

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031017\
 Data File : BM009189.D
 Acq On : 10 Mar 2017 23:32
 Operator : SJ/MA
 Sample : I2107-17
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AL3

Quant Time: Mar 11 00:55:46 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 11 00:54:34 2017
 Response via : Initial Calibration

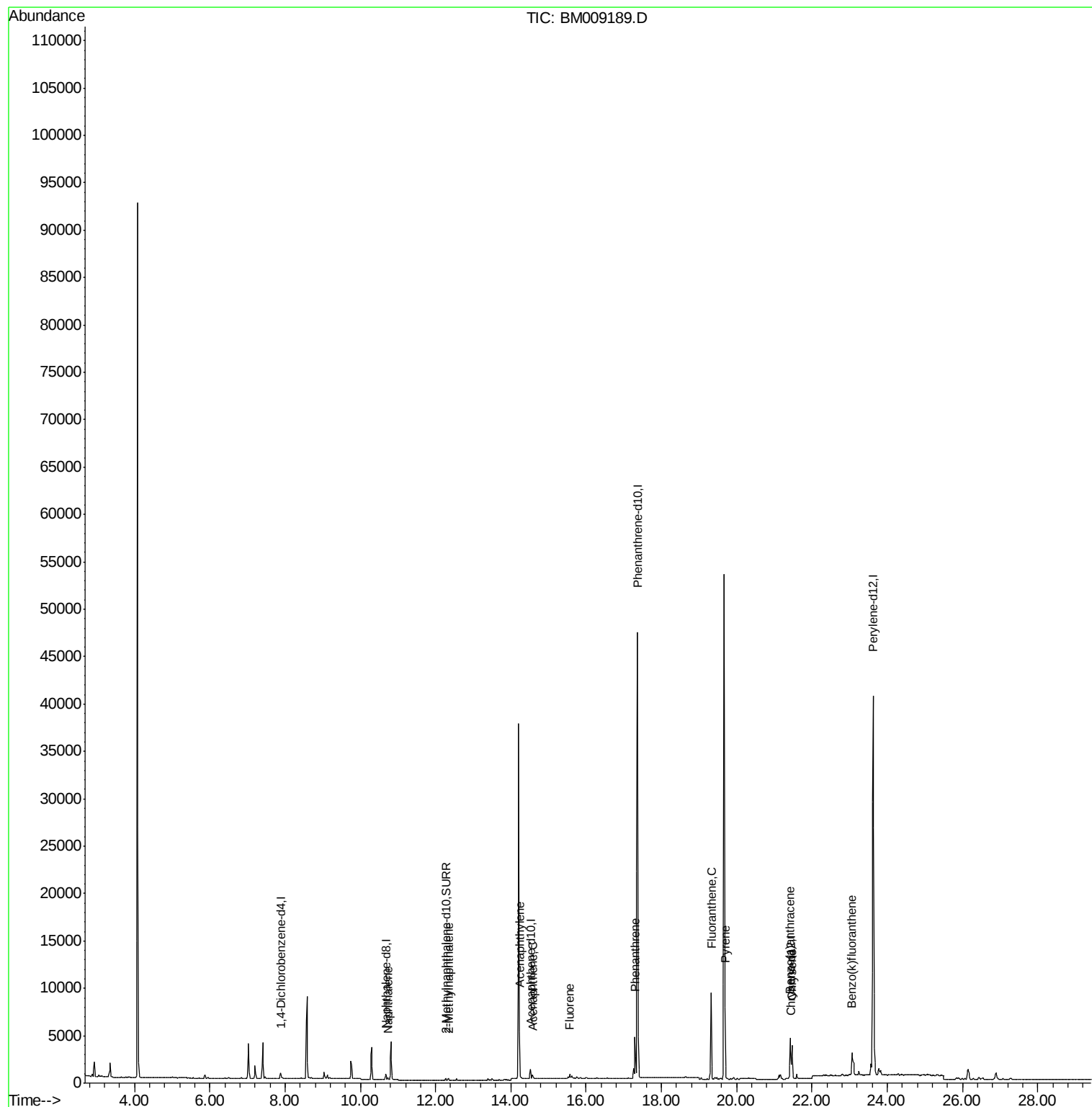
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	263	0.40	ng/ul	0.00
2) Naphthalene-d8	10.68	136	868	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	544	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.36	188	63224	0.40	ng/ul	0.10
16) Chrysene-d12	21.44	240	1210	0.40	ng/ul	0.00
20) Perylene-d12	23.63	264	50355	0.40	ng/ul	-0.15
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	283	0.20	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	812	0.00	ng/ul	0.00
Target Compounds						
					Ovalue	
3) Naphthalene	10.73	128	258	0.10	ng/ul#	56
5) 2-Methylnaphthalene	12.34	142	154	0.09	ng/ul	96
7) Acenaphthylene	14.23	152	215	0.08	ng/ul#	44
8) Acenaphthene	14.57	153	228	0.10	ng/ul#	87
9) Fluorene	15.56	166	303	0.12	ng/ul#	81
12) Phenanthrene	17.30	178	5371	0.03	ng/ul	98
15) Fluoranthene	19.33	202	10254	0.04	ng/ul	94
17) Pyrene	19.69	202	8396	2.02	ng/ul	97
18) Benzo(a)anthracene	21.42	228	3759	0.93	ng/ul	98
19) Chrysene	21.47	228	3598	0.94	ng/ul	94
22) Benzo(k)fluoranthene	23.07	252	5657	0.03	ng/ul#	96

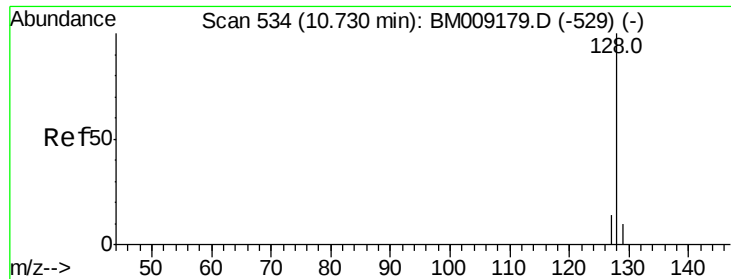
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.10 ng/ul

RT: 10.73 min Scan# 534

Delta R.T. 0.00 min

Lab File: BM009189.D

Acq: 10 Mar 2017 23:32

Instrument :

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ClientSampleId :

C0AL3

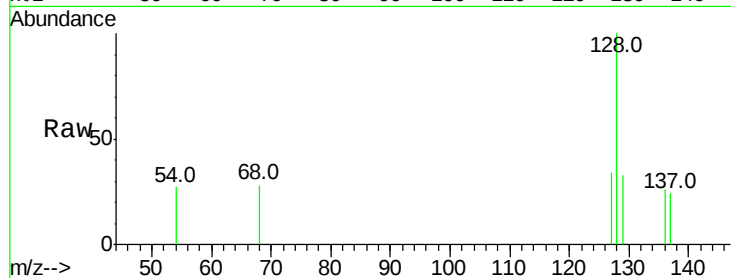
Tot Ion:128 Resp: 258

Ion Ratio Lower Upper

128 100

129 32.8 11.3 16.9#

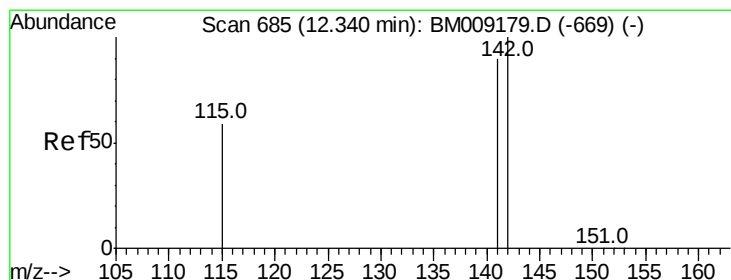
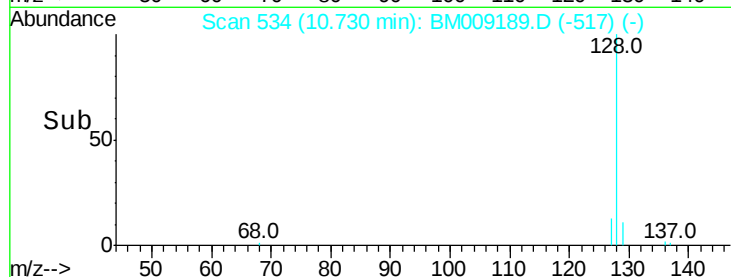
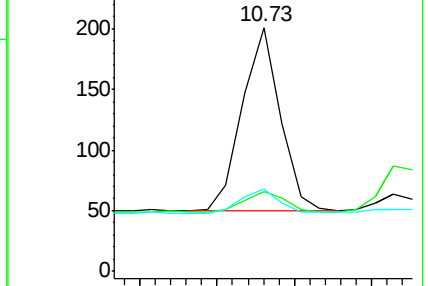
127 33.8 12.8 19.2#



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: 0.09 ng/ul

RT: 12.34 min Scan# 685

Delta R.T. 0.00 min

Lab File: BM009189.D

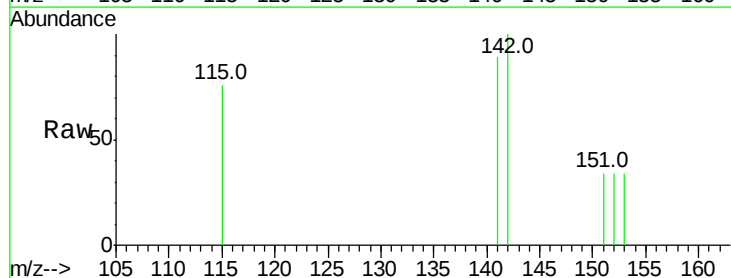
Acq: 10 Mar 2017 23:32

Tgt Ion:142 Resp: 154

Ion Ratio Lower Upper

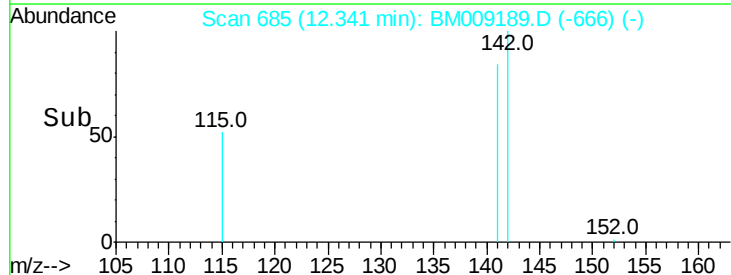
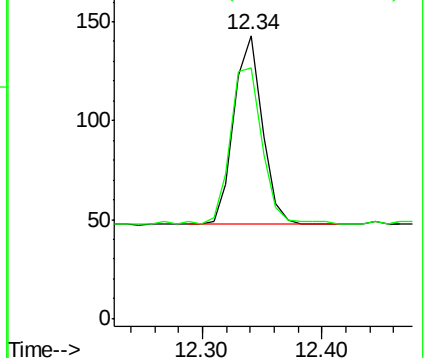
142 100

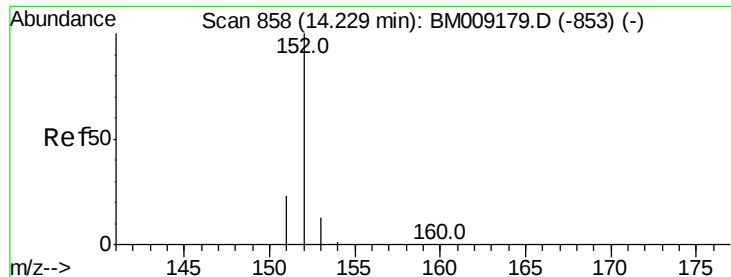
141 94.8 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.08 ng/ul

RT: 14.23 min Scan# 858

Delta R.T. 0.00 min

Lab File: BM009189.D

Acq: 10 Mar 2017 23:32

Instrument :

BNA_M

ClientSampleId :

C0AL3

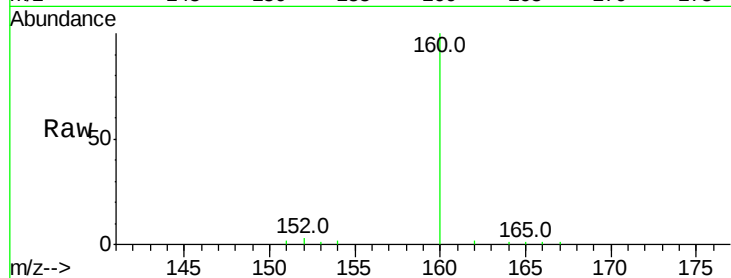
Tot Ion:152 Resp: 215

Ion Ratio Lower Upper

152 100

151 47.5 17.1 25.7#

153 40.1 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

14.23

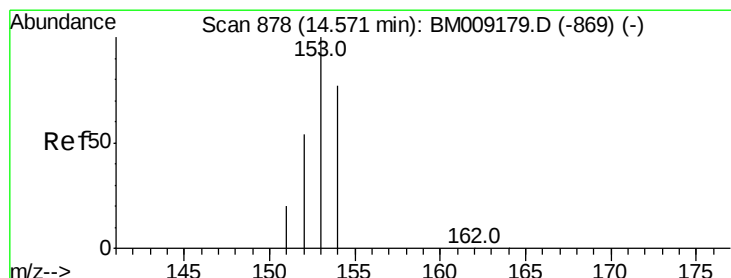
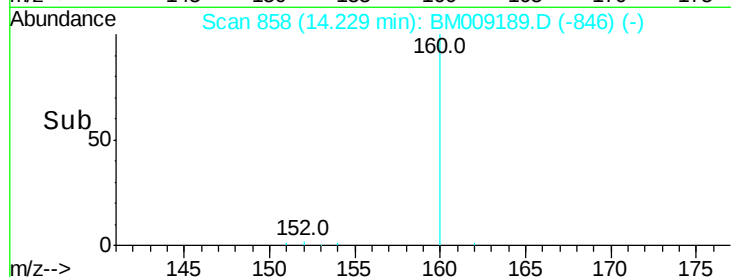
150

100

50

0

Time-->



#8

Acenaphthene

Concen: 0.10 ng/ul

RT: 14.57 min Scan# 878

Delta R.T. 0.00 min

Lab File: BM009189.D

Acq: 10 Mar 2017 23:32

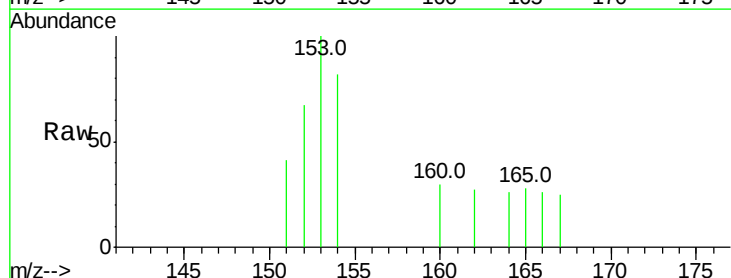
Tgt Ion:153 Resp: 228

Ion Ratio Lower Upper

153 100

152 66.7 40.3 60.5#

154 82.3 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

14.57

250

200

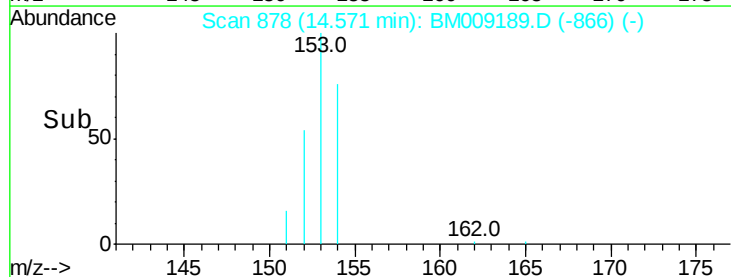
150

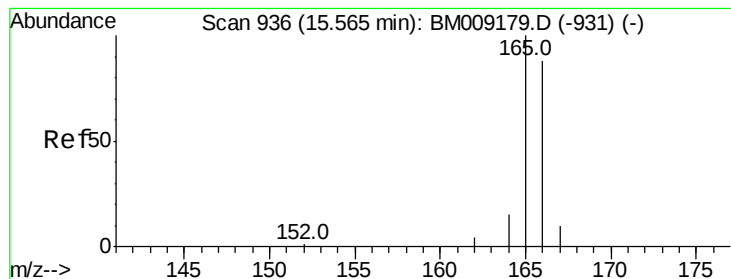
100

50

0

Time-->





#9

Fluorene

Concen: 0.12 ng/ul

RT: 15.56 min Scan# 936

Delta R.T. 0.00 min

Lab File: BM009189.D

Acq: 10 Mar 2017 23:32

Instrument :

BNA_M

ClientSampleId :

C0AL3

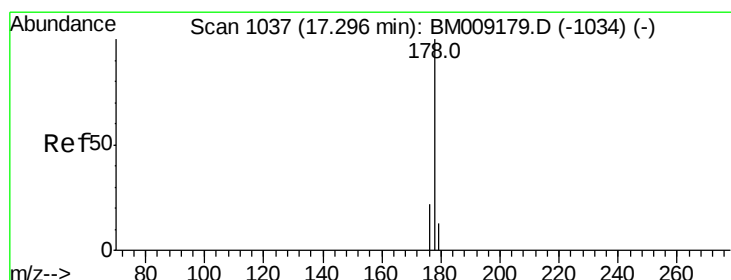
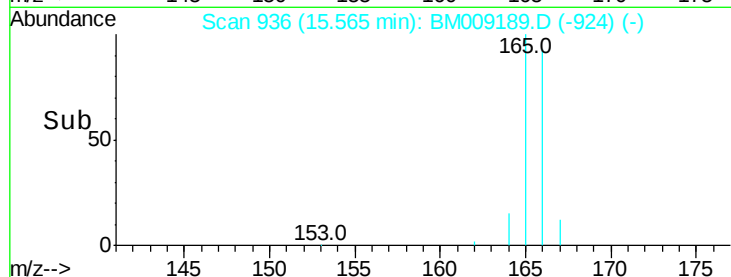
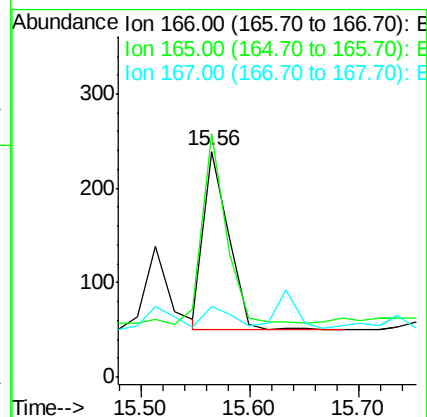
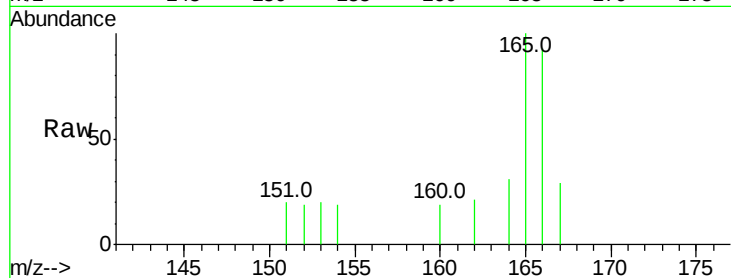
Tot Ion:166 Resp: 303

Ion Ratio Lower Upper

166 100

165 107.9 73.4 110.2

167 31.4 14.6 22.0#



#12

Phenanthrene

Concen: 0.03 ng/ul

RT: 17.30 min Scan# 1037

Delta R.T. 0.00 min

Lab File: BM009189.D

Acq: 10 Mar 2017 23:32

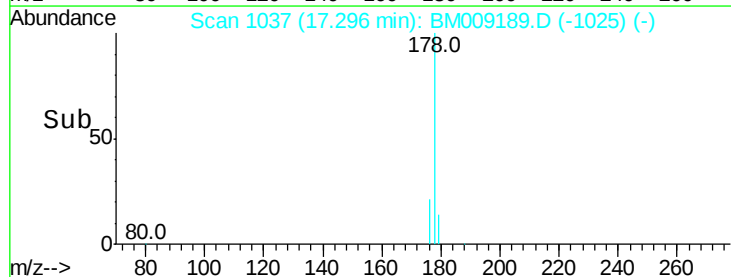
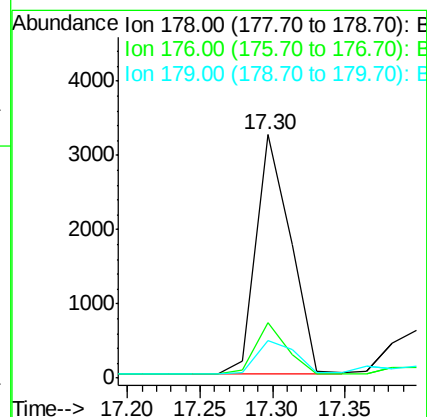
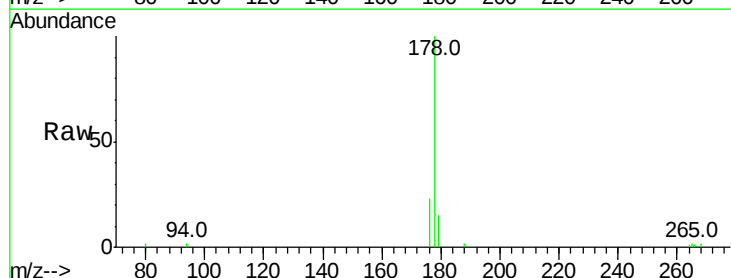
Tgt Ion:178 Resp: 5371

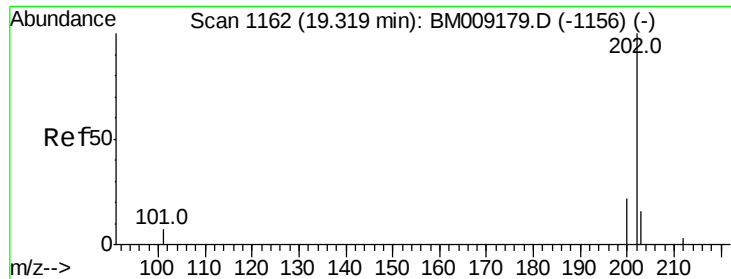
Ion Ratio Lower Upper

178 100

176 22.7 18.4 27.6

179 15.4 13.6 20.4

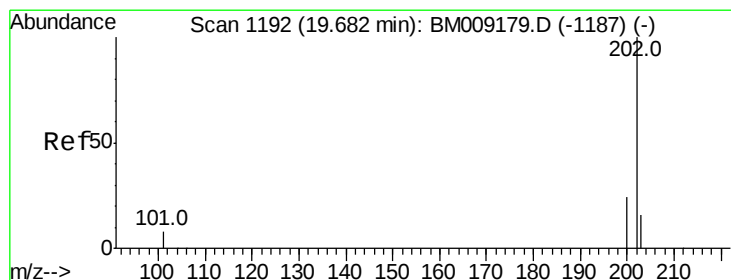
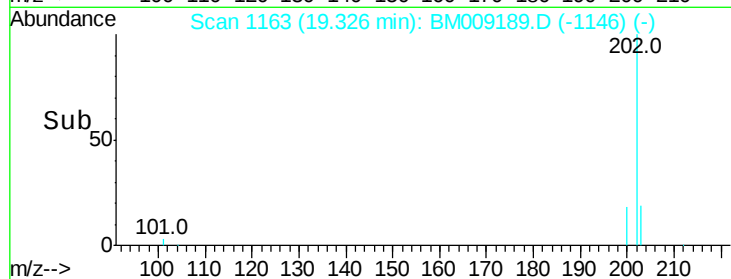
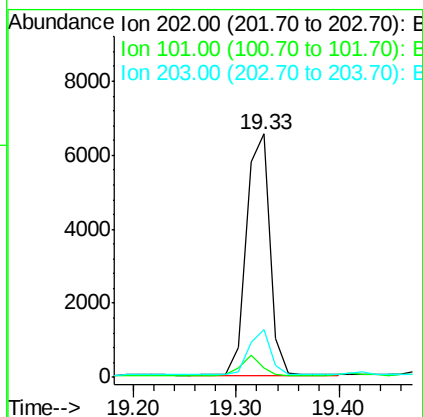
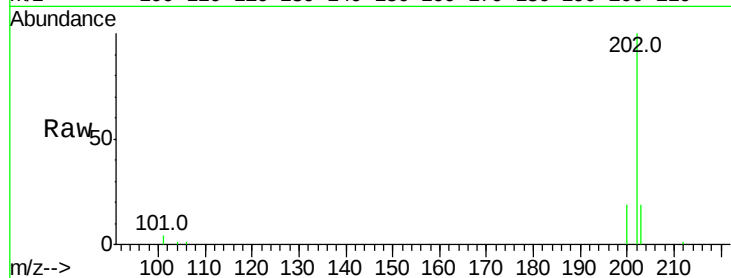




#15
Fluoranthene
Concen: 0.04 ng/ul
RT: 19.33 min Scan# 1163
Delta R.T. 0.01 min
Lab File: BM009189.D
Acq: 10 Mar 2017 23:32

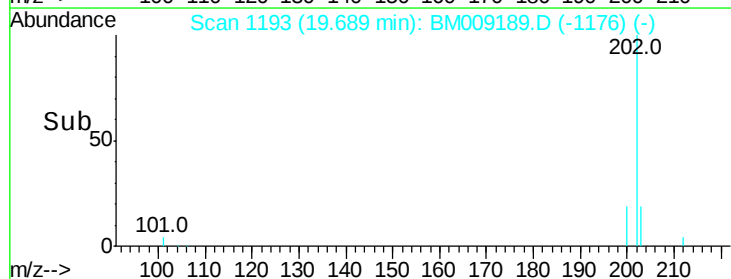
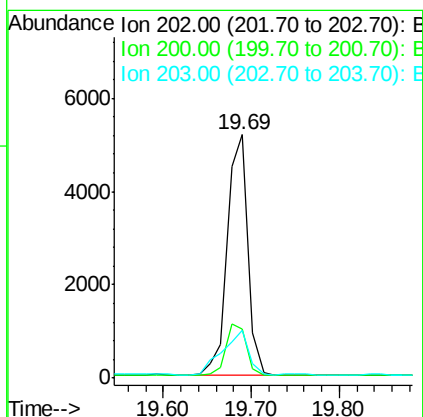
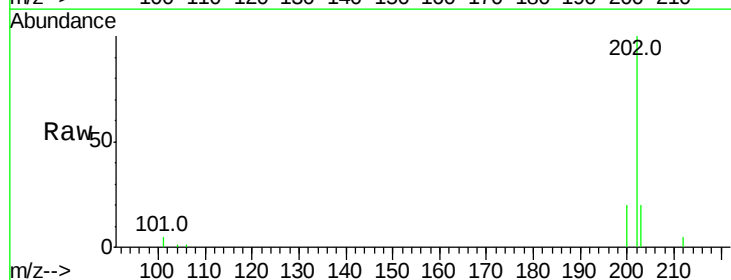
Instrument :
BNA_M
ClientSampleId :
C0AL3

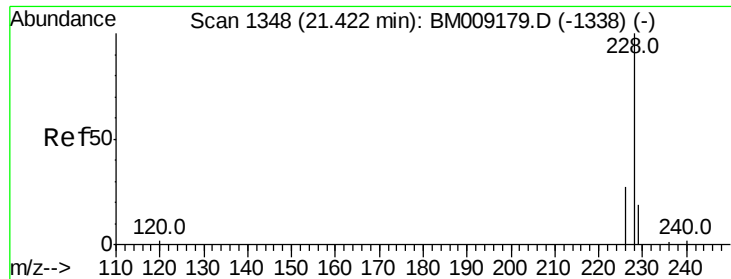
Tot Ion:202 Resp: 10254
Ion Ratio Lower Upper
202 100
101 4.0 0.0 30.3
203 19.5 0.0 39.5



#17
Pyrene
Concen: 2.02 ng/ul
RT: 19.69 min Scan# 1193
Delta R.T. 0.01 min
Lab File: BM009189.D
Acq: 10 Mar 2017 23:32

Tgt Ion:202 Resp: 8396
Ion Ratio Lower Upper
202 100
200 19.9 18.2 27.4
203 19.7 15.6 23.4





#18

Benzo(a)anthracene

Concen: 0.93 ng/ul

RT: 21.42 min Scan# 1348

Delta R.T. -0.00 min

Lab File: BM009189.D

Acq: 10 Mar 2017 23:32

Instrument :

BNA_M

ClientSampleId :

C0AL3

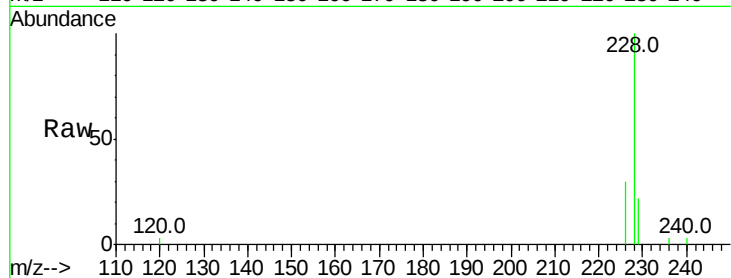
Tot Ion:228 Resp: 3759

Ion Ratio Lower Upper

228 100

226 29.9 22.8 34.2

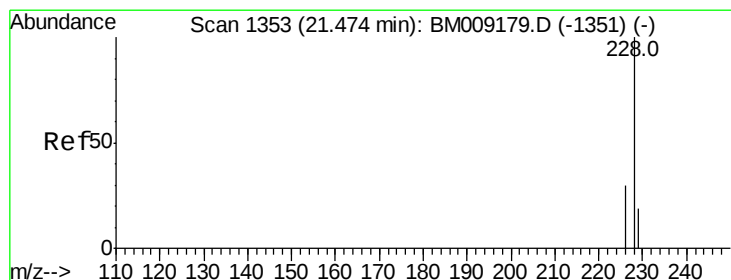
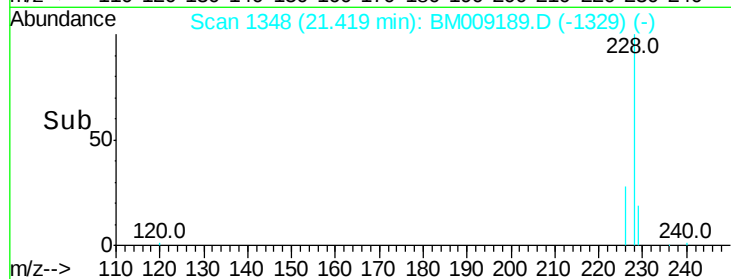
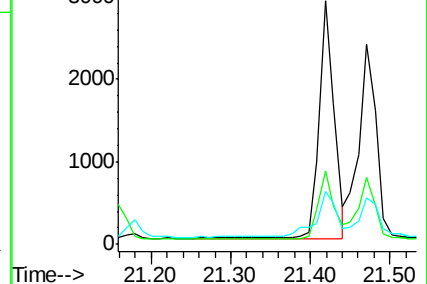
229 21.5 17.0 25.6



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: 0.94 ng/ul

RT: 21.47 min Scan# 1353

Delta R.T. -0.00 min

Lab File: BM009189.D

Acq: 10 Mar 2017 23:32

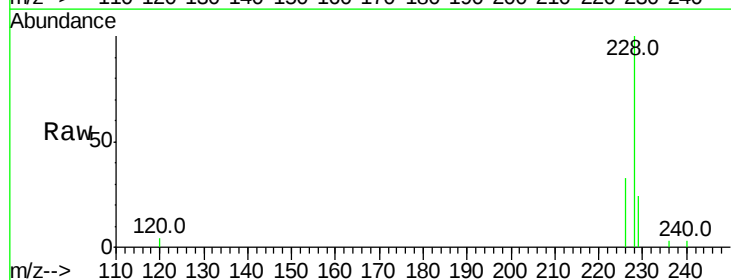
Tgt Ion:228 Resp: 3598

Ion Ratio Lower Upper

228 100

226 33.5 23.4 35.0

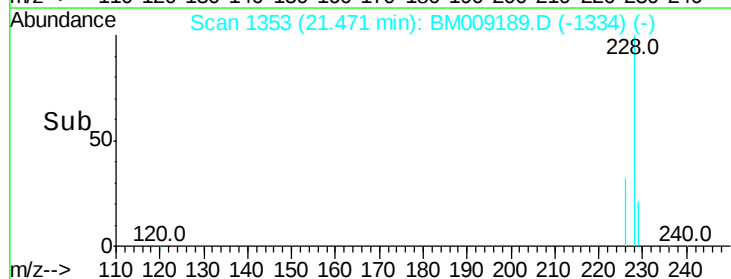
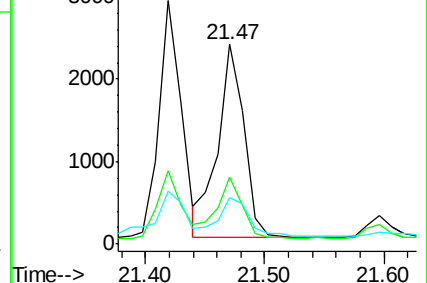
229 23.6 17.7 26.5

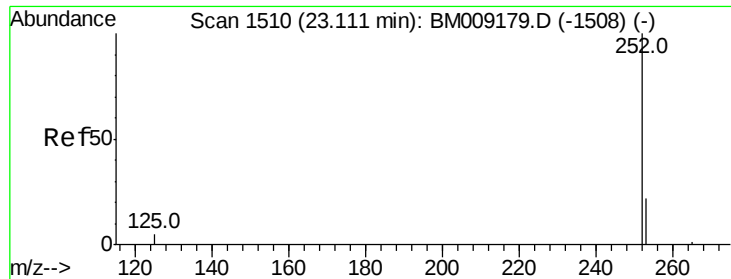


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#22

Benzo(k)fluoranthene

Concen: 0.03 ng/ul

RT: 23.07 min Scan# 1506

Delta R.T. -0.04 min

Lab File: BM009189.D

Acq: 10 Mar 2017 23:32

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C0AL3

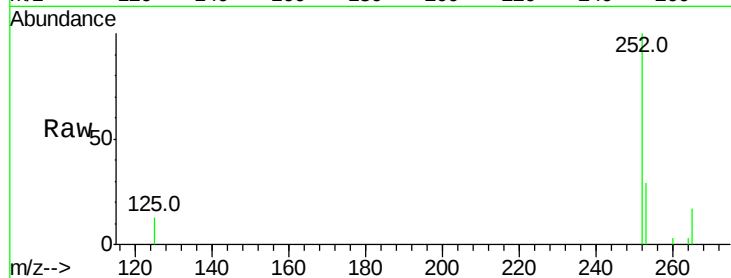
Tot Ion:252 Resp: 5657

Ion Ratio Lower Upper

252 100

253 29.5 24.5 36.7

125 13.3 13.7 20.5#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

