

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM060517\  
 Data File : BM010416.D  
 Acq On : 05 Jun 2017 09:56  
 Operator : SJ/MA  
 Sample : I3164-02MS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 JHSG6MS

Quant Time: Jun 05 13:25:07 2017  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM053017.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jun 05 04:03:07 2017  
 Response via : Initial Calibration

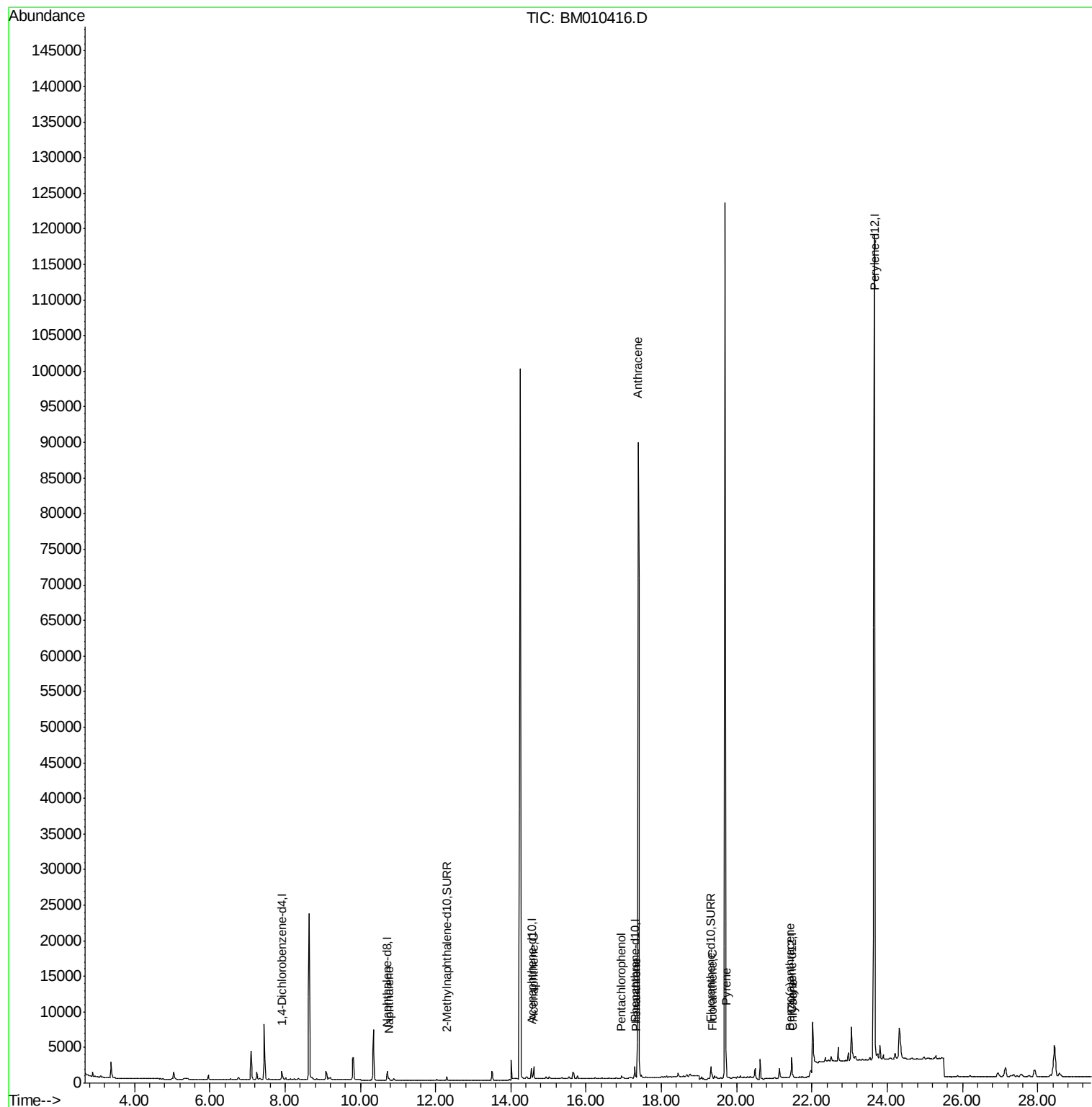
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.91  | 152  | 648      | 0.40   | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.72 | 136  | 2042     | 0.40   | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.55 | 164  | 1092     | 0.40   | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 17.30 | 188  | 2340     | 0.40   | ng/ul  | 0.00     |
| 16) Chrysene-d12            | 21.46 | 240  | 2485     | 0.40   | ng/ul  | 0.00     |
| 20) Perylene-d12            | 23.66 | 264  | 156300   | 0.40   | ng/ul  | -0.15    |
| System Monitoring Compounds |       |      |          |        |        |          |
| 4) 2-Methylnaphthalene-d10  | 12.30 | 152  | 701      | 0.24   | ng/ul  | 0.00     |
| 14) Fluoranthene-d10        | 19.31 | 212  | 1839     | 0.30   | ng/ul  | 0.00     |
| Target Compounds            |       |      |          | Qvalue |        |          |
| 3) Naphthalene              | 10.77 | 128  | 148      | 0.027  | ng/ul# | 21       |
| 8) Acenaphthene             | 14.61 | 153  | 1048     | 0.254  | ng/ul  | 98       |
| 11) Pentachlorophenol       | 16.94 | 266  | 296      | 0.331  | ng/ul  | 93       |
| 12) Phenanthrene            | 17.33 | 178  | 344      | 0.046  | ng/ul# | 58       |
| 13) Anthracene              | 17.38 | 178  | 156      | 0.022  | ng/ul# | 1        |
| 15) Fluoranthene            | 19.35 | 202  | 455      | 0.049  | ng/ul# | 23       |
| 17) Pyrene                  | 19.71 | 202  | 3636     | 0.343  | ng/ul# | 95       |
| 18) Benzo(a)anthracene      | 21.42 | 228  | 500      | 0.049  | ng/ul# | 46       |
| 19) Chrysene                | 21.49 | 228  | 492      | 0.050  | ng/ul# | 42       |

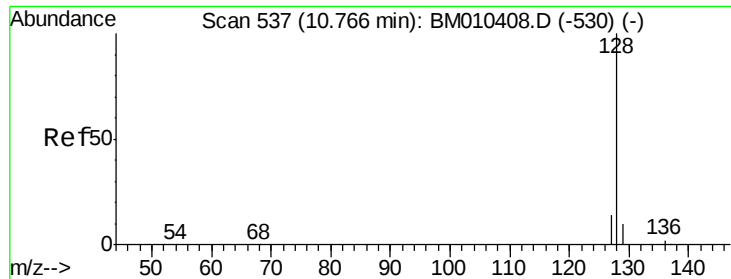
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.027 ng/ul

RT: 10.77 min Scan# 537

Delta R.T. -0.00 min

Lab File: BM010416.D

Acq: 05 Jun 2017 09:56

Instrument :

BNA\_M

ClientSampleId :

JHSG6MS

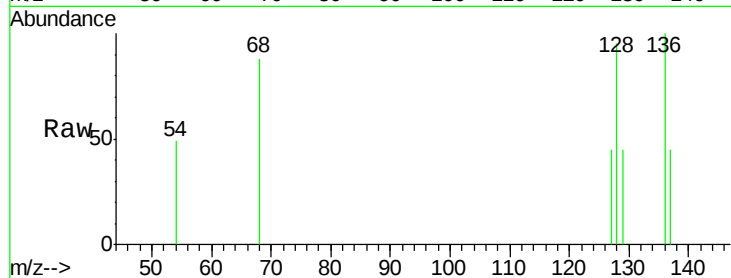
Tgt Ion:128 Resp: 148

Ion Ratio Lower Upper

128 100

129 47.8 11.3 16.9#

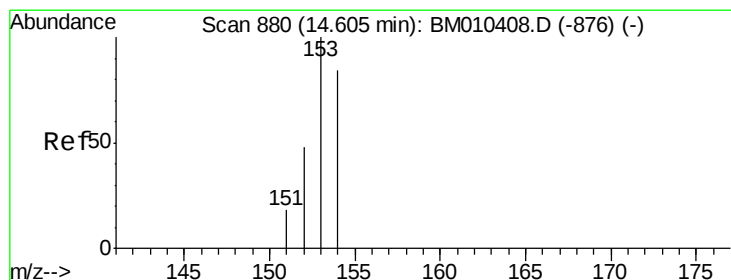
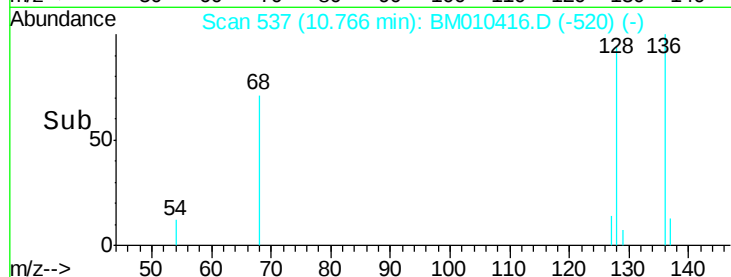
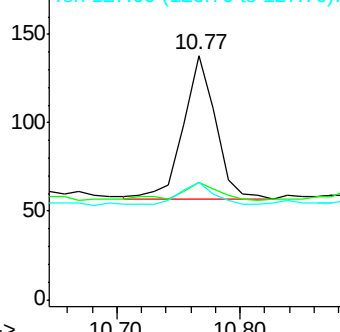
127 47.8 12.8 19.2#



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



#8

Acenaphthene

Concen: 0.254 ng/ul

RT: 14.61 min Scan# 880

Delta R.T. -0.00 min

Lab File: BM010416.D

Acq: 05 Jun 2017 09:56

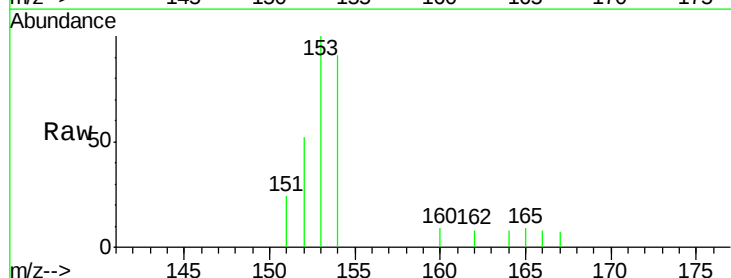
Tgt Ion:153 Resp: 1048

Ion Ratio Lower Upper

153 100

152 52.3 40.3 60.5

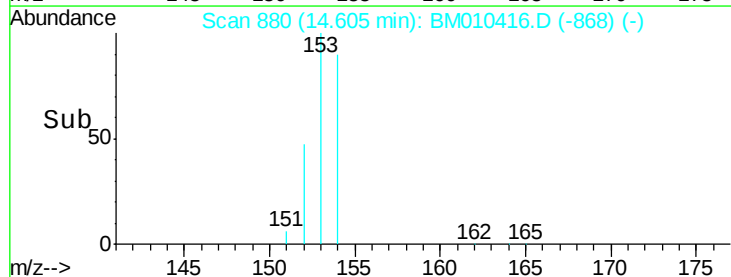
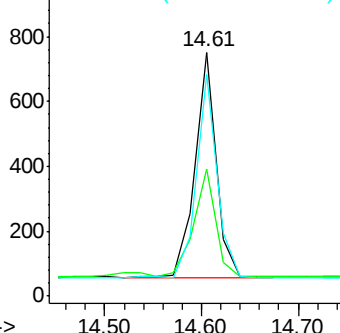
154 90.9 71.4 107.2

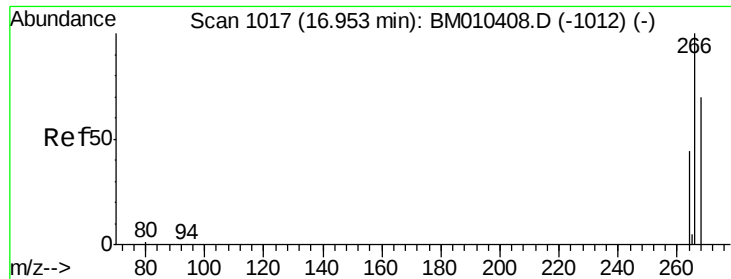


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

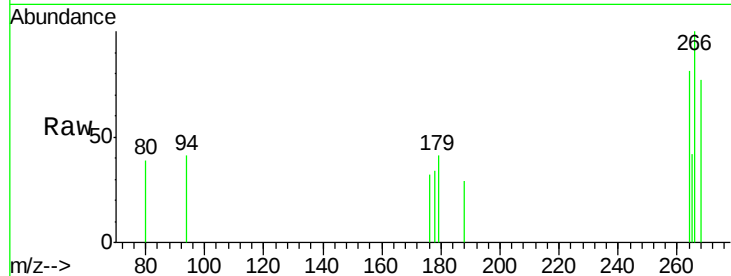




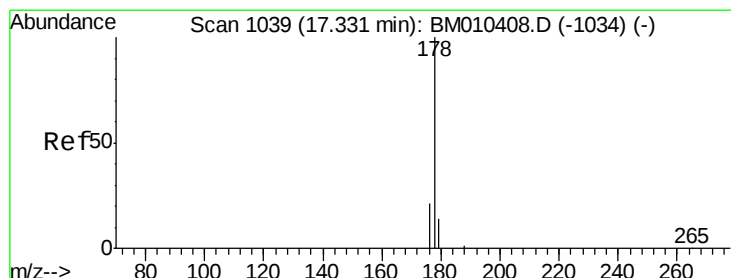
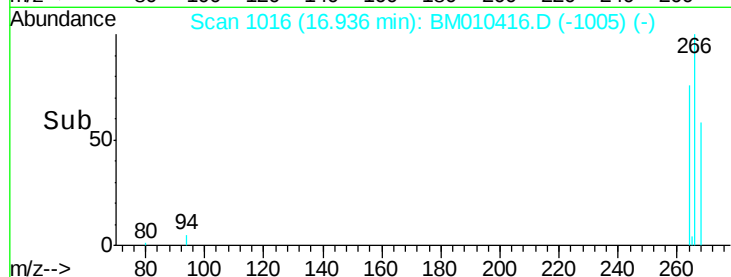
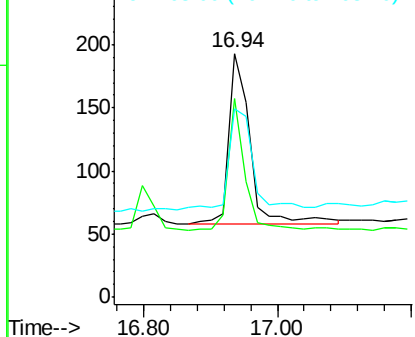
#11  
 Pentachlorophenol  
 Concen: 0.331 ng/ul  
 RT: 16.94 min Scan# 1016  
 Delta R.T. -0.02 min  
 Lab File: BM010416.D  
 Acq: 05 Jun 2017 09:56

Instrument :  
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 JHSG6MS

Tgt Ion: 266 Resp: 296  
 Ion Ratio Lower Upper  
 266 100  
 264 59.8 47.9 71.9  
 268 73.0 49.8 74.8

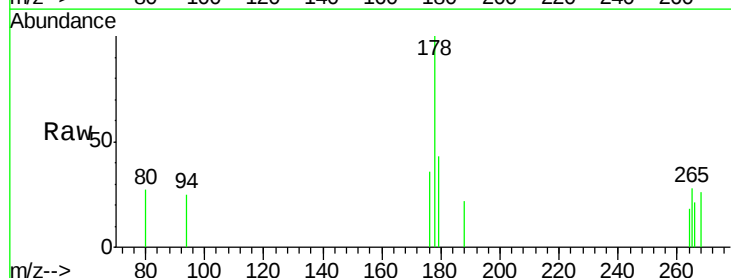


Abundance Ion 266.00 (265.70 to 266.70): E  
 Ion 264.00 (263.70 to 264.70): E  
 Ion 268.00 (267.70 to 268.70): E

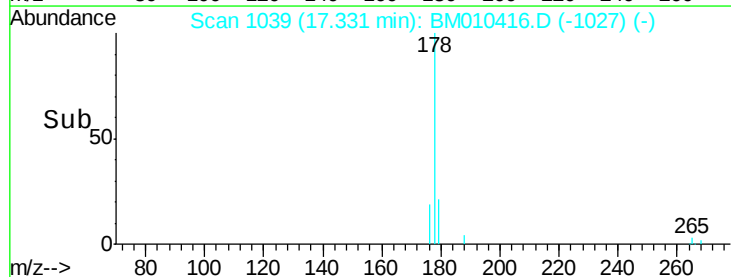
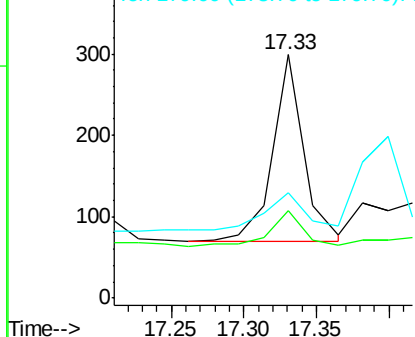


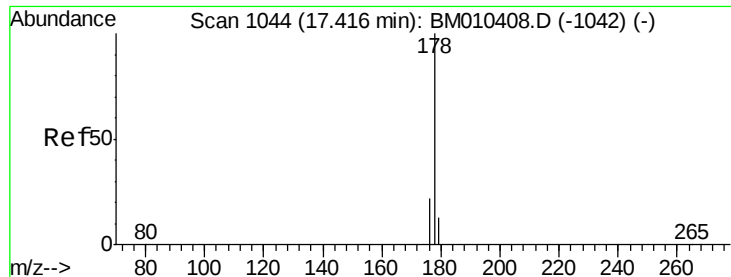
#12  
 Phenanthrene  
 Concen: 0.046 ng/ul  
 RT: 17.33 min Scan# 1039  
 Delta R.T. -0.00 min  
 Lab File: BM010416.D  
 Acq: 05 Jun 2017 09:56

Tgt Ion: 178 Resp: 344  
 Ion Ratio Lower Upper  
 178 100  
 176 36.1 18.4 27.6#  
 179 43.5 13.6 20.4#



Abundance Ion 178.00 (177.70 to 178.70): E  
 Ion 176.00 (175.70 to 176.70): E  
 Ion 179.00 (178.70 to 179.70): E





#13

Anthracene

Concen: 0.022 ng/ul

RT: 17.38 min Scan# 1042

Delta R.T. -0.03 min

Lab File: BM010416.D

Acq: 05 Jun 2017 09:56

Instrument :

BNA\_M

ClientSampleId :

JHSG6MS

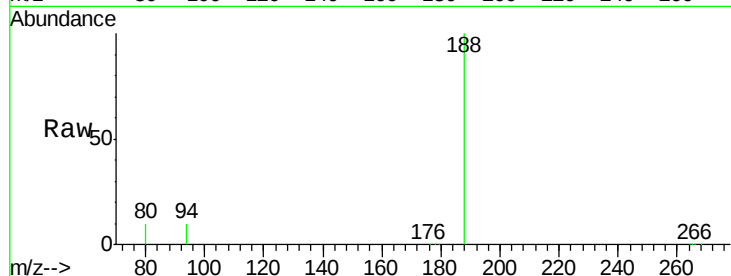
Tgt Ion:178 Resp: 156

Ion Ratio Lower Upper

178 100

176 60.7 18.1 27.1#

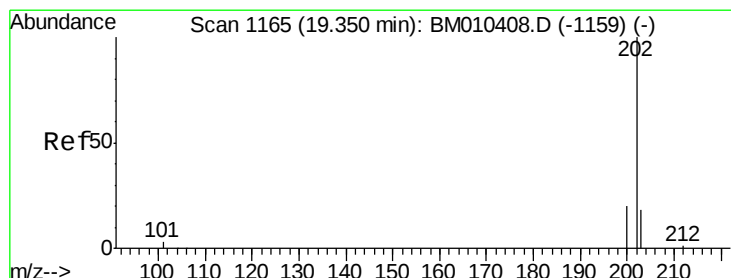
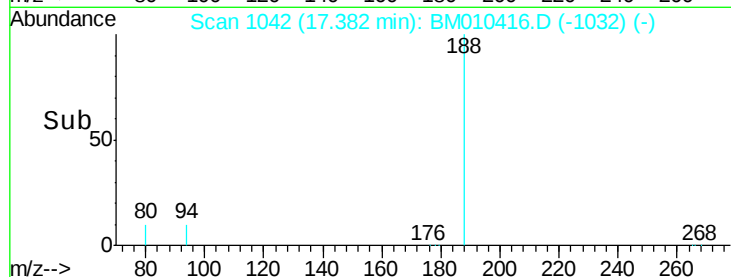
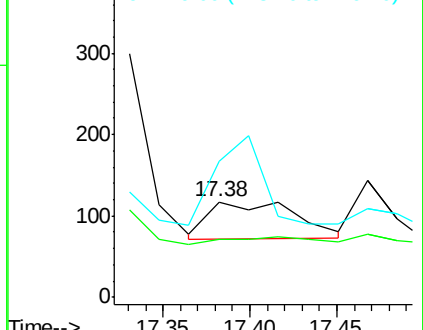
179 142.7 14.7 22.1#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#15

Fluoranthene

Concen: 0.049 ng/ul

RT: 19.35 min Scan# 1165

Delta R.T. -0.00 min

Lab File: BM010416.D

Acq: 05 Jun 2017 09:56

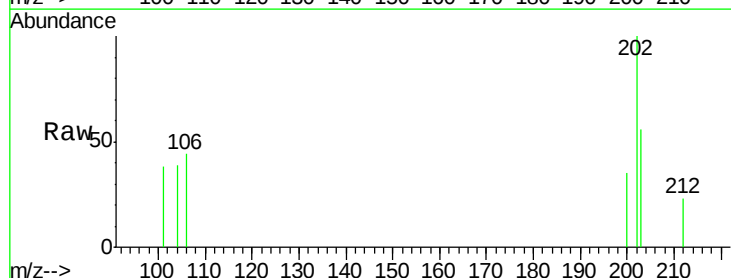
Tgt Ion:202 Resp: 455

Ion Ratio Lower Upper

202 100

101 37.6 0.0 30.3#

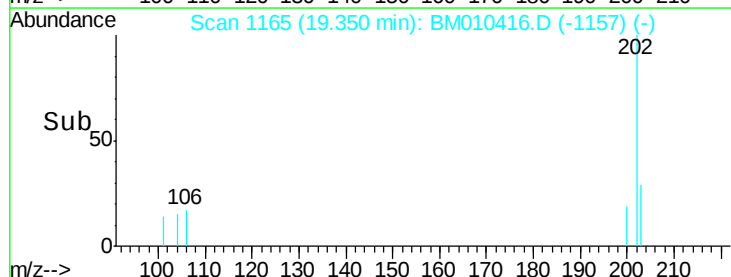
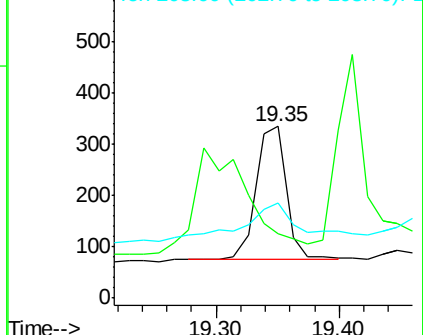
203 55.5 0.0 39.5#

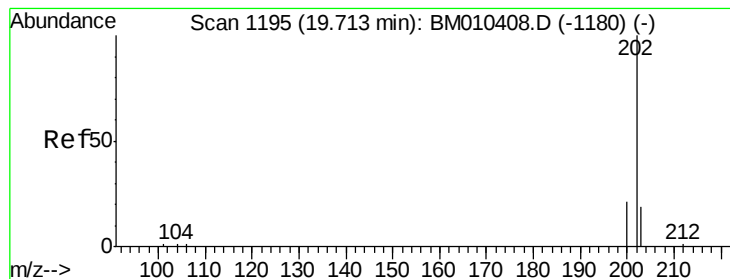


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#17

Pyrene

Concen: 0.343 ng/ul

RT: 19.71 min Scan# 1195

Delta R.T. -0.00 min

Lab File: BM010416.D

Acq: 05 Jun 2017 09:56

Instrument :

BNA\_M

ClientSampleId :

JHSG6MS

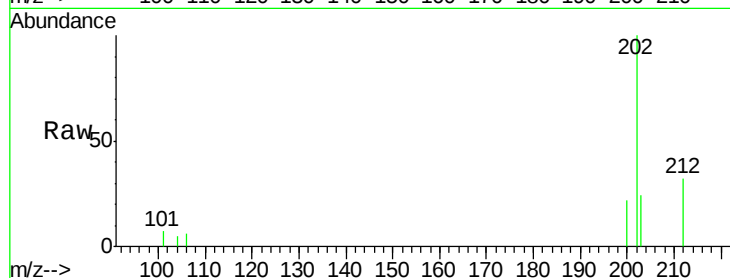
Tgt Ion:202 Resp: 3636

Ion Ratio Lower Upper

202 100

200 22.2 18.2 27.4

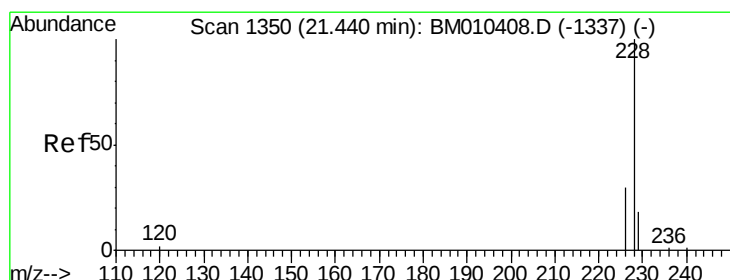
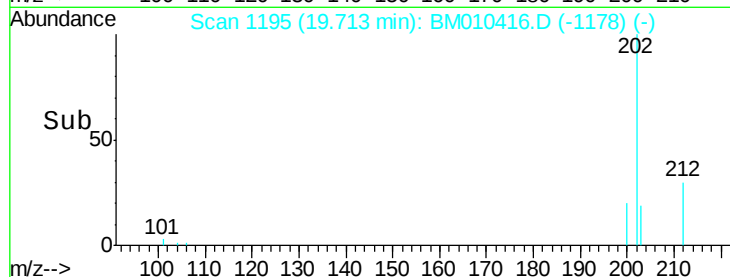
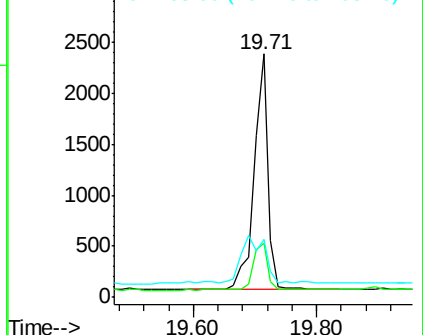
203 23.6 15.6 23.4#



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: 0.049 ng/ul

RT: 21.42 min Scan# 1348

Delta R.T. -0.02 min

Lab File: BM010416.D

Acq: 05 Jun 2017 09:56

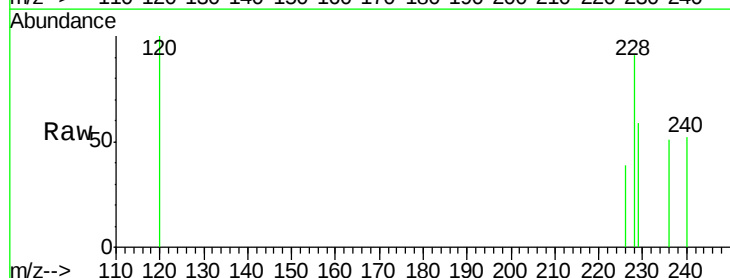
Tgt Ion:228 Resp: 500

Ion Ratio Lower Upper

228 100

226 42.7 22.8 34.2#

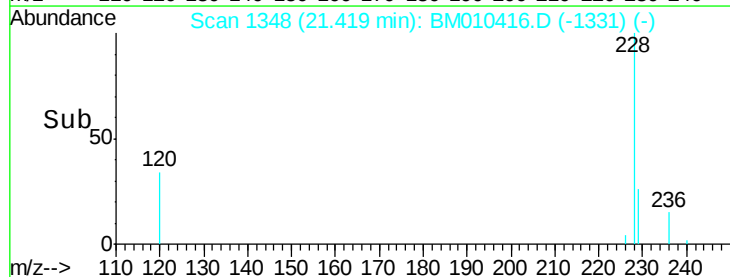
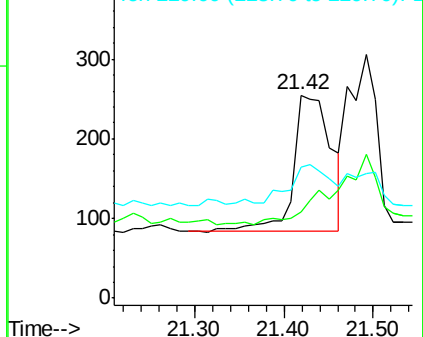
229 64.3 17.0 25.6#

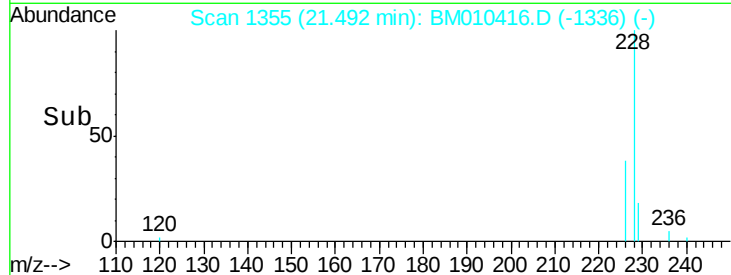
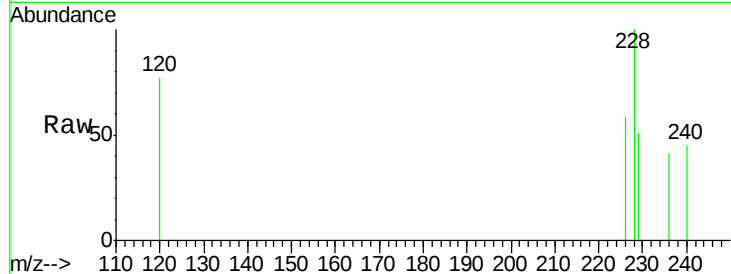
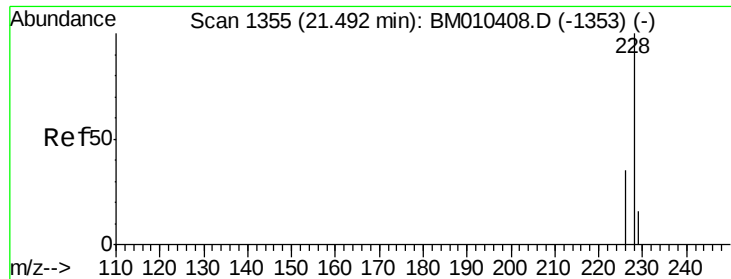


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#19

Chrysene

Concen: 0.050 ng/ul

RT: 21.49 min Scan# 1355

Delta R.T. -0.00 min

Lab File: BM010416.D

Acq: 05 Jun 2017 09:56

Instrument :

BNA\_M

ClientSampleId :

JHSG6MS

Tgt Ion: 228 Resp: 492

Ion Ratio Lower Upper

228 100

226 58.8 23.4 35.0#

229 51.3 17.7 26.5#

