

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012918\  
 Data File : BE095242.D  
 Acq On : 29 Jan 2018 12:21  
 Operator : SJ/JU  
 Sample : J1233-01  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 F6B03

Quant Time: Jan 30 04:44:03 2018  
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jan 30 04:43:36 2018  
 Response via : Initial Calibration

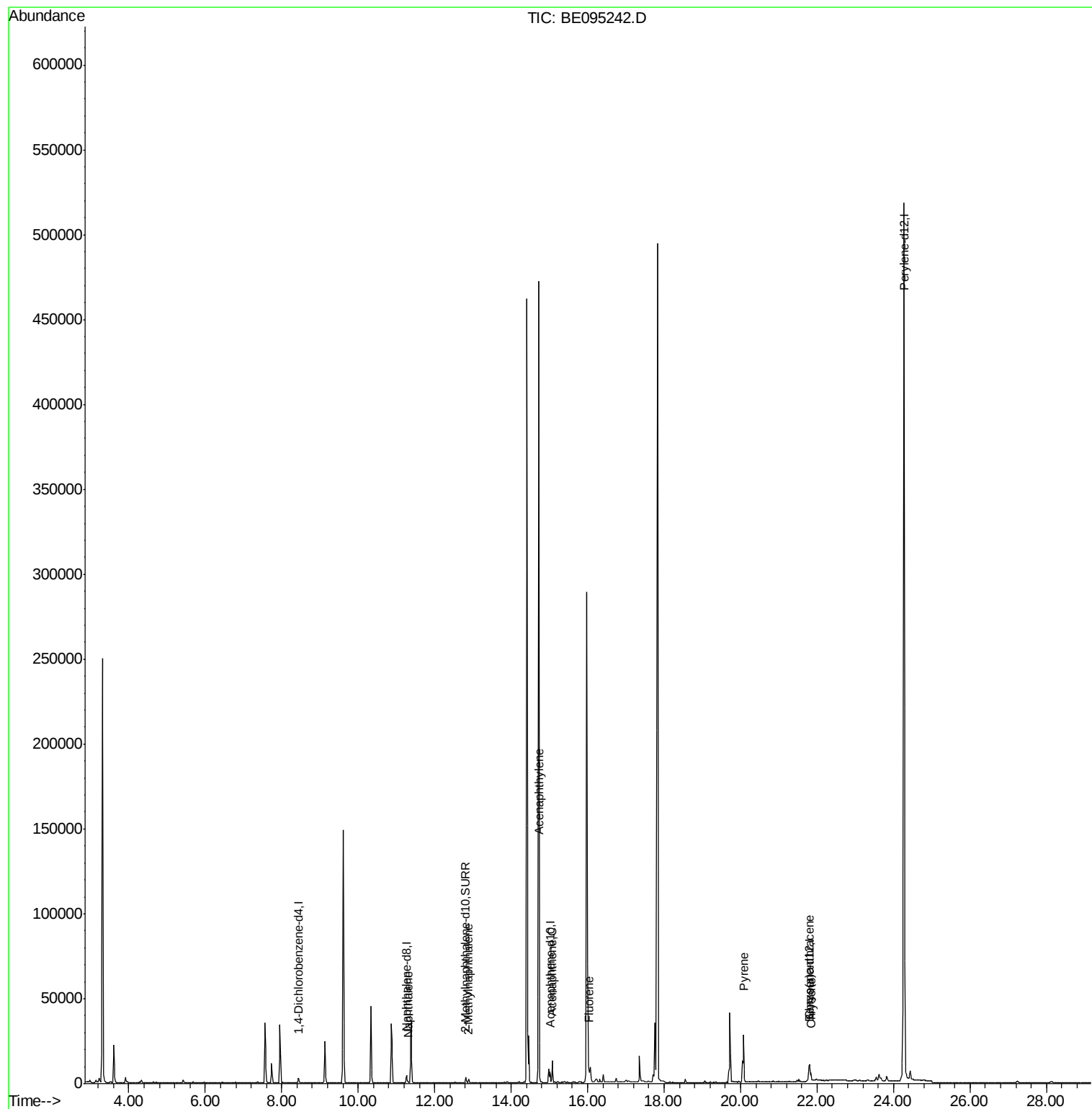
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 8.44  | 152  | 1957     | 0.40   | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 11.26 | 136  | 5846     | 0.40   | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 15.02 | 164  | 4018     | 0.40   | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 0.00  | 188  | 0        | 0.00   | ng/ul  | -17.71   |
| 16) Chrysene-d12            | 21.80 | 240  | 8434     | 0.40   | ng/ul  | 0.00     |
| 20) Perylene-d12            | 24.27 | 264  | 615559   | 0.40   | ng/ul  | -0.16    |
| System Monitoring Compounds |       |      |          |        |        |          |
| 4) 2-Methylnaphthalene-d10  | 12.81 | 152  | 3981     | 0.42   | ng/ul  | 0.00     |
| 14) Fluoranthene-d10        | 19.70 | 212  | 11565    | 0.00   | ng/ul  | 0.00     |
| Target Compounds            |       |      |          | Ovalue |        |          |
| 3) Naphthalene              | 11.32 | 128  | 434      | 0.027  | ng/ul# | 55       |
| 5) 2-Methylnaphthalene      | 12.89 | 142  | 1561     | 0.143  | ng/ul  | 100      |
| 7) Acenaphthylene           | 14.74 | 152  | 869      | 0.045  | ng/ul# | 66       |
| 8) Acenaphthene             | 15.08 | 153  | 7666     | 0.511  | ng/ul  | 98       |
| 9) Fluorene                 | 16.02 | 166  | 9227     | 0.597  | ng/ul# | 70       |
| 17) Pyrene                  | 20.08 | 202  | 30924    | 1.093  | ng/ul# | 79       |
| 18) Benzo(a)anthracene      | 21.79 | 228  | 7116     | 0.270  | ng/ul# | 87       |
| 19) Chrysene                | 21.84 | 228  | 5076     | 0.185  | ng/ul  | 95       |

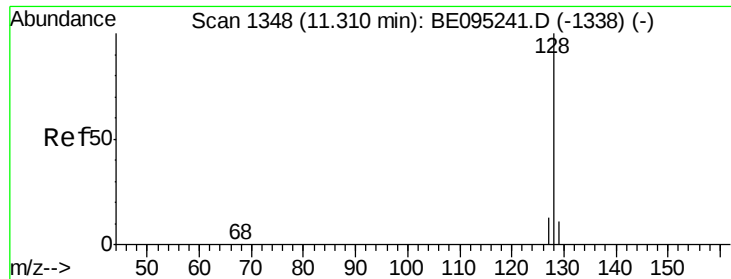
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012918\  
Data File : BE095242.D  
Acq On : 29 Jan 2018 12:21  
Operator : SJ/JU  
Sample : J1233-01  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampleId :  
F6B03

Quant Time: Jan 30 04:44:03 2018  
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Jan 30 04:43:36 2018  
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.027 ng/ul

RT: 11.32 min Scan# 1349

Delta R.T. 0.01 min

Lab File: BE095242.D

Acq: 29 Jan 2018 12:21

Instrument :

BNA\_E

ClientSampleId :

F6B03

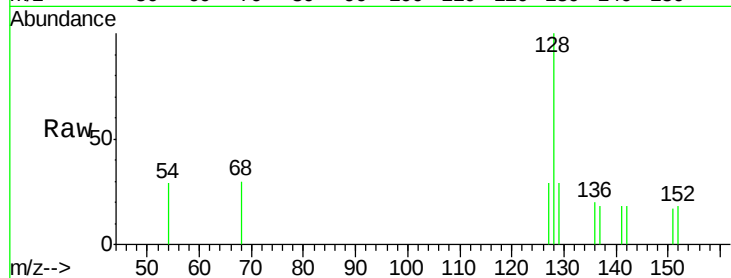
Tot Ion:128 Resp: 434

Ion Ratio Lower Upper

128 100

129 28.6 11.3 16.9#

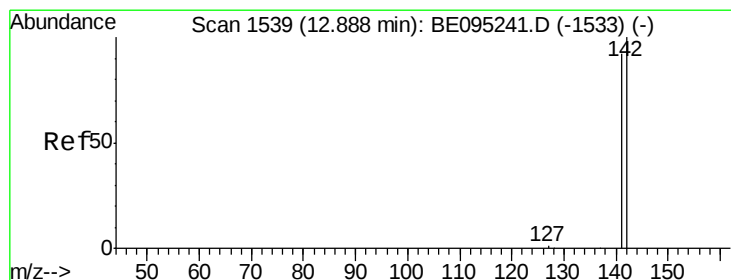
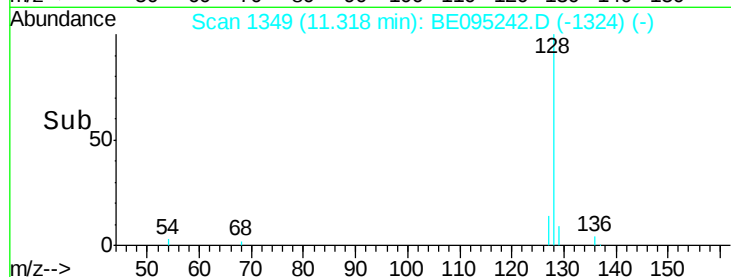
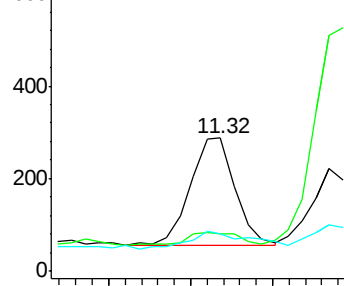
127 28.6 4.0 6.0#



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: 0.143 ng/ul

RT: 12.89 min Scan# 1539

Delta R.T. 0.00 min

Lab File: BE095242.D

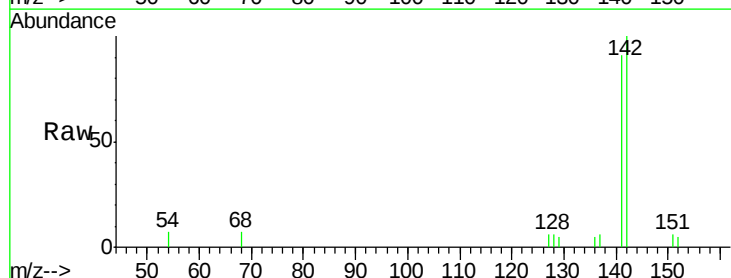
Acq: 29 Jan 2018 12:21

Tgt Ion:142 Resp: 1561

Ion Ratio Lower Upper

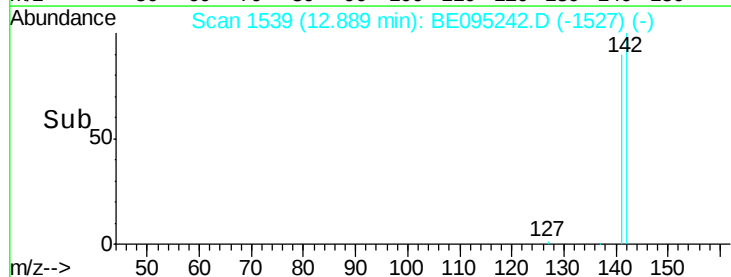
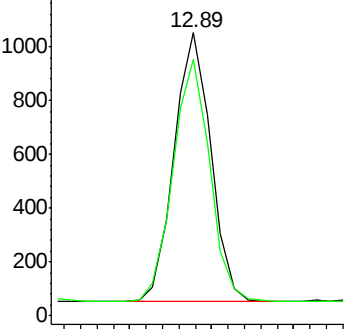
142 100

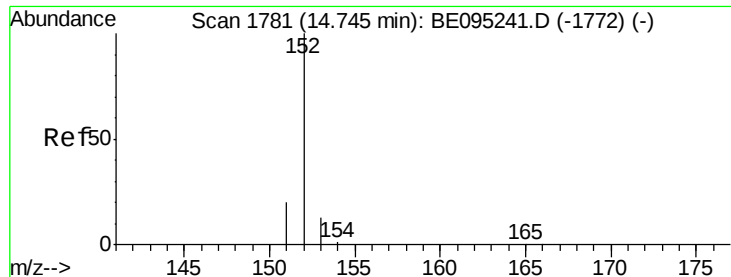
141 90.5 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.045 ng/ul

RT: 14.74 min Scan# 1781

Delta R.T. -0.00 min

Lab File: BE095242.D

Acq: 29 Jan 2018 12:21

Instrument :

BNA\_E

ClientSampleId :

F6B03

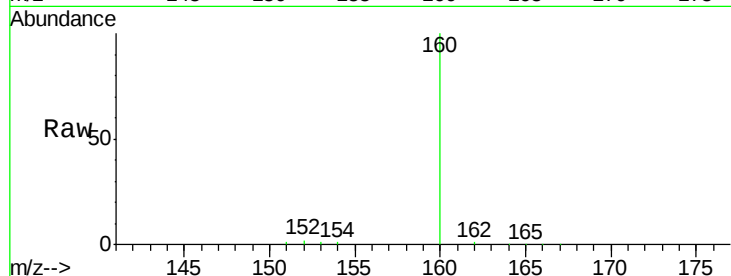
Tot Ion:152 Resp: 869

Ion Ratio Lower Upper

152 100

151 32.8 17.1 25.7#

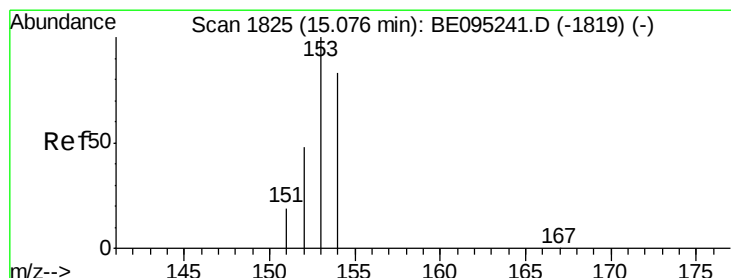
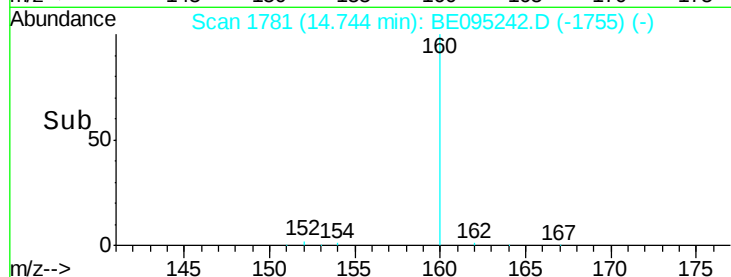
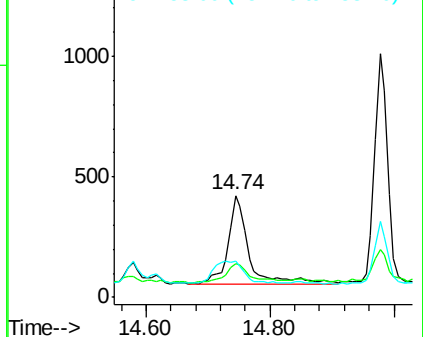
153 36.1 12.8 19.2#



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: 0.511 ng/ul

RT: 15.08 min Scan# 1826

Delta R.T. 0.01 min

Lab File: BE095242.D

Acq: 29 Jan 2018 12:21

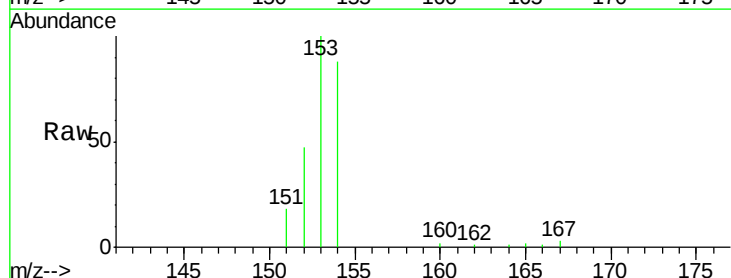
Tgt Ion:153 Resp: 7666

Ion Ratio Lower Upper

153 100

152 47.1 36.0 54.0

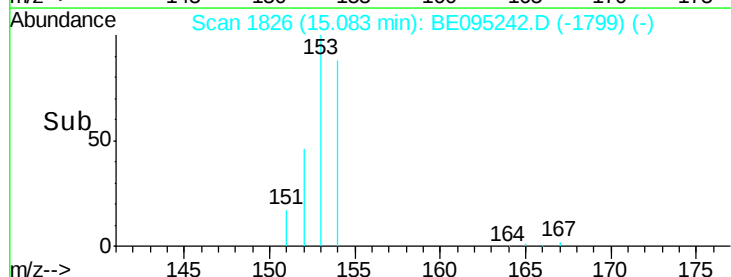
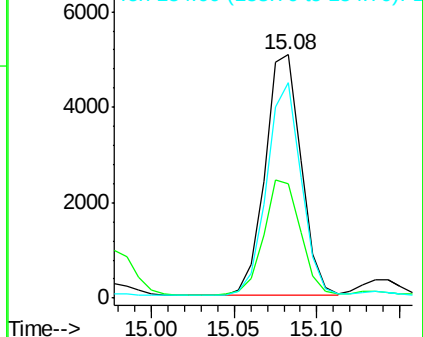
154 88.3 72.0 108.0

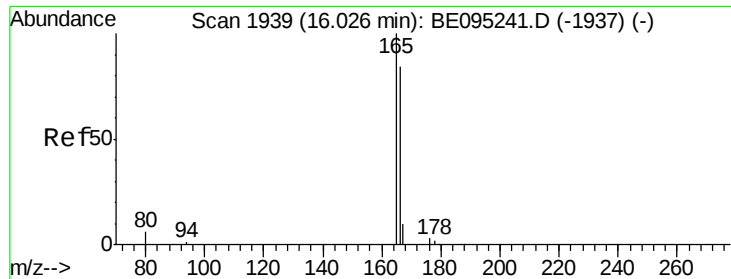


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.597 ng/ul

RT: 16.02 min Scan# 1939

Delta R.T. -0.00 min

Lab File: BE095242.D

Acq: 29 Jan 2018 12:21

Instrument :

BNA\_E

ClientSampleId :

F6B03

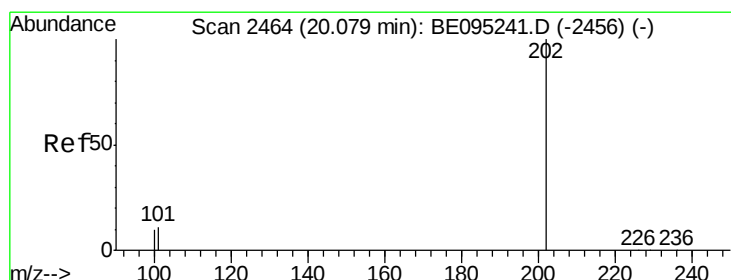
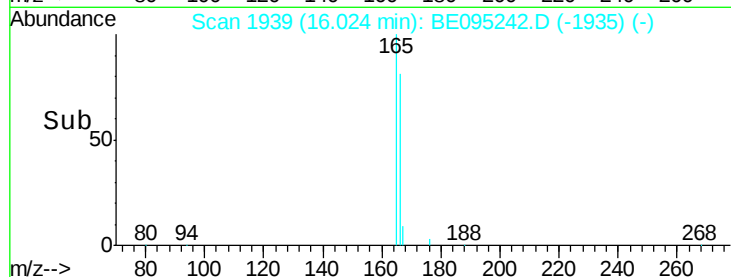
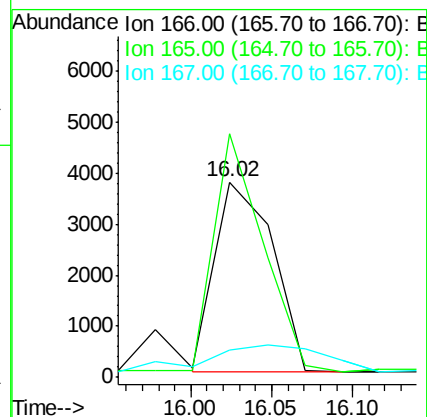
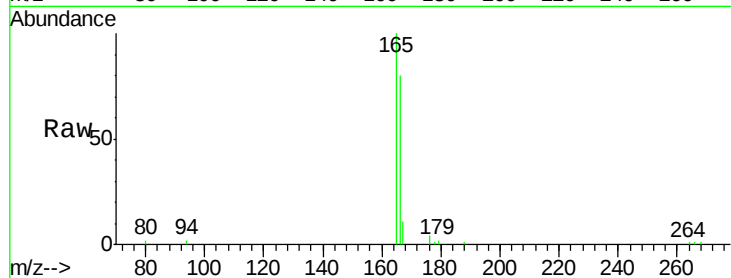
Tot Ion:166 Resp: 9227

Ion Ratio Lower Upper

166 100

165 124.5 73.4 110.2#

167 14.2 14.6 22.0#



#17

Pyrene

Concen: 1.093 ng/ul

RT: 20.08 min Scan# 2464

Delta R.T. 0.00 min

Lab File: BE095242.D

Acq: 29 Jan 2018 12:21

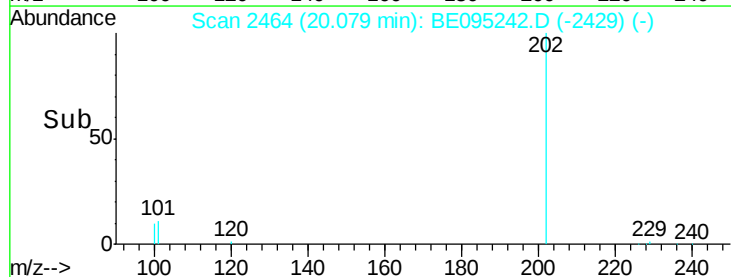
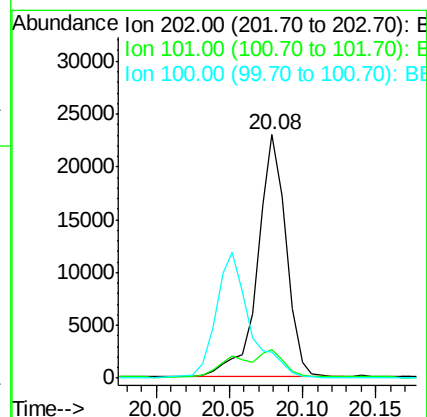
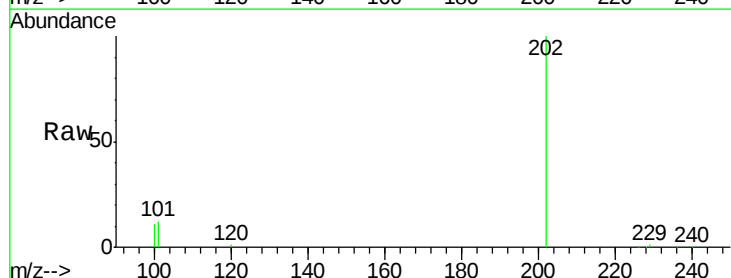
Tgt Ion:202 Resp: 30924

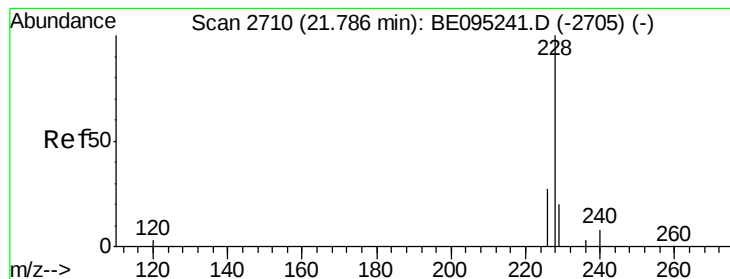
Ion Ratio Lower Upper

202 100

101 11.8 18.2 27.4#

100 10.7 15.6 23.4#





#18

Benzo(a)anthracene

Concen: 0.270 ng/ul

RT: 21.79 min Scan# 2710

Delta R.T. 0.00 min

Lab File: BE095242.D

Acq: 29 Jan 2018 12:21

Instrument :

BNA\_E

ClientSampleId :

F6B03

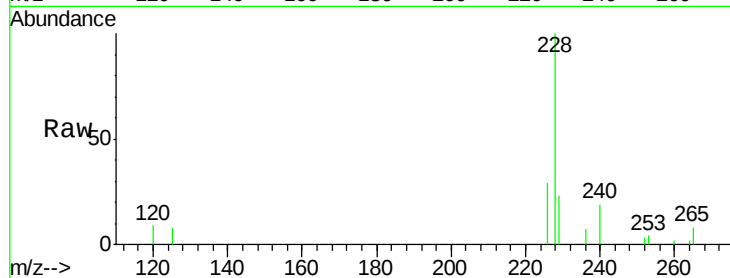
Tot Ion:228 Resp: 7116

Ion Ratio Lower Upper

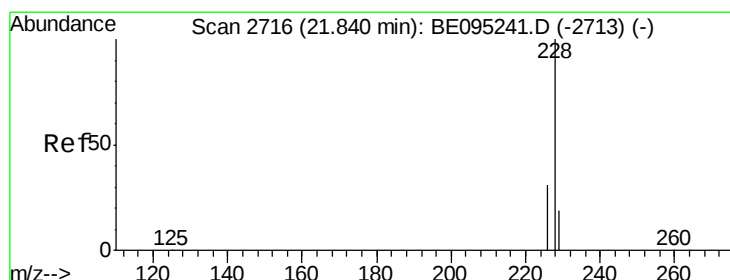
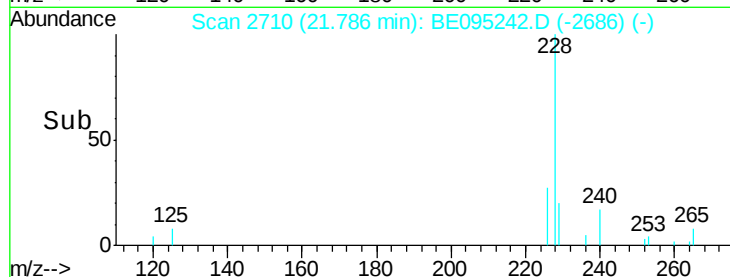
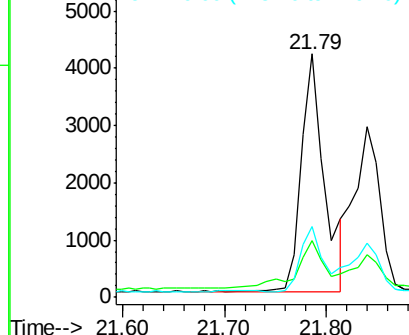
228 100

229 23.2 22.8 34.2

226 28.9 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: 0.185 ng/ul

RT: 21.84 min Scan# 2716

Delta R.T. 0.00 min

Lab File: BE095242.D

Acq: 29 Jan 2018 12:21

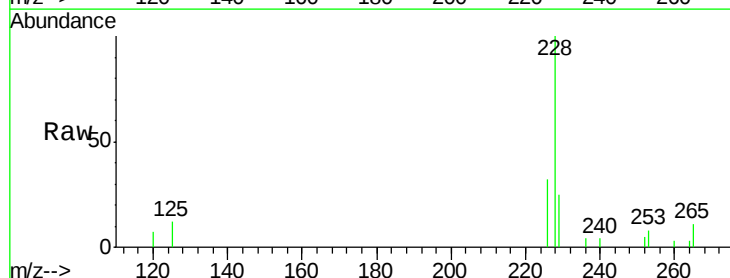
Tgt Ion:228 Resp: 5076

Ion Ratio Lower Upper

228 100

226 31.9 23.4 35.0

229 24.8 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

