

Data Path : Z:\HPCHEM1\BNA N\DATA\BN031918\  
 Data File : BN000467.D  
 Acq On : 19 Mar 2018 23:16  
 Operator : JU/SJ  
 Sample : J1933-15  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 BEEC9

Quant Time: Mar 20 02:02:57 2018  
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Mar 20 01:58:48 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.42  | 152  | 249989   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 11.26 | 136  | 1086210  | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 15.04 | 164  | 582249   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.76 | 188  | 1191735  | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.88 | 240  | 1088677  | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 24.37 | 264  | 991509   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.60  | 96  | 33424   | 4.78  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.55  | 99  | 605631  | 25.96 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.73  | 67  | 378551  | 28.14 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.94  | 132 | 468632  | 26.57 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 9.12  | 113 | 457208  | 25.17 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.60  | 128 | 236009  | 26.75 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 10.33 | 143 | 256003  | 28.01 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.87 | 165 | 434995  | 26.55 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 11.38 | 131 | 665522  | 39.58 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 14.42 | 166 | 1458025 | 31.70 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.74 | 160 | 1809812 | 29.82 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 15.21 | 143 | 249957  | 29.26 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 16.02 | 176 | 1201334 | 30.65 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 16.13 | 200 | 174674  | 25.59 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.86 | 188 | 1825197 | 31.86 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 20.12 | 212 | 1866889 | 31.06 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 24.21 | 264 | 1529560 | 32.68 | ng/ul | 0.00 |

## Target Compounds

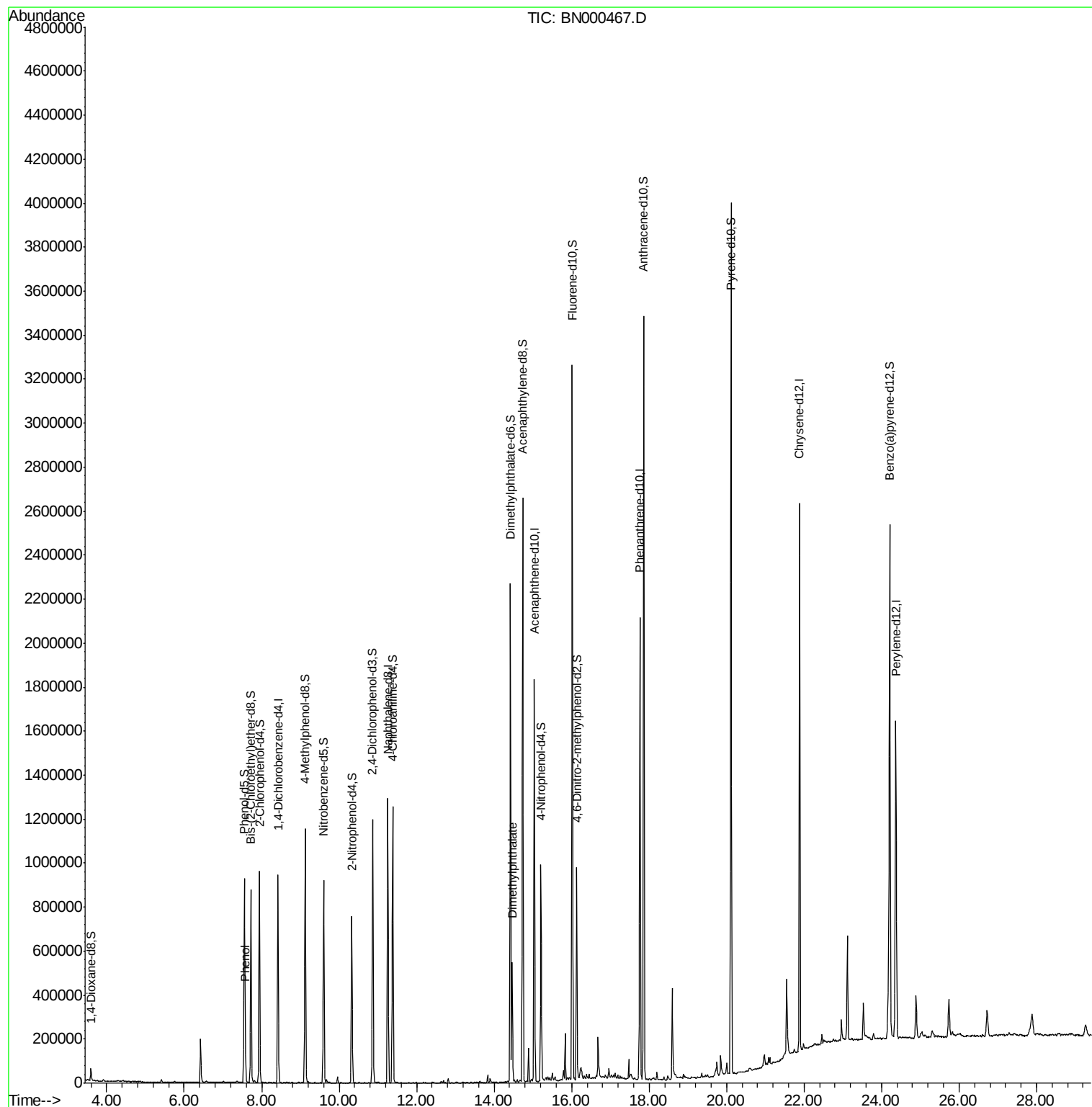
|                       |       |     |        |       | Ovalue |    |
|-----------------------|-------|-----|--------|-------|--------|----|
| 6) Phenol             | 7.58  | 94  | 74988  | 3.151 | ng/ul  | 96 |
| 44) Dimethylphthalate | 14.47 | 163 | 314411 | 6.910 | ng/ul# | 97 |

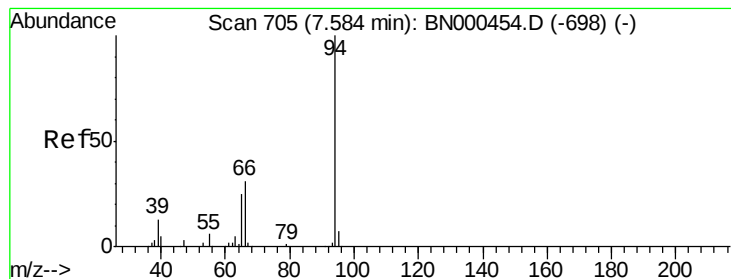
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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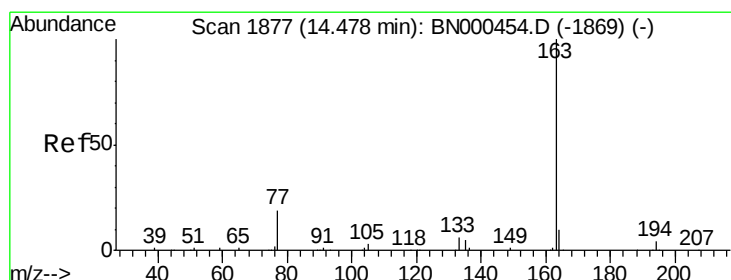
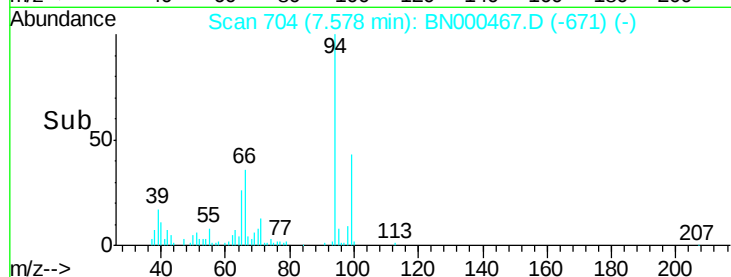
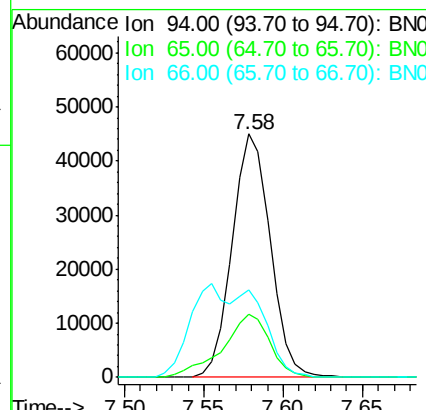
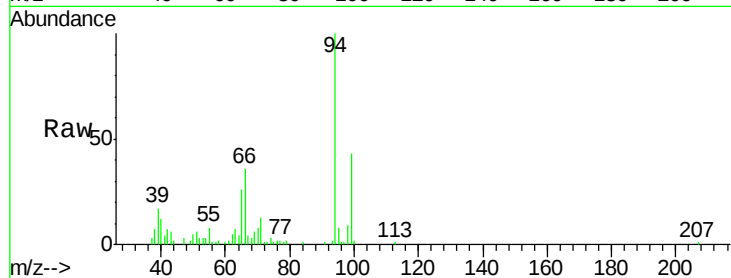
#6

Phenol

Concen: 3.151 ng/ul  
 RT: 7.58 min Scan# 704  
 Delta R.T. -0.01 min  
 Lab File: BN000467.D  
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Tot Ion: 94 Resp: 74988  
 Ion Ratio Lower Upper  
 94 100  
 65 26.2 23.0 34.6  
 66 36.1 30.4 45.6



#44

Dimethylphthalate

Concen: 6.910 ng/ul  
 RT: 14.47 min Scan# 1876  
 Delta R.T. -0.01 min  
 Lab File: BN000467.D  
 Acq: 19 Mar 2018 23:16

Tgt Ion: 163 Resp: 314411  
 Ion Ratio Lower Upper  
 163 100  
 194 3.9 4.0 6.0#  
 164 9.7 8.4 12.6

