

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092023\  
 Data File : BG059150.D  
 Acq On : 21 Sep 2023 22:08  
 Operator : MA/JU  
 Sample : 04386-07  
 Misc :  
 ALS Vial : 51 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 C0AC0

Quant Time: Sep 22 02:10:07 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG091923.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Sep 20 04:25:24 2023  
 Response via : Initial Calibration

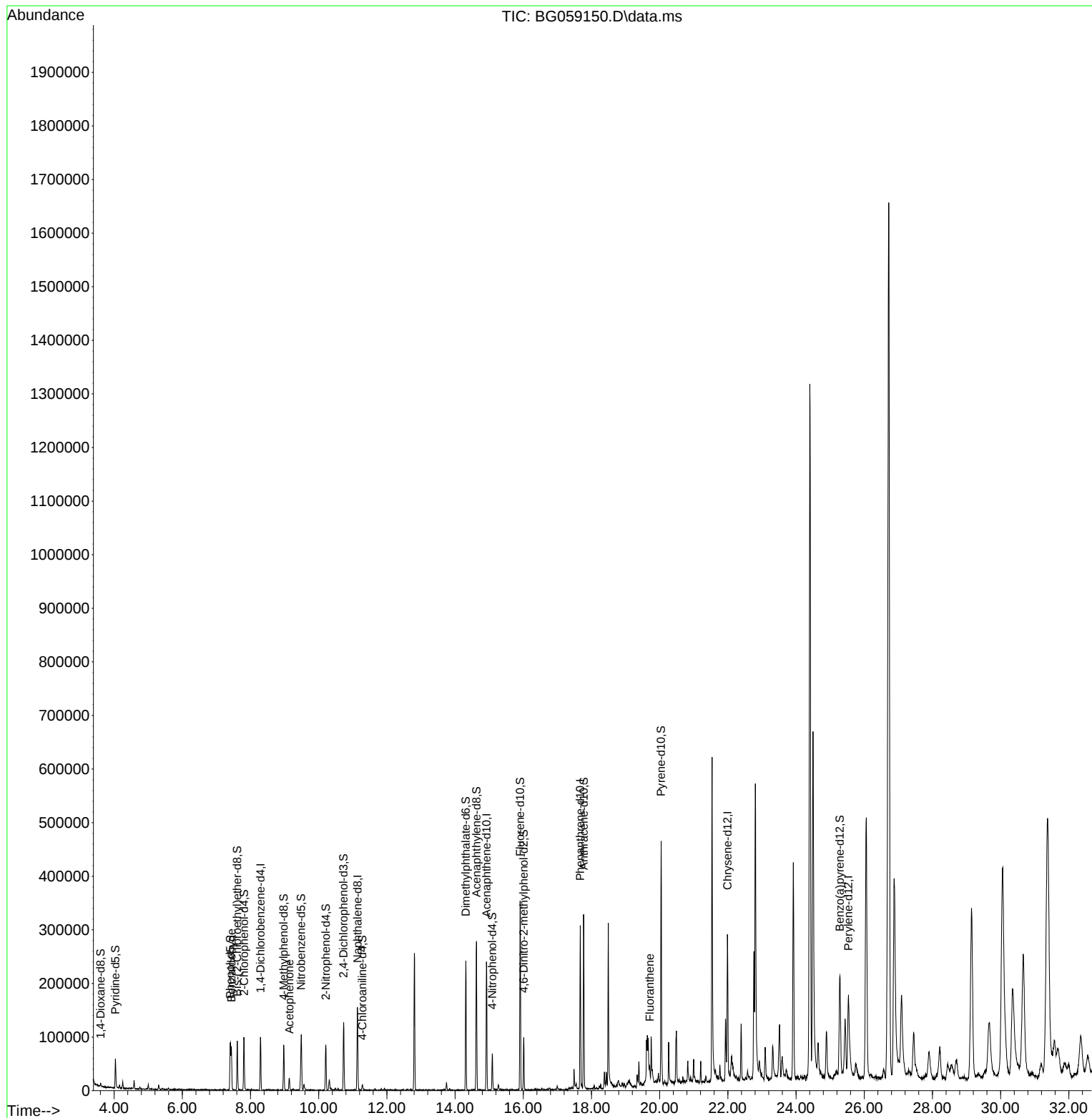
| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.294  | 152  | 26262    | 20.000 | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 11.137 | 136  | 131881   | 20.000 | ng/u1  | 0.00     |
| 38) Acenaphthene-d10          | 14.921 | 164  | 82026    | 20.000 | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.671 | 188  | 179615   | 20.000 | ng/u1  | 0.00     |
| 79) Chrysene-d12              | 21.989 | 240  | 155404   | 20.000 | ng/u1  | 0.00     |
| 88) Perylene-d12              | 25.538 | 264  | 170932   | 20.000 | ng/u1  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.605  | 96   | 2702     | 4.027  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 4.040  | 84   | 25560    | 12.986 | ng/u1  | 0.00     |
| 7) Phenol-d5                  | 7.407  | 99   | 54527    | 21.115 | ng/u1  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.612  | 67   | 41891    | 26.435 | ng/u1  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.812  | 132  | 44645    | 23.428 | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.975  | 113  | 31020    | 15.083 | ng/u1  | 0.00     |
| 21) Nitrobenzene-d5           | 9.486  | 128  | 26126    | 25.673 | ng/u1  | 0.00     |
| 24) 2-Nitrophenol-d4          | 10.209 | 143  | 27516    | 26.766 | ng/u1  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.732 | 165  | 46528    | 23.840 | ng/u1  | 0.00     |
| 31) 4-Chloroaniline-d4        | 11.278 | 131  | 6997     | 2.297  | ng/u1  | 0.00     |
| 46) Dimethylphthalate-d6      | 14.316 | 166  | 161450   | 25.593 | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 14.628 | 160  | 192662   | 25.082 | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 15.092 | 143  | 15965    | 13.871 | ng/u1  | 0.00     |
| 60) Fluorene-d10              | 15.908 | 176  | 155038   | 26.849 | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 16.014 | 200  | 19887    | 19.475 | ng/u1  | 0.00     |
| 73) Anthracene-d10            | 17.771 | 188  | 187280   | 22.916 | ng/u1  | 0.00     |
| 81) Pyrene-d10                | 20.045 | 212  | 242424   | 26.689 | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 25.286 | 264  | 211180   | 25.302 | ng/u1  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 6) Benzaldehyde               | 7.442  | 77   | 24891    | 18.590 | ng/u1  | 97       |
| 16) Acetophenone              | 9.140  | 105  | 12901    | 4.075  | ng/u1# | 83       |
| 80) Fluoranthene              | 19.710 | 202  | 12652    | 1.118  | ng/u1# | 95       |
| -----                         |        |      |          |        |        |          |

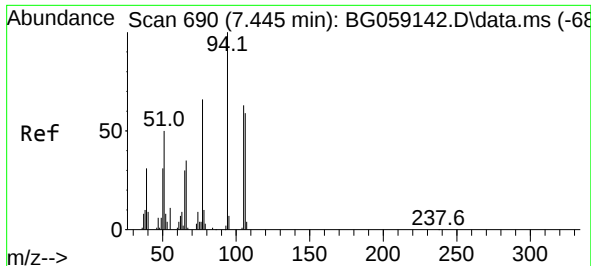
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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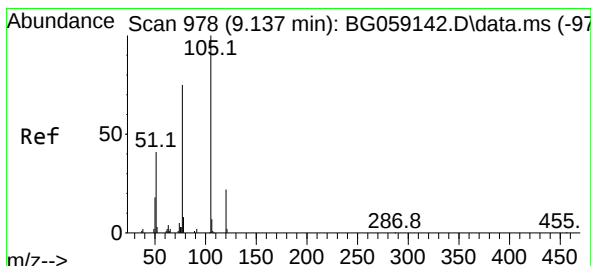
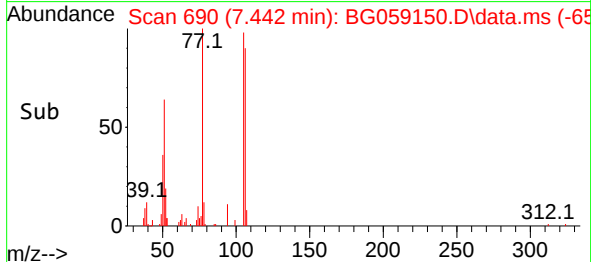
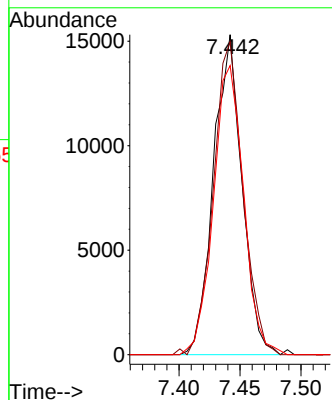
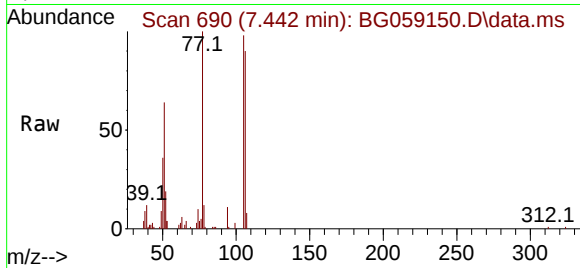




#6  
Benzaldehyde  
Concen: 18.590 ng/ul  
RT: 7.442 min Scan# 690  
Delta R.T. -0.000 min  
Lab File: BG059150.D  
Acq: 21 Sep 2023 22:08

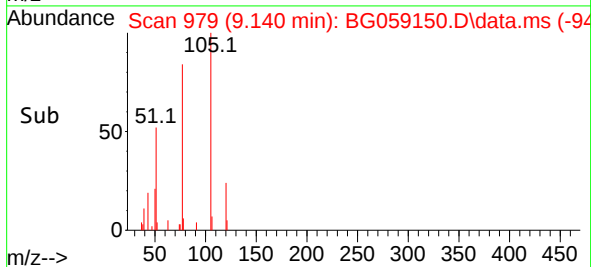
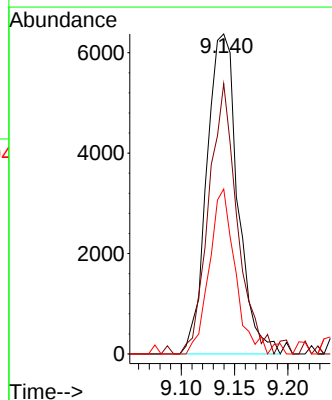
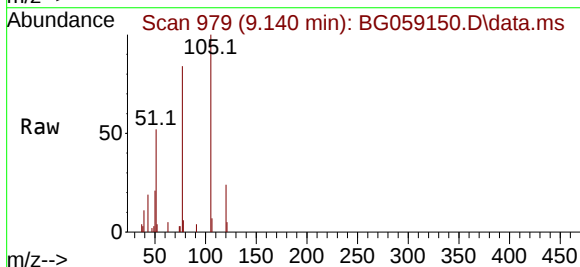
Instrument :  
BNA\_G  
ClientSampleId :  
C0AC0

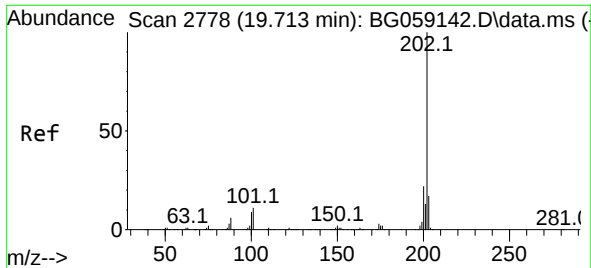
Tgt Ion: 77 Resp: 24891  
Ion Ratio Lower Upper  
77 100  
105 97.8 76.9 115.3  
106 90.3 69.4 104.0



#16  
Acetophenone  
Concen: 4.075 ng/ul  
RT: 9.140 min Scan# 979  
Delta R.T. -0.000 min  
Lab File: BG059150.D  
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Tgt Ion: 105 Resp: 12901  
Ion Ratio Lower Upper  
105 100  
77 84.5 57.2 85.8  
51 51.5 31.6 47.4#





#80  
 Fluoranthene  
 Concen: 1.118 ng/ul  
 RT: 19.710 min Scan# 21  
 Delta R.T. -0.000 min  
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| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 9.6   | 9.2   | 13.8  |
| 100     | 7.5   | 7.7   | 11.5  |

