

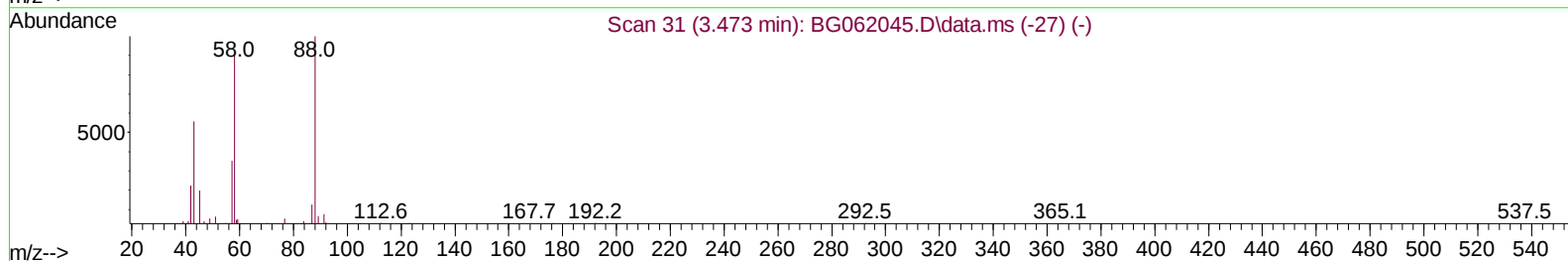
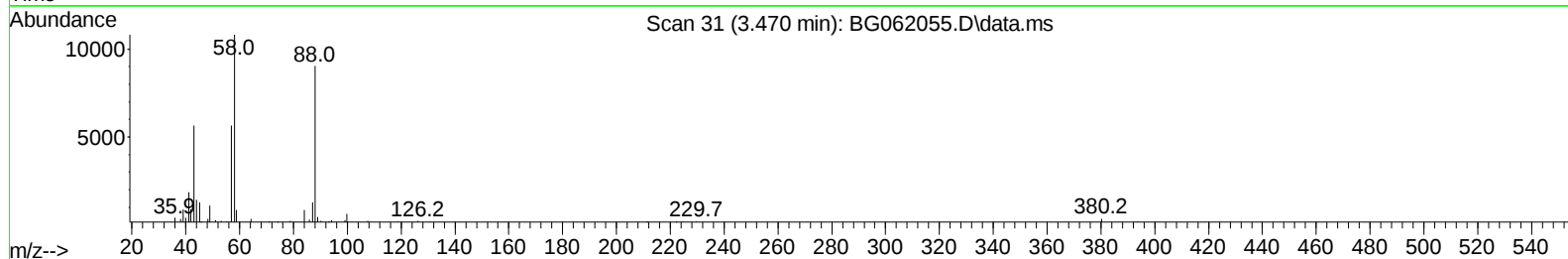
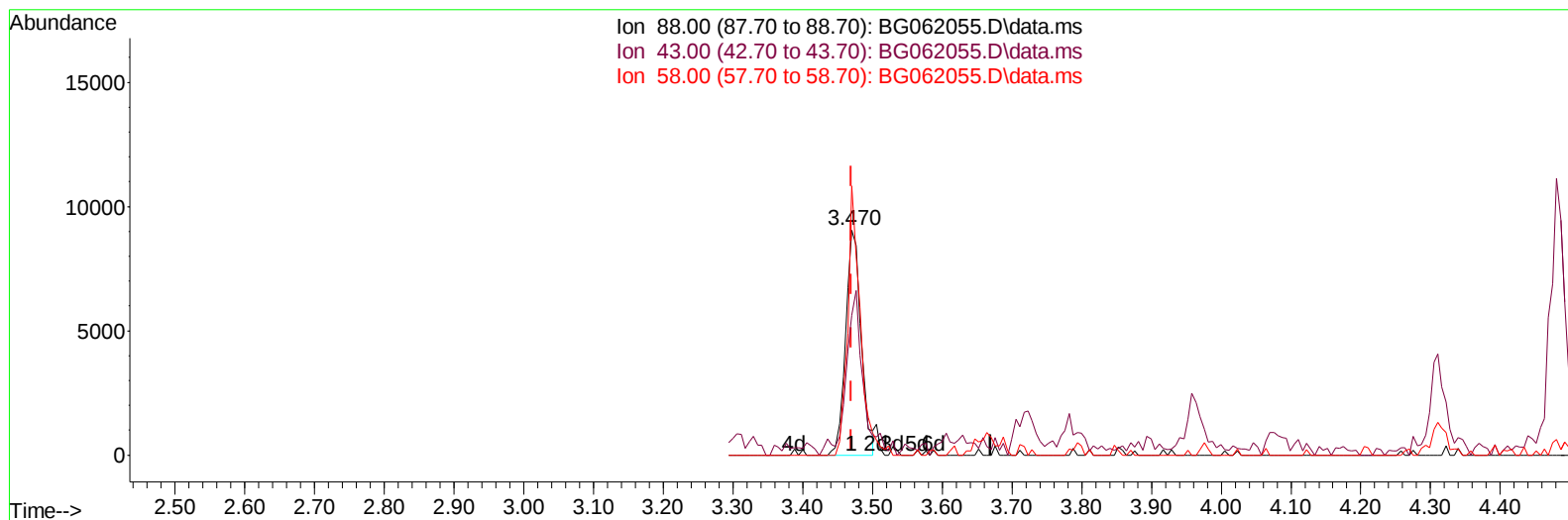
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG071224\  
Data File : BG062055.D  
Acq On : 13 Jul 2024 00:48  
Operator : MA/JU  
Sample : P3137-17  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
YDZG6

Manual IntegrationsAPPROVED

Quant Time: Jul 13 01:57:53 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG070224.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Thu Jul 11 12:11:32 2024  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/13/2024  
Supervised By :mohammad ahmed 07/16/2024



TIC: BG062055.D\data.ms

(2) 1,4-Dioxane

3.470min (+ 0.001) 10.41 ng/uL

response 13898

| Ion   | Exp%   | Act%    |
|-------|--------|---------|
| 88.00 | 100.00 | 100.00  |
| 43.00 | 49.30  | 62.34#  |
| 58.00 | 97.60  | 119.63# |
| 0.00  | 0.00   | 0.00    |

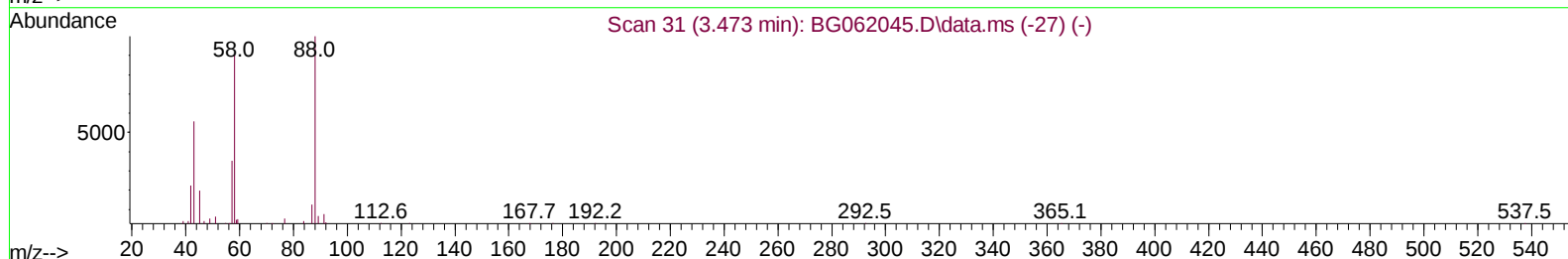
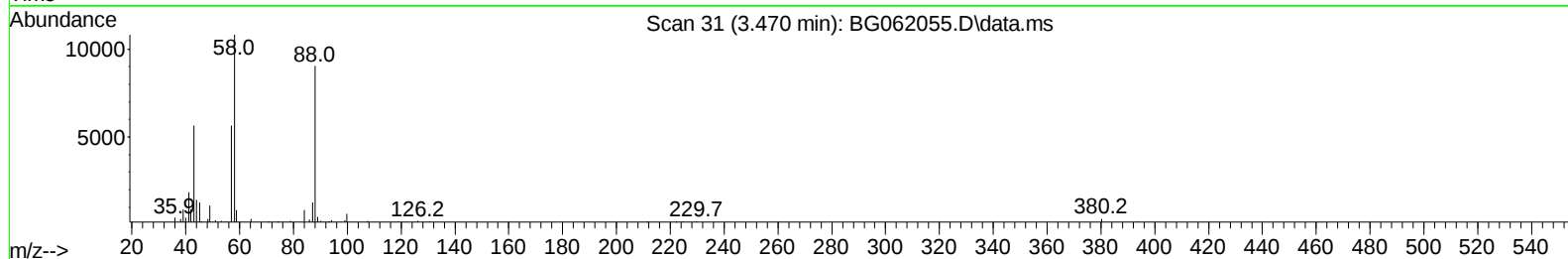
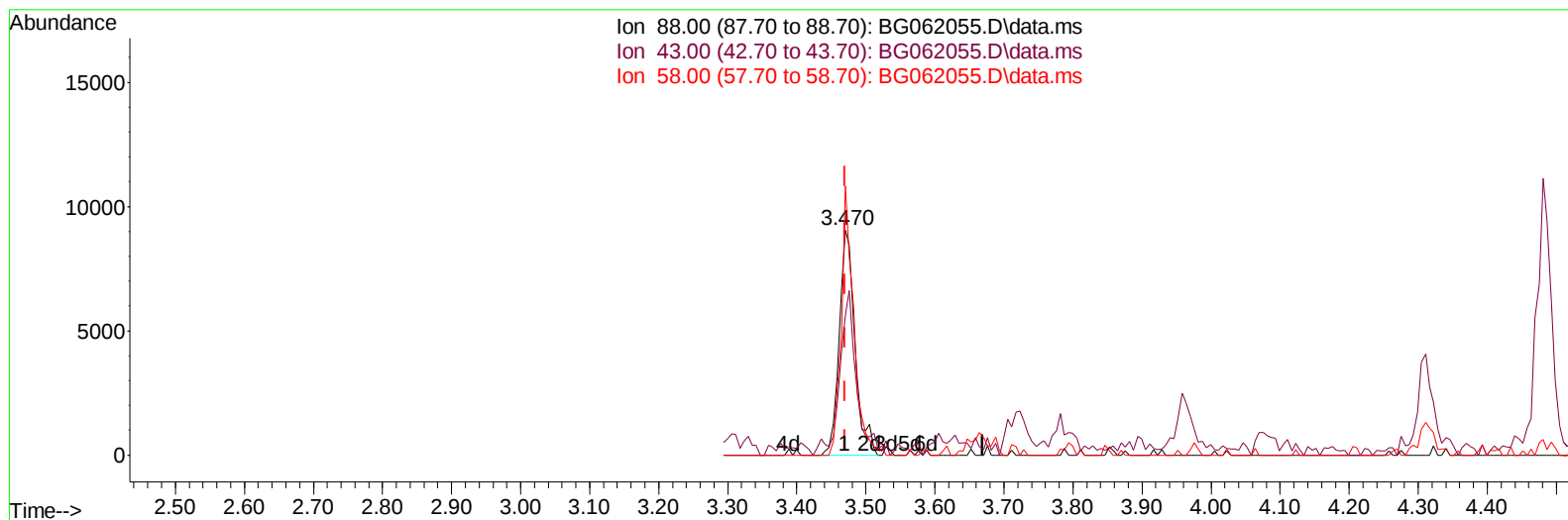
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG071224\  
 Data File : BG062055.D  
 Acq On : 13 Jul 2024 00:48  
 Operator : MA/JU  
 Sample : P3137-17  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 YDZG6

Manual IntegrationsAPPROVED

Quant Time: Jul 13 01:57:53 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG070224.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Jul 11 12:11:32 2024  
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/13/2024  
 Supervised By :mohammad ahmed 07/16/2024



TIC: BG062055.D\data.ms

(2) 1,4-Dioxane

3.470min (+ 0.001) 10.80 ng/uL m

response 14424

| Ion   | Exp%   | Act%    |
|-------|--------|---------|
| 88.00 | 100.00 | 100.00  |
| 43.00 | 49.30  | 62.34#  |
| 58.00 | 97.60  | 119.63# |
| 0.00  | 0.00   | 0.00    |

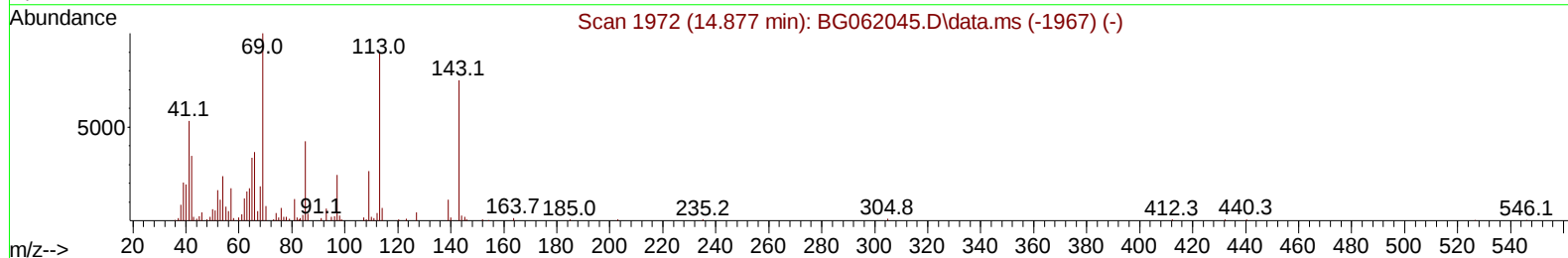
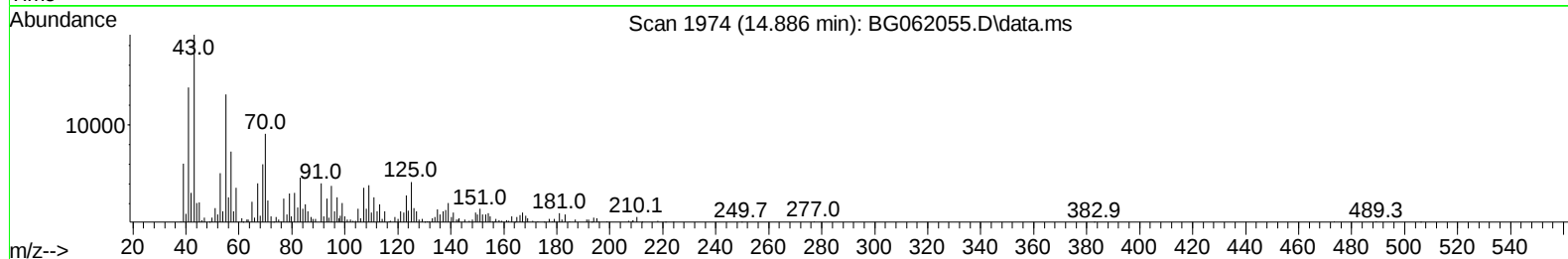
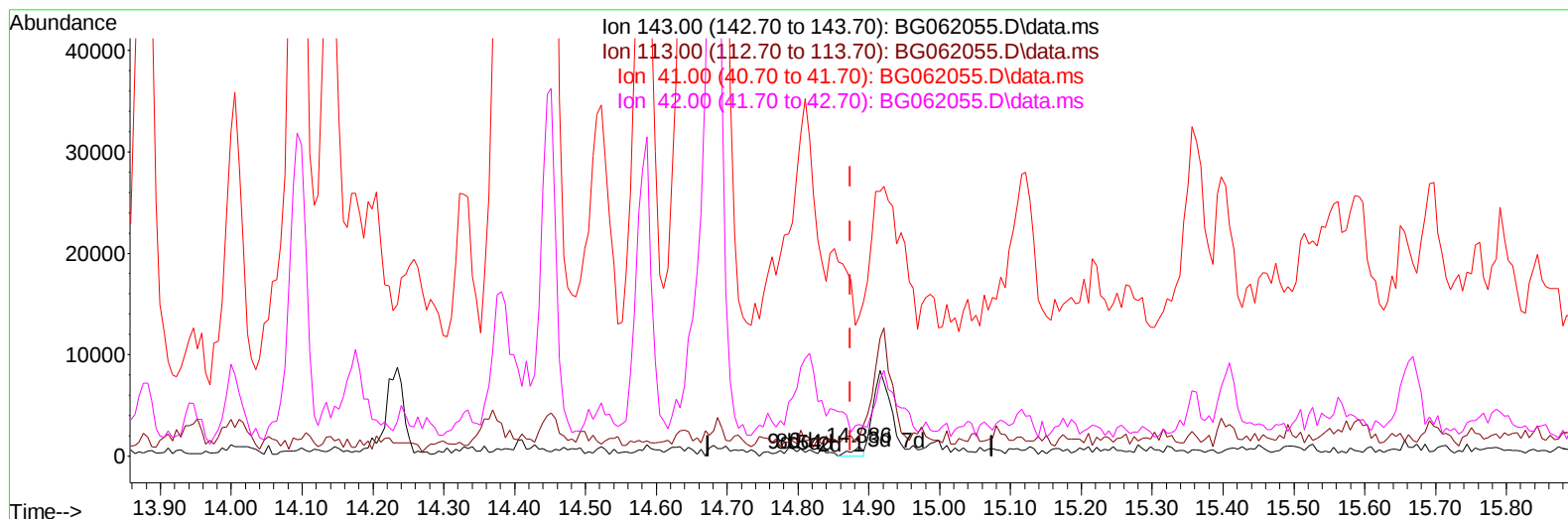
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG071224\  
Data File : BG062055.D  
Acq On : 13 Jul 2024 00:48  
Operator : MA/JU  
Sample : P3137-17  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
YDZG6

Manual IntegrationsAPPROVED

Quant Time: Jul 13 02:00:07 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG070224.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Thu Jul 11 12:11:32 2024  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/13/2024  
Supervised By :mohammad ahmed 07/16/2024



TIC: BG062055.D\data.ms

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

**14.886min (+ 0.013) 0.59 ng/u1**

**response 1095**

| Ion    | Exp%   | Act%     |
|--------|--------|----------|
| 143.00 | 100.00 | 100.00   |
| 113.00 | 106.20 | 211.53#  |
| 41.00  | 69.90  | 1509.44# |
| 42.00  | 41.10  | 340.50#  |

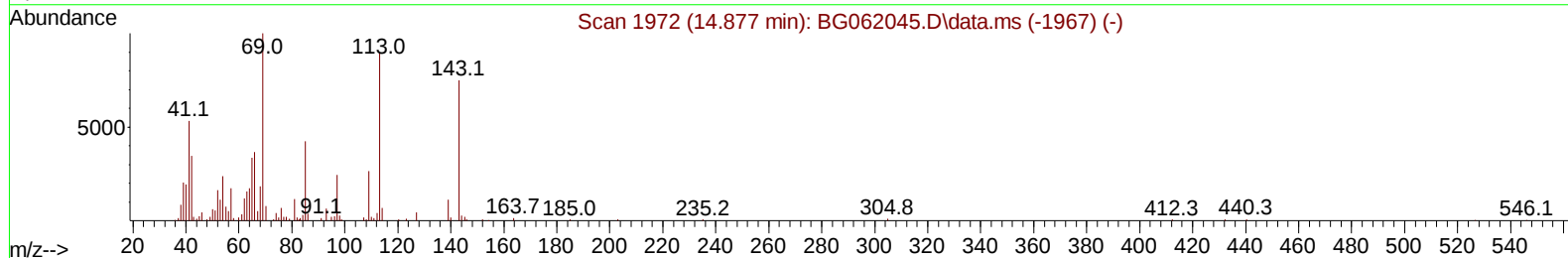
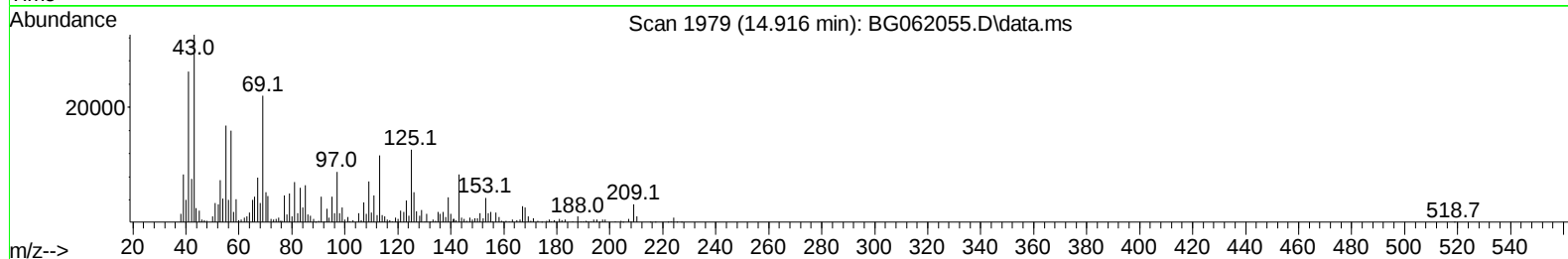
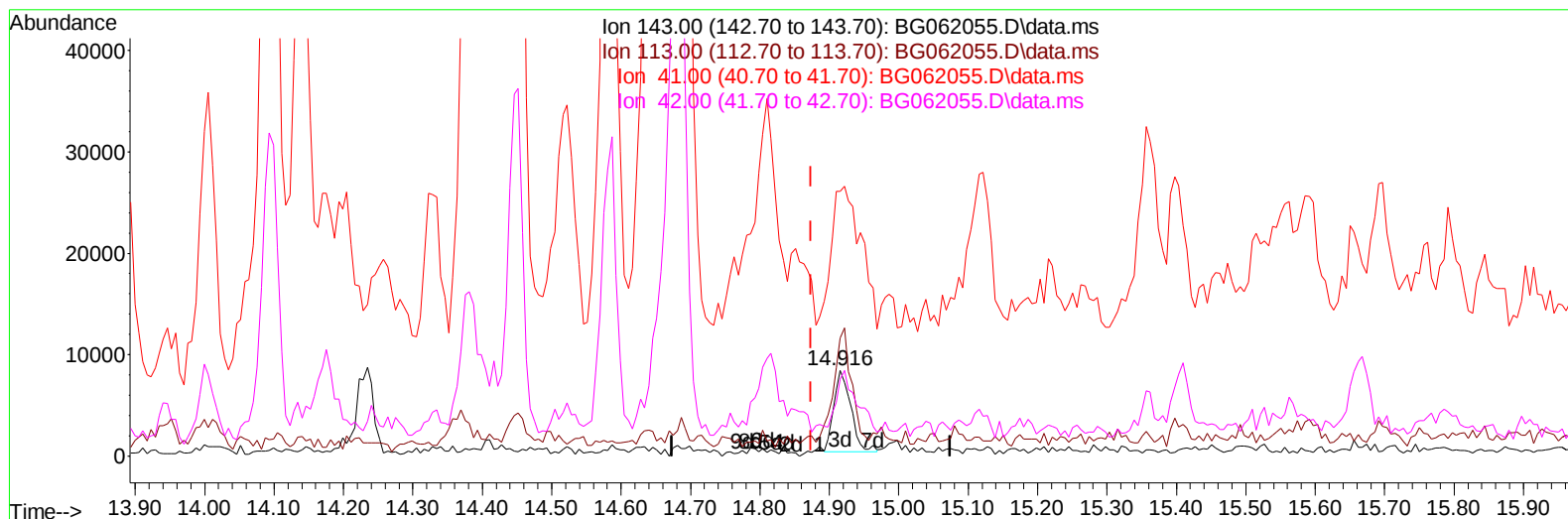
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG071224\  
Data File : BG062055.D  
Acq On : 13 Jul 2024 00:48  
Operator : MA/JU  
Sample : P3137-17  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
YDZG6

Manual IntegrationsAPPROVED

Quant Time: Jul 13 02:00:07 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG070224.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Thu Jul 11 12:11:32 2024  
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Reviewed By :Yogesh Patel 07/13/2024  
Supervised By :mohammad ahmed 07/16/2024



TIC: BG062055.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.916min (+ 0.042) 7.33 ng/ul m

response 13648

| Ion    | Exp%   | Act%    |
|--------|--------|---------|
| 143.00 | 100.00 | 100.00  |
| 113.00 | 106.20 | 138.23# |
| 41.00  | 69.90  | 309.70# |
| 42.00  | 41.10  | 89.92#  |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG071224\  
 Data File : BG062055.D  
 Acq On : 13 Jul 2024 00:48  
 Operator : MA/JU  
 Sample : P3137-17  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 YDZG6

## Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/13/2024  
 Supervised By :mohammad ahmed 07/16/2024

Quant Time: Jul 13 04:12:54 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG070224.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Jul 11 12:11:32 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.041  | 152  | 45460    | 20.000 | ng/ul | 0.00     |
| 20) Naphthalene-d8            | 10.856 | 136  | 197238   | 20.000 | ng/ul | # 0.00   |
| 38) Acenaphthene-d10          | 14.675 | 164  | 141776   | 20.000 | ng/ul | 0.00     |
| 64) Phenanthrene-d10          | 17.419 | 188  | 352184   | 20.000 | ng/ul | # 0.00   |
| 79) Chrysene-d12              | 21.678 | 240  | 325344   | 20.000 | ng/ul | # 0.00   |
| 88) Perylene-d12              | 24.886 | 264  | 389120   | 20.000 | ng/ul | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 3) 1,4-Dioxane-d8             | 3.435  | 96   | 3504     | 2.897  | ng/uL | 0.00     |
| 4) Pyridine-d5                | 3.858  | 84   | 28656    | 7.704  | ng/ul | 0.00     |
| 7) Phenol-d5                  | 7.213  | 99   | 55780    | 11.212 | ng/ul | 0.02     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.366  | 67   | 62392    | 19.804 | ng/ul | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.571  | 132  | 83783    | 24.551 | ng/ul | 0.00     |
| 15) 4-Methylphenol-d8         | 8.770  | 113  | 76781    | 19.602 | ng/ul | 0.02     |
| 21) Nitrobenzene-d5           | 9.205  | 128  | 37519    | 25.012 | ng/ul | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.928  | 143  | 44612    | 26.043 | ng/ul | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.492 | 165  | 102012   | 30.874 | ng/ul | 0.02     |
| 31) 4-Chloroaniline-d4        | 10.997 | 131  | 87276    | 18.194 | ng/ul | 0.01     |
| 46) Dimethylphthalate-d6      | 14.081 | 166  | 318435   | 27.320 | ng/ul | 0.00     |
| 49) Acenaphthylene-d8         | 14.375 | 160  | 330358   | 27.105 | ng/ul | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.916 | 143  | 13648m   | 7.332  | ng/ul | 0.04     |
| 60) Fluorene-d10              | 15.668 | 176  | 272670   | 27.788 | ng/ul | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.785 | 200  | 50046    | 27.058 | ng/ul | 0.00     |
| 73) Anthracene-d10            | 17.519 | 188  | 432829   | 26.323 | ng/ul | 0.00     |
| 81) Pyrene-d10                | 19.798 | 212  | 488452   | 25.525 | ng/ul | 0.00     |
| 92) Benzo(a)pyrene-d12        | 24.669 | 264  | 511672   | 26.514 | ng/ul | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
| 2) 1,4-Dioxane                | 3.470  | 88   | 14424m   | 10.803 | ng/uL | Qvalue   |
| -----                         |        |      |          |        |       |          |

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

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BNA\_G  
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YDZG6

## Manual IntegrationsAPPROVED

Quant Time: Jul 13 04:12:54 2024  
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