

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102417\  
 Data File : BM012423.D  
 Acq On : 24 Oct 2017 18:45  
 Operator : SJ/JU  
 Sample : I6032-04  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 TWP-B-11

Quant Time: Oct 25 00:57:37 2017  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Oct 25 00:51:00 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.88  | 152  | 399105   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.67 | 136  | 1762816  | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.51 | 164  | 1237691  | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.25 | 188  | 3144802  | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.42 | 240  | 3904676  | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.72 | 264  | 4149178  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |       |
|--------------------------------|-------|-----|---------|-------|-------|-------|
| 3) 1,4-Dioxane-d8              | 3.36  | 96  | 55912   | 7.16  | ng/uL | 0.00  |
| 5) Phenol-d5                   | 7.04  | 99  | 223953  | 6.72  | ng/ul | 0.00  |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.21  | 67  | 579895  | 29.30 | ng/ul | 0.00  |
| 9) 2-Chlorophenol-d4           | 7.42  | 132 | 592411  | 23.72 | ng/ul | 0.00  |
| 13) 4-Methylphenol-d8          | 8.58  | 113 | 457539  | 16.06 | ng/ul | 0.00  |
| 19) Nitrobenzene-d5            | 9.03  | 128 | 355724  | 32.22 | ng/ul | 0.00  |
| 22) 2-Nitrophenol-d4           | 9.76  | 143 | 370954  | 32.61 | ng/ul | 0.00  |
| 26) 2,4-Dichlorophenol-d3      | 10.29 | 165 | 809450  | 26.87 | ng/ul | 0.00  |
| 29) 4-Chloroaniline-d4         | 10.80 | 131 | 64863   | 2.04  | ng/ul | 0.00  |
| 43) Dimethylphthalate-d6       | 13.92 | 166 | 3352603 | 31.01 | ng/ul | 0.00  |
| 46) Acenaphthylene-d8          | 14.20 | 160 | 3821643 | 29.88 | ng/ul | 0.00  |
| 51) 4-Nitrophenol-d4           | 14.69 | 143 | 107323  | 6.68  | ng/ul | -0.01 |
| 57) Fluorene-d10               | 15.50 | 176 | 2820948 | 30.82 | ng/ul | 0.00  |
| 62) 4,6-Dinitro-2-methylphenol | 15.61 | 200 | 410533  | 26.97 | ng/ul | 0.00  |
| 70) Anthracene-d10             | 17.34 | 188 | 4691037 | 31.30 | ng/ul | 0.00  |
| 76) Pyrene-d10                 | 19.63 | 212 | 5616567 | 31.35 | ng/ul | 0.00  |
| 87) Benzo(a)pyrene-d12         | 23.57 | 264 | 6238135 | 31.65 | ng/ul | 0.00  |

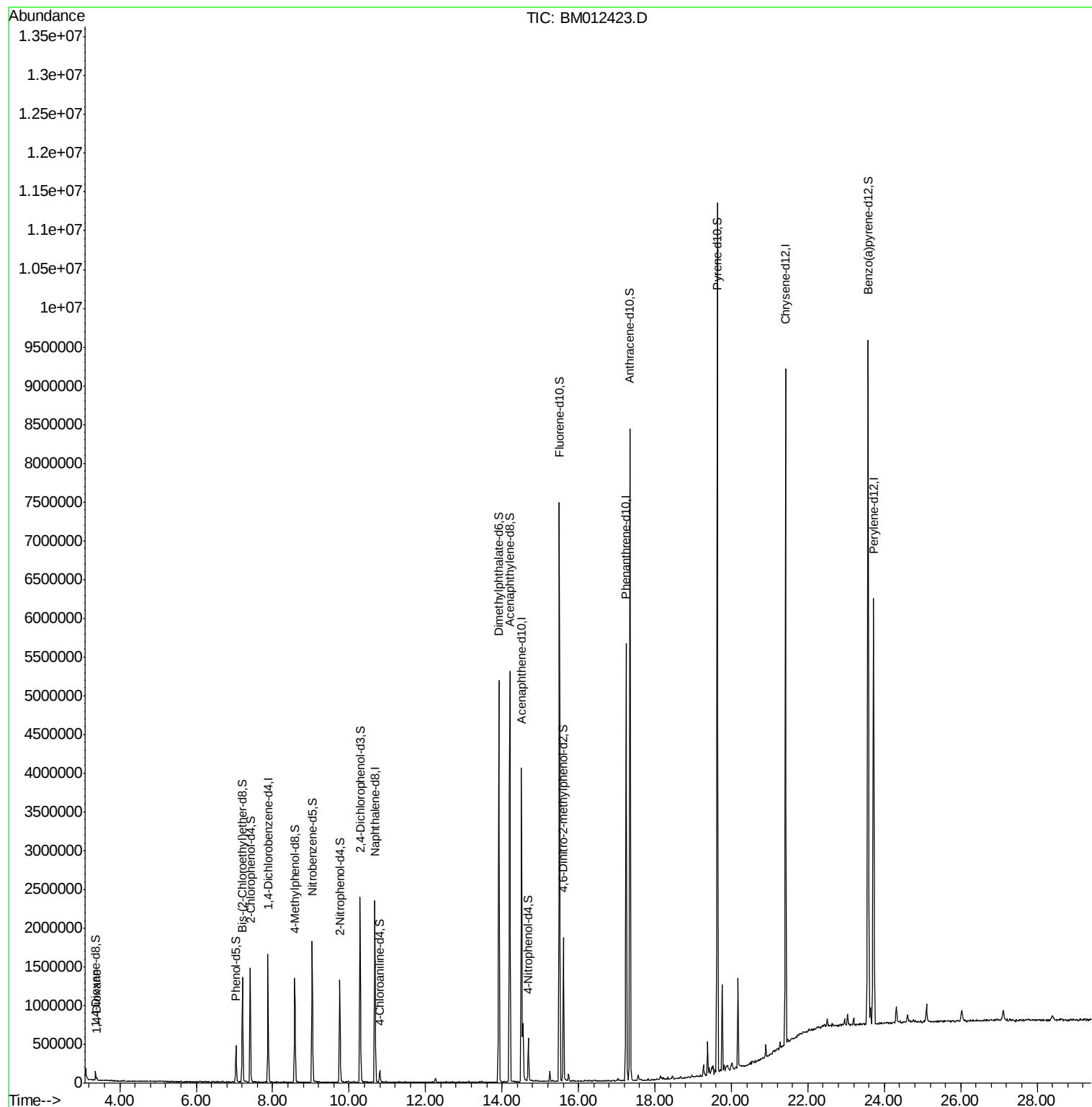
| Target Compounds |      |    |       |      | Ovalue |    |
|------------------|------|----|-------|------|--------|----|
| 2) 1,4-Dioxane   | 3.40 | 88 | 12693 | 1.52 | ng/uL# | 62 |

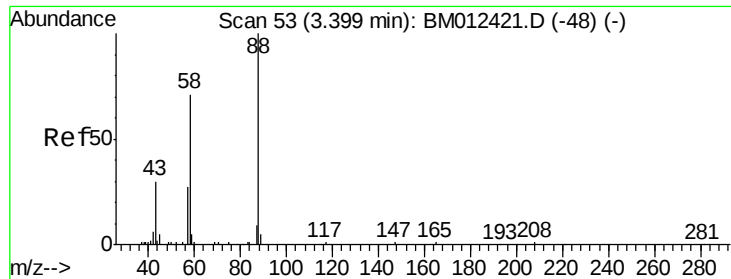
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 1.52 ng/uL

RT: 3.40 min Scan# 53

Delta R.T. 0.00 min

Lab File: BM012423.D

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BNA\_M

ClientSampleId :

TWP-B-11

Tot Ion: 88 Resp: 12693

Ion Ratio Lower Upper

88 100

43 29.9 48.0 72.0#

58 63.1 80.0 120.0#

