

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG070823\  
 Data File : BG058127.D  
 Acq On : 9 Jul 2023 15:23  
 Operator : CG/JU  
 Sample : 03349-17  
 Misc :  
 ALS Vial : 46 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 YBW11

Quant Time: Jul 10 00:41:31 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG070123.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sat Jul 08 10:01:01 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.915  | 152  | 76486    | 20.000 | ng/u1 | 0.00     |
| 20) Naphthalene-d8            | 10.717 | 136  | 344352   | 20.000 | ng/u1 | 0.00     |
| 38) Acenaphthene-d10          | 14.554 | 164  | 256722   | 20.000 | ng/u1 | 0.00     |
| 64) Phenanthrene-d10          | 17.298 | 188  | 653321   | 20.000 | ng/u1 | 0.00     |
| 79) Chrysene-d12              | 21.552 | 240  | 603345   | 20.000 | ng/u1 | 0.00     |
| 88) Perylene-d12              | 24.707 | 264  | 735167   | 20.000 | ng/u1 | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 3) 1,4-Dioxane-d8             | 3.355  | 96   | 9147     | 4.188  | ng/uL | 0.00     |
| 4) Pyridine-d5                | 3.761  | 84   | 146122   | 22.035 | ng/u1 | 0.00     |
| 7) Phenol-d5                  | 7.080  | 99   | 185661   | 23.769 | ng/u1 | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.239  | 67   | 111867   | 23.765 | ng/u1 | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.451  | 132  | 127716   | 23.707 | ng/u1 | 0.00     |
| 15) 4-Methylphenol-d8         | 8.620  | 113  | 147949   | 25.102 | ng/u1 | 0.00     |
| 21) Nitrobenzene-d5           | 9.078  | 128  | 71767    | 25.571 | ng/u1 | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.801  | 143  | 81012    | 27.464 | ng/u1 | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.341 | 165  | 142922   | 25.258 | ng/u1 | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.852 | 131  | 210170   | 24.497 | ng/u1 | 0.00     |
| 46) Dimethylphthalate-d6      | 13.955 | 166  | 537019   | 26.512 | ng/u1 | 0.00     |
| 49) Acenaphthylene-d8         | 14.249 | 160  | 603841   | 27.319 | ng/u1 | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.754 | 143  | 98925    | 27.643 | ng/u1 | 0.00     |
| 60) Fluorene-d10              | 15.547 | 176  | 485742   | 28.237 | ng/u1 | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.665 | 200  | 90599    | 25.538 | ng/u1 | 0.00     |
| 73) Anthracene-d10            | 17.398 | 188  | 827195   | 27.286 | ng/u1 | 0.00     |
| 81) Pyrene-d10                | 19.689 | 212  | 1025118  | 26.978 | ng/u1 | 0.00     |
| 92) Benzo(a)pyrene-d12        | 24.495 | 264  | 1088333  | 29.057 | ng/u1 | 0.00     |

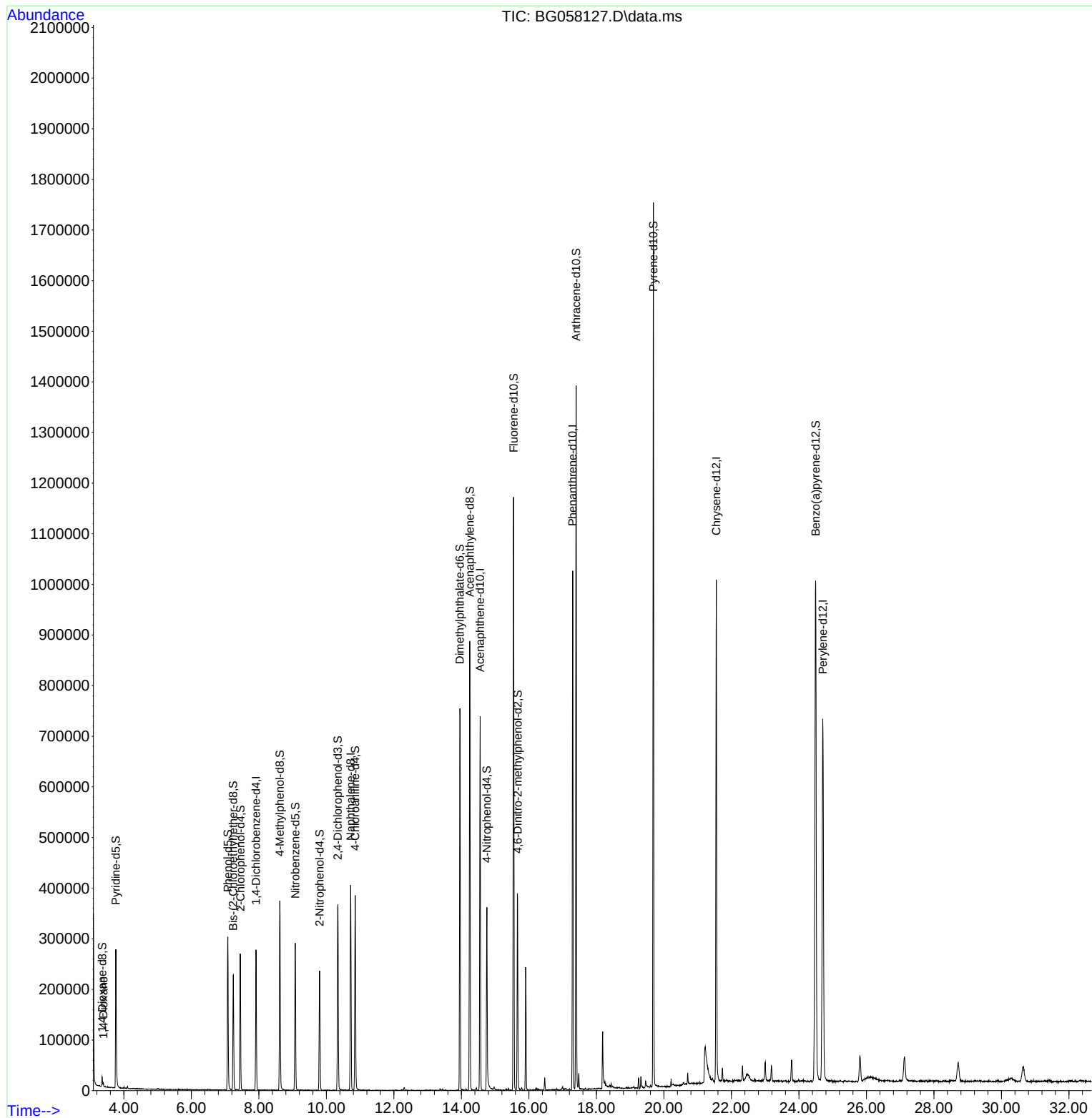
| Target Compounds |       |    |      |       | Qvalue |    |
|------------------|-------|----|------|-------|--------|----|
| 2) 1,4-Dioxane   | 3.391 | 88 | 4247 | 1.574 | ng/uL# | 86 |
| -----            |       |    |      |       |        |    |

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

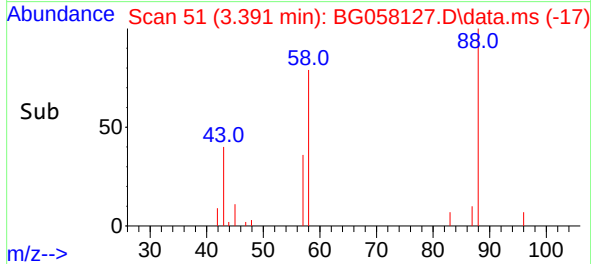
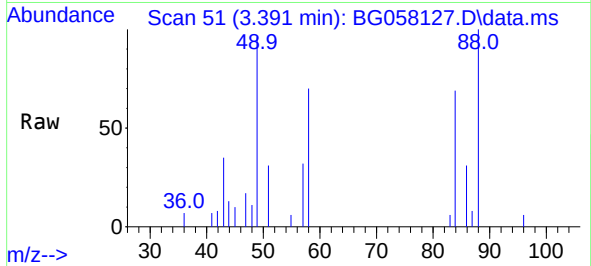
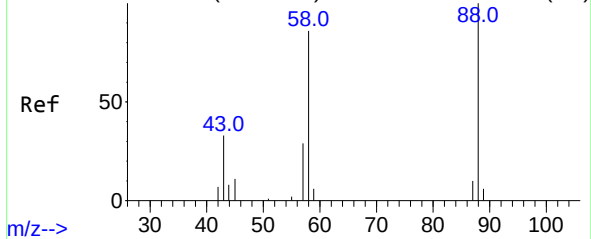
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Abundance Scan 51 (3.389 min): BG058113.D\data.ms (-47)



#2  
1,4-Dioxane  
Concen: 1.574 ng/uL  
RT: 3.391 min Scan# 51  
Delta R.T. -0.002 min  
Lab File: BG058127.D  
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|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 88    | Resp: | 4247  |
| Ion      | Ratio | Lower | Upper |
| 88       | 100   |       |       |
| 43       | 35.3  | 20.6  | 30.8# |
| 58       | 70.4  | 65.5  | 98.3  |

