

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032318\  
 Data File : BN000570.D  
 Acq On : 23 Mar 2018 10:46  
 Operator : JU/SJ  
 Sample : J1905-15DL3 600X  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 DAM50DL3

Quant Time: Mar 26 01:03:27 2018  
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Mar 23 17:43:46 2018  
 Response via : Initial Calibration

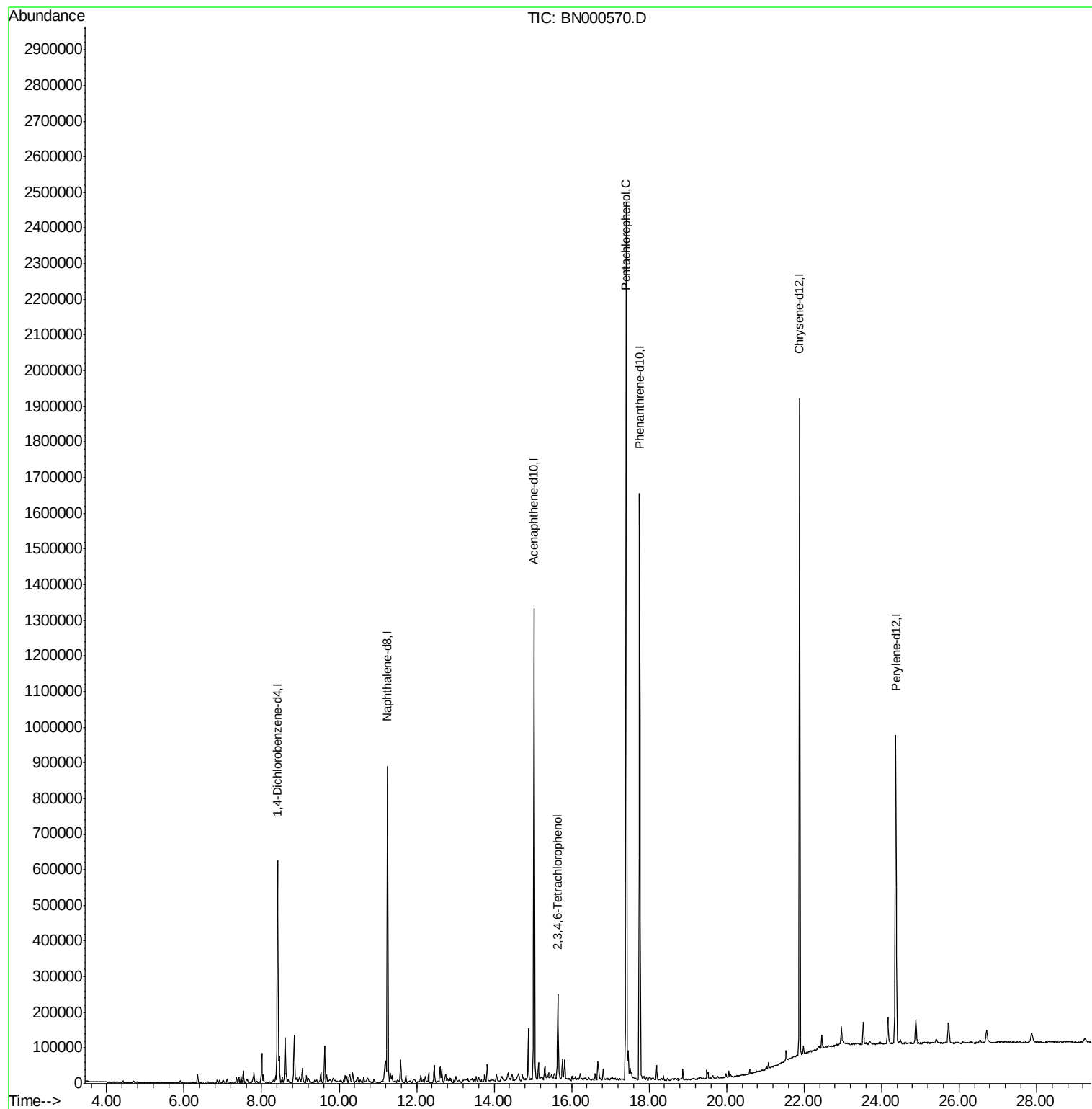
| Internal Standards             | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 8.41  | 152  | 170114   | 20.00  | ng/ul  | 0.00     |
| 18) Naphthalene-d8             | 11.25 | 136  | 720359   | 20.00  | ng/ul  | 0.00     |
| 35) Acenaphthene-d10           | 15.03 | 164  | 414682   | 20.00  | ng/ul  | 0.00     |
| 61) Phenanthrene-d10           | 17.75 | 188  | 921160   | 20.00  | ng/ul  | 0.00     |
| 75) Chrysene-d12               | 21.88 | 240  | 801815   | 20.00  | ng/ul  | 0.00     |
| 83) Perylene-d12               | 24.37 | 264  | 618979   | 20.00  | ng/ul  | 0.00     |
| System Monitoring Compounds    |       |      |          |        |        |          |
| 3) 1,4-Dioxane-d8              | 0.00  | 96   | 0        | 0.00   | ng/uL  |          |
| 5) Phenol-d5                   | 0.00  | 99   | 0d       | 0.00   | ng/ul  |          |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.72  | 67   | 1050     | 0.11   | ng/ul  | 0.00     |
| 9) 2-Chlorophenol-d4           | 0.00  | 132  | 0        | 0.00   | ng/ul  |          |
| 13) 4-Methylphenol-d8          | 0.00  | 113  | 0d       | 0.00   | ng/ul  |          |
| 19) Nitrobenzene-d5            | 0.00  | 128  | 0        | 0.00   | ng/ul  |          |
| 22) 2-Nitrophenol-d4           | 0.00  | 143  | 0d       | 0.00   | ng/ul  |          |
| 26) 2,4-Dichlorophenol-d3      | 0.00  | 165  | 0        | 0.00   | ng/ul  |          |
| 29) 4-Chloroaniline-d4         | 0.00  | 131  | 0d       | 0.00   | ng/ul  |          |
| 43) Dimethylphthalate-d6       | 14.42 | 166  | 2047     | 0.06   | ng/ul  | 0.00     |
| 46) Acenaphthylene-d8          | 14.73 | 160  | 2336     | 0.05   | ng/ul  | 0.00     |
| 51) 4-Nitrophenol-d4           | 0.00  | 143  | 0d       | 0.00   | ng/ul  |          |
| 57) Fluorene-d10               | 16.01 | 176  | 4381     | 0.16   | ng/ul  | 0.00     |
| 62) 4,6-Dinitro-2-methylphenol | 0.00  | 200  | 0d       | 0.00   | ng/ul  |          |
| 70) Anthracene-d10             | 17.85 | 188  | 5107     | 0.12   | ng/ul  | 0.00     |
| 76) Pyrene-d10                 | 20.11 | 212  | 2810     | 0.06   | ng/ul  | 0.00     |
| 87) Benzo(a)pyrene-d12         | 24.20 | 264  | 1787     | 0.06   | ng/ul  | 0.00     |
| Target Compounds               |       |      |          |        |        |          |
| 55) 2,3,4,6-Tetrachlorophenol  | 15.65 | 232  | 43732    | 6.499  | ng/ul# | 93       |
| 68) Pentachlorophenol          | 17.41 | 266  | 381565   | 72.902 | ng/ul  | 97       |

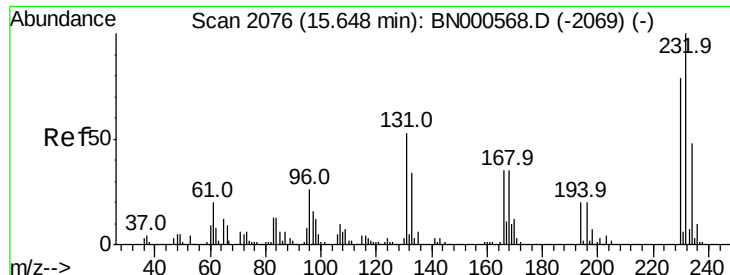
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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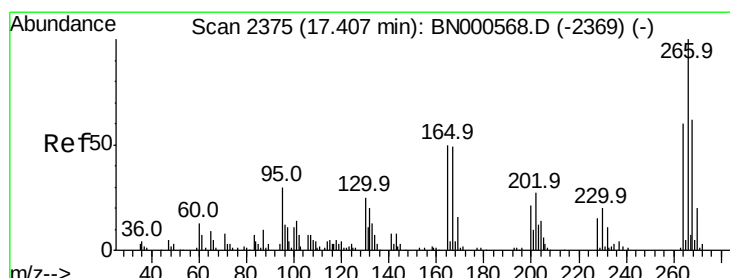
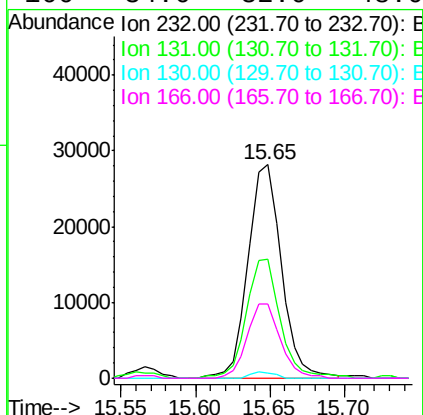
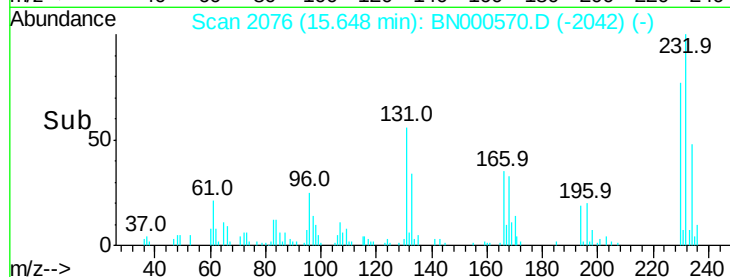
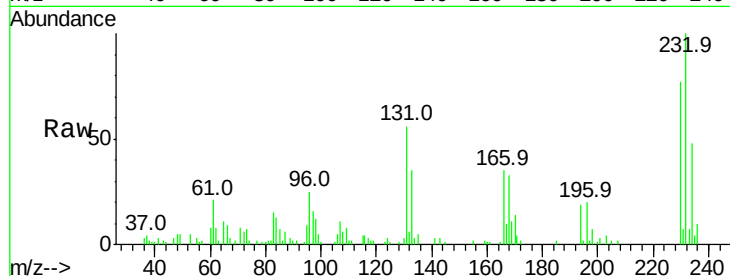




#55  
 2,3,4,6-Tetrachlorophenol  
 Concen: 6.499 ng/ul  
 RT: 15.65 min Scan# 2076  
 Delta R.T. 0.00 min  
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Tot Ion:232 Resp: 43732  
 Ion Ratio Lower Upper  
 232 100  
 131 55.9 48.0 72.0  
 130 2.6 4.0 6.0#  
 166 34.6 32.0 48.0



#68  
 Pentachlorophenol  
 Concen: 72.902 ng/ul  
 RT: 17.41 min Scan# 2375  
 Delta R.T. 0.00 min  
 Lab File: BN000570.D  
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Tgt Ion:266 Resp: 381565  
 Ion Ratio Lower Upper  
 266 100  
 264 62.9 48.2 72.4  
 268 63.3 52.3 78.5

