

Data Path : Z:\HPCHEM1\BNA E\DATA\BE020818\  
 Data File : BE095592.D  
 Acq On : 9 Feb 2018 5:45  
 Operator : SJ/JU  
 Sample : J1317-07  
 Misc :  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :

Quant Time: Feb 09 06:28:49 2018  
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Feb 09 04:15:12 2018  
 Response via : Initial Calibration

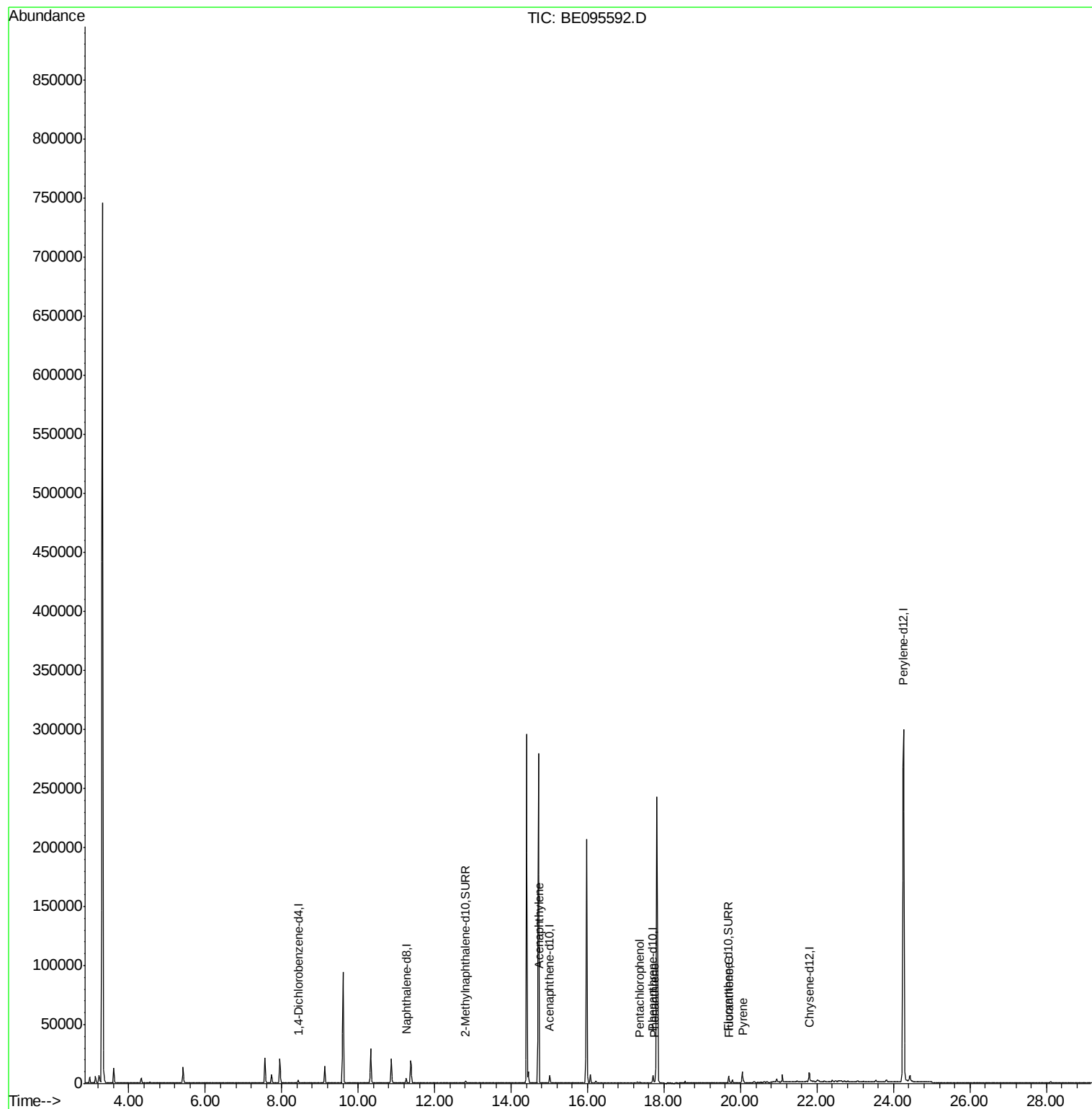
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 8.43  | 152  | 1927     | 0.40   | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 11.25 | 136  | 5608     | 0.40   | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 15.02 | 164  | 3606     | 0.40   | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 17.71 | 188  | 8528     | 0.40   | ng/ul  | 0.00     |
| 16) Chrysene-d12            | 21.79 | 240  | 8088     | 0.40   | ng/ul  | 0.00     |
| 20) Perylene-d12            | 24.26 | 264  | 343873   | 0.40   | ng/ul  | -0.16    |
| System Monitoring Compounds |       |      |          |        |        |          |
| 4) 2-Methylnaphthalene-d10  | 12.81 | 152  | 2393     | 0.26   | ng/ul  | 0.00     |
| 14) Fluoranthene-d10        | 19.69 | 212  | 6843     | 0.21   | ng/ul  | 0.00     |
| Target Compounds            |       |      |          | Ovalue |        |          |
| 7) Acenaphthylene           | 14.74 | 152  | 674      | 0.039  | ng/ul# | 77       |
| 11) Pentachlorophenol       | 17.36 | 266  | 639      | 0.387  | ng/ul  | 98       |
| 12) Phenanthrene            | 17.75 | 178  | 745      | 0.026  | ng/ul# | 67       |
| 15) Fluoranthene            | 19.72 | 202  | 784      | 0.021  | ng/ul  | 85       |
| 17) Pyrene                  | 20.07 | 202  | 3020     | 0.111  | ng/ul# | 90       |

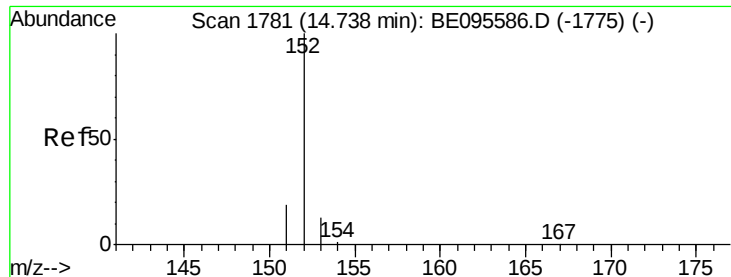
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#7

Acenaphthylene

Concen: 0.039 ng/ul

RT: 14.74 min Scan# 1780

Delta R.T. -0.00 min

Lab File: BE095592.D

Acq: 9 Feb 2018 5:45

Instrument :

BNA\_E

ClientSampleId :

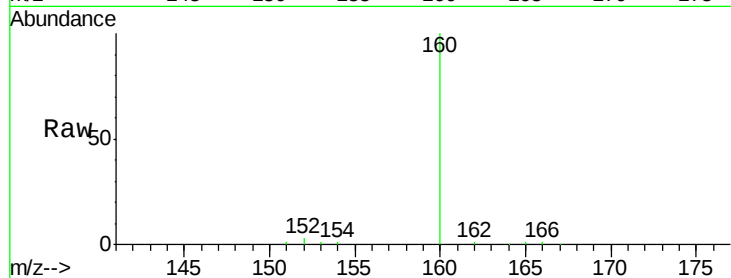
Tot Ion:152 Resp: 674

Ion Ratio Lower Upper

152 100

151 30.9 17.1 25.7#

153 27.1 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

14.74

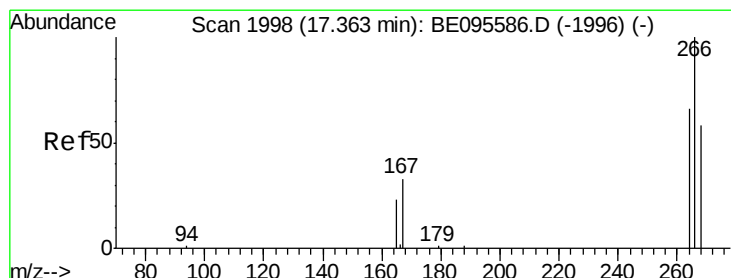
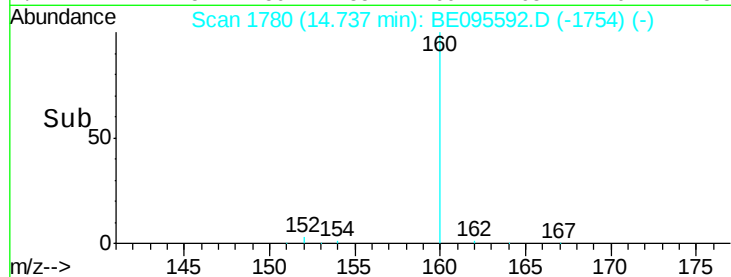
300

200

100

0

Time-->



#11

Pentachlorophenol

Concen: 0.387 ng/ul

RT: 17.36 min Scan# 1997

Delta R.T. -0.00 min

Lab File: BE095592.D

Acq: 9 Feb 2018 5:45

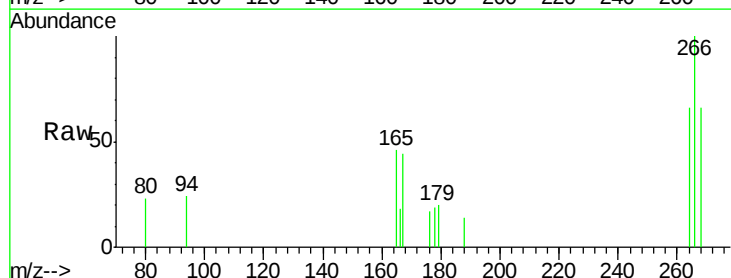
Tgt Ion:266 Resp: 639

Ion Ratio Lower Upper

266 100

264 59.0 47.9 71.9

268 64.0 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

17.36

400

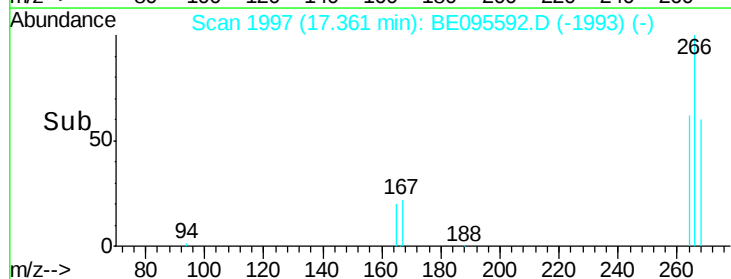
300

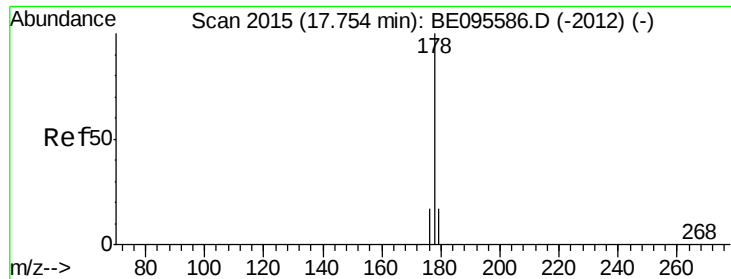
200

100

0

Time-->





#12

Phenanthrene

Concen: 0.026 ng/ul

RT: 17.75 min Scan# 2014

Delta R.T. -0.00 min

Lab File: BE095592.D

Acq: 9 Feb 2018 5:45

Instrument :

BNA\_E

ClientSampleId :

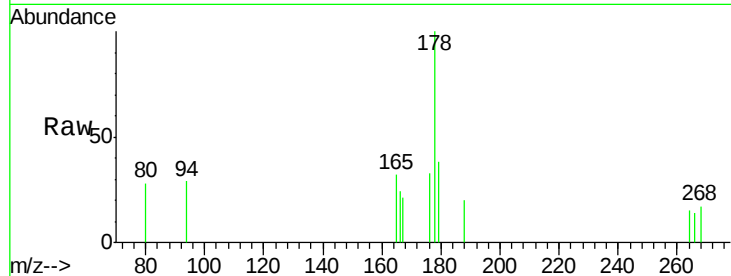
Tot Ion:178 Resp: 745

Ion Ratio Lower Upper

178 100

179 37.9 18.4 27.6#

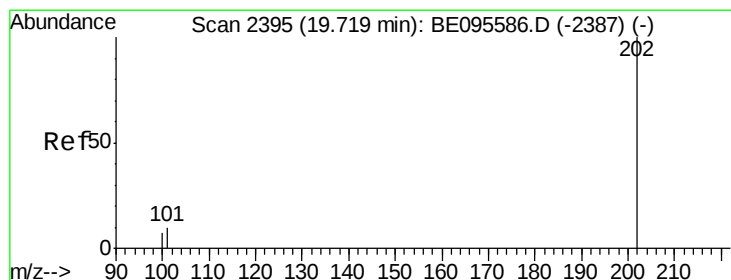
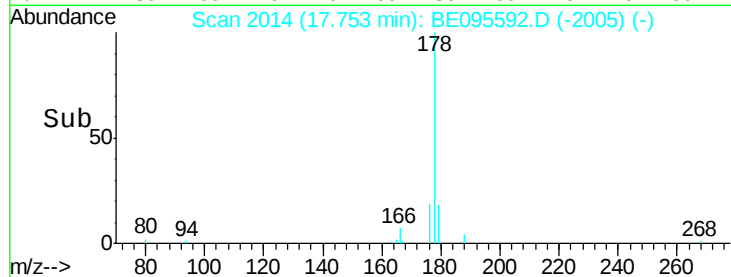
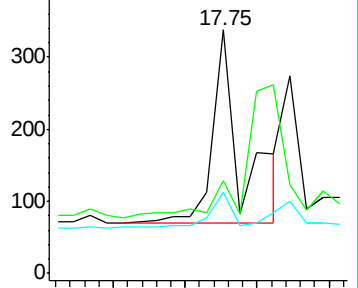
176 33.1 13.6 20.4#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#15

Fluoranthene

Concen: 0.021 ng/ul

RT: 19.72 min Scan# 2394

Delta R.T. 0.00 min

Lab File: BE095592.D

Acq: 9 Feb 2018 5:45

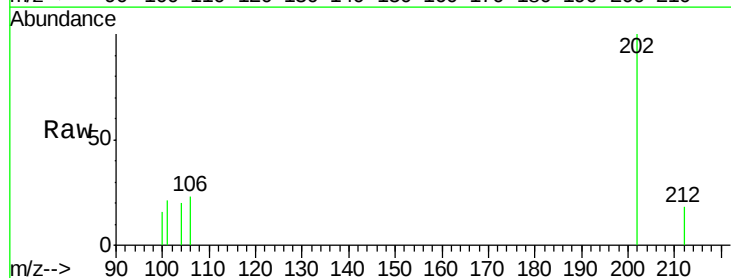
Tgt Ion:202 Resp: 784

Ion Ratio Lower Upper

202 100

101 21.0 0.0 30.3

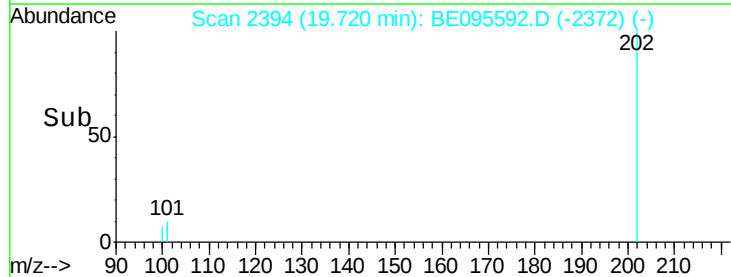
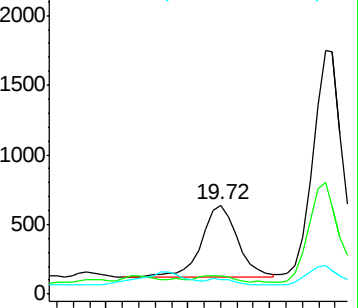
100 15.7 0.0 39.5

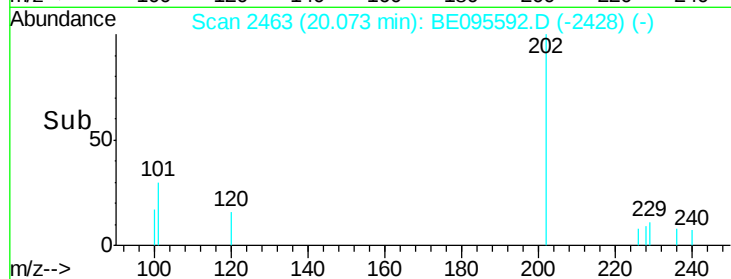
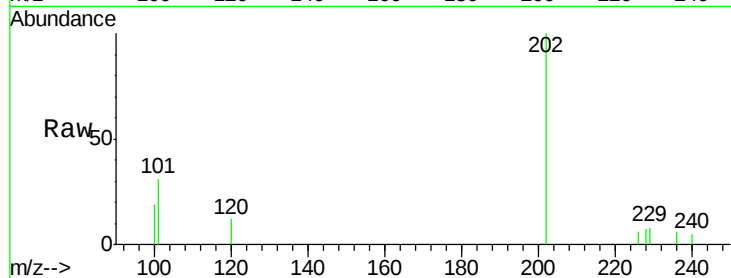
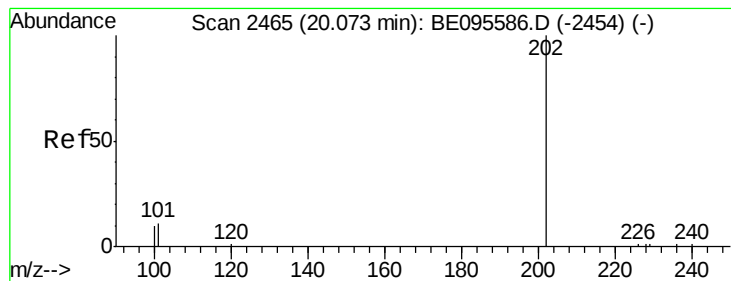


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#17

Pvrene

Concen: 0.111 ng/ul

RT: 20.07 min Scan# 2463

Delta R.T. 0.00 min

Lab File: BE095592.D

Acq: 9 Feb 2018 5:45

Instrument :

BNA\_E

ClientSampleId :

Tot Ion:202 Resp: 3020

Ion Ratio Lower Upper

202 100

101 31.4 18.2 27.4#

100 19.3 15.6 23.4

