

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM061317\  
 Data File : BM010561.D  
 Acq On : 13 Jun 2017 15:40  
 Operator : SJ/MA  
 Sample : I3493-10DL 5X  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BDC72DL

Manual Integrations  
 APPROVED

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Quant Time: Jun 14 12:20:01 2017  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM052717.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Jun 14 01:46:30 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.87  | 152  | 98462    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.68 | 136  | 321067   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.52 | 164  | 228591   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.27 | 188  | 608713m  | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.43 | 240  | 858276   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.77 | 264  | 924858   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |      |       |      |
|--------------------------------|-------|-----|--------|------|-------|------|
| 3) 1,4-Dioxane-d8              | 0.00  | 96  | 0d     | 0.00 | ng/uL |      |
| 5) Phenol-d5                   | 7.07  | 99  | 9137   | 1.22 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.22  | 67  | 22779  | 5.43 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.42  | 132 | 29880  | 5.02 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.60  | 113 | 16902  | 2.81 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.06  | 128 | 17232  | 7.33 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.77  | 143 | 20937  | 7.69 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.31 | 165 | 40108  | 7.17 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.86 | 131 | 2636   | 0.49 | ng/ul | 0.01 |
| 43) Dimethylphthalate-d6       | 13.93 | 166 | 152021 | 8.00 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.22 | 160 | 156027 | 7.04 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 0.00  | 143 | 0d     | 0.00 | ng/ul |      |
| 57) Fluorene-d10               | 15.51 | 176 | 127919 | 7.66 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.64 | 200 | 27685  | 6.42 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.37 | 188 | 209891 | 7.09 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.66 | 212 | 270421 | 7.62 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 23.61 | 264 | 304370 | 7.07 | ng/ul | 0.00 |

| Target Compounds |      |    |       | Qvalue        |
|------------------|------|----|-------|---------------|
| 2) 1,4-Dioxane   | 3.39 | 88 | 40173 | 15.706 ng/uL# |

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

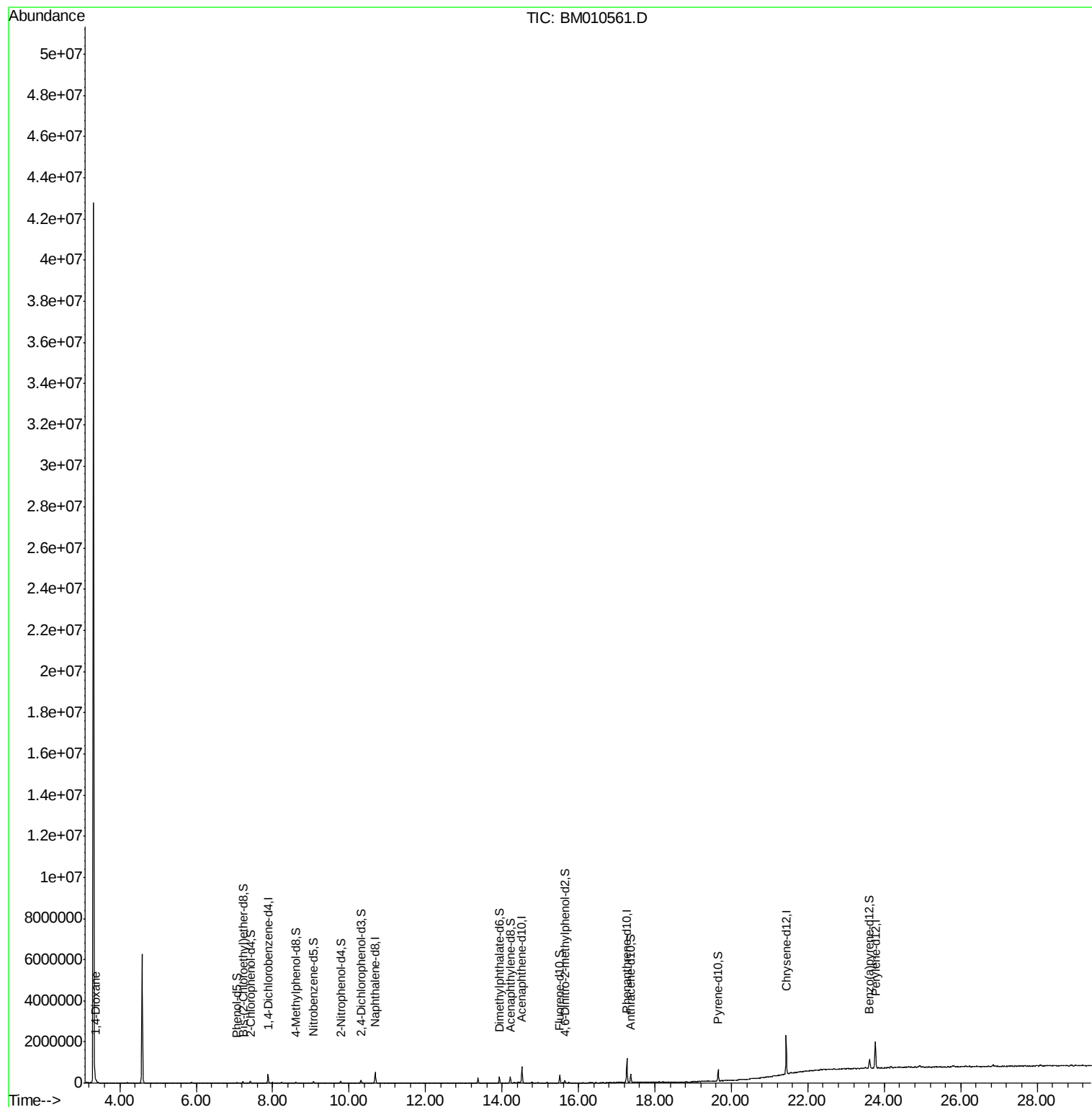
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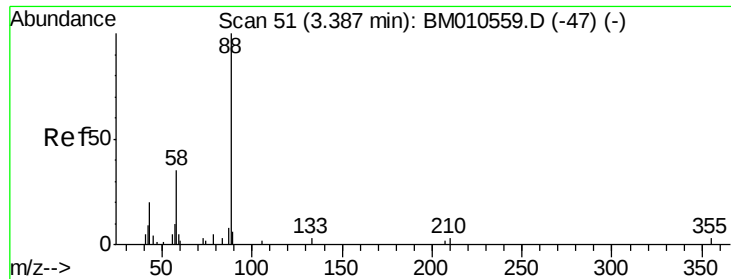
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#2

1,4-Dioxane

Concen: 15.706 ng/uL

RT: 3.39 min Scan# 51

Delta R.T. -0.00 min

Lab File: BM010561.D

Acq: 13 Jun 2017 15:40

Instrument :  
BNA\_M  
ClientSampleId :  
BDC72DL

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 88      | 100   |            |            |
| 43      | 20.8  | 1.1        | 1.7#       |
| 58      | 30.9  | 0.0        | 0.0#       |

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