

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG080817\  
 Data File : BG028194.D  
 Acq On : 8 Aug 2017 17:44  
 Operator : SJ/JU  
 Sample : I4600-13  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 C02Y7

Manual Integrations  
 APPROVED

Sohil  
 8/9/2017 7:18:58 PM

Quant Time: Aug 09 02:13:39 2017  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG080217.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Aug 09 01:09:22 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.36  | 152  | 35765    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 11.17 | 136  | 148937   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.96 | 164  | 113602   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.71 | 188  | 339711   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 22.04 | 240  | 357058   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 25.55 | 264  | 343446   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.84  | 96  | 3739    | 4.87  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.50  | 99  | 24066   | 6.13  | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.67  | 67  | 69983   | 28.13 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.89  | 132 | 58864   | 23.75 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 9.05  | 113 | 44710   | 13.62 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.52  | 128 | 38365   | 32.94 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 10.25 | 143 | 46597   | 36.49 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.79 | 165 | 77346   | 29.28 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 11.31 | 131 | 5998    | 2.04  | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 14.35 | 166 | 378388  | 37.45 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.66 | 160 | 382858  | 33.61 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 15.15 | 143 | 12379m  | 7.71  | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.95 | 176 | 316795  | 34.95 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 16.06 | 200 | 70093   | 31.76 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.81 | 188 | 589728  | 36.20 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 20.08 | 212 | 687259  | 37.53 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 25.31 | 264 | 583990m | 36.32 | ng/ul | 0.00 |

| Target Compounds |      |    |      |       | Qvalue |    |
|------------------|------|----|------|-------|--------|----|
| 2) 1,4-Dioxane   | 3.88 | 88 | 5596 | 6.937 | ng/uL# | 86 |

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

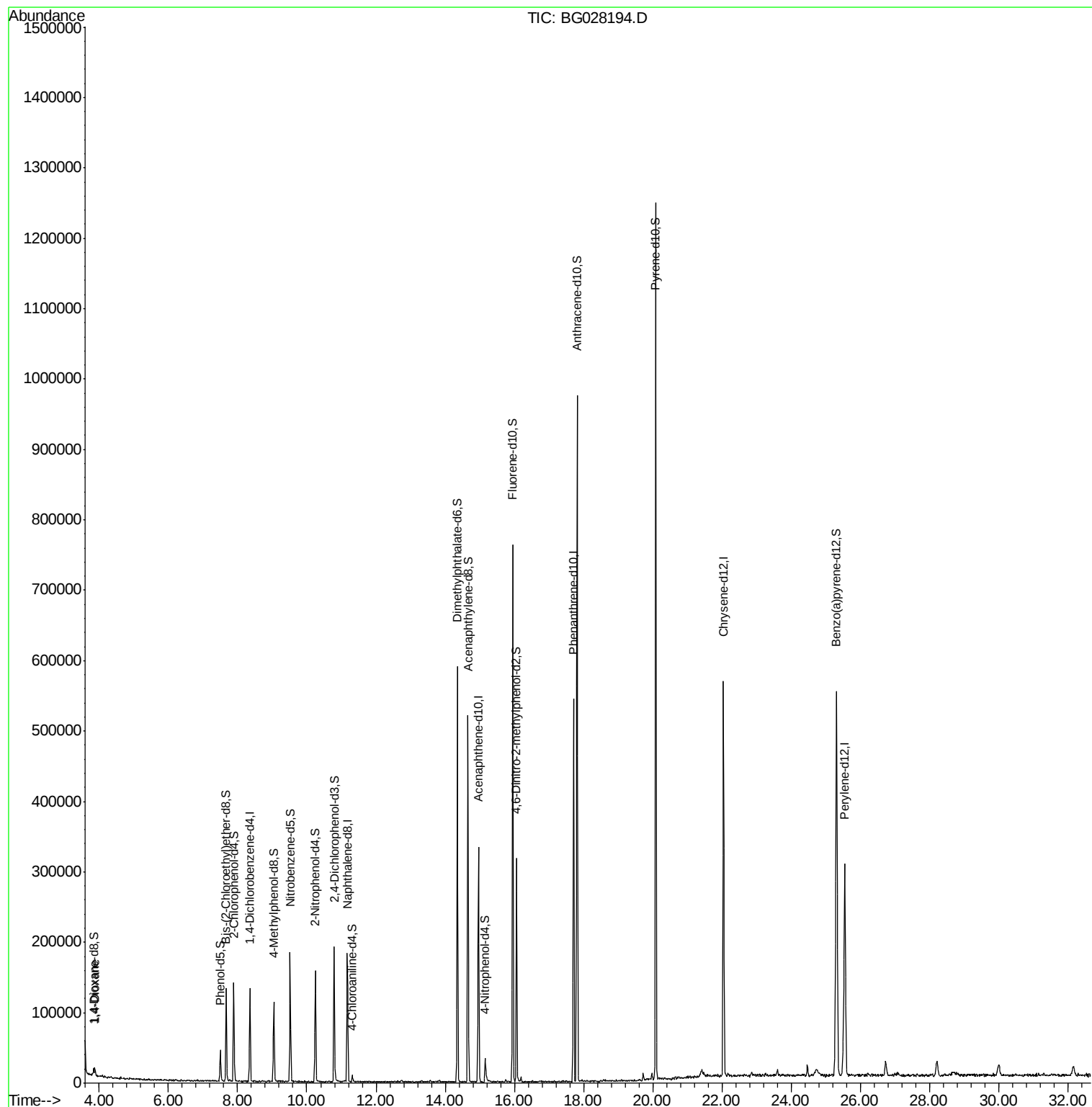
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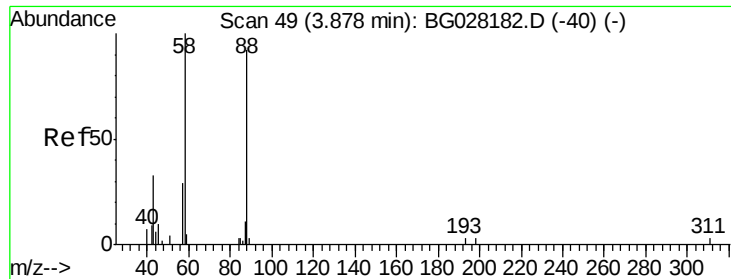
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#2  
 1,4-Dioxane  
 Concen: 6.937 ng/uL  
 RT: 3.88 min Scan# 50  
 Delta R.T. 0.00 min  
 Lab File: BG028194.D  
 Acq: 8 Aug 2017 17:44

Instrument :  
 BNA\_G  
 ClientSampleId :  
 C02Y7

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 25.1  | 39.2  | 58.8# |
| 58      | 85.2  | 69.4  | 104.0 |

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