

Data Path : Z:\HPCHEM1\BNA E\DATA\BE013118\  
 Data File : BE095336.D  
 Acq On : 1 Feb 2018 2:31  
 Operator : SJ/JU  
 Sample : J1245-08  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 F6B69

Manual Integrations  
 APPROVED

Sohil  
 2/1/2018 5:58:57 PM

Quant Time: Feb 01 06:01:30 2018  
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Feb 01 04:05:22 2018  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 8.44  | 152  | 2372     | 0.40   | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 11.26 | 136  | 7618     | 0.40   | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 15.02 | 164  | 4946     | 0.40   | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 17.71 | 188  | 9969m    | 0.40   | ng/ul  | 0.00     |
| 16) Chrysene-d12            | 21.81 | 240  | 9900     | 0.40   | ng/ul  | 0.00     |
| 20) Perylene-d12            | 24.44 | 264  | 9527m    | 0.40   | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |        |        |          |
| 4) 2-Methylnaphthalene-d10  | 12.81 | 152  | 4850     | 0.39   | ng/ul  | 0.00     |
| 14) Fluoranthene-d10        | 19.70 | 212  | 12267    | 0.32   | ng/ul  | 0.00     |
| Target Compounds            |       |      |          | Ovalue |        |          |
| 5) 2-Methylnaphthalene      | 12.89 | 142  | 348      | 0.024  | ng/ul  | 99       |
| 11) Pentachlorophenol       | 17.36 | 266  | 6087     | 3.152  | ng/ul  | 96       |
| 12) Phenanthrene            | 17.75 | 178  | 1619     | 0.048  | ng/ul# | 93       |
| 15) Fluoranthene            | 19.72 | 202  | 921      | 0.021  | ng/ul  | 87       |

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

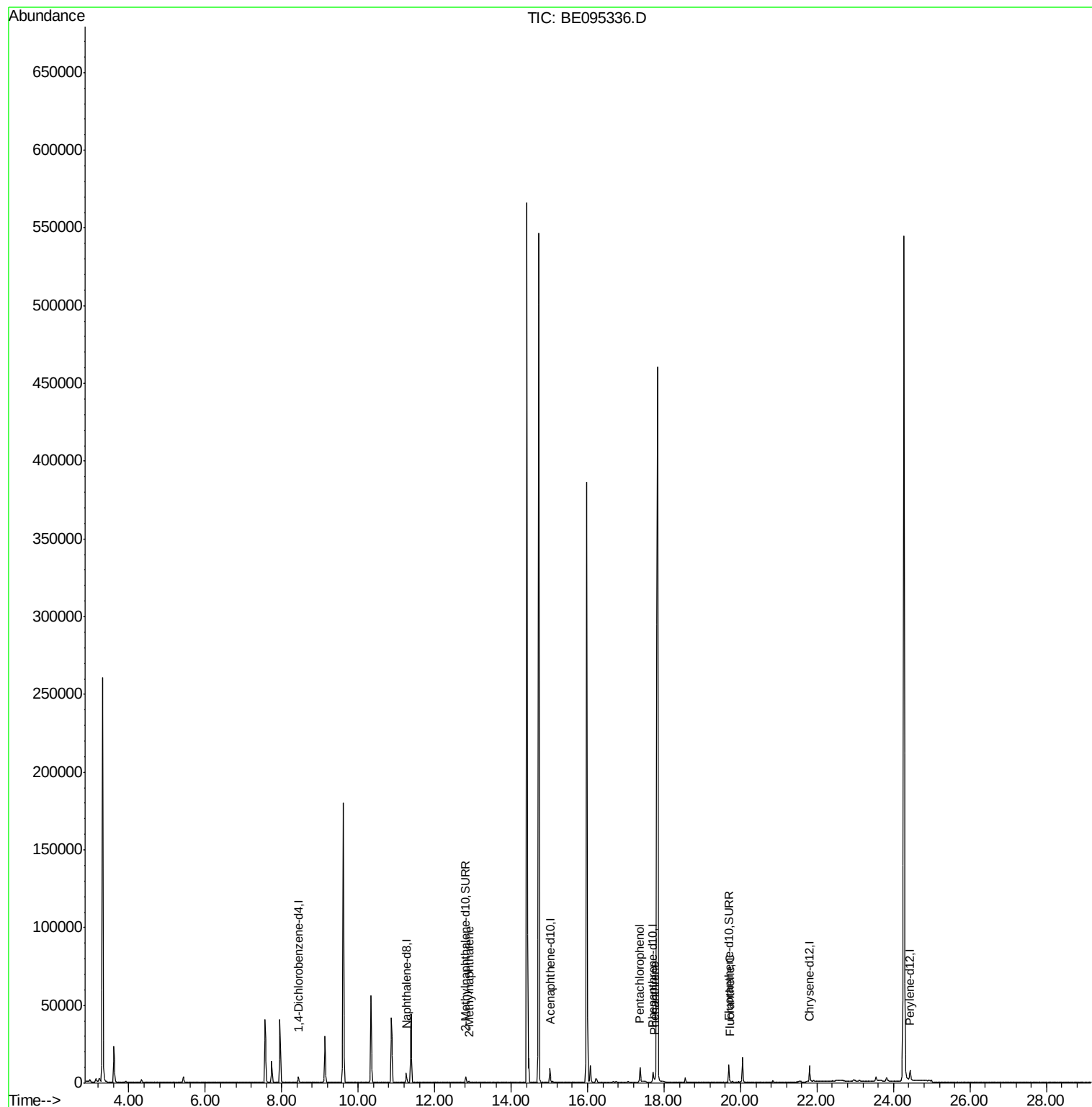
Data Path : Z:\HPCHEM1\BNA E\DATA\BE013118\  
Data File : BE095336.D  
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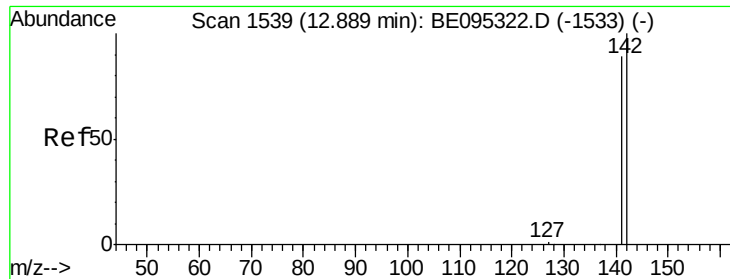
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QLast Update : Thu Feb 01 04:05:22 2018  
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#5

2-Methylnaphthalene

Concen: 0.024 ng/ul

RT: 12.89 min Scan# 1539

Delta R.T. -0.00 min

Lab File: BE095336.D

Acq: 1 Feb 2018 2:31

Instrument :

BNA\_E

ClientSampleId :

F6B69

Tot Ion:142 Resp: 348

Ion Ratio Lower Upper

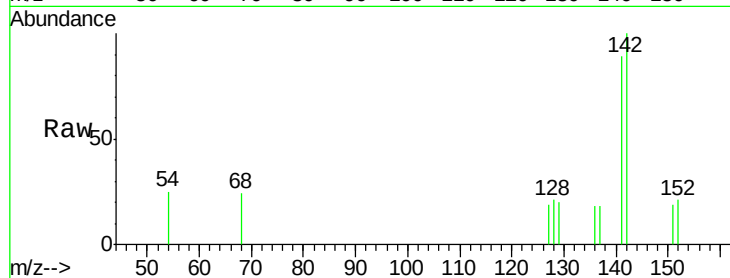
142 100

141 92.0 72.6 108.8

Manual Integrations  
APPROVED

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Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

12.89

250

200

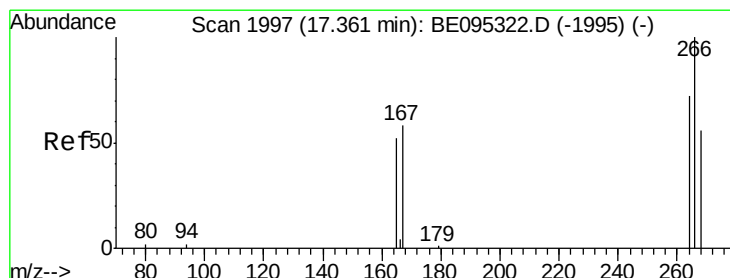
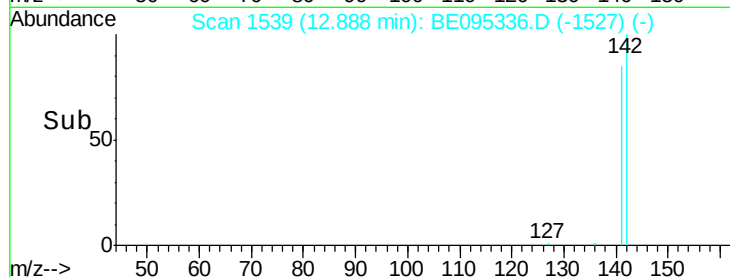
150

100

50

0

Time--> 12.80 12.85 12.90 12.95



#11

Pentachlorophenol

Concen: 3.152 ng/ul

RT: 17.36 min Scan# 1997

Delta R.T. 0.00 min

Lab File: BE095336.D

Acq: 1 Feb 2018 2:31

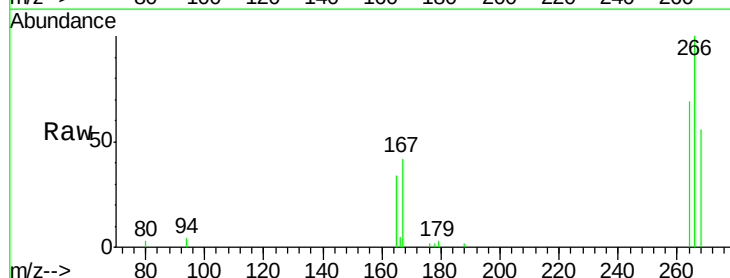
Tgt Ion:266 Resp: 6087

Ion Ratio Lower Upper

266 100

264 64.8 47.9 71.9

268 61.0 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

4000

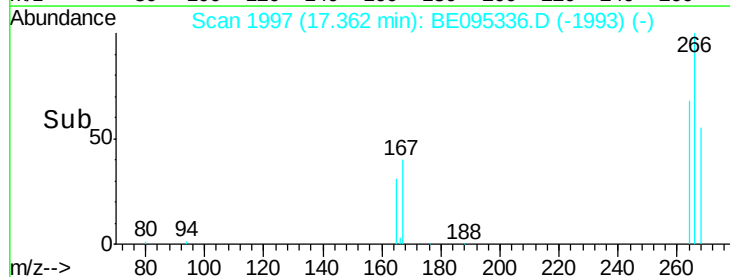
3000

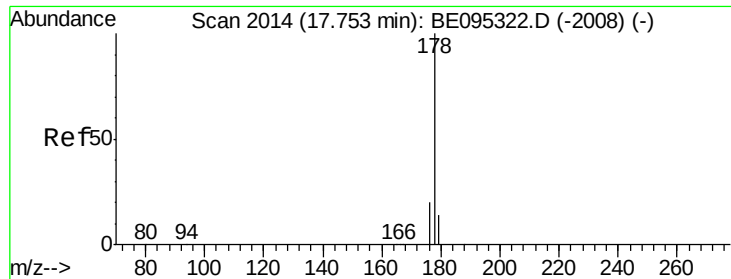
2000

1000

0

Time--> 17.20 17.40 17.60





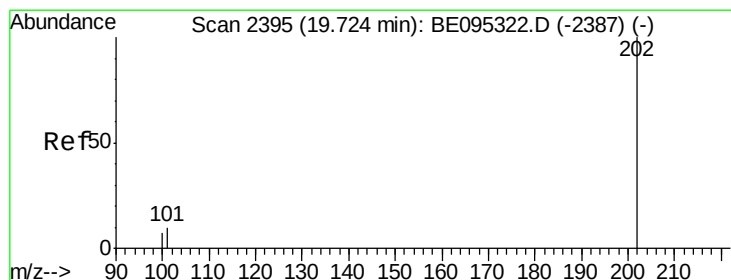
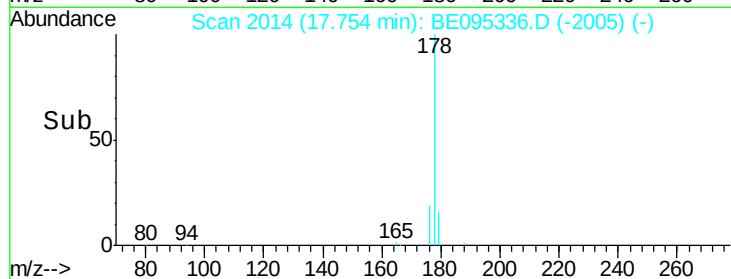
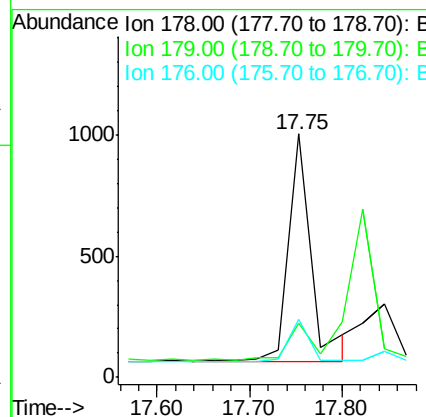
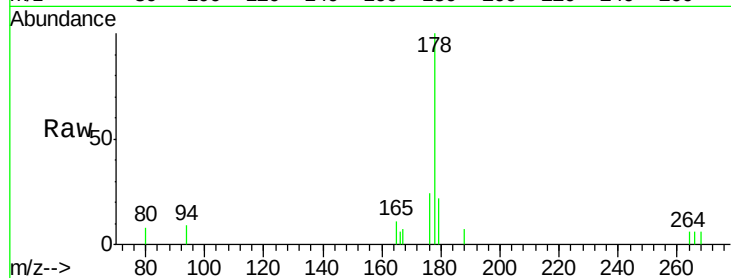
#12  
Phenanthrene  
Concen: 0.048 ng/ul  
RT: 17.75 min Scan# 2014  
Delta R.T. 0.00 min  
Lab File: BE095336.D  
Acq: 1 Feb 2018 2:31

Instrument :  
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ClientSampleId :  
F6B69

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 179     | 22.3  | 18.4  | 27.6  |
| 176     | 23.6  | 13.6  | 20.4  |

Manual Integrations  
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#15  
Fluoranthene  
Concen: 0.021 ng/ul  
RT: 19.72 min Scan# 2395  
Delta R.T. -0.00 min  
Lab File: BE095336.D  
Acq: 1 Feb 2018 2:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 17.7  | 0.0   | 30.3  |
| 100     | 14.9  | 0.0   | 39.5  |

