

Data Path : Z:\HPCHEM1\BNA M\DATA\BM030917\
 Data File : BM009158.D
 Acq On : 09 Mar 2017 22:45
 Operator : SJ/MA
 Sample : I2062-22
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AK8

Quant Time: Mar 10 03:17:40 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 10 03:16:46 2017
 Response via : Initial Calibration

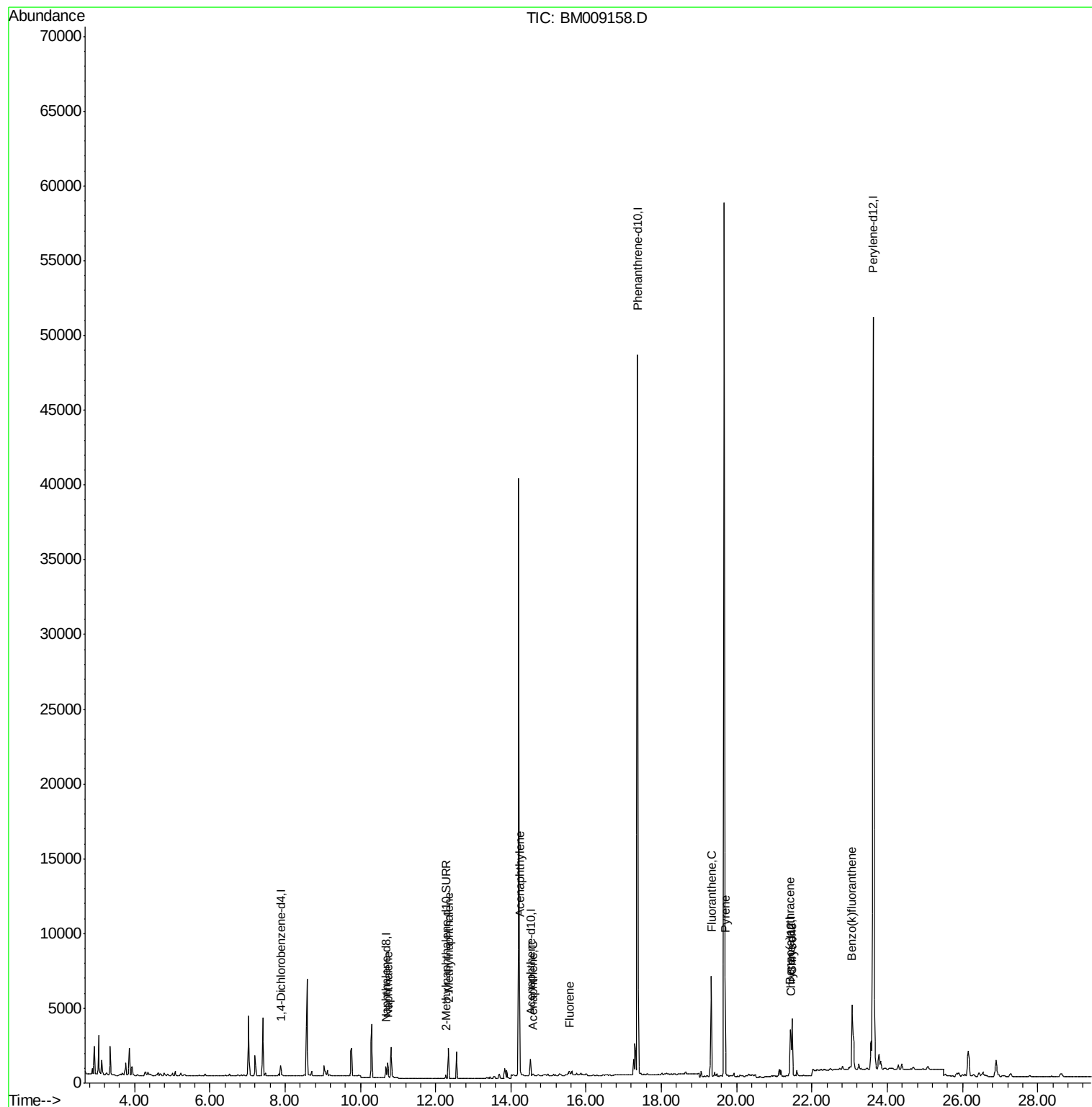
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	325	0.40	ng/ul	0.00
2) Naphthalene-d8	10.68	136	1008	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	597	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.36	188	60610	0.40	ng/ul	0.10
16) Chrysene-d12	21.44	240	1554	0.40	ng/ul	0.00
20) Perylene-d12	23.63	264	66648	0.40	ng/ul	-0.15
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	302	0.18	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	847	0.00	ng/ul	0.00
Target Compounds						
					Ovalue	
3) Naphthalene	10.73	128	1411	0.49	ng/ul	96
5) 2-Methylnaphthalene	12.34	142	1330	0.64	ng/ul	99
7) Acenaphthylene	14.23	152	269	0.09	ng/ul#	37
8) Acenaphthene	14.59	153	78	0.03	ng/ul#	81
9) Fluorene	15.56	166	142	0.05	ng/ul#	60
15) Fluoranthene	19.33	202	6808	0.03	ng/ul	95
17) Pyrene	19.69	202	5905	1.10	ng/ul	97
18) Benzo(a)anthracene	21.42	228	3101	0.60	ng/ul	95
19) Chrysene	21.47	228	4231	0.86	ng/ul	94
22) Benzo(k)fluoranthene	23.07	252	7743	0.03	ng/ul#	73

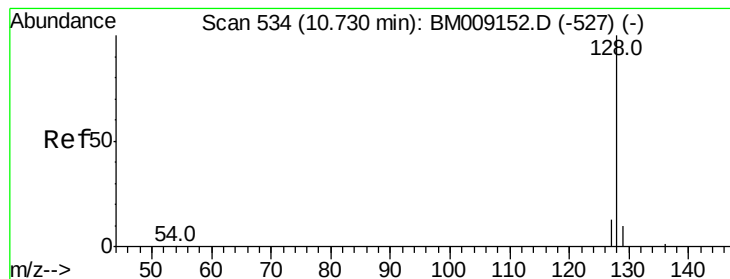
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.49 ng/ul

RT: 10.73 min Scan# 534

Delta R.T. 0.00 min

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Acq: 09 Mar 2017 22:45

Instrument :

BNA_M

ClientSampleId :

C0AK8

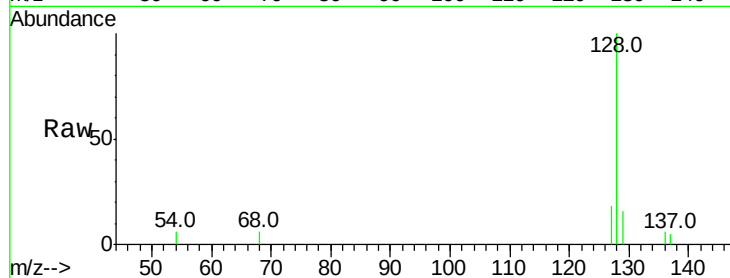
Tot Ion:128 Resp: 1411

Ion Ratio Lower Upper

128 100

129 15.6 11.3 16.9

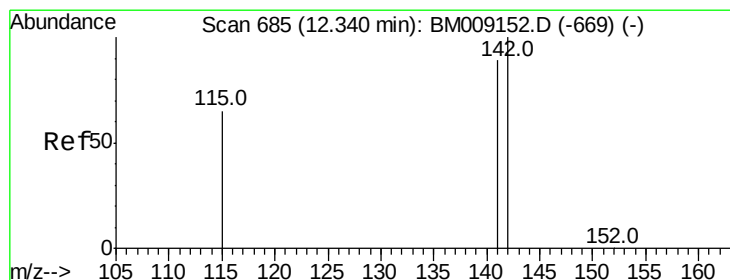
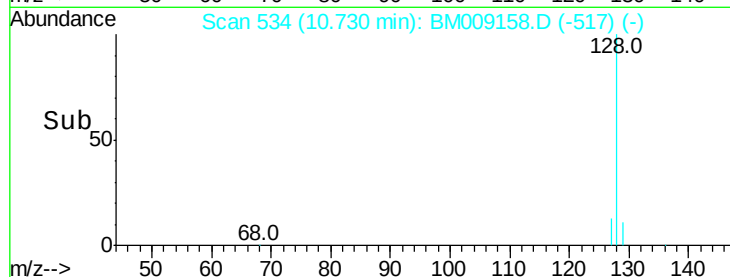
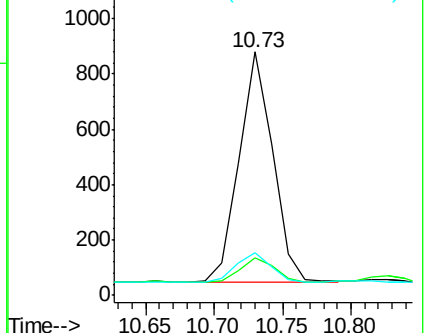
127 17.7 12.8 19.2



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: 0.64 ng/ul

RT: 12.34 min Scan# 685

Delta R.T. 0.00 min

Lab File: BM009158.D

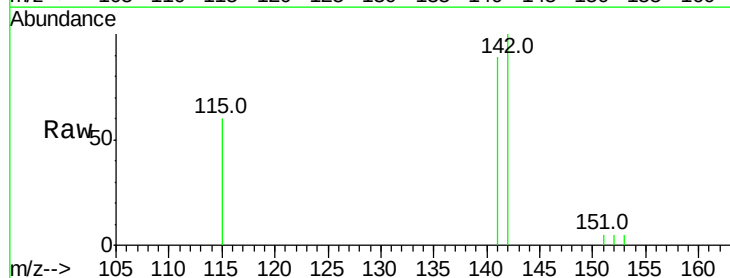
Acq: 09 Mar 2017 22:45

Tgt Ion:142 Resp: 1330

Ion Ratio Lower Upper

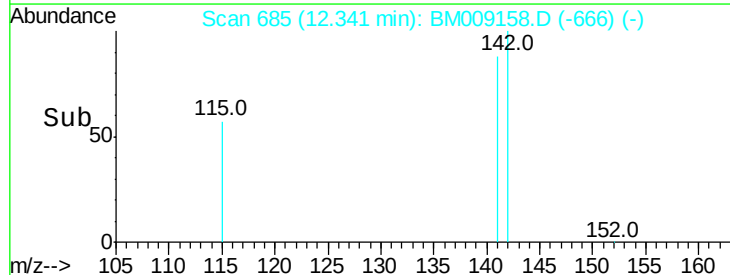
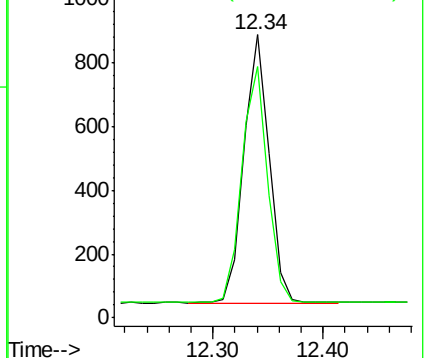
142 100

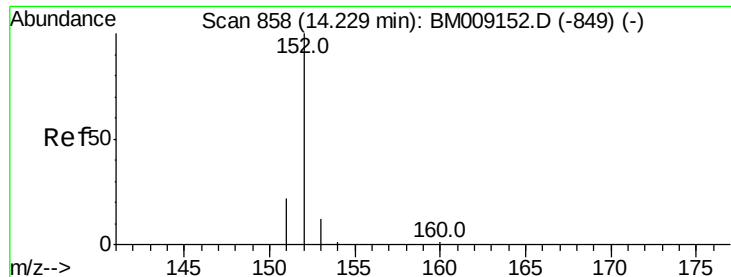
141 89.8 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.09 ng/ul

RT: 14.23 min Scan# 858

Delta R.T. 0.00 min

Lab File: BM009158.D

Acq: 09 Mar 2017 22:45

Instrument :

BNA_M

ClientSampleId :

C0AK8

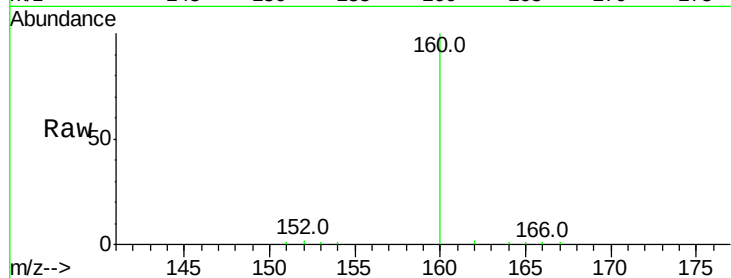
Tot Ion:152 Resp: 269

Ion Ratio Lower Upper

152 100

151 47.8 17.1 25.7#

153 47.2 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

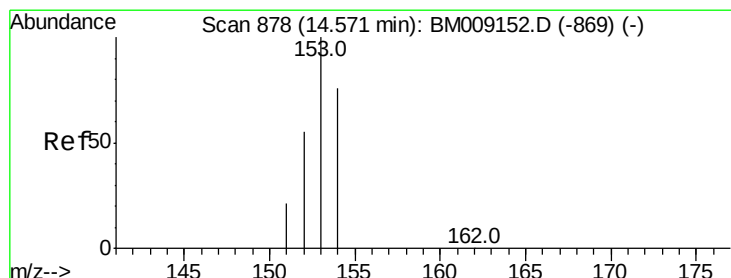
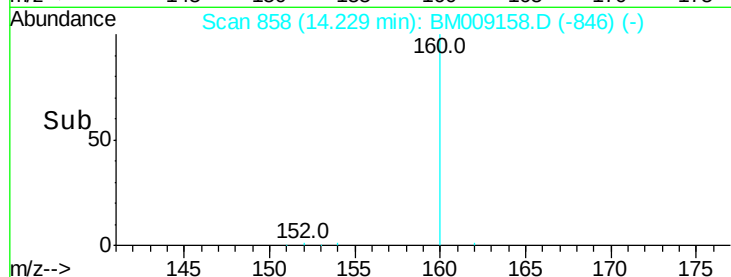
100

50

0

14.10 14.20 14.30 14.40

Time-->



#8

Acenaphthene

Concen: 0.03 ng/ul

RT: 14.59 min Scan# 879

Delta R.T. 0.02 min

Lab File: BM009158.D

Acq: 09 Mar 2017 22:45

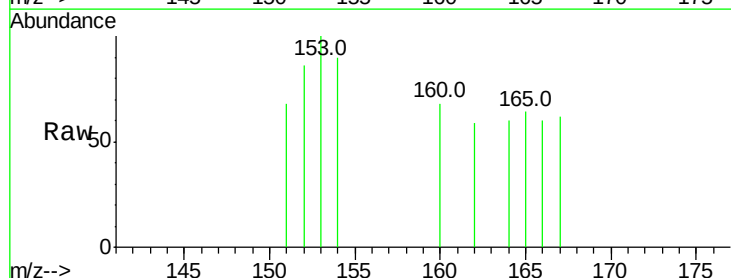
Tgt Ion:153 Resp: 78

Ion Ratio Lower Upper

153 100

152 86.4 40.3 60.5#

154 90.1 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

100

80

60

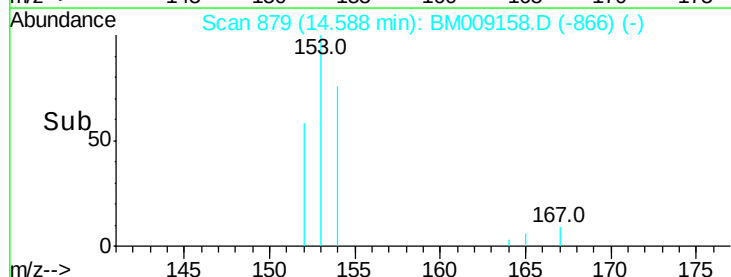
40

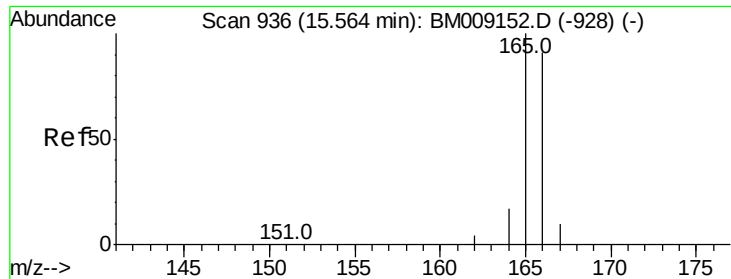
20

0

14.50 14.55 14.60 14.65

Time-->





#9

Fluorene

Concen: 0.05 ng/ul

RT: 15.56 min Scan# 936

Delta R.T. 0.00 min

Lab File: BM009158.D

Acq: 09 Mar 2017 22:45

Instrument :

BNA_M

ClientSampleId :

C0AK8

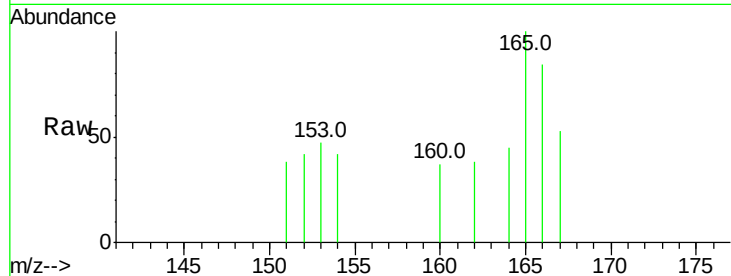
Tot Ion:166 Resp: 142

Ion Ratio Lower Upper

166 100

165 118.8 73.4 110.2#

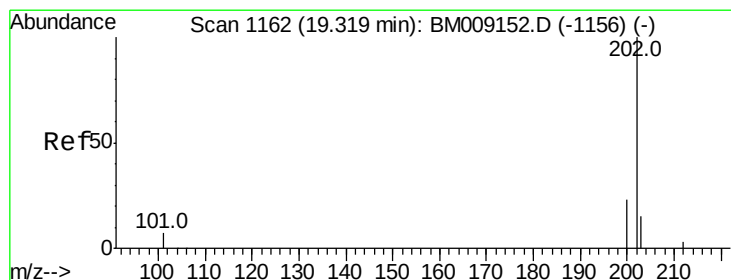
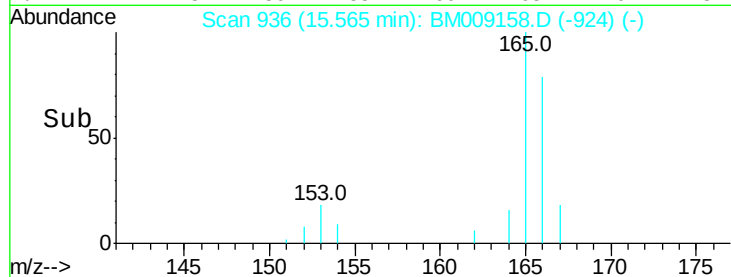
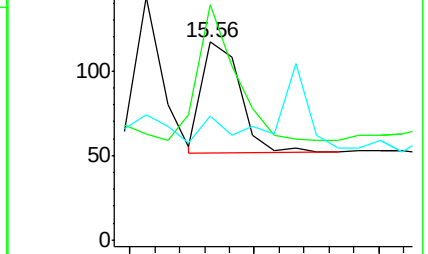
167 62.4 14.6 22.0#



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



#15

Fluoranthene

Concen: 0.03 ng/ul

RT: 19.33 min Scan# 1163

Delta R.T. 0.01 min

Lab File: BM009158.D

Acq: 09 Mar 2017 22:45

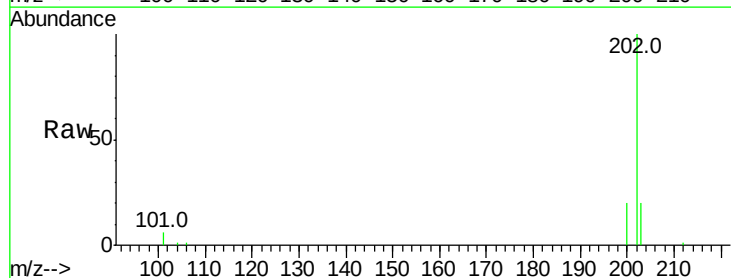
Tgt Ion:202 Resp: 6808

Ion Ratio Lower Upper

202 100

101 5.5 0.0 30.3

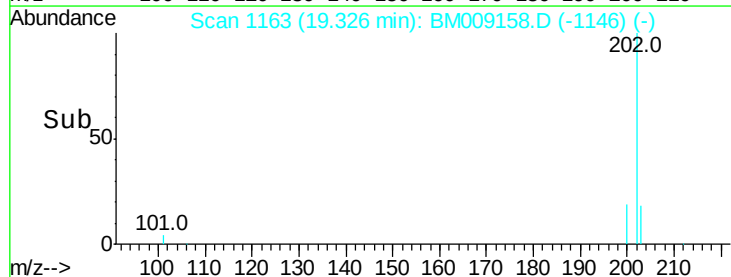
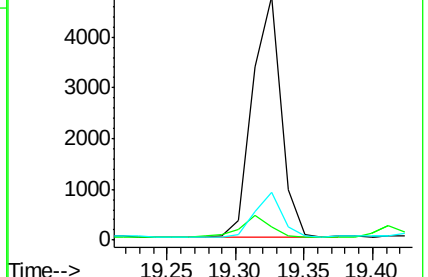
203 19.7 0.0 39.5

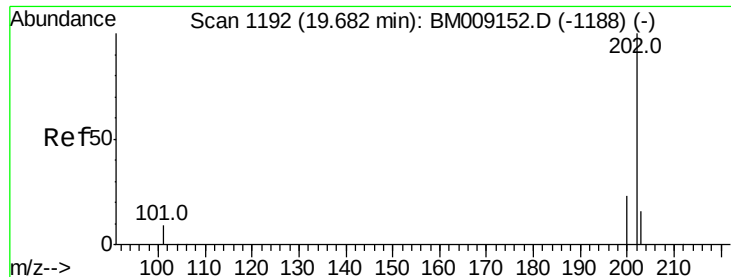


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#17

Pvrene

Concen: 1.10 ng/ul

RT: 19.69 min Scan# 1193

Delta R.T. 0.01 min

Lab File: BM009158.D

Acq: 09 Mar 2017 22:45

Instrument :

BNA_M

ClientSampleId :

C0AK8

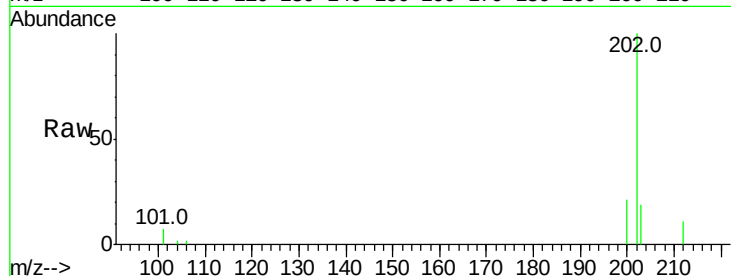
Tot Ion:202 Resp: 5905

Ion Ratio Lower Upper

202 100

200 20.7 18.2 27.4

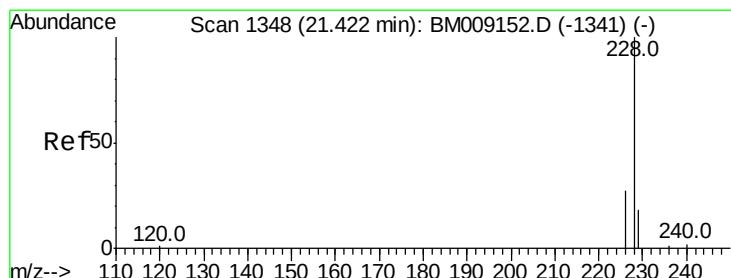
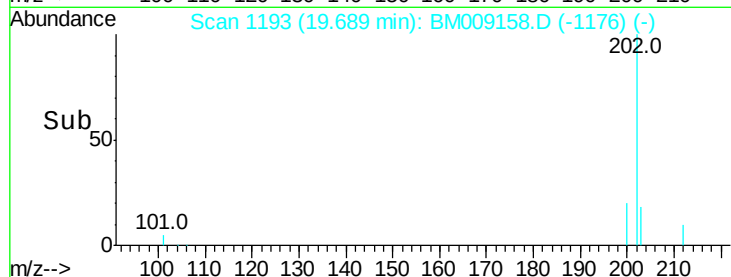
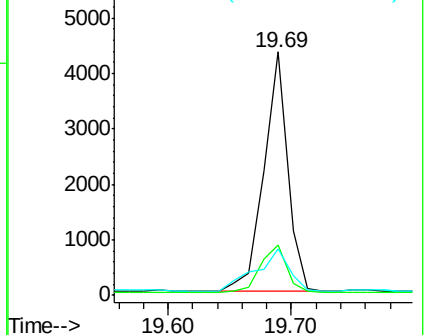
203 19.2 15.6 23.4



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: 0.60 ng/ul

RT: 21.42 min Scan# 1348

Delta R.T. -0.00 min

Lab File: BM009158.D

Acq: 09 Mar 2017 22:45

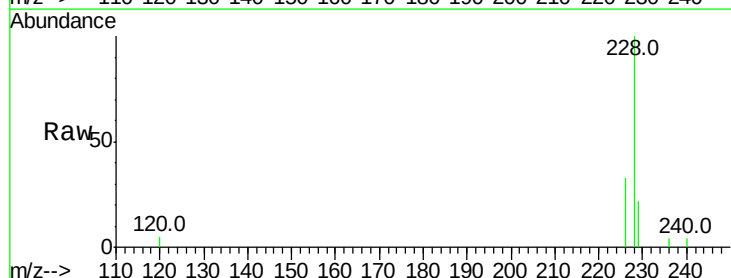
Tgt Ion:228 Resp: 3101

Ion Ratio Lower Upper

228 100

226 32.8 22.8 34.2

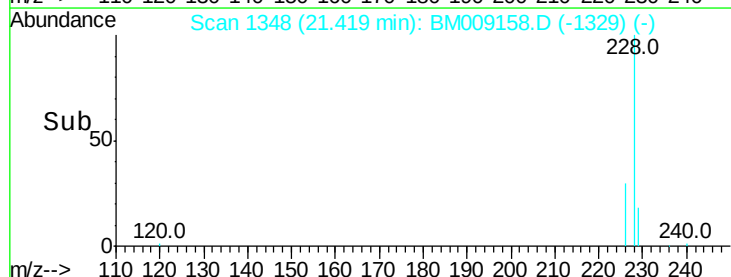
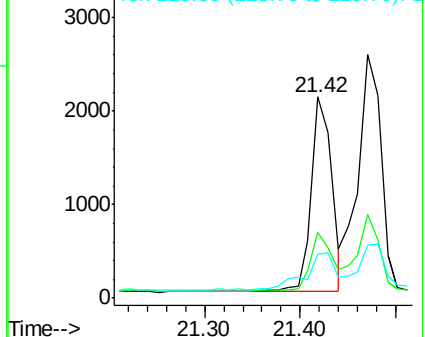
229 21.7 17.0 25.6

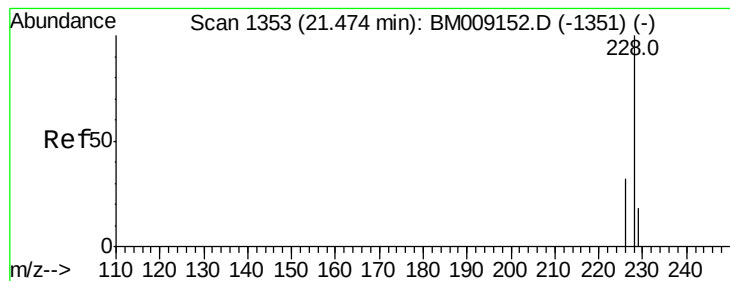


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#19

Chrysene

Concen: 0.86 ng/ul

RT: 21.47 min Scan# 1353

Delta R.T. -0.00 min

Lab File: BM009158.D

Acq: 09 Mar 2017 22:45

Instrument :

BNA_M

ClientSampleId :

C0AK8

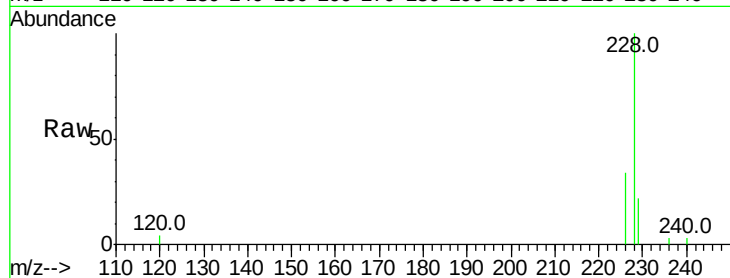
Tot Ion:228 Resp: 4231

Ion Ratio Lower Upper

228 100

226 34.4 23.4 35.0

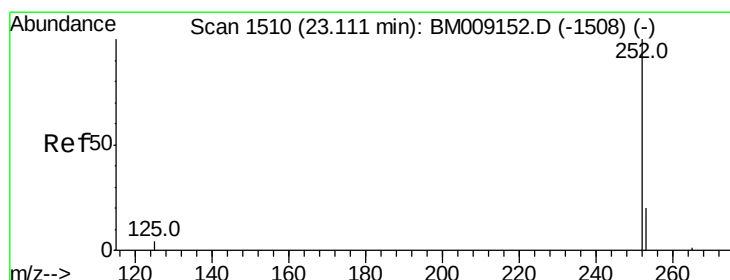
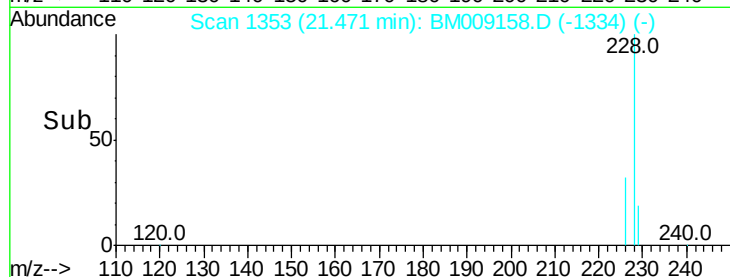
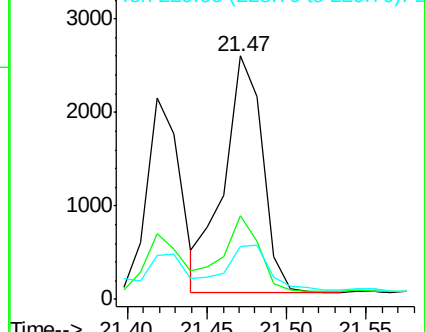
229 21.8 17.7 26.5



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: BM009158.D

Acq: 09 Mar 2017 22:45

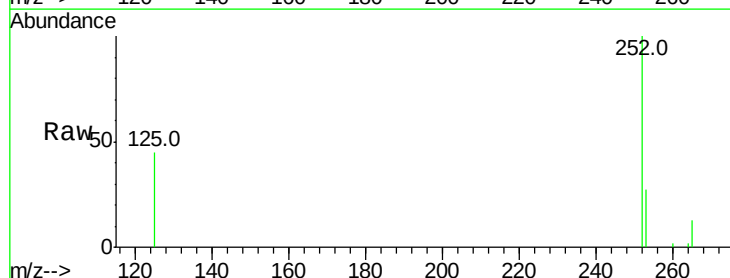
Tgt Ion:252 Resp: 7743

Ion Ratio Lower Upper

252 100

253 26.9 24.5 36.7

125 44.9 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

