

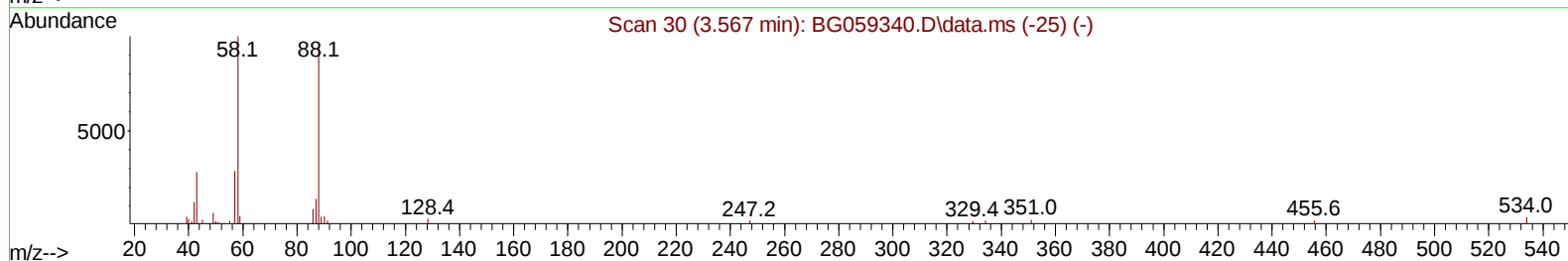
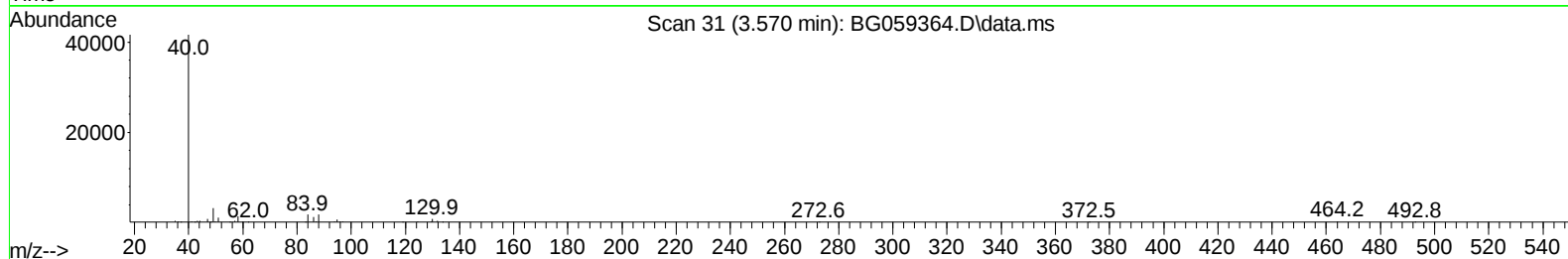
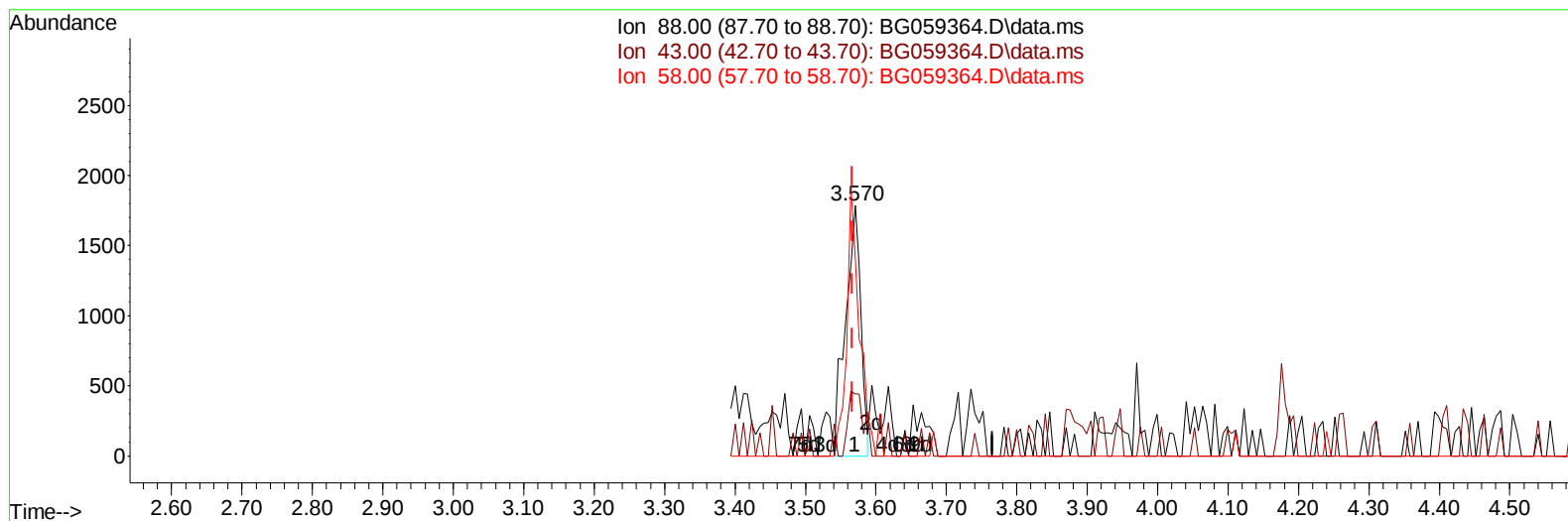
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG100723\  
 Data File : BG059364.D  
 Acq On : 8 Oct 2023 6:27  
 Operator : MA/JU  
 Sample : 04607-13  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 BBHC5

Manual IntegrationsAPPROVED

Quant Time: Oct 09 00:59:26 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG100723.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sat Oct 07 22:45:22 2023  
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 10/09/2023  
 Supervised By :mohammad ahmed 10/09/2023



TIC: BG059364.D\data.ms

(2) 1,4-Dioxane

3.570min (+ 0.004) 2.17 ng/uL

response 2675

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 88.00 | 100.00 | 100.00 |
| 43.00 | 31.70  | 24.73# |
| 58.00 | 105.80 | 78.57# |
| 0.00  | 0.00   | 0.00   |

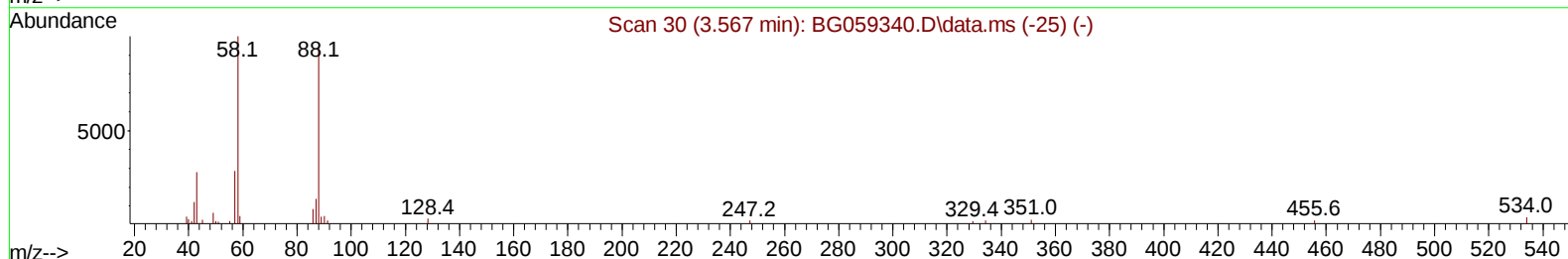
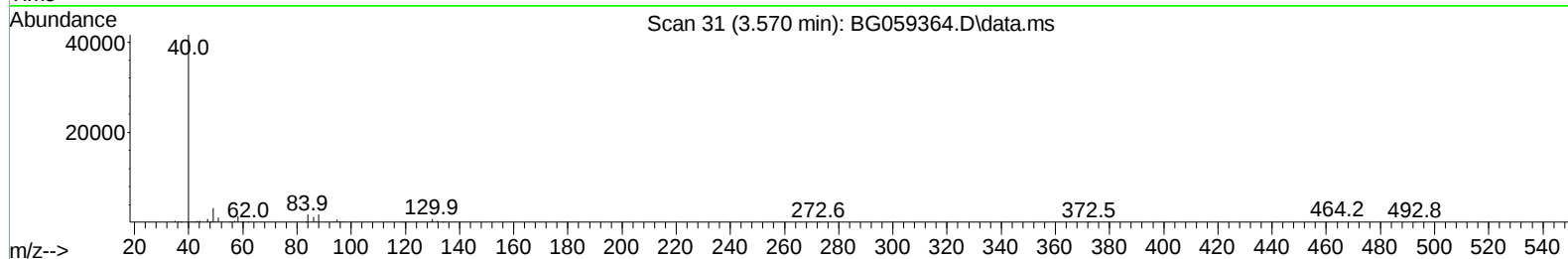
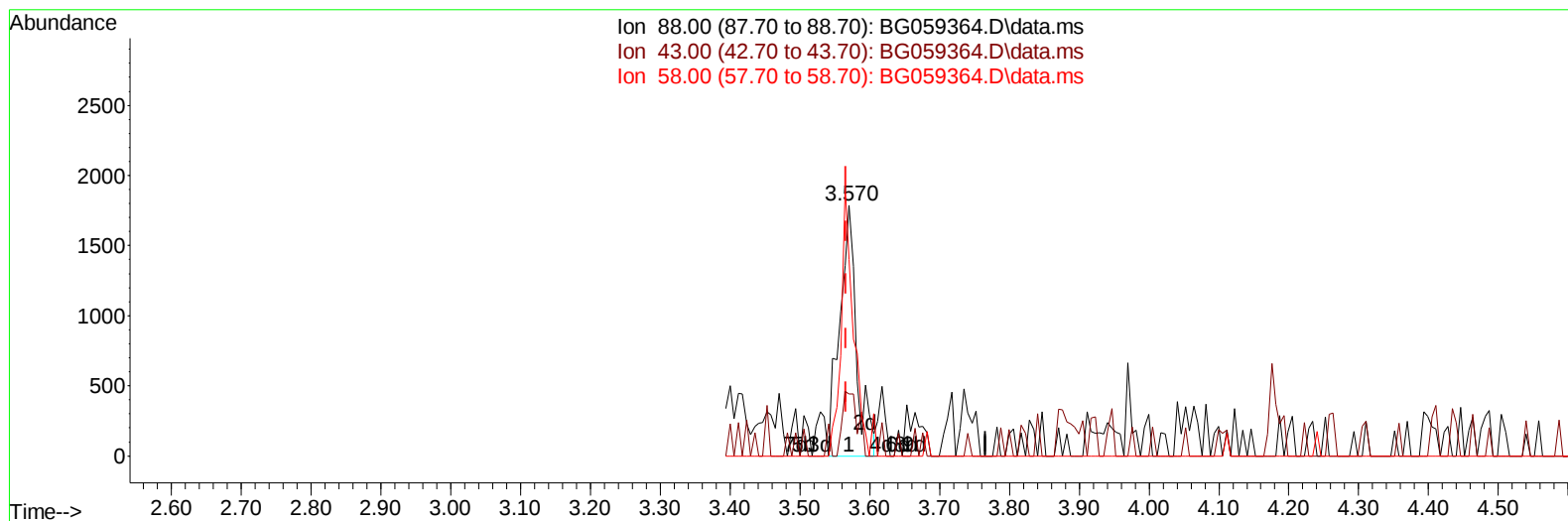
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG100723\  
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Manual IntegrationsAPPROVED

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TIC: BG059364.D\data.ms

(2) 1,4-Dioxane

3.570min (+ 0.004) 2.44 ng/uL m

response 3014

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 88.00 | 100.00 | 100.00 |
| 43.00 | 31.70  | 24.73# |
| 58.00 | 105.80 | 78.57# |
| 0.00  | 0.00   | 0.00   |

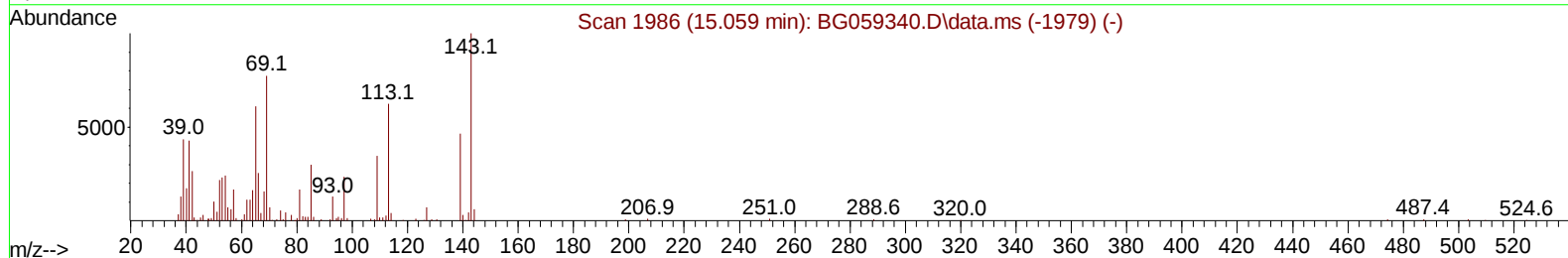
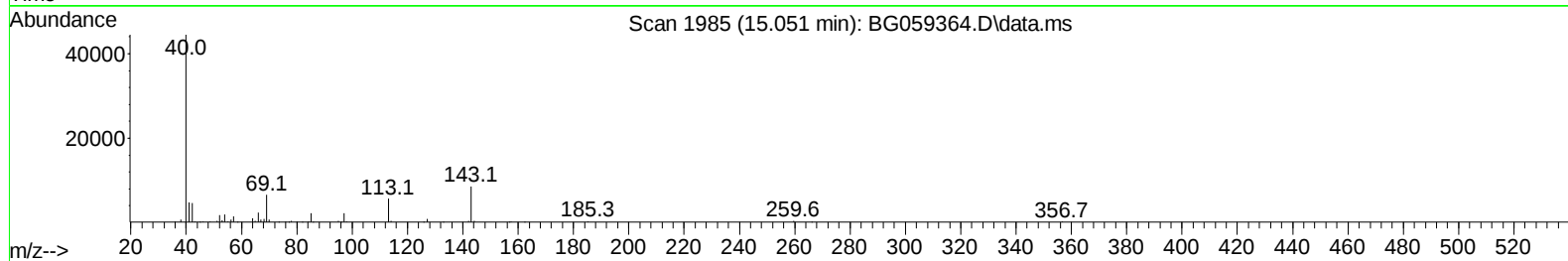
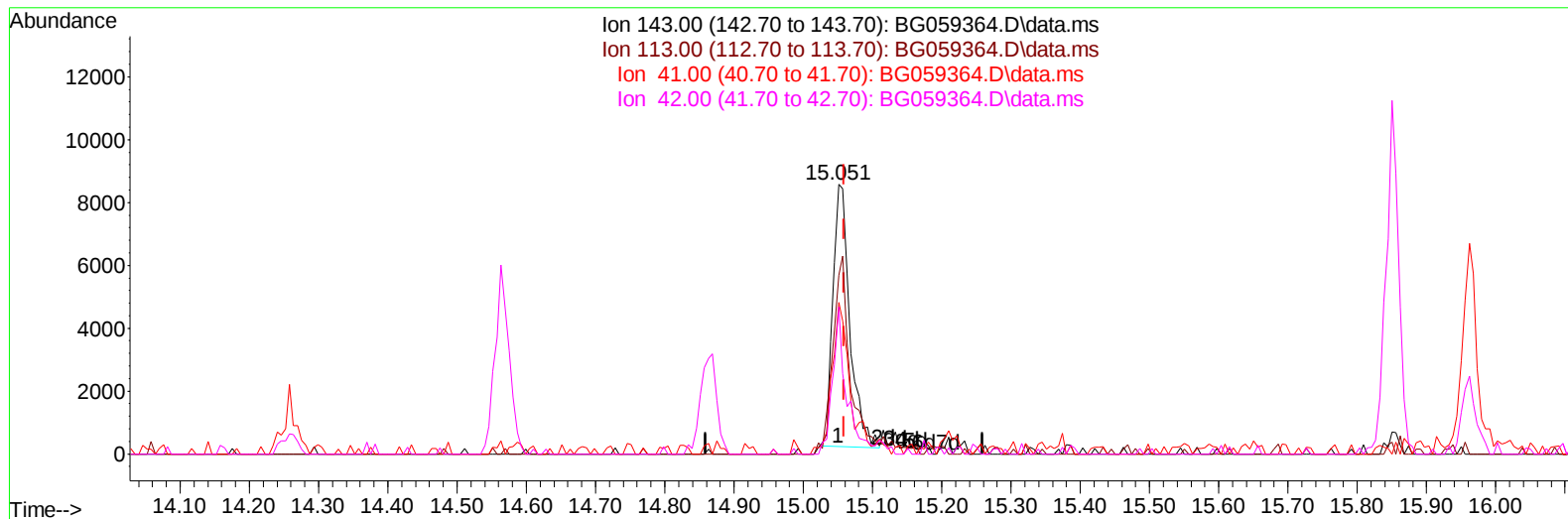
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG100723\  
Data File : BG059364.D  
Acq On : 8 Oct 2023 6:27  
Operator : MA/JU  
Sample : 04607-13  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
BBHC5

Manual IntegrationsAPPROVED

Quant Time: Oct 09 01:07:53 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG100723.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Sat Oct 07 22:45:22 2023  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 10/09/2023  
Supervised By :mohammad ahmed 10/09/2023



TIC: BG059364.D\data.ms

(54) 4-Nitrophenol-d4 (S)

15.051min (-0.008) 6.81 ng/u1

response 14103

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 143.00 | 100.00 | 100.00 |
| 113.00 | 62.30  | 66.29  |
| 41.00  | 43.70  | 56.22# |
| 42.00  | 26.40  | 54.57# |

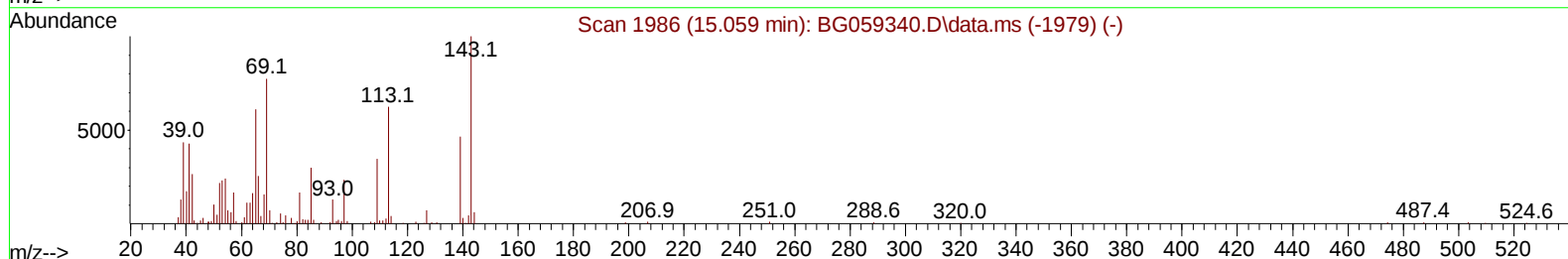
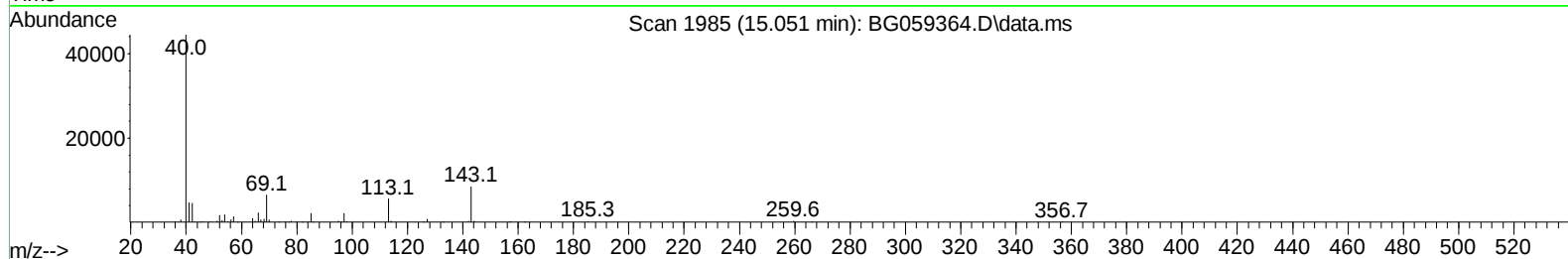
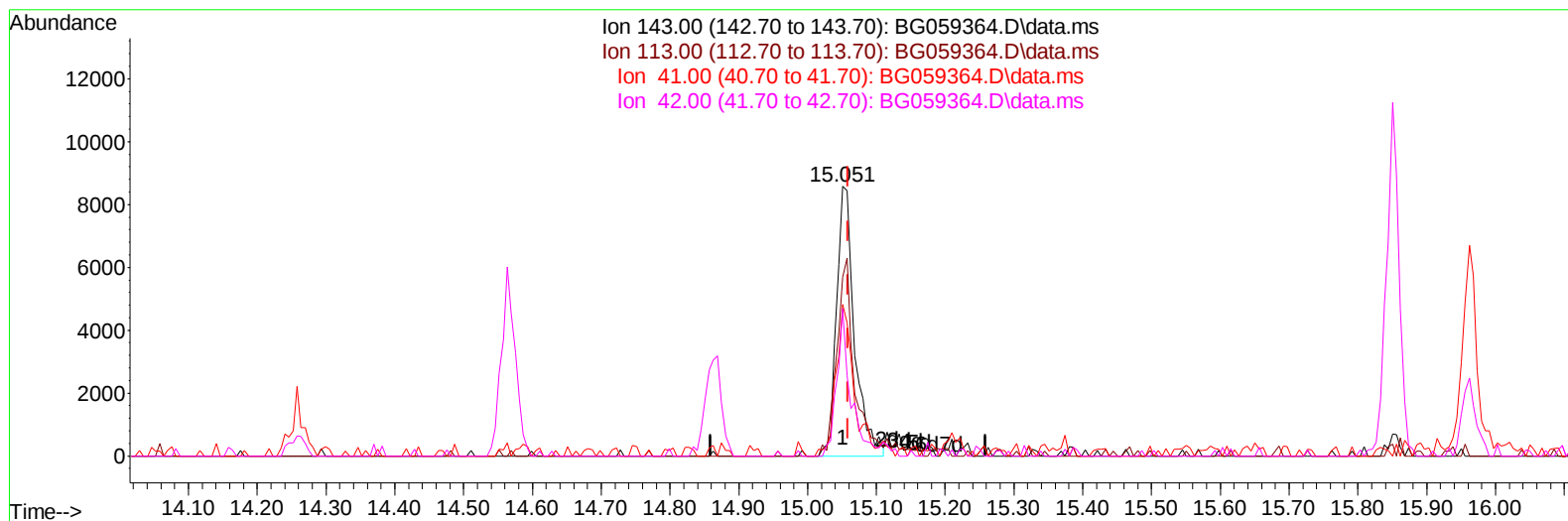
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG100723\  
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Operator : MA/JU  
Sample : 04607-13  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
BBHC5

Manual IntegrationsAPPROVED

Quant Time: Oct 09 01:07:53 2023  
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Quant Title : SVOA CALIBRATION  
QLast Update : Sat Oct 07 22:45:22 2023  
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TIC: BG059364.D\data.ms

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

**15.051min (-0.008) 7.45 ng/ul m**

**response 15432**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 143.00 | 100.00 | 100.00 |
| 113.00 | 62.30  | 66.29  |
| 41.00  | 43.70  | 56.22# |
| 42.00  | 26.40  | 54.57# |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG100723\  
 Data File : BG059364.D  
 Acq On : 8 Oct 2023 6:27  
 Operator : MA/JU  
 Sample : 04607-13  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 BBHC5

## Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/09/2023  
 Supervised By :mohammad ahmed 10/09/2023

Quant Time: Oct 09 01:08:38 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG100723.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sat Oct 07 22:45:22 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.230  | 152  | 41214    | 20.000 | ng/ul | 0.00     |
| 20) Naphthalene-d8            | 11.067 | 136  | 201082   | 20.000 | ng/ul | 0.00     |
| 38) Acenaphthene-d10          | 14.863 | 164  | 134889   | 20.000 | ng/ul | 0.00     |
| 64) Phenanthrene-d10          | 17.613 | 188  | 318397   | 20.000 | ng/ul | 0.00     |
| 79) Chrysene-d12              | 21.914 | 240  | 280138   | 20.000 | ng/ul | 0.00     |
| 88) Perylene-d12              | 25.398 | 264  | 331772   | 20.000 | ng/ul | # 0.00   |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 3) 1,4-Dioxane-d8             | 3.529  | 96   | 5829     | 5.043  | ng/uL | 0.00     |
| 4) Pyridine-d5                | 3.964  | 84   | 35670    | 10.721 | ng/ul | 0.00     |
| 7) Phenol-d5                  | 7.354  | 99   | 35522    | 7.806  | ng/ul | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.548  | 67   | 106263   | 41.313 | ng/ul | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.748  | 132  | 99962    | 31.408 | ng/ul | 0.00     |
| 15) 4-Methylphenol-d8         | 8.923  | 113  | 68557    | 19.336 | ng/ul | 0.00     |
| 21) Nitrobenzene-d5           | 9.428  | 128  | 73088    | 42.698 | ng/ul | 0.00     |
| 24) 2-Nitrophenol-d4          | 10.145 | 143  | 75939    | 40.988 | ng/ul | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.674 | 165  | 125954   | 37.665 | ng/ul | 0.00     |
| 31) 4-Chloroaniline-d4        | 11.214 | 131  | 145583   | 27.407 | ng/ul | 0.00     |
| 46) Dimethylphthalate-d6      | 14.258 | 166  | 522228   | 47.256 | ng/ul | 0.00     |
| 49) Acenaphthylene-d8         | 14.569 | 160  | 586631   | 44.607 | ng/ul | 0.00     |
| 54) 4-Nitrophenol-d4          | 15.051 | 143  | 15432m   | 7.452  | ng/ul | 0.00     |
| 60) Fluorene-d10              | 15.850 | 176  | 486318   | 46.103 | ng/ul | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.968 | 200  | 98499    | 46.855 | ng/ul | 0.00     |
| 73) Anthracene-d10            | 17.713 | 188  | 802266   | 51.365 | ng/ul | 0.00     |
| 81) Pyrene-d10                | 19.986 | 212  | 925302   | 54.524 | ng/ul | 0.00     |
| 92) Benzo(a)pyrene-d12        | 25.157 | 264  | 934421   | 53.523 | ng/ul | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
| 2) 1,4-Dioxane                | 3.570  | 88   | 3014m    | 2.443  | ng/uL | Qvalue   |
| -----                         |        |      |          |        |       |          |

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

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