

Data Path : Z:\HPCHEM1\BNA\_E\DATA\BE061917\  
 Data File : BE093250.D  
 Acq On : 19 Jun 2017 14:49  
 Operator : SJ/MA  
 Sample : I3599-16  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 F5C92

Quant Time: Jun 20 04:19:44 2017  
 Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\SOM-EPA-SIM-BE060717.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jun 20 04:17:17 2017  
 Response via : Initial Calibration

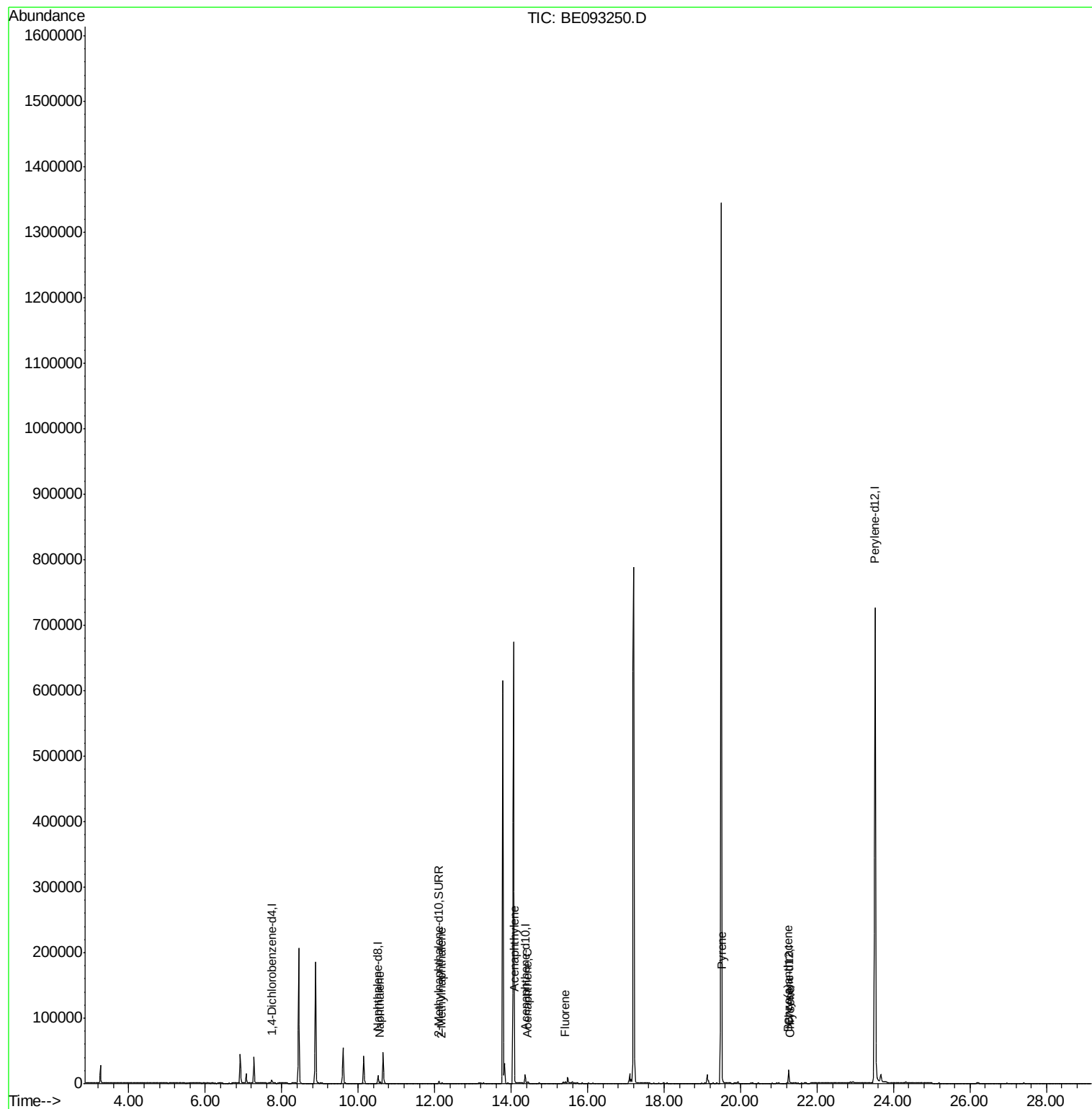
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.74  | 152  | 2467     | 0.40   | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.52 | 136  | 12483    | 0.40   | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.37 | 164  | 7794     | 0.40   | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 0.00  | 188  | 0        | 0.00   | ng/ul  | -17.10   |
| 16) Chrysene-d12            | 21.26 | 240  | 18056    | 0.40   | ng/ul  | 0.00     |
| 20) Perylene-d12            | 23.52 | 264  | 1029927  | 0.40   | ng/ul  | -0.15    |
| System Monitoring Compounds |       |      |          |        |        |          |
| 4) 2-Methylnaphthalene-d10  | 12.11 | 152  | 5058     | 0.28   | ng/ul  | 0.00     |
| 14) Fluoranthene-d10        | 19.13 | 212  | 14454    | 0.00   | ng/ul  | 0.00     |
| Target Compounds            |       |      |          | Qvalue |        |          |
| 3) Naphthalene              | 10.57 | 128  | 3154     | 0.102  | ng/ul# | 95       |
| 5) 2-Methylnaphthalene      | 12.18 | 142  | 946      | 0.045  | ng/ul  | 99       |
| 7) Acenaphthylene           | 14.09 | 152  | 478      | 0.014  | ng/ul# | 60       |
| 8) Acenaphthene             | 14.42 | 153  | 1067     | 0.040  | ng/ul  | 97       |
| 9) Fluorene                 | 15.42 | 166  | 1526     | 0.048  | ng/ul  | 96       |
| 17) Pyrene                  | 19.52 | 202  | 3737     | 0.070  | ng/ul# | 91       |
| 18) Benzo(a)anthracene      | 21.24 | 228  | 1179     | 0.024  | ng/ul# | 86       |
| 19) Chrysene                | 21.29 | 228  | 1172     | 0.023  | ng/ul# | 81       |

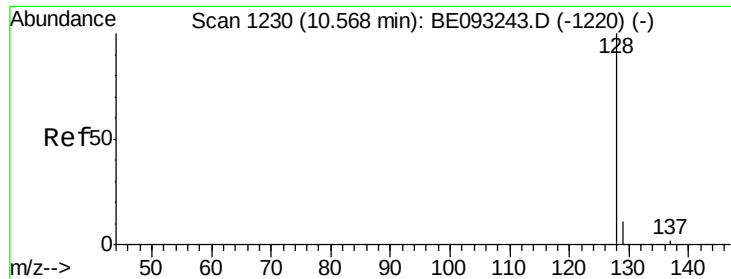
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.102 ng/ul

RT: 10.57 min Scan# 1230

Delta R.T. 0.00 min

Lab File: BE093250.D

Acq: 19 Jun 2017 14:49

Instrument :

BNA\_E

ClientSampleId :

F5C92

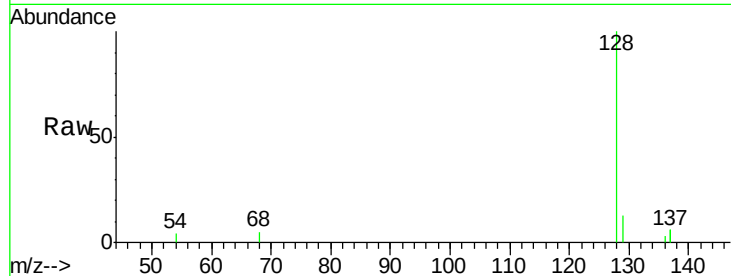
Tgt Ion:128 Resp: 3154

Ion Ratio Lower Upper

128 100

129 13.4 11.3 16.9

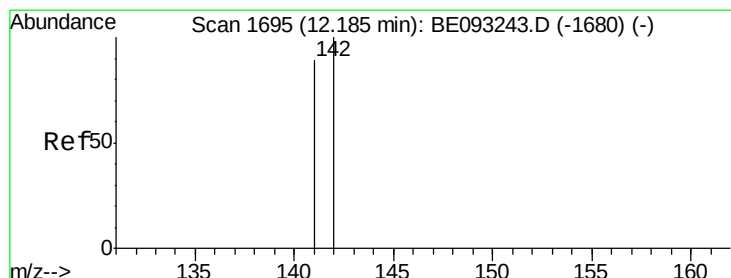
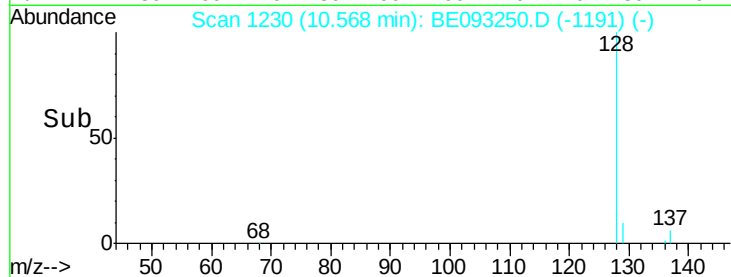
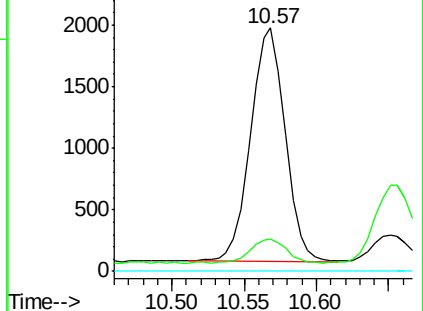
127 0.0 4.0 6.0#



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: 0.045 ng/ul

RT: 12.18 min Scan# 1694

Delta R.T. -0.00 min

Lab File: BE093250.D

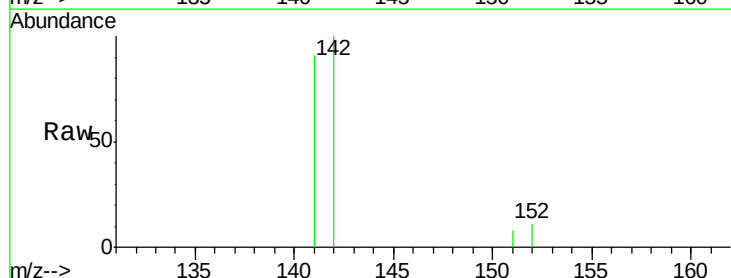
Acq: 19 Jun 2017 14:49

Tgt Ion:142 Resp: 946

Ion Ratio Lower Upper

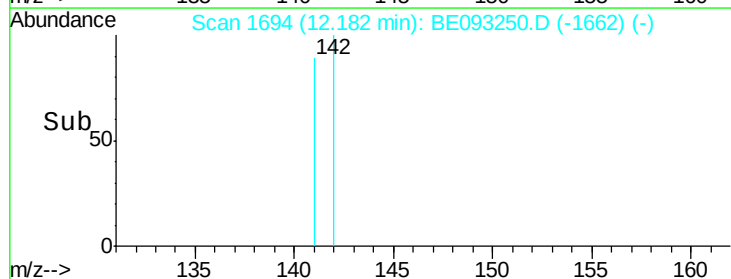
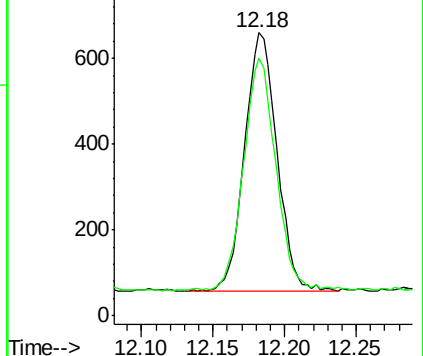
142 100

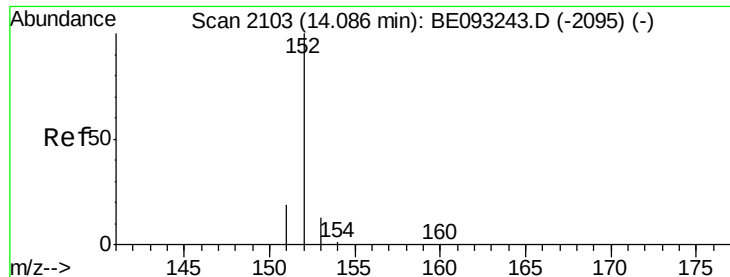
141 89.9 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.014 ng/ul

RT: 14.09 min Scan# 2103

Delta R.T. 0.00 min

Lab File: BE093250.D

Acq: 19 Jun 2017 14:49

Instrument :

BNA\_E

ClientSampleId :

F5C92

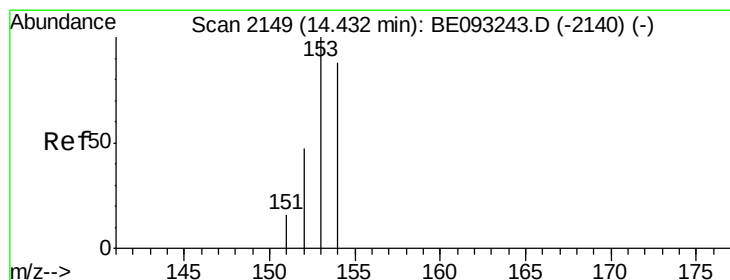
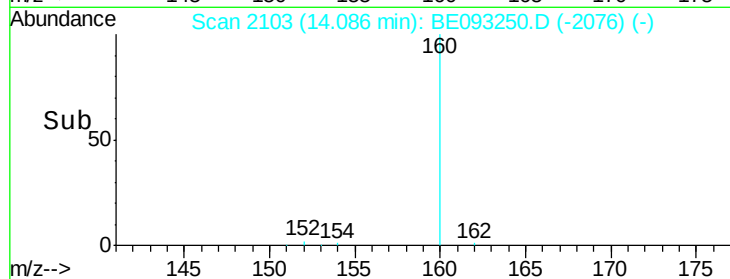
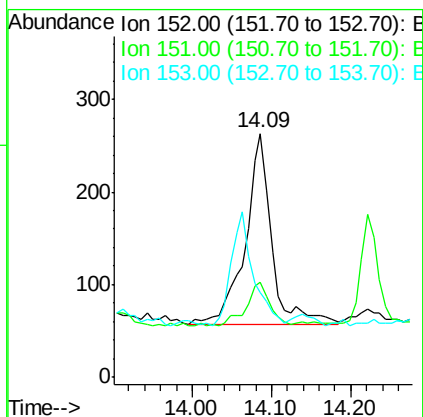
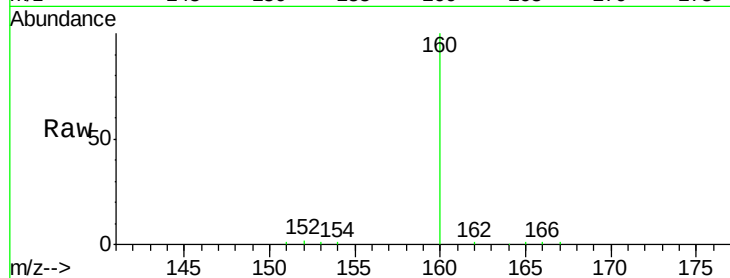
Tgt Ion:152 Resp: 478

Ion Ratio Lower Upper

152 100

151 38.8 17.1 25.7#

153 34.6 12.8 19.2#



#8

Acenaphthene

Concen: 0.040 ng/ul

RT: 14.42 min Scan# 2148

Delta R.T. -0.01 min

Lab File: BE093250.D

Acq: 19 Jun 2017 14:49

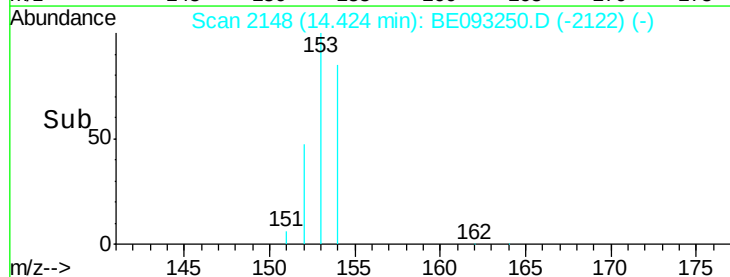
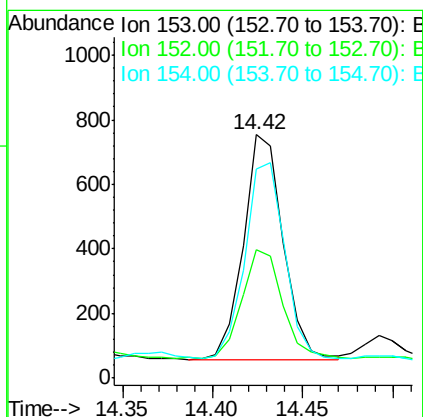
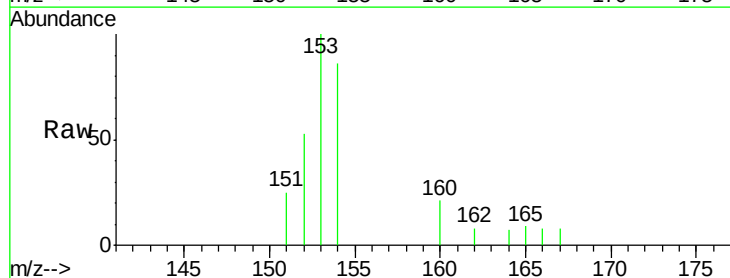
Tgt Ion:153 Resp: 1067

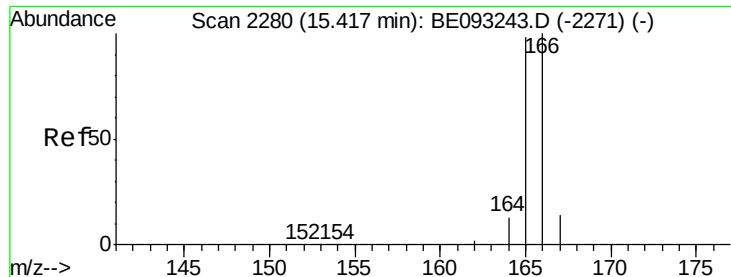
Ion Ratio Lower Upper

153 100

152 52.7 40.3 60.5

154 85.9 71.4 107.2





#9

Fluorene

Concen: 0.048 ng/ul

RT: 15.42 min Scan# 2280

Delta R.T. 0.00 min

Lab File: BE093250.D

Acq: 19 Jun 2017 14:49

Instrument :

BNA\_E

ClientSampleId :

F5C92

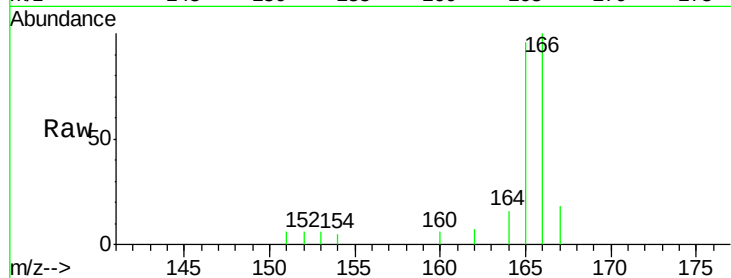
Tgt Ion:166 Resp: 1526

Ion Ratio Lower Upper

166 100

165 96.0 73.4 110.2

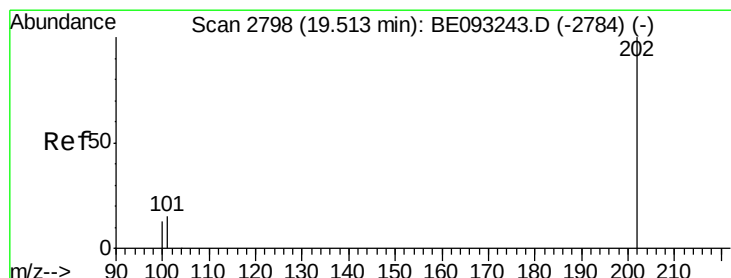
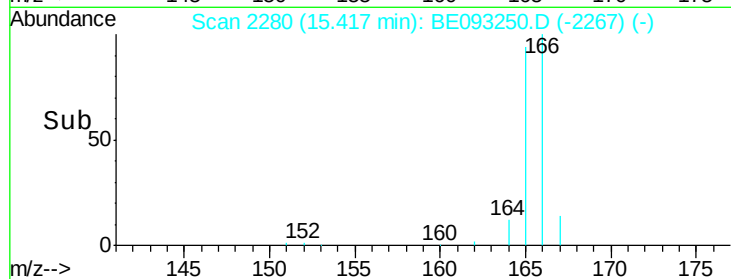
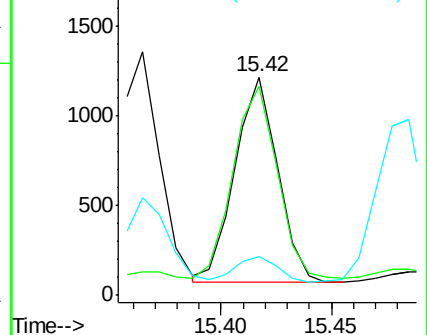
167 18.0 14.6 22.0



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



#17

Pyrene

Concen: 0.070 ng/ul

RT: 19.52 min Scan# 2799

Delta R.T. 0.00 min

Lab File: BE093250.D

Acq: 19 Jun 2017 14:49

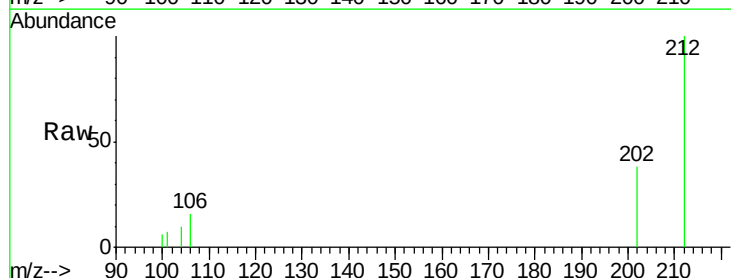
Tgt Ion:202 Resp: 3737

Ion Ratio Lower Upper

202 100

101 18.2 18.2 27.4#

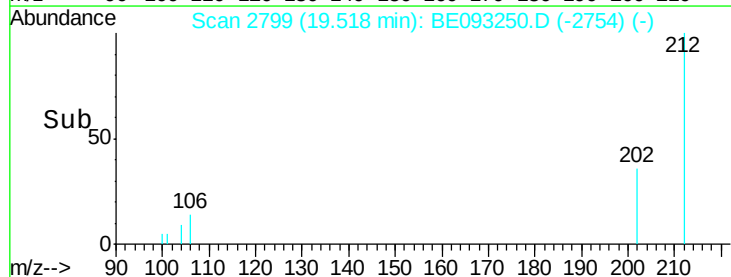
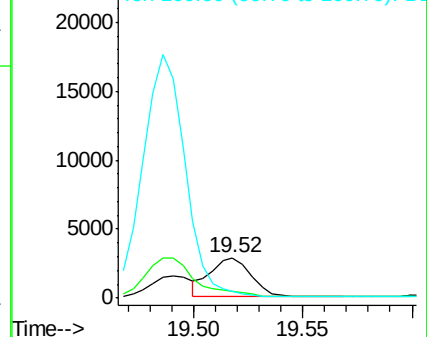
100 15.9 15.6 23.4

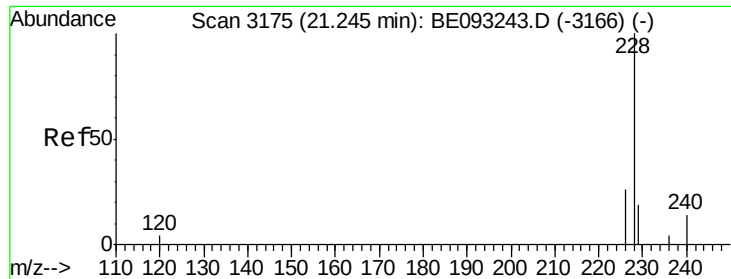


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#18

Benzo(a)anthracene

Concen: 0.024 ng/ul

RT: 21.24 min Scan# 3174

Delta R.T. -0.01 min

Lab File: BE093250.D

Acq: 19 Jun 2017 14:49

Instrument :

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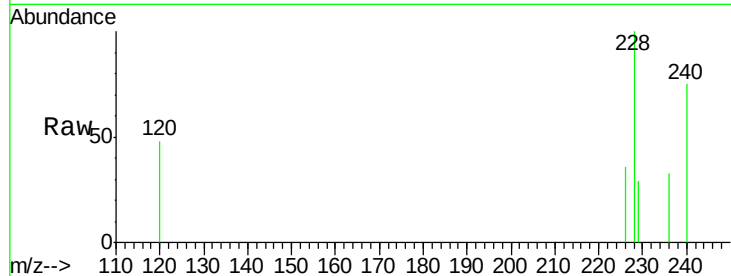
Tgt Ion:228 Resp: 1179

Ion Ratio Lower Upper

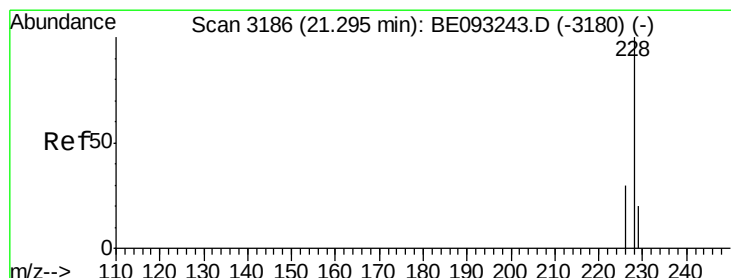
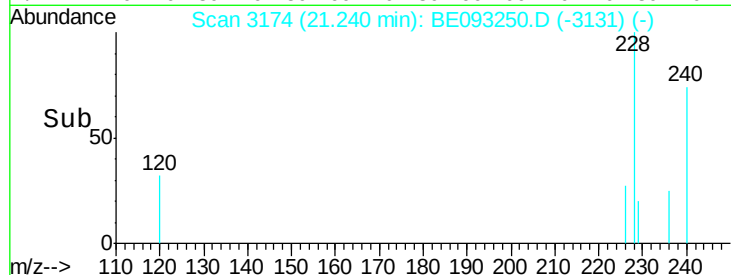
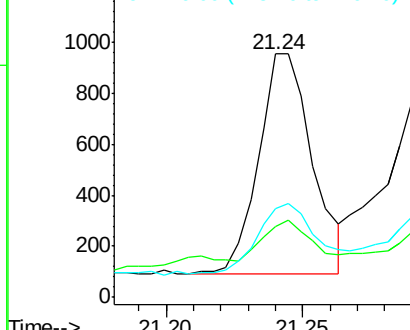
228 100

229 29.3 22.8 34.2

226 36.2 17.0 25.6#



Abundance Ion 228.00 (227.70 to 228.70): E  
Ion 229.00 (228.70 to 229.70): E  
Ion 226.00 (225.70 to 226.70): E



#19

Chrysene

Concen: 0.023 ng/ul

RT: 21.29 min Scan# 3186

Delta R.T. -0.00 min

Lab File: BE093250.D

Acq: 19 Jun 2017 14:49

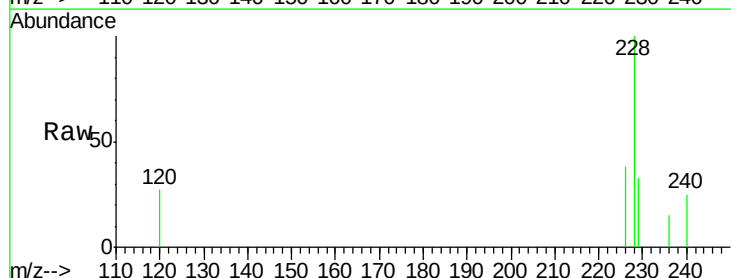
Tgt Ion:228 Resp: 1172

Ion Ratio Lower Upper

228 100

226 37.8 23.4 35.0#

229 32.7 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

