

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012718\  
 Data File : BE095173.D  
 Acq On : 27 Jan 2018 18:58  
 Operator : SJ/JU  
 Sample : J1220-05  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 F6A07

Manual Integrations  
 APPROVED

Sohil  
 1/29/2018 6:21:47 PM

Quant Time: Jan 28 03:09:32 2018  
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Jan 27 03:18:43 2018  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|-------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 8.44  | 152  | 3017     | 0.40  | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 11.27 | 136  | 9650     | 0.40  | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 15.02 | 164  | 6390     | 0.40  | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 17.71 | 188  | 13261m   | 0.40  | ng/ul  | 0.00     |
| 16) Chrysene-d12            | 21.80 | 240  | 13927    | 0.40  | ng/ul  | 0.00     |
| 20) Perylene-d12            | 24.44 | 264  | 12529m   | 0.40  | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |       |        |          |
| 4) 2-Methylnaphthalene-d10  | 12.82 | 152  | 6130     | 0.39  | ng/ul  | 0.00     |
| 14) Fluoranthene-d10        | 19.70 | 212  | 18282    | 0.36  | ng/ul  | 0.00     |
| Target Compounds            |       |      |          |       |        |          |
| 11) Pentachlorophenol       | 17.36 | 266  | 210      | 0.082 | ng/ul  | 93       |
| 12) Phenanthrene            | 17.75 | 178  | 1243     | 0.028 | ng/ul# | 86       |

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

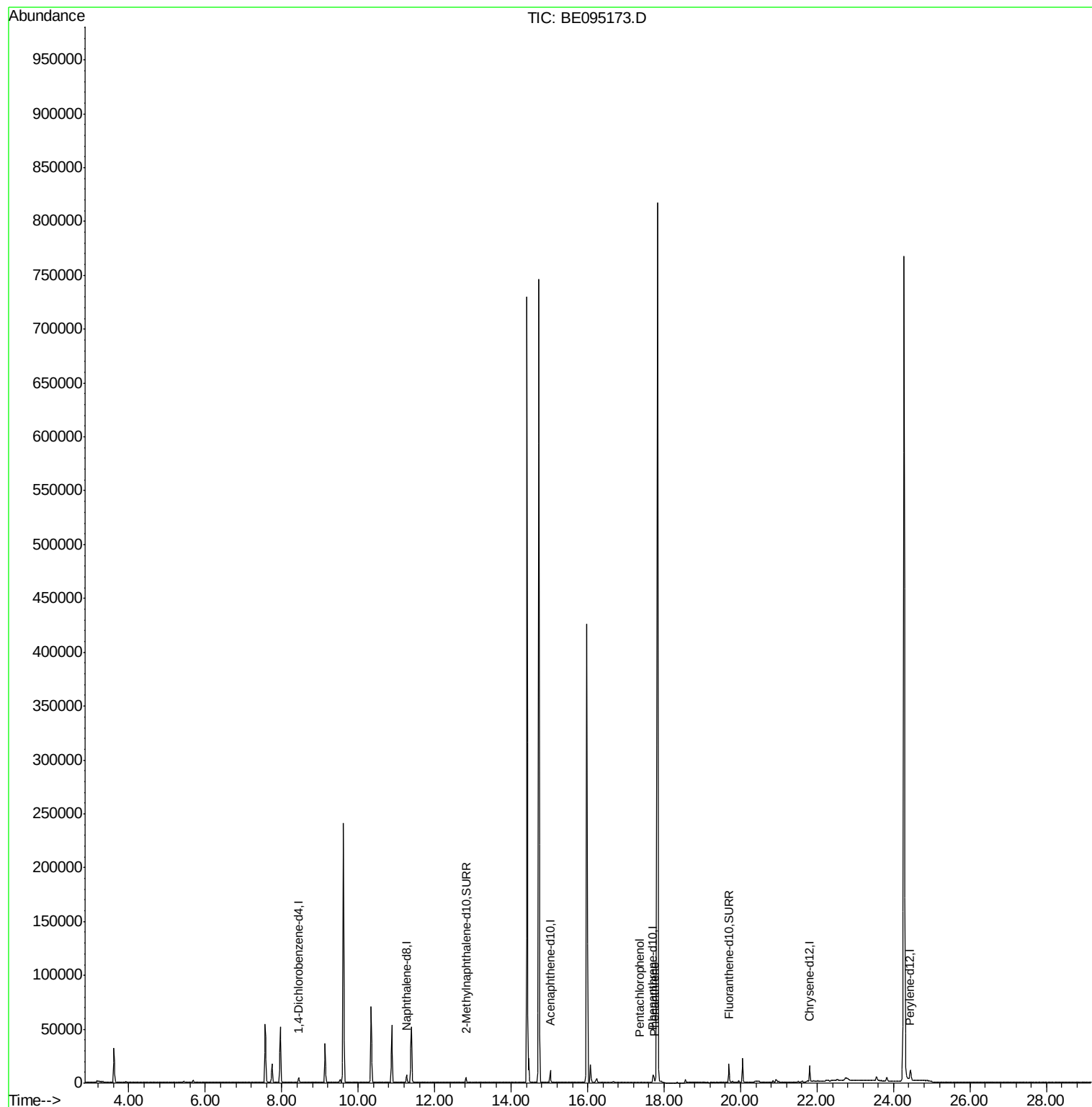
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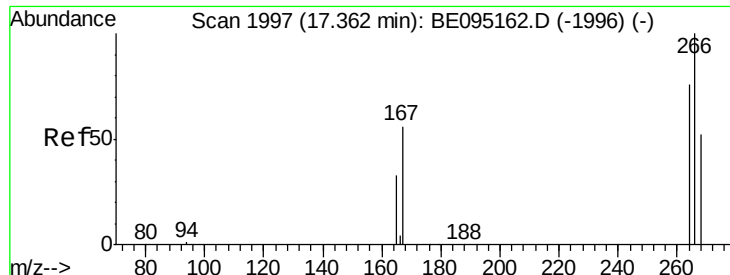
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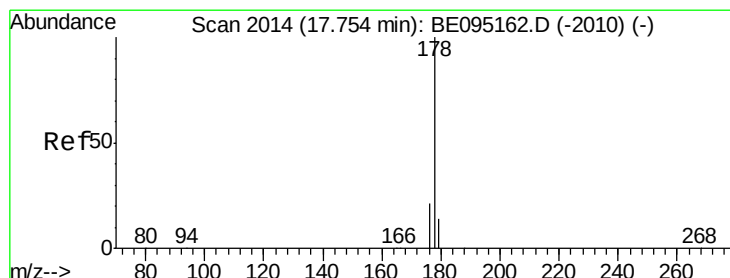
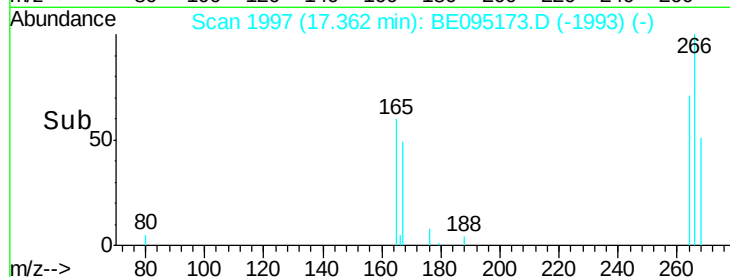
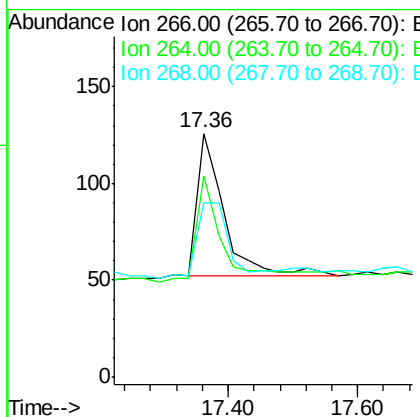
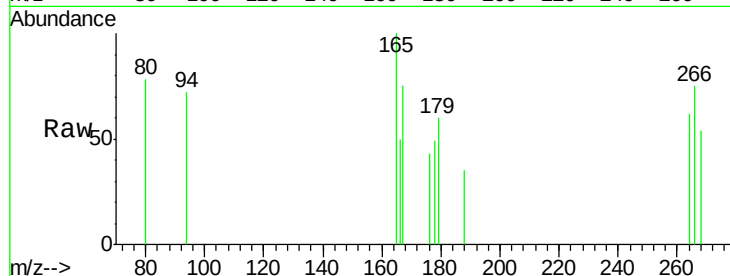
#11  
 Pentachlorophenol  
 Concen: 0.082 ng/ul  
 RT: 17.36 min Scan# 1997  
 Delta R.T. 0.00 min  
 Lab File: BE095173.D  
 Acq: 27 Jan 2018 18:58

Instrument :  
 BNA\_E  
 ClientSampled :  
 F6A07

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 264     | 66.7  | 47.9  | 71.9  |
| 268     | 58.6  | 49.8  | 74.8  |

Manual Integrations  
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#12  
 Phenanthrene  
 Concen: 0.028 ng/ul  
 RT: 17.75 min Scan# 2014  
 Delta R.T. 0.00 min  
 Lab File: BE095173.D  
 Acq: 27 Jan 2018 18:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 179     | 26.0  | 18.4  | 27.6  |
| 176     | 27.8  | 13.6  | 20.4  |

