

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG071315\  
 Data File : BG017848.D  
 Acq On : 14 Jul 2015 7:26  
 Operator : TP/UM  
 Sample : G2938-06  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 C0205

Quant Time: Jul 15 04:21:32 2015  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG070915.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Jul 15 04:02:40 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.59  | 152  | 64690    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.37 | 136  | 301419   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.25 | 164  | 176530   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.00 | 188  | 375033   | 20.00 | ng/ul | 0.00     |
| 77) Chrysene-d12          | 21.20 | 240  | 386630   | 20.00 | ng/ul | 0.00     |
| 85) Perylene-d12          | 23.42 | 264  | 365417   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.12  | 96  | 2899   | 1.81  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.77  | 99  | 45880  | 7.42  | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.93  | 67  | 119522 | 32.82 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.12  | 132 | 119315 | 23.89 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.30  | 113 | 76523  | 14.80 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.74  | 128 | 71935  | 28.41 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.46  | 143 | 64617  | 25.37 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 9.99  | 165 | 103883 | 23.29 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.51 | 131 | 13978  | 2.26  | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 13.66 | 166 | 375333 | 27.95 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 13.94 | 160 | 484797 | 29.90 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.45 | 143 | 13118  | 4.58  | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.25 | 176 | 350493 | 29.31 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.36 | 200 | 42550  | 18.79 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.10 | 188 | 519131 | 29.60 | ng/ul | 0.00 |
| 78) Pyrene-d10                 | 19.40 | 212 | 571606 | 30.66 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12         | 23.28 | 264 | 494445 | 27.12 | ng/ul | 0.00 |

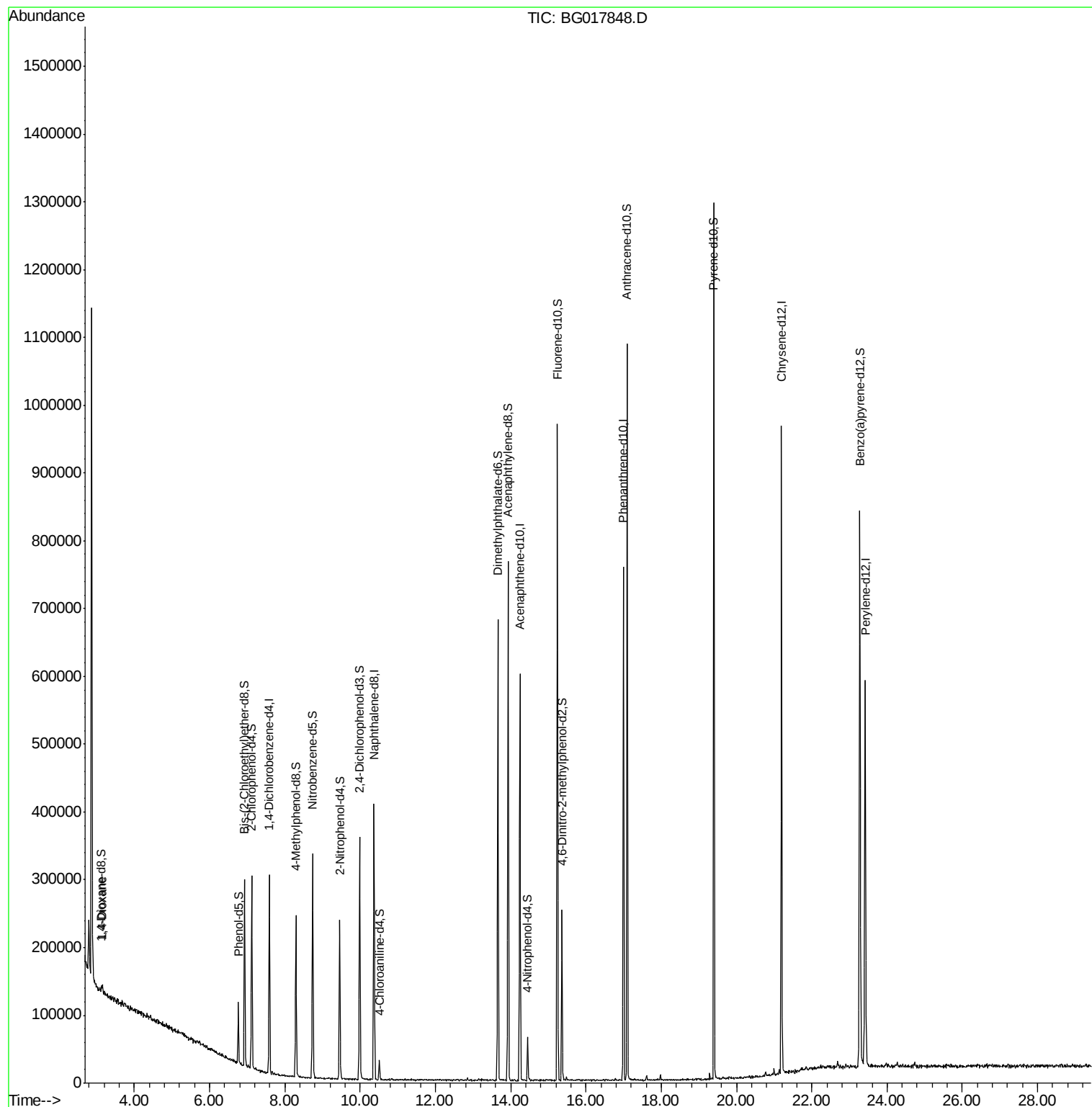
| Target Compounds |      |    |      |            | Qvalue |
|------------------|------|----|------|------------|--------|
| 2) 1,4-Dioxane   | 3.15 | 88 | 6417 | 3.78 ng/uL | 95     |

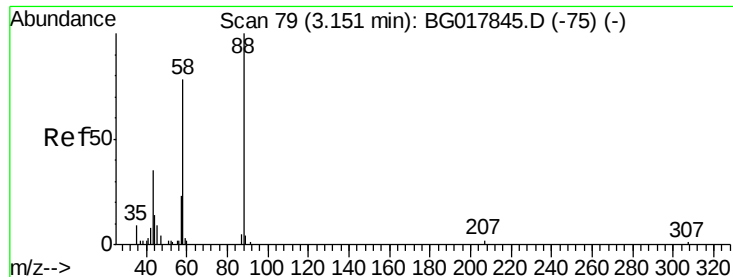
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2  
 1,4-Dioxane  
 Concen: 3.78 ng/uL  
 RT: 3.15 min Scan# 79  
 Delta R.T. 0.00 min  
 Lab File: BG017848.D  
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|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 88    | Resp: | 6417  |
| Ion      | Ratio | Lower | Upper |
| 88       | 100   |       |       |
| 43       | 45.4  | 30.9  | 46.3  |
| 58       | 79.0  | 61.4  | 92.2  |

