

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM072715\  
 Data File : BM002086.D  
 Acq On : 28 Jul 2015 08:34  
 Operator : UM/HP  
 Sample : MDL-05-S-ML  
 Misc : MDL-SOIL-SVOC-MED LEVEL-4PPM  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 MDL-05-S-ML

Quant Time: Jul 28 14:43:54 2015  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-BM072715.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Jul 27 16:22:43 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.60  | 152  | 51669    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.38 | 136  | 195788   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.26 | 164  | 112791   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.00 | 188  | 259546   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.20 | 240  | 310471   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.40 | 264  | 317107   | 20.00 | ng/ul | 0.00     |

| System Monitoring Compounds    | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 3) 1,4-Dioxane-d8              | 3.07  | 96   | 6114     | 6.12  | ng/uL | 0.00     |
| 5) Phenol-d5                   | 6.77  | 99   | 108756   | 29.45 | ng/ul | 0.00     |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.93  | 67   | 60872    | 29.80 | ng/ul | 0.00     |
| 9) 2-Chlorophenol-d4           | 7.13  | 132  | 95748    | 30.58 | ng/ul | 0.00     |
| 13) 4-Methylphenol-d8          | 8.30  | 113  | 86821    | 29.57 | ng/ul | 0.00     |
| 19) Nitrobenzene-d5            | 8.76  | 128  | 42853    | 30.79 | ng/ul | 0.00     |
| 22) 2-Nitrophenol-d4           | 9.47  | 143  | 48598    | 31.42 | ng/ul | 0.00     |
| 26) 2,4-Dichlorophenol-d3      | 10.01 | 165  | 89991    | 30.22 | ng/ul | 0.00     |
| 29) 4-Chloroaniline-d4         | 10.53 | 131  | 118106   | 36.09 | ng/ul | 0.00     |
| 44) Dimethylphthalate-d6       | 13.67 | 166  | 276386   | 33.45 | ng/ul | 0.00     |
| 47) Acenaphthylene-d8          | 13.95 | 160  | 329890   | 31.93 | ng/ul | 0.00     |
| 52) 4-Nitrophenol-d4           | 14.47 | 143  | 39189    | 28.42 | ng/ul | 0.00     |
| 58) Fluorene-d10               | 15.26 | 176  | 240708   | 33.11 | ng/ul | 0.00     |
| 63) 4,6-Dinitro-2-methylphenol | 15.39 | 200  | 34883    | 21.97 | ng/ul | 0.00     |
| 71) Anthracene-d10             | 17.10 | 188  | 379611   | 32.77 | ng/ul | 0.00     |
| 79) Pyrene-d10                 | 19.41 | 212  | 430367   | 32.93 | ng/ul | 0.00     |
| 90) Benzo(a)pyrene-d12         | 23.26 | 264  | 511785   | 33.29 | ng/ul | 0.00     |

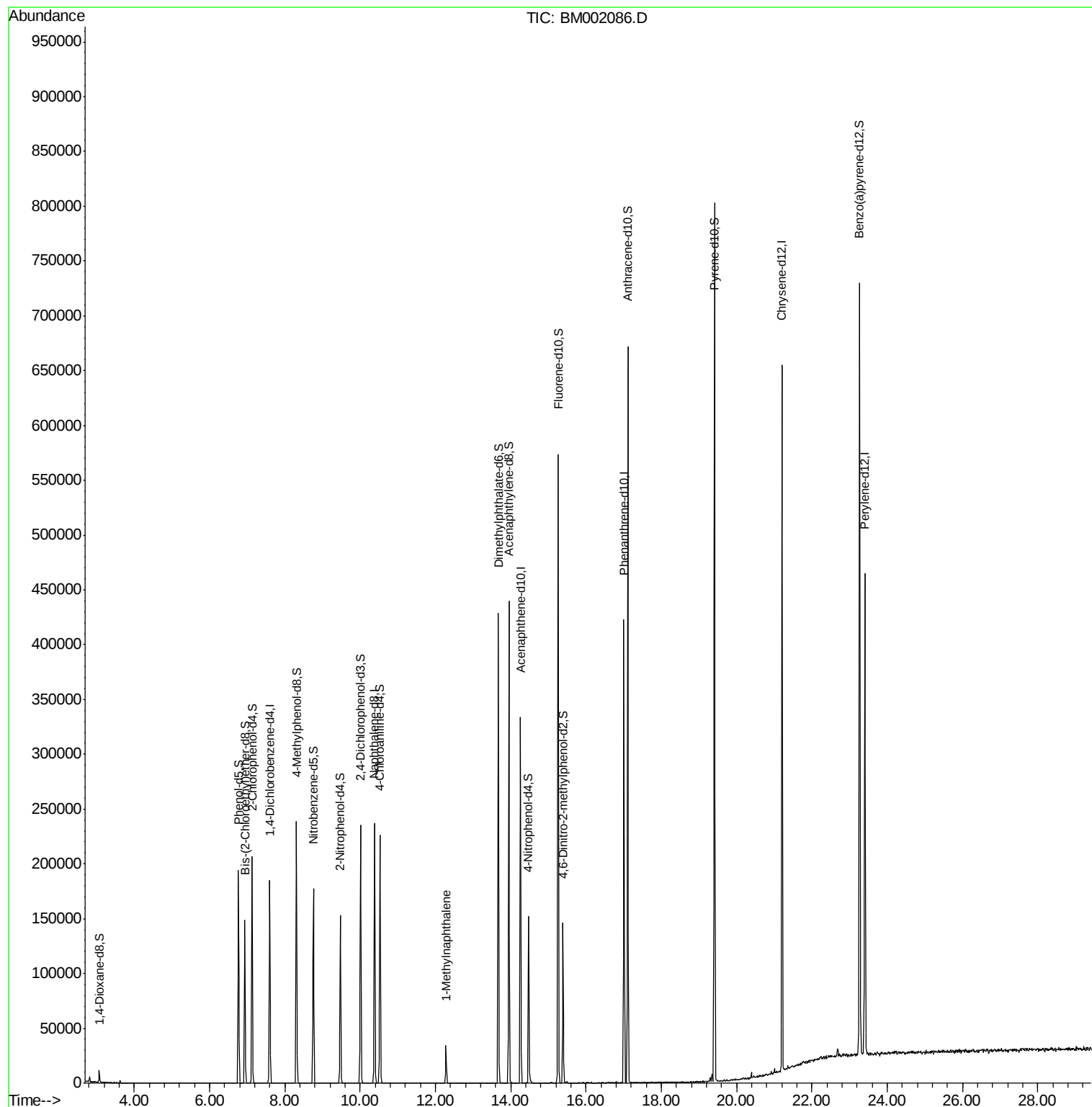
| Target Compounds        | R.T.  | QIon | Response | Conc | Units | Qvalue |
|-------------------------|-------|------|----------|------|-------|--------|
| 35) 1-Methylnaphthalene | 12.28 | 142  | 19440    | 2.99 | ng/ul | 93     |

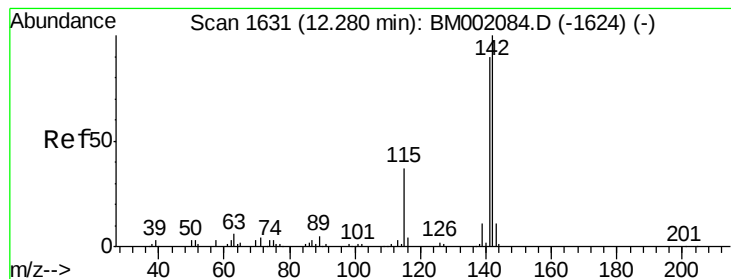
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#35  
 1-Methylnaphthalene  
 Concen: 2.99 ng/ul  
 RT: 12.28 min Scan# 1631  
 Delta R.T. 0.00 min  
 Lab File: BM002086.D  
 Acq: 28 Jul 2015 08:34

Instrument :  
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 MDL-05-S-ML

Tgt Ion:142 Resp: 19440  
 Ion Ratio Lower Upper  
 142 100  
 141 83.4 72.4 108.6  
 116 3.9 3.2 4.8

