

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080917\  
 Data File : BG028228.D  
 Acq On : 9 Aug 2017 16:30  
 Operator : SJ/JU  
 Sample : I4603-12  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 C0393

Manual Integrations  
 APPROVED

Sohil  
 8/10/2017 6:10:09 PM

Quant Time: Aug 10 03:10:14 2017  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Aug 10 01:59:02 2017  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|-------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 8.36  | 152  | 31077    | 20.00 | ng/ul  | 0.00     |
| 18) Naphthalene-d8             | 11.17 | 136  | 146526   | 20.00 | ng/ul  | 0.00     |
| 35) Acenaphthene-d10           | 14.96 | 164  | 116540   | 20.00 | ng/ul  | 0.00     |
| 61) Phenanthrene-d10           | 17.71 | 188  | 344429   | 20.00 | ng/ul  | 0.00     |
| 75) Chrysene-d12               | 22.03 | 240  | 387554   | 20.00 | ng/ul  | 0.00     |
| 83) Perylene-d12               | 25.54 | 264  | 372048   | 20.00 | ng/ul  | 0.00     |
| System Monitoring Compounds    |       |      |          |       |        |          |
| 3) 1,4-Dioxane-d8              | 3.84  | 96   | 3603     | 5.40  | ng/uL  | 0.00     |
| 5) Phenol-d5                   | 7.50  | 99   | 21463    | 6.29  | ng/ul  | 0.00     |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.67  | 67   | 58505    | 27.07 | ng/ul  | 0.00     |
| 9) 2-Chlorophenol-d4           | 7.89  | 132  | 52098    | 24.20 | ng/ul  | 0.00     |
| 13) 4-Methylphenol-d8          | 9.04  | 113  | 39931    | 14.00 | ng/ul  | 0.00     |
| 19) Nitrobenzene-d5            | 9.52  | 128  | 34060    | 29.73 | ng/ul  | 0.00     |
| 22) 2-Nitrophenol-d4           | 10.24 | 143  | 39683    | 31.59 | ng/ul  | 0.00     |
| 26) 2,4-Dichlorophenol-d3      | 10.79 | 165  | 67479    | 25.96 | ng/ul  | 0.00     |
| 29) 4-Chloroaniline-d4         | 11.33 | 131  | 60       | 0.02  | ng/ul  | 0.03     |
| 43) Dimethylphthalate-d6       | 14.35 | 166  | 347439   | 33.52 | ng/ul  | 0.00     |
| 46) Acenaphthylene-d8          | 14.65 | 160  | 310165   | 26.54 | ng/ul  | 0.00     |
| 51) 4-Nitrophenol-d4           | 15.15 | 143  | 11440m   | 6.94  | ng/ul  | 0.00     |
| 57) Fluorene-d10               | 15.95 | 176  | 285923   | 30.75 | ng/ul  | 0.00     |
| 62) 4,6-Dinitro-2-methylphenol | 16.06 | 200  | 67372    | 30.11 | ng/ul  | 0.00     |
| 70) Anthracene-d10             | 17.81 | 188  | 535021   | 32.39 | ng/ul  | 0.00     |
| 76) Pyrene-d10                 | 20.08 | 212  | 647977   | 32.60 | ng/ul  | 0.00     |
| 87) Benzo(a)pyrene-d12         | 25.30 | 264  | 530073   | 30.43 | ng/ul  | 0.00     |
| Target Compounds               |       |      |          |       |        |          |
| 2) 1,4-Dioxane                 | 3.88  | 88   | 4015     | 5.728 | ng/uL# | 89       |

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

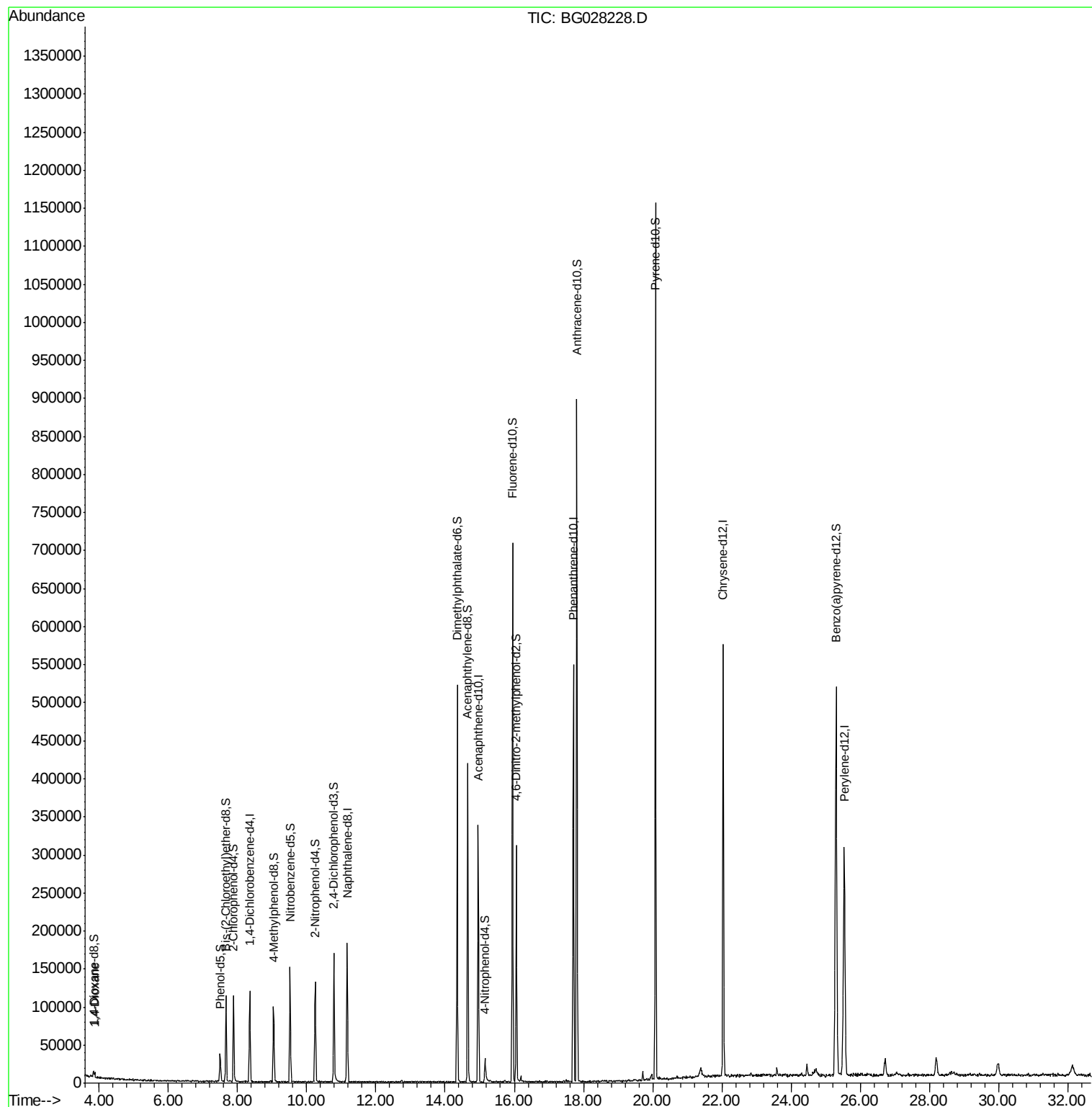
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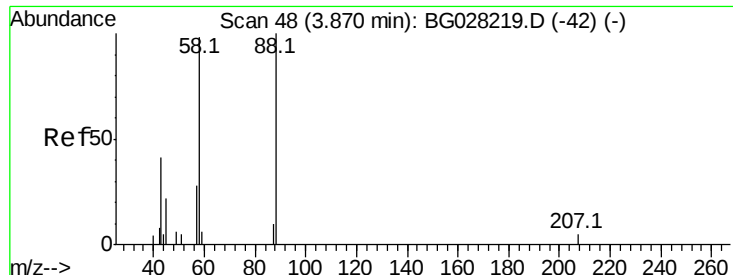
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#2  
 1,4-Dioxane  
 Concen: 5.728 ng/uL  
 RT: 3.88 min Scan# 49  
 Delta R.T. 0.01 min  
 Lab File: BG028228.D  
 Acq: 9 Aug 2017 16:30

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| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 30.8  | 39.2  | 58.8# |
| 58      | 88.0  | 69.4  | 104.0 |

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