

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031017\
 Data File : BM009196.D
 Acq On : 11 Mar 2017 03:43
 Operator : SJ/MA
 Sample : I2072-06
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AK1

Quant Time: Mar 11 04:26:24 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 02:23:19 2017
 Response via : Initial Calibration

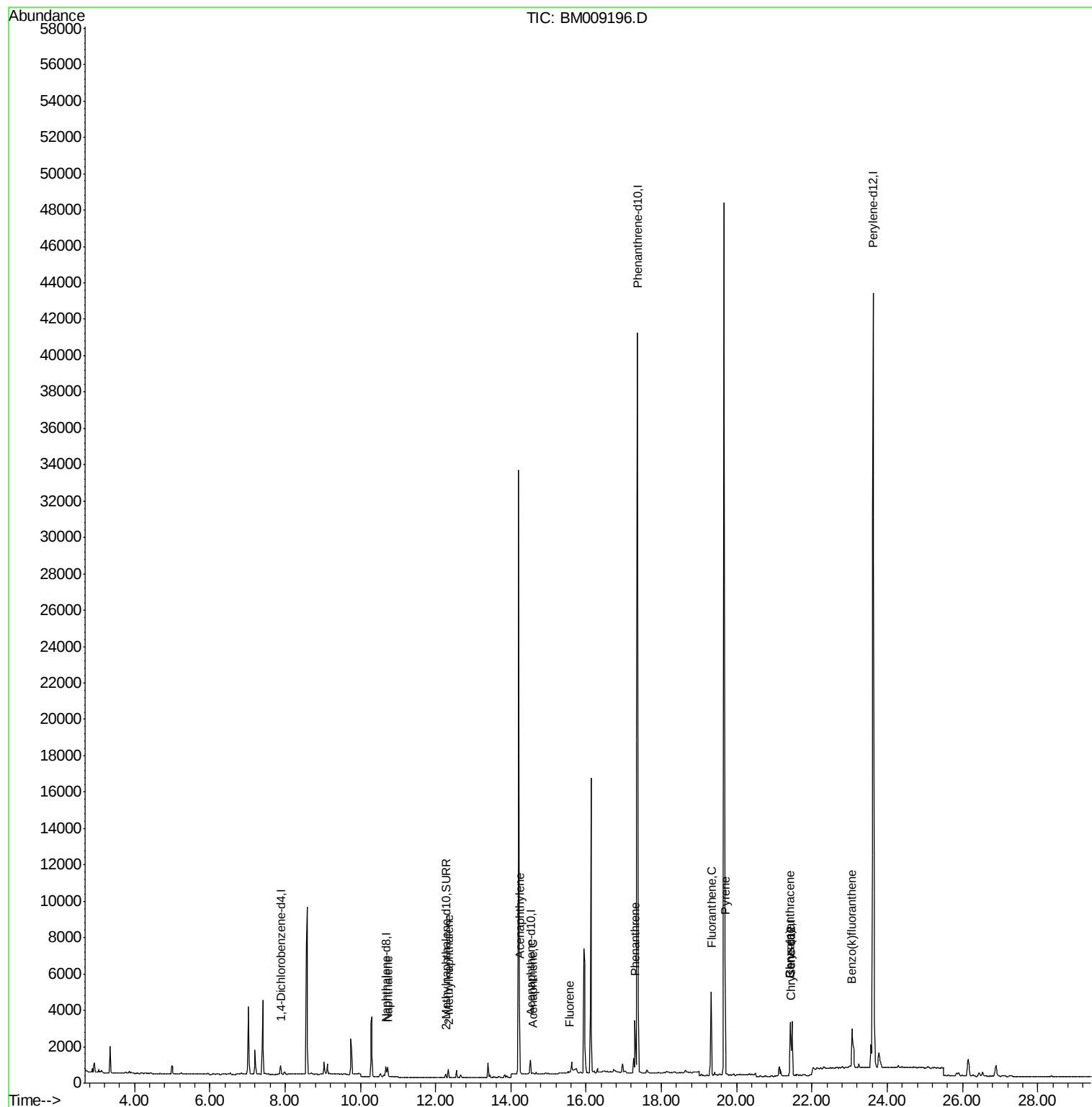
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	225	0.40	ng/ul	0.00
2) Naphthalene-d8	10.68	136	752	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	437	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.36	188	54379	0.40	ng/ul	0.10
16) Chrysene-d12	21.44	240	1144	0.40	ng/ul	0.00
20) Perylene-d12	23.63	264	54228	0.40	ng/ul	-0.15
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	260	0.21	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	690	0.00	ng/ul	0.00
Target Compounds						
					Ovalue	
3) Naphthalene	10.73	128	472	0.22	ng/ul#	75
5) 2-Methylnaphthalene	12.34	142	314	0.20	ng/ul	99
7) Acenaphthylene	14.23	152	63	0.03	ng/ul#	1
8) Acenaphthene	14.57	153	39	0.02	ng/ul#	82
9) Fluorene	15.56	166	47	0.02	ng/ul#	56
12) Phenanthrene	17.30	178	3671	0.02	ng/ul	98
15) Fluoranthene	19.33	202	5179	0.02	ng/ul	93
17) Pyrene	19.69	202	6675	1.70	ng/ul	96
18) Benzo(a)anthracene	21.42	228	2650	0.70	ng/ul	96
19) Chrysene	21.42	228	2650	0.73	ng/ul	97
22) Benzo(k)fluoranthene	23.07	252	4790	0.03	ng/ul#	93

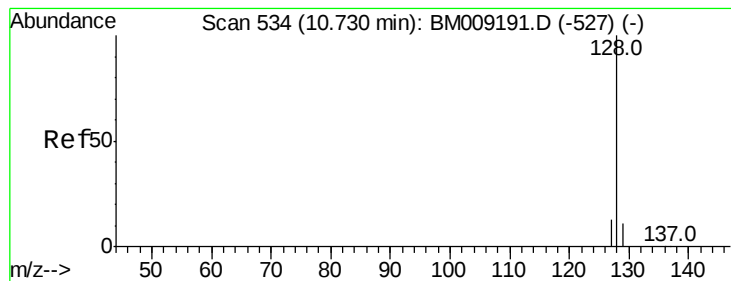
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.22 ng/ul

RT: 10.73 min Scan# 534

Delta R.T. -0.00 min

Lab File: BM009196.D

Acq: 11 Mar 2017 03:43

Instrument :

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ClientSampleId :

C0AK1

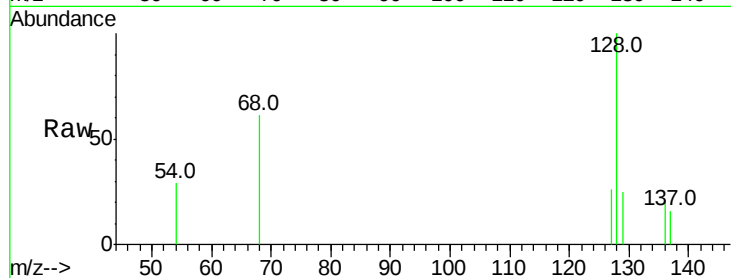
Tot Ion:128 Resp: 472

Ion Ratio Lower Upper

128 100

129 25.2 11.3 16.9#

127 25.8 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

10.73

300

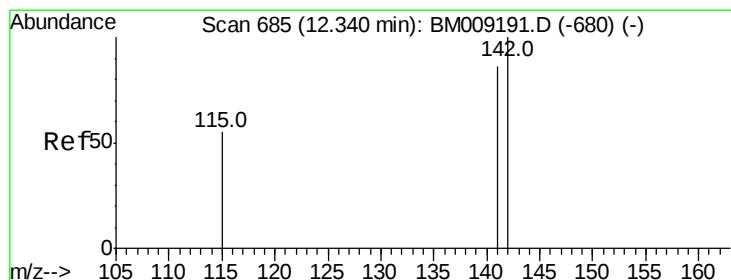
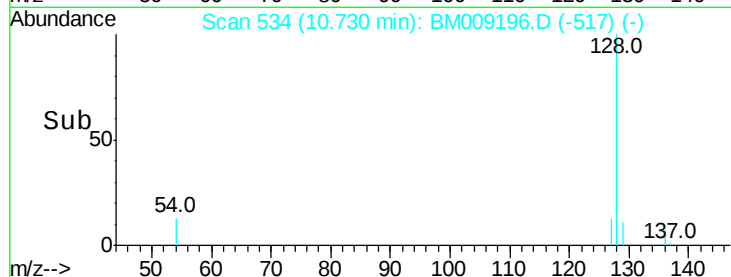
200

100

0

10.70 10.80

Time-->



#5

2-Methylnaphthalene

Concen: 0.20 ng/ul

RT: 12.34 min Scan# 685

Delta R.T. -0.00 min

Lab File: BM009196.D

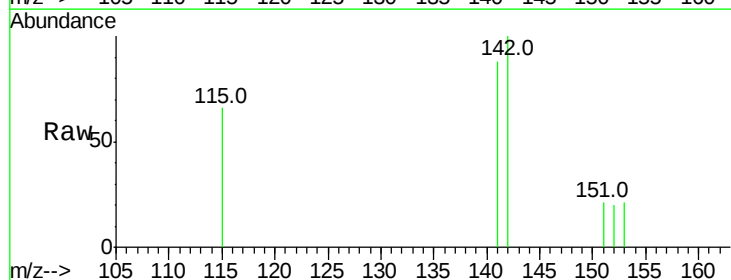
Acq: 11 Mar 2017 03:43

Tgt Ion:142 Resp: 314

Ion Ratio Lower Upper

142 100

141 91.7 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

12.34

250

200

150

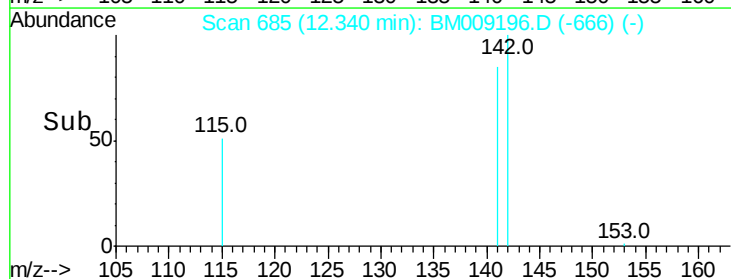
100

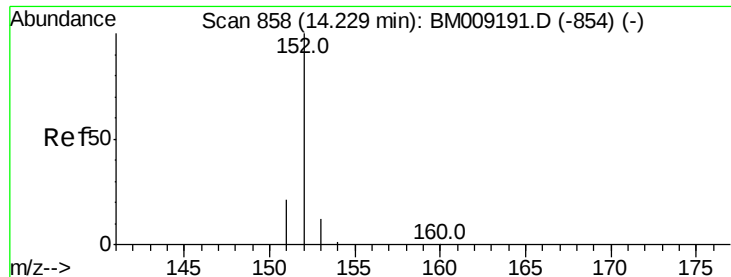
50

0

12.20 12.40

Time-->





#7

Acenaphthylene

Concen: 0.03 ng/ul

RT: 14.23 min Scan# 858

Delta R.T. -0.00 min

Lab File: BM009196.D

Acq: 11 Mar 2017 03:43

Instrument :

BNA_M

ClientSampleId :

C0AK1

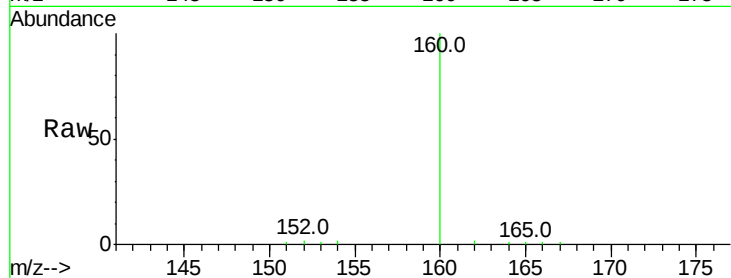
Tot Ion:152 Resp: 63

Ion Ratio Lower Upper

152 100

151 71.2 17.1 25.7#

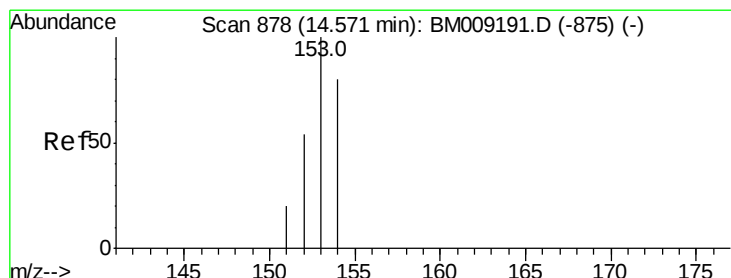
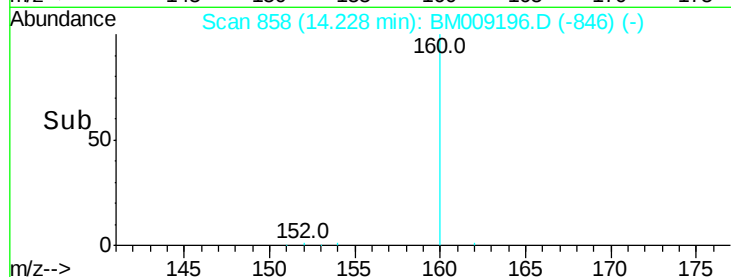
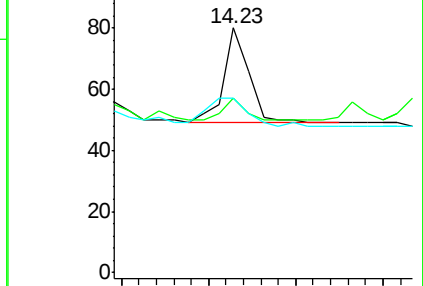
153 71.2 12.8 19.2#



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



#8

Acenaphthene

Concen: 0.02 ng/ul

RT: 14.57 min Scan# 878

Delta R.T. -0.00 min

Lab File: BM009196.D

Acq: 11 Mar 2017 03:43

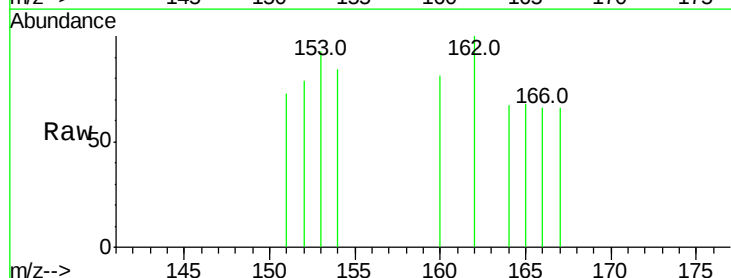
Tgt Ion:153 Resp: 39

Ion Ratio Lower Upper

153 100

152 85.3 40.3 60.5#

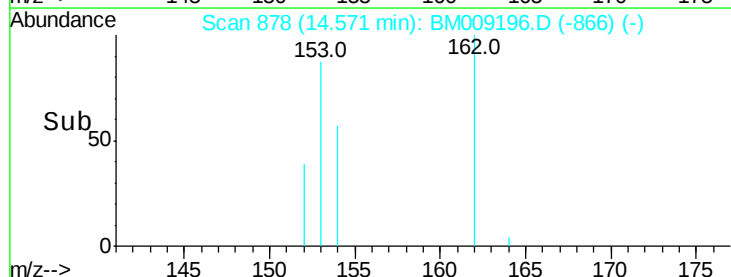
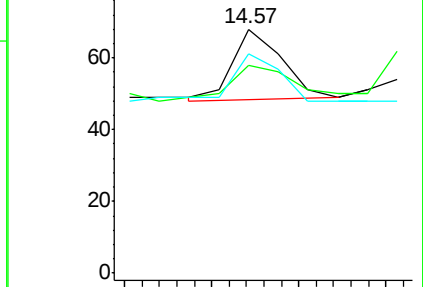
154 89.7 71.4 107.2

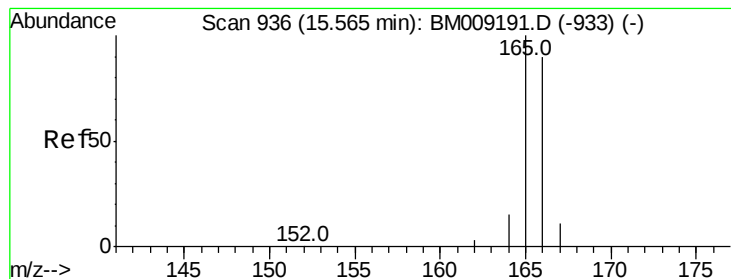


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.02 ng/ul

RT: 15.56 min Scan# 936

Delta R.T. -0.00 min

Lab File: BM009196.D

Acq: 11 Mar 2017 03:43

Instrument :

BNA_M

ClientSampleId :

C0AK1

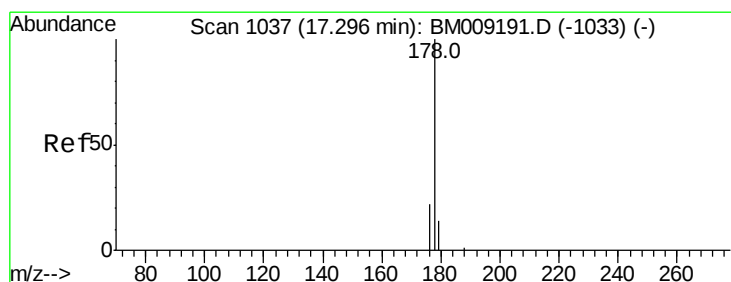
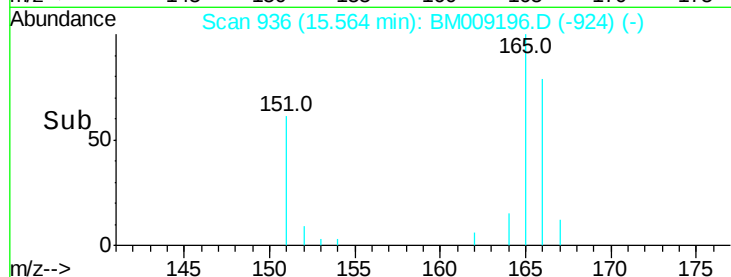
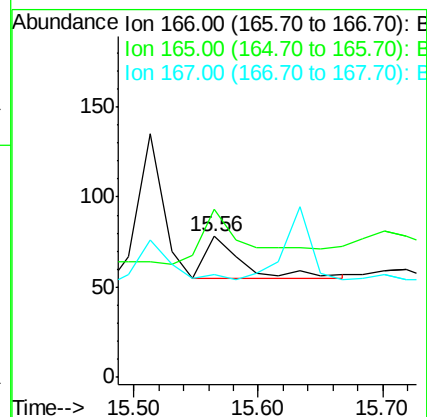
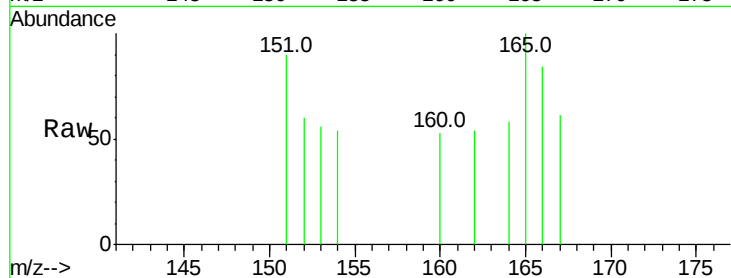
Tot Ion:166 Resp: 47

Ion Ratio Lower Upper

166 100

165 119.2 73.4 110.2#

167 73.1 14.6 22.0#



#12

Phenanthrene

Concen: 0.02 ng/ul

RT: 17.30 min Scan# 1037

Delta R.T. -0.00 min

Lab File: BM009196.D

Acq: 11 Mar 2017 03:43

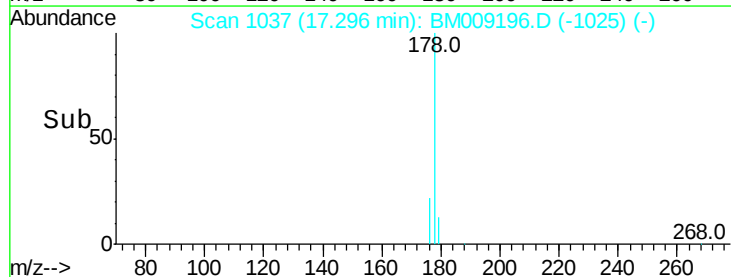
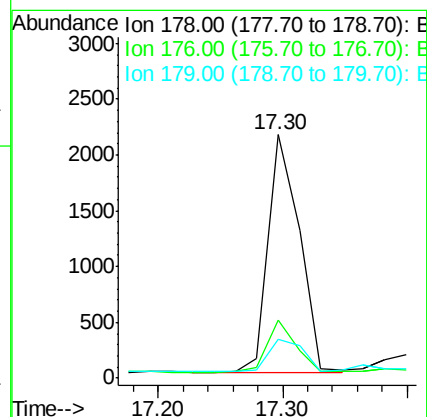
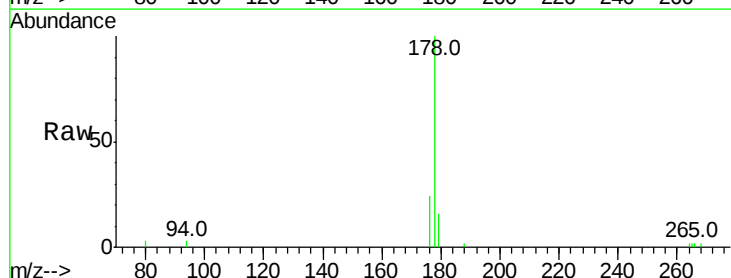
Tgt Ion:178 Resp: 3671

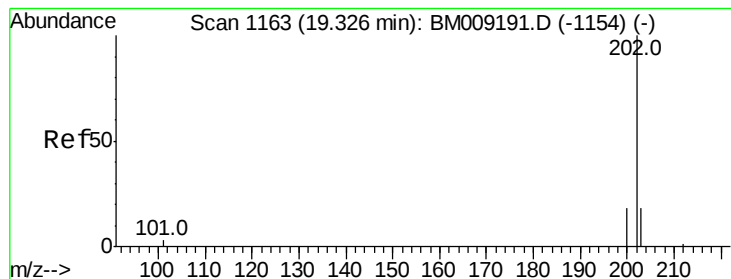
Ion Ratio Lower Upper

178 100

176 24.1 18.4 27.6

179 15.8 13.6 20.4





#15

Fluoranthene

Concen: 0.02 ng/ul

RT: 19.33 min Scan# 1163

Delta R.T. -0.00 min

Lab File: BM009196.D

Acq: 11 Mar 2017 03:43

Instrument :

BNA_M

ClientSampleId :

C0AK1

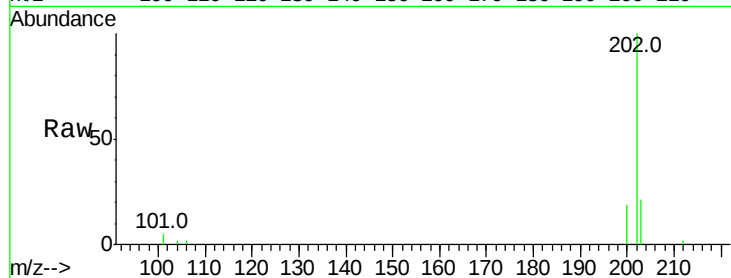
Tot Ion:202 Resp: 5179

Ion Ratio Lower Upper

202 100

101 5.0 0.0 30.3

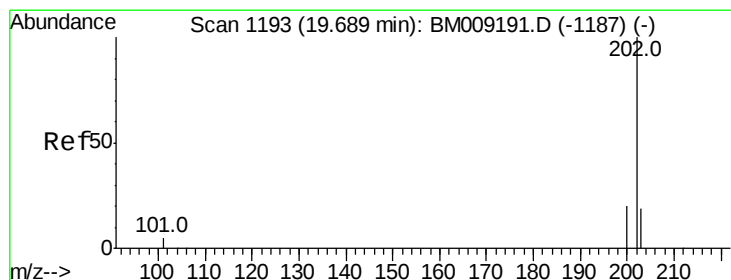
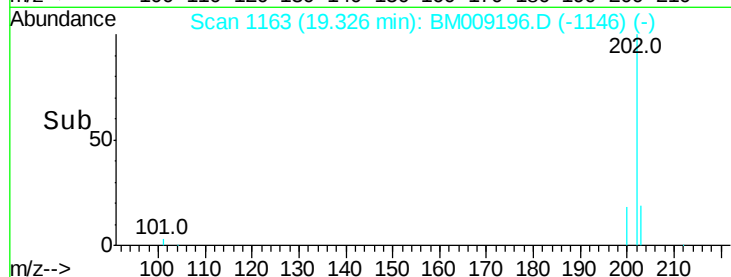
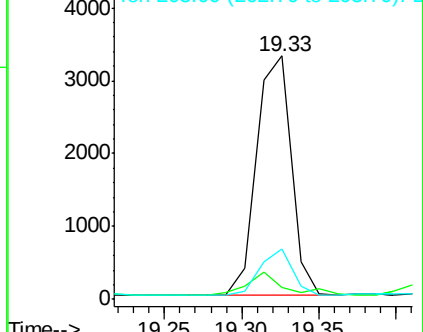
203 20.7 0.0 39.5



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

Pyrene

Concen: 1.70 ng/ul

RT: 19.69 min Scan# 1193

Delta R.T. -0.00 min

Lab File: BM009196.D

Acq: 11 Mar 2017 03:43

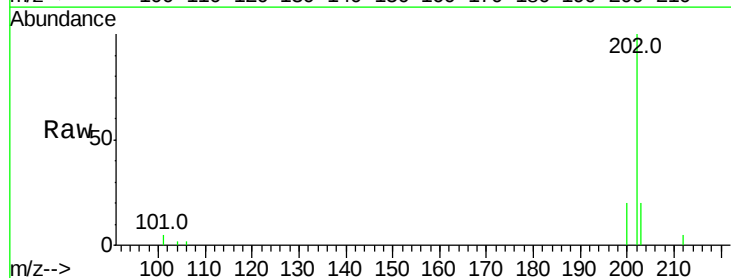
Tgt Ion:202 Resp: 6675

Ion Ratio Lower Upper

202 100

200 19.6 18.2 27.4

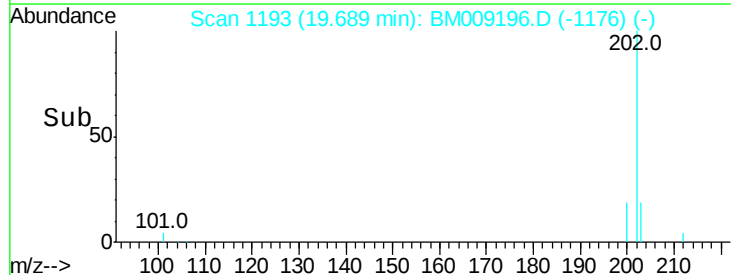
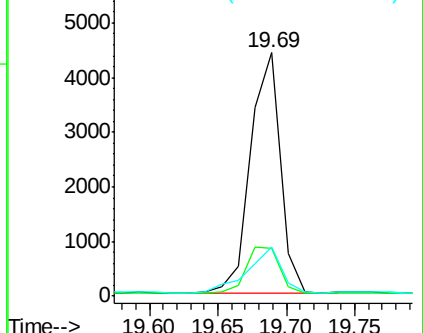
203 20.2 15.6 23.4

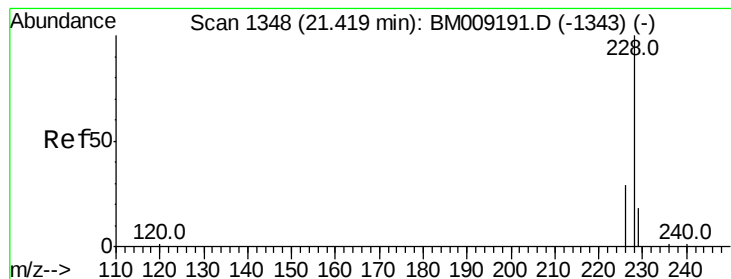


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#18

Benzo(a)anthracene

Concen: 0.70 ng/ul

RT: 21.42 min Scan# 1348

Delta R.T. -0.00 min

Lab File: BM009196.D

Acq: 11 Mar 2017 03:43

Instrument :

BNA_M

ClientSampleId :

C0AK1

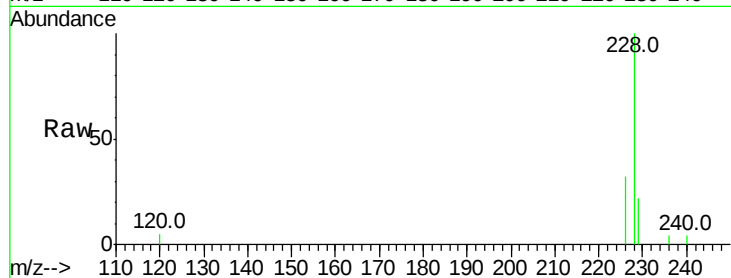
Tot Ion:228 Resp: 2650

Ion Ratio Lower Upper

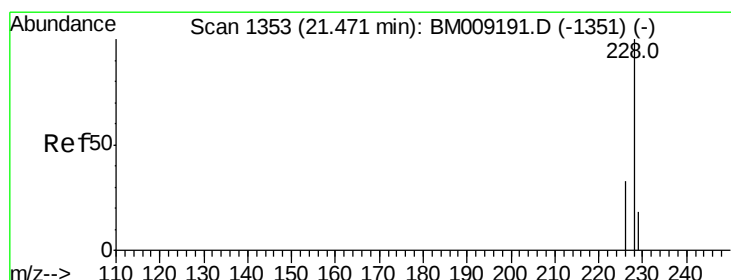
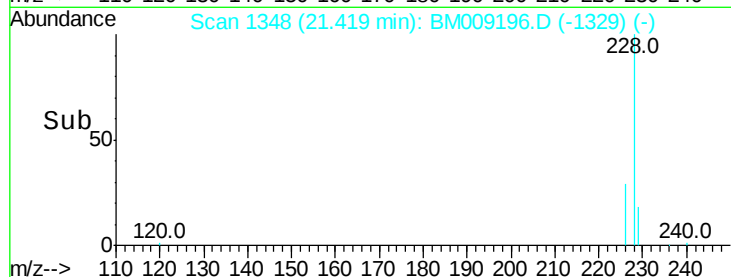
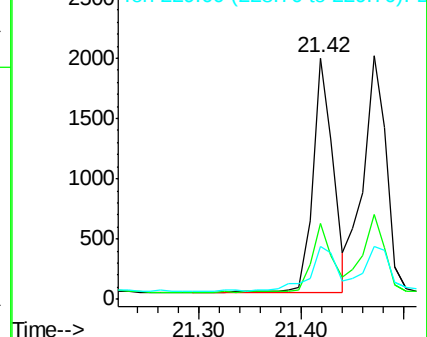
228 100

226 31.6 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: 0.73 ng/ul

RT: 21.42 min Scan# 1348

Delta R.T. -0.05 min

Lab File: BM009196.D

Acq: 11 Mar 2017 03:43

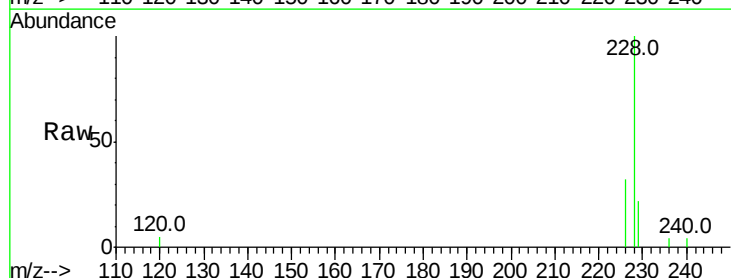
Tgt Ion:228 Resp: 2650

Ion Ratio Lower Upper

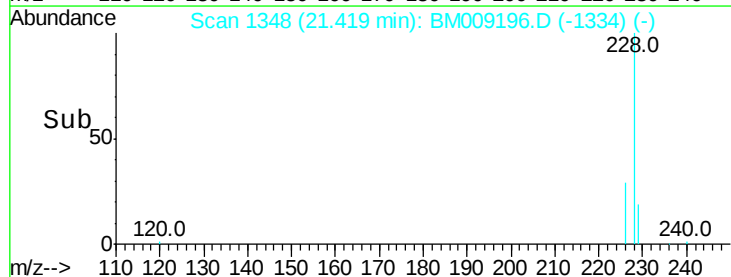
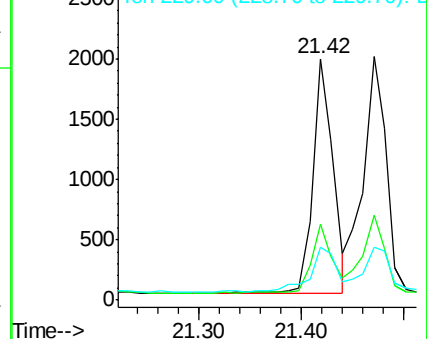
228 100

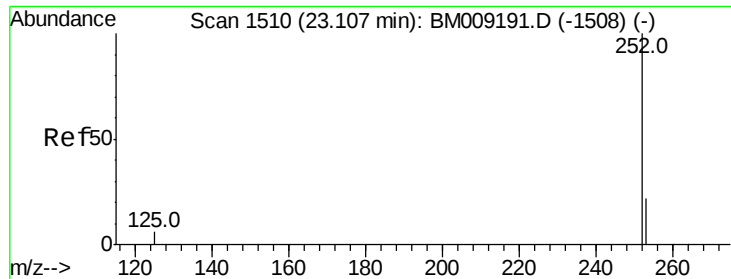
226 31.6 23.4 35.0

229 21.7 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: BM009196.D

Acq: 11 Mar 2017 03:43

Instrument :

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ClientSampleId :

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Tot Ion: 252 Resp: 4790

Ion Ratio Lower Upper

252 100

253 30.7 24.5 36.7

125 25.3 13.7 20.5#

