

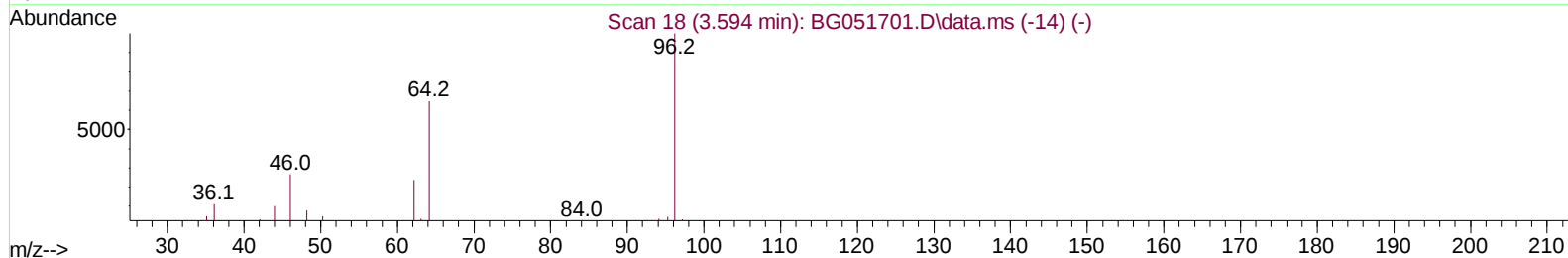
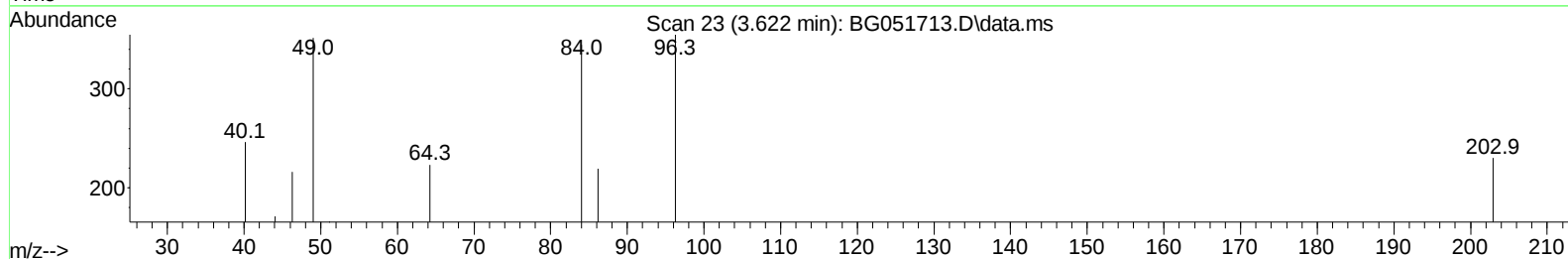
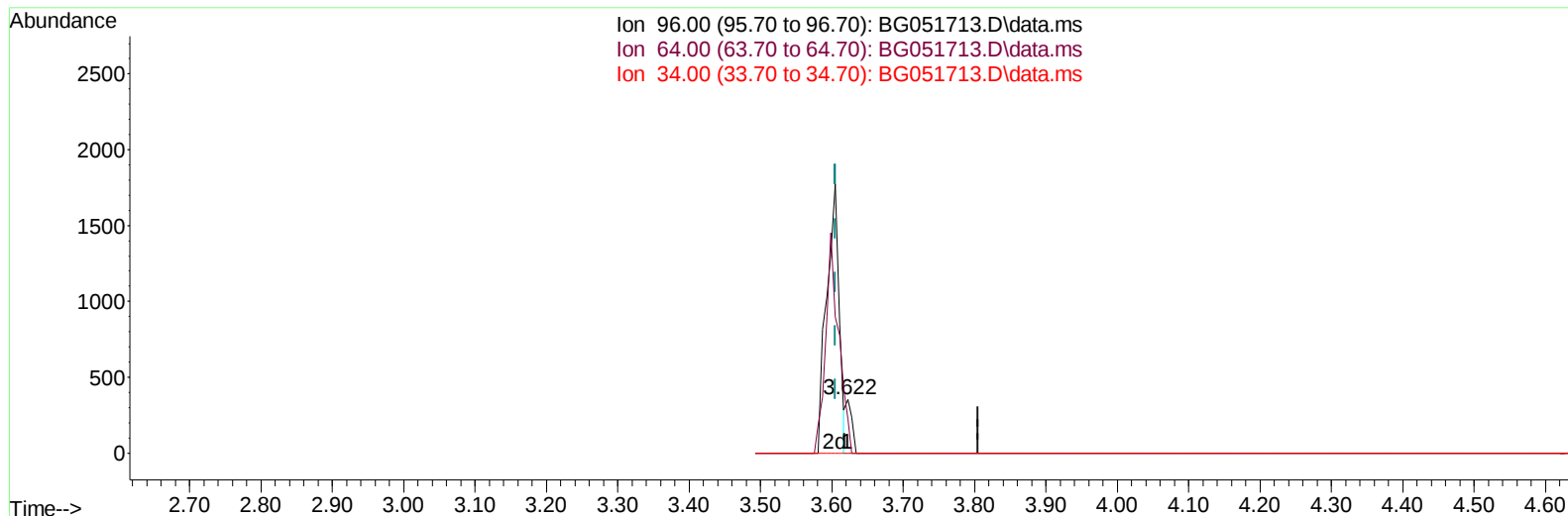
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG122021\  
 Data File : BG051713.D  
 Acq On : 21 Dec 2021 12:51  
 Operator : CG/JU  
 Sample : M5153-10DL 2X  
 Misc :  
 ALS Vial : 40 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 BGL75DL

Manual IntegrationsAPPROVED

Quant Time: Dec 21 23:10:00 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: BG051713.D\data.ms

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

**3.622min (+ 0.017) 0.20 ng/uL**

**response 209**

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 96.00 | 100.00 | 100.00 |
| 64.00 | 77.60  | 62.82  |
| 34.00 | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

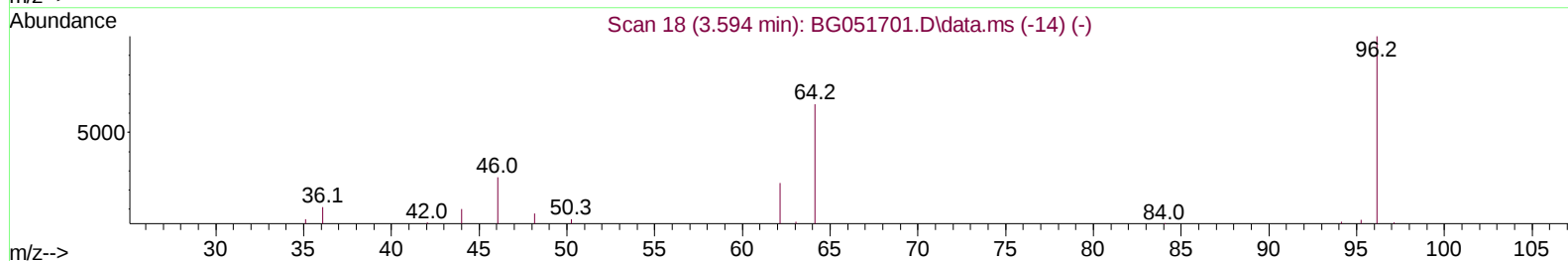
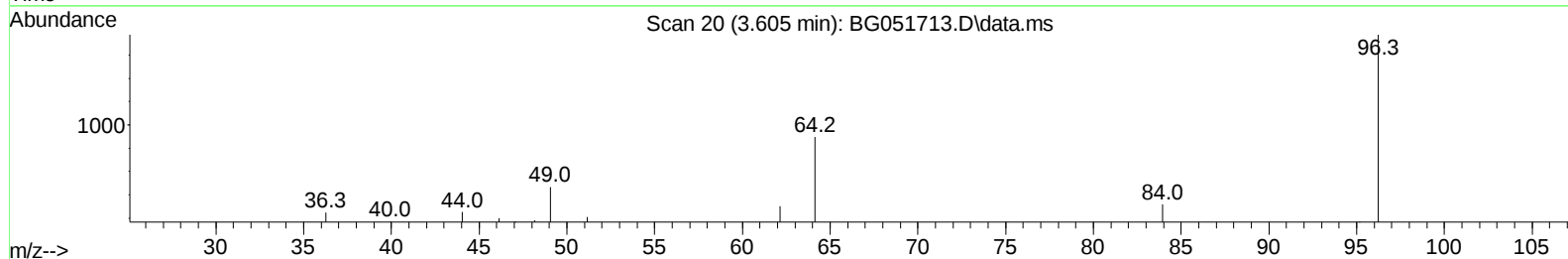
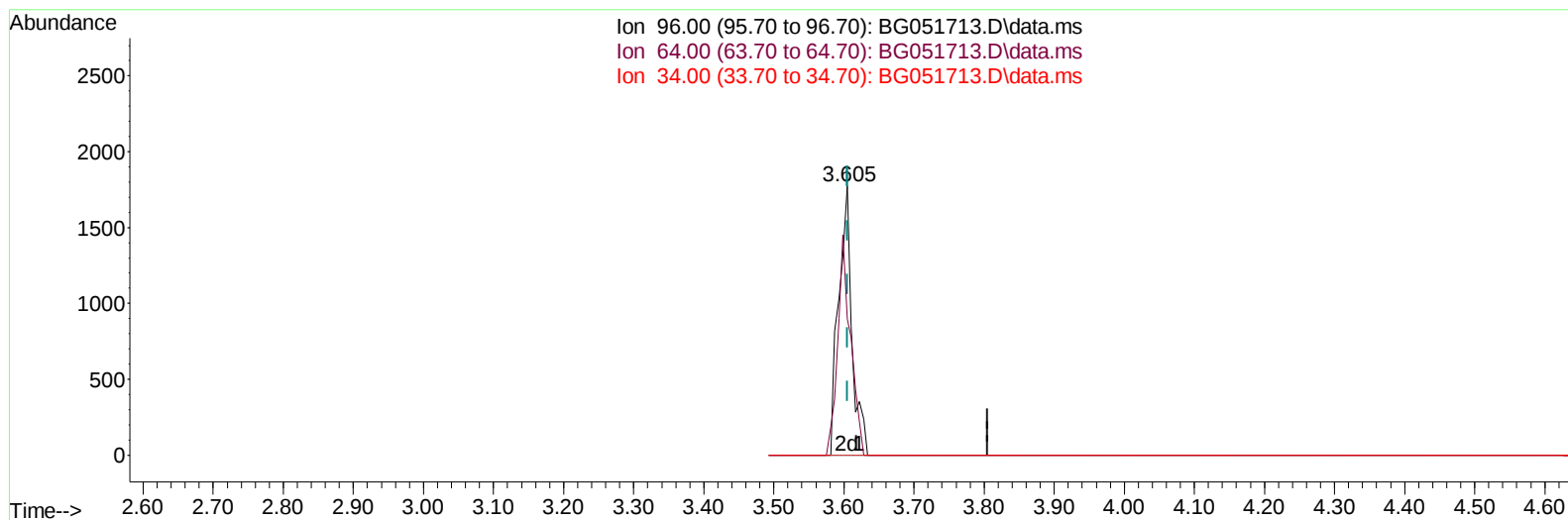
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**(3) 1,4-Dioxane-d8 (S)**

3.605min (-0.000) 2.22 ng/uL m

response 2347

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 96.00 | 100.00 | 100.00 |
| 64.00 | 77.60  | 50.54# |
| 34.00 | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

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Instrument :  
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| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.269  | 152  | 43930    | 20.000 | ng/ul  | -0.02    |
| 20) Naphthalene-d8            | 11.112 | 136  | 185908   | 20.000 | ng/ul  | -0.01    |
| 38) Acenaphthene-d10          | 14.907 | 164  | 128844   | 20.000 | ng/ul  | -0.01    |
| 64) Phenanthrene-d10          | 17.656 | 188  | 272344   | 20.000 | ng/ul  | # 0.00   |
| 79) Chrysene-d12              | 21.974 | 240  | 261471   | 20.000 | ng/ul  | #-0.01   |
| 88) Perylene-d12              | 25.469 | 264  | 277536   | 20.000 | ng/ul  | -0.02    |
|                               |        |      |          |        |        |          |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.605  | 96   | 2347m    | 2.219  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 4.027  | 84   | 19827    | 6.204  | ng/ul  | -0.02    |
| 7) Phenol-d5                  | 7.399  | 99   | 51603    | 13.156 | ng/ul  | -0.02    |
| 9) Bis-(2-Chloroethyl)eth...  | 7.576  | 67   | 29986    | 12.860 | ng/ul  | -0.02    |
| 11) 2-Chlorophenol-d4         | 7.799  | 132  | 36065    | 13.220 | ng/ul  | -0.01    |
| 15) 4-Methylphenol-d8         | 8.968  | 113  | 38882    | 12.824 | ng/ul  | -0.01    |
| 21) Nitrobenzene-d5           | 9.438  | 128  | 19536    | 14.333 | ng/ul  | -0.02    |
| 24) 2-Nitrophenol-d4          | 10.172 | 143  | 20688    | 13.885 | ng/ul  | -0.01    |
| 28) 2,4-Dichlorophenol-d3     | 10.718 | 165  | 40570    | 12.556 | ng/ul  | -0.01    |
| 31) 4-Chloroaniline-d4        | 11.230 | 131  | 33975    | 7.986  | ng/ul  | -0.01    |
| 46) Dimethylphthalate-d6      | 14.296 | 166  | 127001   | 12.315 | ng/ul  | -0.02    |
| 49) Acenaphthylene-d8         | 14.601 | 160  | 160135   | 12.503 | ng/ul  | -0.01    |
| 54) 4-Nitrophenol-d4          | 15.071 | 143  | 15822    | 9.435  | ng/ul  | 0.00     |
| 60) Fluorene-d10              | 15.894 | 176  | 111801   | 12.100 | ng/ul  | -0.01    |
| 65) 4,6-Dinitro-2-methylph... | 15.994 | 200  | 10673    | 7.522  | ng/ul  | -0.02    |
| 73) Anthracene-d10            | 17.750 | 188  | 170485   | 13.123 | ng/ul  | -0.01    |
| 81) Pyrene-d10                | 20.029 | 212  | 194537   | 12.362 | ng/ul  | -0.01    |
| 92) Benzo(a)pyrene-d12        | 25.228 | 264  | 188343   | 12.898 | ng/ul  | -0.02    |
|                               |        |      |          |        |        |          |
| Target Compounds              |        |      |          |        |        | Qvalue   |
| 86) Bis(2-ethylhexyl)phtha... | 21.845 | 149  | 337274   | 40.165 | ng/ul# | 98       |
| 89) Di-n-octyl phthalate      | 23.155 | 149  | 33718    | 2.256  | ng/ul  | 100      |
| -----                         |        |      |          |        |        |          |

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

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