

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG080717\  
 Data File : BG028155.D  
 Acq On : 7 Aug 2017 14:17  
 Operator : SJ/JU  
 Sample : I4578-03  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 C02T6

Manual Integrations  
 APPROVED

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 8/9/2017 9:27:52 PM

Quant Time: Aug 08 02:36:36 2017  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG080217.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Aug 08 02:19:05 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.36  | 152  | 76855    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 11.17 | 136  | 308069   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.96 | 164  | 218680   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.71 | 188  | 597210   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 22.04 | 240  | 642146   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 25.56 | 264  | 601526   | 20.00 | ng/ul | 0.00     |

| System Monitoring Compounds    | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 3) 1,4-Dioxane-d8              | 3.84  | 96   | 5821     | 3.53  | ng/uL | 0.00     |
| 5) Phenol-d5                   | 7.51  | 99   | 17716    | 2.10  | ng/ul | 0.00     |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.67  | 67   | 50678    | 9.48  | ng/ul | 0.00     |
| 9) 2-Chlorophenol-d4           | 7.89  | 132  | 45500    | 8.54  | ng/ul | 0.00     |
| 13) 4-Methylphenol-d8          | 9.05  | 113  | 33708    | 4.78  | ng/ul | 0.00     |
| 19) Nitrobenzene-d5            | 9.53  | 128  | 26841    | 11.14 | ng/ul | 0.00     |
| 22) 2-Nitrophenol-d4           | 10.25 | 143  | 31614    | 11.97 | ng/ul | 0.00     |
| 26) 2,4-Dichlorophenol-d3      | 10.79 | 165  | 55570    | 10.17 | ng/ul | 0.00     |
| 29) 4-Chloroaniline-d4         | 11.34 | 131  | 580      | 0.10  | ng/ul | 0.03     |
| 43) Dimethylphthalate-d6       | 14.35 | 166  | 268430   | 13.80 | ng/ul | 0.00     |
| 46) Acenaphthylene-d8          | 14.66 | 160  | 248224   | 11.32 | ng/ul | 0.00     |
| 51) 4-Nitrophenol-d4           | 15.16 | 143  | 8068m    | 2.61  | ng/ul | 0.01     |
| 57) Fluorene-d10               | 15.95 | 176  | 214886   | 12.32 | ng/ul | 0.00     |
| 62) 4,6-Dinitro-2-methylphenol | 16.06 | 200  | 49680    | 12.81 | ng/ul | 0.00     |
| 70) Anthracene-d10             | 17.81 | 188  | 419551   | 14.65 | ng/ul | 0.00     |
| 76) Pyrene-d10                 | 20.09 | 212  | 477981   | 14.52 | ng/ul | 0.00     |
| 87) Benzo(a)pyrene-d12         | 25.31 | 264  | 383377   | 13.61 | ng/ul | 0.00     |

| Target Compounds | R.T. | QIon | Response | Conc  | Units  | Qvalue |
|------------------|------|------|----------|-------|--------|--------|
| 2) 1,4-Dioxane   | 3.88 | 88   | 3776     | 2.178 | ng/uL# | 78     |

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

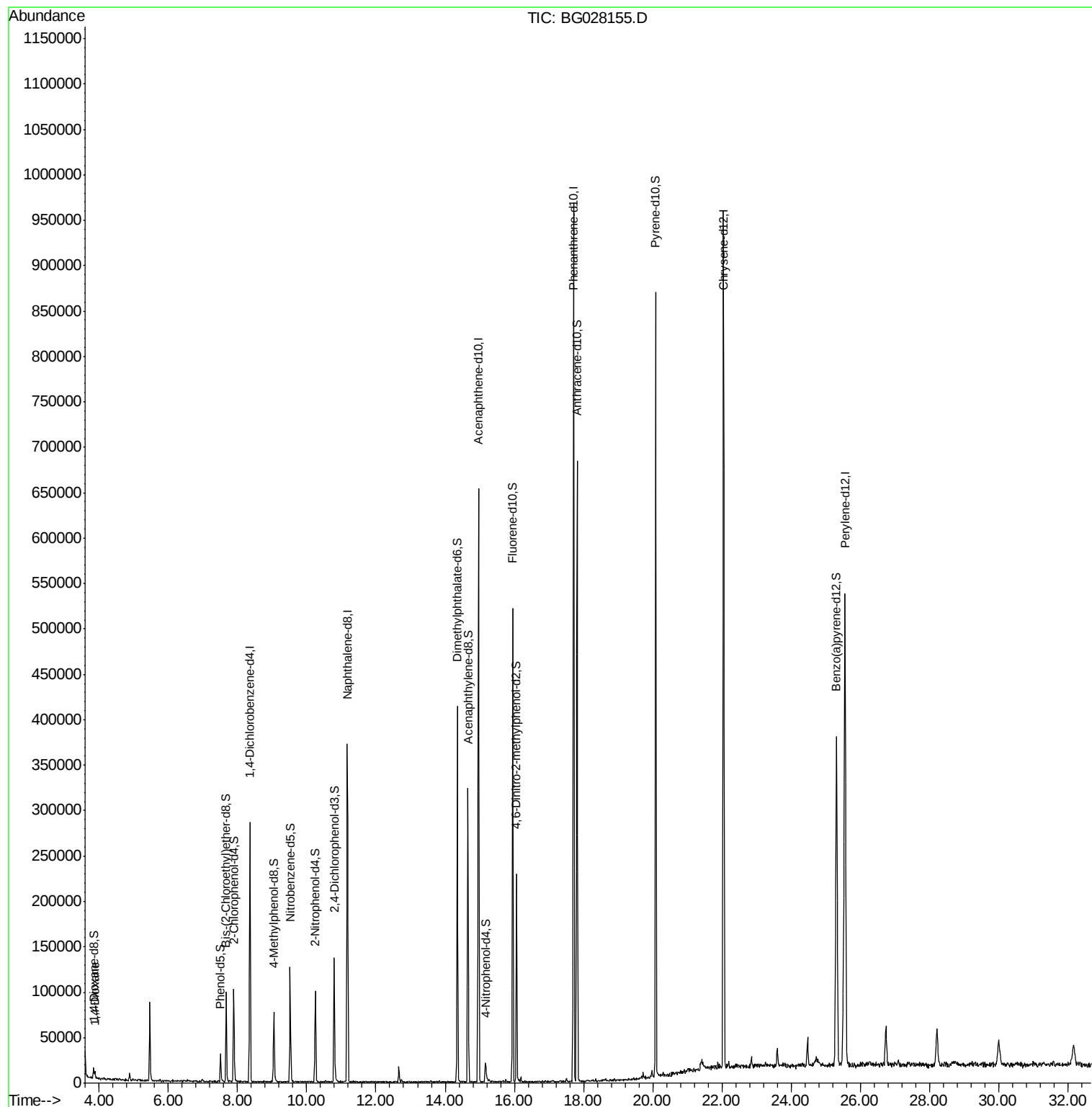
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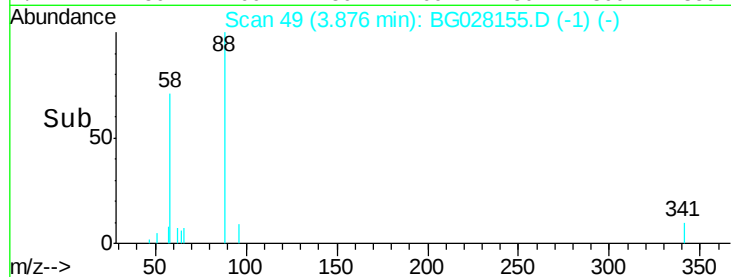
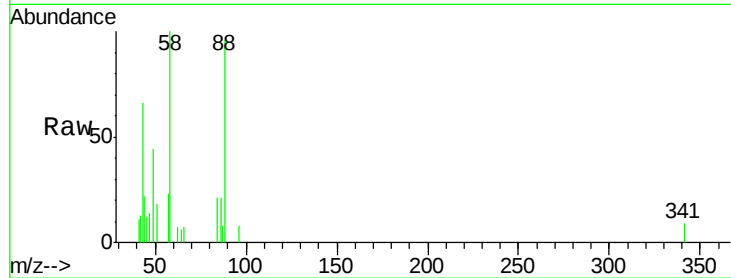
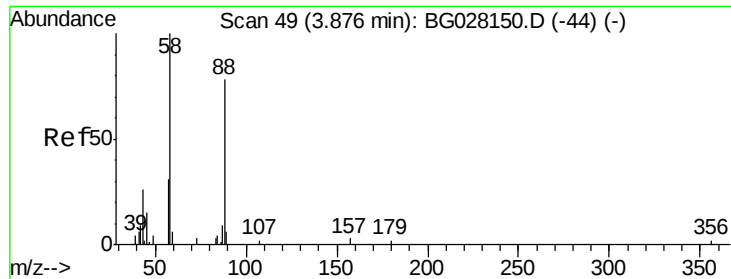
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#2  
 1,4-Dioxane  
 Concen: 2.178 ng/uL  
 RT: 3.88 min Scan# 49  
 Delta R.T. 0.00 min  
 Lab File: BG028155.D  
 Acq: 7 Aug 2017 14:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 68.7  | 39.2  | 58.8# |
| 58      | 103.7 | 69.4  | 104.0 |

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