

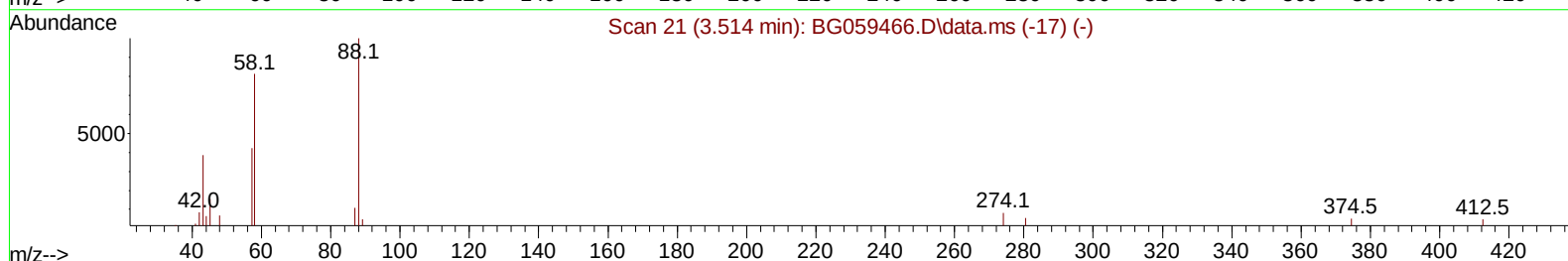
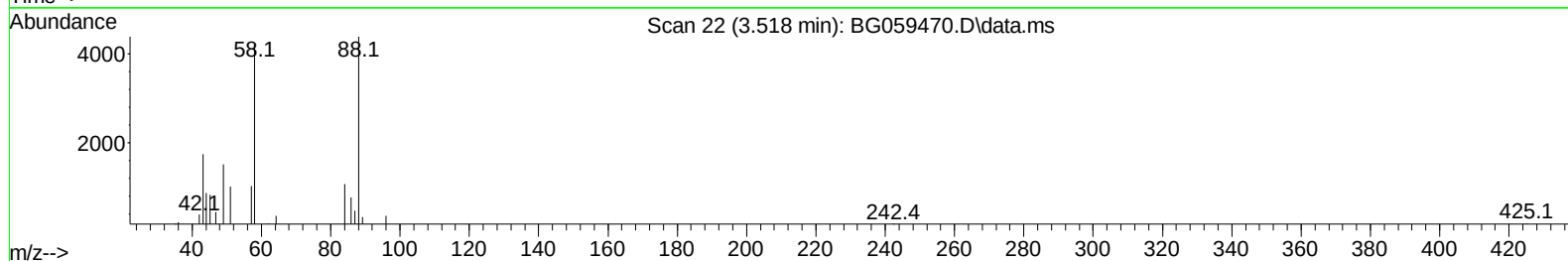
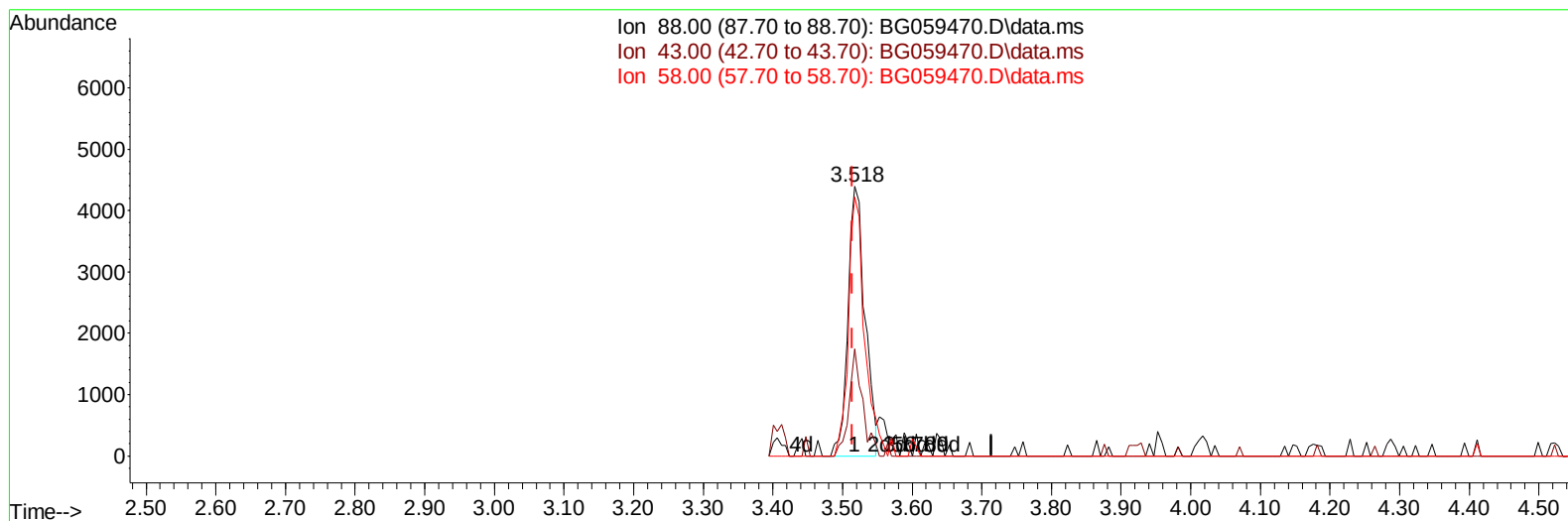
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG101723\  
 Data File : BG059470.D  
 Acq On : 17 Oct 2023 23:45  
 Operator : MA/JU  
 Sample : SSTDICV020  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SICV419

## Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/18/2023  
 Supervised By :mohammad ahmed 10/19/2023

Quant Time: Oct 18 04:36:32 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG101723.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Oct 18 04:32:22 2023  
 Response via : Initial Calibration



TIC: BG059470.D\data.ms

## (2) 1,4-Dioxane

3.518min (+ 0.004) 7.59 ng/uL

response 7469

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 88.00 | 100.00 | 100.00 |
| 43.00 | 38.50  | 39.74  |
| 58.00 | 81.20  | 96.08  |
| 0.00  | 0.00   | 0.00   |

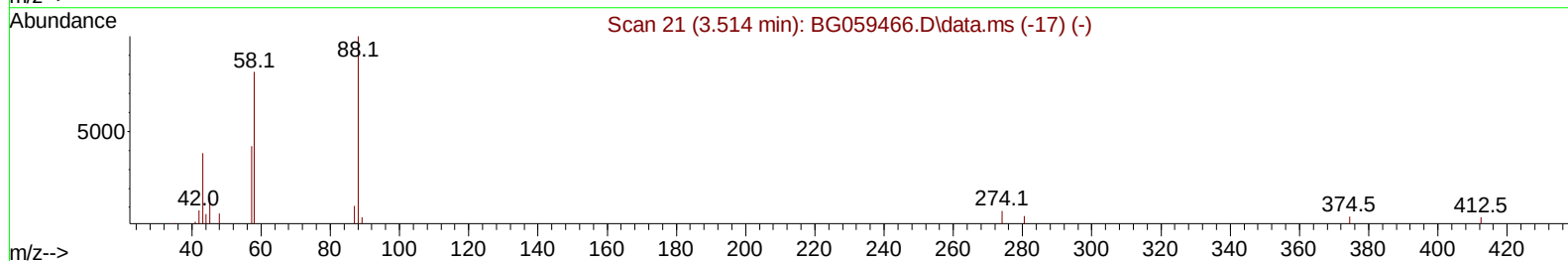
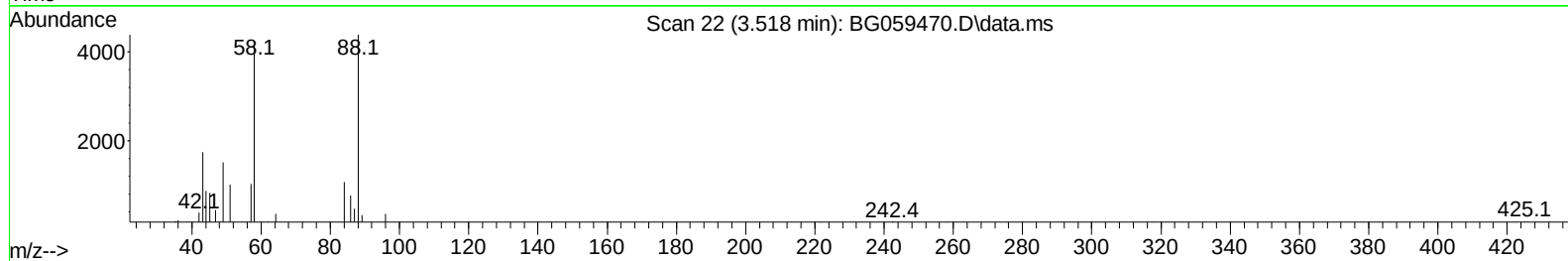
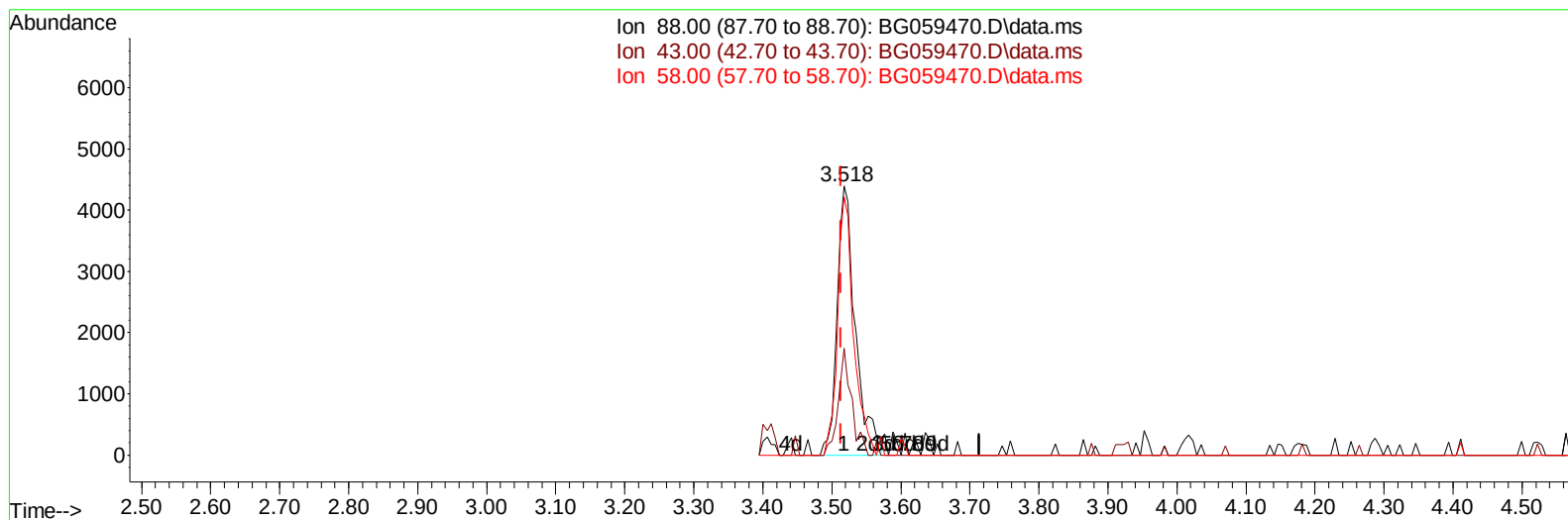
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG101723\  
 Data File : BG059470.D  
 Acq On : 17 Oct 2023 23:45  
 Operator : MA/JU  
 Sample : SSTDICV020  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SICV419

Manual IntegrationsAPPROVED

Quant Time: Oct 18 04:36:32 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG101723.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Oct 18 04:32:22 2023  
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Reviewed By :Yogesh Patel 10/18/2023  
 Supervised By :mohammad ahmed 10/19/2023



TIC: BG059470.D\data.ms

(2) 1,4-Dioxane

3.518min (+ 0.004) 8.22 ng/uL m

response 8097

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 88.00 | 100.00 | 100.00 |
| 43.00 | 38.50  | 39.74  |
| 58.00 | 81.20  | 96.08  |
| 0.00  | 0.00   | 0.00   |

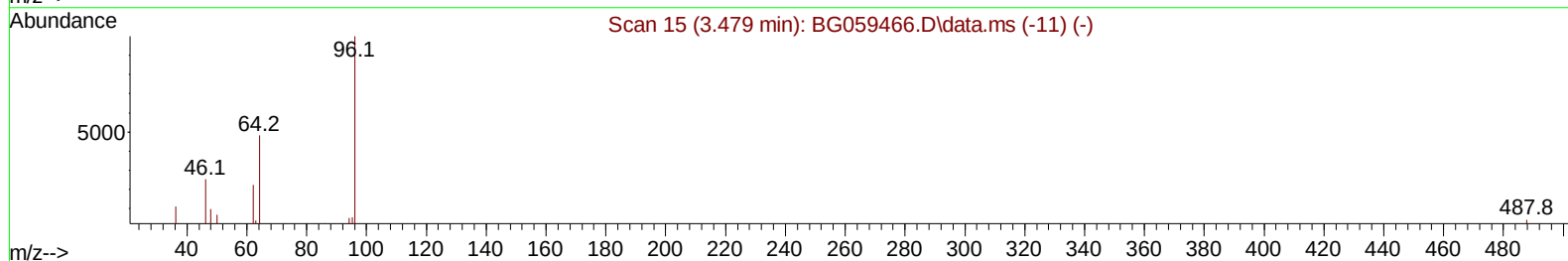
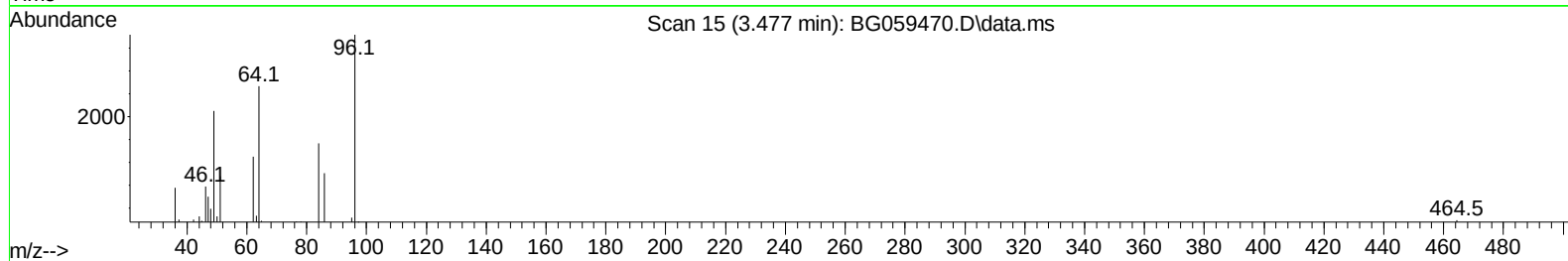
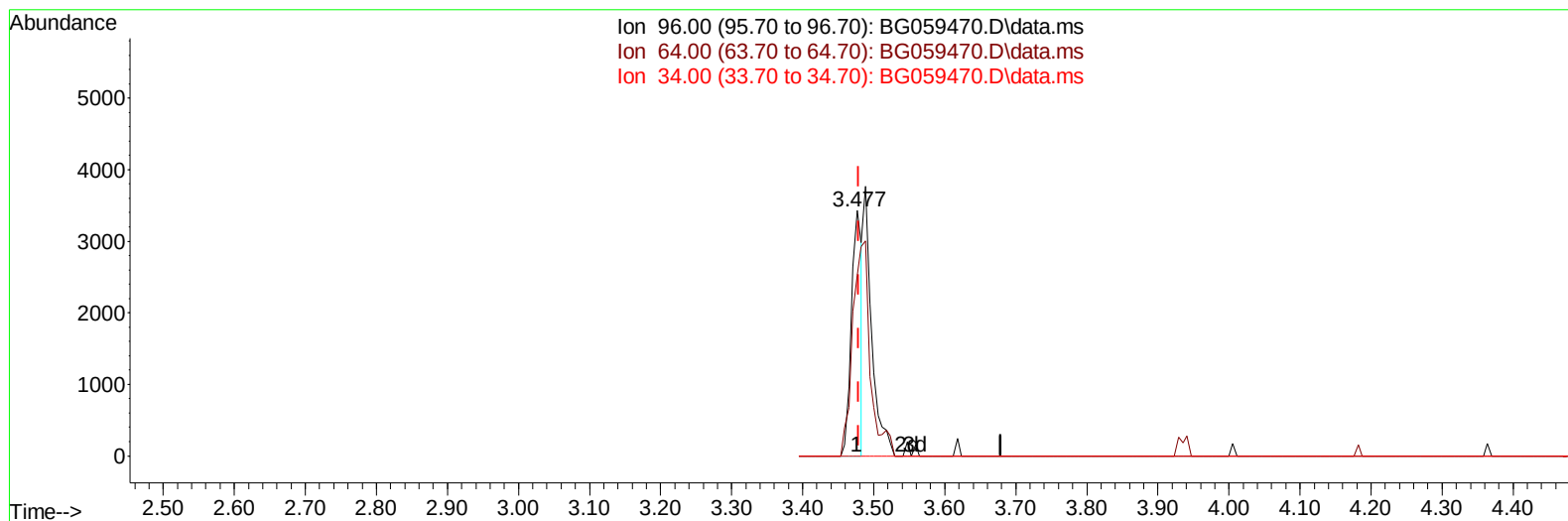
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG101723\  
 Data File : BG059470.D  
 Acq On : 17 Oct 2023 23:45  
 Operator : MA/JU  
 Sample : SSTDICV020  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SICV419

## Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/18/2023  
 Supervised By :mohammad ahmed 10/19/2023

Quant Time: Oct 18 04:37:29 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG101723.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Oct 18 04:32:22 2023  
 Response via : Initial Calibration



TIC: BG059470.D\data.ms

**(3) 1,4-Dioxane-d8 (S)**

3.477min (-0.002) 4.41 ng/uL

response 3586

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 96.00 | 100.00 | 100.00 |
| 64.00 | 48.20  | 73.77# |
| 34.00 | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

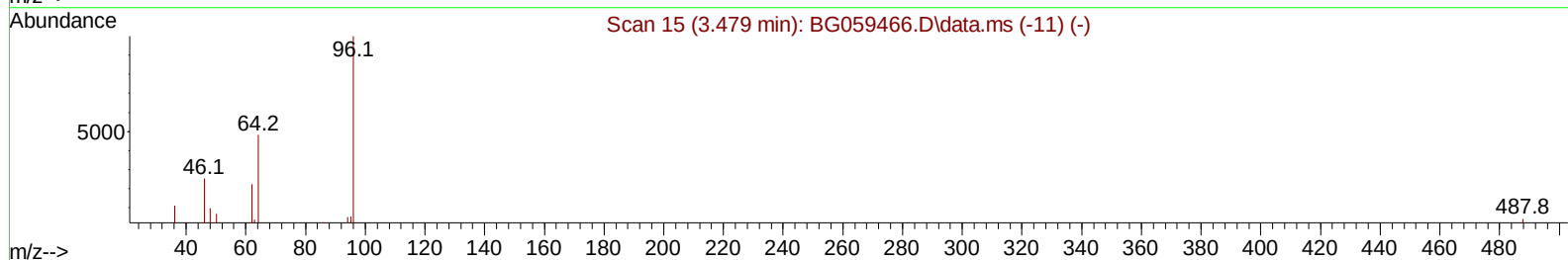
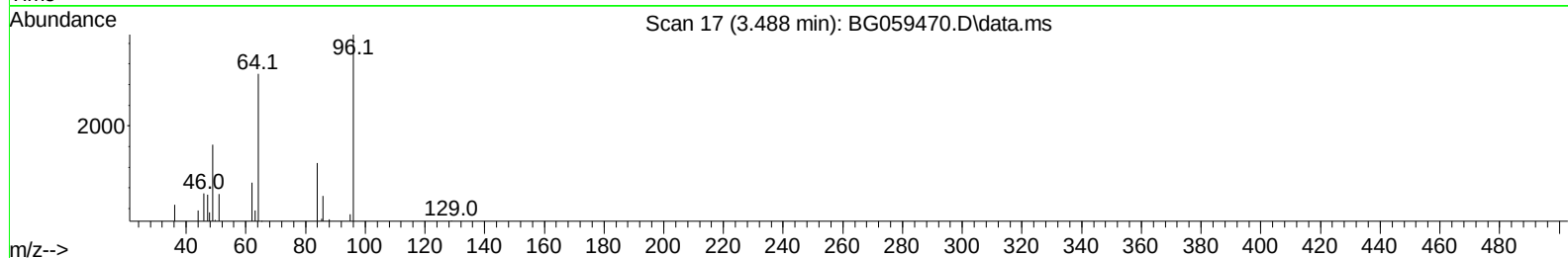
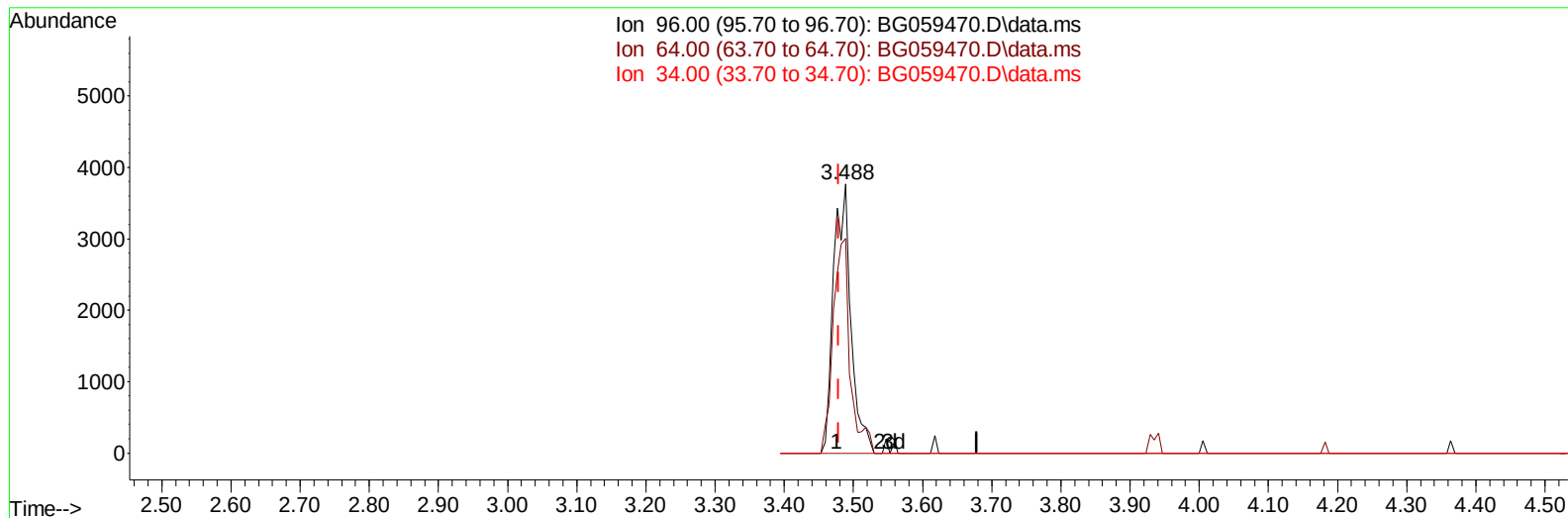
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG101723\  
Data File : BG059470.D  
Acq On : 17 Oct 2023 23:45  
Operator : MA/JU  
Sample : SSTDICV020  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
SICV419

## Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/18/2023  
Supervised By :mohammad ahmed 10/19/2023

Quant Time: Oct 18 04:37:29 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG101723.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Wed Oct 18 04:32:22 2023  
Response via : Initial Calibration



TIC: BG059470.D\data.ms

**(3) 1,4-Dioxane-d8 (S)**

3.488min (+ 0.009) 8.11 ng/uL m

response 6603

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 96.00 | 100.00 | 100.00 |
| 64.00 | 48.20  | 79.71# |
| 34.00 | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

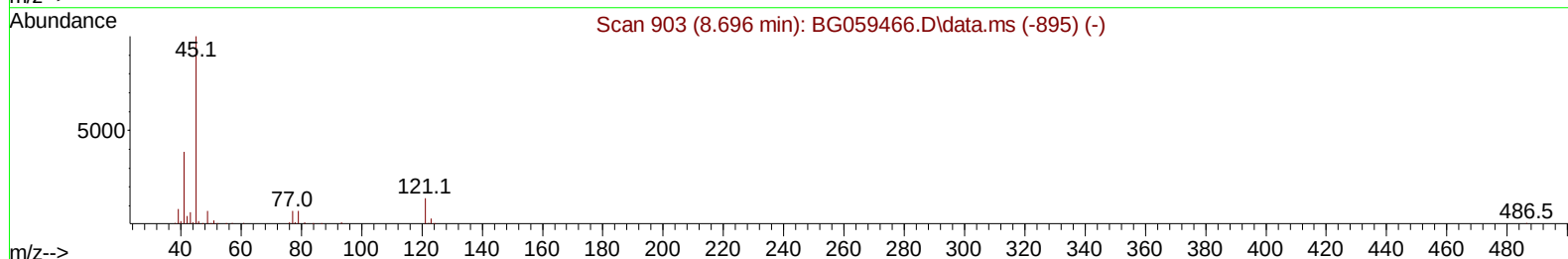
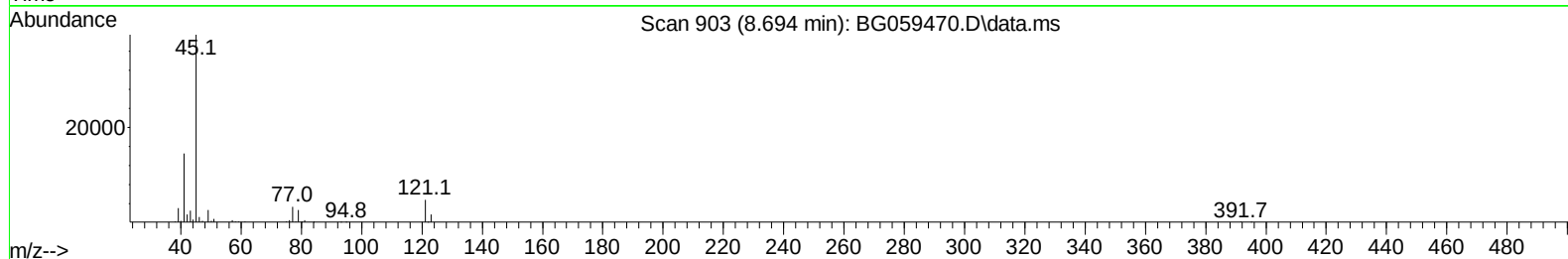
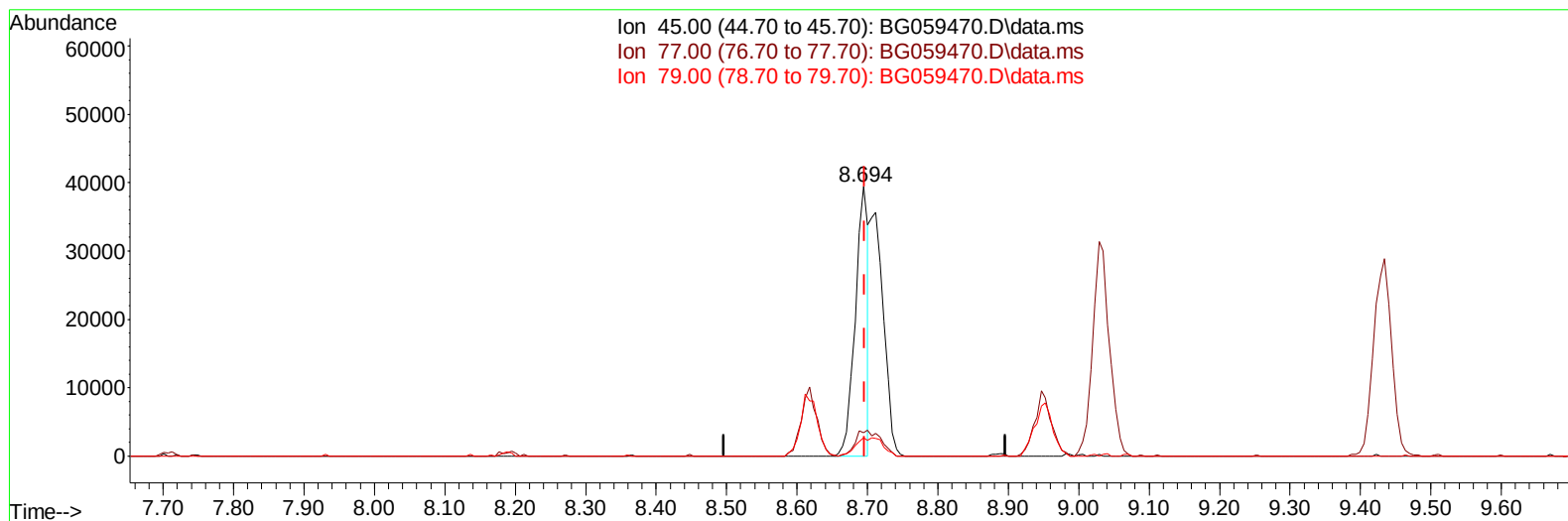
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG101723\  
 Data File : BG059470.D  
 Acq On : 17 Oct 2023 23:45  
 Operator : MA/JU  
 Sample : SSTDICV020  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SICV419

Manual IntegrationsAPPROVED

Quant Time: Oct 18 04:37:49 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG101723.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Oct 18 04:32:22 2023  
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 10/18/2023  
 Supervised By :mohammad ahmed 10/19/2023



TIC: BG059470.D\data.ms

(14) 2,2'-oxybis(1-Chloropropane)

8.694min (-0.002) 10.34 ng/u1

response 50247

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 45.00 | 100.00 | 100.00 |
| 77.00 | 8.00   | 8.53   |
| 79.00 | 8.00   | 6.70   |
| 0.00  | 0.00   | 0.00   |

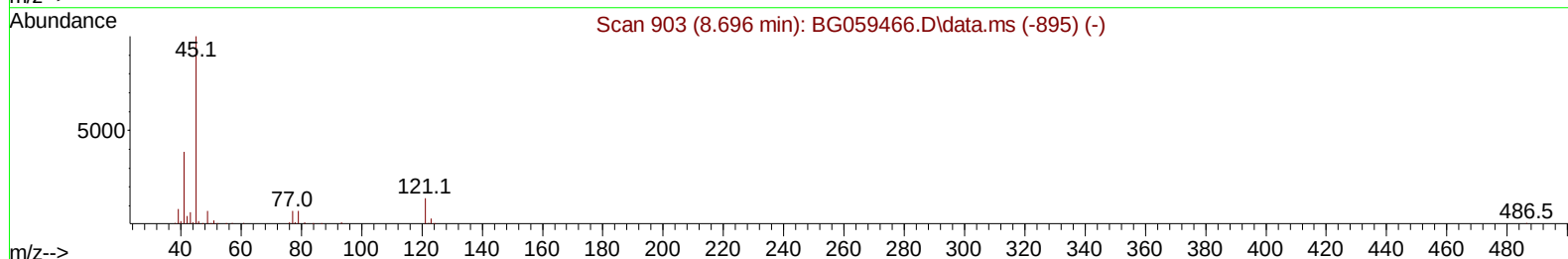
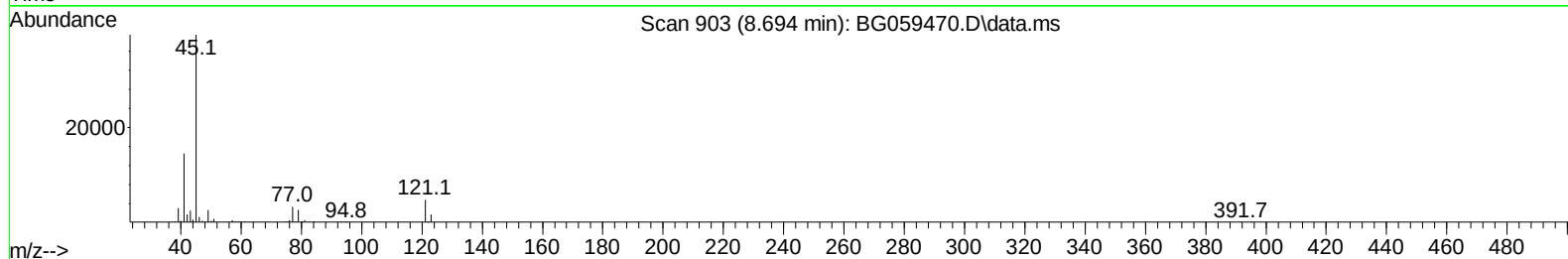
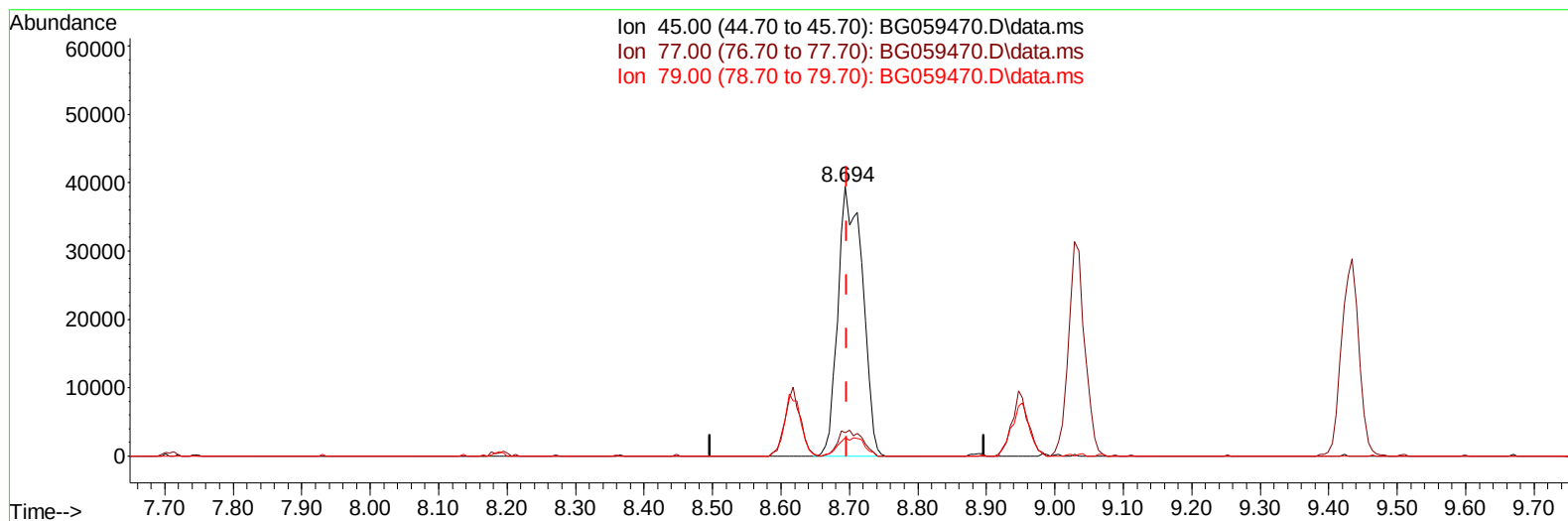
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG101723\  
 Data File : BG059470.D  
 Acq On : 17 Oct 2023 23:45  
 Operator : MA/JU  
 Sample : SSTDICV020  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SICV419

Manual IntegrationsAPPROVED

Quant Time: Oct 18 04:37:49 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG101723.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Oct 18 04:32:22 2023  
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 10/18/2023  
 Supervised By :mohammad ahmed 10/19/2023



TIC: BG059470.D\data.ms

**(14) 2,2'-oxybis(1-Chloropropane)**

**8.694min (-0.002) 20.09 ng/ul m**

**response 97650**

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 45.00 | 100.00 | 100.00 |
| 77.00 | 8.00   | 8.53   |
| 79.00 | 8.00   | 6.70   |
| 0.00  | 0.00   | 0.00   |

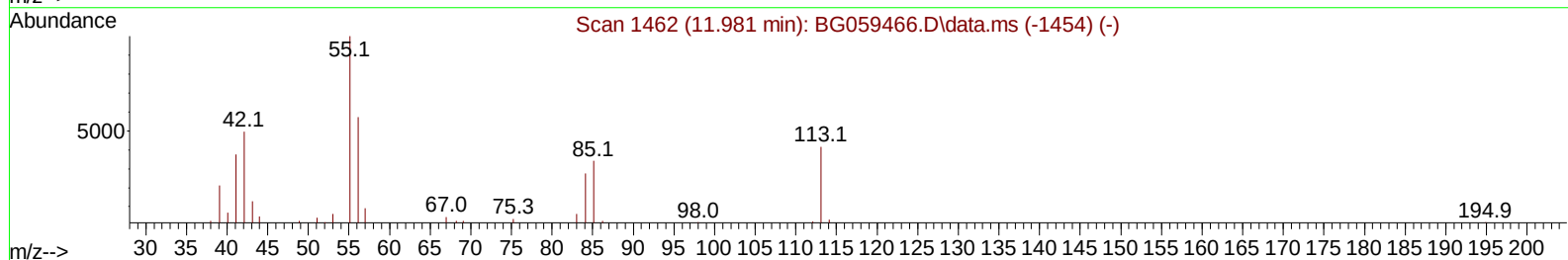
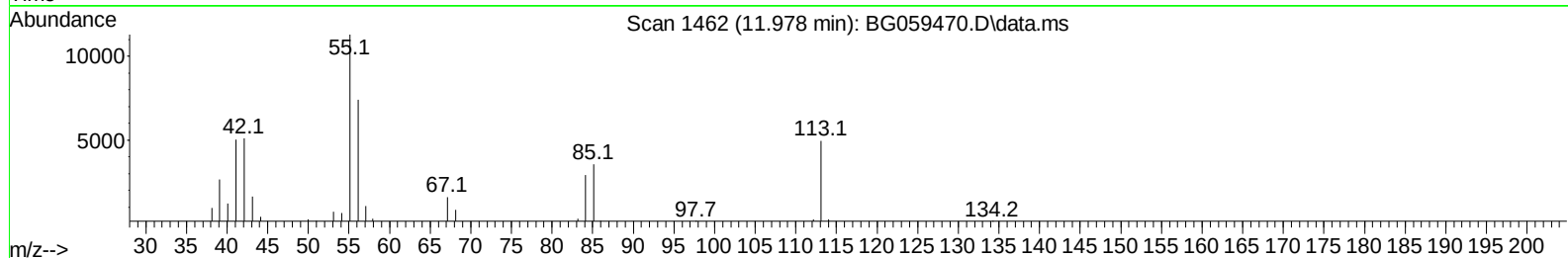
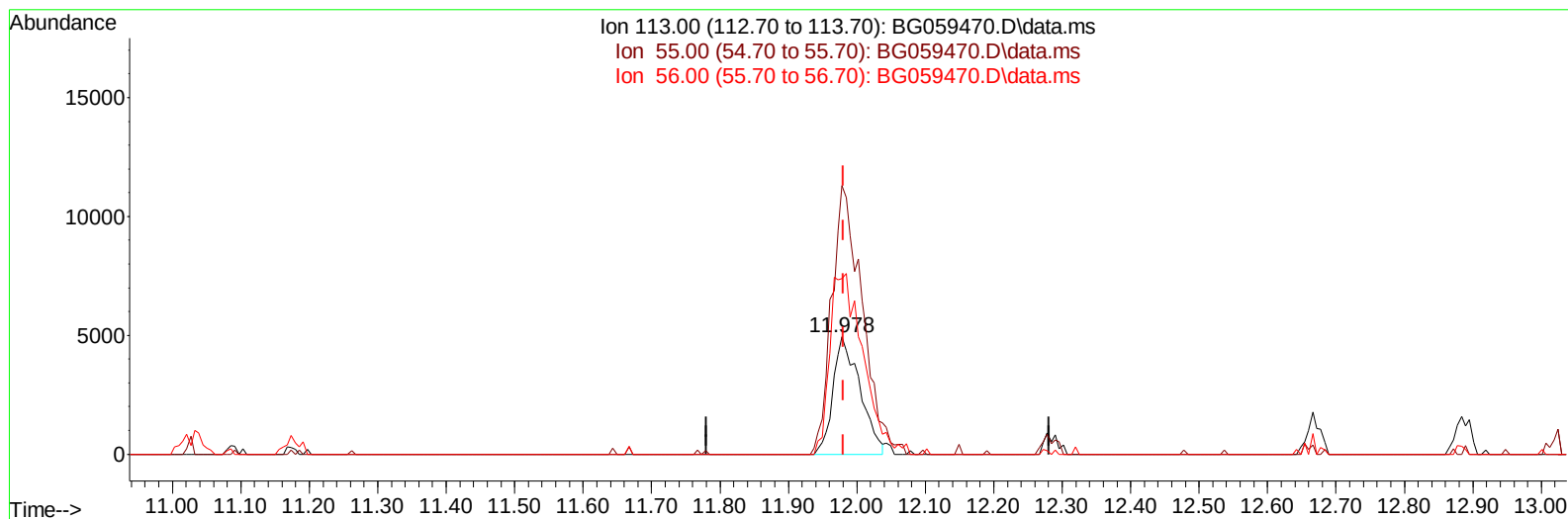
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG101723\  
 Data File : BG059470.D  
 Acq On : 17 Oct 2023 23:45  
 Operator : MA/JU  
 Sample : SSTDICV020  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SICV419

Manual IntegrationsAPPROVED

Quant Time: Oct 18 04:37:49 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG101723.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Oct 18 04:32:22 2023  
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 10/18/2023  
 Supervised By :mohammad ahmed 10/19/2023



TIC: BG059470.D\data.ms

**(34) Caprolactam**

11.978min (-0.002) 21.84 ng/ul

response 13481

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 113.00 | 100.00 | 100.00 |
| 55.00  | 239.70 | 228.10 |
| 56.00  | 137.00 | 149.35 |
| 0.00   | 0.00   | 0.00   |

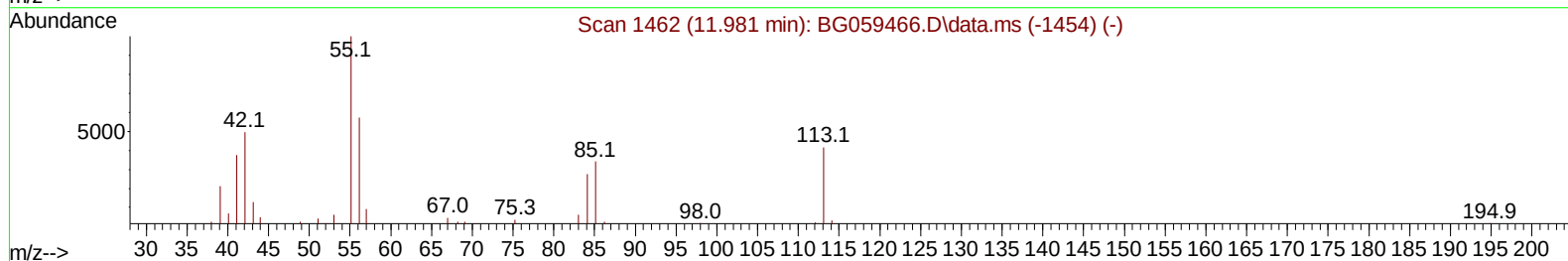
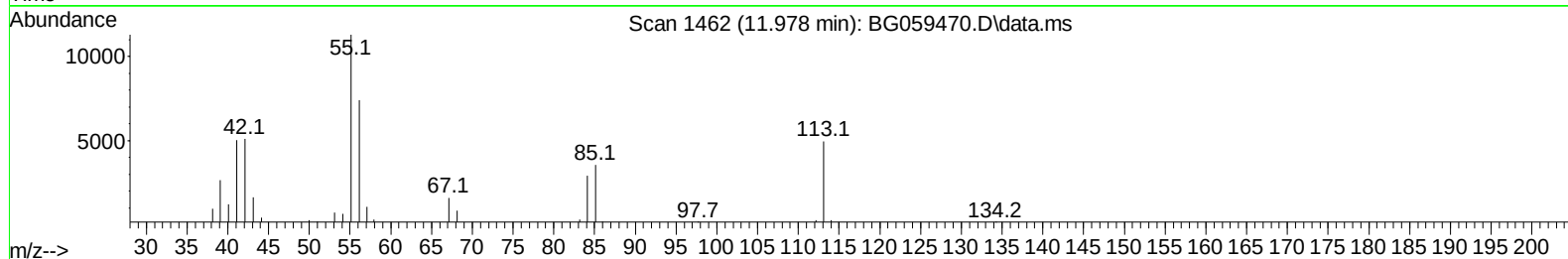
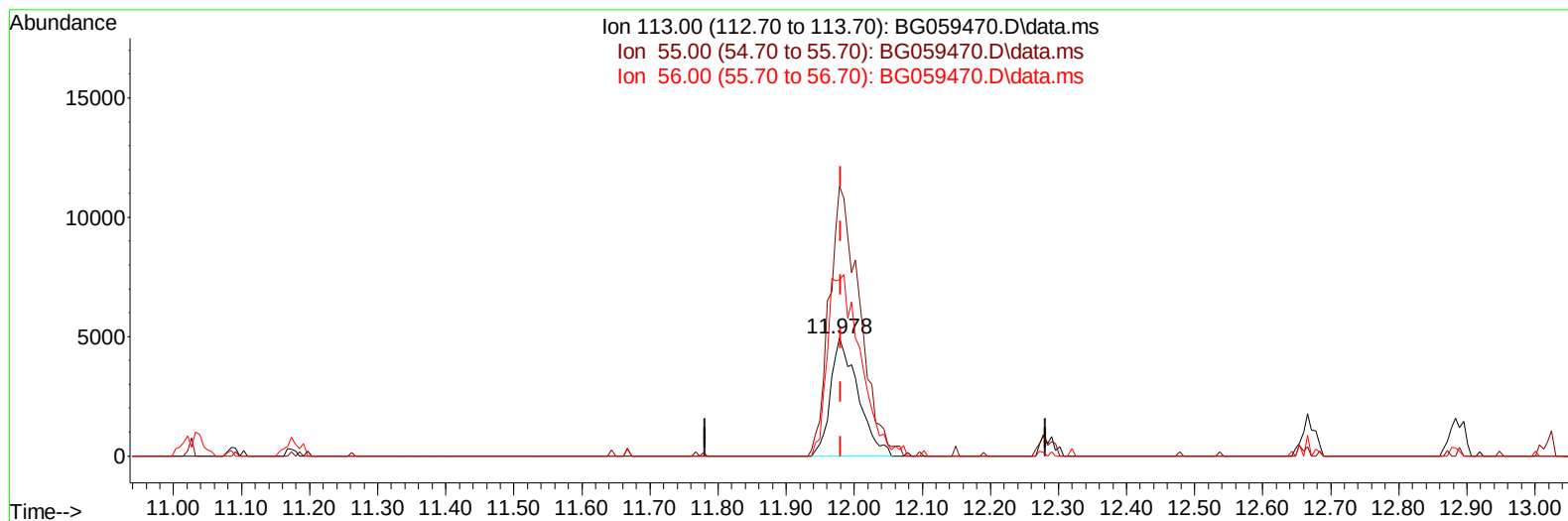
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG101723\  
 Data File : BG059470.D  
 Acq On : 17 Oct 2023 23:45  
 Operator : MA/JU  
 Sample : SSTDICV020  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SICV419

Manual IntegrationsAPPROVED

Quant Time: Oct 18 04:38:31 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG101723.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Oct 18 04:32:22 2023  
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 10/18/2023  
 Supervised By :mohammad ahmed 10/19/2023



TIC: BG059470.D\data.ms

**(34) Caprolactam**

11.978min (-0.002) 22.31 ng/ul m

response 13767

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 113.00 | 100.00 | 100.00 |
| 55.00  | 239.70 | 228.10 |
| 56.00  | 137.00 | 149.35 |
| 0.00   | 0.00   | 0.00   |



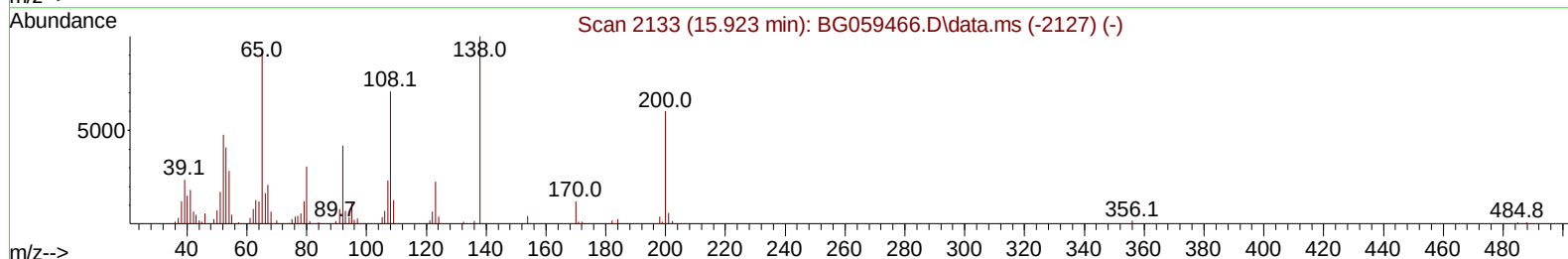
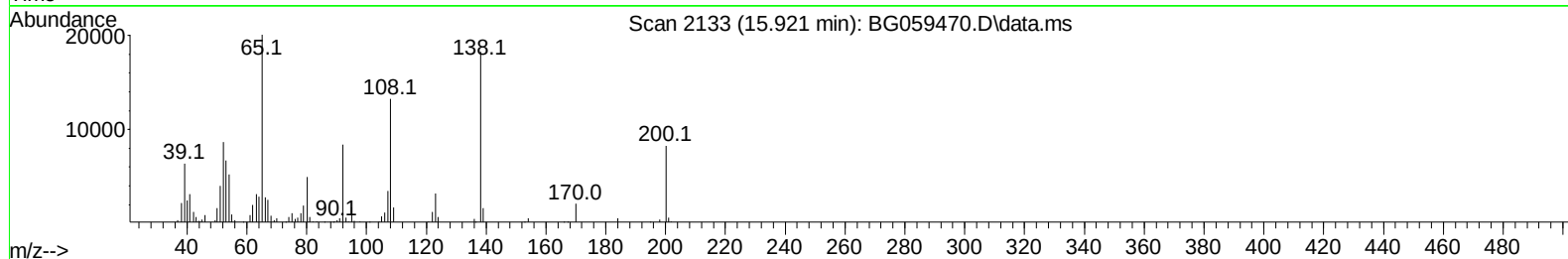
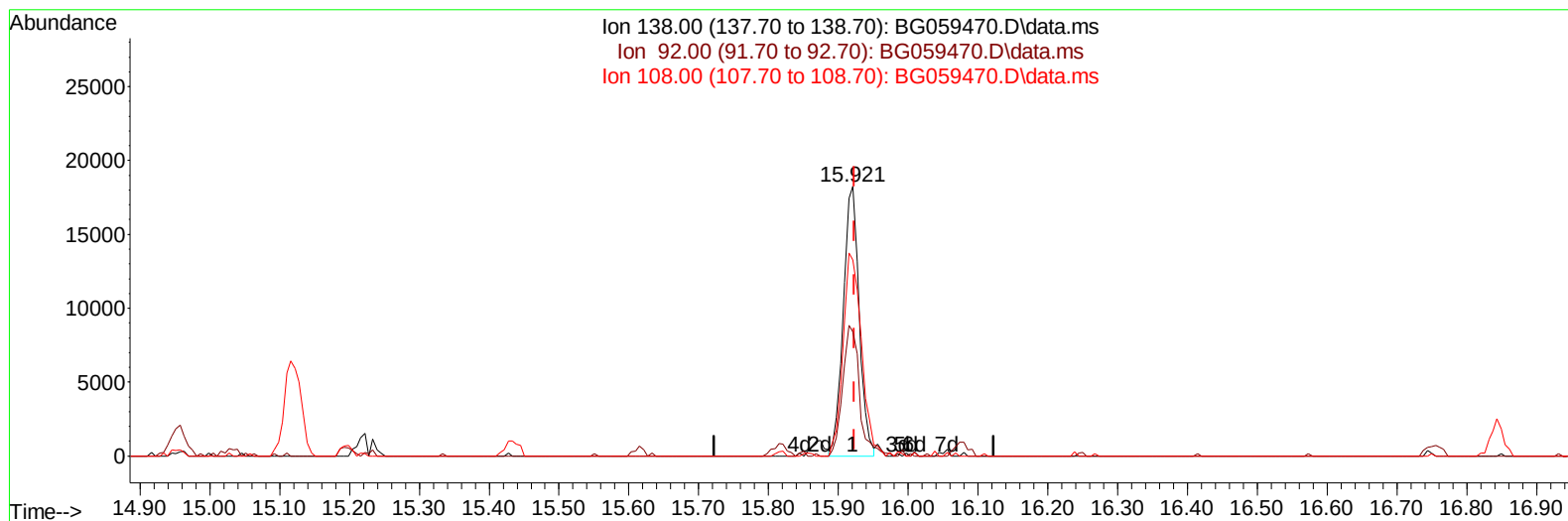
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG101723\  
 Data File : BG059470.D  
 Acq On : 17 Oct 2023 23:45  
 Operator : MA/JU  
 Sample : SSTDICV020  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SICV419

Manual IntegrationsAPPROVED

Quant Time: Oct 18 04:38:31 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG101723.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Oct 18 04:32:22 2023  
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 10/18/2023  
 Supervised By :mohammad ahmed 10/19/2023



TIC: BG059470.D\data.ms

**(63) 4-Nitroaniline**

**15.921min (-0.002) 21.92 ng/ul**

**response 28659**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 138.00 | 100.00 | 100.00 |
| 92.00  | 41.60  | 46.17  |
| 108.00 | 69.30  | 72.65  |
| 0.00   | 0.00   | 0.00   |

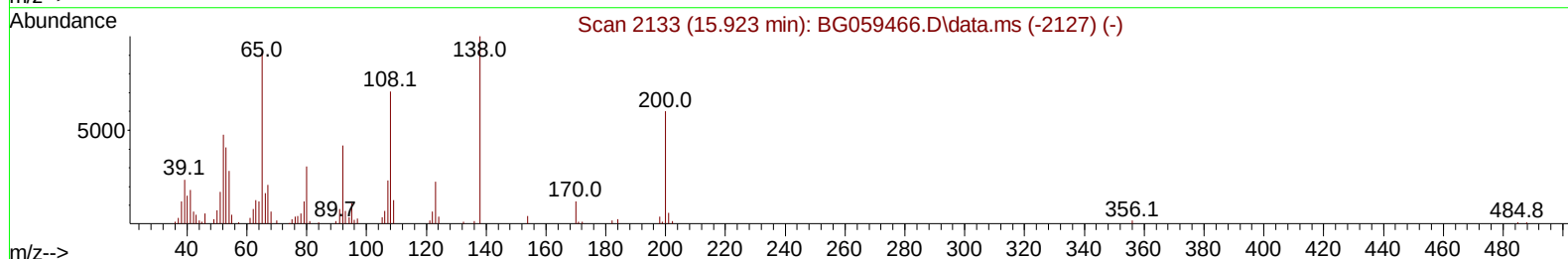
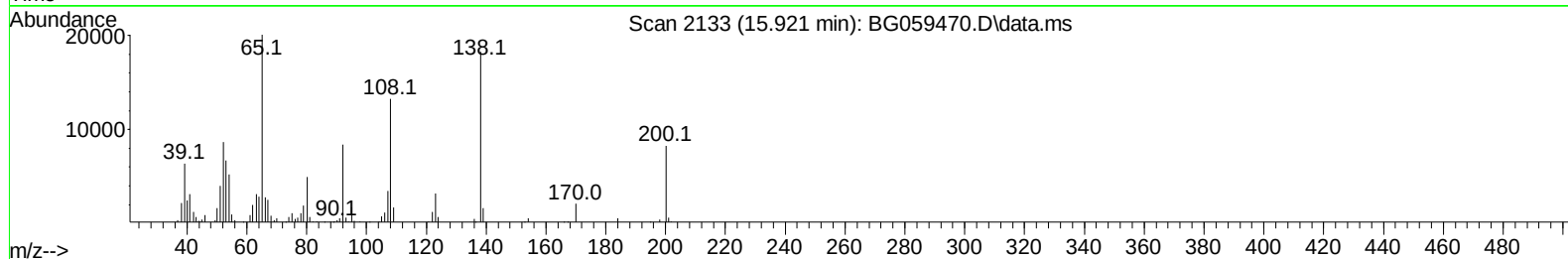
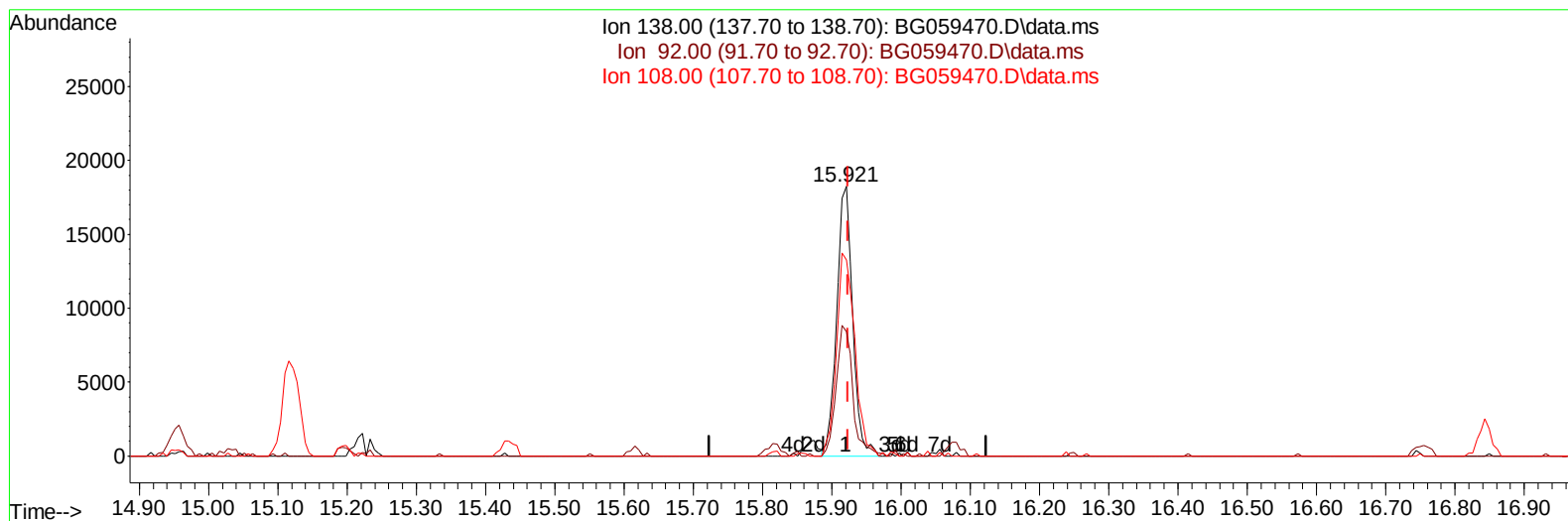
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG101723\  
 Data File : BG059470.D  
 Acq On : 17 Oct 2023 23:45  
 Operator : MA/JU  
 Sample : SSTDICV020  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SICV419

Manual IntegrationsAPPROVED

Quant Time: Oct 18 04:38:31 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG101723.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Oct 18 04:32:22 2023  
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 10/18/2023  
 Supervised By :mohammad ahmed 10/19/2023



TIC: BG059470.D\data.ms

**(63) 4-Nitroaniline**

**15.921min (-0.002) 22.25 ng/ul m**

**response 29082**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 138.00 | 100.00 | 100.00 |
| 92.00  | 41.60  | 46.17  |
| 108.00 | 69.30  | 72.65  |
| 0.00   | 0.00   | 0.00   |

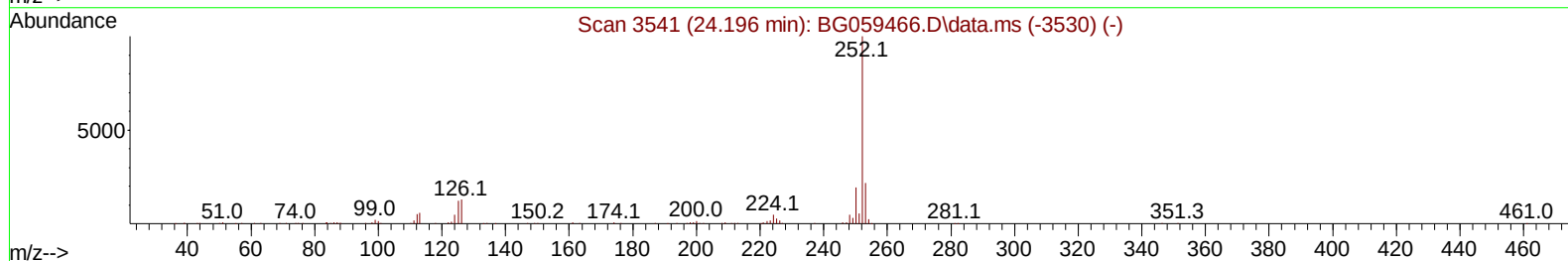
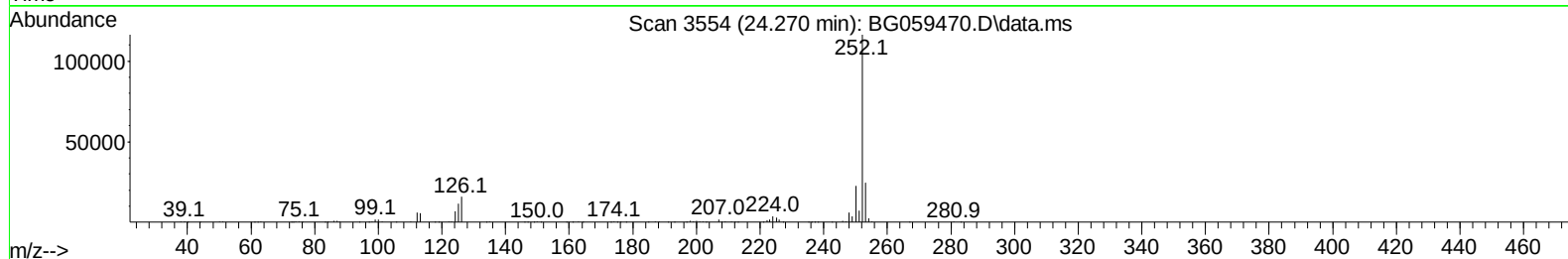
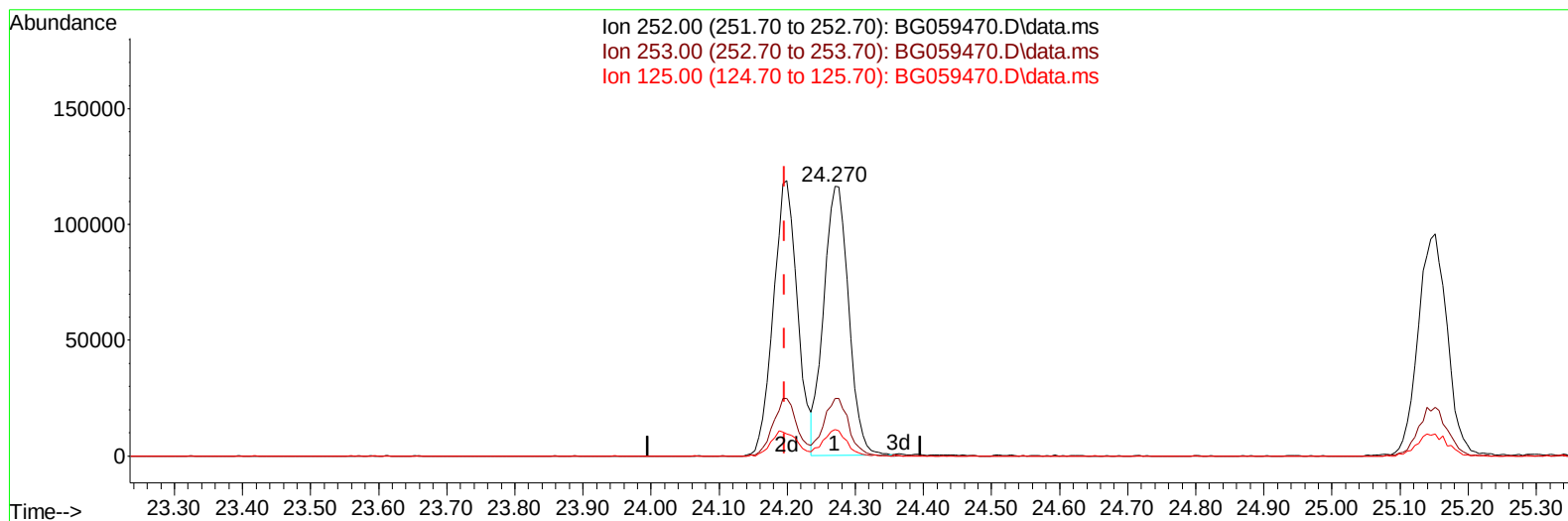
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG101723\  
 Data File : BG059470.D  
 Acq On : 17 Oct 2023 23:45  
 Operator : MA/JU  
 Sample : SSTDICV020  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SICV419

Manual IntegrationsAPPROVED

Quant Time: Oct 18 04:38:31 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG101723.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Oct 18 04:32:22 2023  
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 10/18/2023  
 Supervised By :mohammad ahmed 10/19/2023



TIC: BG059470.D\data.ms

**(90) Benzo(b)fluoranthene**

24.270min (+ 0.074) 20.98 ng/ul

response 296313

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 21.50  | 21.27  |
| 125.00 | 12.20  | 9.92   |
| 0.00   | 0.00   | 0.00   |

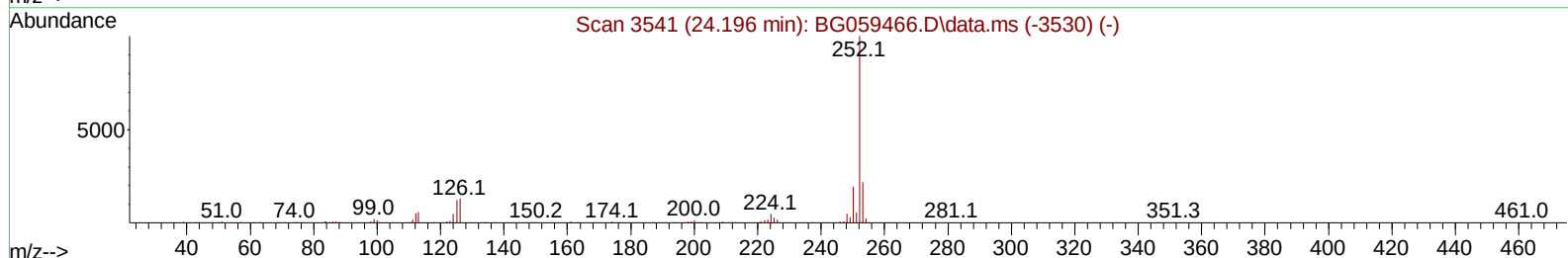
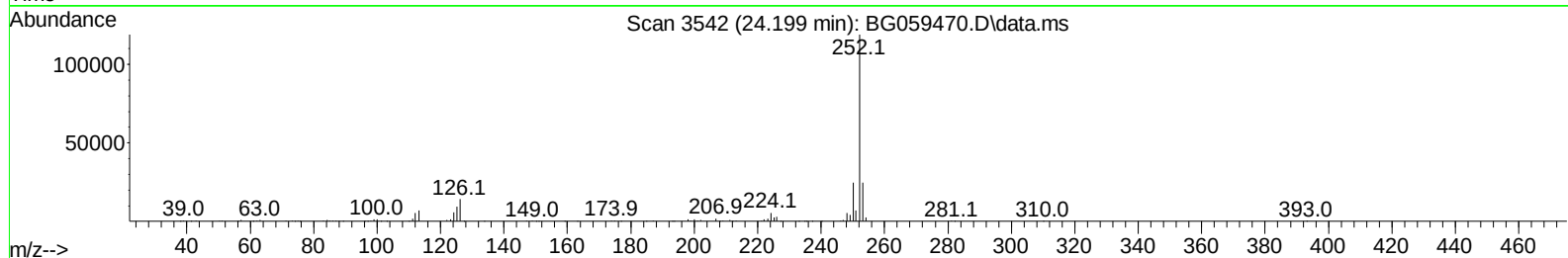
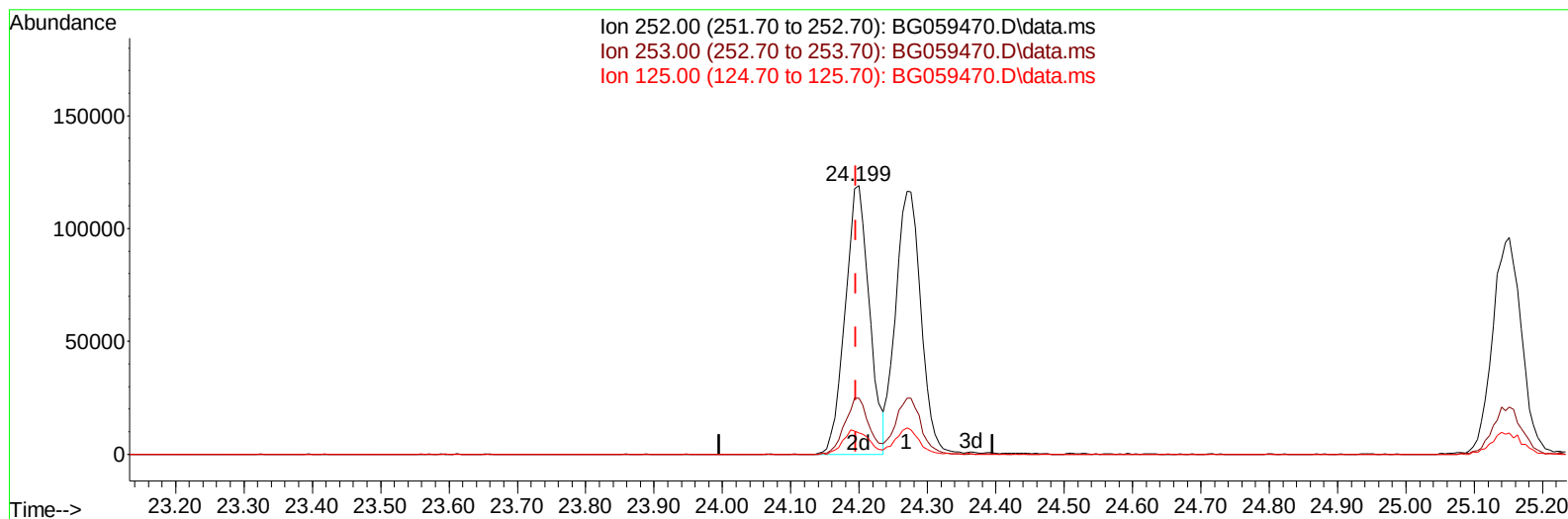
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG101723\  
 Data File : BG059470.D  
 Acq On : 17 Oct 2023 23:45  
 Operator : MA/JU  
 Sample : SSTDICV020  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SICV419

Manual IntegrationsAPPROVED

Quant Time: Oct 18 04:38:31 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG101723.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Oct 18 04:32:22 2023  
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 10/18/2023  
 Supervised By :mohammad ahmed 10/19/2023



TIC: BG059470.D\data.ms

**(90) Benzo(b)fluoranthene**

24.199min (+ 0.004) 20.77 ng/ul m

response 293376

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 21.50  | 20.82  |
| 125.00 | 12.20  | 7.96#  |
| 0.00   | 0.00   | 0.00   |

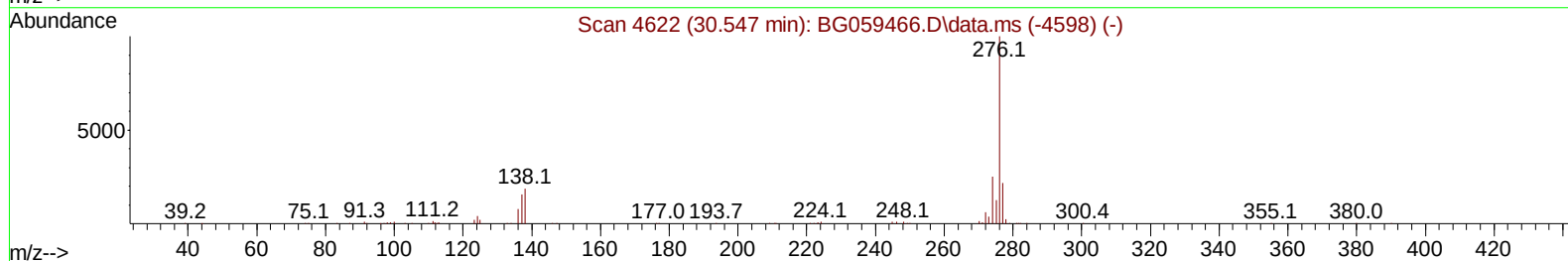
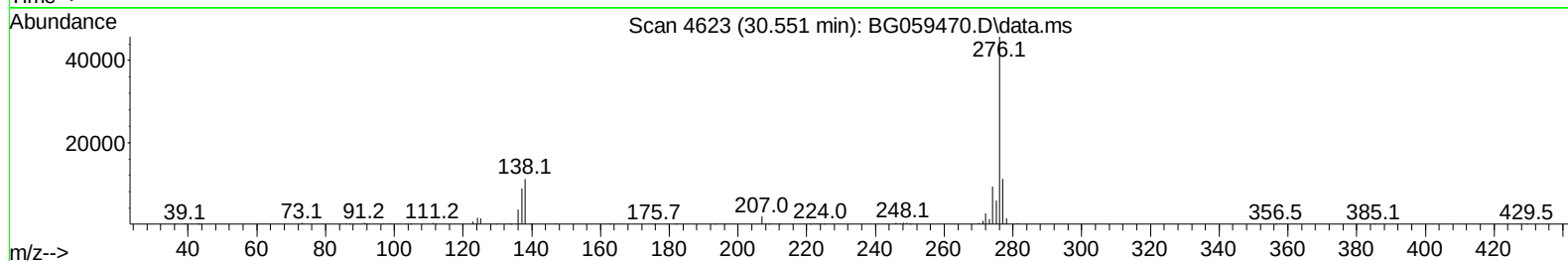
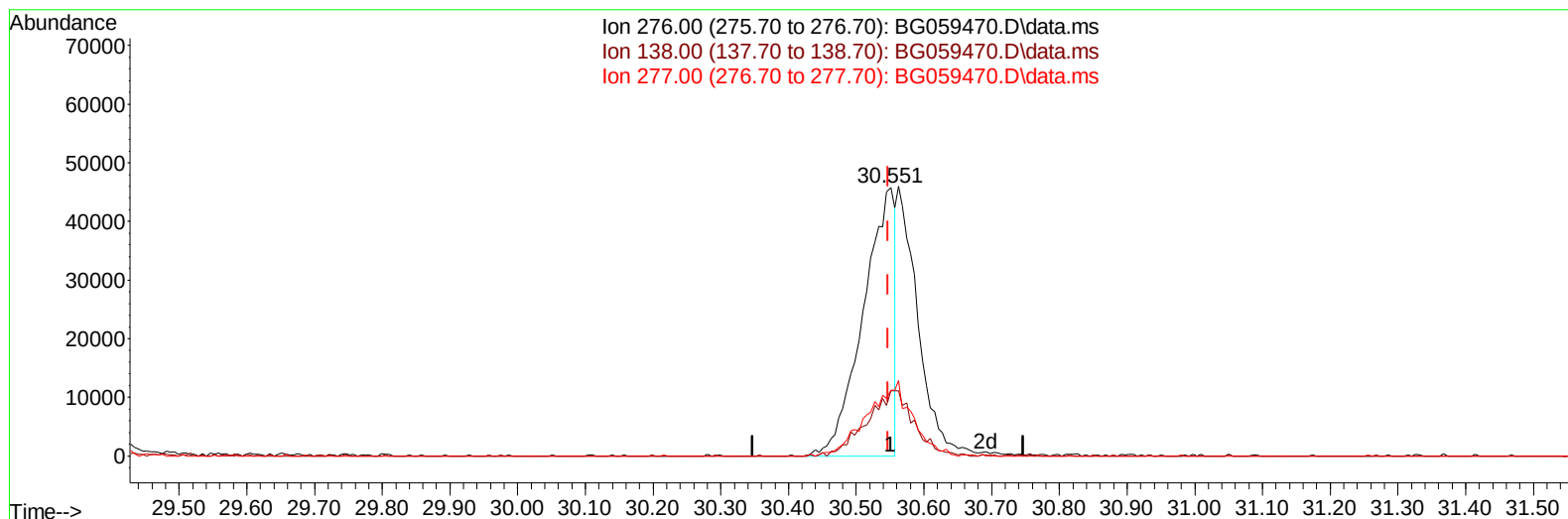
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG101723\  
 Data File : BG059470.D  
 Acq On : 17 Oct 2023 23:45  
 Operator : MA/JU  
 Sample : SSTDICV020  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SICV419

Manual IntegrationsAPPROVED

Quant Time: Oct 18 04:39:44 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG101723.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Oct 18 04:32:22 2023  
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 10/18/2023  
 Supervised By :mohammad ahmed 10/19/2023



TIC: BG059470.D\data.ms

(96) Benzo(g,h,i)perylene

30.551min (+ 0.004) 10.95 ng/ul

response 148812

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 276.00 | 100.00 | 100.00 |
| 138.00 | 18.90  | 24.39# |
| 277.00 | 21.80  | 24.45  |
| 0.00   | 0.00   | 0.00   |

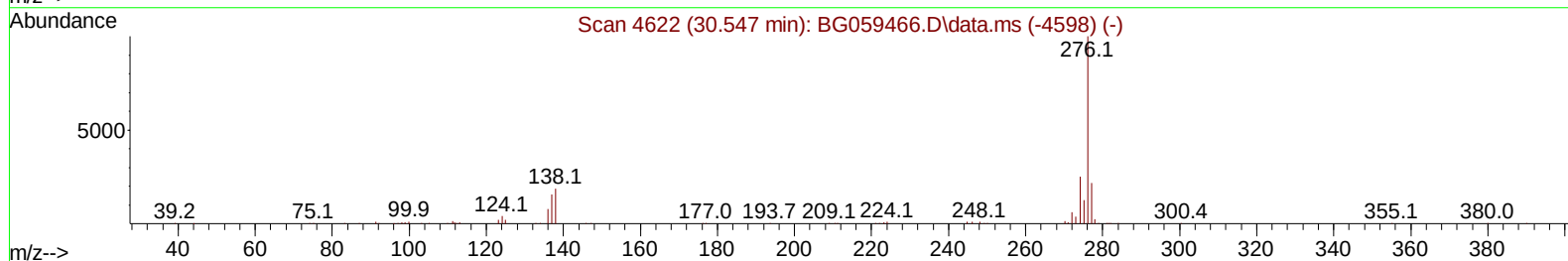
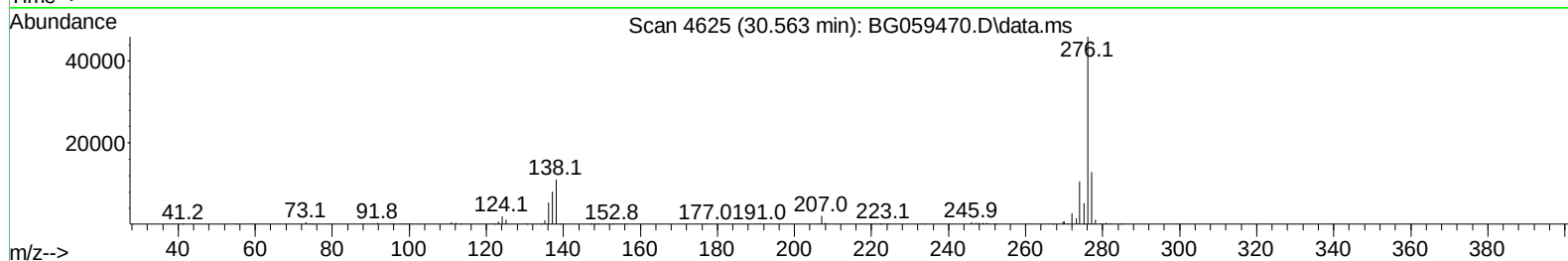
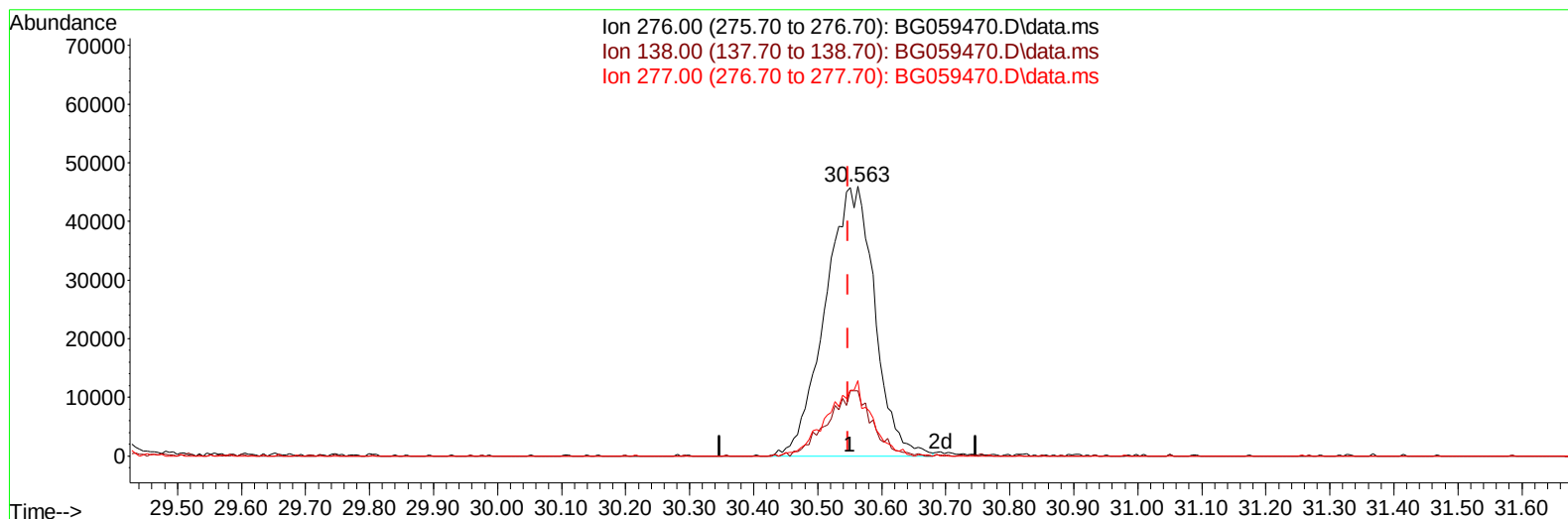
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG101723\  
 Data File : BG059470.D  
 Acq On : 17 Oct 2023 23:45  
 Operator : MA/JU  
 Sample : SSTDICV020  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SICV419

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TIC: BG059470.D\data.ms

**(96) Benzo(g,h,i)perylene**

**30.563min (+ 0.015) 18.16 ng/ul m**

**response 246766**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 276.00 | 100.00 | 100.00 |
| 138.00 | 18.90  | 24.16# |
| 277.00 | 21.80  | 27.89# |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG101723\  
 Data File : BG059470.D  
 Acq On : 17 Oct 2023 23:45  
 Operator : MA/JU  
 Sample : SSTDICV020  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
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| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.189  | 152  | 28630    | 20.000 | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 11.033 | 136  | 129842   | 20.000 | ng/ul  | 0.00     |
| 38) Acenaphthene-d10          | 14.828 | 164  | 81933    | 20.000 | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.578 | 188  | 191315   | 20.000 | ng/ul  | # 0.00   |
| 79) Chrysene-d12              | 21.873 | 240  | 217713   | 20.000 | ng/ul  | 0.00     |
| 88) Perylene-d12              | 25.316 | 264  | 209370   | 20.000 | ng/ul  | # 0.00   |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.488  | 96   | 6603m    | 8.113  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.917  | 84   | 62380    | 18.108 | ng/ul  | 0.00     |
| 7) Phenol-d5                  | 7.319  | 99   | 60848    | 20.141 | ng/ul  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.507  | 67   | 34348    | 20.147 | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.707  | 132  | 47102    | 21.246 | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.882  | 113  | 47080    | 20.918 | ng/ul  | 0.00     |
| 21) Nitrobenzene-d5           | 9.387  | 128  | 21802    | 22.038 | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 10.104 | 143  | 24102    | 22.421 | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.639 | 165  | 46164    | 21.728 | ng/ul  | 0.00     |
| 31) 4-Chloroaniline-d4        | 11.174 | 131  | 66760    | 20.413 | ng/ul  | 0.00     |
| 46) Dimethylphthalate-d6      | 14.223 | 166  | 138861   | 20.720 | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 14.528 | 160  | 168200   | 20.752 | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 15.022 | 143  | 25494    | 21.539 | ng/ul  | 0.00     |
| 60) Fluorene-d10              | 15.815 | 176  | 129371   | 21.094 | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.933 | 200  | 24814    | 22.038 | ng/ul  | 0.00     |
| 73) Anthracene-d10            | 17.678 | 188  | 201744   | 19.952 | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.951 | 212  | 231725   | 16.948 | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 25.069 | 264  | 230695   | 20.109 | ng/ul  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        |        | Qvalue   |
| 2) 1,4-Dioxane                | 3.518  | 88   | 8097m    | 8.223  | ng/uL  |          |
| 5) Pyridine                   | 3.941  | 79   | 65029    | 18.279 | ng/ul  | 97       |
| 6) Benzaldehyde               | 7.337  | 77   | 30985    | 23.718 | ng/ul  | 91       |
| 8) Phenol                     | 7.343  | 94   | 59117    | 20.099 | ng/ul# | 88       |
| 10) Bis(2-Chloroethyl)ether   | 7.607  | 93   | 47153    | 20.083 | ng/ul# | 87       |
| 12) 2-Chlorophenol            | 7.742  | 128  | 46153    | 20.305 | ng/ul  | 95       |
| 13) 2-Methylphenol            | 8.618  | 108  | 43998    | 19.791 | ng/ul  | 88       |
| 14) 2,2'-oxybis(1-Chloropr... | 8.694  | 45   | 97650m   | 20.092 | ng/ul  |          |
| 16) Acetophenone              | 9.035  | 105  | 73255    | 21.230 | ng/ul  | 97       |
| 17) N-Nitroso-di-n-propyla... | 9.000  | 70   | 34809    | 21.939 | ng/ul# | 95       |
| 18) 4-Methylphenol            | 8.953  | 108  | 47326    | 19.908 | ng/ul  | 92       |
| 19) Hexachloroethane          | 9.270  | 117  | 17730    | 20.692 | ng/ul# | 82       |
| 22) Nitrobenzene              | 9.434  | 77   | 51155    | 23.506 | ng/ul  | 95       |
| 23) Isophorone                | 9.934  | 82   | 101672   | 20.386 | ng/ul  | 98       |
| 25) 2-Nitrophenol             | 10.139 | 139  | 27130    | 24.288 | ng/ul# | 89       |
| 26) 2,4-Dimethylphenol        | 10.163 | 107  | 47111    | 21.278 | ng/ul  | 97       |
| 27) Bis(2-Chloroethoxy)met... | 10.421 | 93   | 63412    | 19.452 | ng/ul  | 98       |
| 29) 2,4-Dichlorophenol        | 10.662 | 162  | 45732    | 21.433 | ng/ul  | 91       |
| 30) Naphthalene               | 11.085 | 128  | 159156   | 20.300 | ng/ul  | 99       |
| 32) 4-Chloroaniline           | 11.197 | 127  | 62668    | 20.097 | ng/ul  | 91       |
| 33) Hexachlorobutadiene       | 11.309 | 225  | 28845    | 22.135 | ng/ul  | 95       |
| 34) Caprolactam               | 11.978 | 113  | 13767m   | 22.308 | ng/ul  |          |
| 35) 4-Chloro-3-methylphenol   | 12.284 | 107  | 42945    | 22.834 | ng/ul  | 92       |

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 Sample : SSTDICV020  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_G  
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 SICV419

## Manual IntegrationsAPPROVED

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| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 36) 2-Methylnaphthalene       | 12.666 | 142  | 105682   | 22.720 | ng/ul  | 96       |
| 37) 1-Methylnaphthalene       | 12.889 | 142  | 105401   | 21.697 | ng/ul# | 100      |
| 39) 1,2,4,5-Tetrachloroben... | 13.013 | 216  | 53335    | 20.674 | ng/ul  | 92       |
| 40) Hexachlorocyclopentadiene | 12.966 | 237  | 30295    | 18.779 | ng/ul# | 85       |
| 41) 2,4,6-Trichlorophenol     | 13.259 | 196  | 34914    | 22.358 | ng/ul  | 94       |
| 42) 2,4,5-Trichlorophenol     | 13.330 | 196  | 36174    | 21.754 | ng/ul  | 98       |
| 43) 1,1'-Biphenyl             | 13.665 | 154  | 149231   | 21.417 | ng/ul  | 92       |
| 44) 2-Chloronaphthalene       | 13.718 | 162  | 109971   | 21.043 | ng/ul  | 95       |
| 45) 2-Nitroaniline            | 13.941 | 65   | 30282    | 21.445 | ng/ul  | 95       |
| 47) Dimethylphthalate         | 14.270 | 163  | 138015   | 20.428 | ng/ul# | 95       |
| 48) 2,6-Dinitrotoluene        | 14.417 | 165  | 26651    | 22.593 | ng/ul  | 97       |
| 50) Acenaphthylene            | 14.558 | 152  | 180124   | 20.471 | ng/ul  | 99       |
| 51) 3-Nitroaniline            | 14.758 | 138  | 29740    | 21.691 | ng/ul# | 86       |
| 52) Acenaphthene              | 14.893 | 153  | 122473   | 20.397 | ng/ul  | 95       |
| 53) 2,4-Dinitrophenol         | 14.957 | 184  | 13829    | 20.941 | ng/ul  | 91       |
| 55) 4-Nitrophenol             | 15.034 | 109  | 17577    | 20.974 | ng/ul  | 92       |
| 56) Dibenzofuran              | 15.228 | 168  | 163619   | 20.541 | ng/ul  | 99       |
| 57) 2,4-Dinitrotoluene        | 15.198 | 165  | 40336    | 22.892 | ng/ul# | 84       |
| 58) 2,3,4,6-Tetrachlorophenol | 15.439 | 232  | 32576    | 21.700 | ng/ul  | 92       |
| 59) Diethylphthalate          | 15.615 | 149  | 130176   | 21.488 | ng/ul  | 98       |
| 61) Fluorene                  | 15.868 | 166  | 138221   | 21.467 | ng/ul  | 88       |
| 62) 4-Chlorophenyl-phenyle... | 15.856 | 204  | 67554    | 20.341 | ng/ul  | 95       |
| 63) 4-Nitroaniline            | 15.921 | 138  | 29082m   | 22.248 | ng/ul  |          |
| 66) 4,6-Dinitro-2-methylph... | 15.944 | 198  | 25667    | 21.767 | ng/ul# | 86       |
| 67) N-Nitrosodiphenylamine    | 16.080 | 169  | 117303   | 20.116 | ng/ul  | 97       |
| 68) 4-Bromophenyl-phenylether | 16.755 | 248  | 43688    | 20.514 | ng/ul  | 94       |
| 69) Hexachlorobenzene         | 16.843 | 284  | 48903    | 20.377 | ng/ul  | 91       |
| 70) Atrazine                  | 17.008 | 200  | 42476    | 19.668 | ng/ul  | 96       |
| 71) Pentachlorophenol         | 17.202 | 266  | 27310    | 20.193 | ng/ul  | 89       |
| 72) Phenanthrene              | 17.619 | 178  | 242526   | 20.366 | ng/ul  | 96       |
| 74) Anthracene                | 17.713 | 178  | 249436   | 20.374 | ng/ul  | 97       |
| 75) 1,2,3,4-Tetrachloroben... | 13.624 | 216  | 55328    | 19.487 | ng/uL  | 89       |
| 76) Pentachlorobenzene        | 15.122 | 250  | 56602    | 19.337 | ng/uL  | 94       |
| 77) Carbazole                 | 17.989 | 167  | 212835   | 20.528 | ng/ul  | 97       |
| 78) Di-n-butylphthalate       | 18.494 | 149  | 245043   | 21.119 | ng/ul# | 98       |
| 80) Fluoranthene              | 19.617 | 202  | 279497   | 17.148 | ng/ul  | 99       |
| 82) Pyrene                    | 19.981 | 202  | 292821   | 16.698 | ng/ul  | 99       |
| 83) Butylbenzylphthalate      | 20.833 | 149  | 104692   | 17.930 | ng/ul  | 94       |
| 84) 3,3'-Dichlorobenzidine    | 21.767 | 252  | 128333   | 21.594 | ng/ul  | 99       |
| 85) Benzo(a)anthracene        | 21.849 | 228  | 355631   | 20.508 | ng/ul  | 95       |
| 86) Bis(2-ethylhexyl)phtha... | 21.679 | 149  | 158098   | 18.130 | ng/ul  | 95       |
| 87) Chrysene                  | 21.920 | 228  | 336029   | 20.552 | ng/ul  | 99       |
| 89) Di-n-octyl phthalate      | 22.960 | 149  | 315980   | 26.368 | ng/ul  | 100      |
| 90) Benzo(b)fluoranthene      | 24.199 | 252  | 293376m  | 20.768 | ng/ul  |          |
| 91) Benzo(k)fluoranthene      | 24.270 | 252  | 297603   | 20.636 | ng/ul  | 98       |
| 93) Benzo(a)pyrene            | 25.151 | 252  | 280072   | 20.675 | ng/ul  | 96       |
| 94) Indeno(1,2,3-cd)pyrene    | 29.282 | 276  | 302064   | 19.426 | ng/ul  | 97       |
| 95) Dibenzo(a,h)anthracene    | 29.358 | 278  | 248176   | 19.065 | ng/ul  | 99       |
| 96) Benzo(g,h,i)perylene      | 30.563 | 276  | 246766m  | 18.163 | ng/ul  |          |

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



**Instrument :**

BNA\_G

**ClientSampleId :**

SICV419

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