

Data Path : Z:\HPCHEM1\BNA M\DATA\BM060217\  
 Data File : BM010398.D  
 Acq On : 02 Jun 2017 21:36  
 Operator : SJ/MA  
 Sample : I3163-16  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Jun 03 05:18:21 2017  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM053017.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Jun 03 05:17:32 2017  
 Response via : Initial Calibration

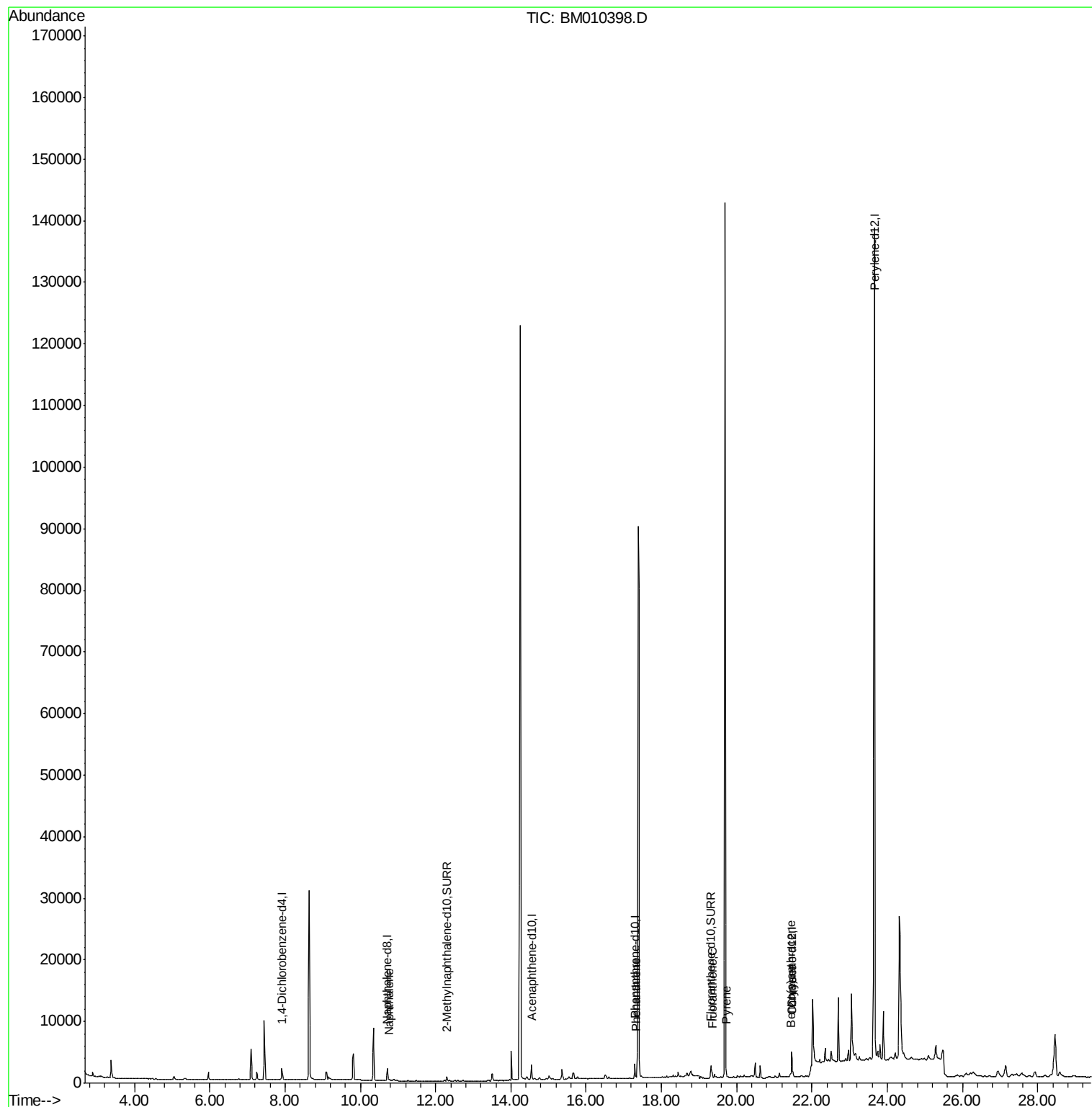
| Internal Standards          | R.T.  | QIon | Response | Conc | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.91  | 152  | 1021     | 0.40 | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.72 | 136  | 2983     | 0.40 | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.55 | 164  | 1624     | 0.40 | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 17.30 | 188  | 3329     | 0.40 | ng/ul  | 0.00     |
| 16) Chrysene-d12            | 21.46 | 240  | 3430     | 0.40 | ng/ul  | 0.00     |
| 20) Perylene-d12            | 23.66 | 264  | 169041   | 0.40 | ng/ul  | -0.15    |
| System Monitoring Compounds |       |      |          |      |        |          |
| 4) 2-Methylnaphthalene-d10  | 12.30 | 152  | 849      | 0.20 | ng/ul  | 0.00     |
| 14) Fluoranthene-d10        | 19.31 | 212  | 2055     | 0.23 | ng/ul  | 0.00     |
| Target Compounds            |       |      |          |      |        |          |
| 3) Naphthalene              | 10.77 | 128  | 196      | 0.02 | ng/ul# | 37       |
| 12) Phenanthrene            | 17.33 | 178  | 419      | 0.04 | ng/ul# | 58       |
| 15) Fluoranthene            | 19.35 | 202  | 764      | 0.06 | ng/ul# | 35       |
| 17) Pyrene                  | 19.71 | 202  | 933      | 0.06 | ng/ul# | 39       |
| 18) Benzo(a)anthracene      | 21.43 | 228  | 734      | 0.05 | ng/ul# | 53       |
| 19) Chrysene                | 21.47 | 228  | 1406     | 0.10 | ng/ul# | 63       |

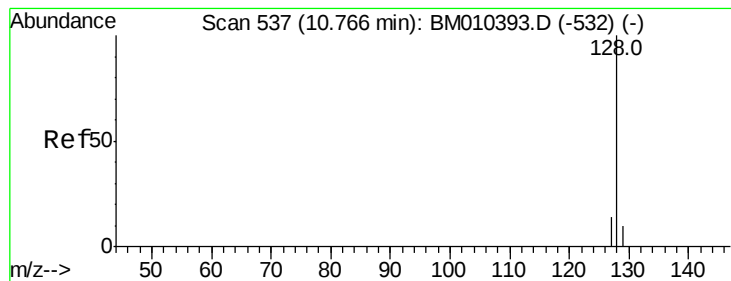
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.02 ng/ul

RT: 10.77 min Scan# 537

Delta R.T. -0.00 min

Lab File: BM010398.D

Acq: 02 Jun 2017 21:36

Instrument :

BNA\_M

ClientSampleId :

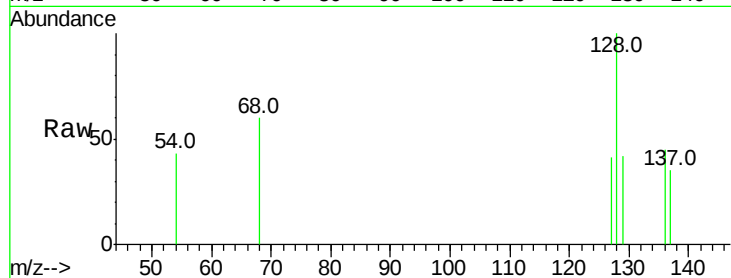
Tot Ion:128 Resp: 196

Ion Ratio Lower Upper

128 100

129 41.7 11.3 16.9#

127 41.1 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

10.77

150

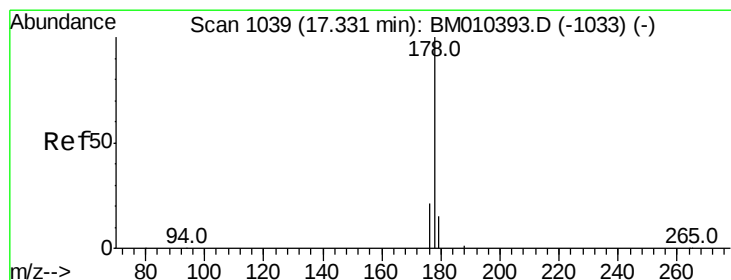
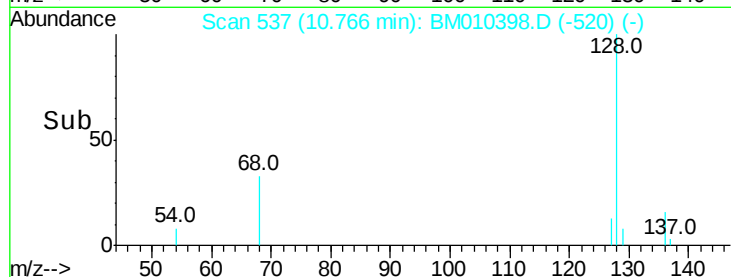
100

50

0

10.70 10.80

Time-->



#12

Phenanthrene

Concen: 0.04 ng/ul

RT: 17.33 min Scan# 1039

Delta R.T. -0.00 min

Lab File: BM010398.D

Acq: 02 Jun 2017 21:36

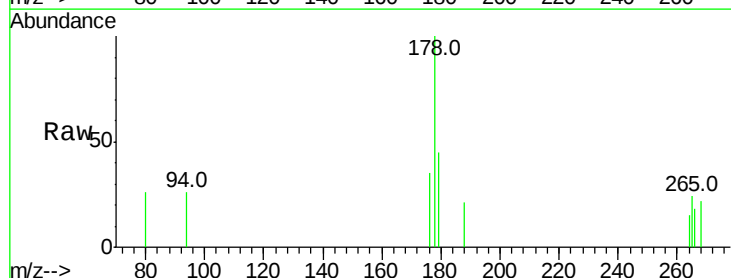
Tgt Ion:178 Resp: 419

Ion Ratio Lower Upper

178 100

176 35.3 18.4 27.6#

179 44.5 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

17.33

400

300

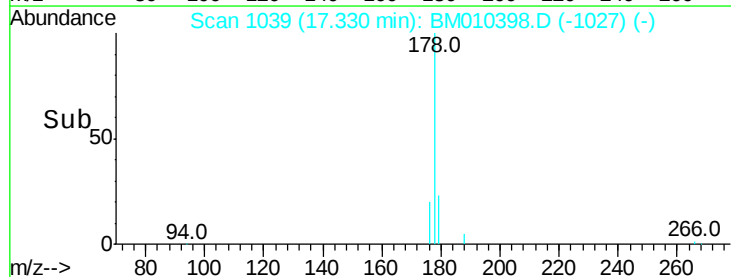
200

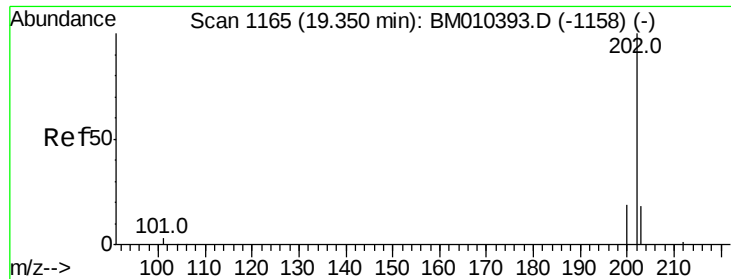
100

0

17.20 17.30 17.40

Time-->





#15

Fluoranthene

Concen: 0.06 ng/ul

RT: 19.35 min Scan# 1165

Delta R.T. -0.00 min

Lab File: BM010398.D

Acq: 02 Jun 2017 21:36

Instrument :

BNA\_M

ClientSampled :

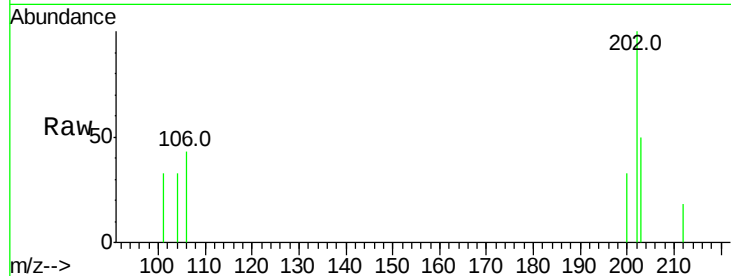
Tot Ion:202 Resp: 764

Ion Ratio Lower Upper

202 100

101 33.3 0.0 30.3#

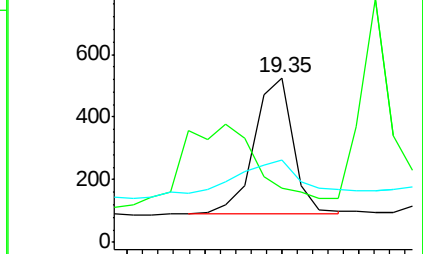
203 49.8 0.0 39.5#



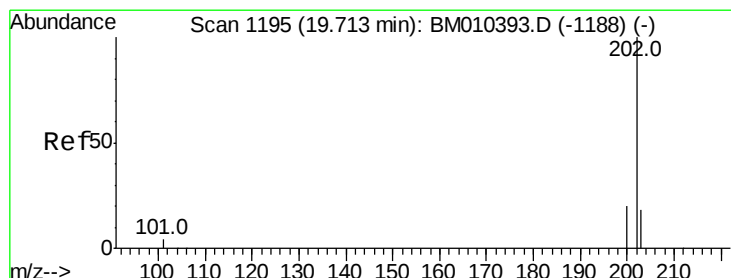
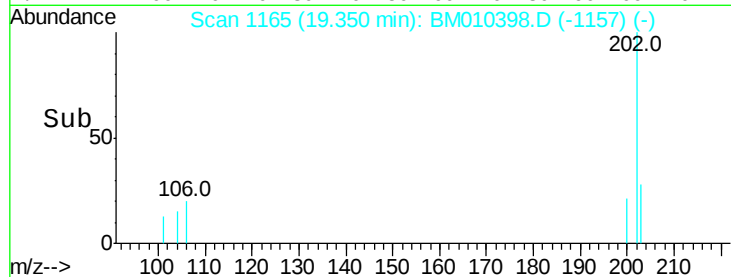
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#17

Pyrene

Concen: 0.06 ng/ul

RT: 19.71 min Scan# 1195

Delta R.T. -0.00 min

Lab File: BM010398.D

Acq: 02 Jun 2017 21:36

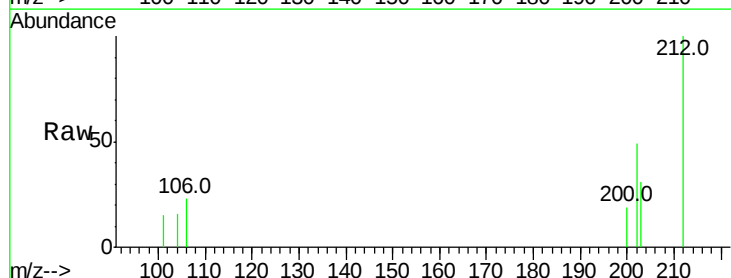
Tgt Ion:202 Resp: 933

Ion Ratio Lower Upper

202 100

200 39.2 18.2 27.4#

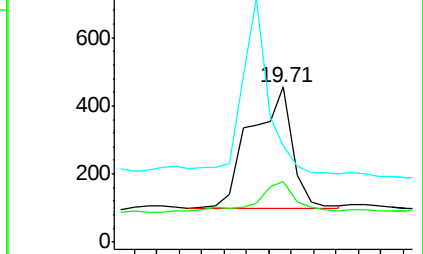
203 62.1 15.6 23.4#



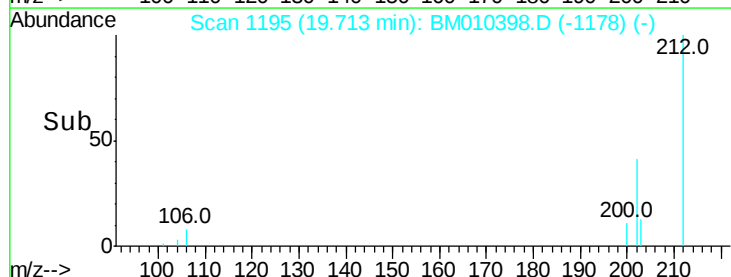
Abundance Ion 202.00 (201.70 to 202.70): E

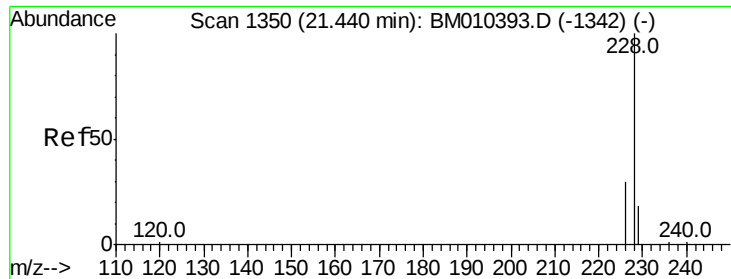
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->





#18

Benzo(a)anthracene

Concen: 0.05 ng/ul

RT: 21.43 min Scan# 1349

Delta R.T. -0.01 min

Lab File: BM010398.D

Acq: 02 Jun 2017 21:36

Instrument :

BNA\_M

ClientSampled :

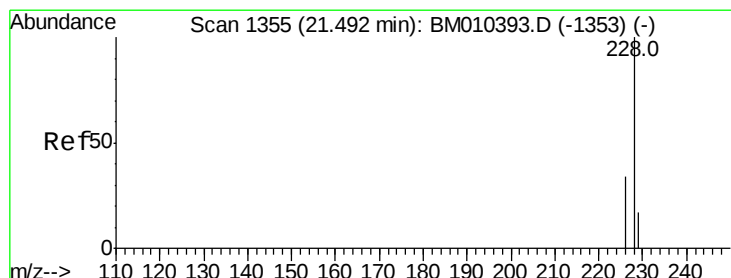
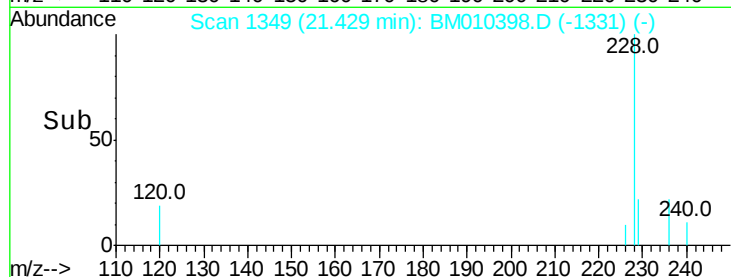
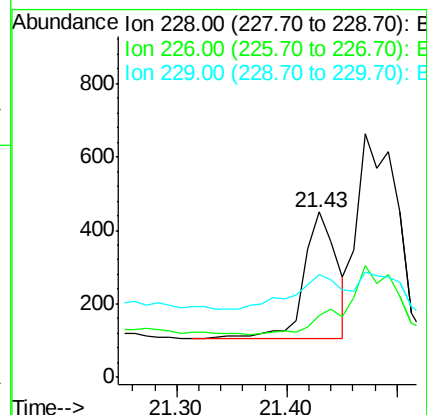
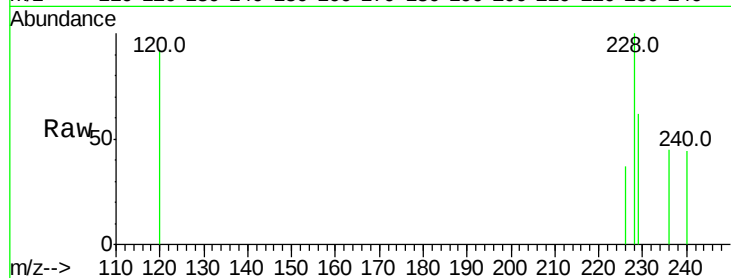
Tot Ion:228 Resp: 734

Ion Ratio Lower Upper

228 100

226 37.1 22.8 34.2#

229 62.4 17.0 25.6#



#19

Chrysene

Concen: 0.10 ng/ul

RT: 21.47 min Scan# 1353

Delta R.T. -0.02 min

Lab File: BM010398.D

Acq: 02 Jun 2017 21:36

Tgt Ion:228 Resp: 1406

Ion Ratio Lower Upper

228 100

226 45.9 23.4 35.0#

229 43.1 17.7 26.5#

