

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022416\  
 Data File : BM004393.D  
 Acq On : 24 Feb 2016 19:58  
 Operator : SJ/UM  
 Sample : H1515-10  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 0311-S18-0312

Manual Integrations  
 APPROVED

UMANGI  
 2/25/2016 2:43:45 PM

Quant Time: Feb 25 02:37:17 2016  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM022216.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Feb 25 02:09:59 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.62  | 152  | 24128    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.41 | 136  | 118547   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.29 | 164  | 73852    | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.04 | 188  | 171020   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.25 | 240  | 170721   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.47 | 264  | 127942   | 20.00 | ng/ul | 0.00     |

| System Monitoring Compounds    | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 3) 1,4-Dioxane-d8              | 3.08  | 96   | 2424     | 5.29  | ng/uL | 0.00     |
| 5) Phenol-d5                   | 6.81  | 99   | 56693    | 28.02 | ng/ul | 0.00     |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.96  | 67   | 30560    | 29.70 | ng/ul | 0.00     |
| 9) 2-Chlorophenol-d4           | 7.16  | 132  | 52832    | 30.28 | ng/ul | 0.00     |
| 13) 4-Methylphenol-d8          | 8.35  | 113  | 20308    | 11.23 | ng/ul | 0.00     |
| 19) Nitrobenzene-d5            | 8.78  | 128  | 27066    | 30.01 | ng/ul | 0.00     |
| 22) 2-Nitrophenol-d4           | 9.50  | 143  | 31117    | 30.27 | ng/ul | 0.00     |
| 26) 2,4-Dichlorophenol-d3      | 10.05 | 165  | 52545    | 28.28 | ng/ul | 0.00     |
| 29) 4-Chloroaniline-d4         | 10.56 | 131  | 45825m   | 19.78 | ng/ul | 0.00     |
| 44) Dimethylphthalate-d6       | 13.70 | 166  | 189090   | 29.85 | ng/ul | 0.00     |
| 47) Acenaphthylene-d8          | 13.97 | 160  | 229904   | 31.00 | ng/ul | 0.00     |
| 52) 4-Nitrophenol-d4           | 14.53 | 143  | 24869m   | 24.43 | ng/ul | 0.00     |
| 58) Fluorene-d10               | 15.28 | 176  | 171375   | 31.82 | ng/ul | 0.00     |
| 63) 4,6-Dinitro-2-methylphenol | 15.43 | 200  | 16873    | 16.06 | ng/ul | 0.00     |
| 71) Anthracene-d10             | 17.14 | 188  | 267912   | 31.97 | ng/ul | 0.00     |
| 79) Pyrene-d10                 | 19.45 | 212  | 306680   | 37.14 | ng/ul | 0.00     |
| 90) Benzo(a)pyrene-d12         | 23.34 | 264  | 223668   | 33.31 | ng/ul | 0.00     |

| Target Compounds      | R.T.  | QIon | Response | Conc  | Units | Ovalue |
|-----------------------|-------|------|----------|-------|-------|--------|
| 45) Dimethylphthalate | 13.75 | 163  | 71547    | 10.83 | ng/ul | 99     |

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

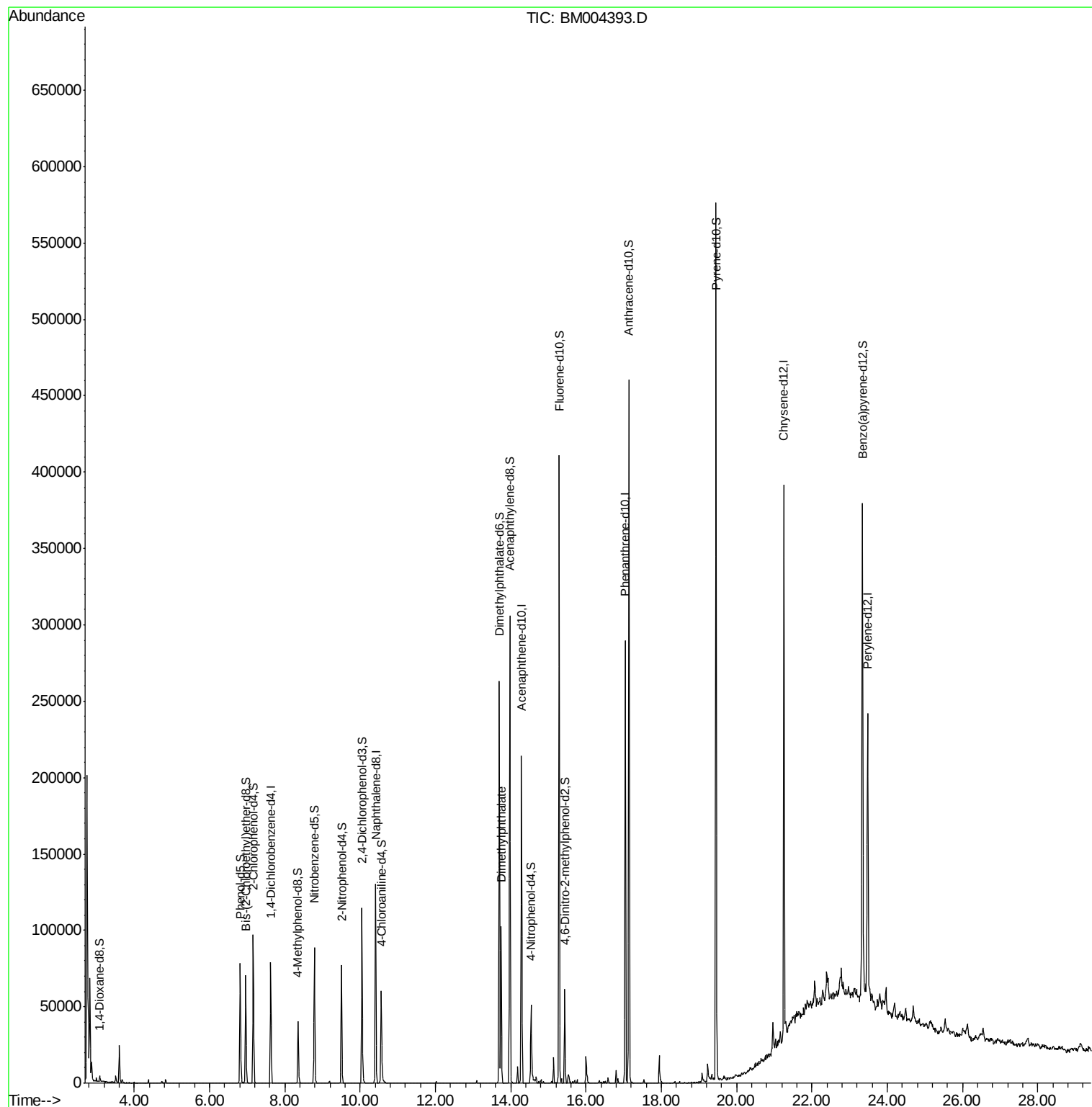
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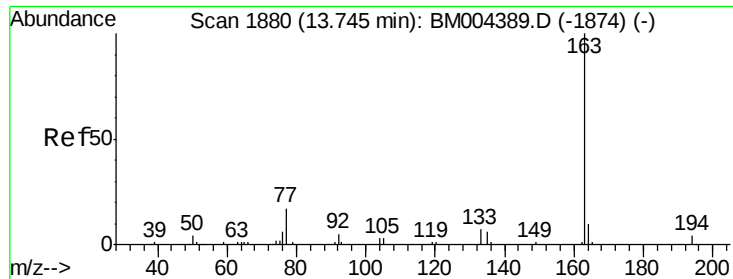
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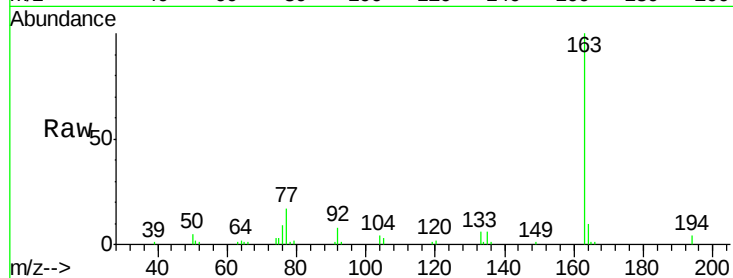
#45  
 Dimethylphthalate  
 Concen: 10.83 ng/ul  
 RT: 13.75 min Scan# 1880  
 Delta R.T. 0.00 min  
 Lab File: BM004393.D  
 Acq: 24 Feb 2016 19:58

Instrument :  
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| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 163     | 100   |       |       |
| 194     | 4.3   | 3.2   | 4.8   |
| 164     | 10.0  | 7.8   | 11.8  |

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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

