

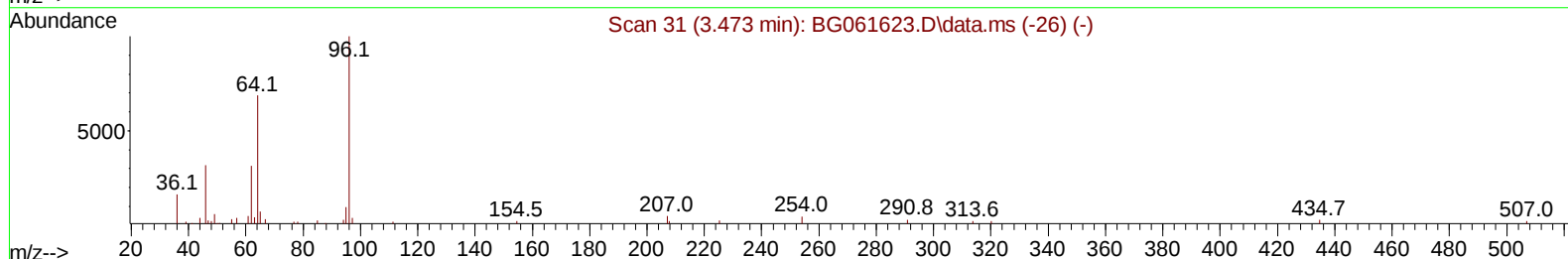
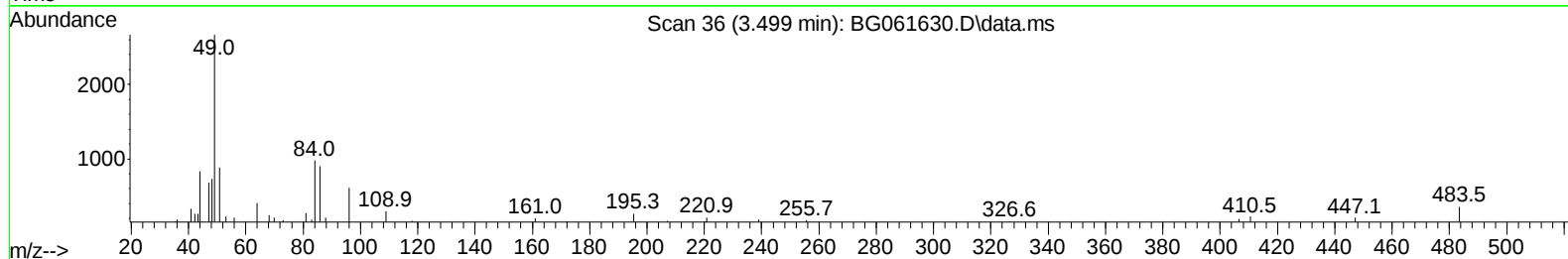
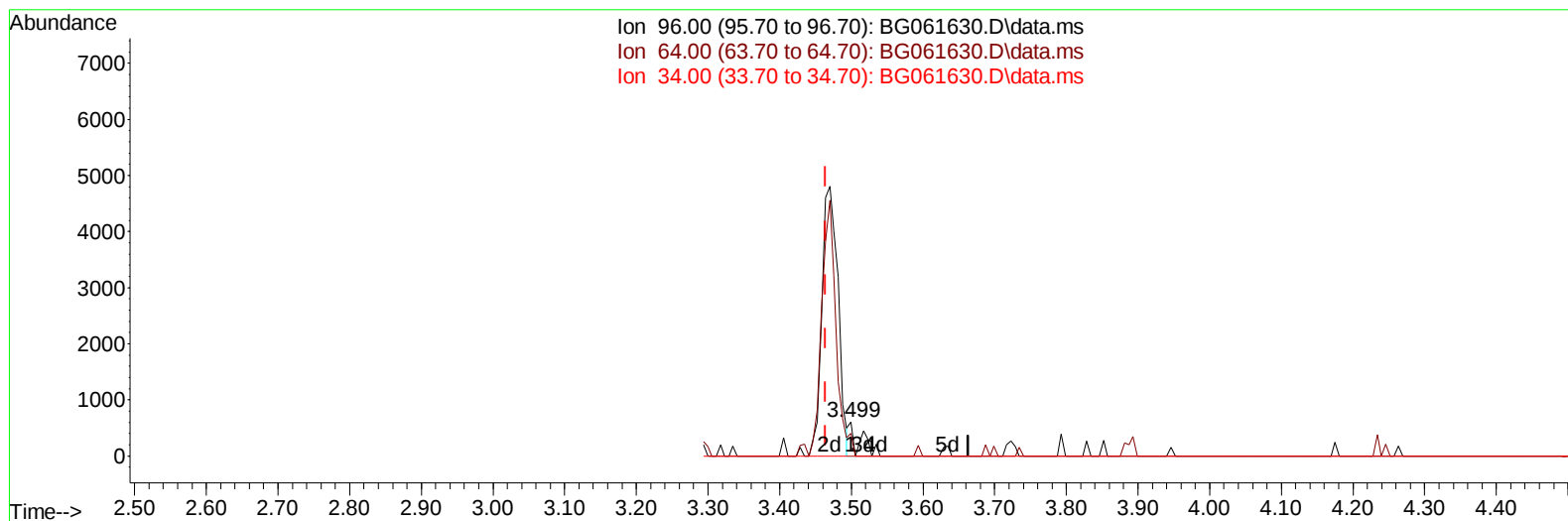
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG062124\  
Data File : BG061630.D  
Acq On : 21 Jun 2024 21:39  
Operator : MA/JU  
Sample : P2754-12  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
A4BQ5

Manual IntegrationsAPPROVED

Quant Time: Jun 21 22:22:01 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG062024.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Fri Jun 21 05:03:55 2024  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/24/2024  
Supervised By :mohammad ahmed 06/24/2024



TIC: BG061630.D\data.ms

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

**3.499min (+ 0.035) 0.17 ng/uL**

**response 216**

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 96.00 | 100.00 | 100.00 |
| 64.00 | 65.50  | 65.85  |
| 34.00 | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

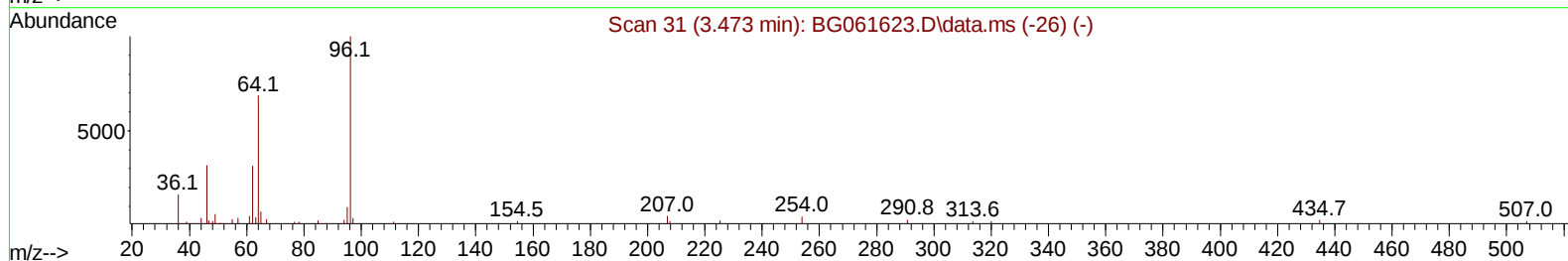
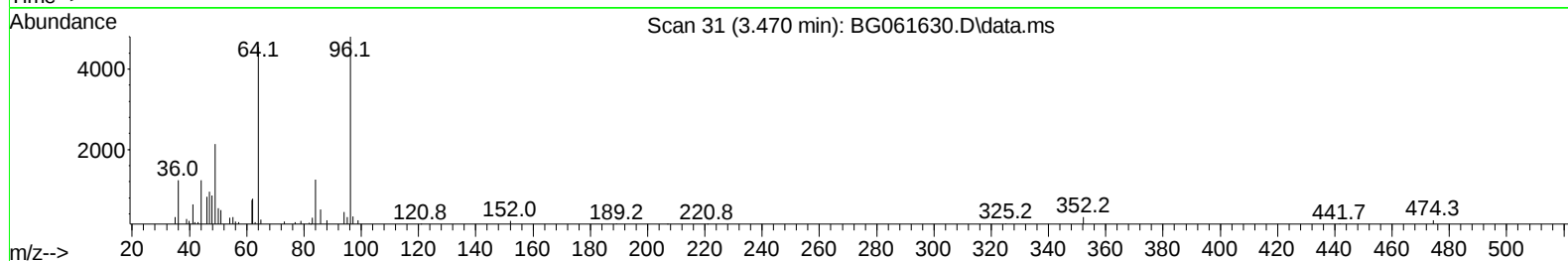
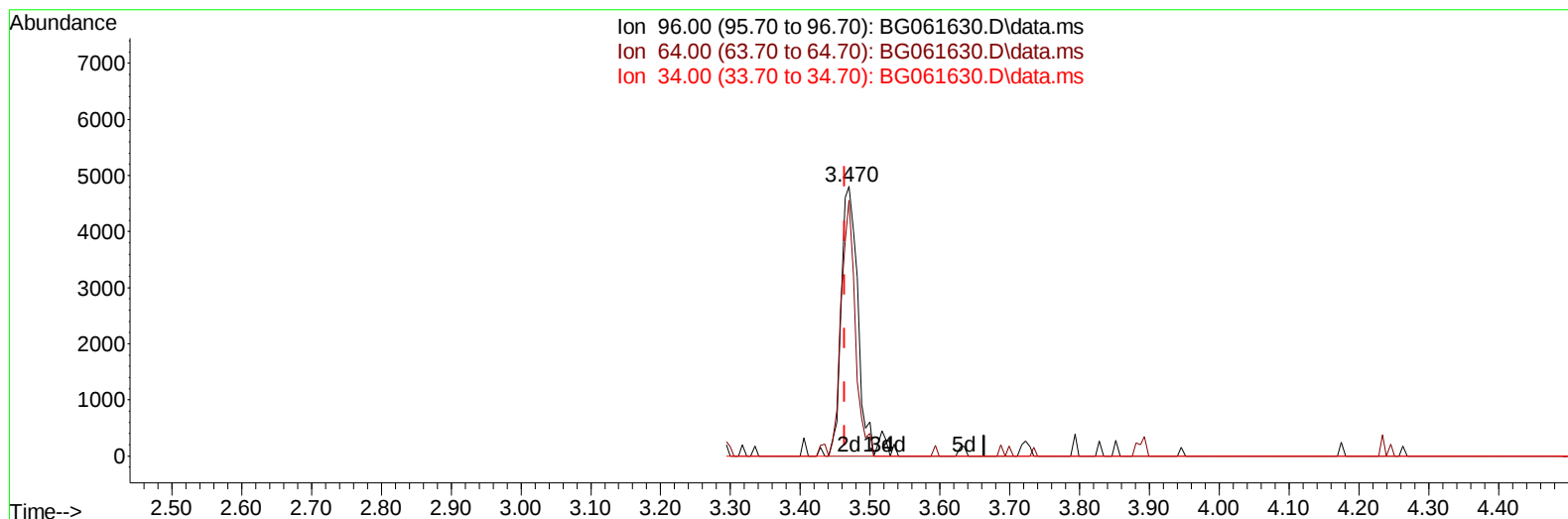
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(3) 1,4-Dioxane-d8 (S)

3.470min (+ 0.006) 6.11 ng/uL m

response 7769

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 96.00 | 100.00 | 100.00 |
| 64.00 | 65.50  | 94.81# |
| 34.00 | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/24/2024  
 Supervised By :mohammad ahmed 06/24/2024

Quant Time: Jun 21 22:23:17 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG062024.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Jun 21 05:03:55 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.076  | 152  | 45949    | 20.000 | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 10.891 | 136  | 220590   | 20.000 | ng/ul  | 0.00     |
| 38) Acenaphthene-d10          | 14.698 | 164  | 158796   | 20.000 | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.442 | 188  | 396562   | 20.000 | ng/ul  | 0.00     |
| 79) Chrysene-d12              | 21.707 | 240  | 345092   | 20.000 | ng/ul  | 0.00     |
| 88) Perylene-d12              | 24.933 | 264  | 405735   | 20.000 | ng/ul  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.470  | 96   | 7769m    | 6.108  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.887  | 84   | 101165   | 26.306 | ng/ul  | 0.00     |
| 7) Phenol-d5                  | 7.213  | 99   | 142212   | 28.510 | ng/ul  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.401  | 67   | 85626    | 27.537 | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.600  | 132  | 100965   | 29.496 | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.764  | 113  | 111074   | 28.804 | ng/ul  | 0.00     |
| 21) Nitrobenzene-d5           | 9.234  | 128  | 49382    | 32.970 | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.962  | 143  | 53013    | 34.946 | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.497 | 165  | 111698   | 31.096 | ng/ul  | 0.00     |
| 31) 4-Chloroaniline-d4        | 11.014 | 131  | 154930   | 28.489 | ng/ul  | 0.00     |
| 46) Dimethylphthalate-d6      | 14.105 | 166  | 362478   | 29.663 | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 14.398 | 160  | 436987   | 32.630 | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.868 | 143  | 63431    | 30.224 | ng/ul  | 0.00     |
| 60) Fluorene-d10              | 15.691 | 176  | 347216   | 32.456 | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.791 | 200  | 35306    | 20.821 | ng/ul  | 0.00     |
| 73) Anthracene-d10            | 17.542 | 188  | 564248   | 31.171 | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.821 | 212  | 622221   | 32.279 | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 24.710 | 264  | 640006   | 33.027 | ng/ul  | -0.01    |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 80) Fluoranthene              | 19.487 | 202  | 30446    | 1.361  | ng/ul# | 96       |
| 82) Pyrene                    | 19.851 | 202  | 31220    | 1.313  | ng/ul# | 93       |
| -----                         |        |      |          |        |        |          |

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

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