

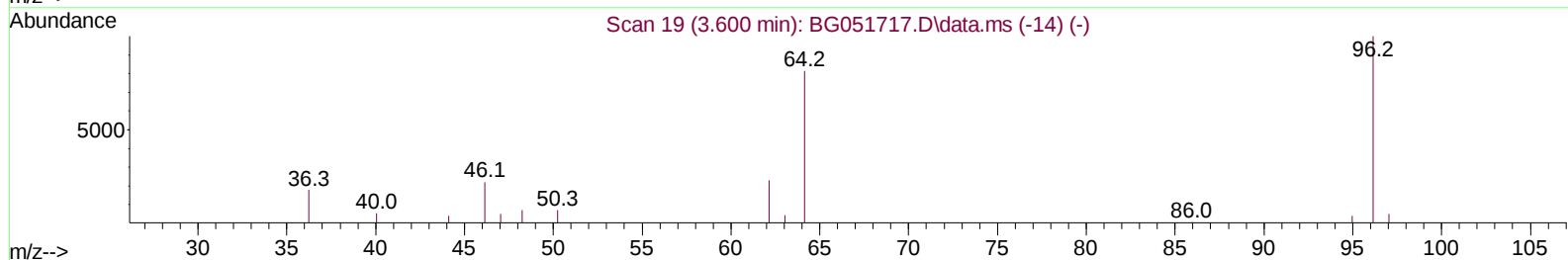
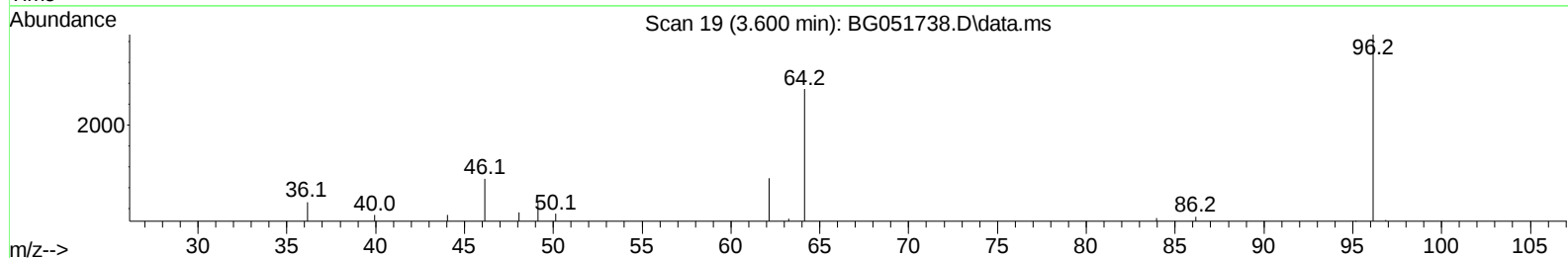
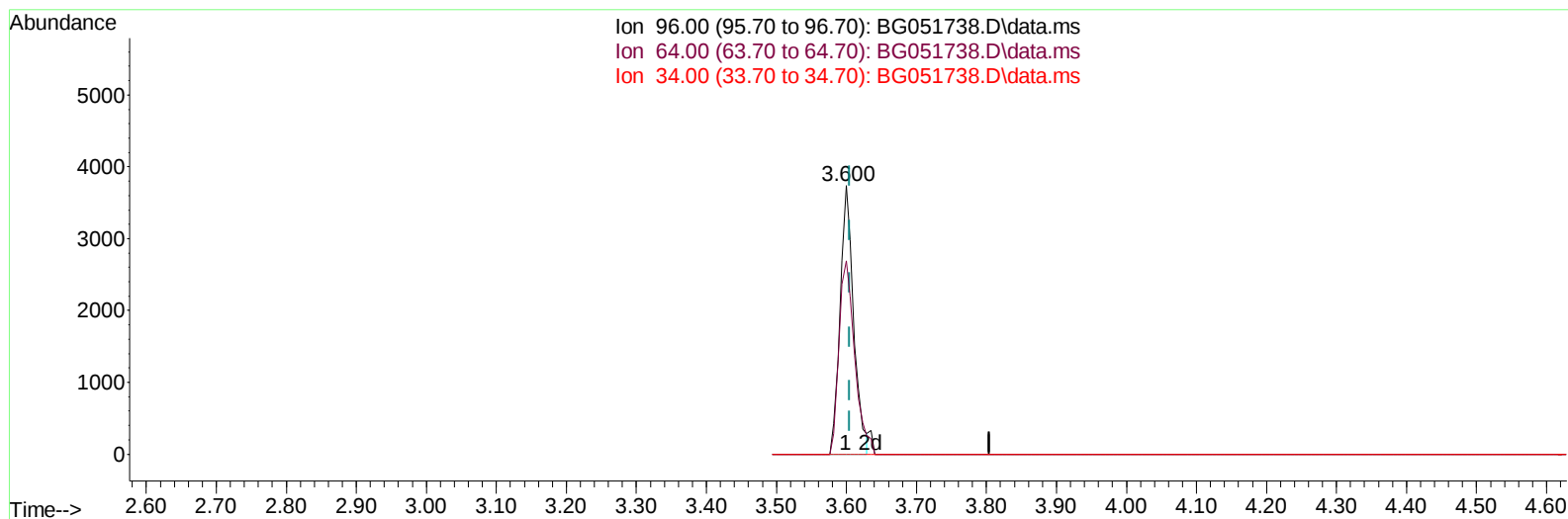
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG122021\  
 Data File : BG051738.D  
 Acq On : 22 Dec 2021 6:24  
 Operator : CG/JU  
 Sample : M5090-12  
 Misc :  
 ALS Vial : 66 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 BG3E2

Manual IntegrationsAPPROVED

Quant Time: Dec 22 07:24:38 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG121421.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Dec 14 14:19:57 2021  
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 12/22/2021  
 Supervised By :mohammad ahmed 12/28/2021



TIC: BG051738.D\data.ms

**(3) 1,4-Dioxane-d8 (S)**

**3.600min (-0.005) 5.44 ng/uL**

**response 5016**

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 96.00 | 100.00 | 100.00 |
| 64.00 | 77.60  | 72.03  |
| 34.00 | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

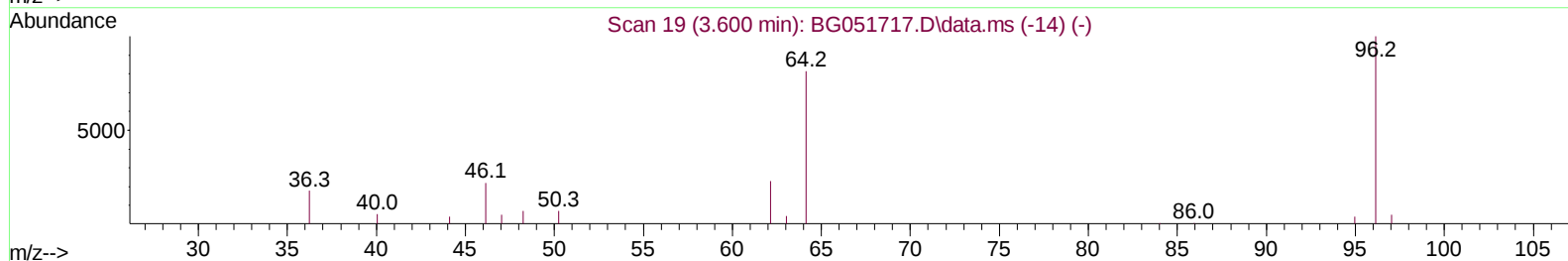
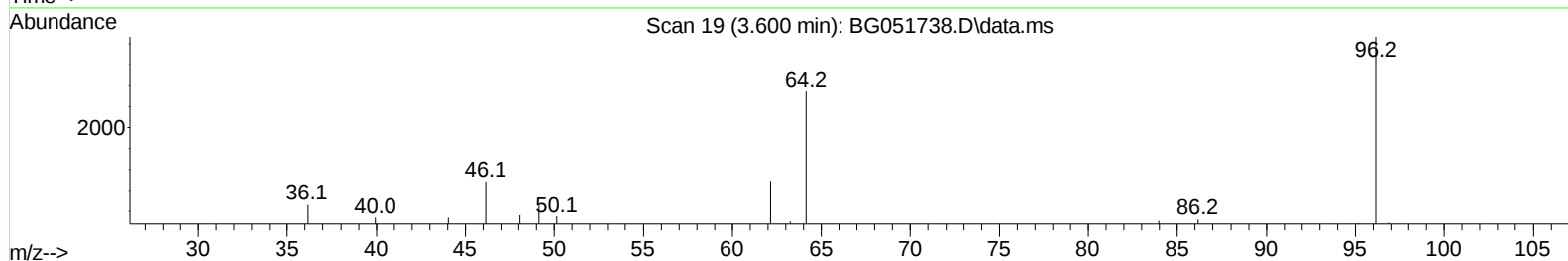
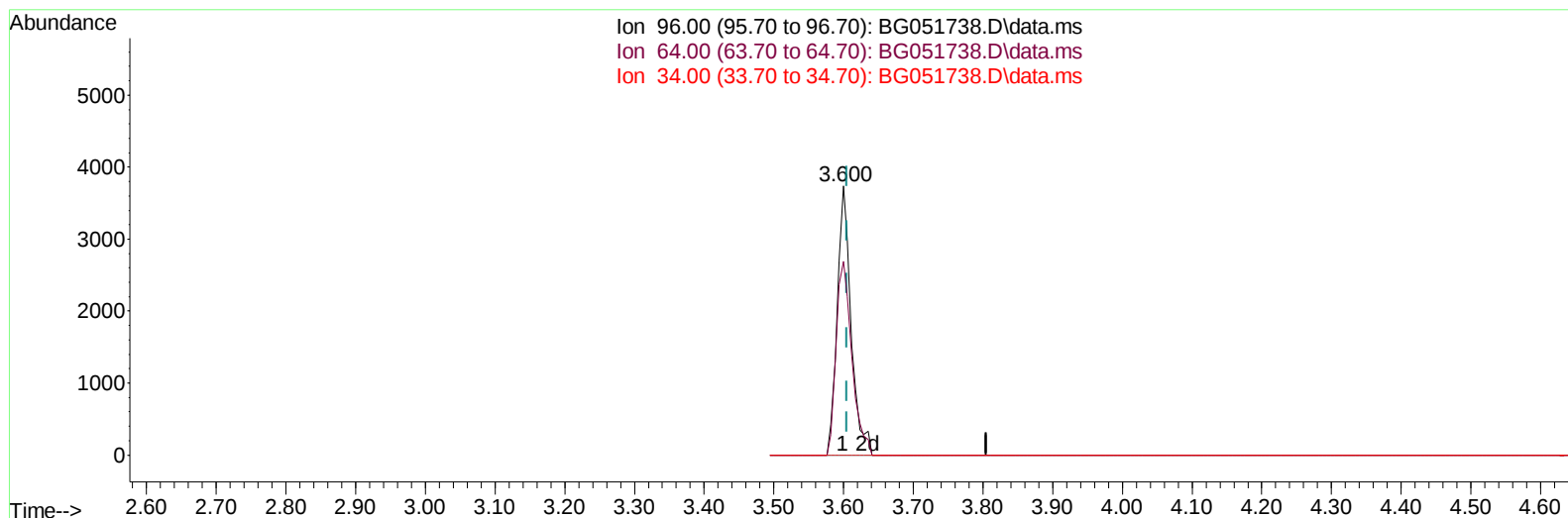
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**(3) 1,4-Dioxane-d8 (S)**

**3.600min (-0.005) 5.57 ng/uL m**

**response 5131**

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 96.00 | 100.00 | 100.00 |
| 64.00 | 77.60  | 72.03  |
| 34.00 | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

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Manual IntegrationsAPPROVED

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| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.276  | 152  | 38281    | 20.000 | ng/ul | -0.01    |
| 20) Naphthalene-d8            | 11.113 | 136  | 168859   | 20.000 | ng/ul | -0.01    |
| 38) Acenaphthene-d10          | 14.908 | 164  | 122453   | 20.000 | ng/ul | -0.01    |
| 64) Phenanthrene-d10          | 17.657 | 188  | 283281   | 20.000 | ng/ul | # 0.00   |
| 79) Chrysene-d12              | 21.975 | 240  | 273020   | 20.000 | ng/ul | #-0.01   |
| 88) Perylene-d12              | 25.476 | 264  | 263712   | 20.000 | ng/ul | -0.02    |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 3) 1,4-Dioxane-d8             | 3.600  | 96   | 5131m    | 5.566  | ng/uL | 0.00     |
| 4) Pyridine-d5                | 4.028  | 84   | 21478    | 7.712  | ng/ul | -0.02    |
| 7) Phenol-d5                  | 7.406  | 99   | 28053    | 8.207  | ng/ul | -0.01    |
| 9) Bis-(2-Chloroethyl)eth...  | 7.577  | 67   | 76982    | 37.886 | ng/ul | -0.02    |
| 11) 2-Chlorophenol-d4         | 7.800  | 132  | 70045    | 29.465 | ng/ul | -0.01    |
| 15) 4-Methylphenol-d8         | 8.969  | 113  | 49772    | 18.839 | ng/ul | -0.01    |
| 21) Nitrobenzene-d5           | 9.445  | 128  | 46478    | 37.543 | ng/ul | -0.01    |
| 24) 2-Nitrophenol-d4          | 10.173 | 143  | 48723    | 36.002 | ng/ul | -0.01    |
| 28) 2,4-Dichlorophenol-d3     | 10.719 | 165  | 91979    | 31.340 | ng/ul | -0.01    |
| 31) 4-Chloroaniline-d4        | 11.230 | 131  | 112102   | 29.011 | ng/ul | -0.01    |
| 46) Dimethylphthalate-d6      | 14.297 | 166  | 347044   | 35.409 | ng/ul | -0.02    |
| 49) Acenaphthylene-d8         | 14.602 | 160  | 418734   | 34.400 | ng/ul | -0.01    |
| 54) 4-Nitrophenol-d4          | 15.066 | 143  | 8696     | 5.456  | ng/ul | -0.01    |
| 60) Fluorene-d10              | 15.901 | 176  | 308485   | 35.131 | ng/ul | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.995 | 200  | 30143    | 20.423 | ng/ul | -0.02    |
| 73) Anthracene-d10            | 17.757 | 188  | 517602   | 38.303 | ng/ul | 0.00     |
| 81) Pyrene-d10                | 20.030 | 212  | 608709   | 37.045 | ng/ul | -0.01    |
| 92) Benzo(a)pyrene-d12        | 25.241 | 264  | 559588   | 40.329 | ng/ul | -0.01    |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 16) Acetophenone              | 9.098  | 105  | 6792     | 1.637  | ng/ul | 96       |
| 35) 4-Chloro-3-methylphenol   | 12.358 | 107  | 16154    | 5.163  | ng/ul | 95       |
| -----                         |        |      |          |        |       |          |

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

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