

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032318\  
 Data File : BN000594.D  
 Acq On : 24 Mar 2018 00:33  
 Operator : JU/SJ  
 Sample : J1955-10  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 C1012

Quant Time: Mar 24 01:29:18 2018  
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Mar 23 23:09:09 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.41  | 152  | 172945   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 11.25 | 136  | 747218   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 15.03 | 164  | 413735   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.75 | 188  | 902660   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.88 | 240  | 902191   | 20.00 | ng/ul | -0.01    |
| 83) Perylene-d12          | 24.35 | 264  | 833426   | 20.00 | ng/ul | -0.02    |

## System Monitoring Compounds

|                                |       |     |         |       |       |       |
|--------------------------------|-------|-----|---------|-------|-------|-------|
| 3) 1,4-Dioxane-d8              | 3.58  | 96  | 26902   | 5.56  | ng/uL | 0.00  |
| 5) Phenol-d5                   | 7.55  | 99  | 488502  | 30.27 | ng/ul | 0.00  |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.71  | 67  | 295959  | 31.80 | ng/ul | 0.00  |
| 9) 2-Chlorophenol-d4           | 7.93  | 132 | 362728  | 29.73 | ng/ul | 0.00  |
| 13) 4-Methylphenol-d8          | 9.12  | 113 | 387792  | 30.86 | ng/ul | 0.00  |
| 19) Nitrobenzene-d5            | 9.59  | 128 | 175315  | 28.89 | ng/ul | 0.00  |
| 22) 2-Nitrophenol-d4           | 10.32 | 143 | 187107  | 29.76 | ng/ul | 0.00  |
| 26) 2,4-Dichlorophenol-d3      | 10.86 | 165 | 325047  | 28.84 | ng/ul | 0.00  |
| 29) 4-Chloroaniline-d4         | 11.38 | 131 | 457666  | 39.57 | ng/ul | 0.00  |
| 43) Dimethylphthalate-d6       | 14.42 | 166 | 1052869 | 32.21 | ng/ul | 0.00  |
| 46) Acenaphthylene-d8          | 14.73 | 160 | 1330744 | 30.86 | ng/ul | 0.00  |
| 51) 4-Nitrophenol-d4           | 15.21 | 143 | 159664  | 26.31 | ng/ul | 0.00  |
| 57) Fluorene-d10               | 16.01 | 176 | 883852  | 31.73 | ng/ul | 0.00  |
| 62) 4,6-Dinitro-2-methylphenol | 16.12 | 200 | 108952  | 21.08 | ng/ul | 0.00  |
| 70) Anthracene-d10             | 17.85 | 188 | 1352874 | 31.18 | ng/ul | 0.00  |
| 76) Pyrene-d10                 | 20.11 | 212 | 1467837 | 29.47 | ng/ul | 0.00  |
| 87) Benzo(a)pyrene-d12         | 24.20 | 264 | 1267260 | 32.22 | ng/ul | -0.02 |

## Target Compounds

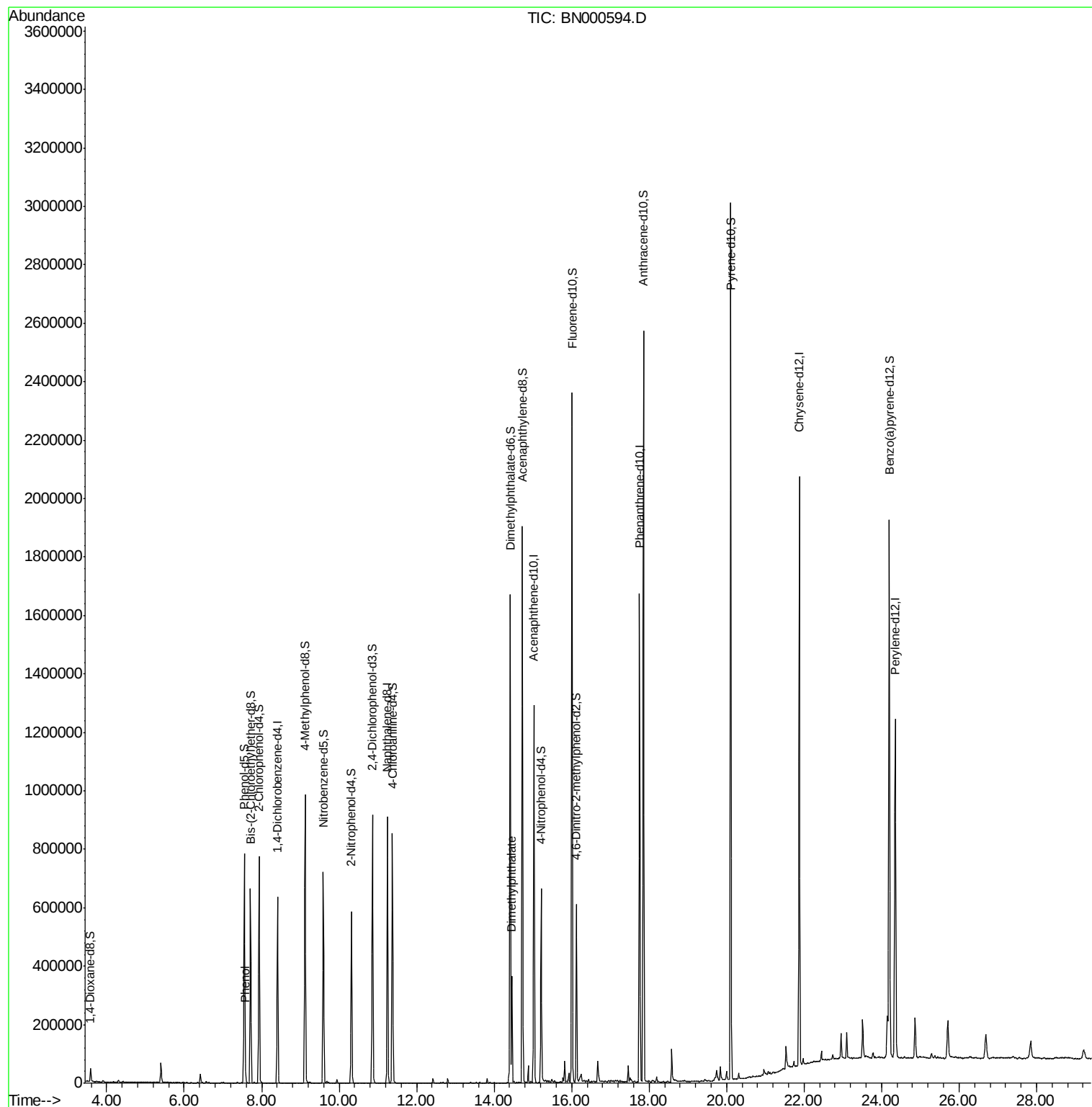
|                       |       |     |        |              | Ovalue |
|-----------------------|-------|-----|--------|--------------|--------|
| 6) Phenol             | 7.58  | 94  | 21328  | 1.296 ng/ul  | 98     |
| 44) Dimethylphthalate | 14.46 | 163 | 212563 | 6.574 ng/ul# | 98     |

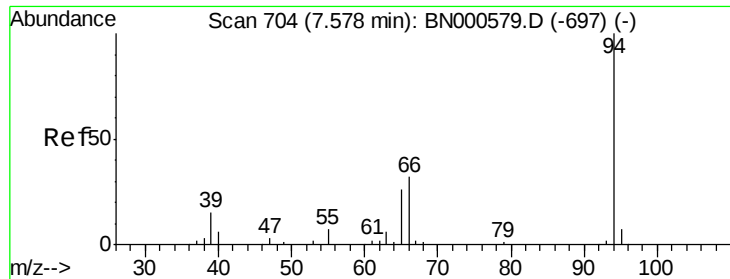
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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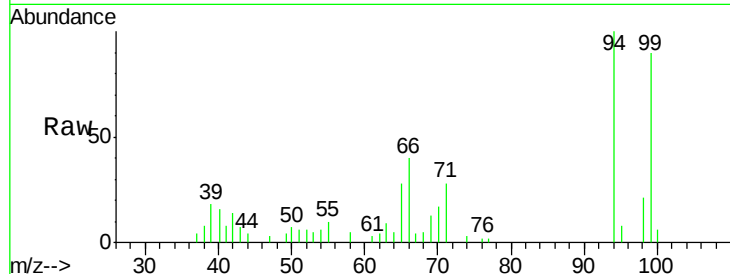
#6

Phenol

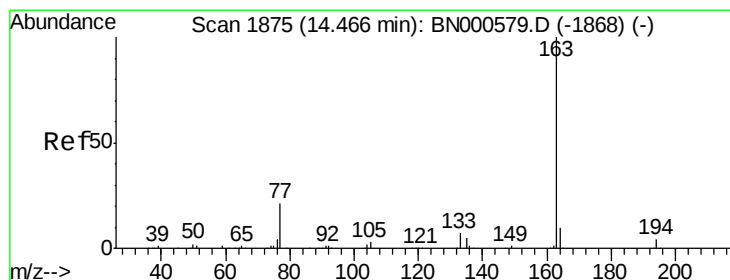
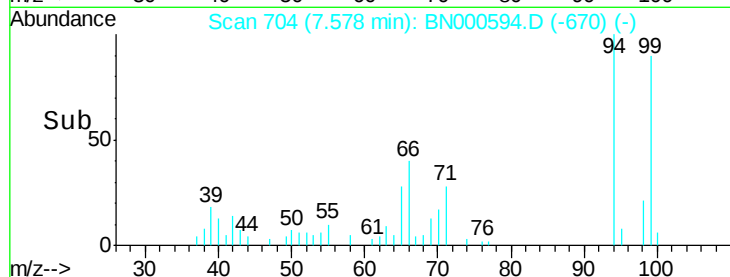
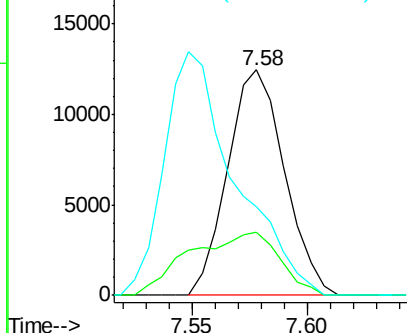
Concen: 1.296 ng/ul  
 RT: 7.58 min Scan# 704  
 Delta R.T. -0.00 min  
 Lab File: BN000594.D  
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Tot Ion: 94 Resp: 21328  
 Ion Ratio Lower Upper  
 94 100  
 65 28.0 23.0 34.6  
 66 39.6 30.4 45.6



Abundance Ion 94.00 (93.70 to 94.70): BN0  
 Ion 65.00 (64.70 to 65.70): BN0  
 Ion 66.00 (65.70 to 66.70): BN0

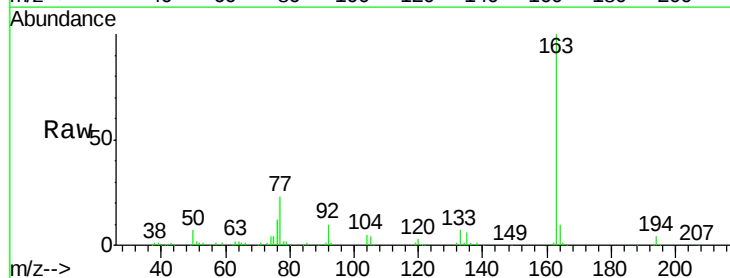


#44

Dimethylphthalate

Concen: 6.574 ng/ul  
 RT: 14.46 min Scan# 1874  
 Delta R.T. -0.01 min  
 Lab File: BN000594.D  
 Acq: 24 Mar 2018 00:33

Tgt Ion:163 Resp: 212563  
 Ion Ratio Lower Upper  
 163 100  
 194 3.8 4.0 6.0#  
 164 10.0 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E  
 Ion 194.00 (193.70 to 194.70): E  
 Ion 164.00 (163.70 to 164.70): E

