

Data Path : U:\HPCHEM1\BNA E\DATA\BE121515\  
 Data File : BE091346.D  
 Acq On : 15 Dec 2015 6:07  
 Operator : UM/SJ  
 Sample : G4734-03MS  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :

Quant Time: Dec 15 07:58:48 2015  
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM02.2-EPA-SIM-BE121515.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Dec 15 04:50:57 2015  
 Response via : Initial Calibration

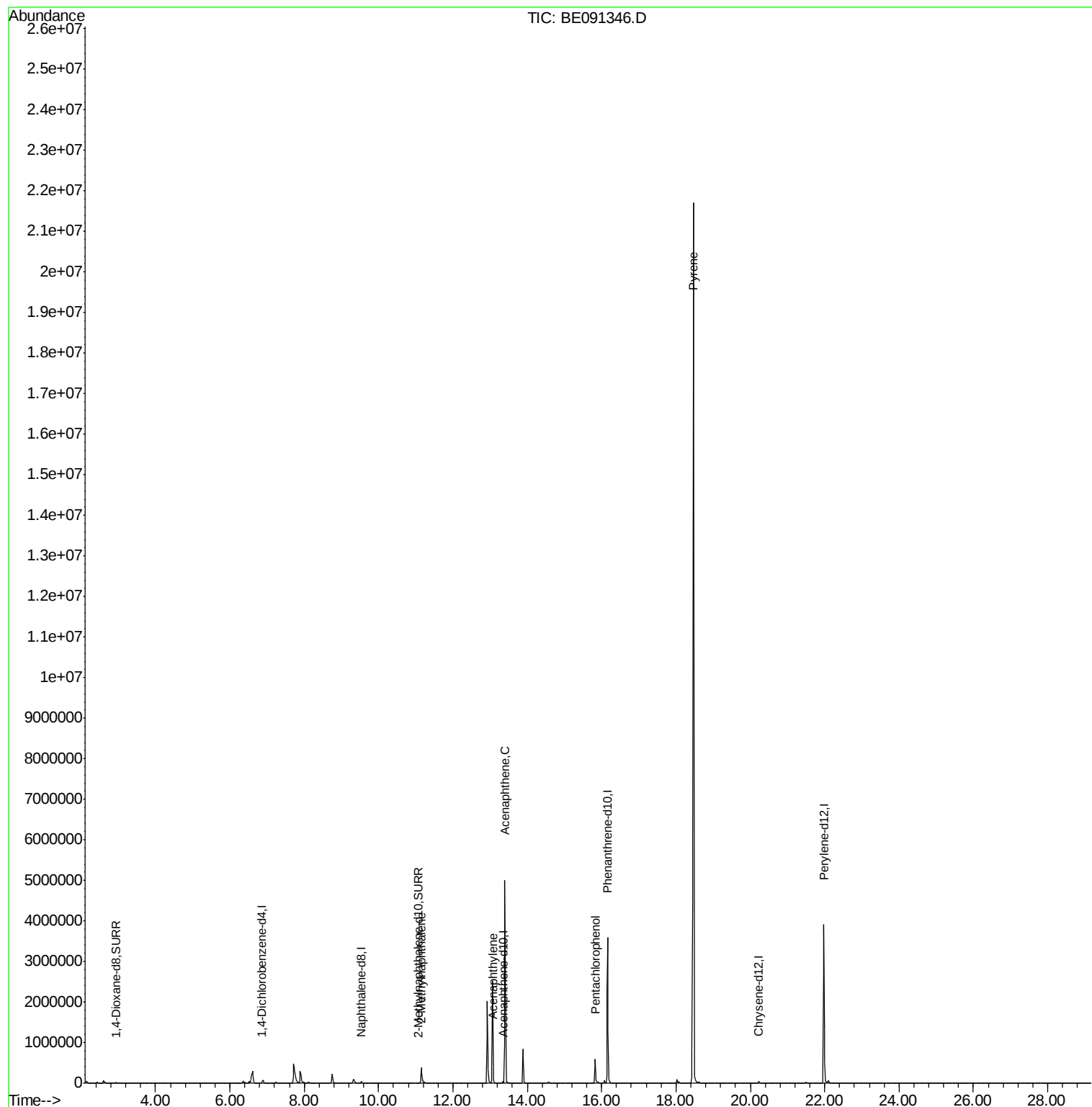
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.86  | 152  | 10341    | 0.40   | ng/ul  | -0.08    |
| 4) Naphthalene-d8           | 9.54  | 136  | 50338    | 0.40   | ng/ul  | -0.04    |
| 8) Acenaphthene-d10         | 13.35 | 164  | 18064    | 0.40   | ng/ul  | -0.02    |
| 12) Phenanthrene-d10        | 16.16 | 188  | 4014829  | 0.40   | ng/ul  | 0.06     |
| 18) Chrysene-d12            | 20.22 | 240  | 50967    | 0.40   | ng/ul  | 0.00     |
| 22) Perylene-d12            | 21.98 | 264  | 4165771  | 0.40   | ng/ul  | -0.13    |
| System Monitoring Compounds |       |      |          |        |        |          |
| 2) 1,4-Dioxane-d8           | 2.95  | 96   | 13791    | 1.90   | ng/uL  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 11.06 | 152  | 10530    | 0.31   | ng/ul  | -0.03    |
| 16) Fluoranthene-d10        | 18.06 | 212  | 40134    | 0.01   | ng/ul  | -0.01    |
| Target Compounds            |       |      |          | Ovalue |        |          |
| 7) 2-Methylnaphthalene      | 11.15 | 142  | 739916   | 18.97  | ng/ul# | 6        |
| 9) Acenaphthylene           | 13.09 | 152  | 5715     | 0.07   | ng/ul  | 97       |
| 10) Acenaphthene            | 13.40 | 153  | 2834138  | 43.02  | ng/ul# | 73       |
| 13) Pentachlorophenol       | 15.83 | 266  | 458302   | 1.60   | ng/ul# | 85       |
| 19) Pyrene                  | 18.47 | 202  | 23659288 | 41.70  | ng/ul# | 90       |

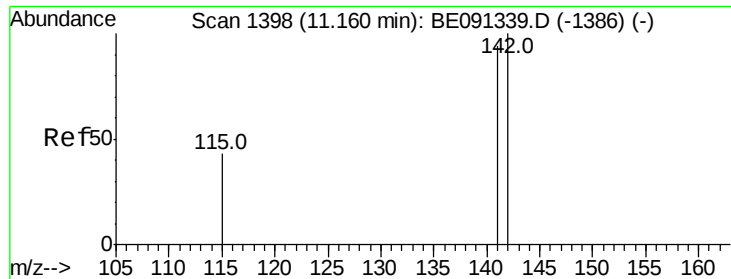
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#7

2-Methylnaphthalene

Concen: 18.97 ng/ul

RT: 11.15 min Scan# 1395

Delta R.T. -0.01 min

Lab File: BE091346.D

Acq: 15 Dec 2015 6:07

Instrument :

BNA\_E

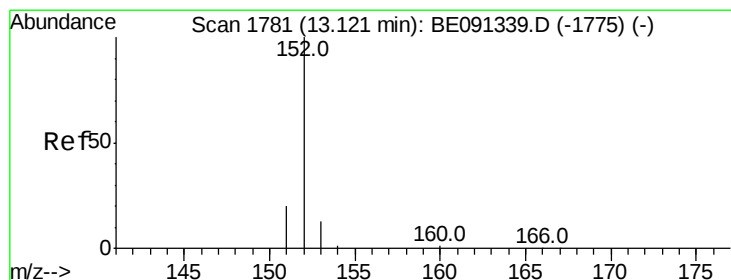
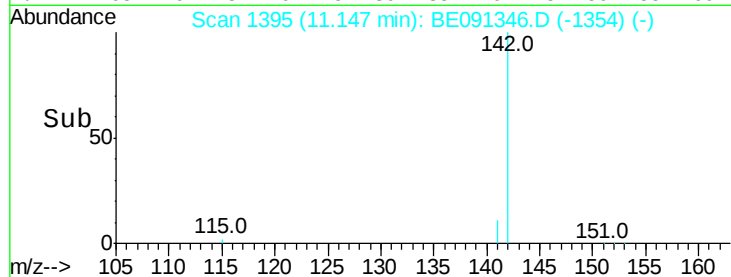
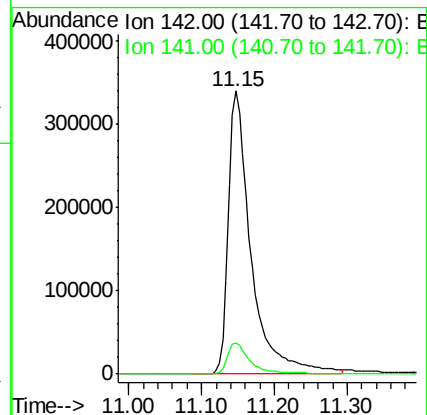
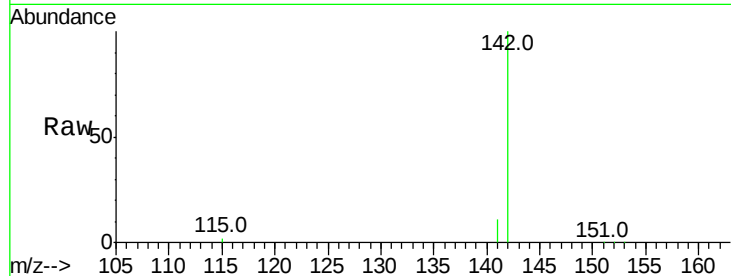
ClientSampleId :

Tot Ion:142 Resp: 739916

Ion Ratio Lower Upper

142 100

141 11.3 89.4 134.2#



#9

Acenaphthylene

Concen: 0.07 ng/ul

RT: 13.09 min Scan# 1777

Delta R.T. -0.03 min

Lab File: BE091346.D

Acq: 15 Dec 2015 6:07

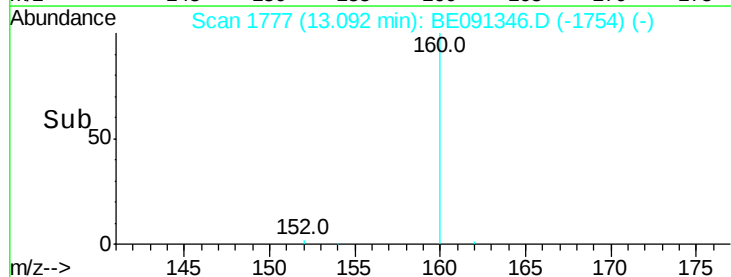
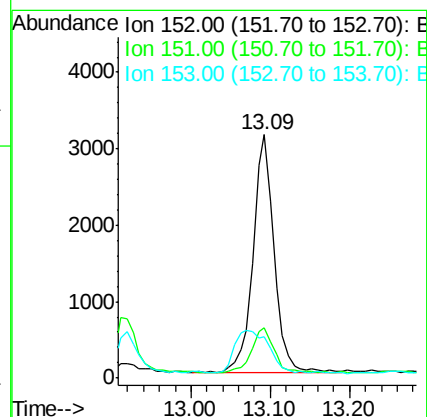
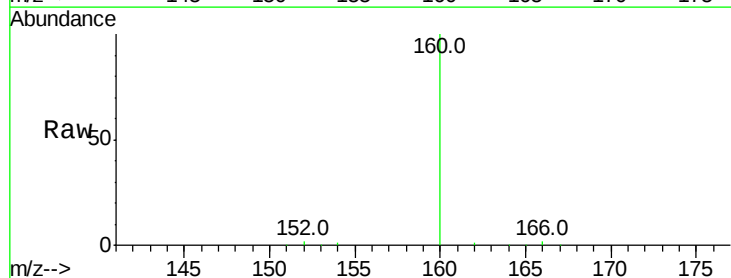
Tgt Ion:152 Resp: 5715

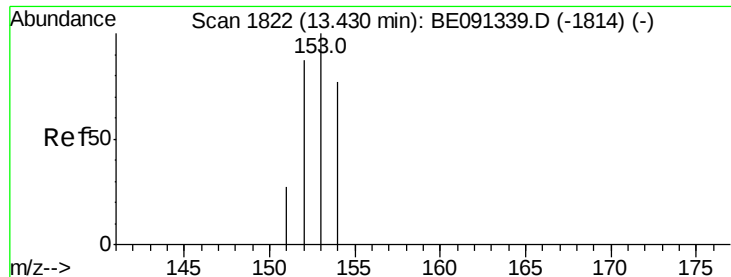
Ion Ratio Lower Upper

152 100

151 20.8 17.8 26.8

153 16.8 12.4 18.6





#10

Acenaphthene

Concen: 43.02 ng/ul

RT: 13.40 min Scan# 1818

Delta R.T. -0.03 min

Lab File: BE091346.D

Acq: 15 Dec 2015 6:07

Instrument :

BNA\_E

ClientSampleId :

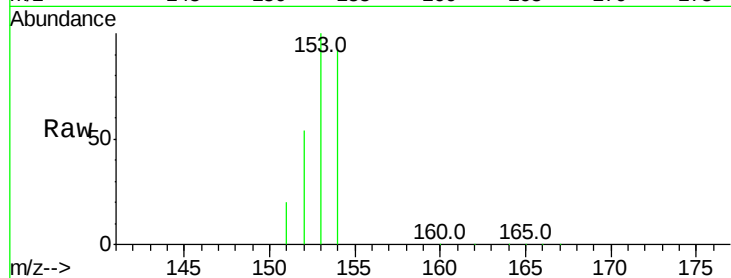
Tot Ion:153 Resp: 2834138

Ion Ratio Lower Upper

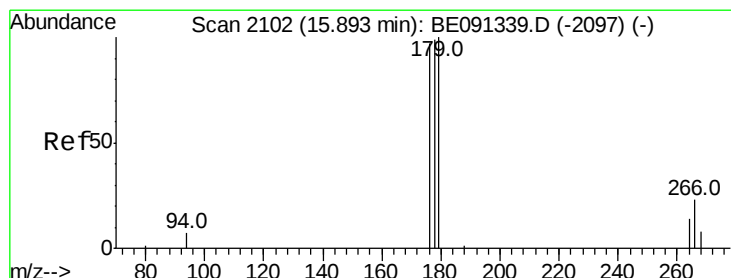
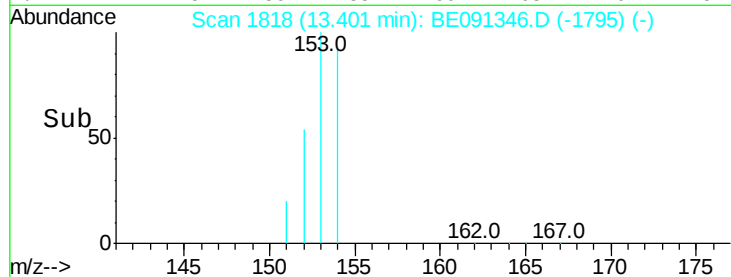
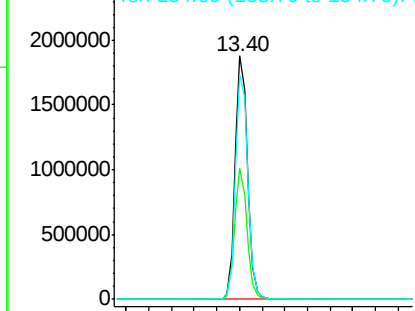
153 100

152 53.9 70.5 105.7#

154 92.2 62.3 93.5



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



#13

Pentachlorophenol

Concen: 1.60 ng/ul

RT: 15.83 min Scan# 2097

Delta R.T. -0.06 min

Lab File: BE091346.D

Acq: 15 Dec 2015 6:07

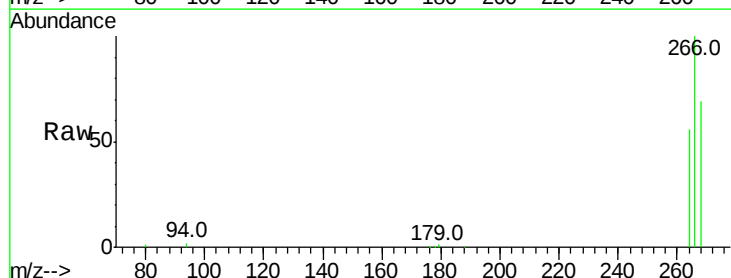
Tgt Ion:266 Resp: 458302

Ion Ratio Lower Upper

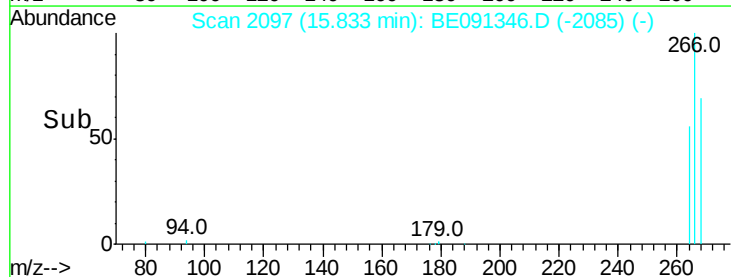
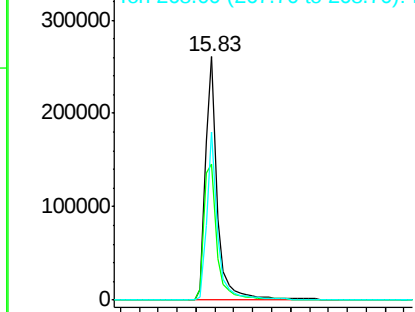
266 100

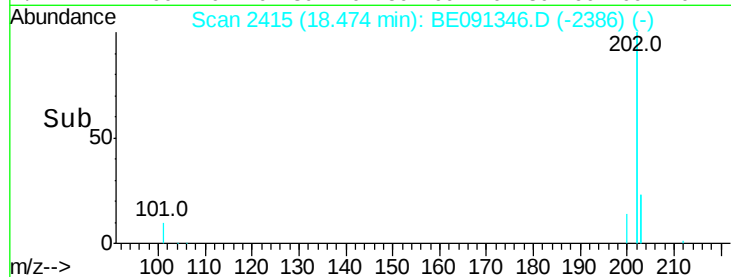
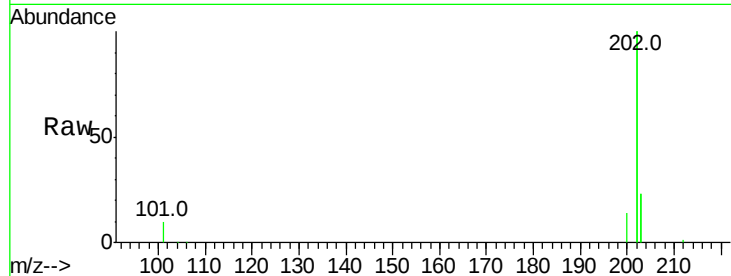
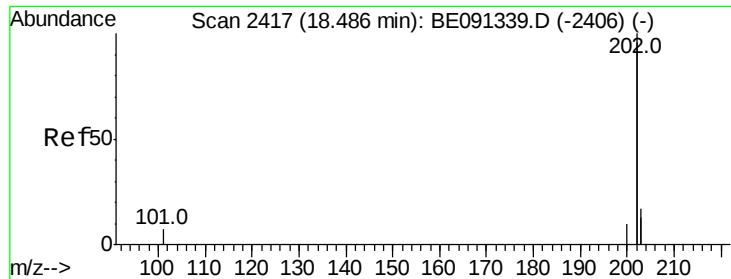
264 63.1 54.7 82.1

268 63.8 36.2 54.2#



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





#19

Pvrene

Concen: 41.70 ng/ul

RT: 18.47 min Scan# 2415

Delta R.T. -0.01 min

Lab File: BE091346.D

Acq: 15 Dec 2015 6:07

Instrument :

BNA\_E

ClientSampleId :

Tot Ion:202 Resp:23659288

Ion Ratio Lower Upper

202 100

200 7.0 4.4 6.6#

203 22.6 13.8 20.8#

