

Data Path : Z:\HPCHEM1\BNA M\DATA\BM050916\  
 Data File : BM005359.D  
 Acq On : 09 May 2016 14:24  
 Operator : UM/SJ  
 Sample : H2888-03  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 D9WW0

Manual Integrations  
 APPROVED

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 5/10/2016 6:45:06 PM

Quant Time: May 10 04:59:27 2016  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM050516.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue May 10 04:23:52 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.77  | 152  | 84267    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.56 | 136  | 401619   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.41 | 164  | 257178   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.16 | 188  | 601792   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.35 | 240  | 670137   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.62 | 264  | 570901   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.27  | 96  | 5733   | 3.20  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.94  | 99  | 125465 | 16.42 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.10  | 67  | 77515  | 17.78 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.30  | 132 | 101815 | 17.64 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.47  | 113 | 108372 | 17.16 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.92  | 128 | 52256  | 18.22 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.65  | 143 | 60314  | 18.58 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.18 | 165 | 104581 | 17.33 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.70 | 131 | 158196 | 21.78 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 13.82 | 166 | 401481 | 19.48 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.10 | 160 | 471941 | 19.52 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.62 | 143 | 52058m | 13.83 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.40 | 176 | 351108 | 19.72 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.53 | 200 | 51408  | 15.19 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.26 | 188 | 564909 | 21.24 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.56 | 212 | 665054 | 21.50 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 23.47 | 264 | 550795 | 21.80 | ng/ul | 0.00 |

| Target Compounds      |       |     |       |      |       | Ovalue |
|-----------------------|-------|-----|-------|------|-------|--------|
| 44) Dimethylphthalate | 13.86 | 163 | 68000 | 3.30 | ng/ul | 99     |

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

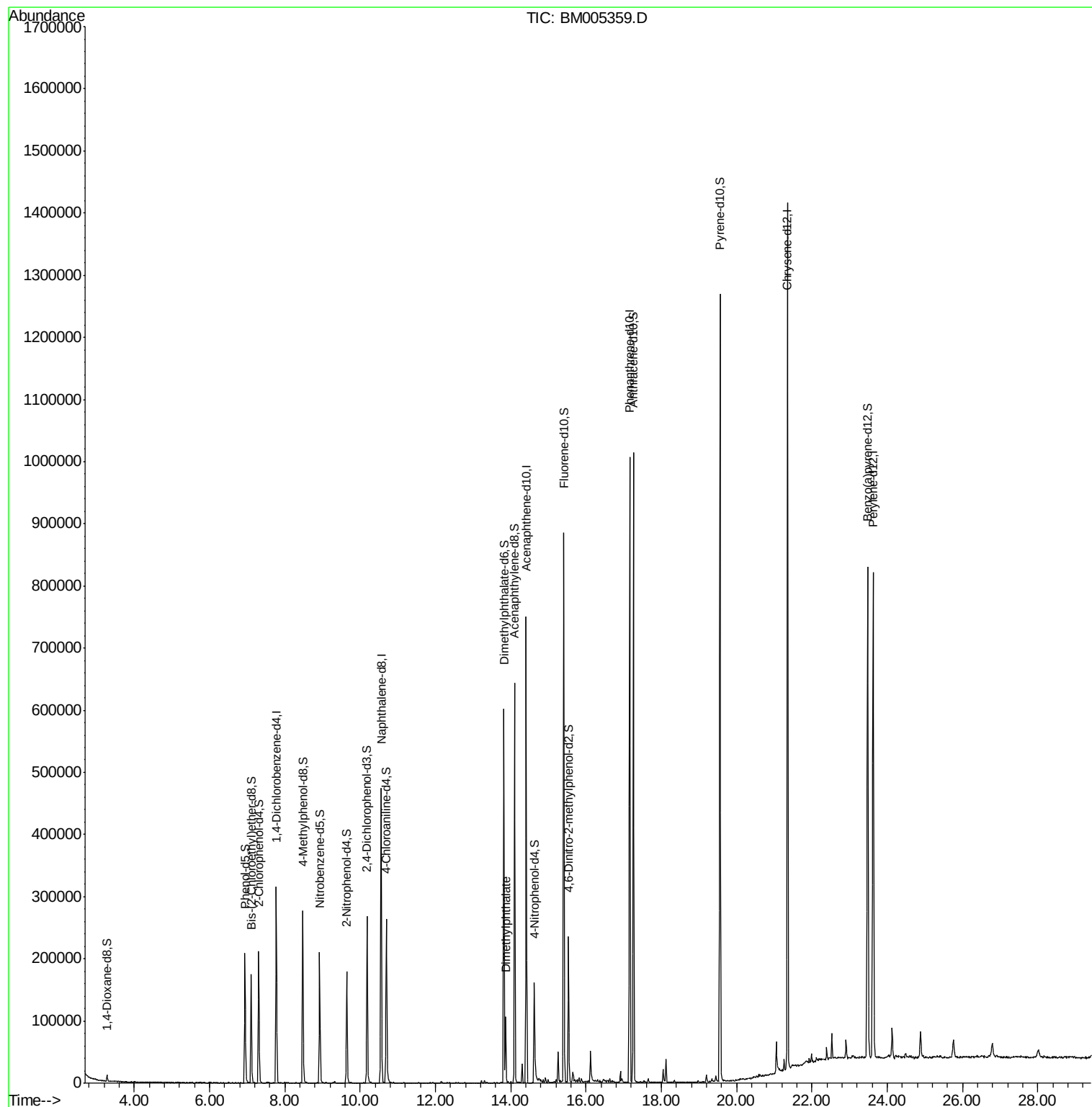
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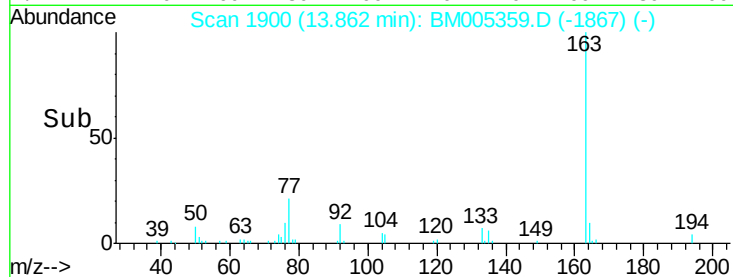
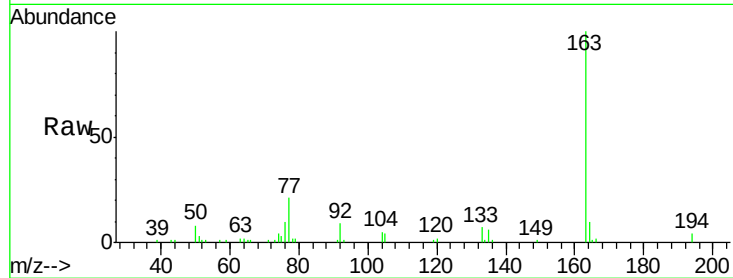
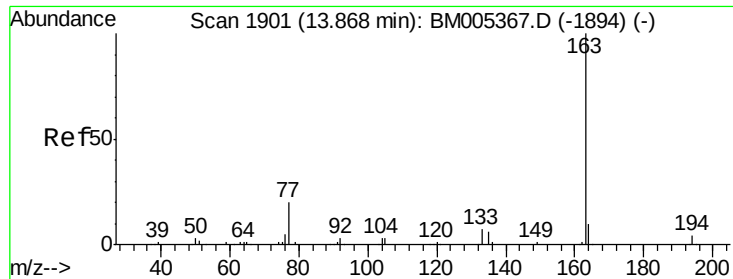
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#44  
 Dimethylphthalate  
 Concen: 3.30 ng/ul  
 RT: 13.86 min Scan# 1900  
 Delta R.T. -0.01 min  
 Lab File: BM005359.D  
 Acq: 09 May 2016 14:24

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 163   | Resp: | 68000 |
| Ion Ratio | Lower | Upper |       |
| 163       | 100   |       |       |
| 194       | 4.4   | 3.4   | 5.0   |
| 164       | 9.7   | 7.9   | 11.9  |

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