

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031017\
 Data File : BM009198.D
 Acq On : 11 Mar 2017 04:54
 Operator : SJ/MA
 Sample : I2072-08
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 11 05:31:40 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 11 02:23:19 2017
 Response via : Initial Calibration

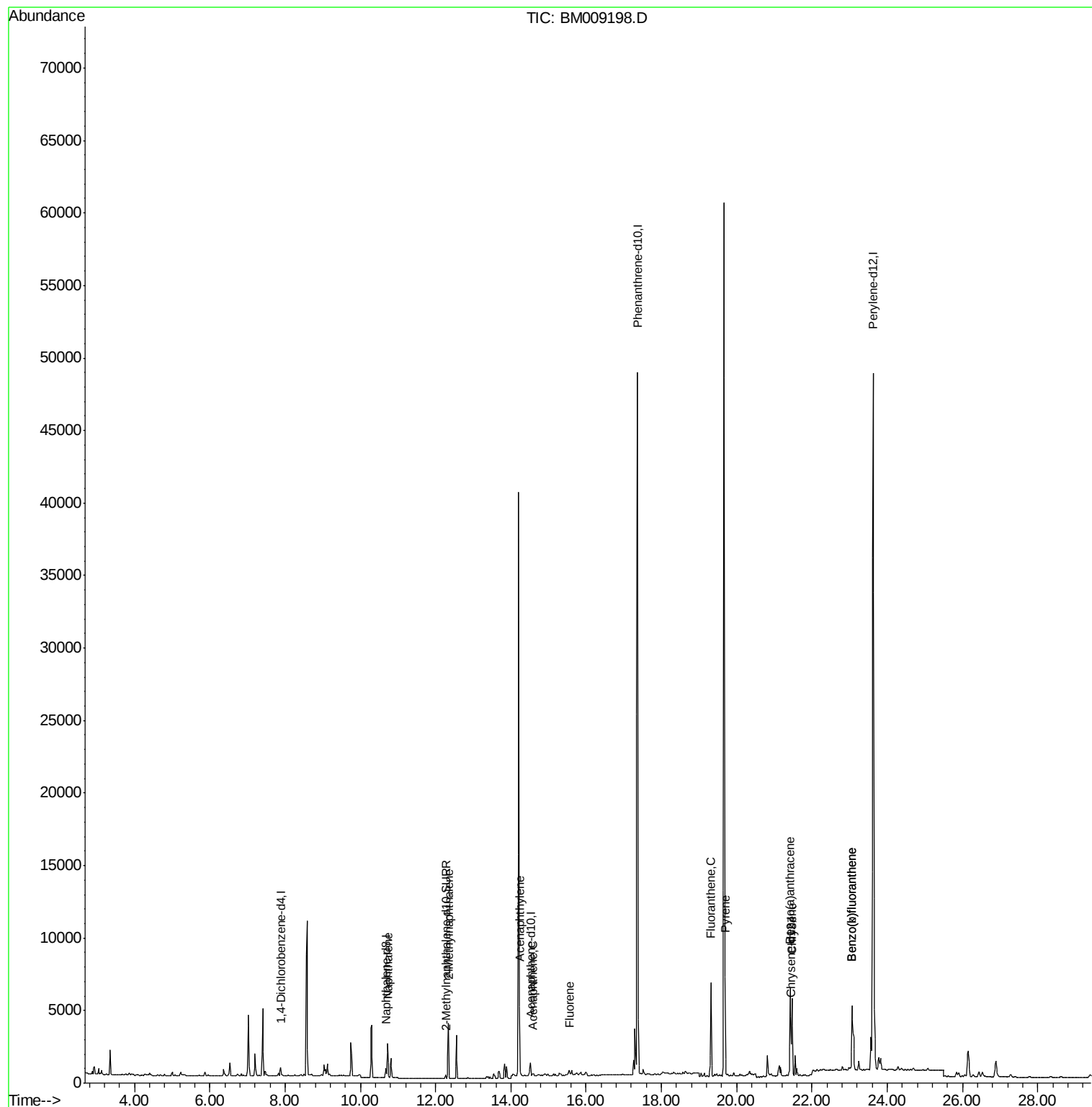
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	266	0.40	ng/ul	0.00
2) Naphthalene-d8	10.68	136	875	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	547	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.36	188	66997	0.40	ng/ul	0.10
16) Chrysene-d12	21.44	240	1299	0.40	ng/ul	0.00
20) Perylene-d12	23.63	264	62492	0.40	ng/ul	-0.15
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	322	0.22	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	850	0.00	ng/ul	0.00
Target Compounds						
					Ovalue	
3) Naphthalene	10.73	128	3315	1.31	ng/ul	98
5) 2-Methylnaphthalene	12.34	142	2665	1.47	ng/ul	99
7) Acenaphthylene	14.23	152	368	0.13	ng/ul#	54
8) Acenaphthene	14.57	153	121	0.06	ng/ul#	84
9) Fluorene	15.56	166	115	0.04	ng/ul#	60
15) Fluoranthene	19.31	202	6833	0.02	ng/ul	96
17) Pyrene	19.69	202	7662	1.71	ng/ul	96
18) Benzo(a)anthracene	21.42	228	5330	1.23	ng/ul	98
19) Chrysene	21.47	228	5352	1.31	ng/ul	95
21) Benzo(b)fluoranthene	23.07	252	5942	0.02	ng/ul	94
22) Benzo(k)fluoranthene	23.07	252	9949	0.05	ng/ul	96

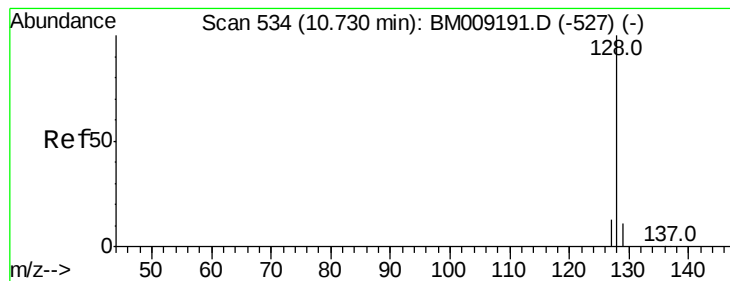
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 1.31 ng/ul

RT: 10.73 min Scan# 534

Delta R.T. -0.00 min

Lab File: BM009198.D

Acq: 11 Mar 2017 04:54

Instrument :

BNA_M

ClientSampleId :

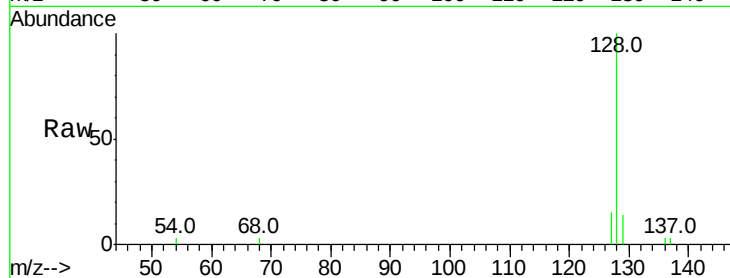
Tot Ion:128 Resp: 3315

Ion Ratio Lower Upper

128 100

129 13.7 11.3 16.9

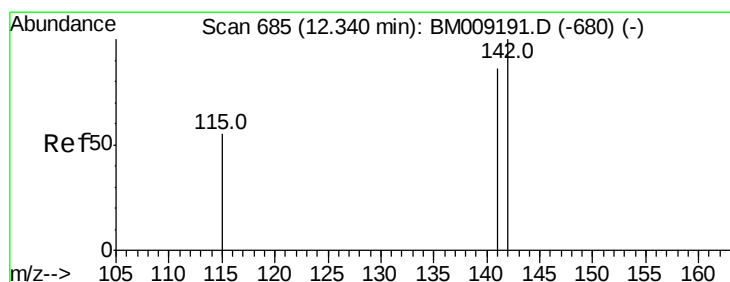
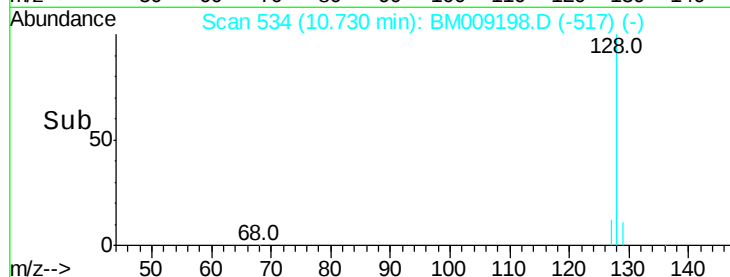
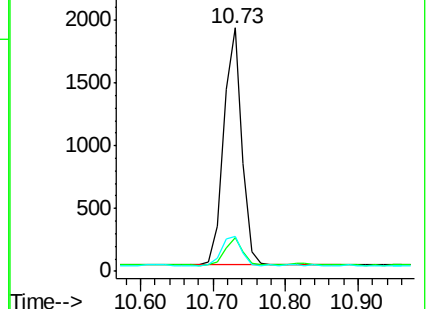
127 14.6 12.8 19.2



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: 1.47 ng/ul

RT: 12.34 min Scan# 685

Delta R.T. -0.00 min

Lab File: BM009198.D

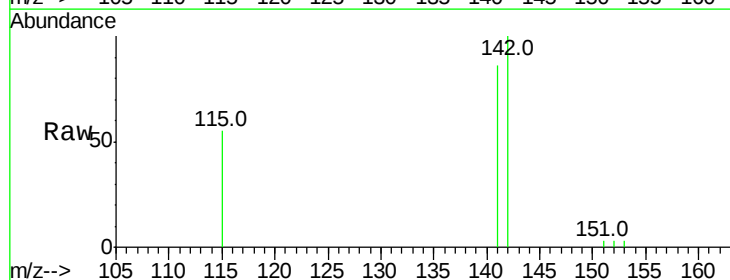
Acq: 11 Mar 2017 04:54

Tgt Ion:142 Resp: 2665

Ion Ratio Lower Upper

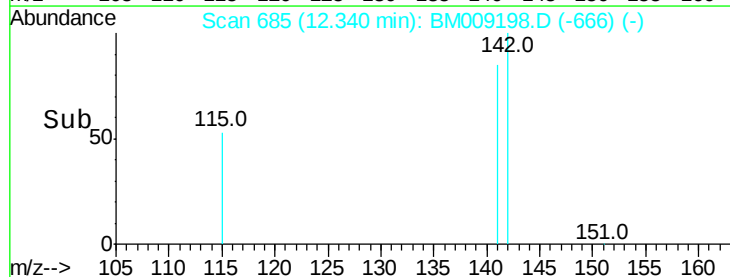
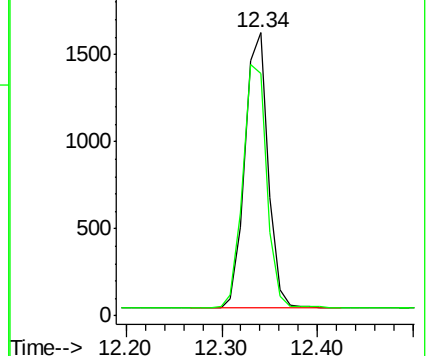
142 100

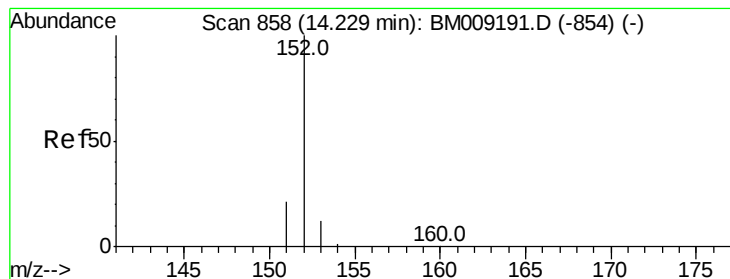
141 91.2 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.13 ng/ul

RT: 14.23 min Scan# 858

Delta R.T. -0.00 min

Lab File: BM009198.D

Acq: 11 Mar 2017 04:54

Instrument :

BNA_M

ClientSampleId :

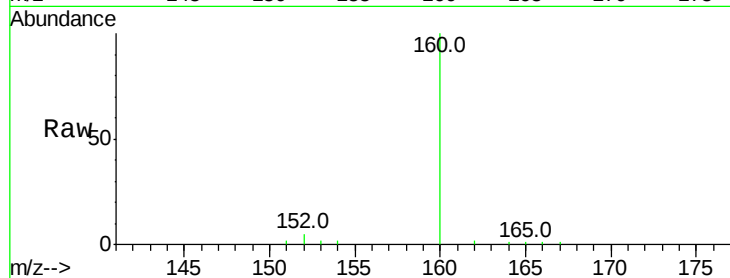
Tot Ion:152 Resp: 368

Ion Ratio Lower Upper

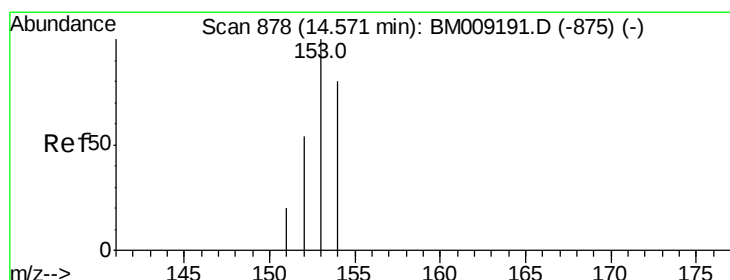
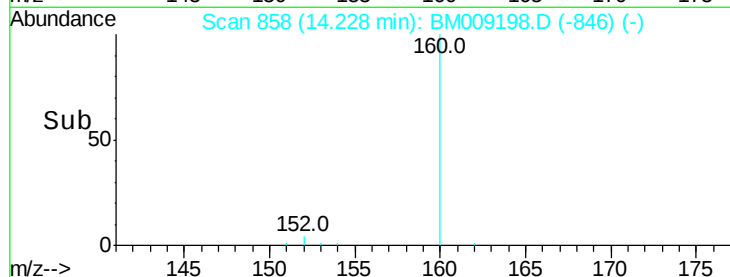
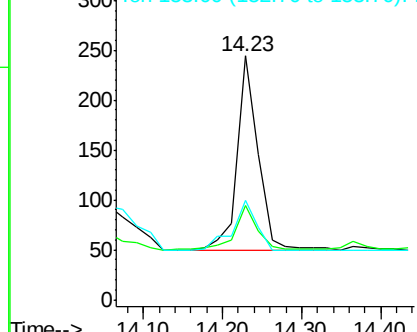
152 100

151 38.9 17.1 25.7#

153 41.0 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: 0.06 ng/ul

RT: 14.57 min Scan# 878

Delta R.T. -0.00 min

Lab File: BM009198.D

Acq: 11 Mar 2017 04:54

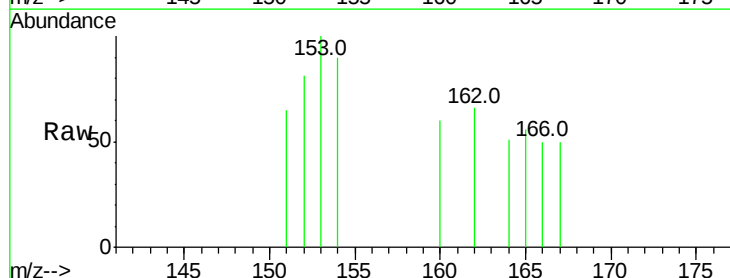
Tgt Ion:153 Resp: 121

Ion Ratio Lower Upper

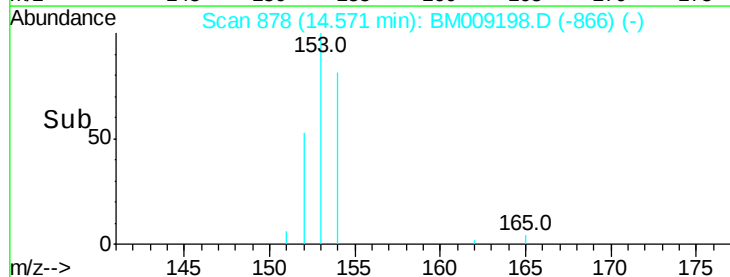
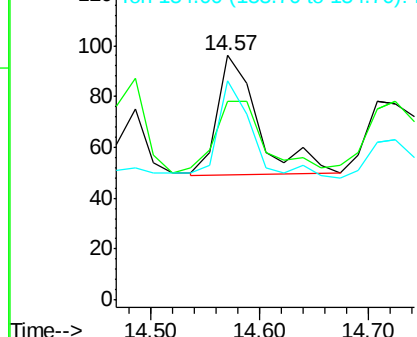
153 100

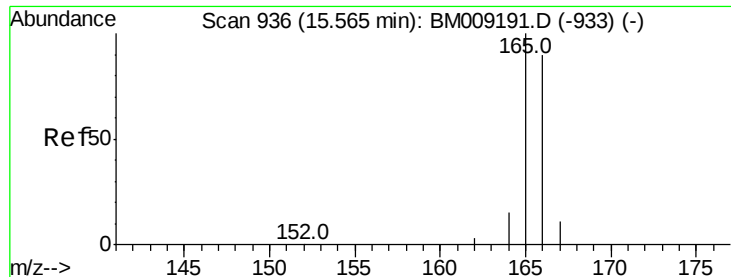
152 81.3 40.3 60.5#

154 89.6 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: 0.04 ng/ul

RT: 15.56 min Scan# 936

Delta R.T. -0.00 min

Lab File: BM009198.D

Acq: 11 Mar 2017 04:54

Instrument :

BNA_M

ClientSampleId :

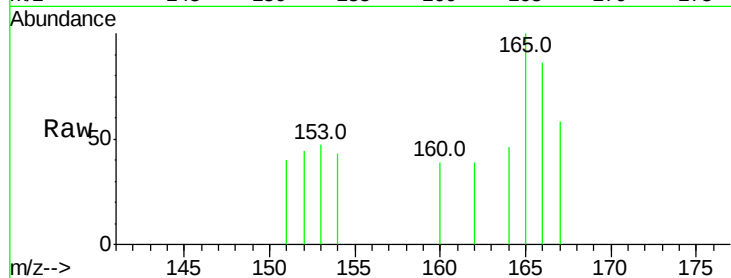
Tot Ion:166 Resp: 115

Ion Ratio Lower Upper

166 100

165 116.4 73.4 110.2#

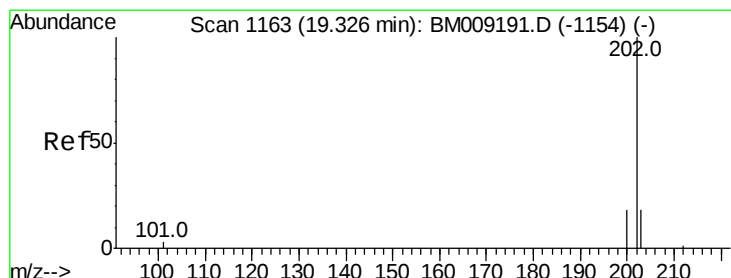
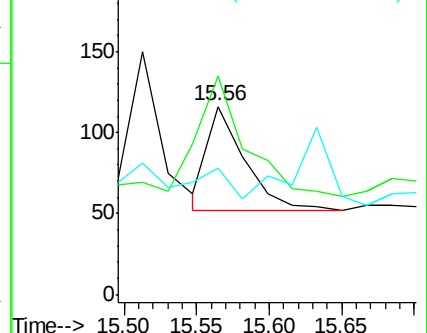
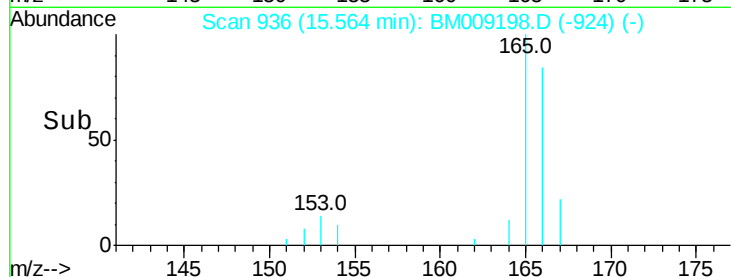
167 67.2 14.6 22.0#



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: 0.02 ng/ul

RT: 19.31 min Scan# 1162

Delta R.T. -0.01 min

Lab File: BM009198.D

Acq: 11 Mar 2017 04:54

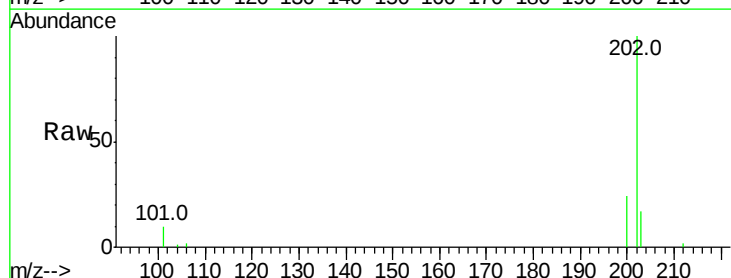
Tgt Ion:202 Resp: 6833

Ion Ratio Lower Upper

202 100

101 10.1 0.0 30.3

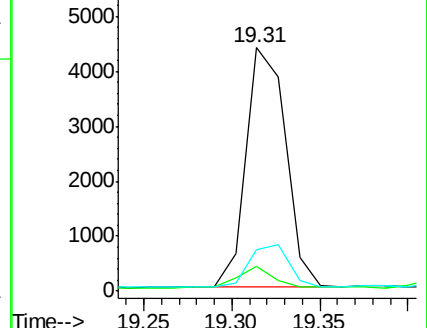
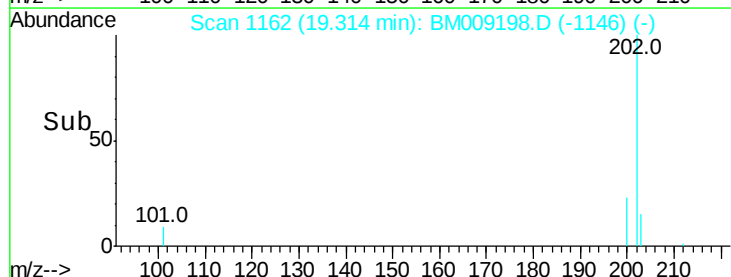
203 17.0 0.0 39.5

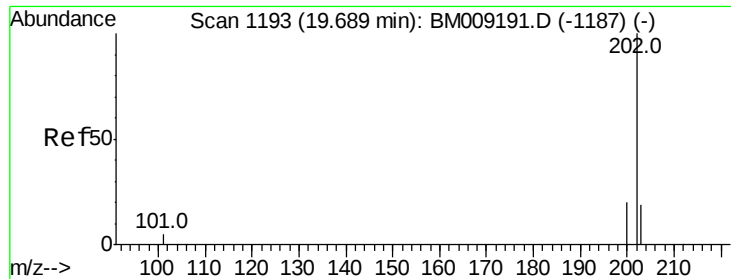


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

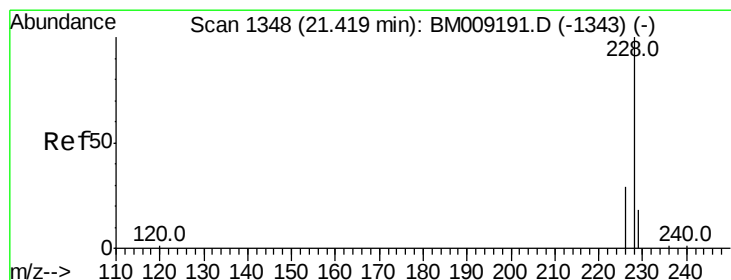
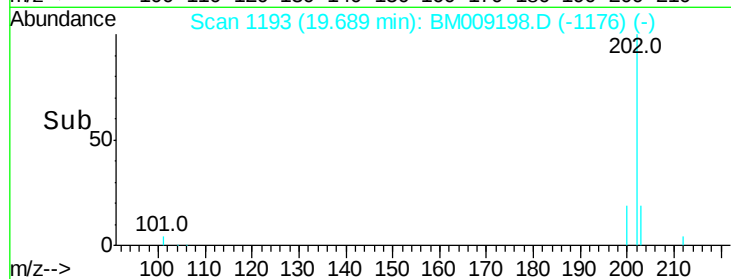
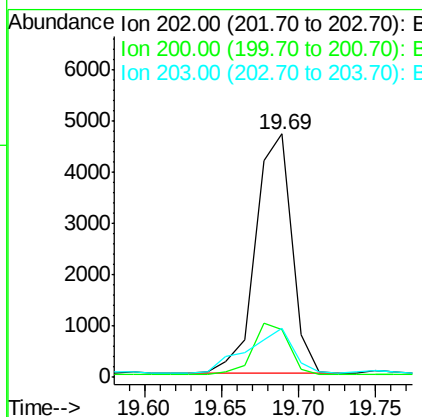
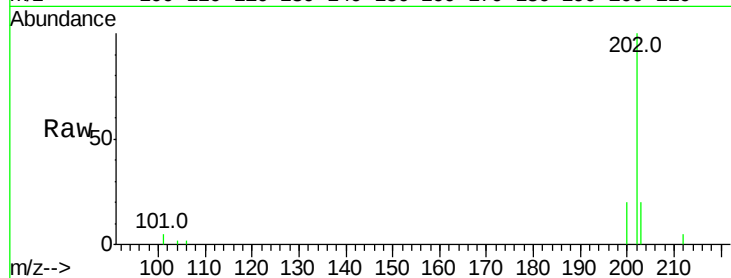




#17
Pvrene
Concen: 1.71 ng/ul
RT: 19.69 min Scan# 1193
Delta R.T. -0.00 min
Lab File: BM009198.D
Acq: 11 Mar 2017 04:54

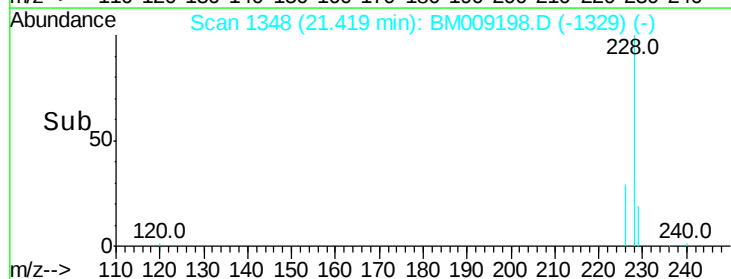
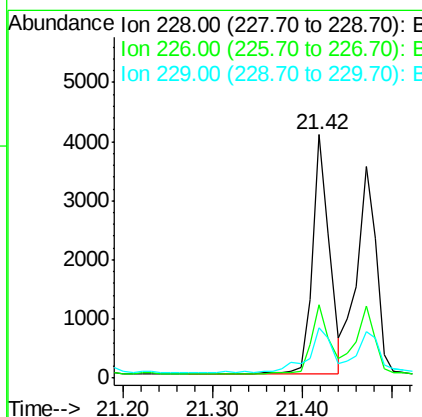
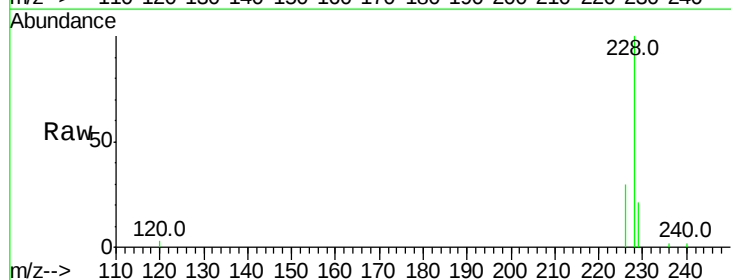
Instrument :
BNA_M
ClientSampleId :

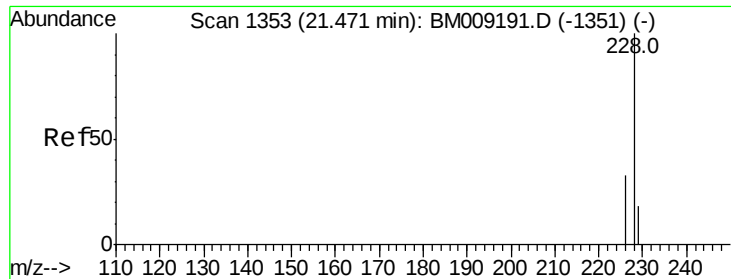
Tot Ion:202 Resp: 7662
Ion Ratio Lower Upper
202 100
200 19.8 18.2 27.4
203 20.3 15.6 23.4



#18
Benzo(a)anthracene
Concen: 1.23 ng/ul
RT: 21.42 min Scan# 1348
Delta R.T. -0.00 min
Lab File: BM009198.D
Acq: 11 Mar 2017 04:54

Tgt Ion:228 Resp: 5330
Ion Ratio Lower Upper
228 100
226 30.2 22.8 34.2
229 20.8 17.0 25.6





#19

Chrysene

Concen: 1.31 ng/ul

RT: 21.47 min Scan# 1353

Delta R.T. -0.00 min

Lab File: BM009198.D

Acq: 11 Mar 2017 04:54

Instrument :

BNA_M

ClientSampled :

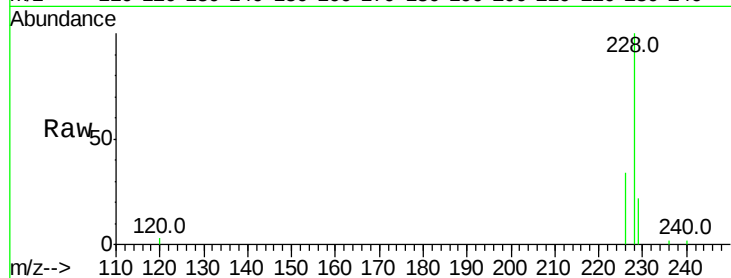
Tot Ion:228 Resp: 5352

Ion Ratio Lower Upper

228 100

226 33.9 23.4 35.0

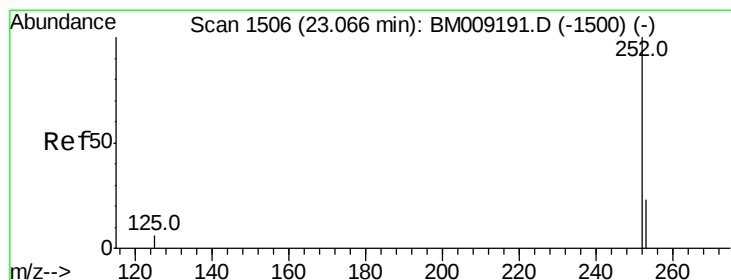
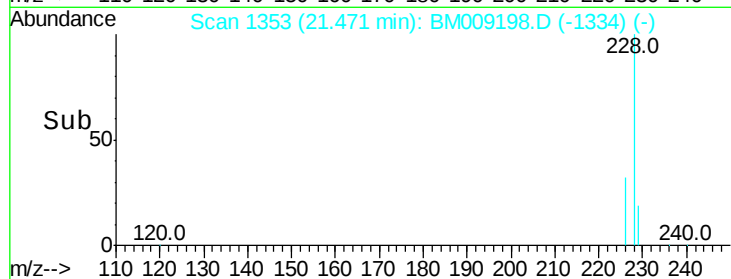
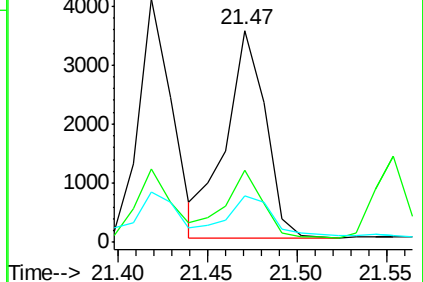
229 21.8 17.7 26.5



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



#21

Benzo(b)fluoranthene

Concen: 0.02 ng/ul

RT: 23.07 min Scan# 1506

Delta R.T. -0.00 min

Lab File: BM009198.D

Acq: 11 Mar 2017 04:54

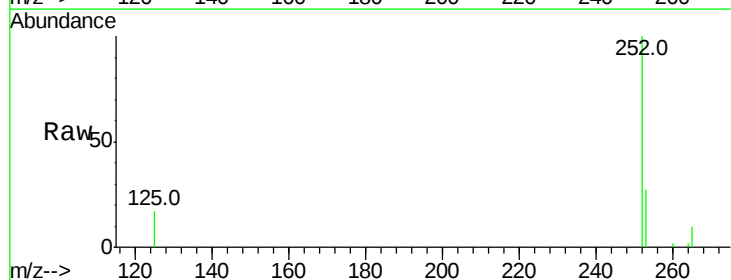
Tgt Ion:252 Resp: 5942

Ion Ratio Lower Upper

252 100

253 27.2 0.0 64.2

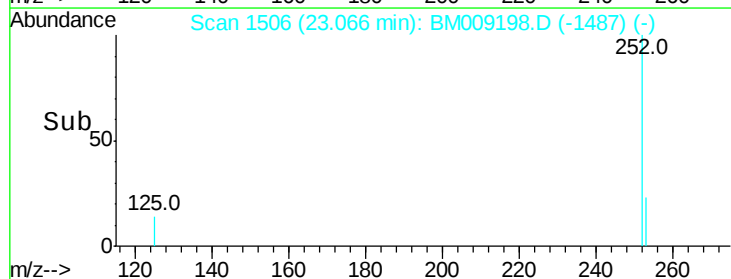
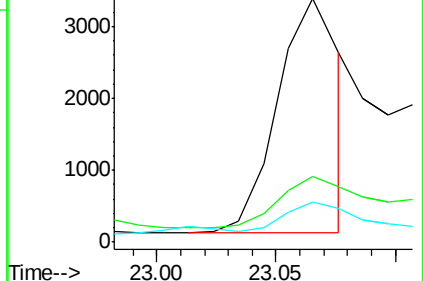
125 16.5 0.0 35.0

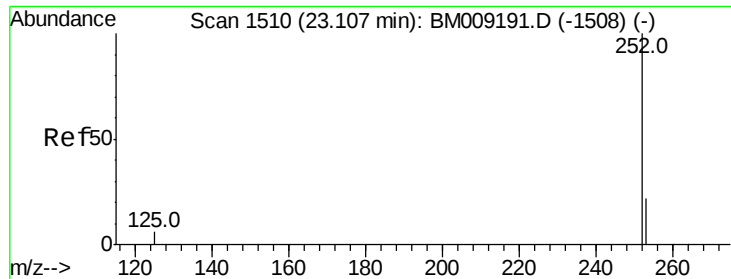


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.05 ng/ul

RT: 23.07 min Scan# 1506

Delta R.T. -0.04 min

Lab File: BM009198.D

Acq: 11 Mar 2017 04:54

Instrument :

BNA_M

ClientSampleId :

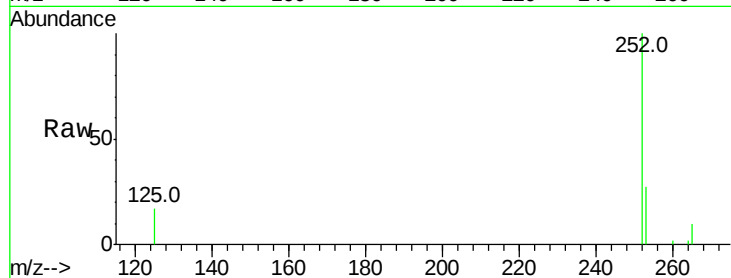
Tot Ion:252 Resp: 9949

Ion Ratio Lower Upper

252 100

253 27.2 24.5 36.7

125 16.5 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

