

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031418\  
 Data File : BE095768.D  
 Acq On : 14 Mar 2018 17:32  
 Operator : SJ/JU  
 Sample : J1835-08  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :

Quant Time: Mar 15 03:09:59 2018  
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE031318.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Mar 15 03:09:28 2018  
 Response via : Initial Calibration

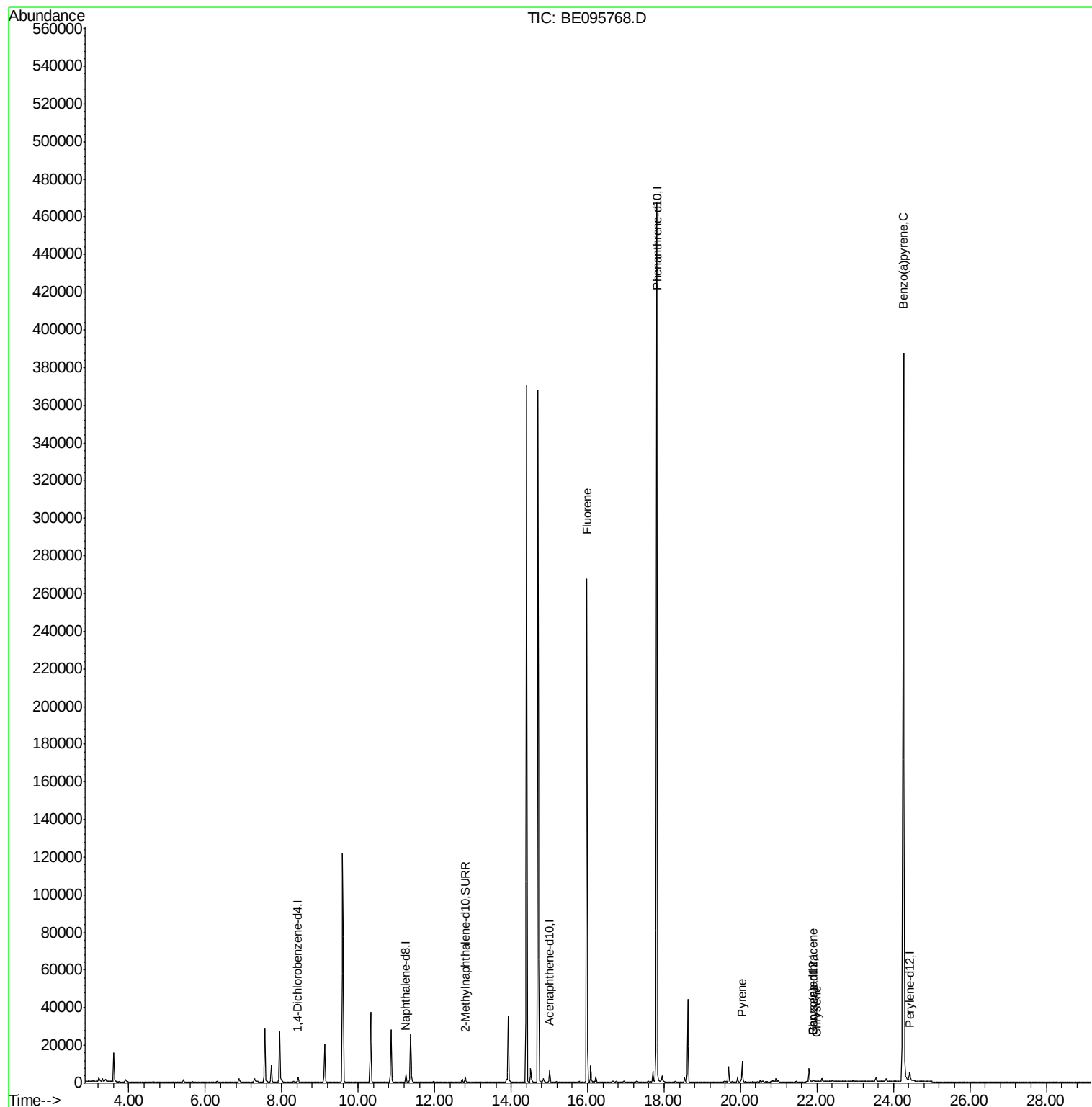
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 8.43  | 152  | 1865     | 0.40   | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 11.25 | 136  | 5237     | 0.40   | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 15.01 | 164  | 3397     | 0.40   | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 17.81 | 188  | 570289   | 0.40   | ng/ul  | 0.10     |
| 16) Chrysene-d12            | 21.90 | 240  | 37       | 0.40   | ng/ul  | 0.11     |
| 20) Perylene-d12            | 24.42 | 264  | 9607     | 0.40   | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |        |        |          |
| 4) 2-Methylnaphthalene-d10  | 12.80 | 152  | 3497     | 0.39   | ng/ul  | 0.00     |
| 14) Fluoranthene-d10        | 0.00  | 212  | 0        | 0.00   | ng/ul  |          |
| Target Compounds            |       |      |          | Ovalue |        |          |
| 9) Fluorene                 | 15.98 | 166  | 971      | 0.069  | ng/ul# | 22       |
| 17) Pyrene                  | 20.05 | 202  | 1382     | 9.837  | ng/ul# | 1        |
| 18) Benzo(a)anthracene      | 21.89 | 228  | 17       | 0.142  | ng/ul# | 1        |
| 19) Chrysene                | 21.98 | 228  | 10       | 0.082  | ng/ul# | 1        |
| 23) Benzo(a)pyrene          | 24.26 | 252  | 2328     | 0.077  | ng/ul# | 78       |

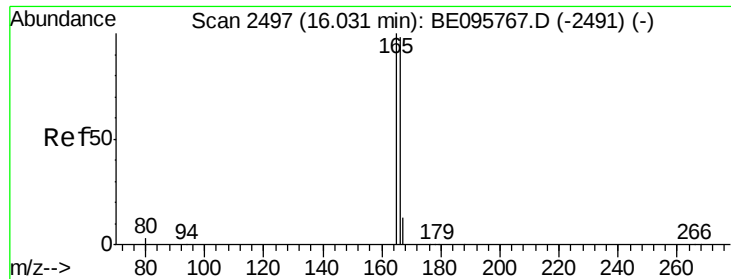
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#9

Fluorene

Concen: 0.069 ng/ul

RT: 15.98 min Scan# 2490

Delta R.T. -0.05 min

Lab File: BE095768.D

Acq: 14 Mar 2018 17:32

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BNA\_E

ClientSampleId :

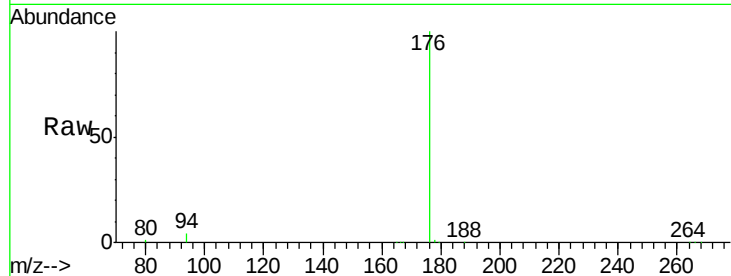
Tot Ion:166 Resp: 971

Ion Ratio Lower Upper

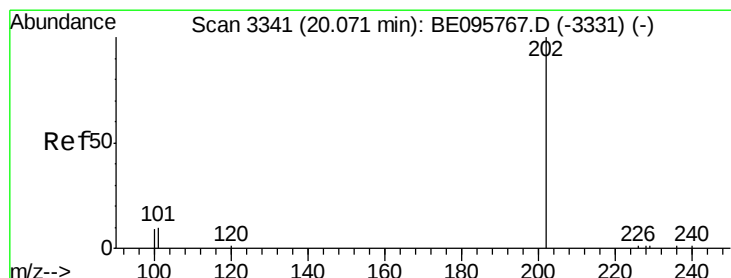
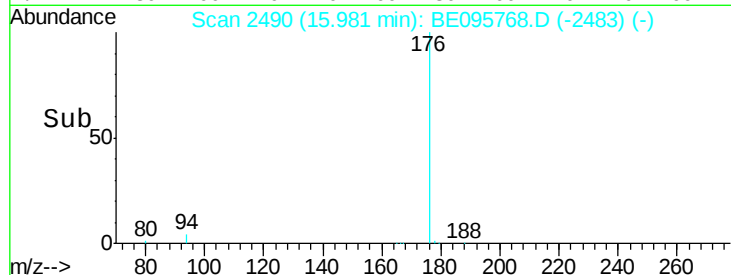
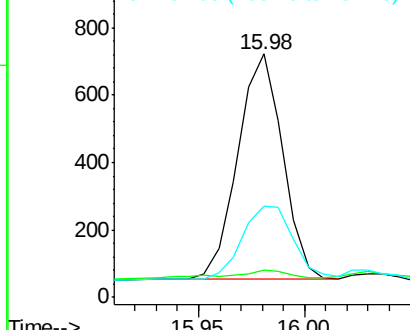
166 100

165 11.2 73.4 110.2#

167 37.5 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: 9.837 ng/ul

RT: 20.05 min Scan# 3338

Delta R.T. -0.03 min

Lab File: BE095768.D

Acq: 14 Mar 2018 17:32

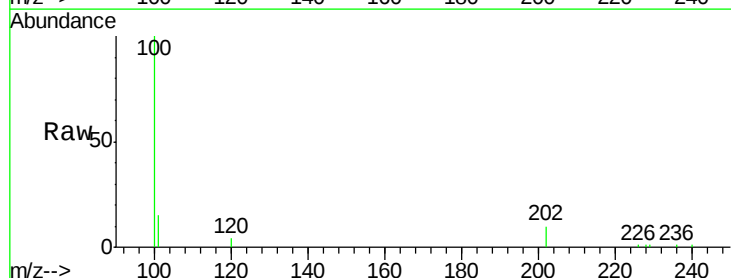
Tgt Ion:202 Resp: 1382

Ion Ratio Lower Upper

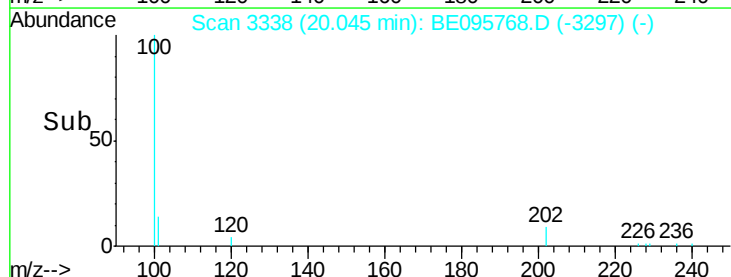
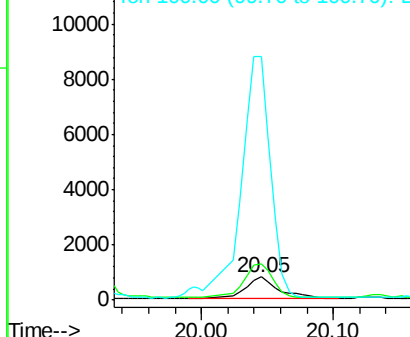
202 100

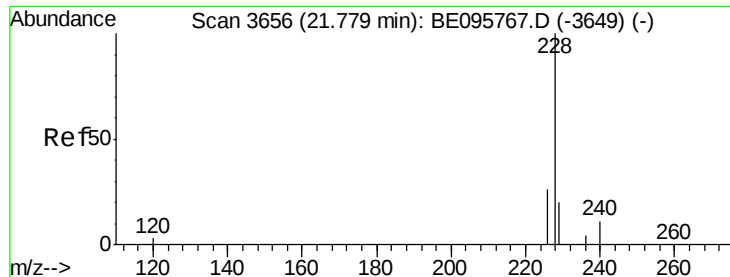
101 155.2 18.2 27.4#

100 1052.4 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: 0.142 ng/ul

RT: 21.89 min Scan# 3674

Delta R.T. 0.11 min

Lab File: BE095768.D

Acq: 14 Mar 2018 17:32

Instrument :

BNA\_E

ClientSampleId :

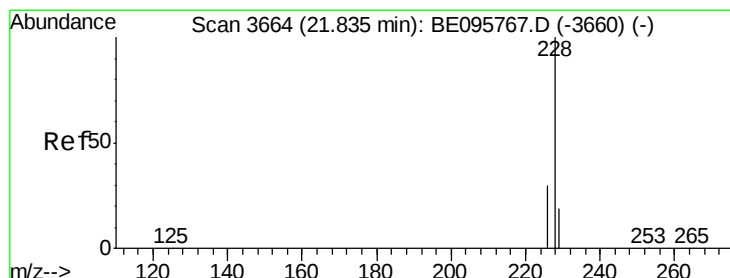
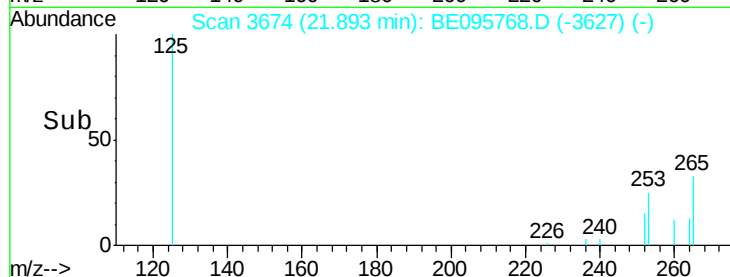
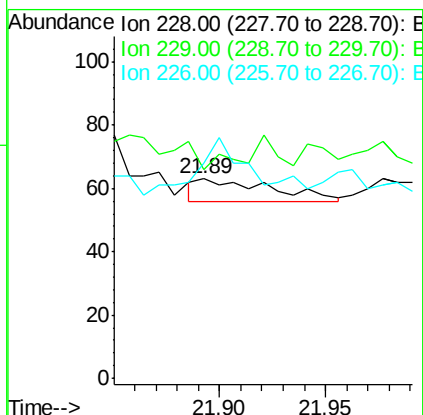
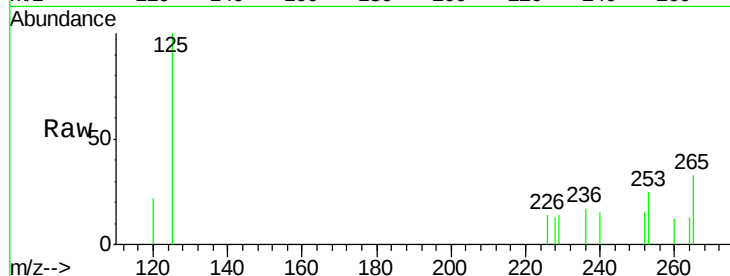
Tot Ion:228 Resp: 17

Ion Ratio Lower Upper

228 100

229 104.8 22.8 34.2#

226 107.9 17.0 25.6#



#19

Chrysene

Concen: 0.082 ng/ul

RT: 21.98 min Scan# 3686

Delta R.T. 0.14 min

Lab File: BE095768.D

Acq: 14 Mar 2018 17:32

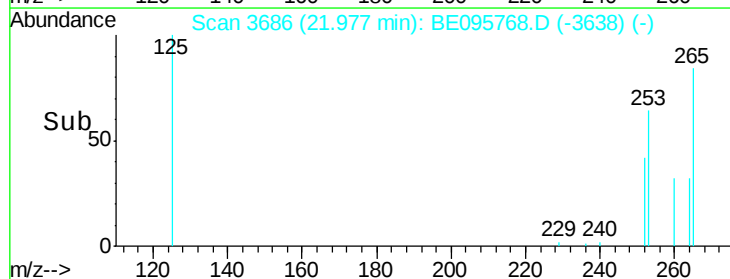
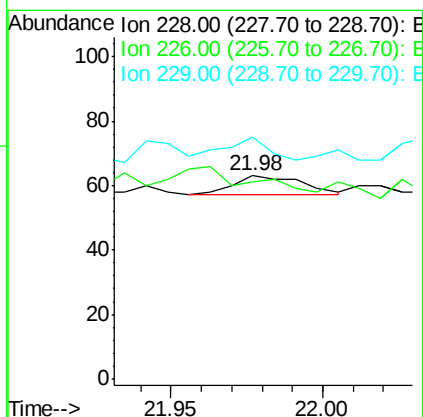
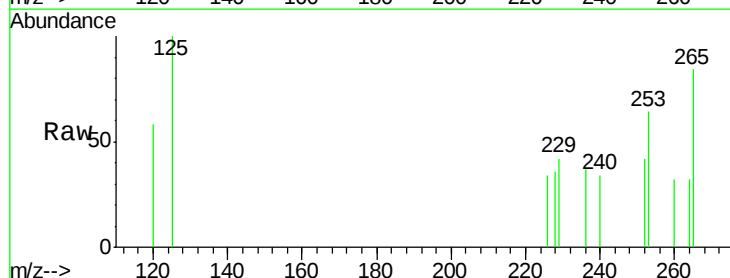
Tgt Ion:228 Resp: 10

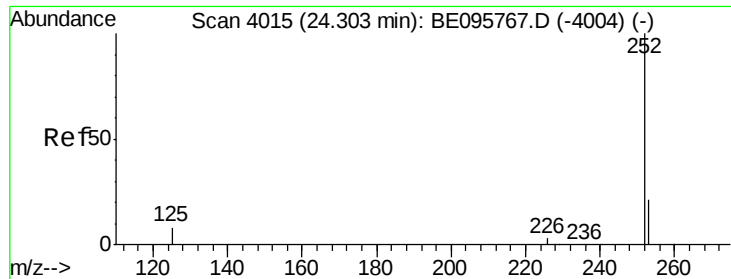
Ion Ratio Lower Upper

228 100

226 96.8 23.4 35.0#

229 119.0 17.7 26.5#





#23

Benzo(a)pyrene

Concen: 0.077 ng/ul

RT: 24.26 min Scan# 4010

Delta R.T. -0.05 min

Lab File: BE095768.D

Acq: 14 Mar 2018 17:32

Instrument :

BNA\_E

ClientSampleId :

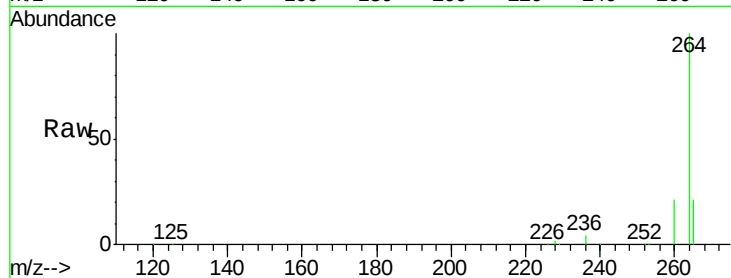
Tot Ion: 252 Resp: 2328

Ion Ratio Lower Upper

252 100

253 41.8 28.5 42.7

125 41.8 18.1 27.1#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

