

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG100723\  
 Data File : BG059354.D  
 Acq On : 7 Oct 2023 22:57  
 Operator : MA/JU  
 Sample : 04607-22  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 BBJQ9

Manual Integrations  
 APPROVED

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

Quant Time: Oct 08 00:17:53 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG100723.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sat Oct 07 22:45:22 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.230  | 152  | 34818    | 20.000 | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 11.073 | 136  | 170154   | 20.000 | ng/u1  | # 0.00   |
| 38) Acenaphthene-d10          | 14.863 | 164  | 120284   | 20.000 | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.613 | 188  | 295346   | 20.000 | ng/u1  | 0.00     |
| 79) Chrysene-d12              | 21.914 | 240  | 255979   | 20.000 | ng/u1  | 0.00     |
| 88) Perylene-d12              | 25.398 | 264  | 312257   | 20.000 | ng/u1  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.523  | 96   | 4333m    | 4.437  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.964  | 84   | 30953    | 11.012 | ng/u1  | 0.00     |
| 7) Phenol-d5                  | 7.354  | 99   | 35398    | 9.207  | ng/u1  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.554  | 67   | 135528   | 62.369 | ng/u1  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.742  | 132  | 89838    | 33.412 | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.923  | 113  | 63039    | 21.045 | ng/u1  | 0.00     |
| 21) Nitrobenzene-d5           | 9.428  | 128  | 71440    | 49.321 | ng/u1  | 0.00     |
| 24) 2-Nitrophenol-d4          | 10.145 | 143  | 65944    | 42.063 | ng/u1  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.674 | 165  | 112956   | 39.918 | ng/u1  | 0.00     |
| 31) 4-Chloroaniline-d4        | 11.214 | 131  | 126800   | 28.210 | ng/u1  | 0.00     |
| 46) Dimethylphthalate-d6      | 14.258 | 166  | 441899   | 44.843 | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 14.569 | 160  | 525865   | 44.842 | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 15.051 | 143  | 16509    | 8.940  | ng/u1  | 0.00     |
| 60) Fluorene-d10              | 15.850 | 176  | 433373   | 46.072 | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.962 | 200  | 84171    | 43.165 | ng/u1  | 0.00     |
| 73) Anthracene-d10            | 17.713 | 188  | 668214   | 46.121 | ng/u1  | 0.00     |
| 81) Pyrene-d10                | 19.986 | 212  | 749691   | 48.345 | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 25.151 | 264  | 766146   | 46.627 | ng/u1  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 30) Naphthalene               | 11.120 | 128  | 111491   | 11.329 | ng/u1  | 97       |
| 37) 1-Methylnaphthalene       | 12.930 | 142  | 7086     | 1.040  | ng/u1# | 74       |
| -----                         |        |      |          |        |        |          |

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

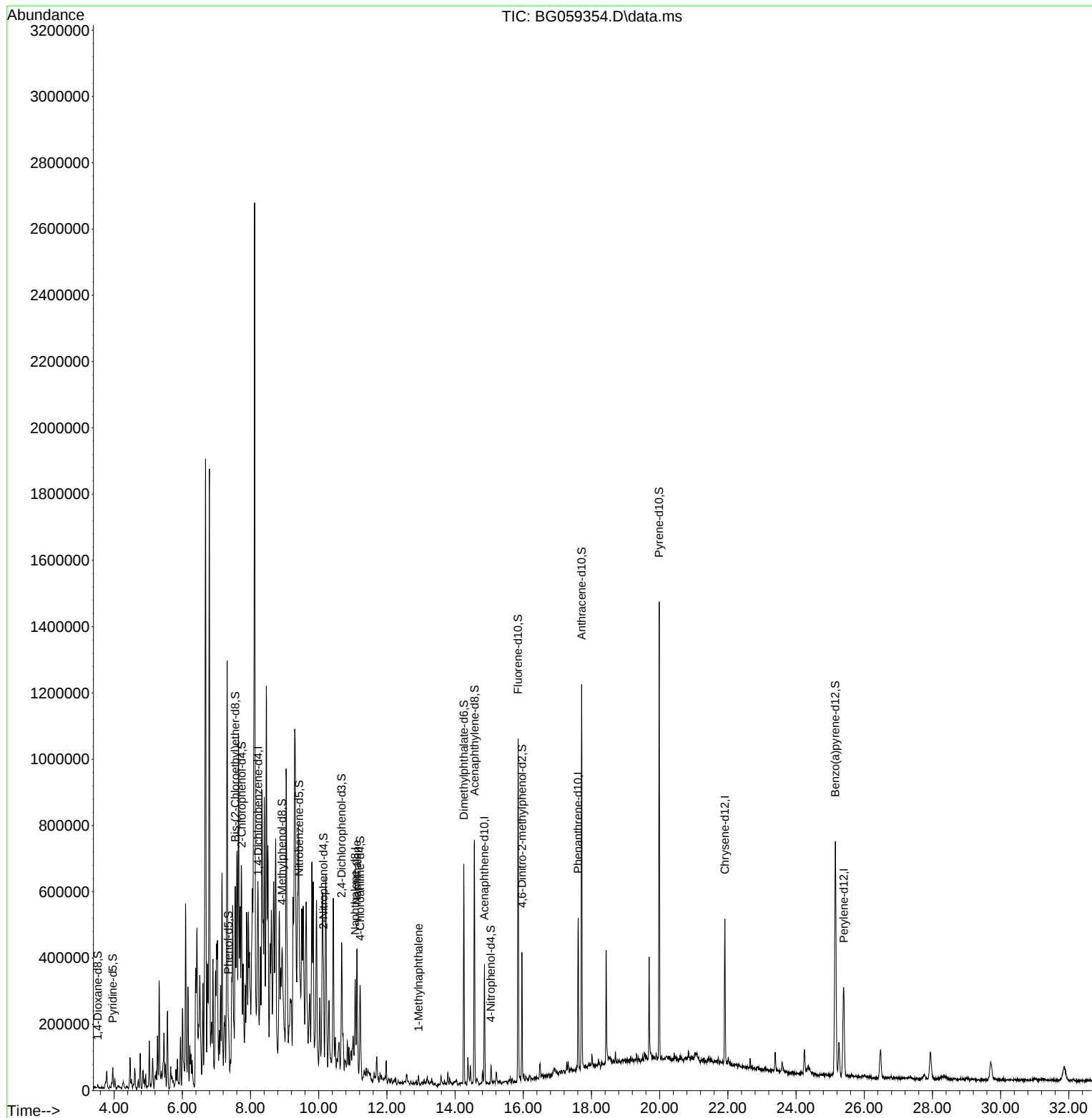
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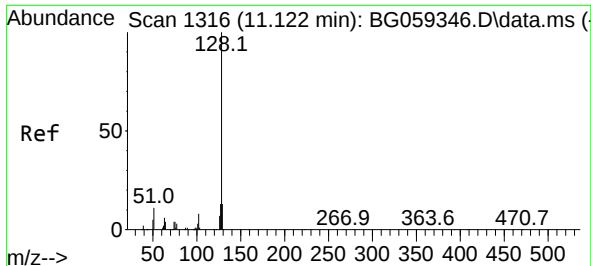
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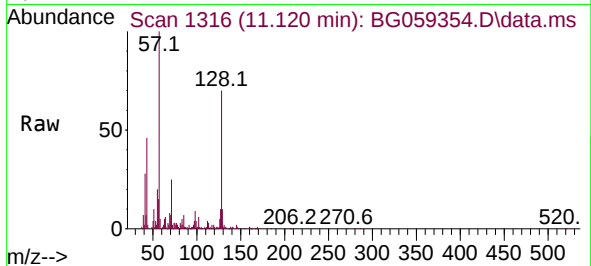
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#30  
Naphthalene  
Concen: 11.329 ng/ul  
RT: 11.120 min Scan# 11149  
Delta R.T. -0.002 min  
Lab File: BG059354.D  
Acq: 7 Oct 2023 22:57

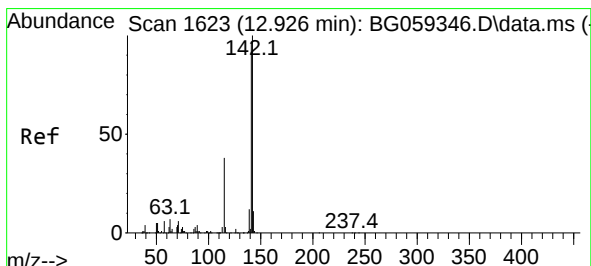
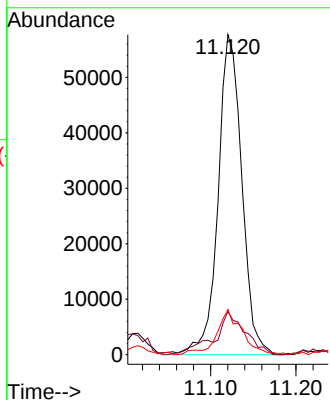
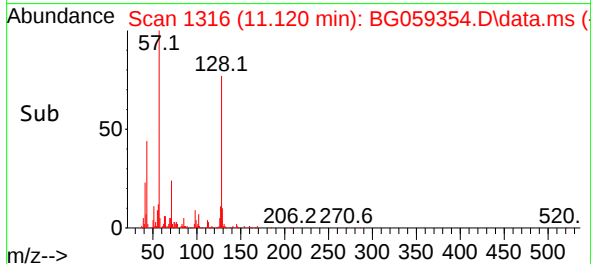
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Tgt Ion:128 Resp: 11149  
Ion Ratio Lower Upper  
128 100  
129 13.5 9.5 14.3  
127 14.1 10.4 15.6

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#37  
1-Methylnaphthalene  
Concen: 1.040 ng/ul  
RT: 12.930 min Scan# 1624  
Delta R.T. 0.004 min  
Lab File: BG059354.D  
Acq: 7 Oct 2023 22:57

Tgt Ion:142 Resp: 7086  
Ion Ratio Lower Upper  
142 100  
141 68.3 74.3 111.5#  
116 13.4 2.9 4.3#

