

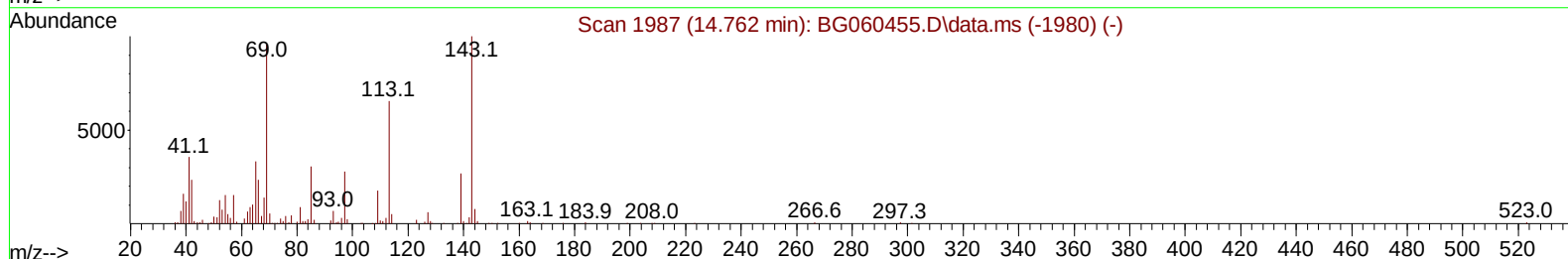
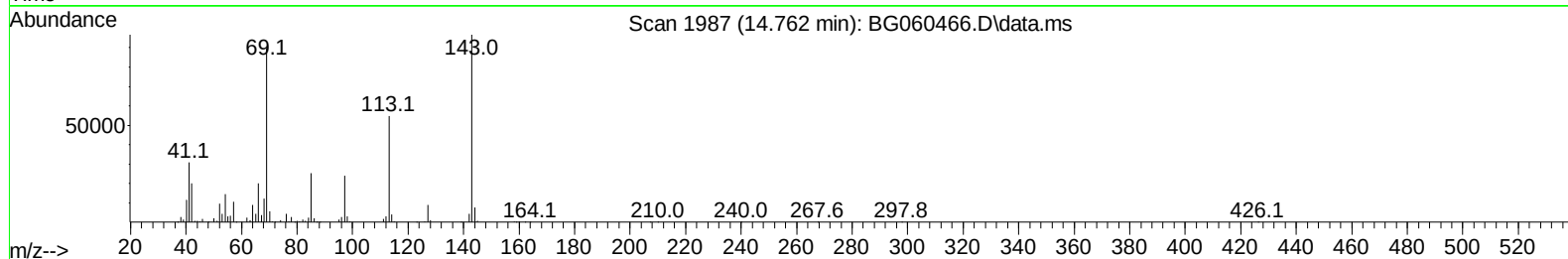
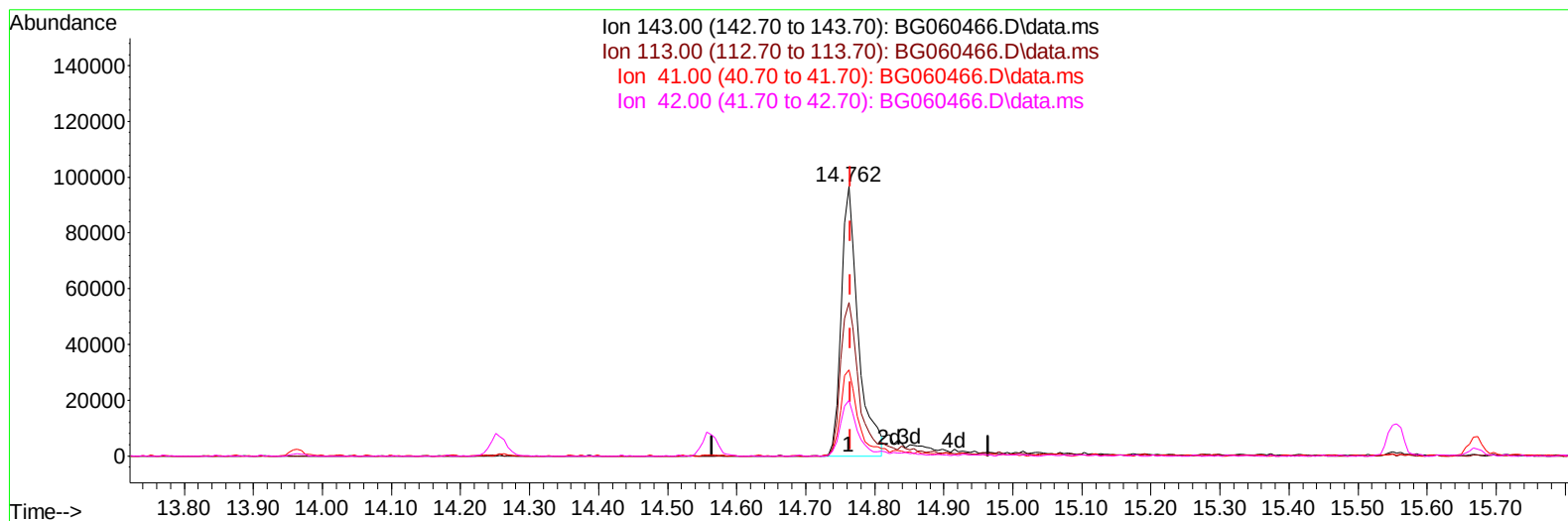
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG012924\  
Data File : BG060466.D  
Acq On : 29 Jan 2024 17:40  
Operator : MA/JU  
Sample : PB158663BL  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
SBLK663

Manual IntegrationsAPPROVED

Quant Time: Jan 29 18:25:59 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG012624.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Fri Jan 26 06:06:34 2024  
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 01/30/2024  
Supervised By :mohammad ahmed 01/31/2024



TIC: BG060466.D\data.ms

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

**14.762min (-0.002) 21.85 ng/u1**

**response 164495**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 143.00 | 100.00 | 100.00 |
| 113.00 | 59.60  | 56.85  |
| 41.00  | 29.80  | 32.08  |
| 42.00  | 22.70  | 20.67  |

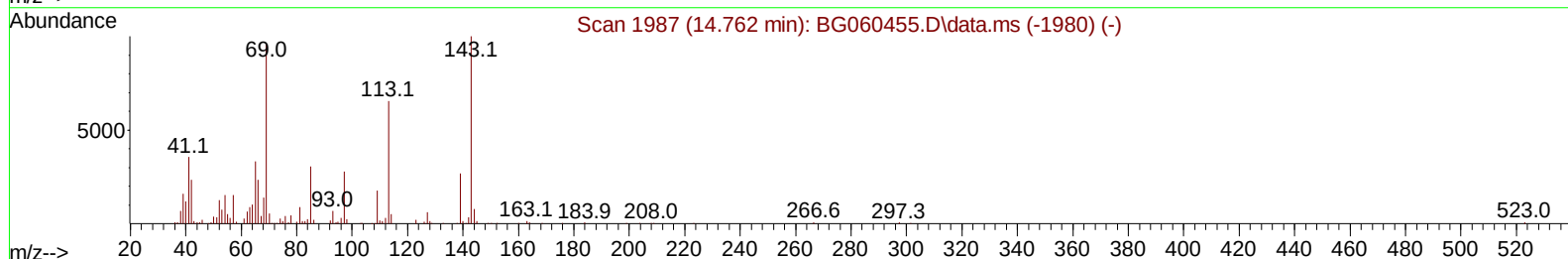
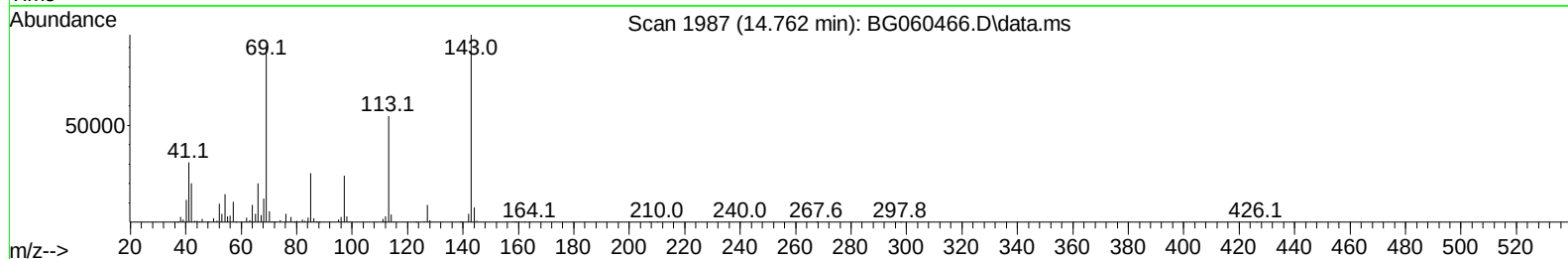
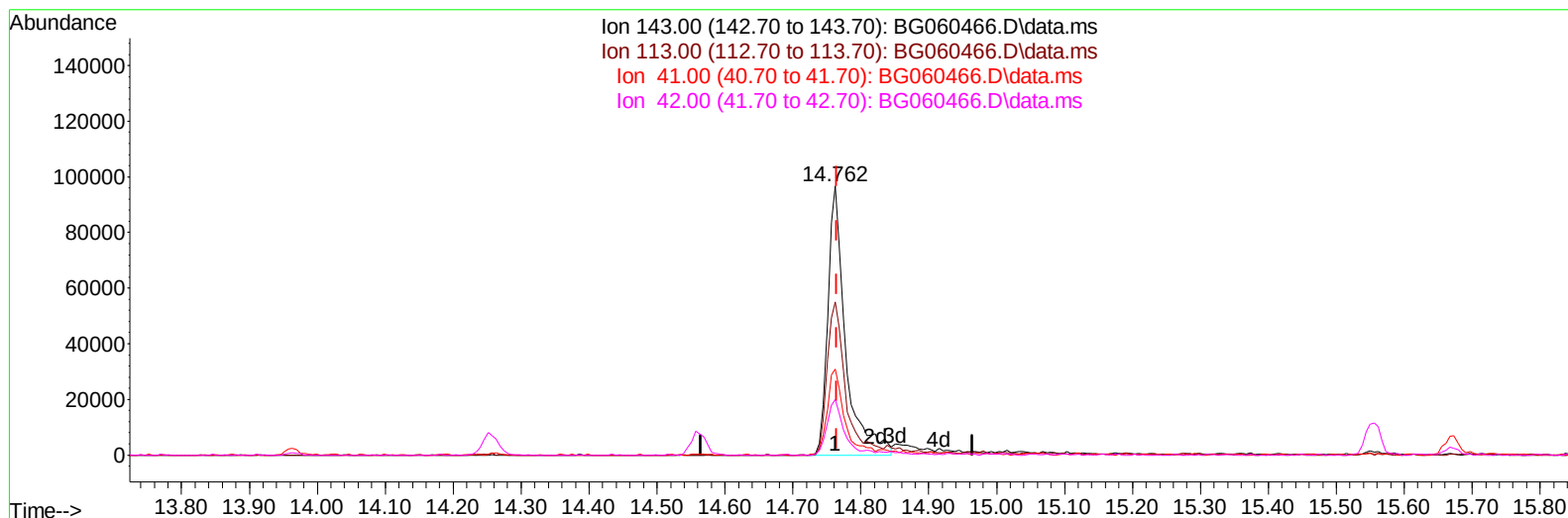
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG012924\  
Data File : BG060466.D  
Acq On : 29 Jan 2024 17:40  
Operator : MA/JU  
Sample : PB158663BL  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
SBLK663

Manual IntegrationsAPPROVED

Quant Time: Jan 29 18:25:59 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG012624.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Fri Jan 26 06:06:34 2024  
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 01/30/2024  
Supervised By :mohammad ahmed 01/31/2024



TIC: BG060466.D\data.ms

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

**14.762min (-0.002) 23.34 ng/ul m**

**response 175754**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 143.00 | 100.00 | 100.00 |
| 113.00 | 59.60  | 56.85  |
| 41.00  | 29.80  | 32.08  |
| 42.00  | 22.70  | 20.67  |

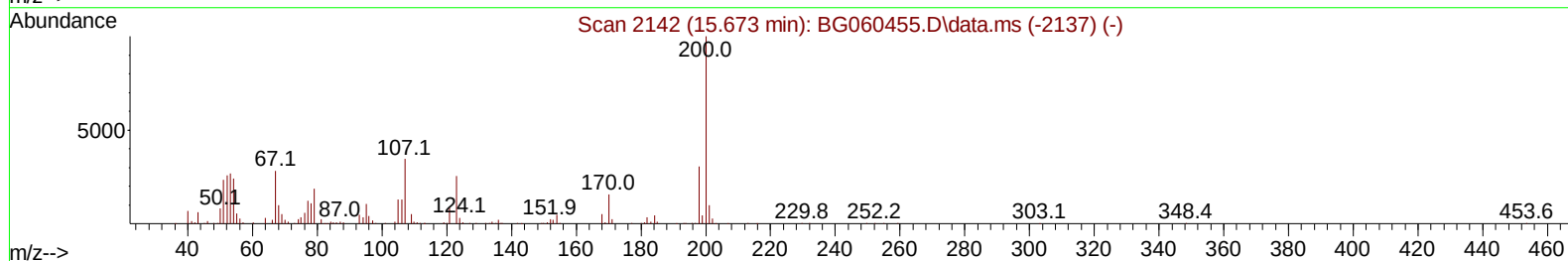
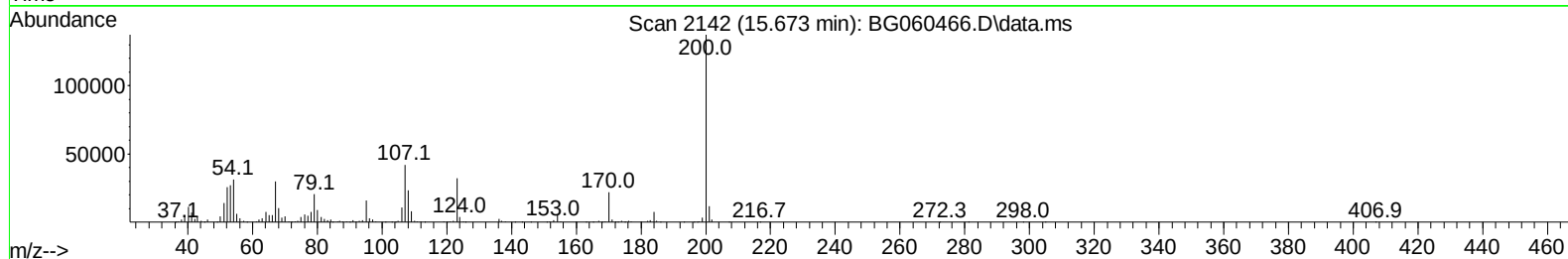
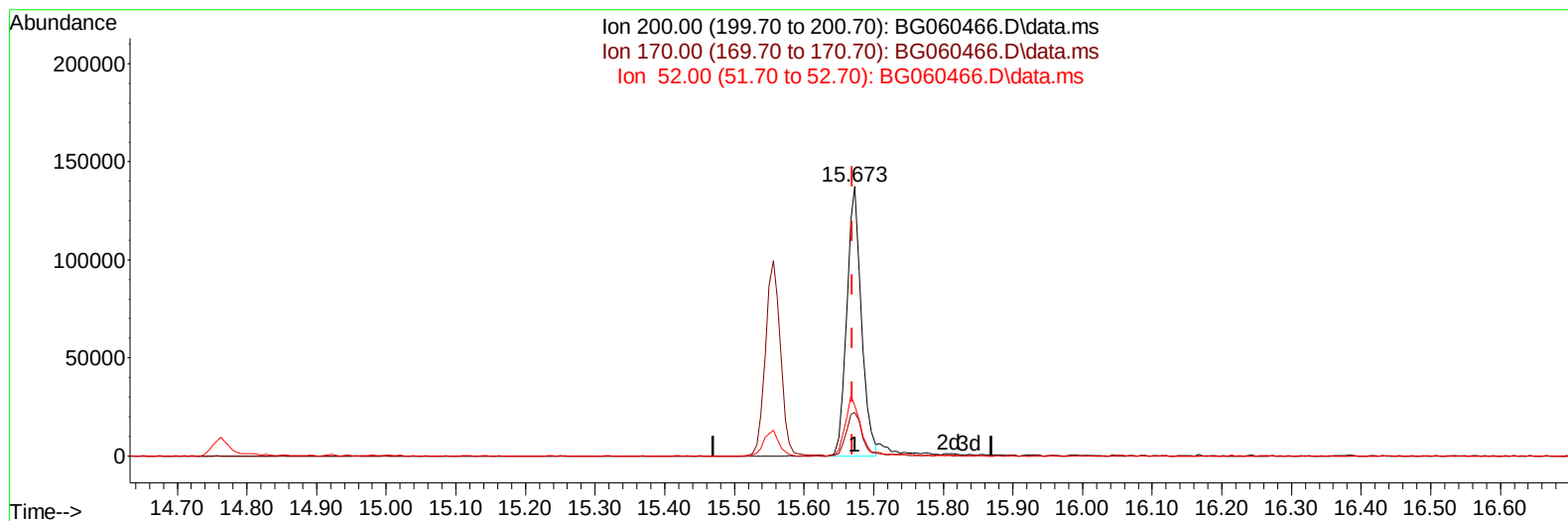
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG012924\  
Data File : BG060466.D  
Acq On : 29 Jan 2024 17:40  
Operator : MA/JU  
Sample : PB158663BL  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
SBLK663

Manual IntegrationsAPPROVED

Quant Time: Jan 30 02:49:32 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG012624.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Fri Jan 26 06:06:34 2024  
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 01/30/2024  
Supervised By :mohammad ahmed 01/31/2024



TIC: BG060466.D\data.ms

(65) 4,6-Dinitro-2-methylphenol-d2 (S)

15.673min (+ 0.004) 19.44 ng/ul

response 200608

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 200.00 | 100.00 | 100.00 |
| 170.00 | 17.40  | 16.15  |
| 52.00  | 25.40  | 18.88# |
| 0.00   | 0.00   | 0.00   |

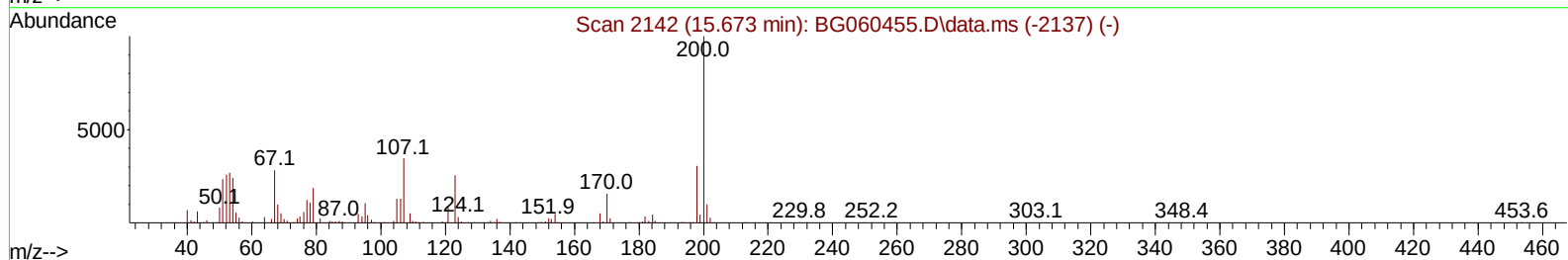
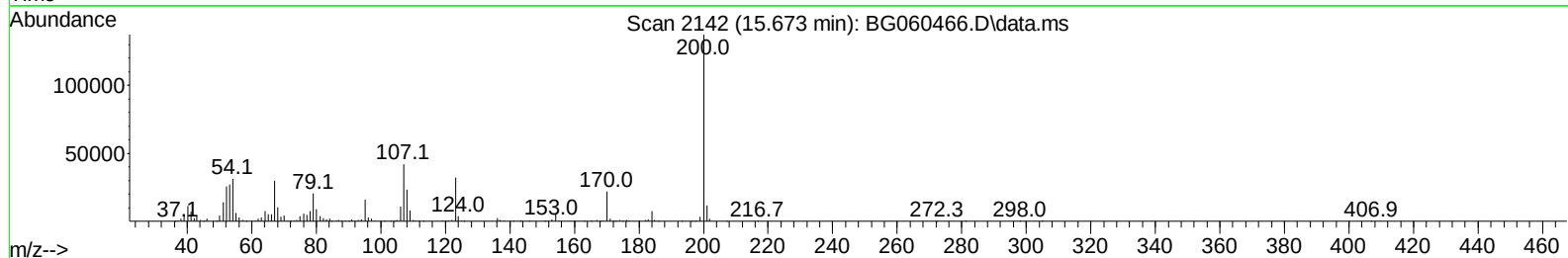
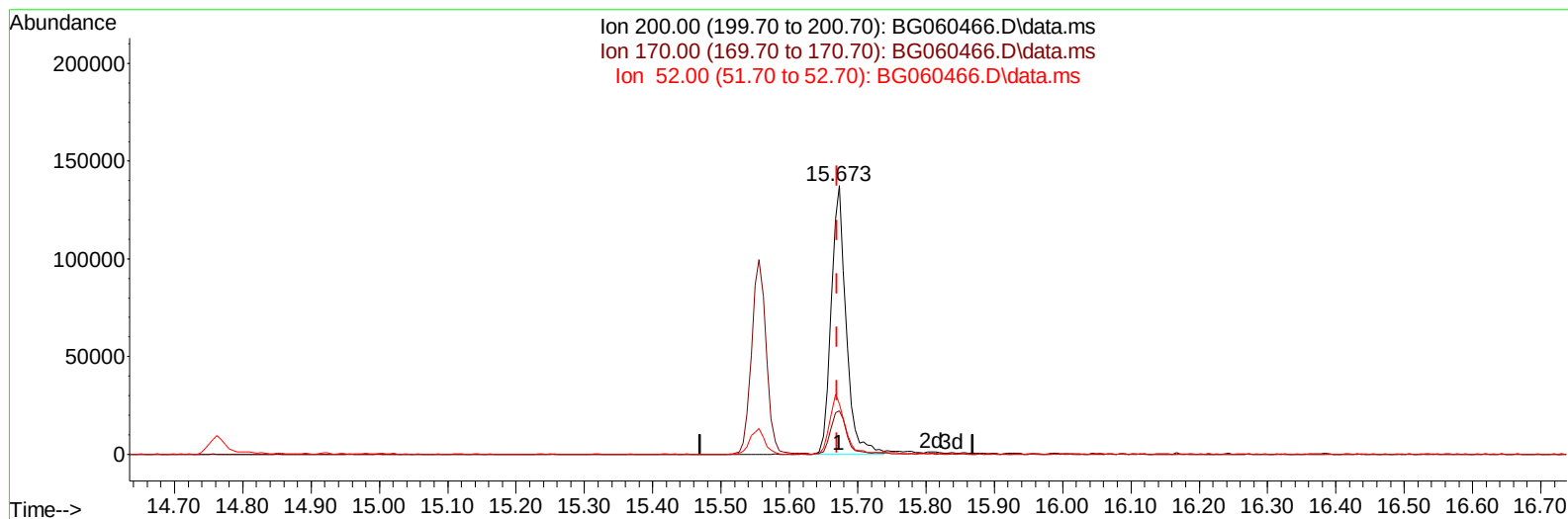
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG012924\  
Data File : BG060466.D  
Acq On : 29 Jan 2024 17:40  
Operator : MA/JU  
Sample : PB158663BL  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
SBLK663

Manual IntegrationsAPPROVED

Quant Time: Jan 30 02:49:32 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG012624.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Fri Jan 26 06:06:34 2024  
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Supervised By :mohammad ahmed 01/31/2024



TIC: BG060466.D\data.ms

(65) 4,6-Dinitro-2-methylphenol-d2 (S)

15.673min (+ 0.004) 20.18 ng/ul m

response 208188

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 200.00 | 100.00 | 100.00 |
| 170.00 | 17.40  | 16.15  |
| 52.00  | 25.40  | 18.88# |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG012924\  
 Data File : BG060466.D  
 Acq On : 29 Jan 2024 17:40  
 Operator : MA/JU  
 Sample : PB158663BL  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SBLK663

## Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 01/30/2024  
 Supervised By :mohammad ahmed 01/31/2024

Quant Time: Jan 30 02:49:57 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG012624.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Jan 26 06:06:34 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.923  | 152  | 198505   | 20.000 | ng/ul | 0.00     |
| 20) Naphthalene-d8            | 10.726 | 136  | 812437   | 20.000 | ng/ul | 0.00     |
| 38) Acenaphthene-d10          | 14.563 | 164  | 642392   | 20.000 | ng/ul | 0.00     |
| 64) Phenanthrene-d10          | 17.312 | 188  | 1666254  | 20.000 | ng/ul | 0.00     |
| 79) Chrysene-d12              | 21.572 | 240  | 1606114  | 20.000 | ng/ul | 0.00     |
| 88) Perylene-d12              | 24.733 | 264  | 1840748  | 20.000 | ng/ul | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 3) 1,4-Dioxane-d8             | 3.364  | 96   | 27362    | 6.907  | ng/uL | 0.00     |
| 4) Pyridine-d5                | 3.769  | 84   | 392640   | 31.333 | ng/ul | 0.00     |
| 7) Phenol-d5                  | 7.089  | 99   | 495526   | 26.284 | ng/ul | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.248  | 67   | 301031   | 25.410 | ng/ul | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.453  | 132  | 334464   | 26.567 | ng/ul | 0.00     |
| 15) 4-Methylphenol-d8         | 8.628  | 113  | 368620   | 23.737 | ng/ul | 0.00     |
| 21) Nitrobenzene-d5           | 9.087  | 128  | 163533   | 27.286 | ng/ul | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.809  | 143  | 205614   | 29.365 | ng/ul | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.344 | 165  | 395297   | 27.146 | ng/ul | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.861 | 131  | 496404   | 25.986 | ng/ul | 0.00     |
| 46) Dimethylphthalate-d6      | 13.963 | 166  | 1420329  | 27.020 | ng/ul | 0.00     |
| 49) Acenaphthylene-d8         | 14.257 | 160  | 1606099  | 27.239 | ng/ul | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.762 | 143  | 175754m  | 23.344 | ng/ul | 0.00     |
| 60) Fluorene-d10              | 15.556 | 176  | 1290930  | 28.028 | ng/ul | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.673 | 200  | 208188m  | 20.178 | ng/ul | 0.00     |
| 73) Anthracene-d10            | 17.406 | 188  | 2203479  | 27.897 | ng/ul | 0.00     |
| 81) Pyrene-d10                | 19.704 | 212  | 2730953  | 28.370 | ng/ul | 0.00     |
| 92) Benzo(a)pyrene-d12        | 24.522 | 264  | 2725972  | 28.230 | ng/ul | 0.00     |

Target Compounds Qvalue

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

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