

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM091115\  
 Data File : BM002685.D  
 Acq On : 11 Sep 2015 17:24  
 Operator : UM/IZ  
 Sample : MDL-04-W  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

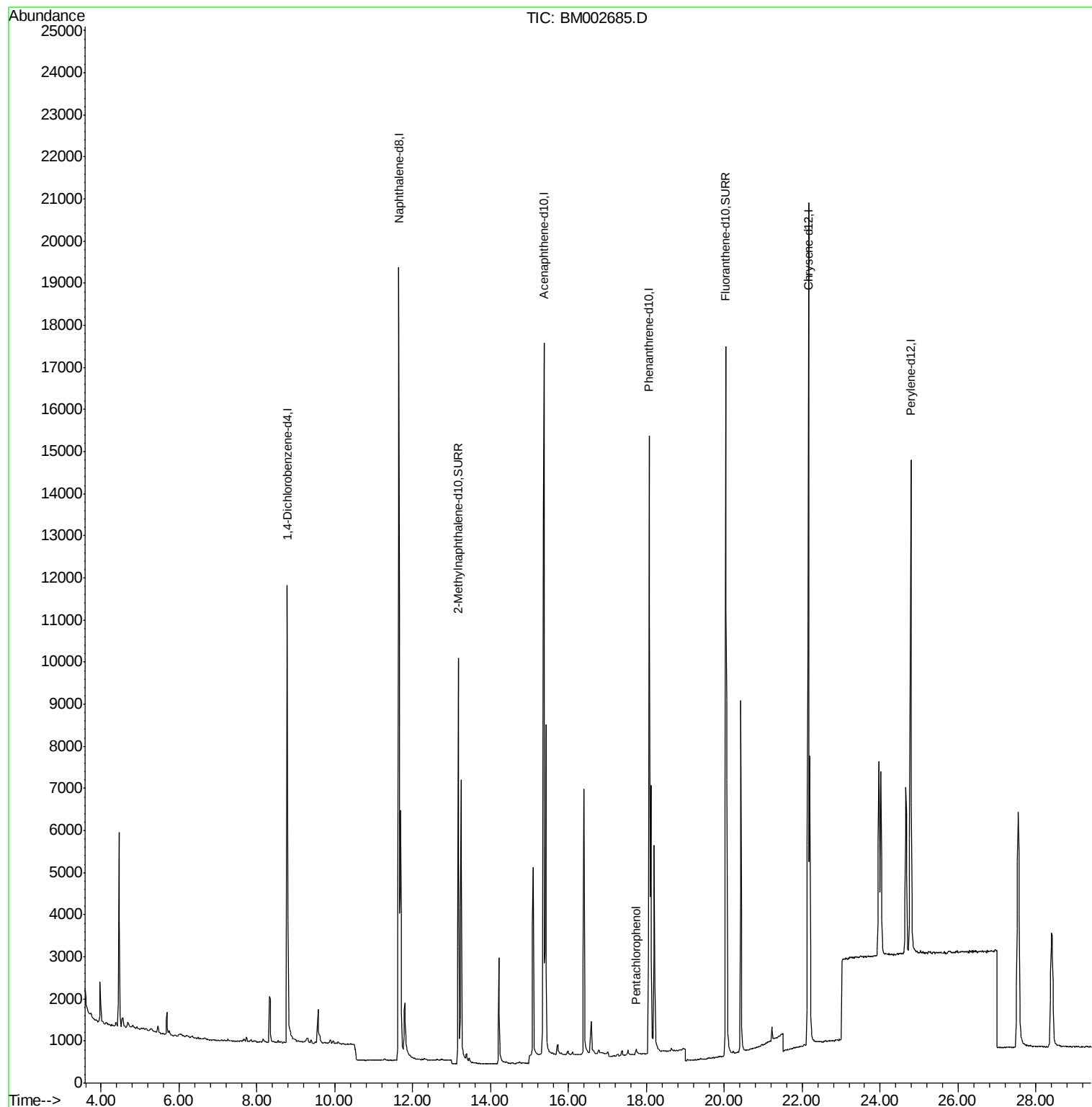
Quant Time: Sep 12 01:47:07 2015  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-SIM-BM90315.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Sep 12 01:33:03 2015  
 Response via : Initial Calibration

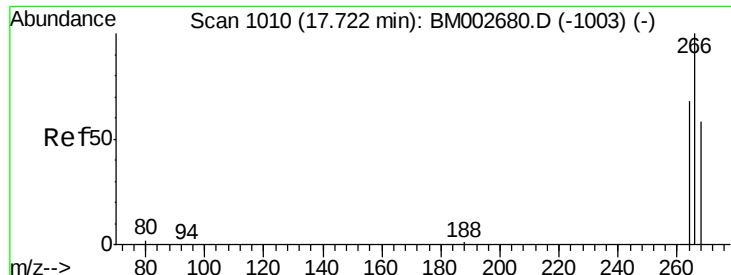
| Internal Standards          | R.T.  | QIon | Response | Conc | Units | Dev(Min)     |
|-----------------------------|-------|------|----------|------|-------|--------------|
| 1) 1,4-Dichlorobenzene-d4   | 8.78  | 152  | 7853     | 0.40 | ng/ul | 0.00         |
| 4) Naphthalene-d8           | 11.64 | 136  | 30014    | 0.40 | ng/ul | 0.00         |
| 8) Acenaphthene-d10         | 15.36 | 164  | 12716    | 0.40 | ng/ul | 0.00         |
| 12) Phenanthrene-d10        | 18.06 | 188  | 23473    | 0.40 | ng/ul | 0.00         |
| 18) Chrysene-d12            | 22.16 | 240  | 21114    | 0.40 | ng/ul | 0.00         |
| 22) Perylene-d12            | 24.78 | 264  | 20563    | 0.40 | ng/ul | 0.01         |
| System Monitoring Compounds |       |      |          |      |       |              |
| 2) 1,4-Dioxane-d8           | 0.00  | 96   | 0d       | 0.00 | ng/uL |              |
| 6) 2-Methylnaphthalene-d10  | 13.17 | 152  | 14348    | 0.36 | ng/ul | 0.00         |
| 16) Fluoranthene-d10        | 20.03 | 212  | 20525    | 0.38 | ng/ul | 0.00         |
| Target Compounds            |       |      |          |      |       |              |
| 13) Pentachlorophenol       | 17.74 | 266  | 290      | 0.13 | ng/ul | Qvalue<br>84 |

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

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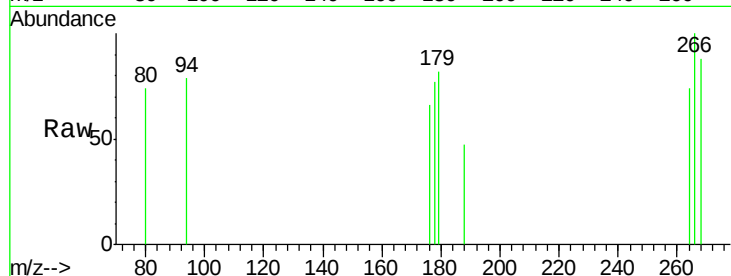
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#13  
 Pentachlorophenol  
 Concen: 0.13 ng/ul  
 RT: 17.74 min Scan# 1011  
 Delta R.T. 0.02 min  
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| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 264     | 54.1  | 53.5  | 80.3  |
| 268     | 80.3  | 54.2  | 81.2  |



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

