

Data Path : Z:\HPCHEM1\BNA M\DATA\BM030917\
 Data File : BM009155.D
 Acq On : 09 Mar 2017 20:57
 Operator : SJ/MA
 Sample : I2069-20
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AJ5

Quant Time: Mar 10 03:17:17 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

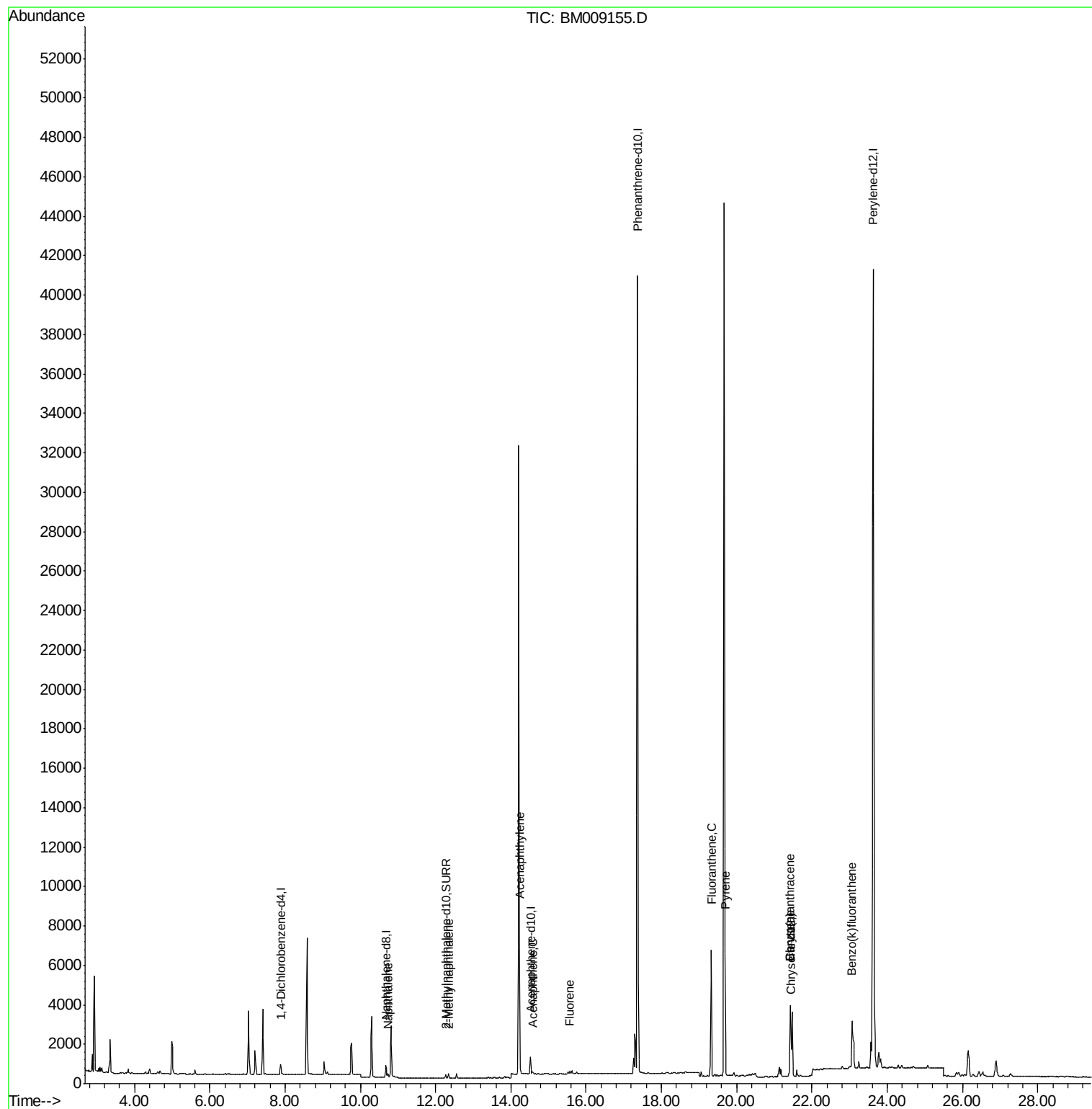
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	255	0.40	ng/ul	0.00
2) Naphthalene-d8	10.68	136	789	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	463	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.36	188	50581	0.40	ng/ul	0.10
16) Chrysene-d12	21.44	240	1191	0.40	ng/ul	0.00
20) Perylene-d12	23.63	264	52431	0.40	ng/ul	-0.15
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	246	0.19	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	657	0.00	ng/ul	0.00
Target Compounds						
					Ovalue	
3) Naphthalene	10.73	128	226	0.10	ng/ul#	54
5) 2-Methylnaphthalene	12.34	142	142	0.09	ng/ul	96
7) Acenaphthylene	14.23	152	173	0.07	ng/ul#	33
8) Acenaphthene	14.57	153	94	0.05	ng/ul#	83
9) Fluorene	15.56	166	110	0.05	ng/ul#	69
15) Fluoranthene	19.33	202	6630	0.03	ng/ul	94
17) Pyrene	19.69	202	6091	1.49	ng/ul	97
18) Benzo(a)anthracene	21.42	228	3695	0.93	ng/ul	95
19) Chrysene	21.42	228	3695	0.98	ng/ul	95
22) Benzo(k)fluoranthene	23.07	252	5672	0.03	ng/ul	95

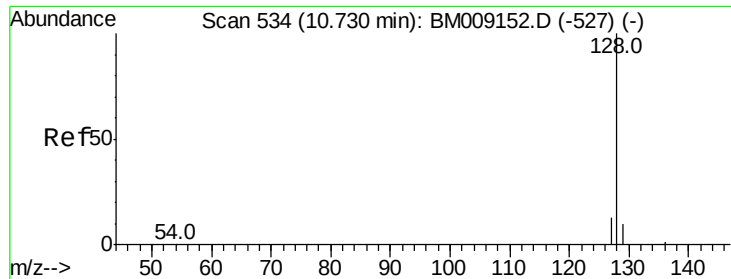
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BM009155.D

Acq: 09 Mar 2017 20:57

Instrument :

BNA_M

ClientSampleId :

C0AJ5

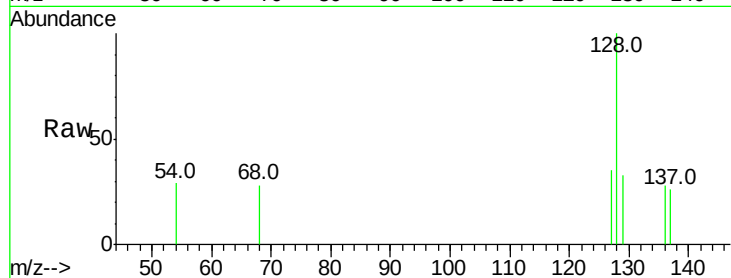
Tot Ion:128 Resp: 226

Ion Ratio Lower Upper

128 100

129 33.2 11.3 16.9#

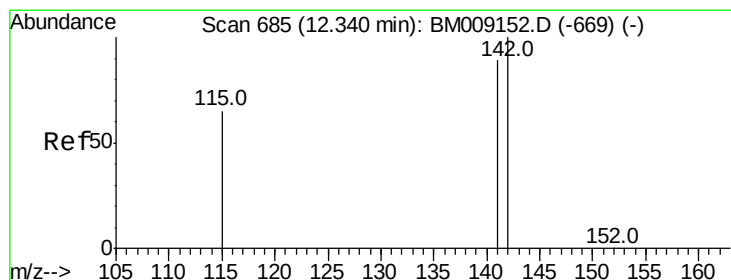
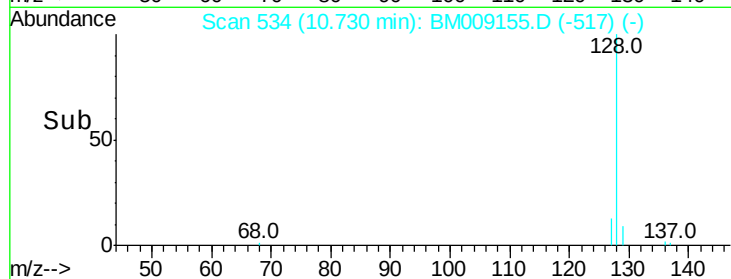
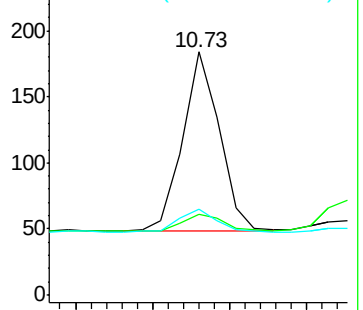
127 35.3 12.8 19.2#



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: 0.09 ng/ul

RT: 12.34 min Scan# 685

Delta R.T. -0.00 min

Lab File: BM009155.D

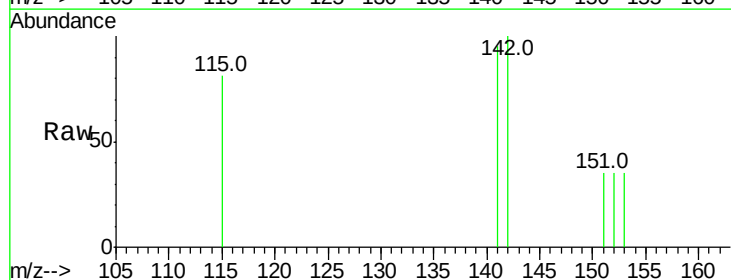
Acq: 09 Mar 2017 20:57

Tgt Ion:142 Resp: 142

Ion Ratio Lower Upper

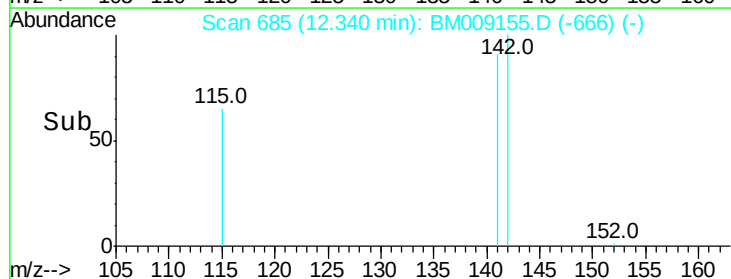
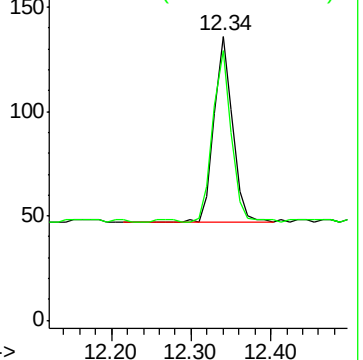
142 100

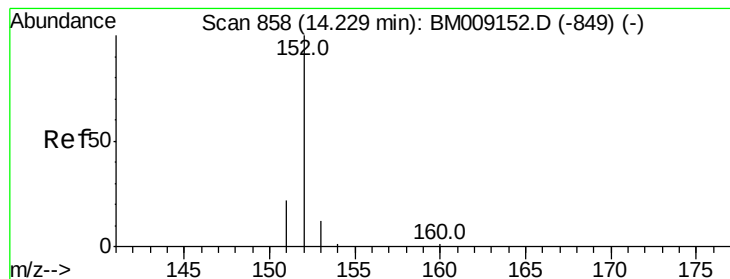
141 94.4 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.07 ng/ul

RT: 14.23 min Scan# 858

Delta R.T. -0.00 min

Lab File: BM009155.D

Acq: 09 Mar 2017 20:57

Instrument :

BNA_M

ClientSampleId :

C0AJ5

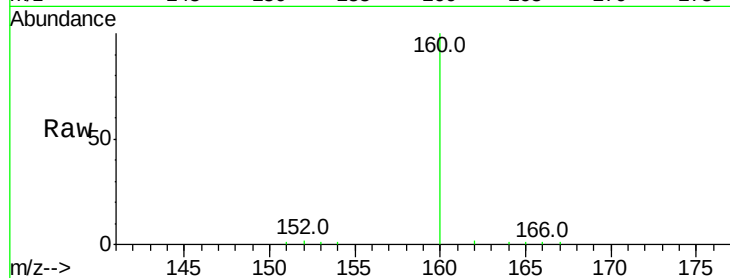
Tot Ion:152 Resp: 173

Ion Ratio Lower Upper

152 100

151 52.0 17.1 25.7#

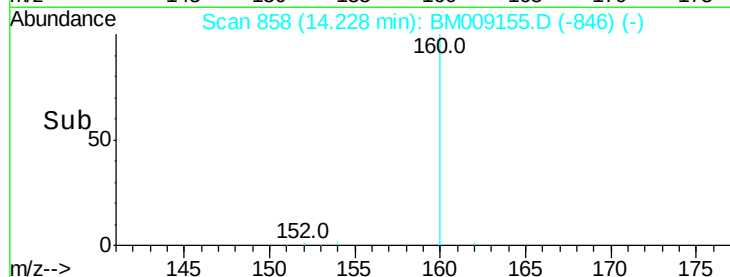
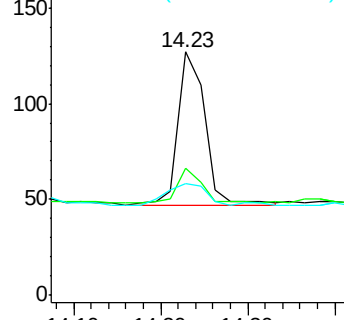
153 45.7 12.8 19.2#



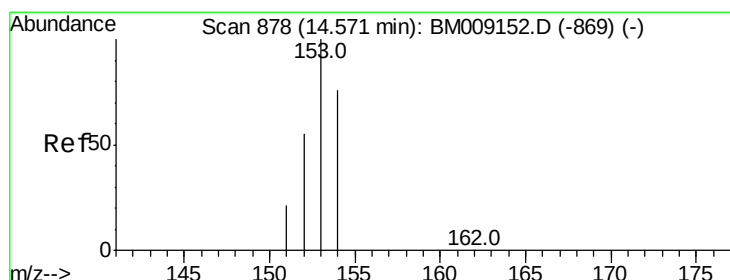
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



Time-->



#8

Acenaphthene

Concen: 0.05 ng/ul

RT: 14.57 min Scan# 878

Delta R.T. -0.00 min

Lab File: BM009155.D

Acq: 09 Mar 2017 20:57

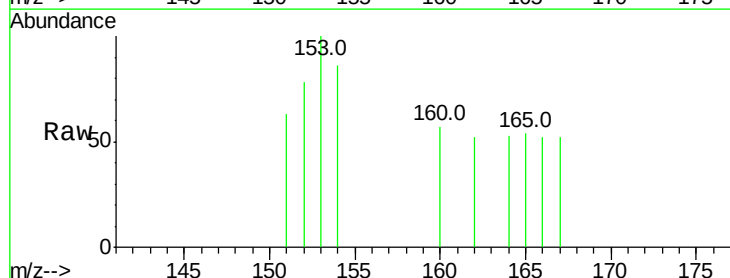
Tgt Ion:153 Resp: 94

Ion Ratio Lower Upper

153 100

152 78.5 40.3 60.5#

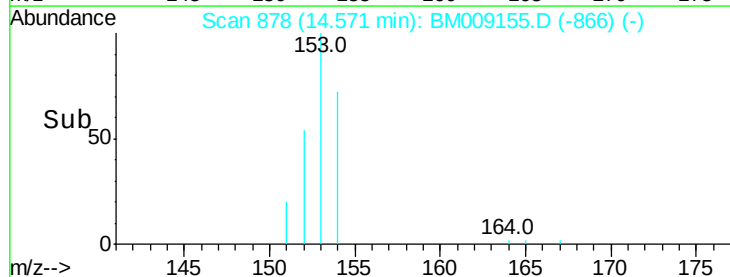
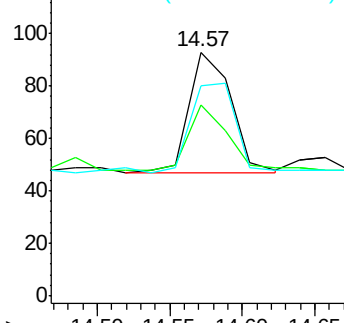
154 86.0 71.4 107.2



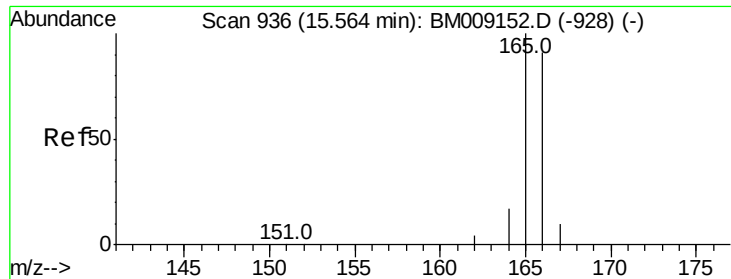
Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



Time-->



#9

Fluorene

Concen: 0.05 ng/ul

RT: 15.56 min Scan# 936

Delta R.T. -0.00 min

Lab File: BM009155.D

Acq: 09 Mar 2017 20:57

Instrument :

BNA_M

ClientSampleId :

C0AJ5

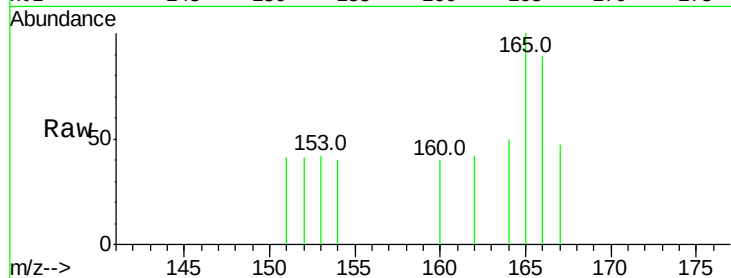
Tot Ion:166 Resp: 110

Ion Ratio Lower Upper

166 100

165 112.3 73.4 110.2#

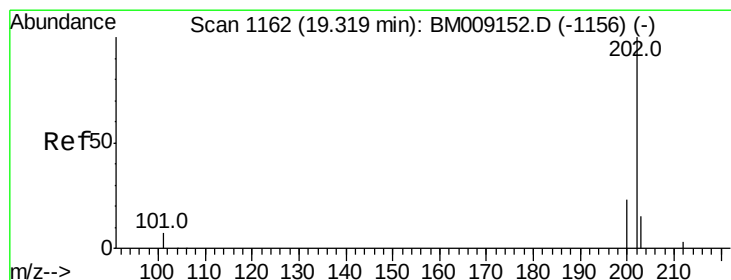
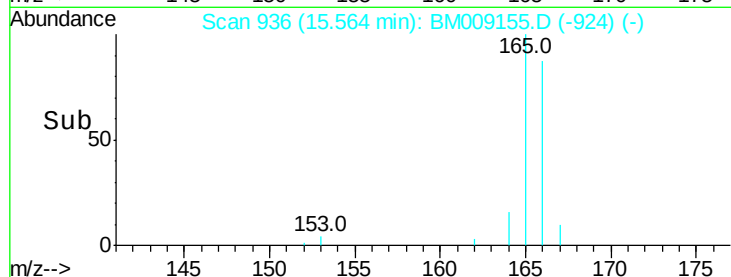
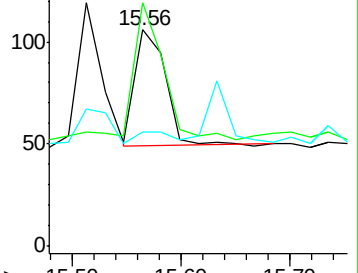
167 52.8 14.6 22.0#



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: BM009155.D

Acq: 09 Mar 2017 20:57

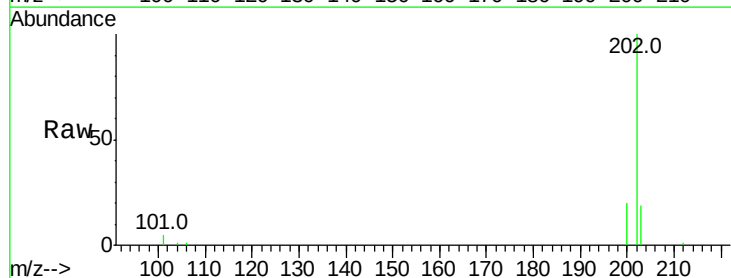
Tgt Ion:202 Resp: 6630

Ion Ratio Lower Upper

202 100

101 4.5 0.0 30.3

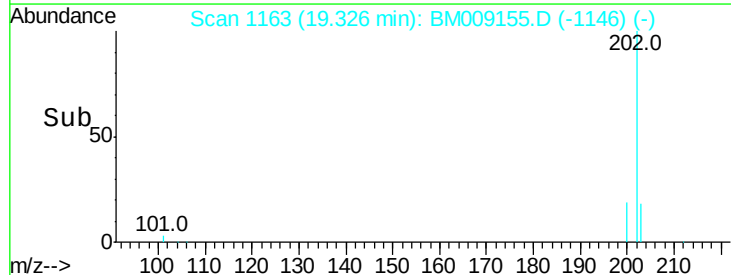
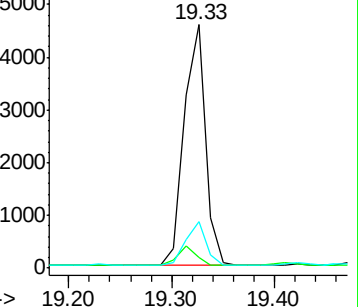
203 19.2 0.0 39.5

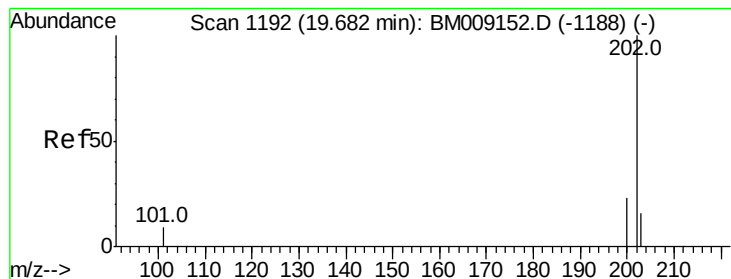


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#17

Pvrene

Concen: 1.49 ng/ul

RT: 19.69 min Scan# 1193

Delta R.T. 0.01 min

Lab File: BM009155.D

Acq: 09 Mar 2017 20:57

Instrument :

BNA_M

ClientSampled :

C0AJ5

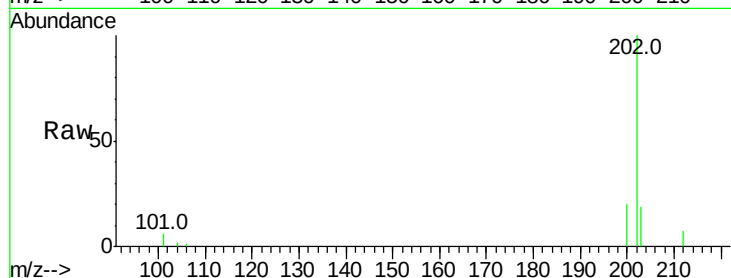
Tot Ion:202 Resp: 6091

Ion Ratio Lower Upper

202 100

200 20.0 18.2 27.4

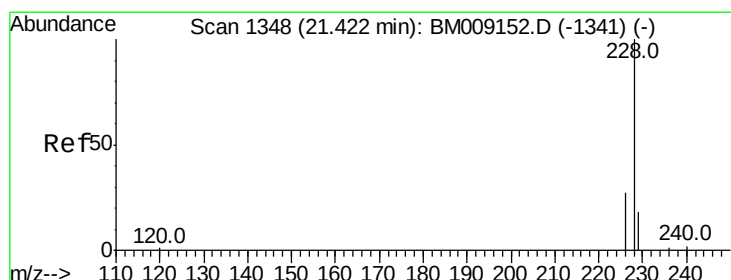
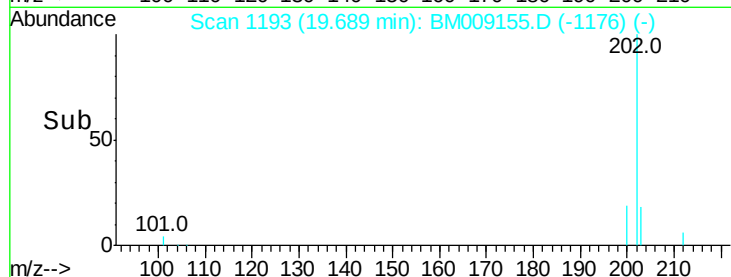
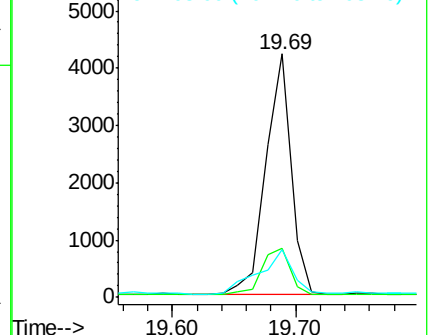
203 19.4 15.6 23.4



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: 0.93 ng/ul

RT: 21.42 min Scan# 1348

Delta R.T. -0.00 min

Lab File: BM009155.D

Acq: 09 Mar 2017 20:57

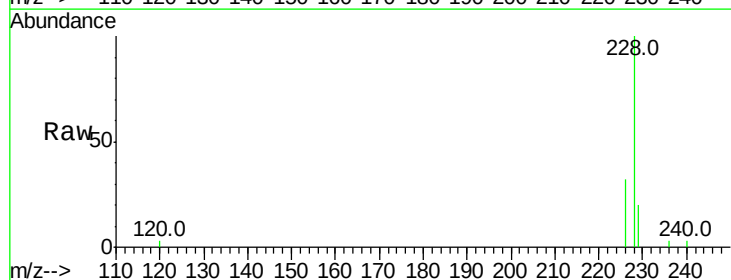
Tgt Ion:228 Resp: 3695

Ion Ratio Lower Upper

228 100

226 32.4 22.8 34.2

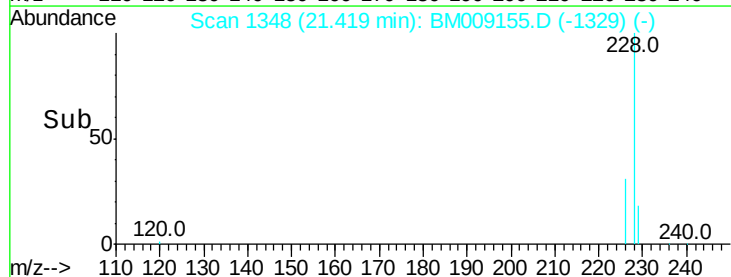
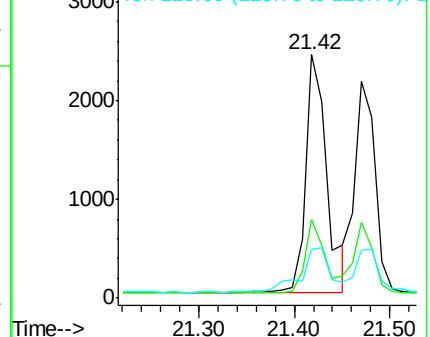
229 20.2 17.0 25.6

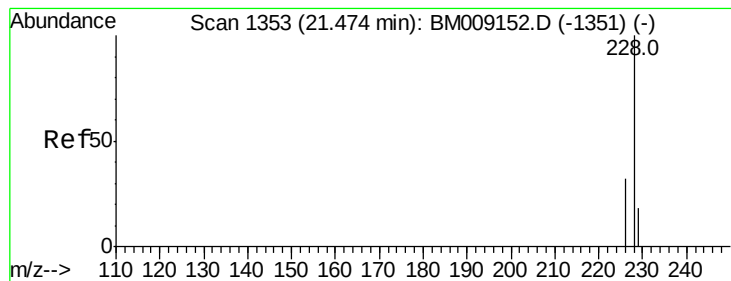


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#19

Chrysene

Concen: 0.98 ng/ul

RT: 21.42 min Scan# 1348

Delta R.T. -0.06 min

Lab File: BM009155.D

Acq: 09 Mar 2017 20:57

Instrument :

BNA_M

ClientSampleId :

C0AJ5

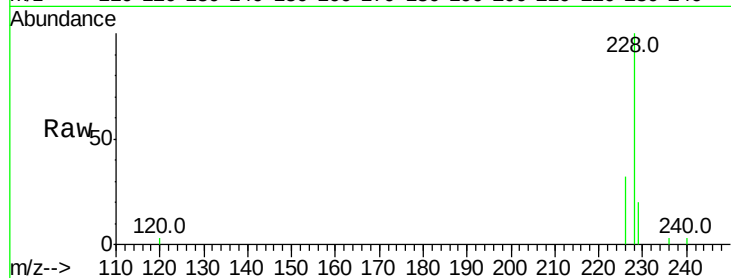
Tot Ion:228 Resp: 3695

Ion Ratio Lower Upper

228 100

226 32.4 23.4 35.0

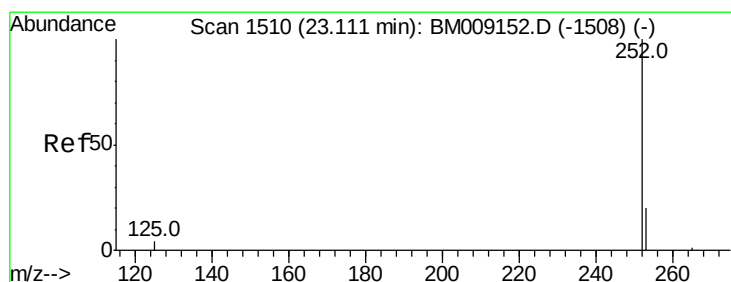
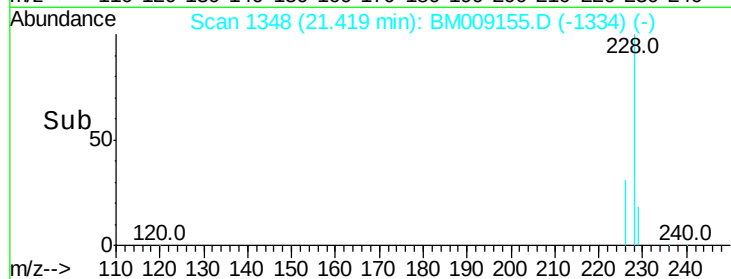
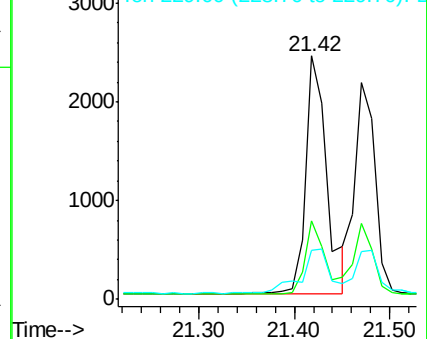
229 20.2 17.7 26.5



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. -0.05 min

Lab File: BM009155.D

Acq: 09 Mar 2017 20:57

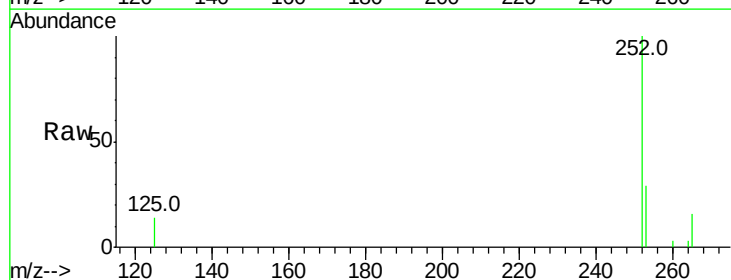
Tgt Ion:252 Resp: 5672

Ion Ratio Lower Upper

252 100

253 28.6 24.5 36.7

125 14.0 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

