

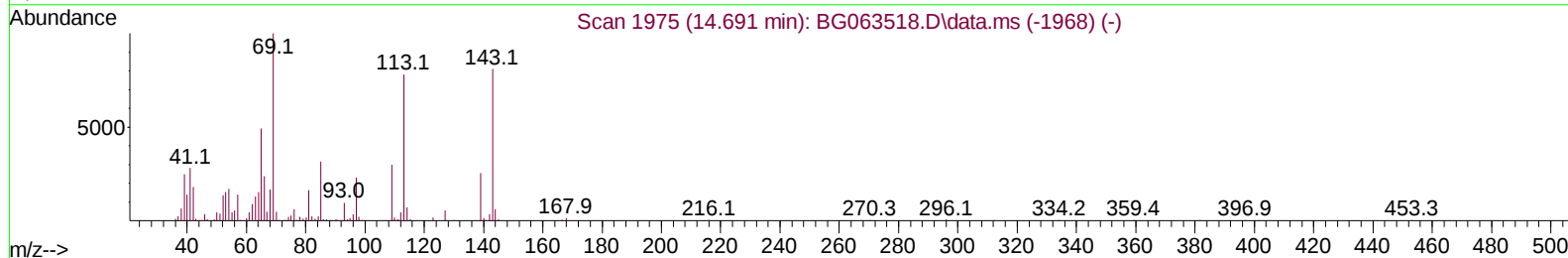
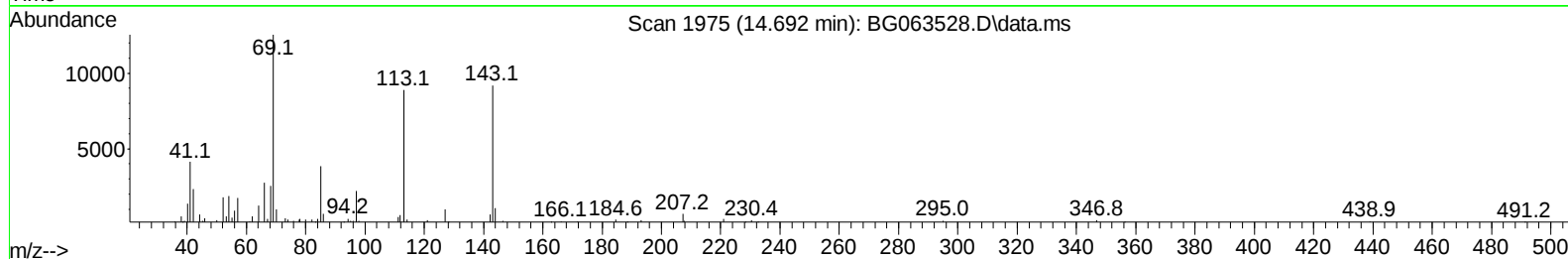
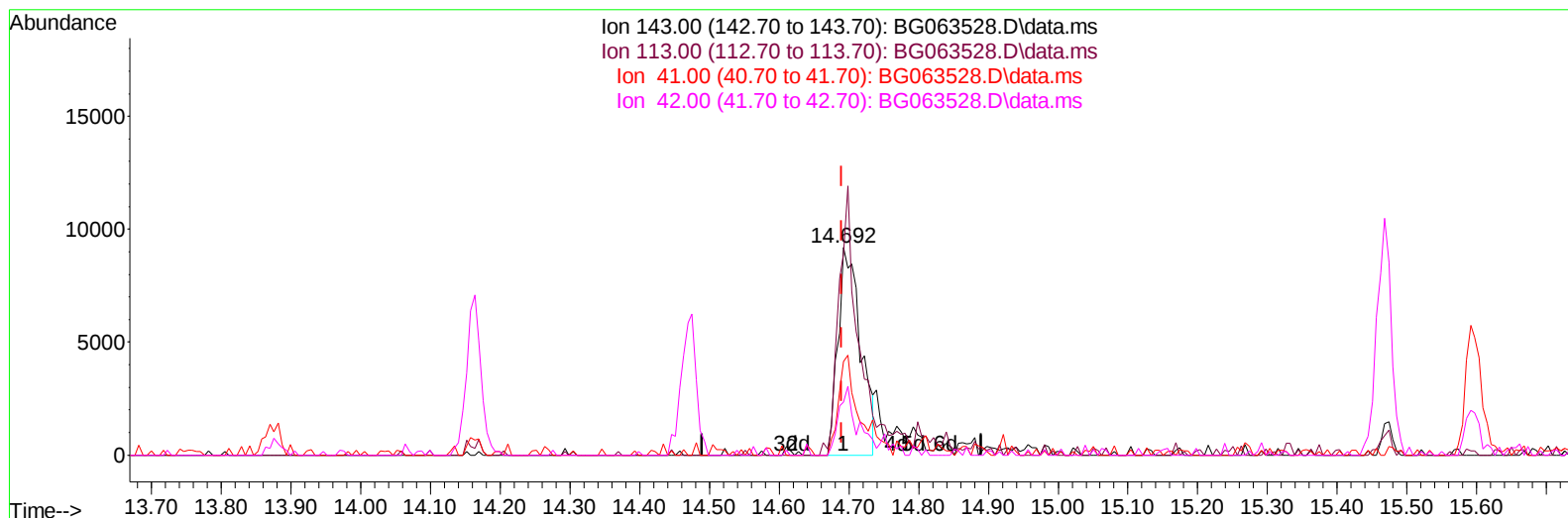
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG112224\  
 Data File : BG063528.D  
 Acq On : 22 Nov 2024 20:16  
 Operator : RC/JU  
 Sample : P4965-02  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 E1PH8

Manual IntegrationsAPPROVED

Quant Time: Nov 22 22:28:35 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG112024.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Nov 20 14:52:38 2024  
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 11/25/2024  
 Supervised By :mohammad ahmed 11/27/2024



TIC: BG063528.D\data.ms

**(54) 4-Nitrophenol-d4 (S)**

**14.692min (+ 0.003) 6.88 ng/u1**

**response 20670**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 143.00 | 100.00 | 100.00 |
| 113.00 | 103.10 | 96.84  |
| 41.00  | 38.80  | 44.91  |
| 42.00  | 26.30  | 25.64  |

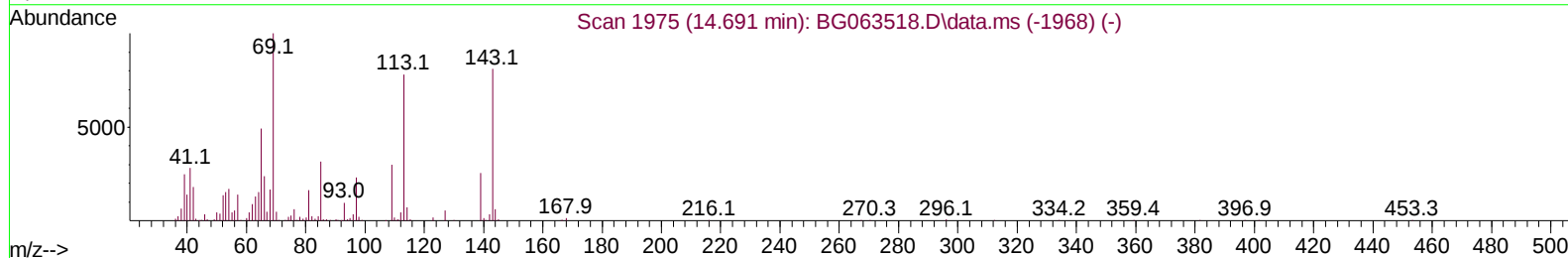
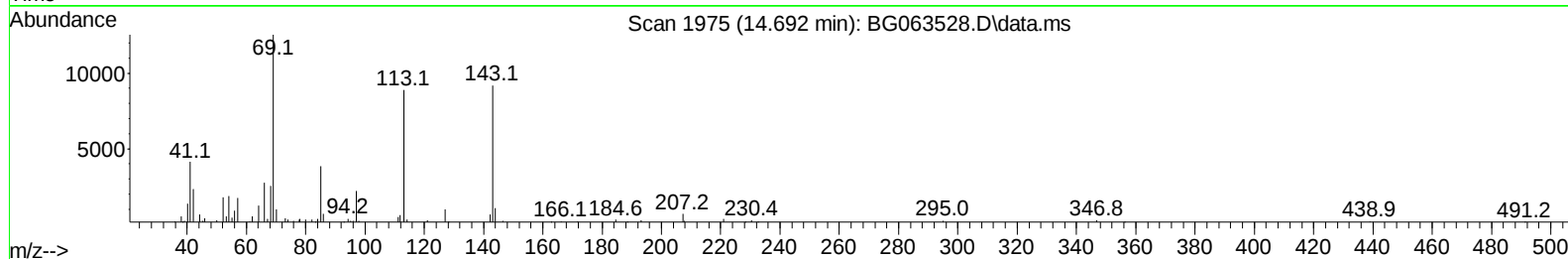
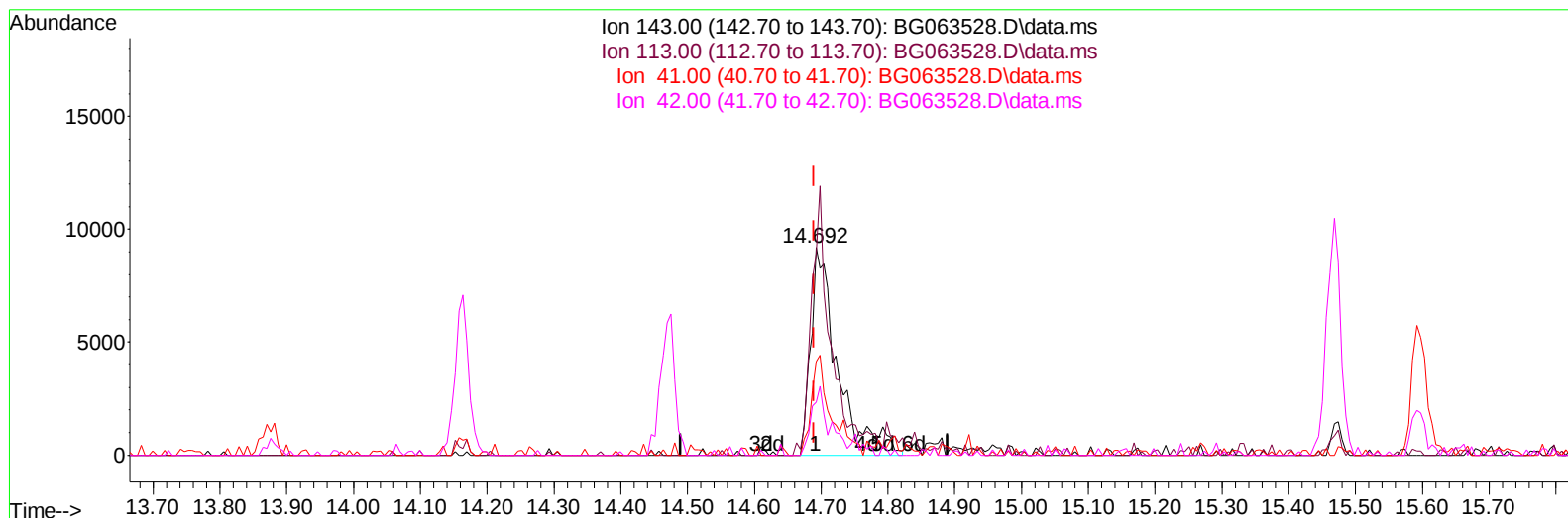
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TIC: BG063528.D\data.ms

**(54) 4-Nitrophenol-d4 (S)**

**14.692min (+ 0.003) 8.58 ng/ul m**

**response 25758**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 143.00 | 100.00 | 100.00 |
| 113.00 | 103.10 | 96.84  |
| 41.00  | 38.80  | 44.91  |
| 42.00  | 26.30  | 25.64  |

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 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 E1PH8

## Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 11/25/2024  
 Supervised By :mohammad ahmed 11/27/2024

Quant Time: Nov 22 22:29:40 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG112024.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Nov 20 14:52:38 2024  
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| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.830  | 152  | 91795    | 20.000 | ng/ul | 0.00     |
| 20) Naphthalene-d8            | 10.621 | 136  | 365615   | 20.000 | ng/ul | 0.00     |
| 38) Acenaphthene-d10          | 14.469 | 164  | 297643   | 20.000 | ng/ul | 0.00     |
| 64) Phenanthrene-d10          | 17.225 | 188  | 715648   | 20.000 | ng/ul | 0.00     |
| 79) Chrysene-d12              | 21.484 | 240  | 797830   | 20.000 | ng/ul | 0.00     |
| 88) Perylene-d12              | 24.528 | 264  | 870304   | 20.000 | ng/ul | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 3) 1,4-Dioxane-d8             | 3.300  | 96   | 9697     | 4.169  | ng/uL | 0.00     |
| 4) Pyridine-d5                | 3.711  | 84   | 41899    | 5.748  | ng/ul | 0.00     |
| 7) Phenol-d5                  | 7.007  | 99   | 67175    | 8.898  | ng/ul | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.160  | 67   | 158771   | 32.789 | ng/ul | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.366  | 132  | 159591   | 29.828 | ng/ul | 0.00     |
| 15) 4-Methylphenol-d8         | 8.541  | 113  | 134203   | 21.272 | ng/ul | 0.00     |
| 21) Nitrobenzene-d5           | 8.981  | 128  | 95388    | 36.330 | ng/ul | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.704  | 143  | 112670   | 34.737 | ng/ul | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.245 | 165  | 203148   | 32.814 | ng/ul | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.762 | 131  | 135550   | 17.310 | ng/ul | 0.00     |
| 46) Dimethylphthalate-d6      | 13.876 | 166  | 768911   | 38.054 | ng/ul | 0.00     |
| 49) Acenaphthylene-d8         | 14.164 | 160  | 831387   | 36.082 | ng/ul | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.692 | 143  | 25758m   | 8.580  | ng/ul | 0.00     |
| 60) Fluorene-d10              | 15.468 | 176  | 703962   | 38.343 | ng/ul | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.597 | 200  | 147075   | 36.555 | ng/ul | 0.00     |
| 73) Anthracene-d10            | 17.325 | 188  | 1316026  | 42.328 | ng/ul | 0.00     |
| 81) Pyrene-d10                | 19.628 | 212  | 1732099  | 43.311 | ng/ul | 0.00     |
| 92) Benzo(a)pyrene-d12        | 24.322 | 264  | 1786202  | 42.314 | ng/ul | 0.00     |

Target Compounds Qvalue

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

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