

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102117\  
 Data File : BM012351.D  
 Acq On : 21 Oct 2017 10:22  
 Operator : SJ/JU  
 Sample : PB103381BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Oct 23 05:02:12 2017  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Oct 23 05:01:01 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.77  | 152  | 195666   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.57 | 136  | 881067   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.42 | 164  | 567969   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.17 | 188  | 1310392  | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.36 | 240  | 1225047  | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.65 | 264  | 952570   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.19  | 96  | 28408   | 6.90  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.94  | 99  | 516901  | 32.56 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.10  | 67  | 339132  | 35.62 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.30  | 132 | 473734  | 35.18 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.49  | 113 | 487488  | 35.66 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.94  | 128 | 233110  | 34.67 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.66  | 143 | 278241  | 35.42 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.20 | 165 | 488501  | 32.57 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.72 | 131 | 651289  | 46.40 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 13.84 | 166 | 1752803 | 34.92 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.12 | 160 | 2166940 | 35.66 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.67 | 143 | 175684  | 23.28 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.42 | 176 | 1491297 | 36.20 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.57 | 200 | 211193  | 23.48 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.27 | 188 | 2342804 | 36.16 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.57 | 212 | 2585934 | 41.58 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 23.51 | 264 | 1659271 | 36.13 | ng/ul | 0.00 |

## Target Compounds

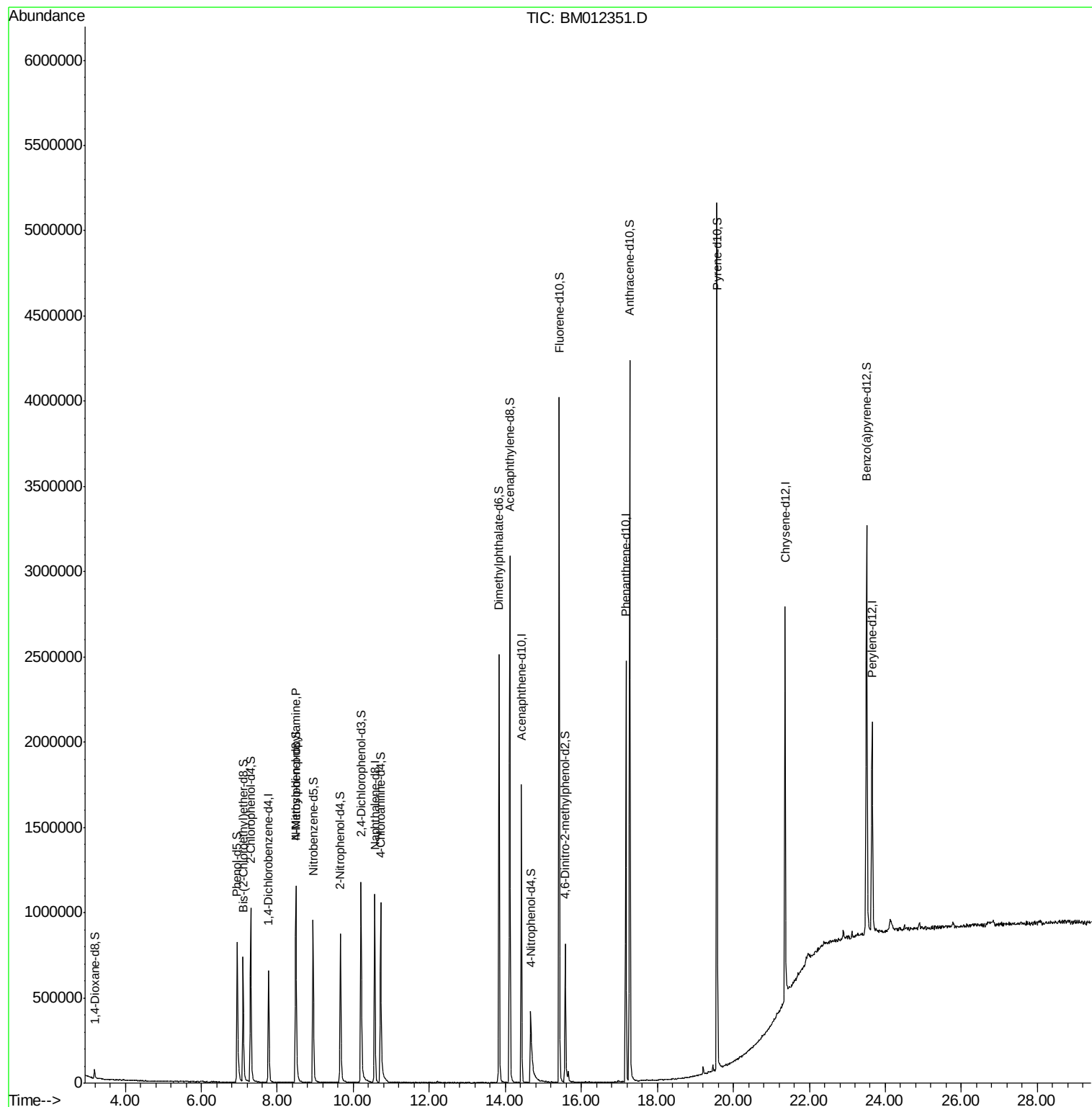
|                                |      |    |       | Ovalue |          |
|--------------------------------|------|----|-------|--------|----------|
| 15) N-Nitroso-di-n-propylamine | 8.49 | 70 | 13498 | 1.212  | ng/ul# 1 |

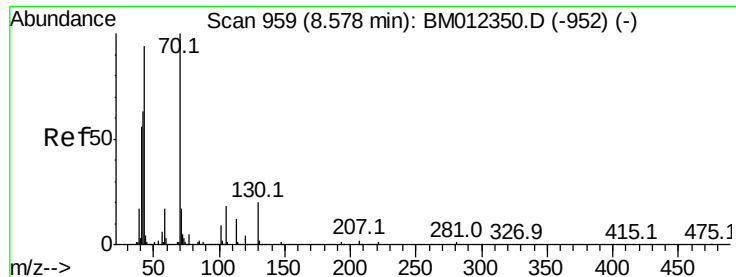
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#15  
 N-Nitroso-di-n-propylamine  
 Concen: 1.212 ng/ul  
 RT: 8.49 min Scan# 944  
 Delta R.T. -0.09 min  
 Lab File: BM012351.D  
 Acq: 21 Oct 2017 10:22

Instrument :  
 BNA\_M  
 ClientSampleId :

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 70    | Resp: | 13498 |
| Ion Ratio | Lower | Upper |       |
| 70        | 100   |       |       |
| 42        | 368.5 | 43.0  | 64.4# |
| 101       | 0.0   | 8.2   | 12.2# |
| 130       | 0.0   | 18.6  | 28.0# |

