

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG090823\  
 Data File : BG058929.D  
 Acq On : 8 Sep 2023 23:04  
 Operator : MA/JU  
 Sample : 04247-02  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 BBK14

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 09/09/2023  
 Supervised By :mohammad ahmed 09/10/2023

Quant Time: Sep 09 04:02:56 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG090823.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sat Sep 09 00:11:02 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.330  | 152  | 65598    | 20.000 | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 11.174 | 136  | 285740   | 20.000 | ng/u1  | 0.00     |
| 38) Acenaphthene-d10          | 14.957 | 164  | 282035   | 20.000 | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.707 | 188  | 802468m  | 20.000 | ng/u1  | 0.00     |
| 79) Chrysene-d12              | 22.031 | 240  | 650785   | 20.000 | ng/u1  | 0.00     |
| 88) Perylene-d12              | 25.604 | 264  | 764355   | 20.000 | ng/u1  | -0.01    |
|                               |        |      |          |        |        |          |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.635  | 96   | 10200m   | 7.458  | ng/uL  | -0.01    |
| 4) Pyridine-d5                | 4.070  | 84   | 49638    | 10.571 | ng/u1  | 0.00     |
| 7) Phenol-d5                  | 7.437  | 99   | 43930    | 6.752  | ng/u1  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.654  | 67   | 112340   | 30.522 | ng/u1  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.842  | 132  | 95334    | 24.565 | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 9.011  | 113  | 76274    | 15.126 | ng/u1  | 0.00     |
| 21) Nitrobenzene-d5           | 9.528  | 128  | 64177    | 38.131 | ng/u1  | 0.00     |
| 24) 2-Nitrophenol-d4          | 10.245 | 143  | 67037    | 36.359 | ng/u1  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.768 | 165  | 157589   | 29.461 | ng/u1  | 0.00     |
| 31) 4-Chloroaniline-d4        | 11.315 | 131  | 159980   | 23.315 | ng/u1  | 0.00     |
| 46) Dimethylphthalate-d6      | 14.358 | 166  | 679975   | 31.233 | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 14.658 | 160  | 675237   | 28.694 | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 15.116 | 143  | 19028    | 6.615  | ng/u1  | 0.00     |
| 60) Fluorene-d10              | 15.944 | 176  | 612958   | 29.872 | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 16.044 | 200  | 118392   | 32.406 | ng/u1  | 0.00     |
| 73) Anthracene-d10            | 17.807 | 188  | 1100638  | 30.151 | ng/u1  | 0.00     |
| 81) Pyrene-d10                | 20.075 | 212  | 1189210  | 31.509 | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 25.357 | 264  | 1188995  | 31.578 | ng/u1  | 0.00     |
|                               |        |      |          |        |        |          |
| Target Compounds              |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.676  | 88   | 2285m    | 1.372  | ng/uL  |          |
| -----                         |        |      |          |        |        |          |

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

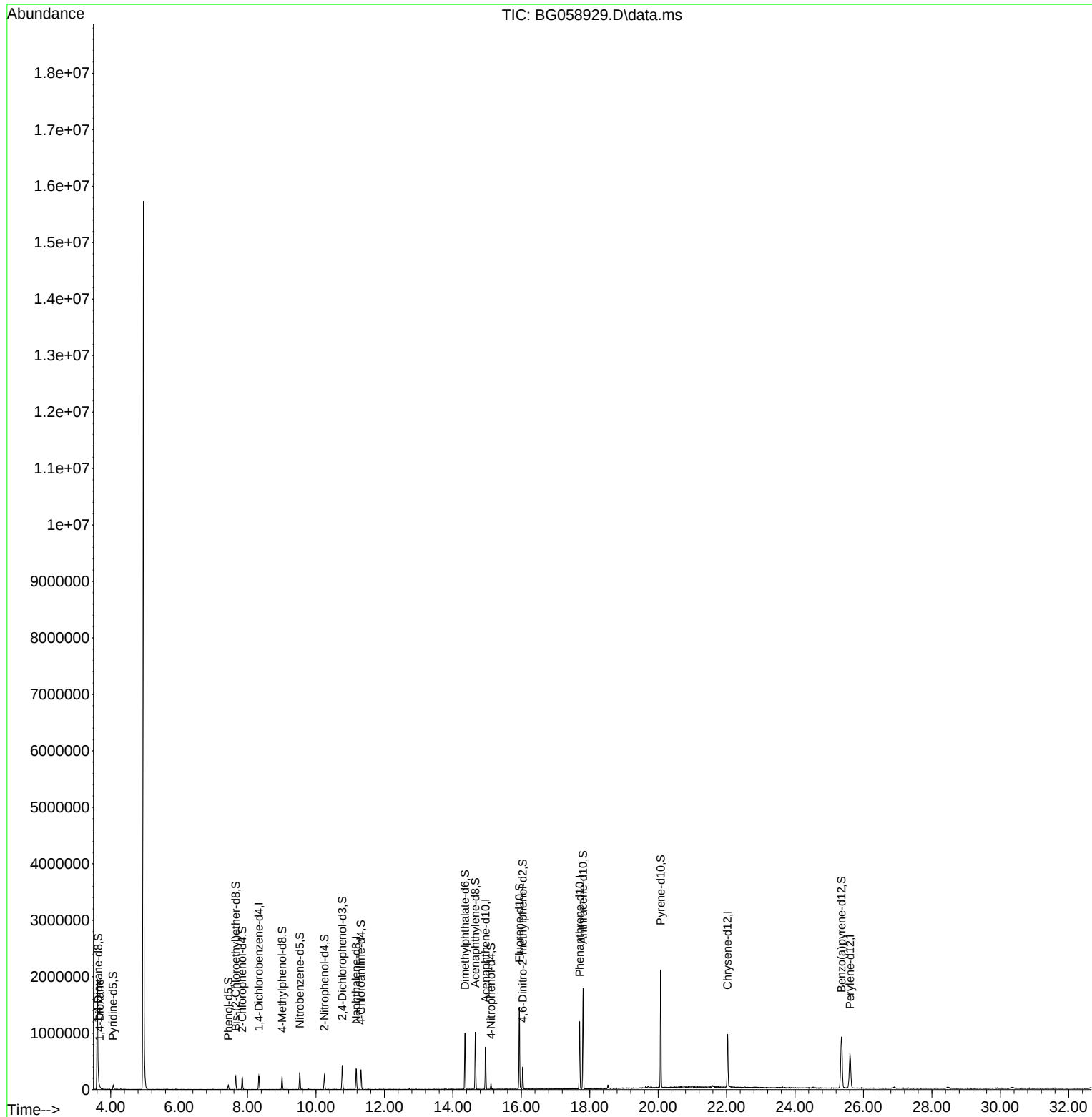
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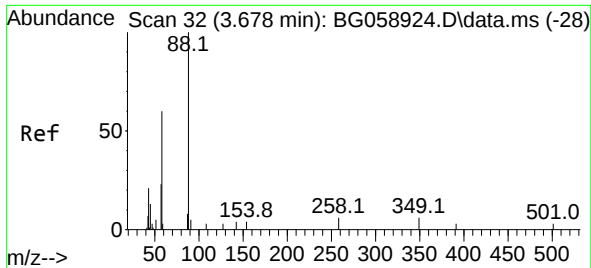
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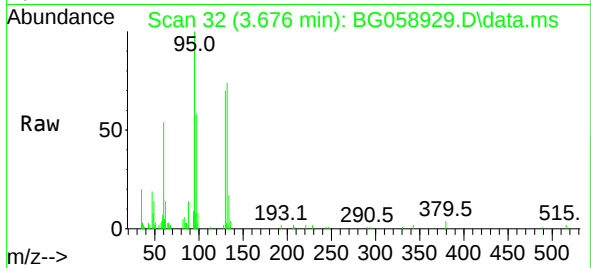
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#2  
 1,4-Dioxane  
 Concen: 1.372 ng/uL m  
 RT: 3.676 min Scan# 31  
 Delta R.T. -0.006 min  
 Lab File: BG058929.D  
 Acq: 8 Sep 2023 23:04

Instrument :  
 BNA\_G  
 ClientSampleId :  
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Tgt Ion: 88 Resp: 228  
 Ion Ratio Lower Upper  
 88 100  
 43 21.9 19.8 29.8  
 58 30.9 49.9 74.9

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