

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081518\  
 Data File : BN002336.D  
 Acq On : 15 Aug 2018 12:56  
 Operator : JU/SJ  
 Sample : J4422-20  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 C0AE2

Manual Integrations  
 APPROVED

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Quant Time: Aug 16 01:33:43 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN081318MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Aug 16 01:13:14 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.68  | 152  | 149320   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.45 | 136  | 702491   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.31 | 164  | 440336   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.06 | 188  | 1042762  | 20.00 | ng/ul | 0.00     |
| 77) Chrysene-d12          | 21.27 | 240  | 1143349  | 20.00 | ng/ul | 0.01     |
| 85) Perylene-d12          | 23.50 | 264  | 1240681  | 20.00 | ng/ul | 0.02     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.24  | 96  | 21870   | 6.91  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.86  | 99  | 107956  | 7.89  | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.02  | 67  | 315814  | 36.72 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.22  | 132 | 304624  | 29.21 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.38  | 113 | 210061  | 19.19 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.83  | 128 | 209935  | 37.54 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.54  | 143 | 220152  | 37.44 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.08 | 165 | 361904  | 33.49 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.62 | 131 | 262     | 0.02  | ng/ul | 0.03 |
| 43) Dimethylphthalate-d6       | 13.72 | 166 | 1422372 | 38.97 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.00 | 160 | 1713363 | 38.26 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.53 | 143 | 41828m  | 6.06  | ng/ul | 0.01 |
| 57) Fluorene-d10               | 15.30 | 176 | 1209908 | 38.23 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.44 | 200 | 202482  | 30.50 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.16 | 188 | 1908065 | 38.30 | ng/ul | 0.00 |
| 78) Pyrene-d10                 | 19.46 | 212 | 2143396 | 39.18 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12         | 23.36 | 264 | 2366721 | 36.48 | ng/ul | 0.02 |

| Target Compounds            |       |     |       |       | Ovalue |    |
|-----------------------------|-------|-----|-------|-------|--------|----|
| 33) 4-Chloro-3-methylphenol | 11.75 | 107 | 31689 | 2.632 | ng/ul  | 96 |

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

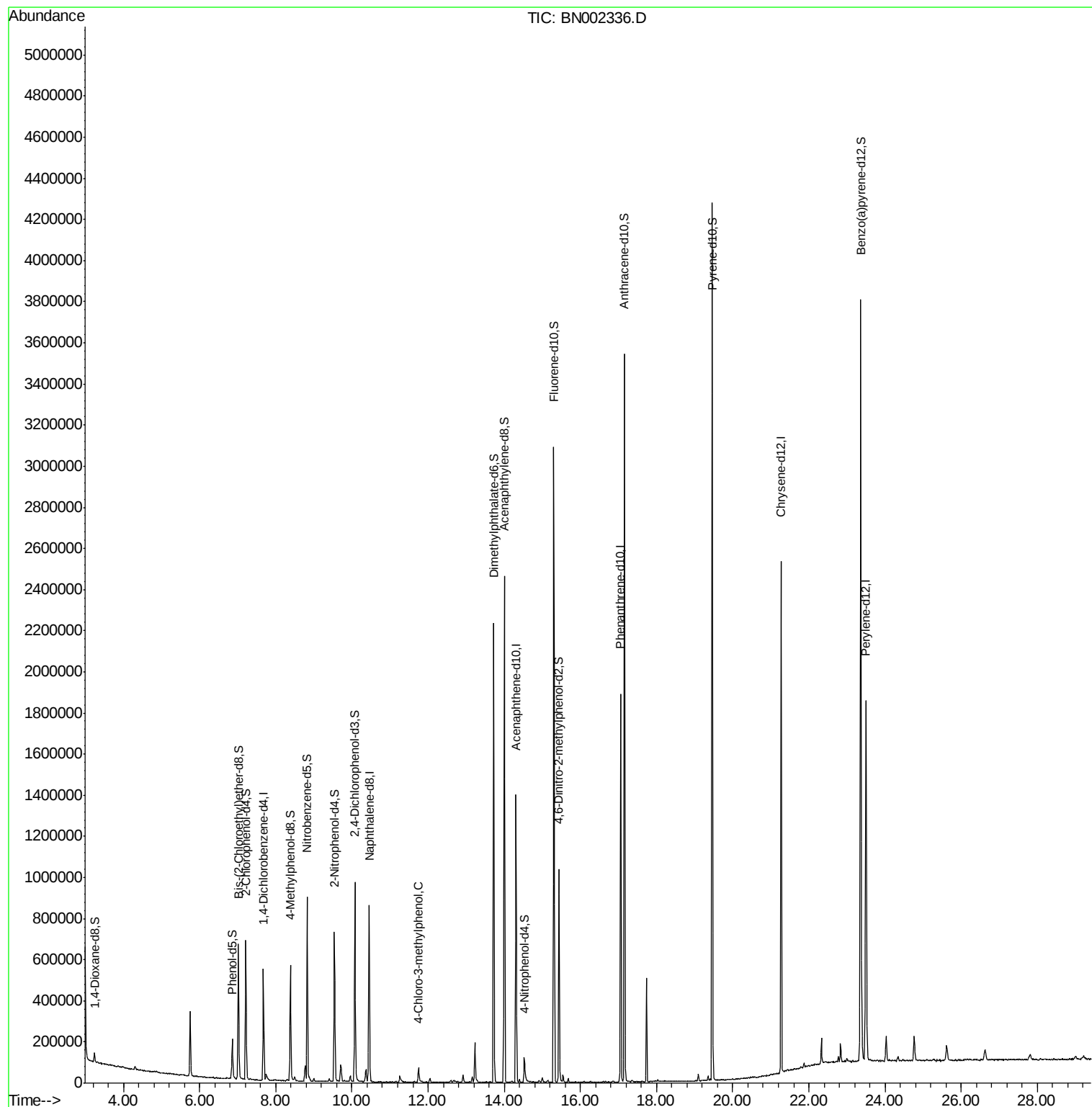
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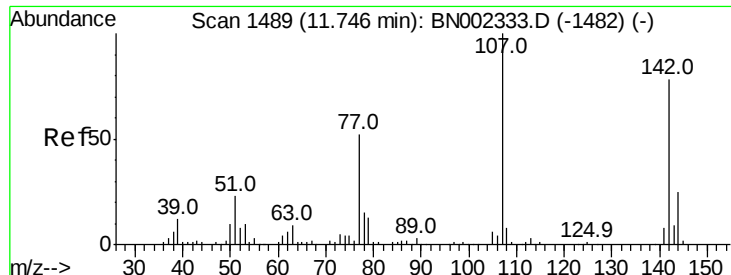
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#33  
 4-Chloro-3-methylphenol  
 Concen: 2.632 ng/ul  
 RT: 11.75 min Scan# 1490  
 Delta R.T. 0.01 min  
 Lab File: BN002336.D  
 Acq: 15 Aug 2018 12:56

Instrument :  
 BNA\_N  
 ClientSampleId :  
 C0AE2

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 107   | Resp: | 31689 |
| Ion Ratio | Lower | Upper |       |
| 107       | 100   |       |       |
| 144       | 24.8  | 20.4  | 30.6  |
| 142       | 74.4  | 62.5  | 93.7  |

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