

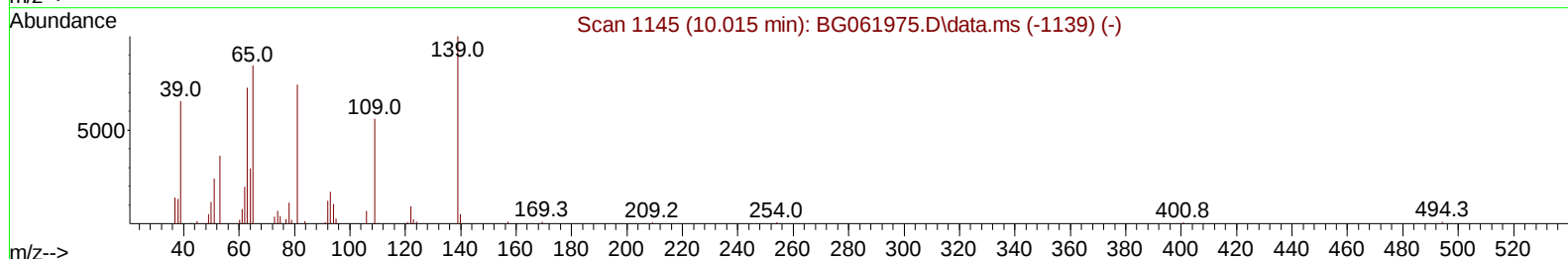
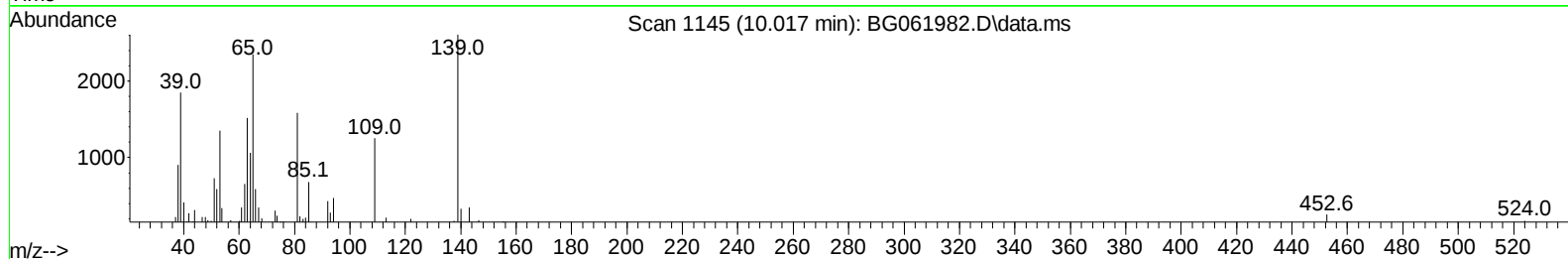
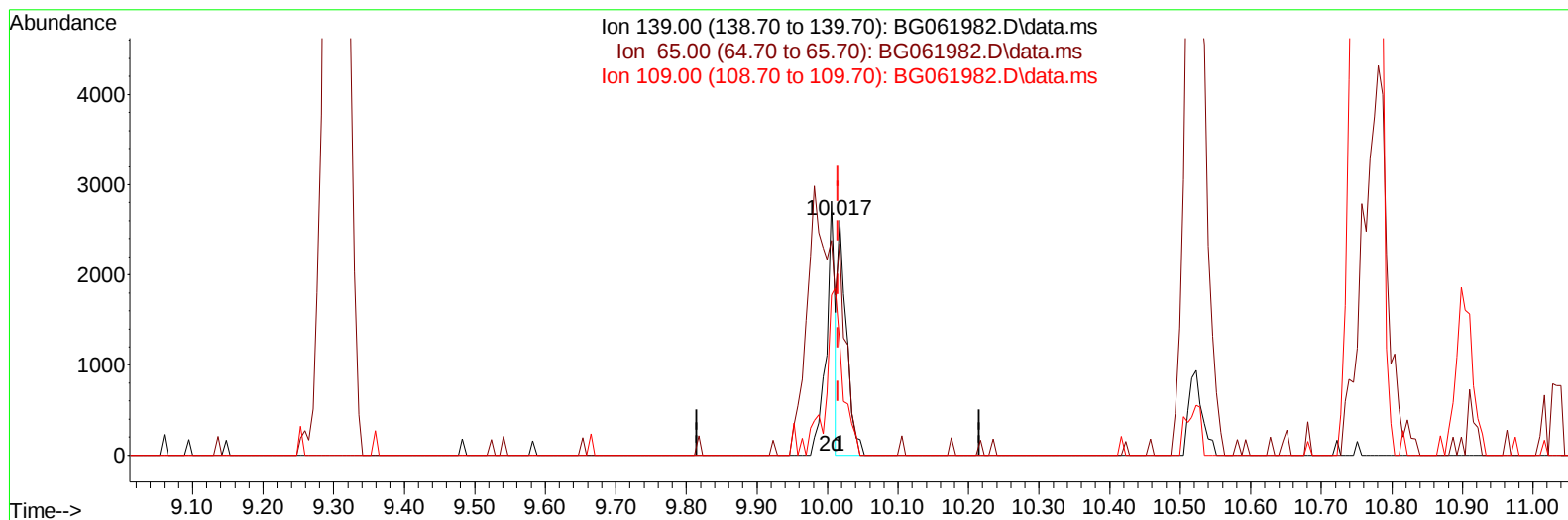
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG070824\  
 Data File : BG061982.D  
 Acq On : 9 Jul 2024 20:45  
 Operator : MA/JU  
 Sample : P3108-01  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 C0ST5

Manual IntegrationsAPPROVED

Quant Time: Jul 09 23:57:26 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG070224.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Jul 03 02:38:46 2024  
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/10/2024  
 Supervised By :mohammad ahmed 07/10/2024



TIC: BG061982.D\data.ms

**(25) 2-Nitrophenol (C)**

**10.017min (+ 0.002) 1.19 ng/ul**

**response 2271**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 139.00 | 100.00 | 100.00 |
| 65.00  | 77.00  | 90.14  |
| 109.00 | 44.30  | 47.93  |
| 0.00   | 0.00   | 0.00   |

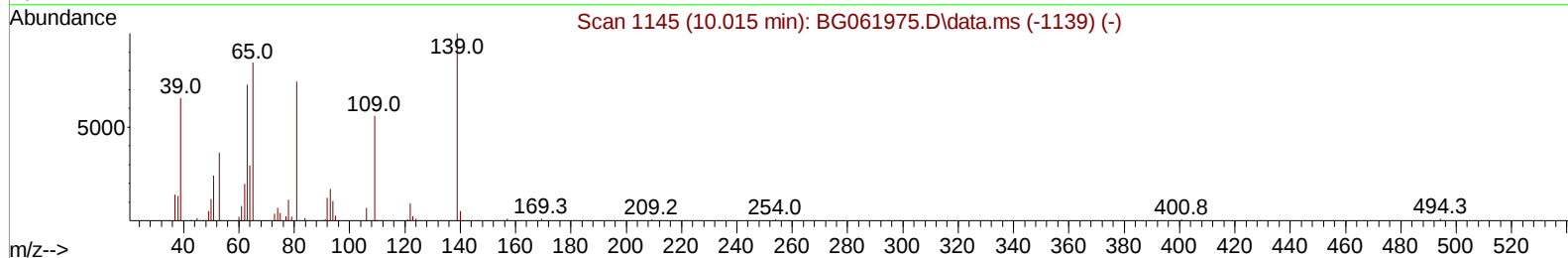
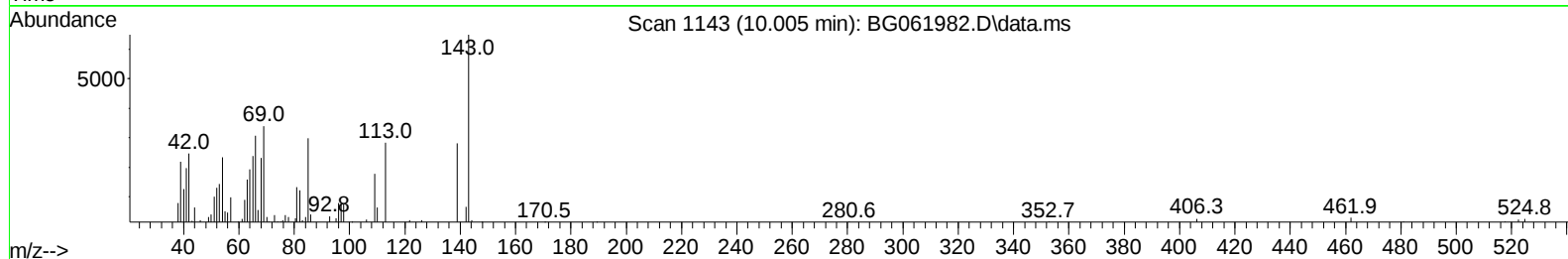
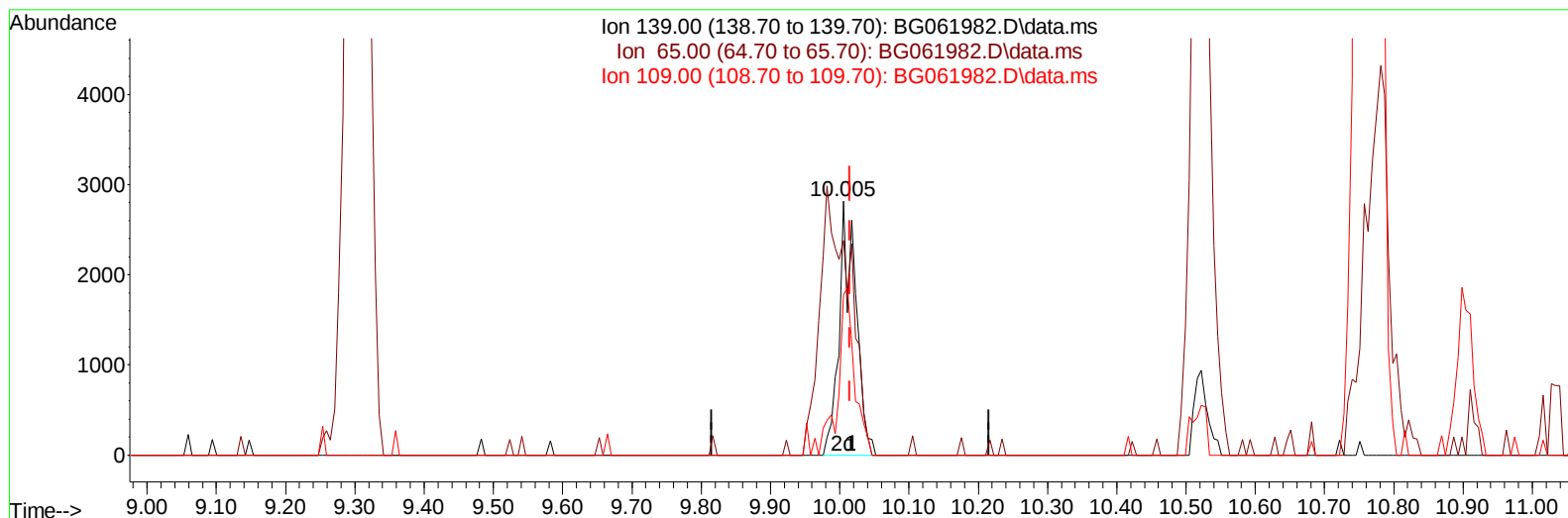
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BNA\_G  
ClientSampleId :  
C0ST5

Manual IntegrationsAPPROVED

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TIC: BG061982.D\data.ms

(25) 2-Nitrophenol (C)

10.005min (-0.010) 2.46 ng/ul m

response 4714

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 139.00 | 100.00 | 100.00 |
| 65.00  | 77.00  | 84.53  |
| 109.00 | 44.30  | 63.14# |
| 0.00   | 0.00   | 0.00   |

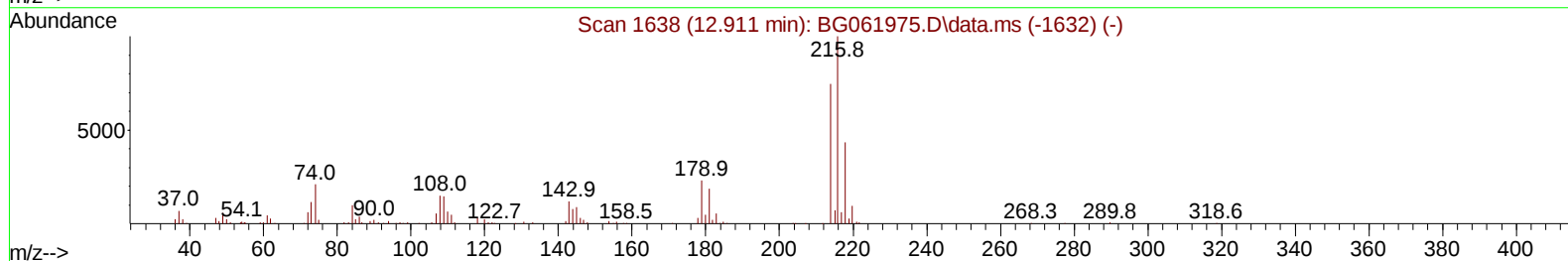
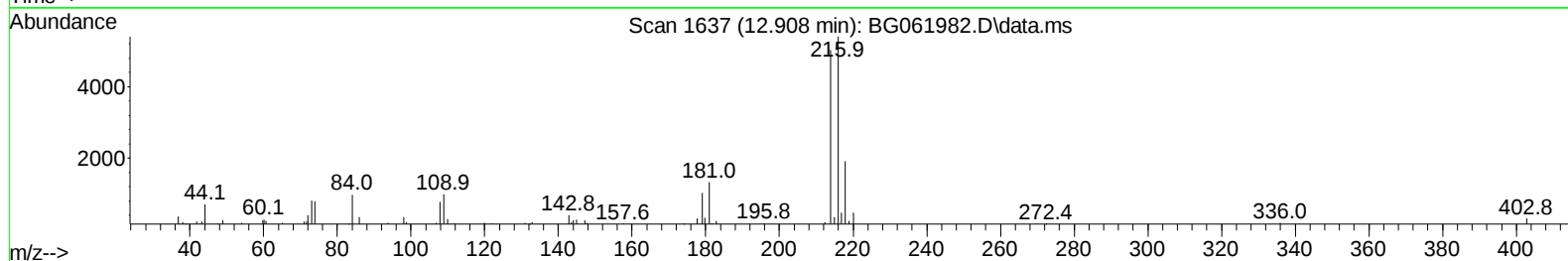
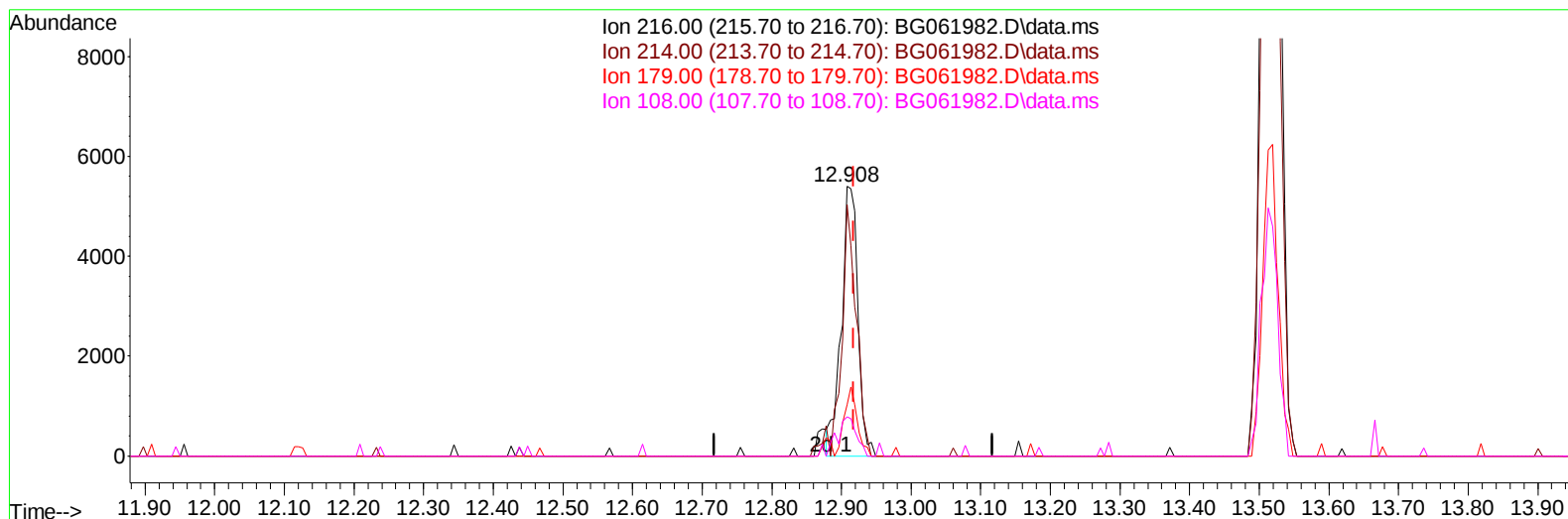
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Sample : P3108-01  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
C0ST5

Manual IntegrationsAPPROVED

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TIC: BG061982.D\data.ms

**(39) 1,2,4,5-Tetrachlorobenzene**

**12.908min (-0.010) 1.88 ng/u1**

**response 8955**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 216.00 | 100.00 | 100.00 |
| 214.00 | 78.10  | 93.25  |
| 179.00 | 23.20  | 19.05  |
| 108.00 | 17.10  | 14.40  |

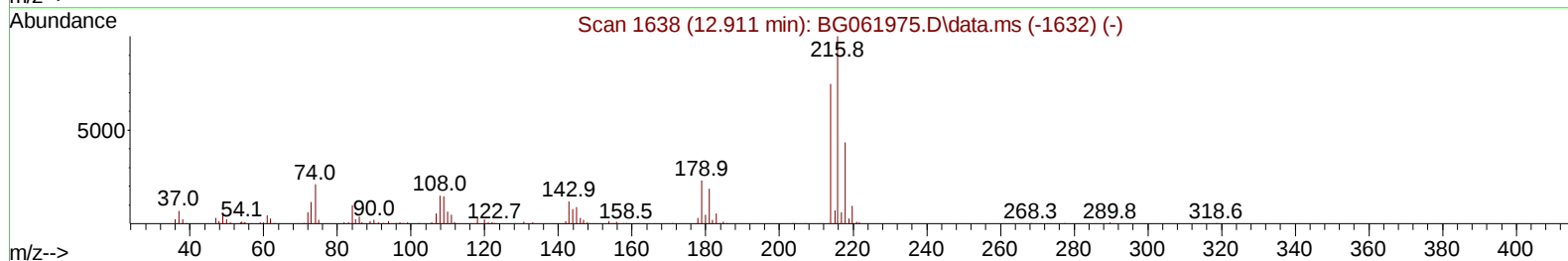
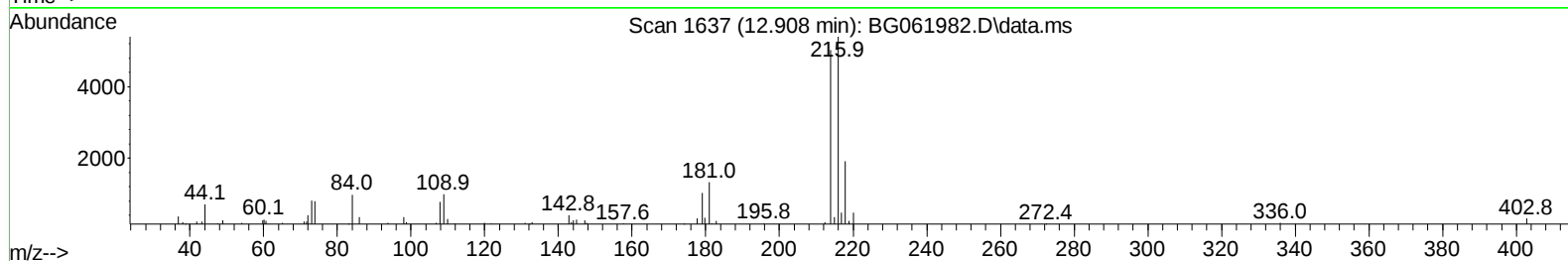
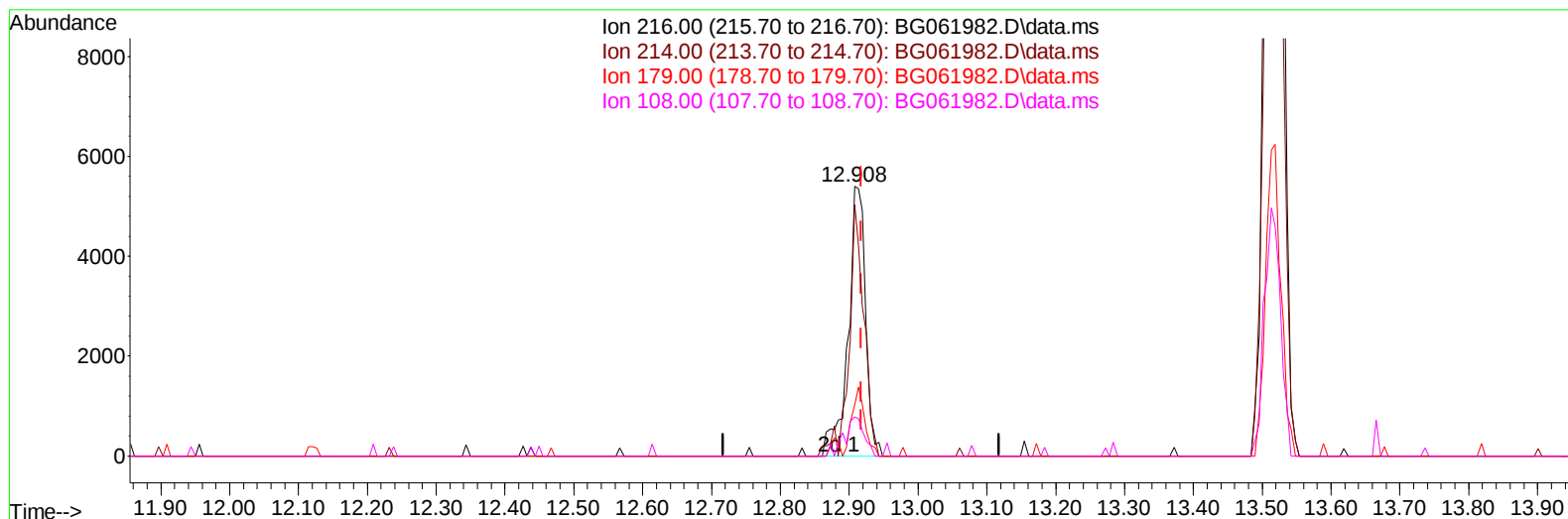
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Sample : P3108-01  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
C0ST5

Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 07/10/2024



TIC: BG061982.D\data.ms

(39) 1,2,4,5-Tetrachlorobenzene

12.908min (-0.010) 1.99 ng/ul m

response 9502

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 216.00 | 100.00 | 100.00 |
| 214.00 | 78.10  | 93.25  |
| 179.00 | 23.20  | 19.05  |
| 108.00 | 17.10  | 14.40  |

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 Data File : BG061982.D  
 Acq On : 9 Jul 2024 20:45  
 Operator : MA/JU  
 Sample : P3108-01  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 C0ST5

## Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/10/2024  
 Supervised By :mohammad ahmed 07/10/2024

Quant Time: Jul 10 00:06:23 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG070224.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Jul 03 02:38:46 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.096  | 152  | 41626    | 20.000 | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 10.904 | 136  | 216115   | 20.000 | ng/ul  | -0.01    |
| 38) Acenaphthene-d10          | 14.717 | 164  | 158966   | 20.000 | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.455 | 188  | 375973   | 20.000 | ng/ul  | # 0.00   |
| 79) Chrysene-d12              | 21.715 | 240  | 338461   | 20.000 | ng/ul  | #-0.01   |
| 88) Perylene-d12              | 24.947 | 264  | 389806   | 20.000 | ng/ul  | -0.02    |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.483  | 96   | 5162     | 4.660  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 0.000  | 84   | 0d       | 0.000  | ng/ul  |          |
| 7) Phenol-d5                  | 7.244  | 99   | 71522    | 15.700 | ng/ul  | -0.01    |
| 9) Bis-(2-Chloroethyl)eth...  | 7.414  | 67   | 99348    | 34.439 | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.620  | 132  | 114307   | 36.581 | ng/ul  | -0.01    |
| 15) 4-Methylphenol-d8         | 8.795  | 113  | 97655    | 27.227 | ng/ul  | 0.00     |
| 21) Nitrobenzene-d5           | 9.259  | 128  | 66394    | 40.395 | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.982  | 143  | 84833    | 45.196 | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.522 | 165  | 146913   | 40.579 | ng/ul  | -0.01    |
| 31) 4-Chloroaniline-d4        | 11.039 | 131  | 10198    | 1.940  | ng/ul  | 0.00     |
| 46) Dimethylphthalate-d6      | 14.118 | 166  | 530536   | 40.595 | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 14.412 | 160  | 556446   | 40.718 | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.905 | 143  | 41088    | 19.687 | ng/ul  | -0.01    |
| 60) Fluorene-d10              | 15.704 | 176  | 452046   | 41.087 | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.816 | 200  | 96531    | 48.888 | ng/ul  | -0.01    |
| 73) Anthracene-d10            | 17.555 | 188  | 724388   | 41.267 | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.835 | 212  | 819666   | 41.173 | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 24.729 | 264  | 838044   | 43.349 | ng/ul  | -0.01    |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 8) Phenol                     | 7.267  | 94   | 5733     | 1.229  | ng/ul  | 90       |
| 12) 2-Chlorophenol            | 7.655  | 128  | 10642    | 3.343  | ng/ul  | 96       |
| 22) Nitrobenzene              | 9.306  | 77   | 236168   | 50.619 | ng/ul  | 98       |
| 25) 2-Nitrophenol             | 10.005 | 139  | 4714m    | 2.463  | ng/ul  |          |
| 39) 1,2,4,5-Tetrachloroben... | 12.908 | 216  | 9502m    | 1.990  | ng/ul  |          |
| 75) 1,2,3,4-Tetrachloroben... | 13.519 | 216  | 42526    | 9.107  | ng/ul  | 91       |
| -----                         |        |      |          |        |        |          |

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

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ClientSampleId :  
C0ST5

## Manual IntegrationsAPPROVED

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