	300	0.14	ng/ul#	58
5) 2-Methylnaphthalene	12.34	142	172	0.12	ng/ul	99
7) Acenaphthylene	14.25	152	247	0.11	ng/ul#	55
8) Acenaphthene	14.59	153	165	0.10	ng/ul#	88
9) Fluorene	15.58	166	618	0.30	ng/ul#	95
12) Phenanthrene	17.31	178	4649	0.02	ng/ul	93
15) Fluoranthene	19.32	202	6066	0.02	ng/ul	95
17) Pyrene	19.69	202	4955	1.27	ng/ul	95
18) Benzo(a)anthracene	21.42	228	3014	0.80	ng/ul	96
19) Chrysene	21.47	228	2255	0.63	ng/ul	92

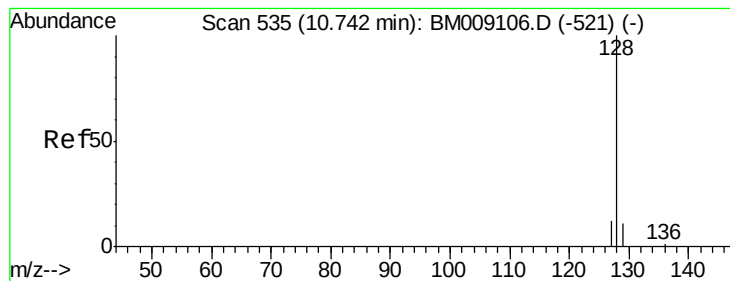
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.14 ng/ul

RT: 10.73 min Scan# 534

Delta R.T. -0.01 min

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C0AF7

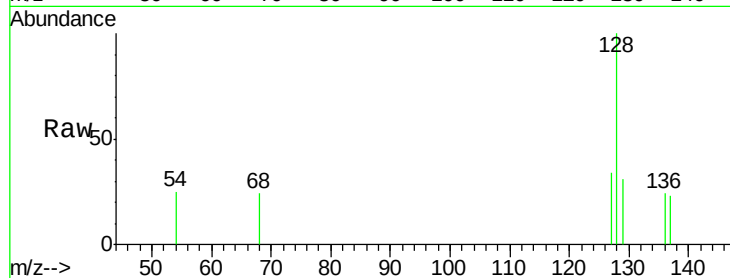
Tgt Ion:128 Resp: 300

Ion Ratio Lower Upper

128 100

129 30.9 11.3 16.9#

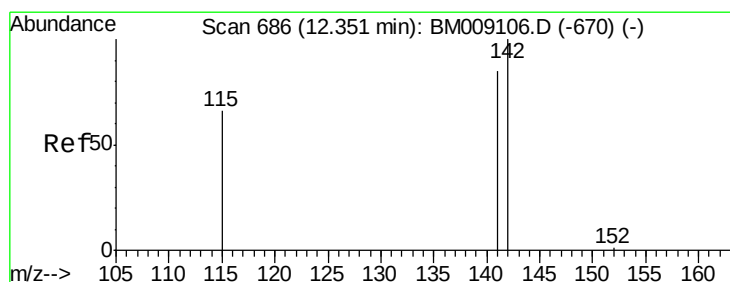
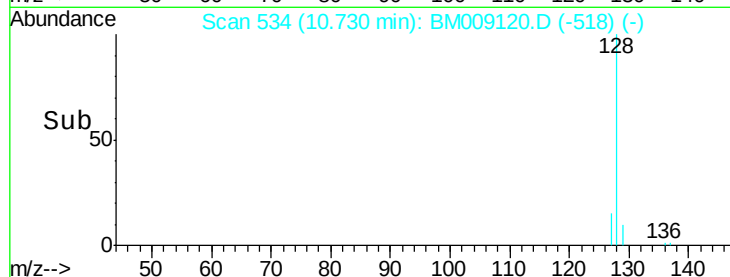
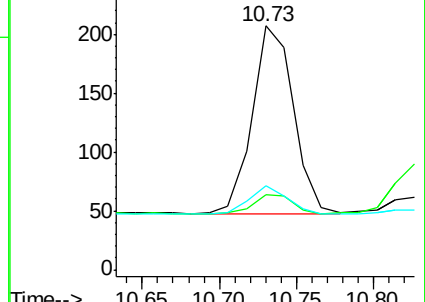
127 34.3 12.8 19.2#



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: 0.12 ng/ul

RT: 12.34 min Scan# 685

Delta R.T. -0.01 min

Lab File: BM009120.D

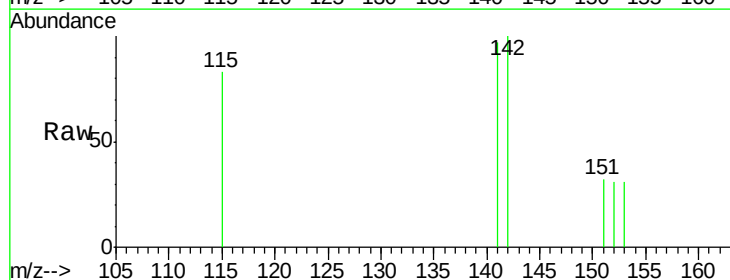
Acq: 08 Mar 2017 21:41

Tgt Ion:142 Resp: 172

Ion Ratio Lower Upper

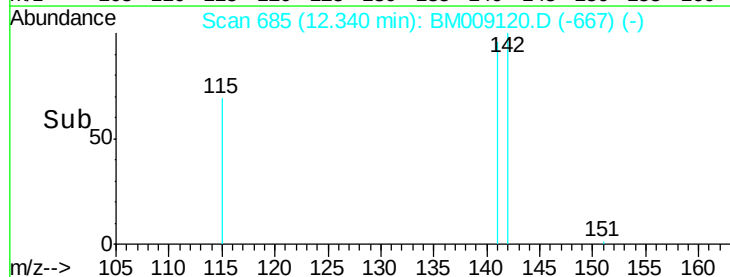
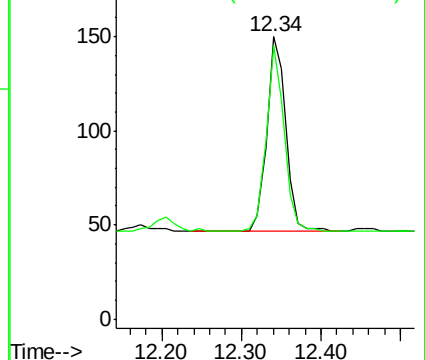
142 100

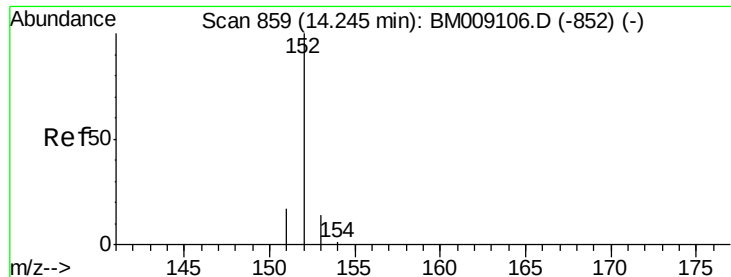
141 90.1 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.11 ng/ul

RT: 14.25 min Scan# 859

Delta R.T. 0.00 min

Lab File: BM009120.D

Acq: 08 Mar 2017 21:41

Instrument :

BNA_M

ClientSampleId :

C0AF7

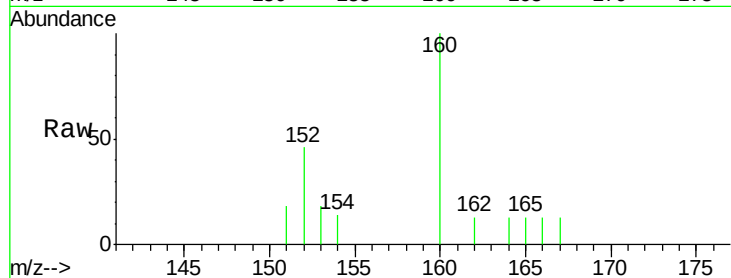
Tgt Ion:152 Resp: 247

Ion Ratio Lower Upper

152 100

151 39.5 17.1 25.7#

153 38.4 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

14.25

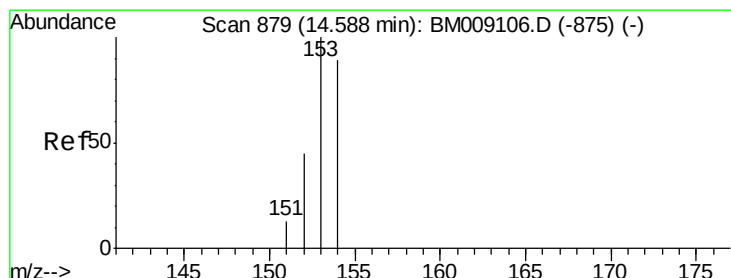
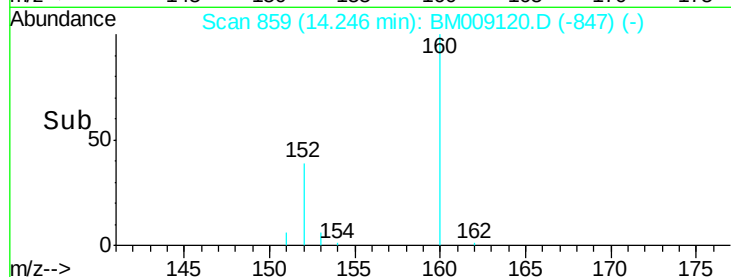
150

100

50

0

Time-->



#8

Acenaphthene

Concen: 0.10 ng/ul

RT: 14.59 min Scan# 879

Delta R.T. 0.00 min

Lab File: BM009120.D

Acq: 08 Mar 2017 21:41

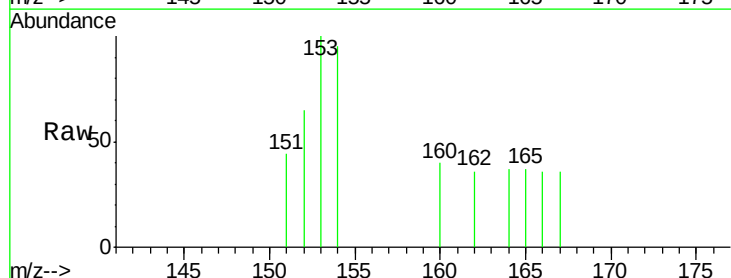
Tgt Ion:153 Resp: 165

Ion Ratio Lower Upper

153 100

152 64.9 40.3 60.5#

154 95.4 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

14.59

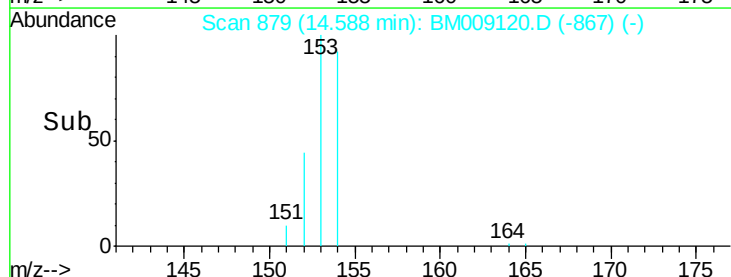
150

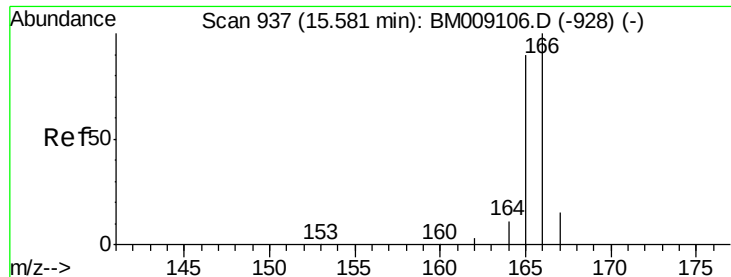
100

50

0

Time-->

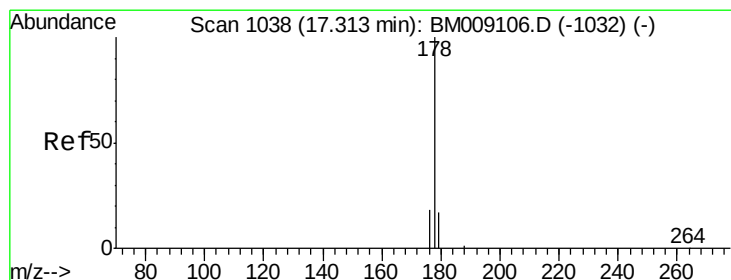
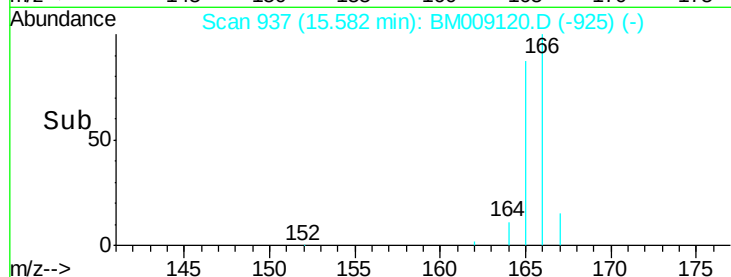
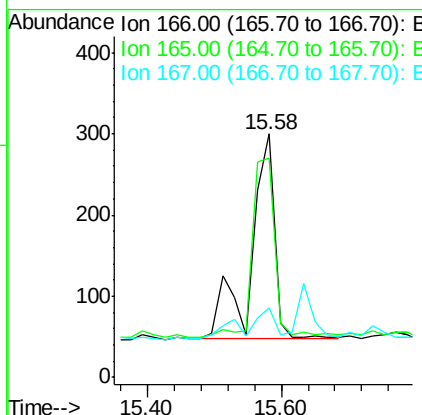
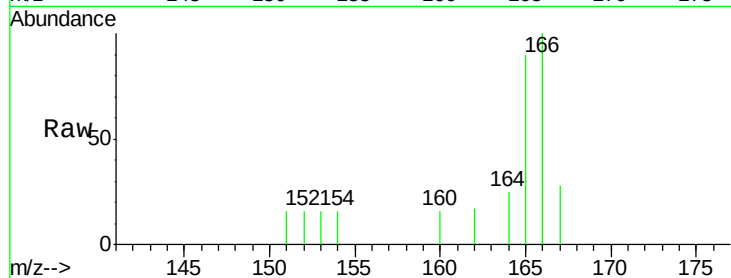




#9
Fluorene
 Concen: 0.30 ng/ul
 RT: 15.58 min Scan# 937
 Delta R.T. 0.00 min
 Lab File: BM009120.D
 Acq: 08 Mar 2017 21:41

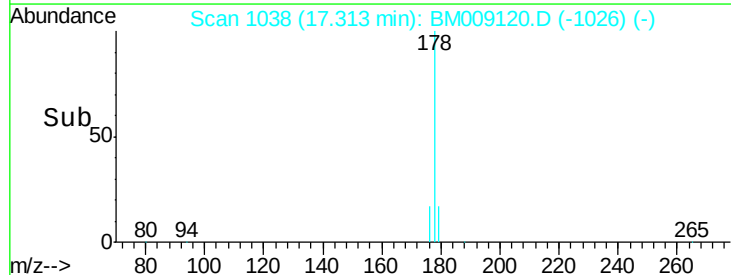
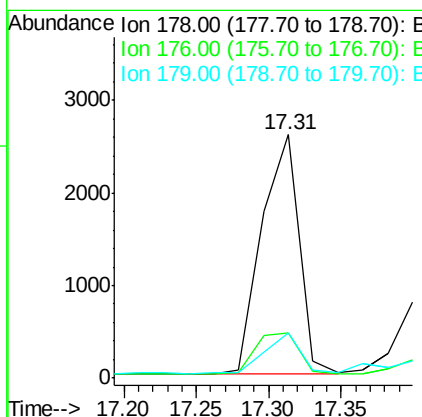
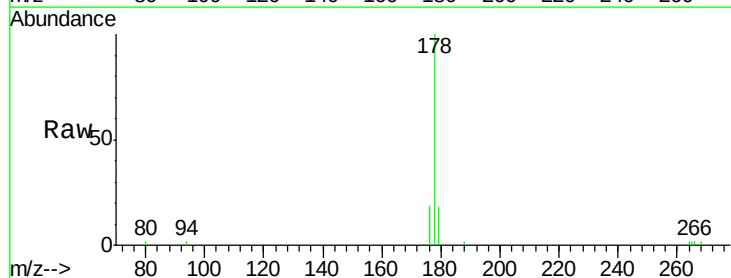
Instrument :
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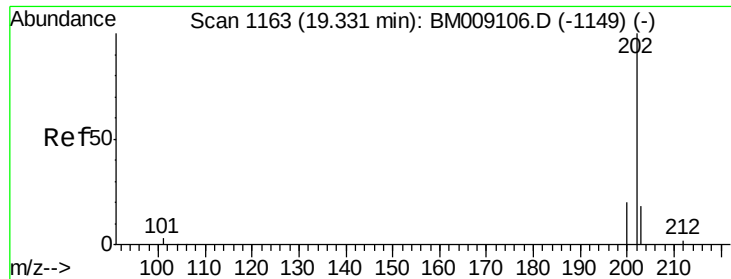
Tgt Ion:166 Resp: 618
 Ion Ratio Lower Upper
 166 100
 165 90.0 73.4 110.2
 167 28.3 14.6 22.0#



#12
Phenanthrene
 Concen: 0.02 ng/ul
 RT: 17.31 min Scan# 1038
 Delta R.T. 0.00 min
 Lab File: BM009120.D
 Acq: 08 Mar 2017 21:41

Tgt Ion:178 Resp: 4649
 Ion Ratio Lower Upper
 178 100
 176 18.7 18.4 27.6
 179 18.4 13.6 20.4

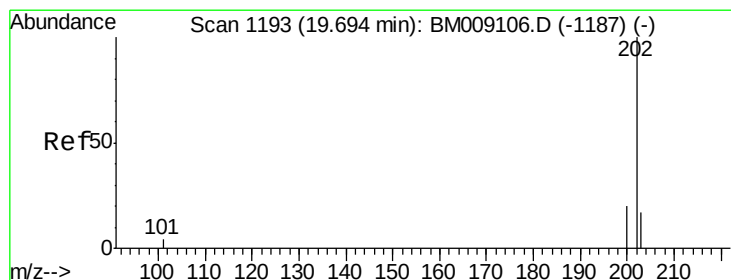
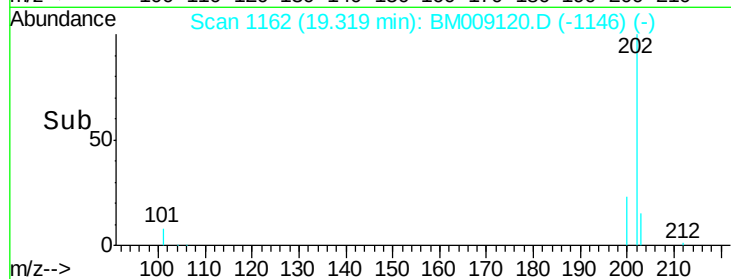
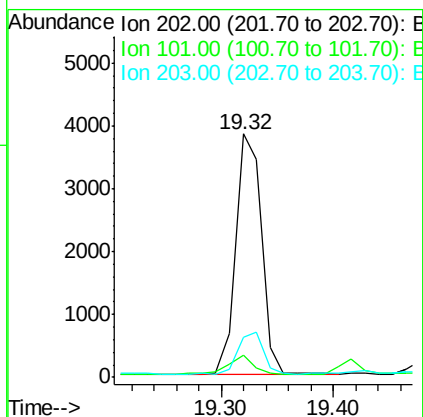
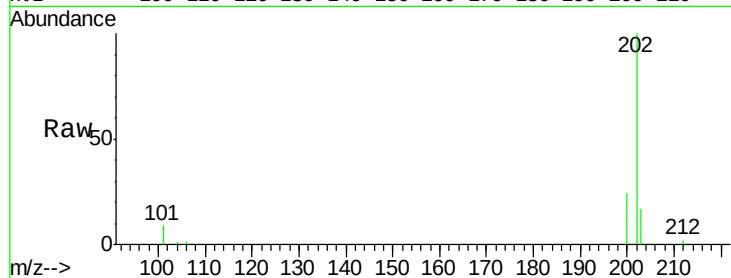




#15
Fluoranthene
Concen: 0.02 ng/ul
RT: 19.32 min Scan# 1162
Delta R.T. -0.01 min
Lab File: BM009120.D
Acq: 08 Mar 2017 21:41

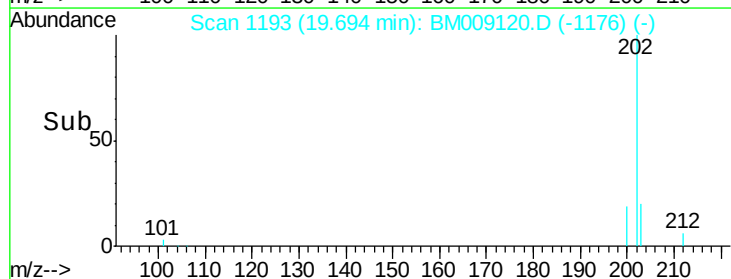
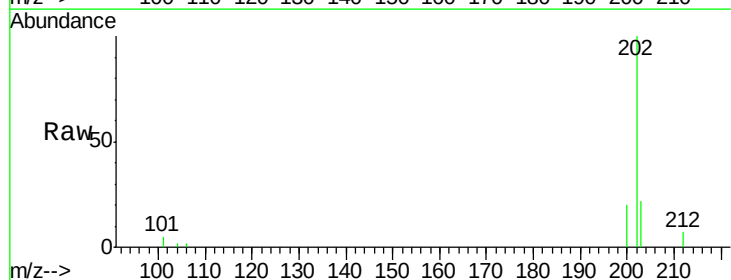
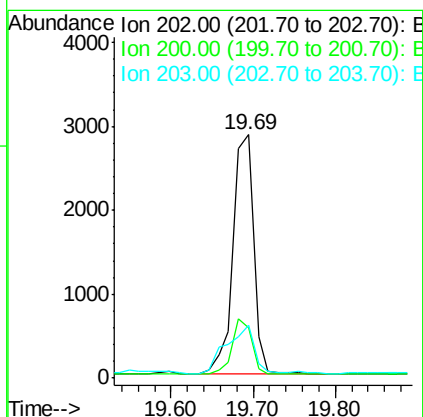
Instrument :
BNA_M
ClientSampleId :
C0AF7

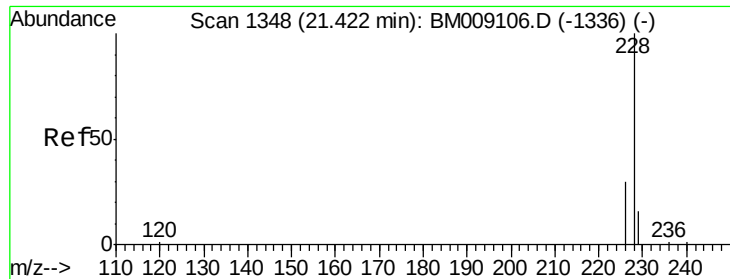
Tgt Ion:202 Resp: 6066
Ion Ratio Lower Upper
202 100
101 9.3 0.0 30.3
203 16.6 0.0 39.5



#17
Pyrene
Concen: 1.27 ng/ul
RT: 19.69 min Scan# 1193
Delta R.T. 0.00 min
Lab File: BM009120.D
Acq: 08 Mar 2017 21:41

Tgt Ion:202 Resp: 4955
Ion Ratio Lower Upper
202 100
200 20.5 18.2 27.4
203 21.5 15.6 23.4





#18

Benzo(a)anthracene

Concen: 0.80 ng/ul

RT: 21.42 min Scan# 1348

Delta R.T. 0.00 min

Lab File: BM009120.D

Acq: 08 Mar 2017 21:41

Instrument :

BNA_M

ClientSampleId :

C0AF7

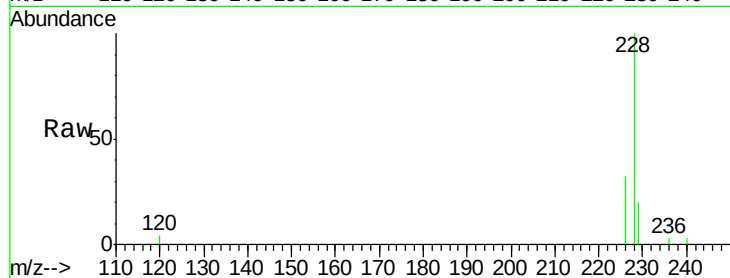
Tgt Ion:228 Resp: 3014

Ion Ratio Lower Upper

228 100

226 31.6 22.8 34.2

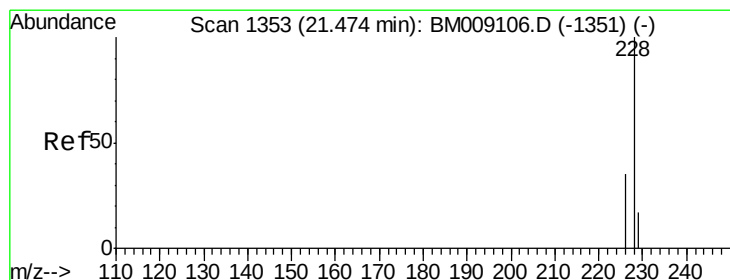
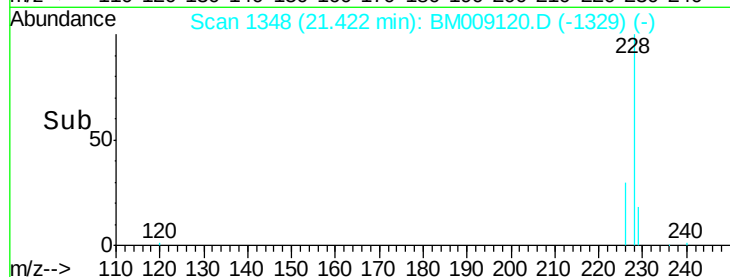
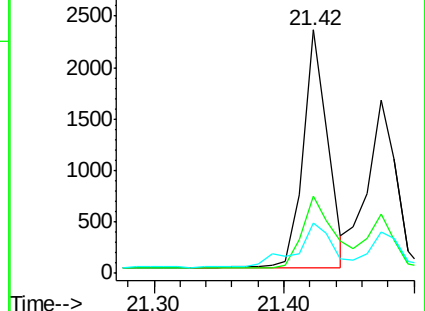
229 20.5 17.0 25.6



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: 0.63 ng/ul

RT: 21.47 min Scan# 1353

Delta R.T. 0.00 min

Lab File: BM009120.D

Acq: 08 Mar 2017 21:41

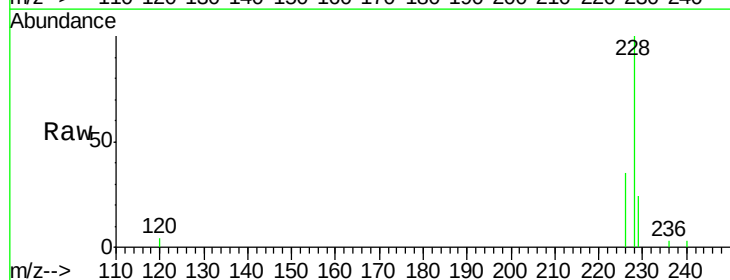
Tgt Ion:228 Resp: 2255

Ion Ratio Lower Upper

228 100

226 34.7 23.4 35.0

229 24.0 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

