

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012818\  
 Data File : BE095232.D  
 Acq On : 29 Jan 2018 6:14  
 Operator : SJ/JU  
 Sample : J1223-15  
 Misc :  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :

Quant Time: Jan 29 12:13:14 2018  
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jan 29 08:11:22 2018  
 Response via : Initial Calibration

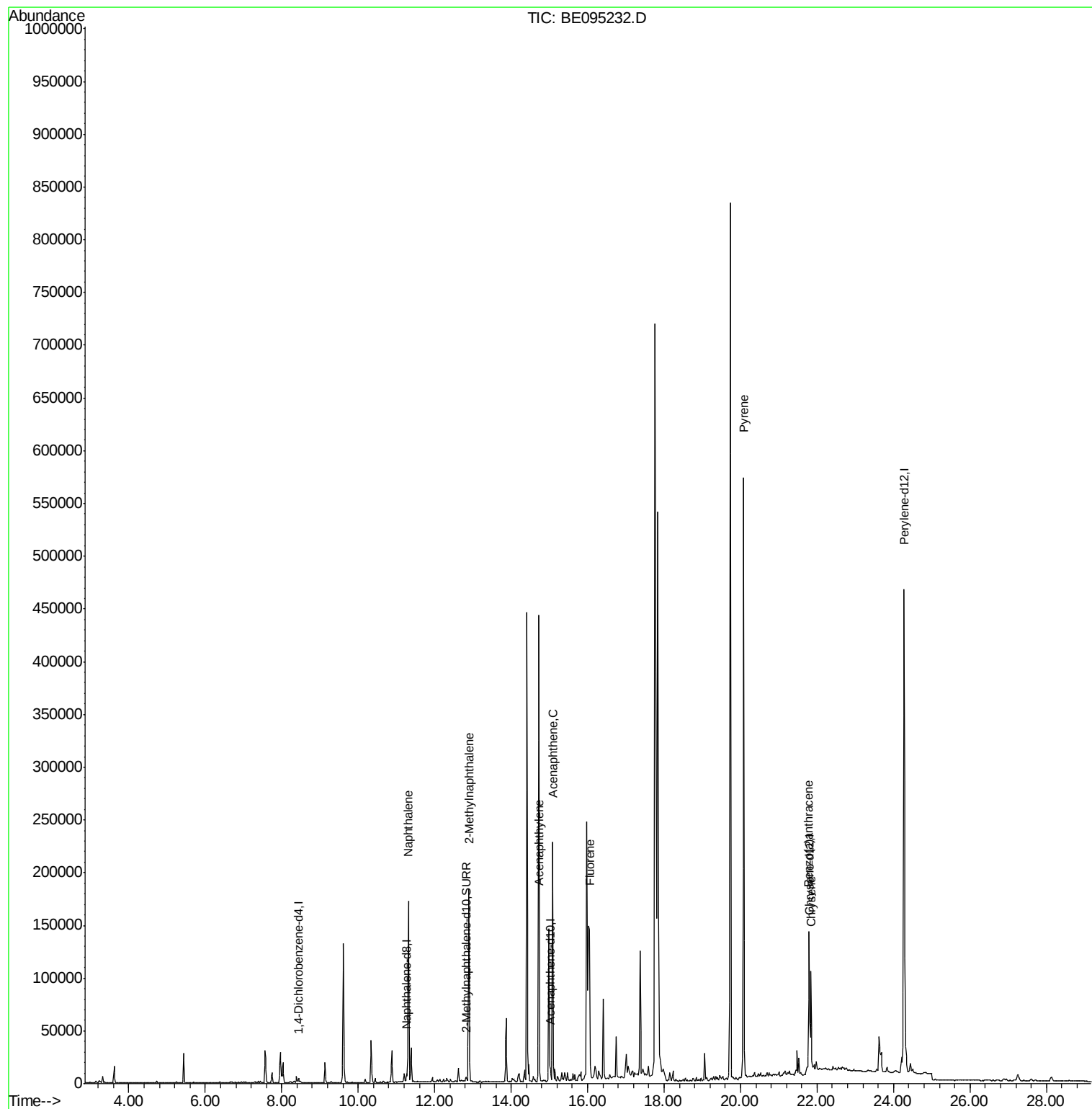
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 8.44  | 152  | 3025     | 0.40   | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 11.27 | 136  | 9618     | 0.40   | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 15.02 | 164  | 5942     | 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  | 12541    | 0.40   | ng/ul  | 0.00     |
| 20) Perylene-d12            | 24.27 | 264  | 602405   | 0.40   | ng/ul  | -0.16    |
| System Monitoring Compounds |       |      |          |        |        |          |
| 4) 2-Methylnaphthalene-d10  | 12.82 | 152  | 3830     | 0.24   | ng/ul  | 0.00     |
| 14) Fluoranthene-d10        | 19.70 | 212  | 11010    | 0.00   | ng/ul  | 0.00     |
| Target Compounds            |       |      |          | Ovalue |        |          |
| 3) Naphthalene              | 11.32 | 128  | 239627   | 8.897  | ng/ul# | 88       |
| 5) 2-Methylnaphthalene      | 12.89 | 142  | 151887   | 8.446  | ng/ul  | 100      |
| 7) Acenaphthylene           | 14.74 | 152  | 6338     | 0.222  | ng/ul# | 59       |
| 8) Acenaphthene             | 15.08 | 153  | 129092   | 5.820  | ng/ul  | 95       |
| 9) Fluorene                 | 16.05 | 166  | 185173   | 8.096  | ng/ul  | 89       |
| 17) Pyrene                  | 20.08 | 202  | 621774   | 14.775 | ng/ul# | 76       |
| 18) Benzo(a)anthracene      | 21.79 | 228  | 151817   | 3.872  | ng/ul# | 85       |
| 19) Chrysene                | 21.85 | 228  | 107063   | 2.630  | ng/ul  | 98       |

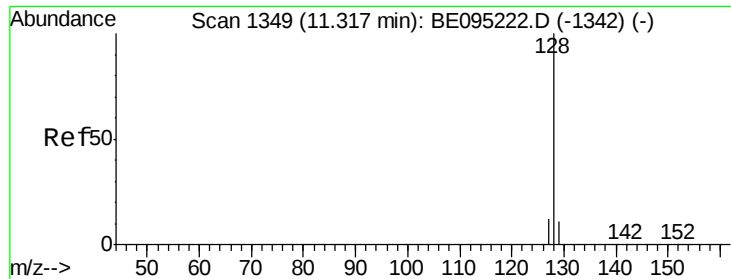
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 8.897 ng/ul

RT: 11.32 min Scan# 1349

Delta R.T. -0.00 min

Lab File: BE095232.D

Acq: 29 Jan 2018 6:14

Instrument :

BNA\_E

ClientSampleId :

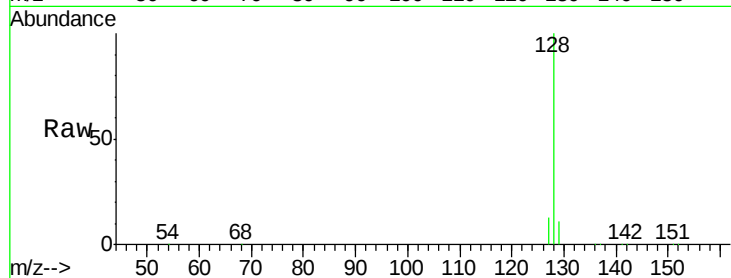
Tot Ion:128 Resp: 239627

Ion Ratio Lower Upper

128 100

129 11.2 11.3 16.9#

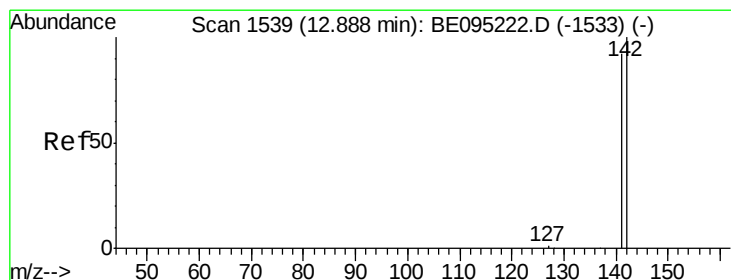
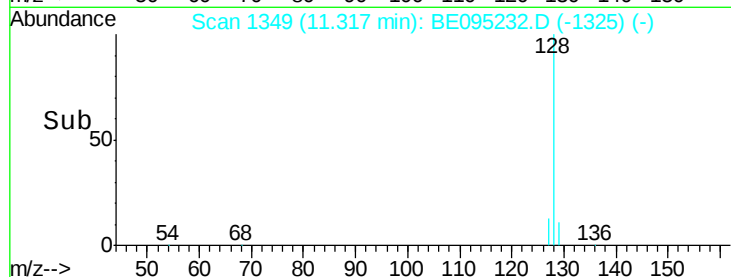
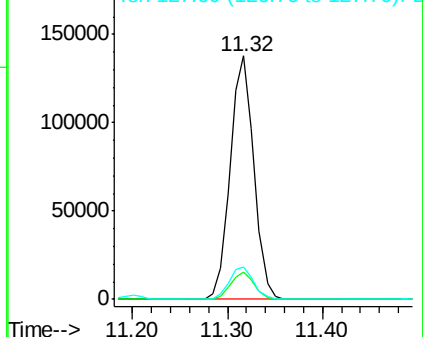
127 13.3 4.0 6.0#



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: 8.446 ng/ul

RT: 12.89 min Scan# 1539

Delta R.T. -0.00 min

Lab File: BE095232.D

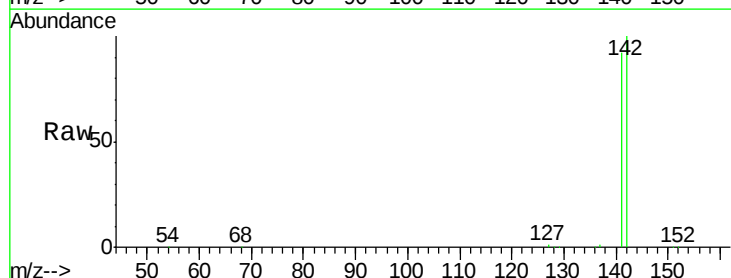
Acq: 29 Jan 2018 6:14

Tgt Ion:142 Resp: 151887

Ion Ratio Lower Upper

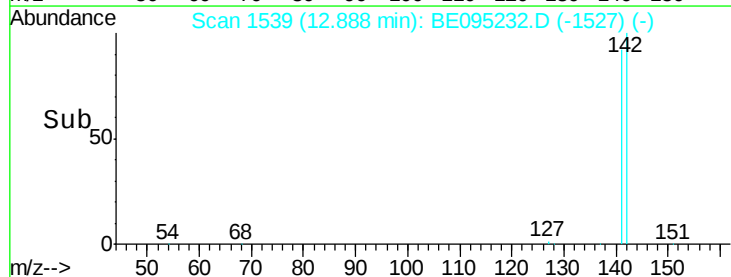
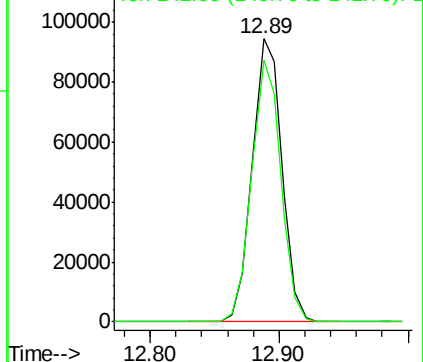
142 100

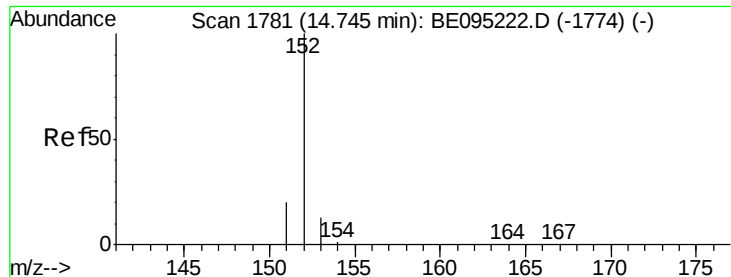
141 90.8 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.222 ng/ul

RT: 14.74 min Scan# 1781

Delta R.T. -0.00 min

Lab File: BE095232.D

Acq: 29 Jan 2018 6:14

Instrument :

BNA\_E

ClientSampleId :

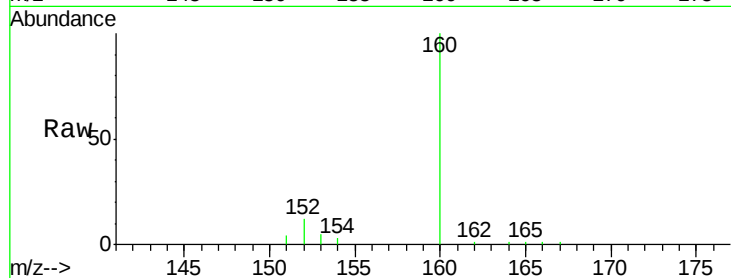
Tot Ion:152 Resp: 6338

Ion Ratio Lower Upper

152 100

151 33.3 17.1 25.7#

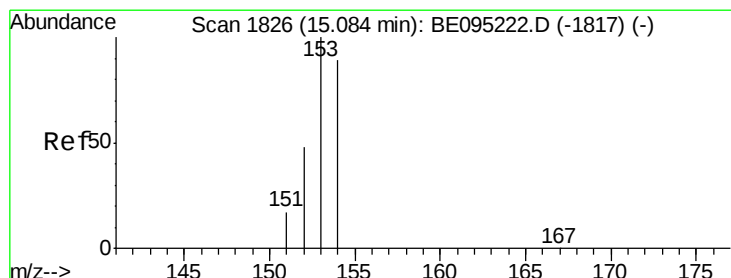
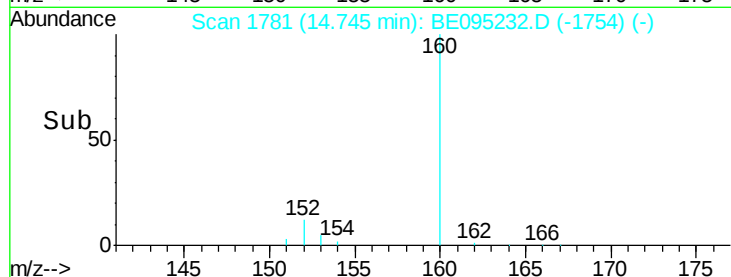
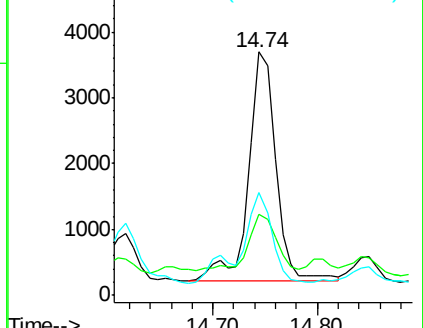
153 42.5 12.8 19.2#



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: 5.820 ng/ul

RT: 15.08 min Scan# 1826

Delta R.T. -0.00 min

Lab File: BE095232.D

Acq: 29 Jan 2018 6:14

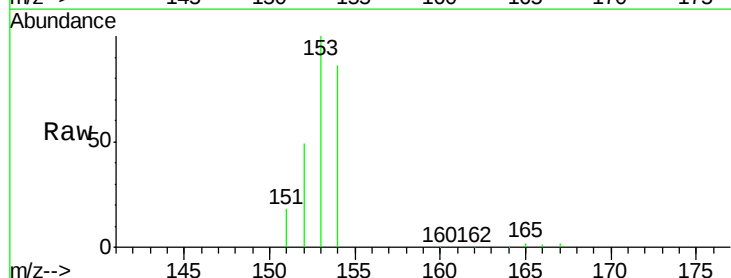
Tgt Ion:153 Resp: 129092

Ion Ratio Lower Upper

153 100

152 48.6 36.0 54.0

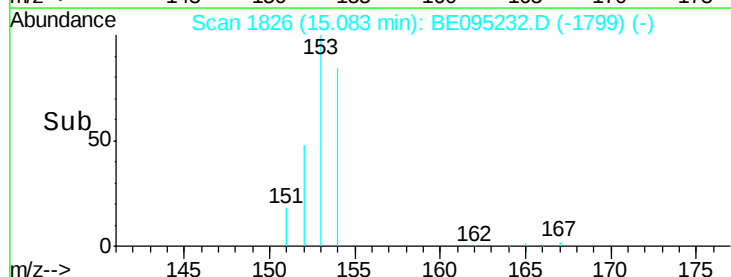
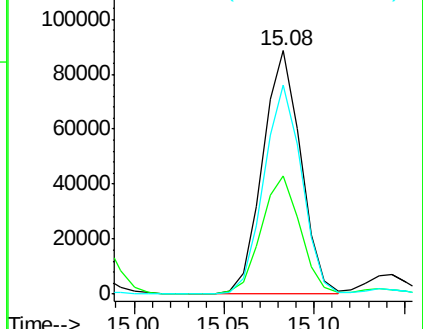
154 86.0 72.0 108.0

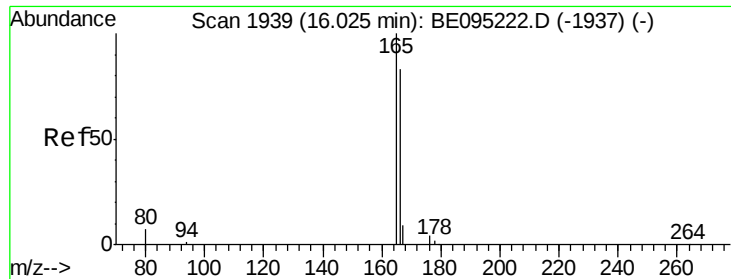


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

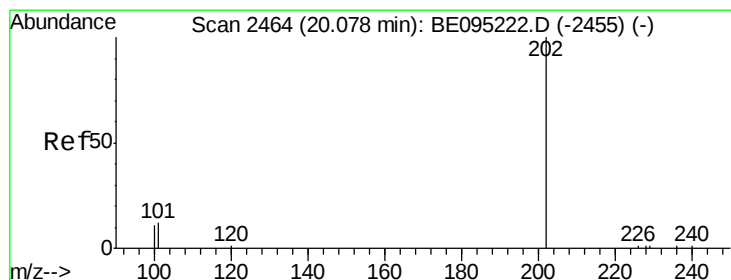
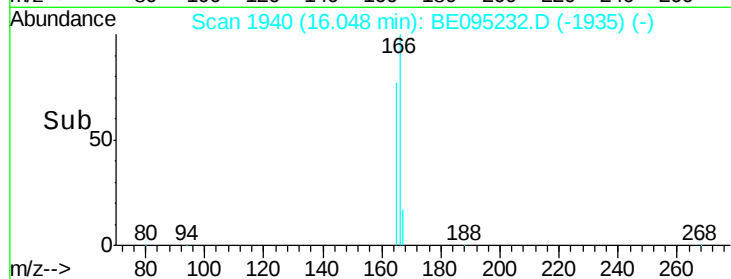
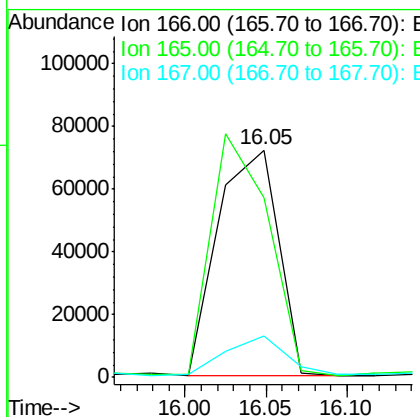
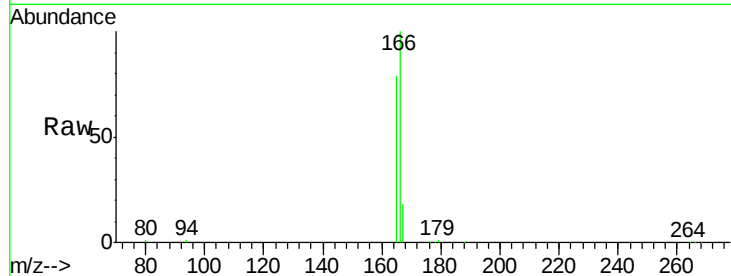




#9  
**Fluorene**  
 Concen: 8.096 ng/ul  
 RT: 16.05 min Scan# 1940  
 Delta R.T. 0.02 min  
 Lab File: BE095232.D  
 Acq: 29 Jan 2018 6:14

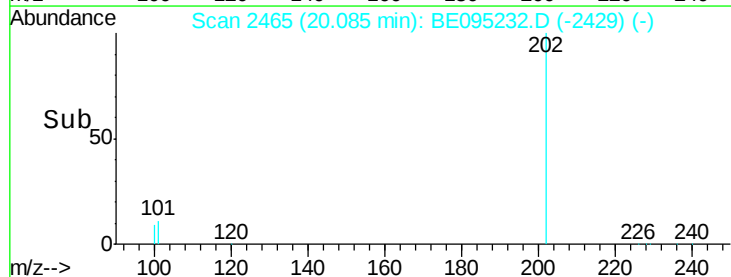
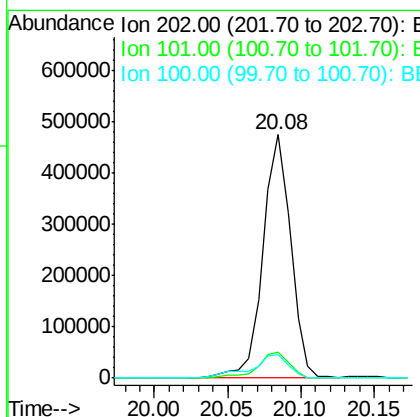
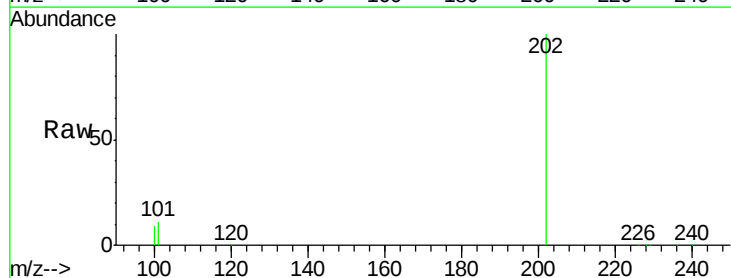
Instrument :  
 BNA\_E  
 ClientSampleId :

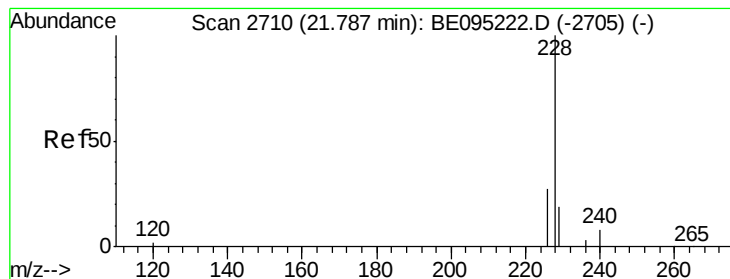
| Tot Ion   | 166   | Resp  | 185173 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 166       | 100   |       |        |
| 165       | 79.3  | 73.4  | 110.2  |
| 167       | 18.2  | 14.6  | 22.0   |



#17  
**Pyrene**  
 Concen: 14.775 ng/ul  
 RT: 20.08 min Scan# 2465  
 Delta R.T. 0.01 min  
 Lab File: BE095232.D  
 Acq: 29 Jan 2018 6:14

| Tgt Ion   | 202   | Resp  | 621774 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 101       | 10.8  | 18.2  | 27.4#  |
| 100       | 9.5   | 15.6  | 23.4#  |





#18

Benzo(a)anthracene

Concen: 3.872 ng/ul

RT: 21.79 min Scan# 2710

Delta R.T. 0.00 min

Lab File: BE095232.D

Acq: 29 Jan 2018 6:14

Instrument :

BNA\_E

ClientSampleId :

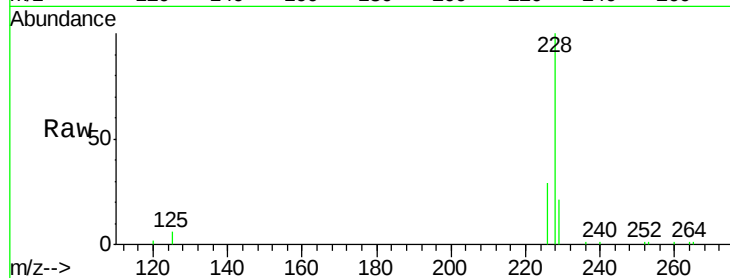
Tot Ion:228 Resp: 151817

Ion Ratio Lower Upper

228 100

229 21.2 22.8 34.2#

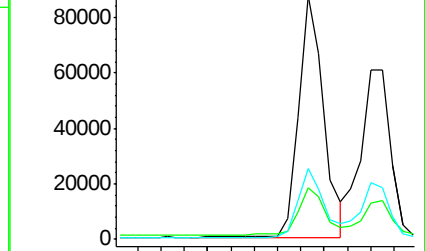
226 29.1 17.0 25.6#



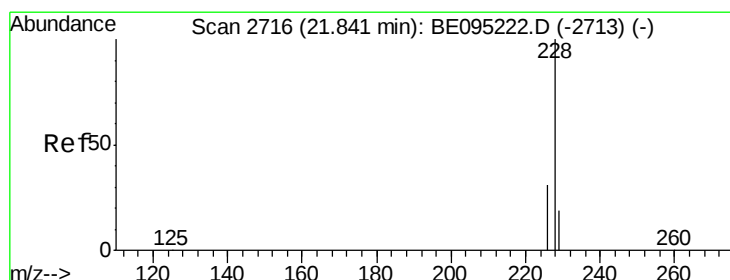
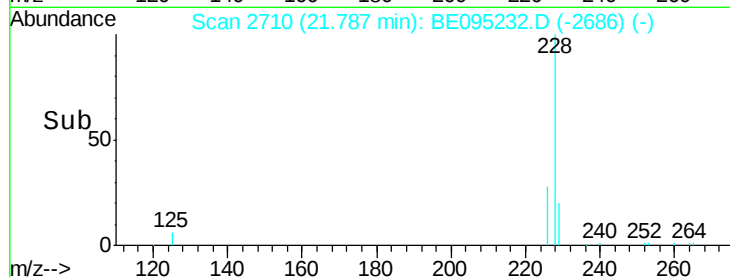
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



Time-->



#19

Chrysene

Concen: 2.630 ng/ul

RT: 21.85 min Scan# 2717

Delta R.T. 0.01 min

Lab File: BE095232.D

Acq: 29 Jan 2018 6:14

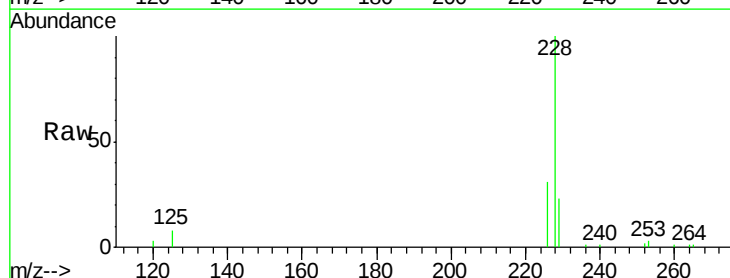
Tgt Ion:228 Resp: 107063

Ion Ratio Lower Upper

228 100

226 30.6 23.4 35.0

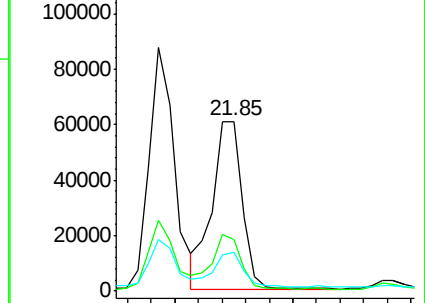
229 22.6 17.7 26.5



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



Time-->

