

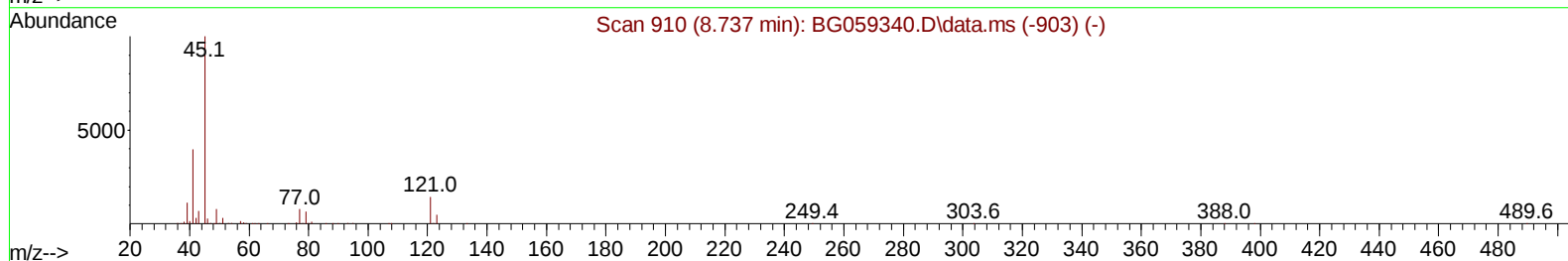
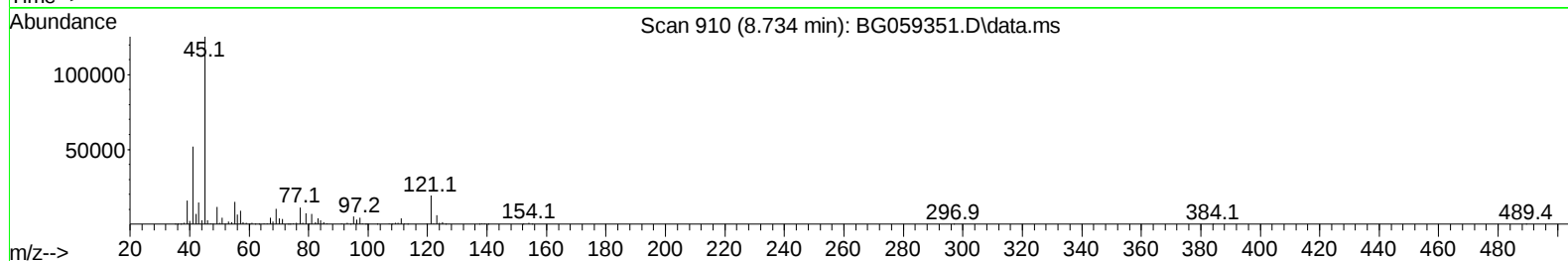
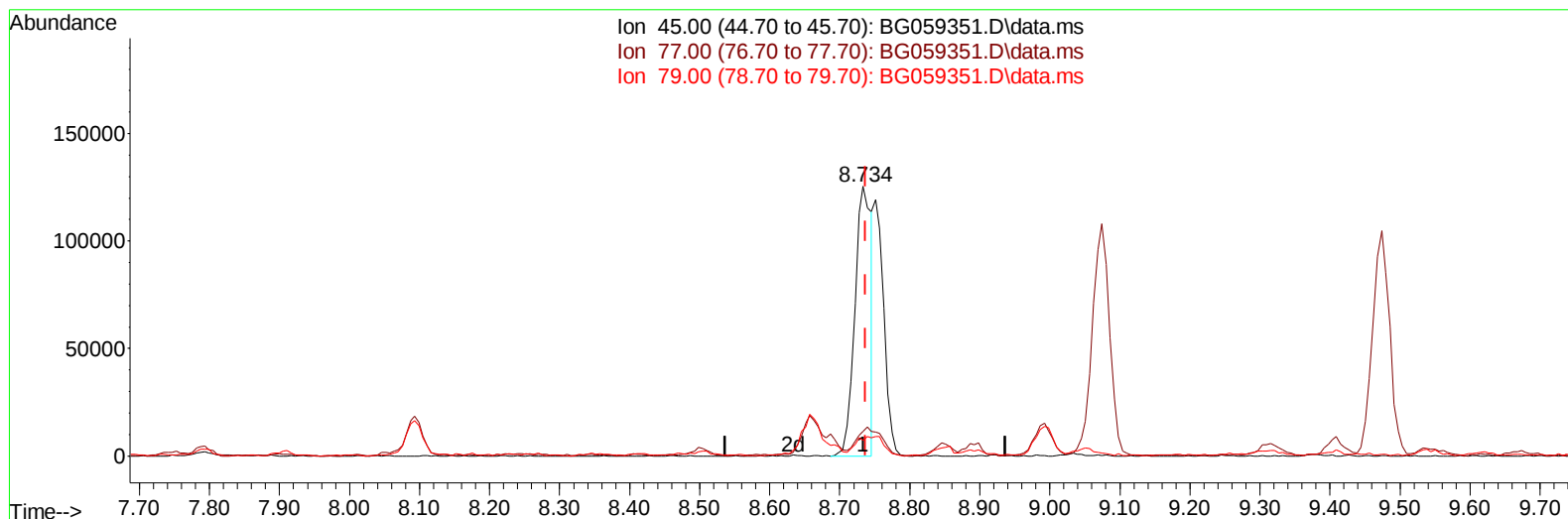
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG100723\  
Data File : BG059351.D  
Acq On : 7 Oct 2023 20:55  
Operator : MA/JU  
Sample : 04607-12MSD  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
BBJQ2MSD

Manual IntegrationsAPPROVED

Quant Time: Oct 07 23:35:43 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: BG059351.D\data.ms

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

8.734min (-0.003) 28.78 ng/u1

response 208614

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 45.00 | 100.00 | 100.00 |
| 77.00 | 8.30   | 9.04   |
| 79.00 | 7.30   | 5.85   |
| 0.00  | 0.00   | 0.00   |

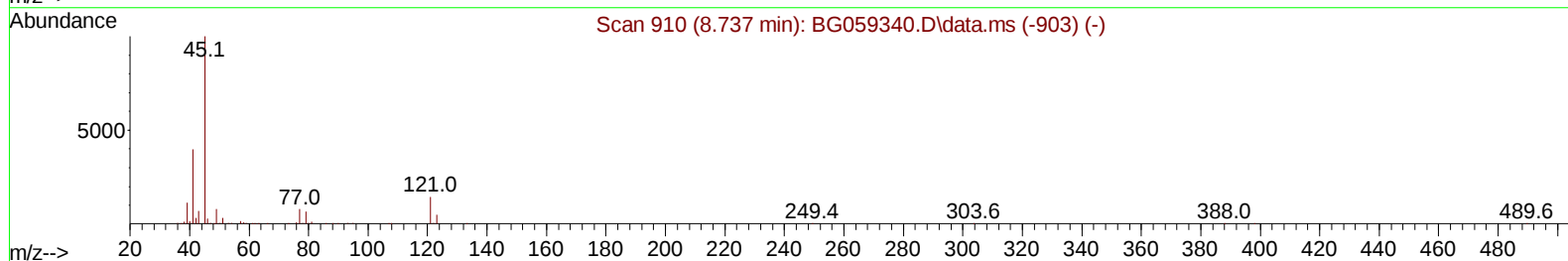
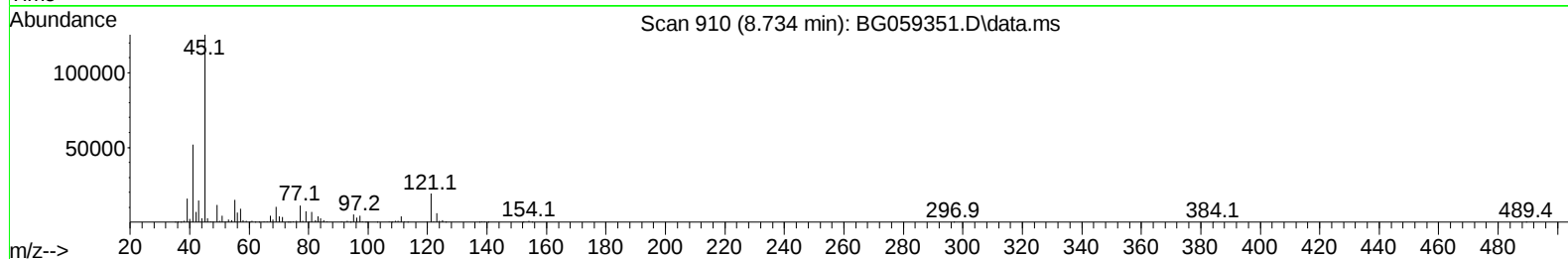
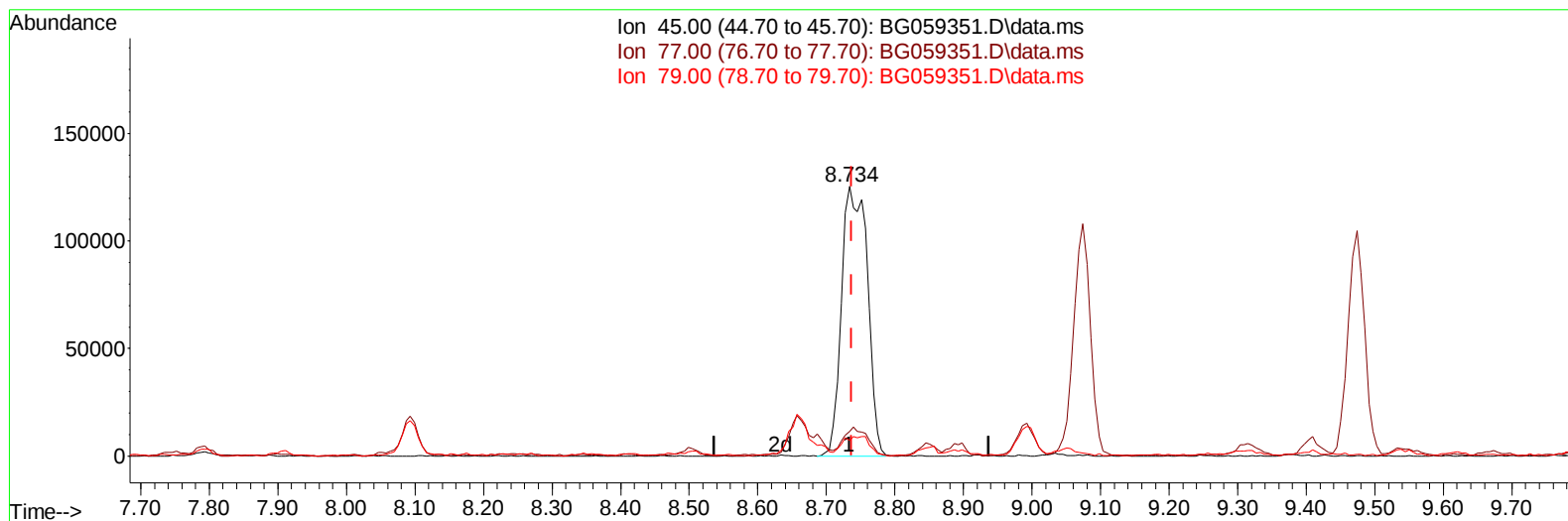
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG100723\  
 Data File : BG059351.D  
 Acq On : 7 Oct 2023 20:55  
 Operator : MA/JU  
 Sample : 04607-12MSD  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 BBJQ2MSD

Manual IntegrationsAPPROVED

Quant Time: Oct 07 23:35:43 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: BG059351.D\data.ms

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

8.734min (-0.003) 45.15 ng/ul m

response 327331

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 45.00 | 100.00 | 100.00 |
| 77.00 | 8.30   | 9.04   |
| 79.00 | 7.30   | 5.85   |
| 0.00  | 0.00   | 0.00   |

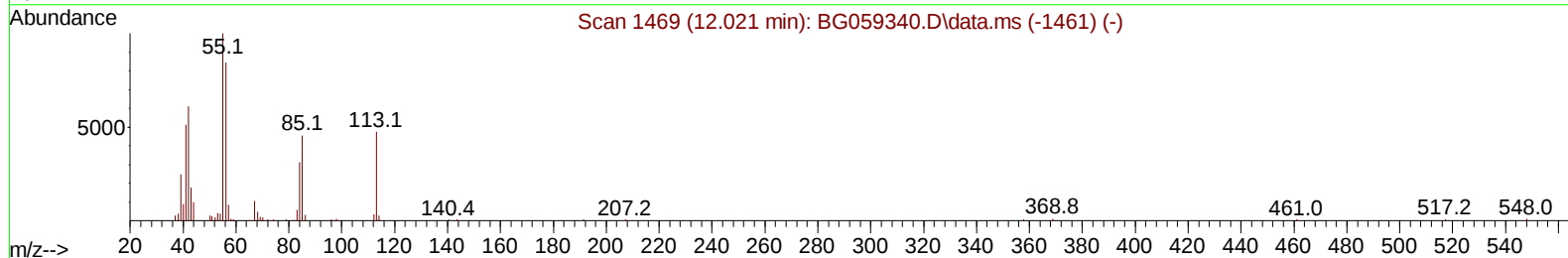
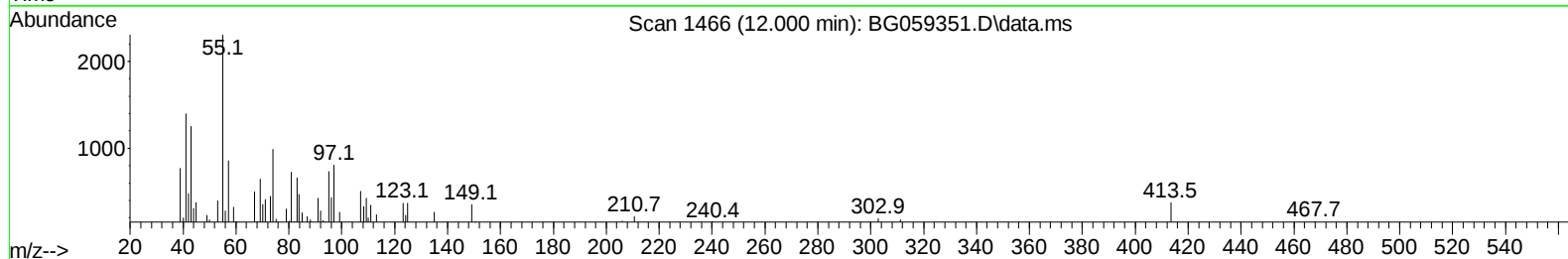
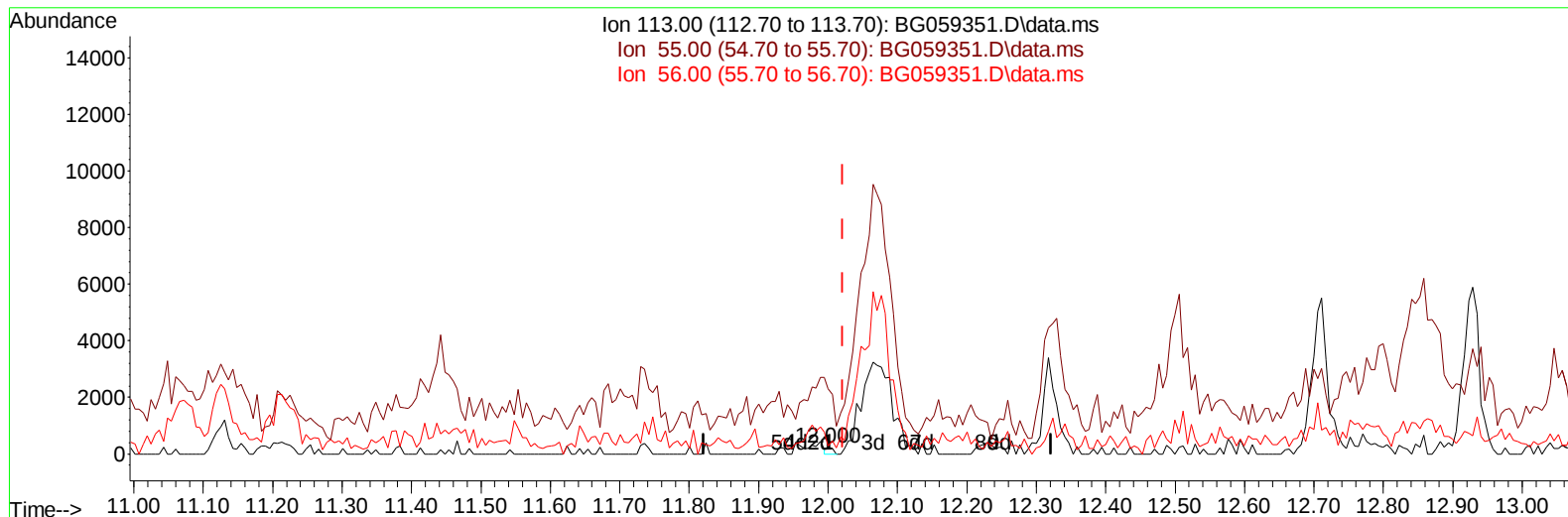
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG100723\  
 Data File : BG059351.D  
 Acq On : 7 Oct 2023 20:55  
 Operator : MA/JU  
 Sample : 04607-12MSD  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 BBJQ2MSD

Manual IntegrationsAPPROVED

Quant Time: Oct 07 23:35:43 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: BG059351.D\data.ms

**(34) Caprolactam**

**12.000min (-0.021) 0.12 ng/u1**

**response 150**

| Ion    | Exp%   | Act%    |
|--------|--------|---------|
| 113.00 | 100.00 | 100.00  |
| 55.00  | 211.40 | 973.00# |
| 56.00  | 177.10 | 120.25# |
| 0.00   | 0.00   | 0.00    |

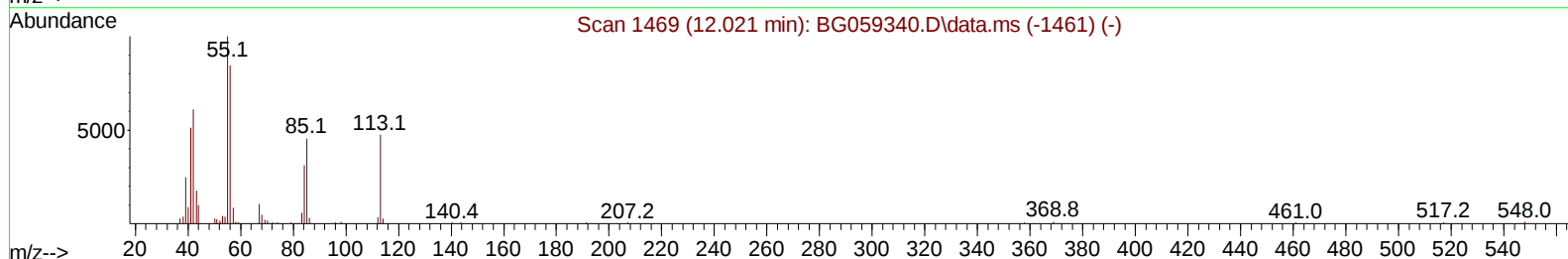
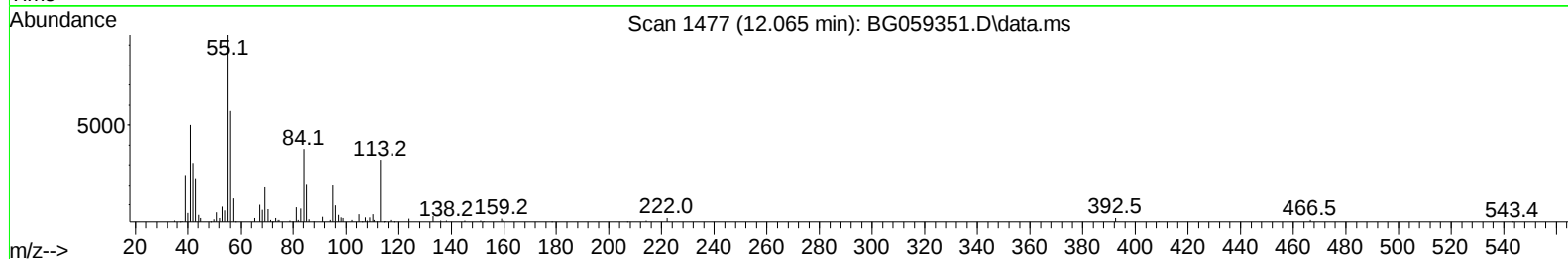
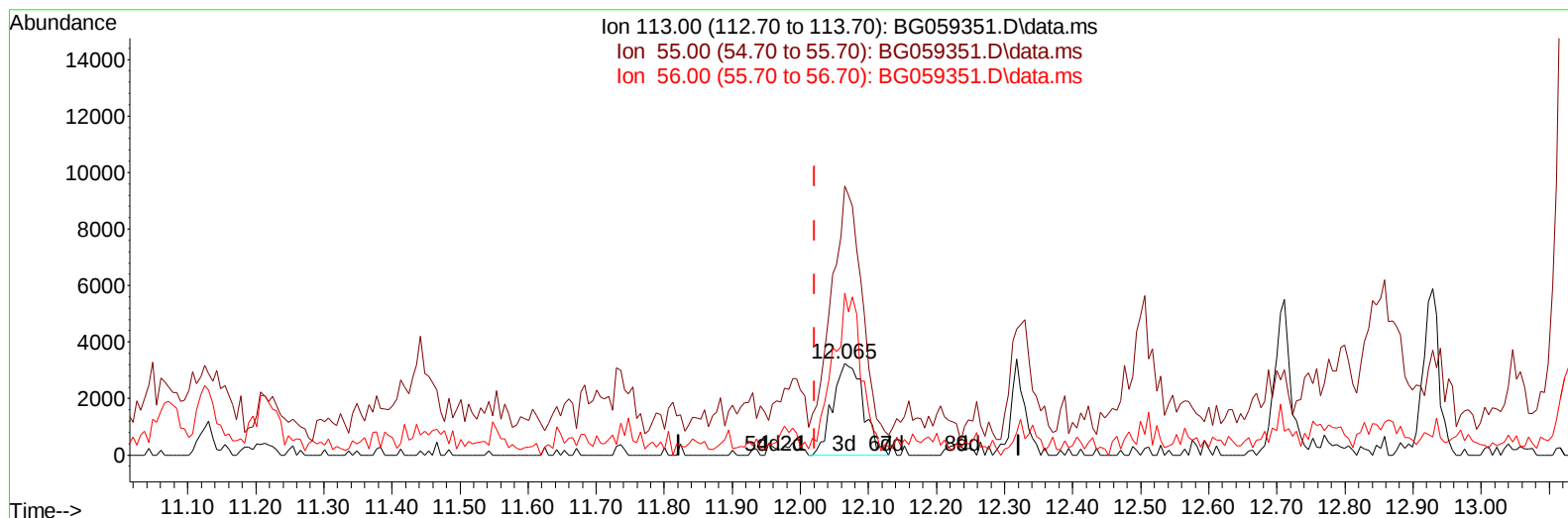
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG100723\  
 Data File : BG059351.D  
 Acq On : 7 Oct 2023 20:55  
 Operator : MA/JU  
 Sample : 04607-12MSD  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 BBJQ2MSD

Manual IntegrationsAPPROVED

Quant Time: Oct 07 23:35:43 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: BG059351.D\data.ms

**(34) Caprolactam**

**12.065min (+ 0.044) 7.93 ng/ul m**

**response 10172**

| Ion    | Exp%   | Act%    |
|--------|--------|---------|
| 113.00 | 100.00 | 100.00  |
| 55.00  | 211.40 | 292.62# |
| 56.00  | 177.10 | 176.02  |
| 0.00   | 0.00   | 0.00    |

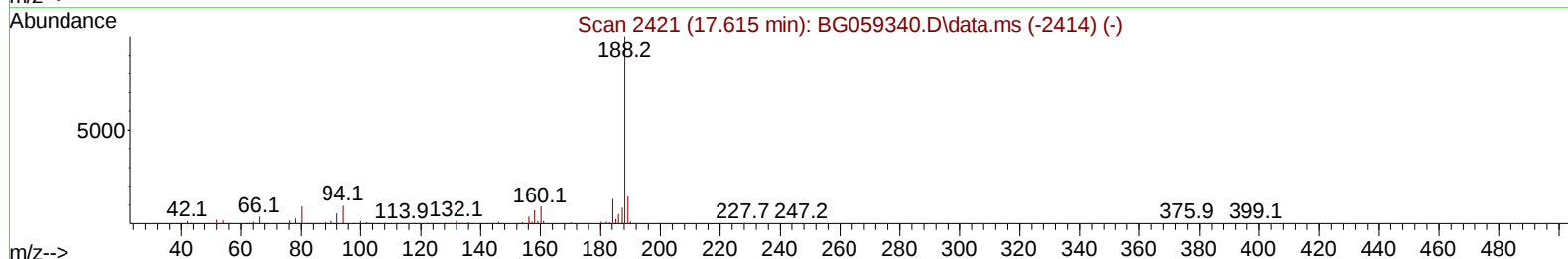
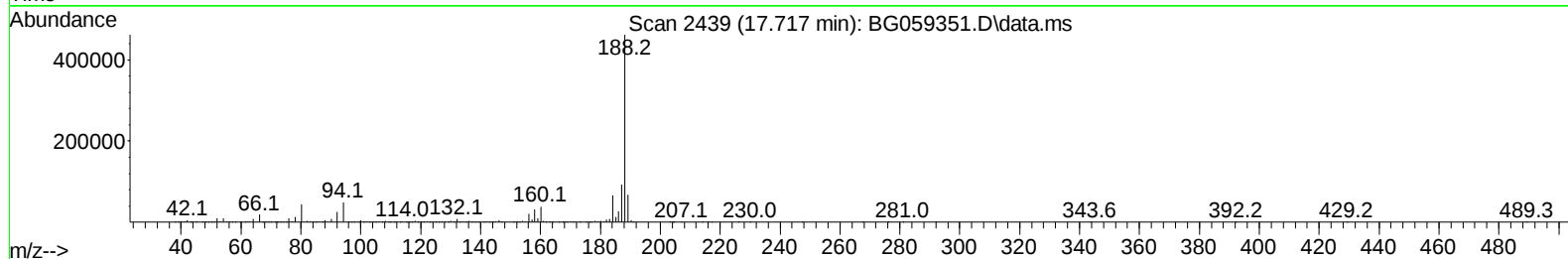
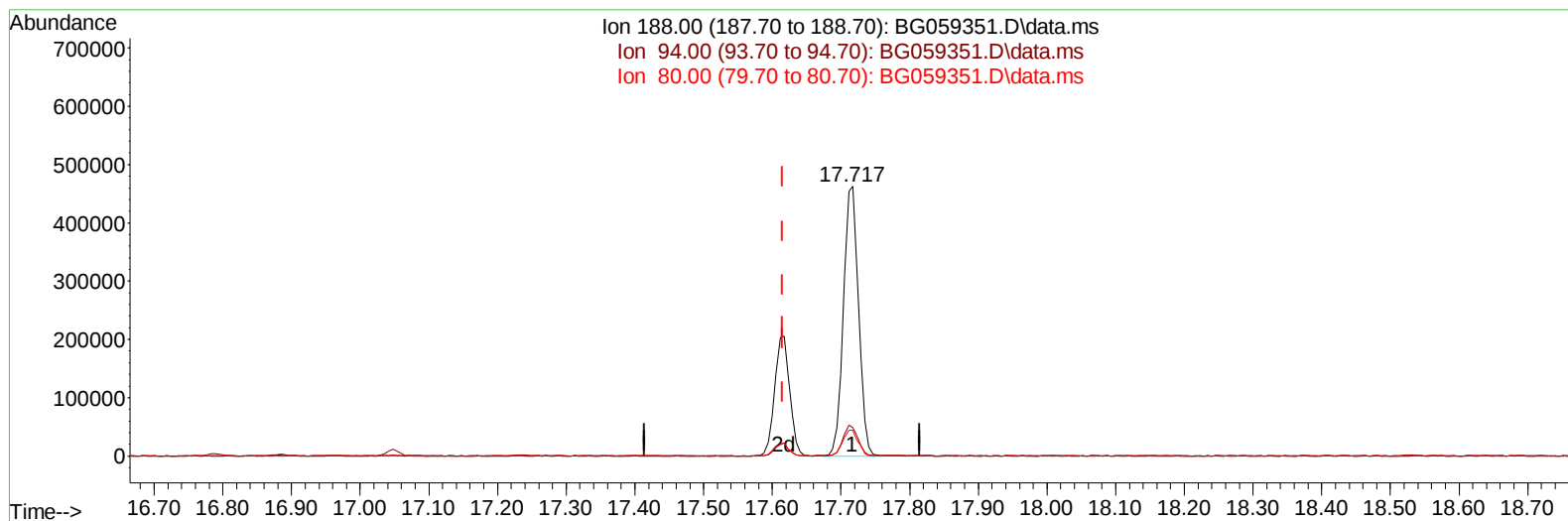
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG100723\  
 Data File : BG059351.D  
 Acq On : 7 Oct 2023 20:55  
 Operator : MA/JU  
 Sample : 04607-12MSD  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 BBJQ2MSD

Manual IntegrationsAPPROVED

Quant Time: Oct 07 23:35:43 2023  
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 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: BG059351.D\data.ms

**(64) Phenanthrene-d10 (I)**

**17.717min (+ 0.102) 20.00 ng/ul**

**response 708330**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 188.00 | 100.00 | 100.00 |
| 94.00  | 9.60   | 10.44  |
| 80.00  | 9.10   | 9.60   |
| 0.00   | 0.00   | 0.00   |

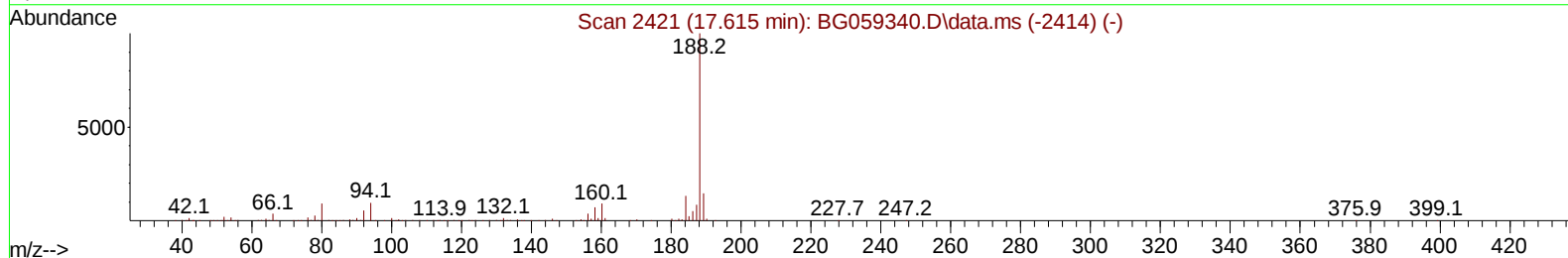
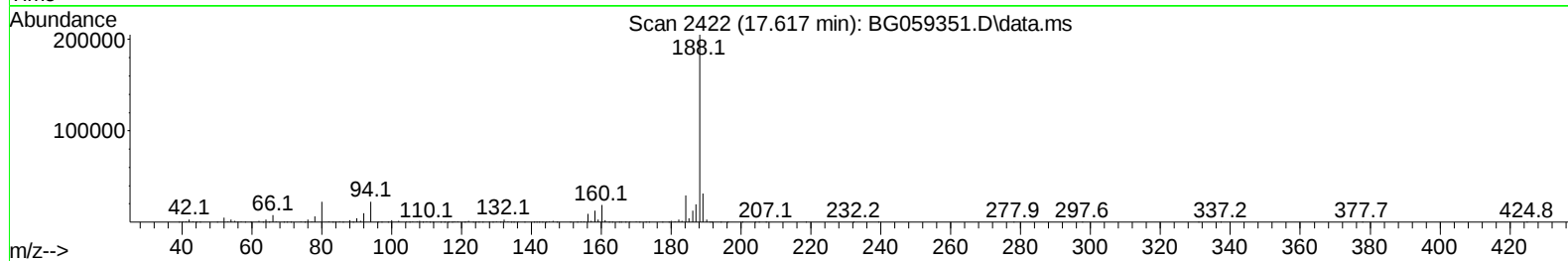
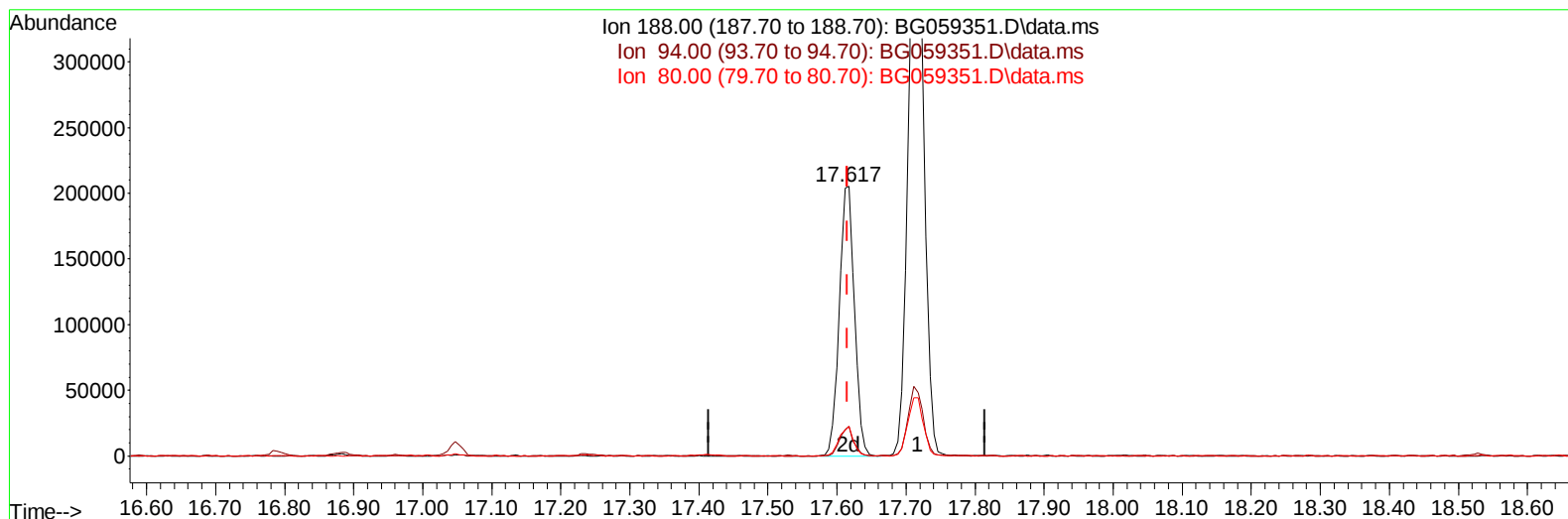
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG100723\  
 Data File : BG059351.D  
 Acq On : 7 Oct 2023 20:55  
 Operator : MA/JU  
 Sample : 04607-12MSD  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 BBJQ2MSD

Manual IntegrationsAPPROVED

Quant Time: Oct 07 23:35:43 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: BG059351.D\data.ms

**(64) Phenanthrene-d10 (I)**

17.617min (+ 0.002) 20.00 ng/ul m

response 313392

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 188.00 | 100.00 | 100.00 |
| 94.00  | 9.60   | 10.95  |
| 80.00  | 9.10   | 10.93# |
| 0.00   | 0.00   | 0.00   |

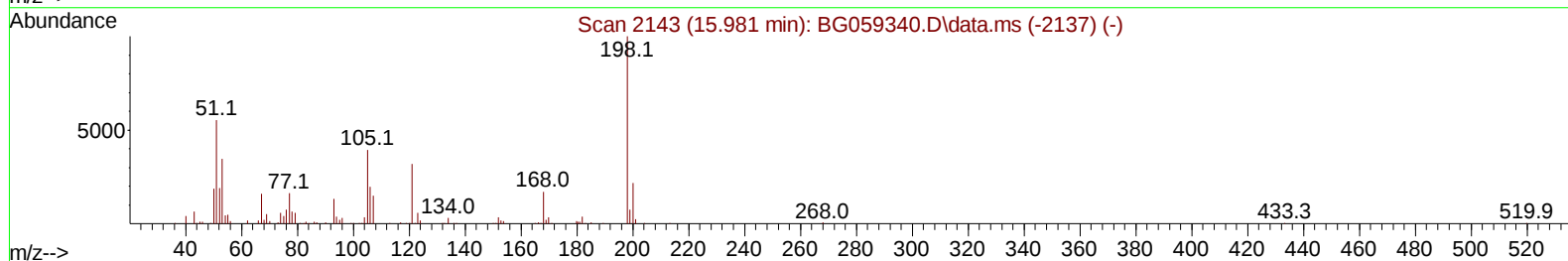
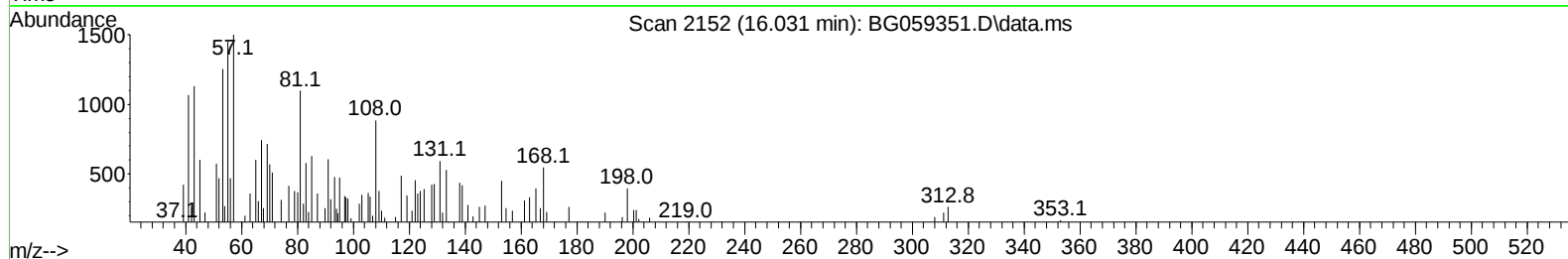
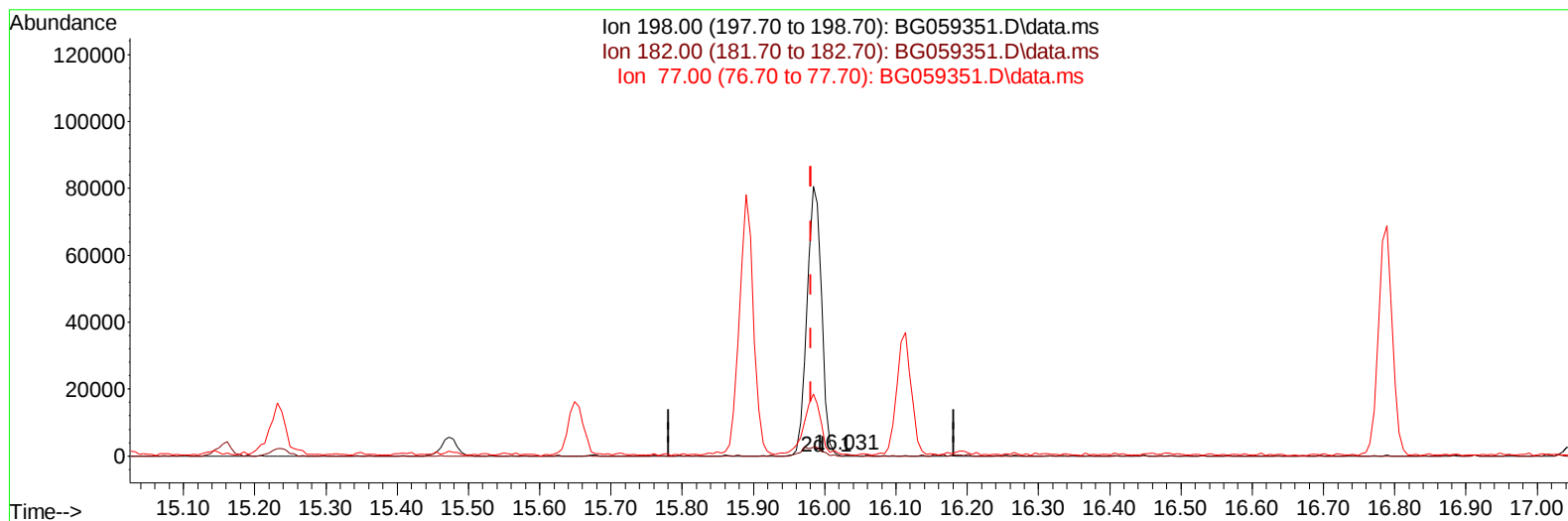
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG100723\  
 Data File : BG059351.D  
 Acq On : 7 Oct 2023 20:55  
 Operator : MA/JU  
 Sample : 04607-12MSD  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 BBJQ2MSD

Manual IntegrationsAPPROVED

Quant Time: Oct 08 00:07:07 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: BG059351.D\data.ms

(66) 4,6-Dinitro-2-methylphenol

16.031min (+ 0.049) 0.15 ng/ul

response 334

| Ion    | Exp%   | Act%    |
|--------|--------|---------|
| 198.00 | 100.00 | 100.00  |
| 182.00 | 3.90   | 0.00#   |
| 77.00  | 17.20  | 105.08# |
| 0.00   | 0.00   | 0.00    |

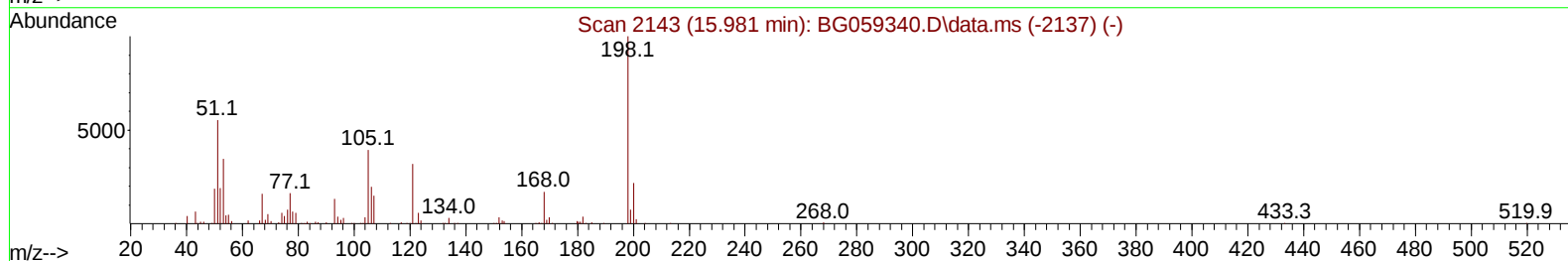
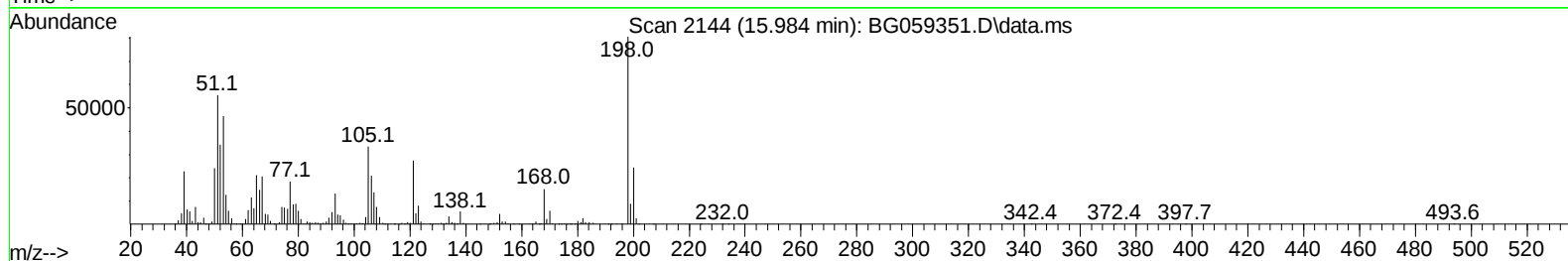
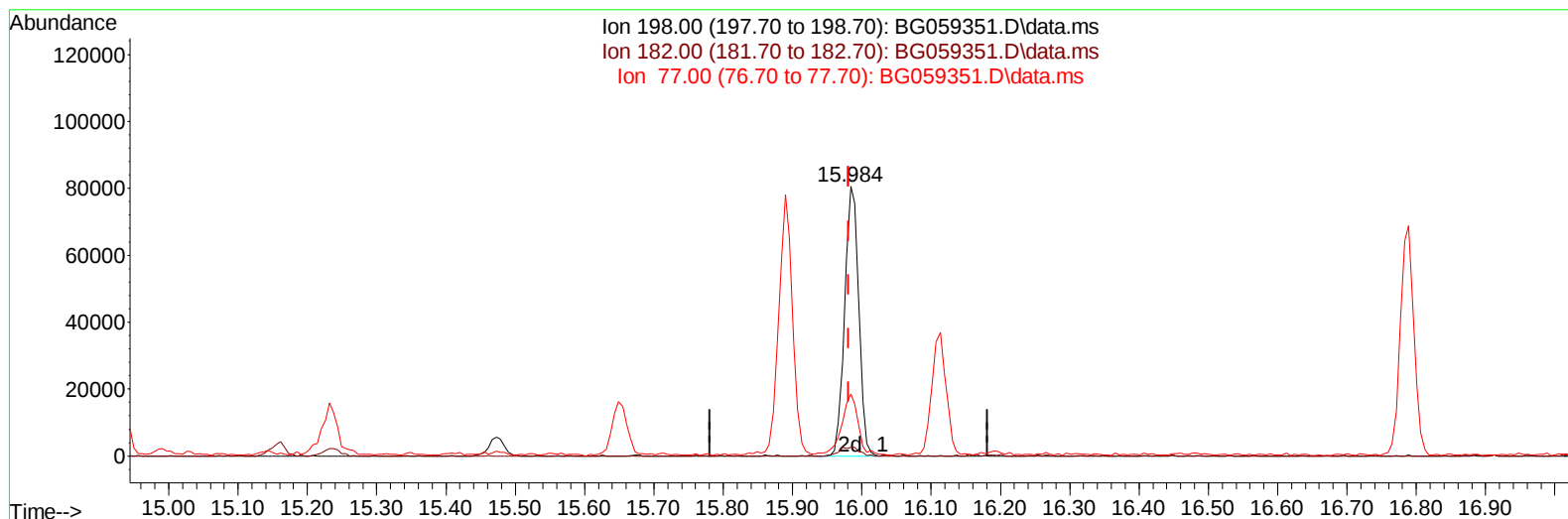
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG100723\  
 Data File : BG059351.D  
 Acq On : 7 Oct 2023 20:55  
 Operator : MA/JU  
 Sample : 04607-12MSD  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 BBJQ2MSD

Manual IntegrationsAPPROVED

Quant Time: Oct 08 00:07:07 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: BG059351.D\data.ms

(66) 4,6-Dinitro-2-methylphenol

15.984min (+ 0.002) 51.91 ng/ul m

response 114237

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 198.00 | 100.00 | 100.00 |
| 182.00 | 3.90   | 3.15   |
| 77.00  | 17.20  | 22.94# |
| 0.00   | 0.00   | 0.00   |

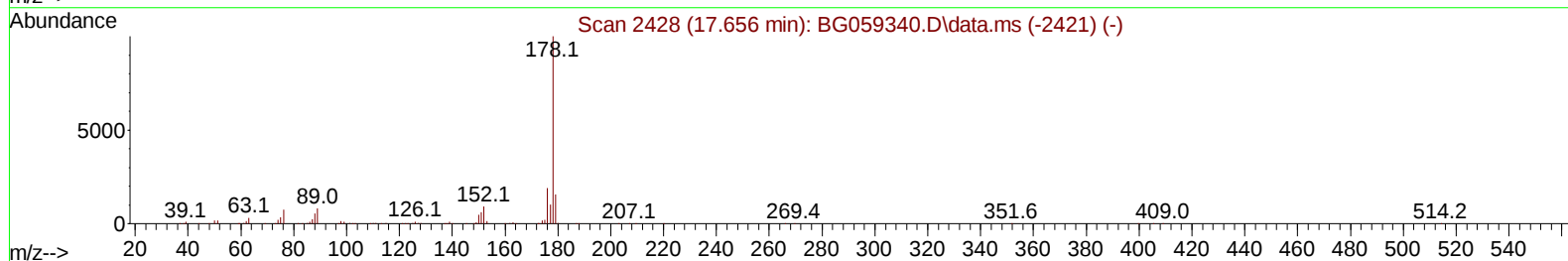
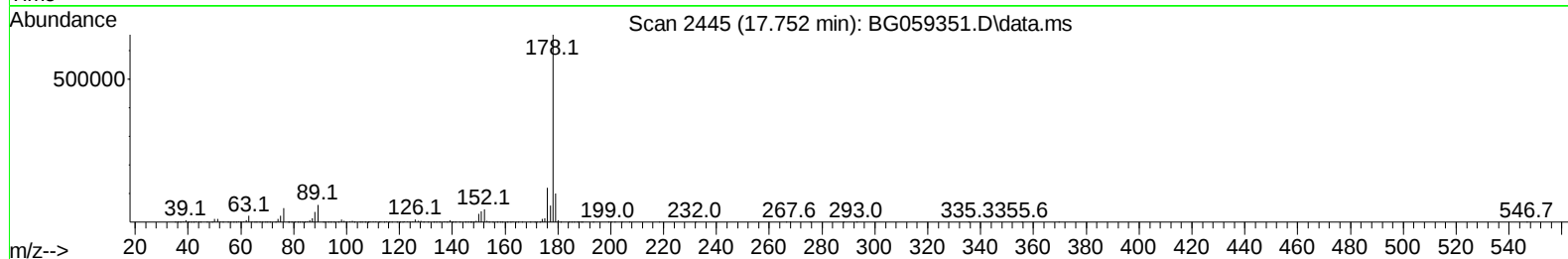
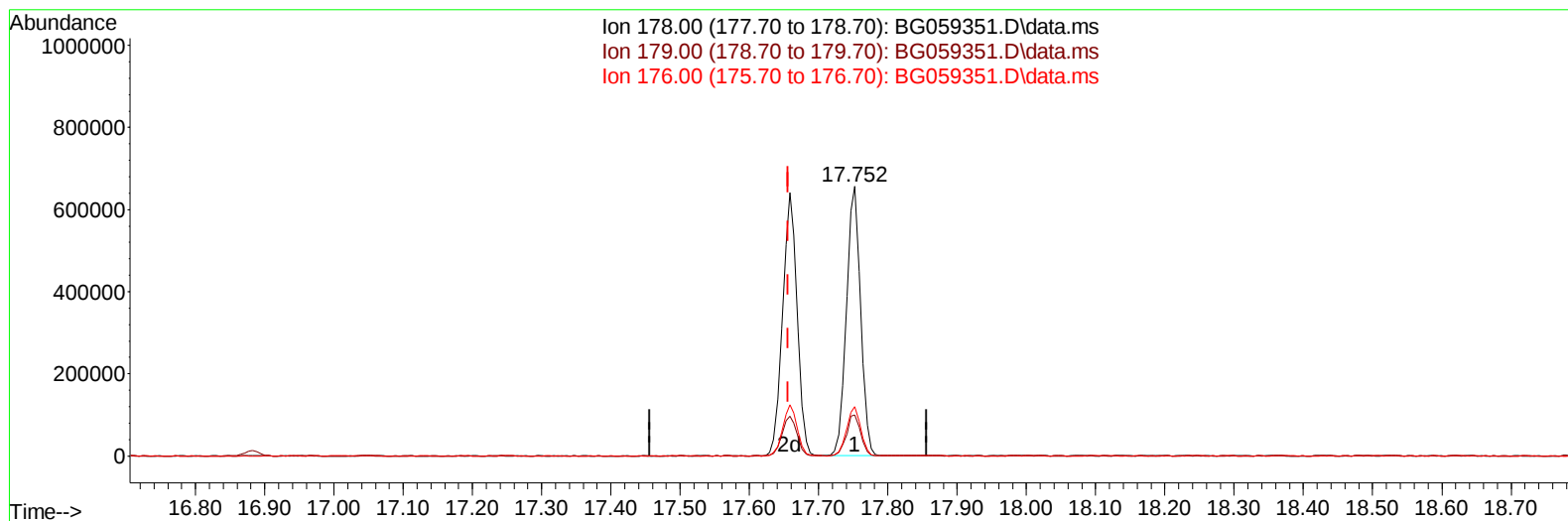
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG100723\  
Data File : BG059351.D  
Acq On : 7 Oct 2023 20:55  
Operator : MA/JU  
Sample : 04607-12MSD  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
BBJQ2MSD

Manual IntegrationsAPPROVED

Quant Time: Oct 08 00:07:07 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: BG059351.D\data.ms

(72) Phenanthrene

17.752min (+ 0.097) 50.19 ng/u1

response 931477

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 178.00 | 100.00 | 100.00 |
| 179.00 | 15.50  | 15.18  |
| 176.00 | 19.00  | 18.40  |
| 0.00   | 0.00   | 0.00   |

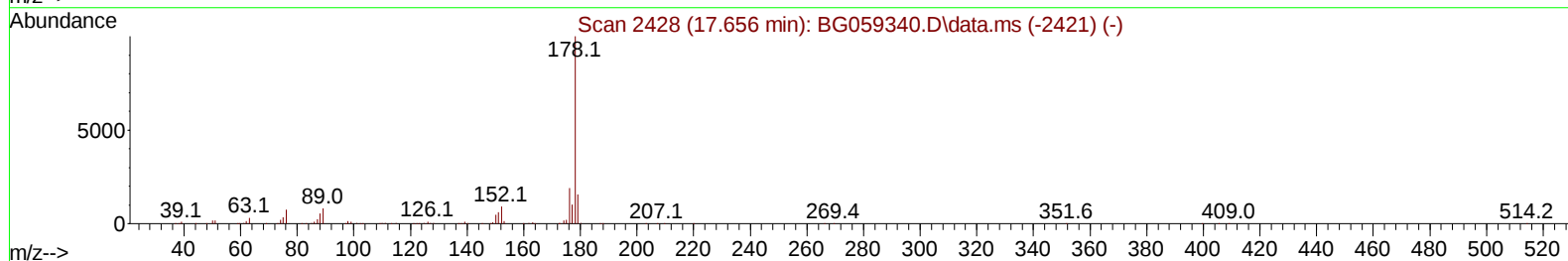
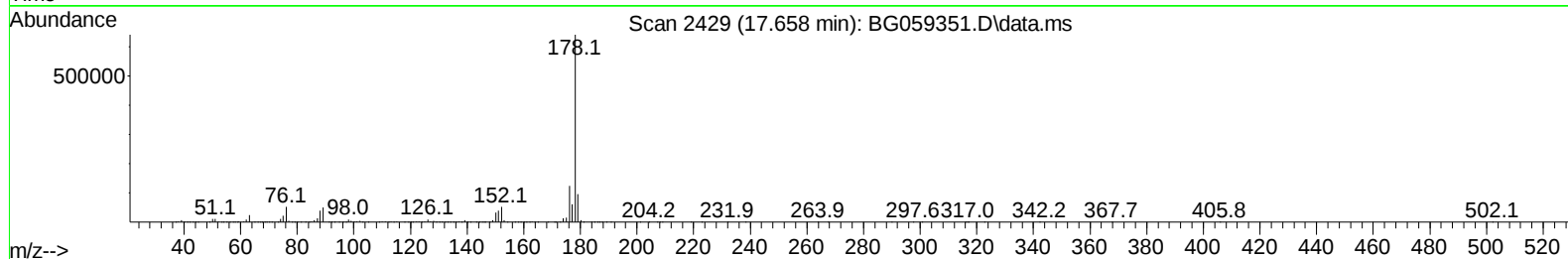
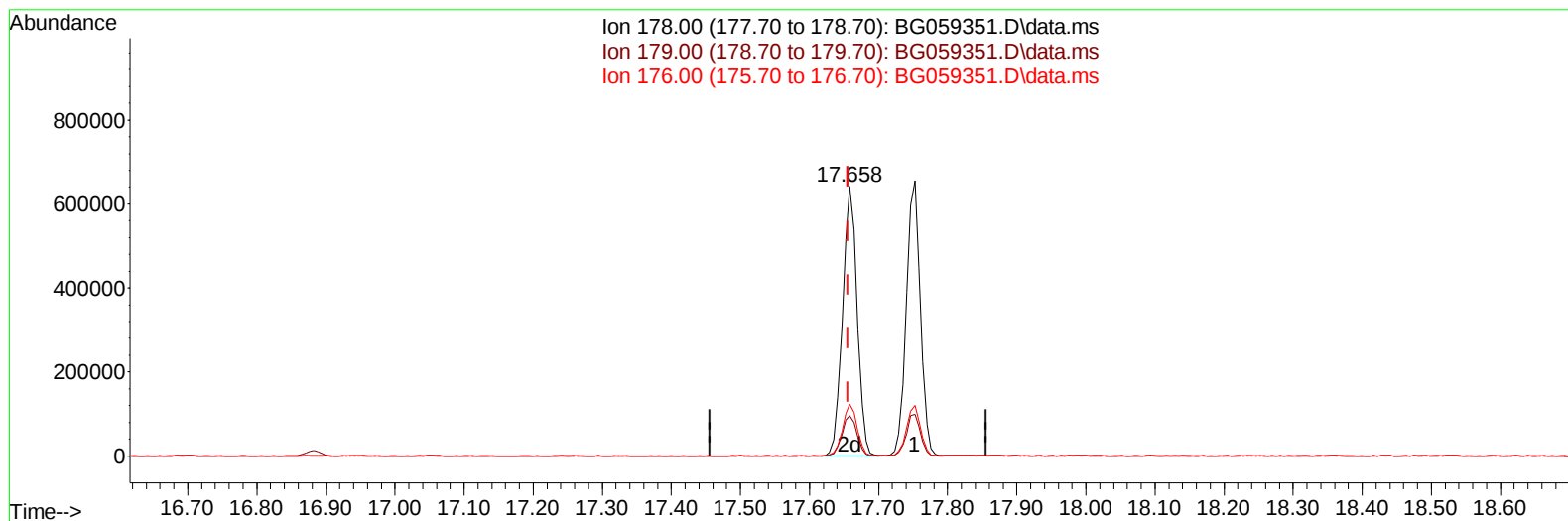
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG100723\  
 Data File : BG059351.D  
 Acq On : 7 Oct 2023 20:55  
 Operator : MA/JU  
 Sample : 04607-12MSD  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 BBJQ2MSD

Manual IntegrationsAPPROVED

Quant Time: Oct 08 00:07:07 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: BG059351.D\data.ms

(72) Phenanthrene

17.658min (+ 0.003) 50.50 ng/ul m

response 937283

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 178.00 | 100.00 | 100.00 |
| 179.00 | 15.50  | 15.06  |
| 176.00 | 19.00  | 19.34  |
| 0.00   | 0.00   | 0.00   |

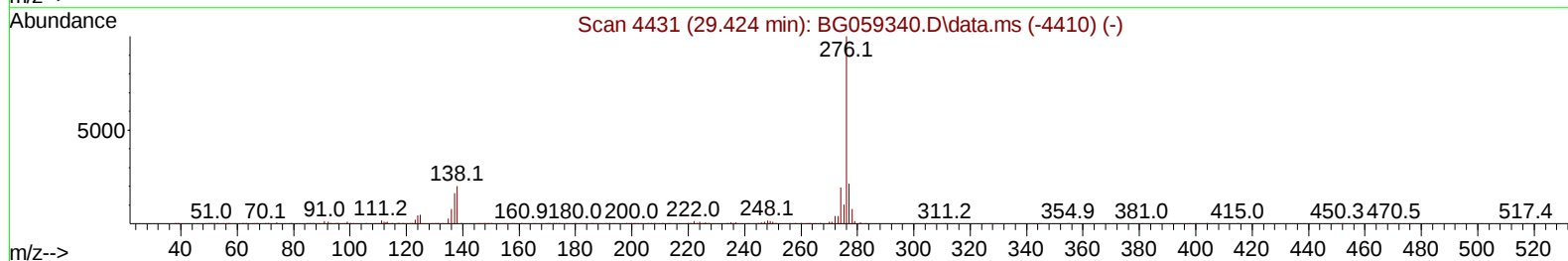
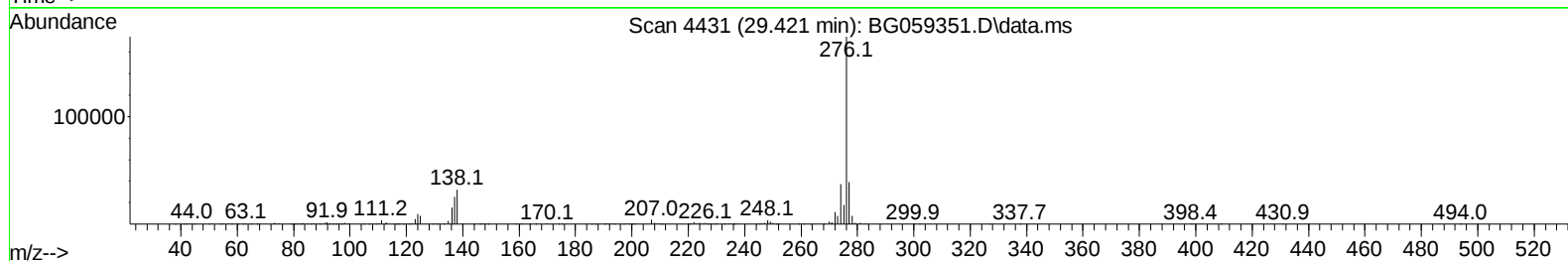
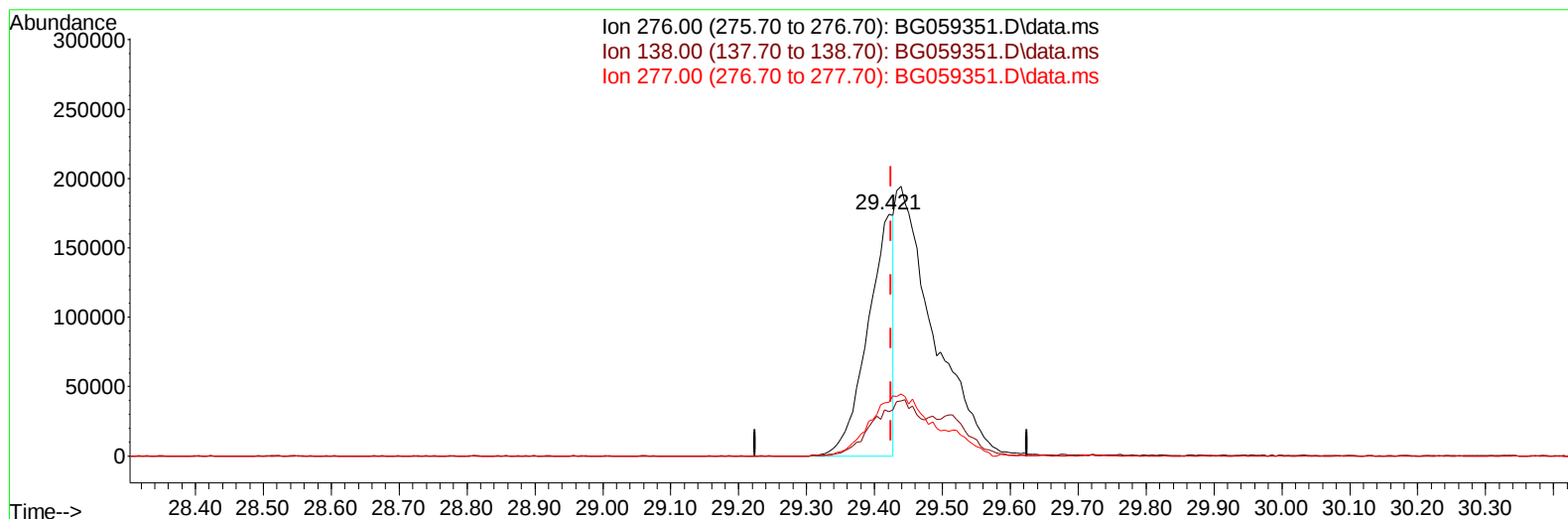
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG100723\  
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Sample : 04607-12MSD  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
BBJQ2MSD

Manual IntegrationsAPPROVED

Quant Time: Oct 08 00:07:07 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: BG059351.D\data.ms

**(94) Indeno(1,2,3-cd)pyrene**

**29.421min (-0.003) 19.64 ng/u1**

**response 460496**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 276.00 | 100.00 | 100.00 |
| 138.00 | 20.30  | 18.39  |
| 277.00 | 21.40  | 22.37  |
| 0.00   | 0.00   | 0.00   |

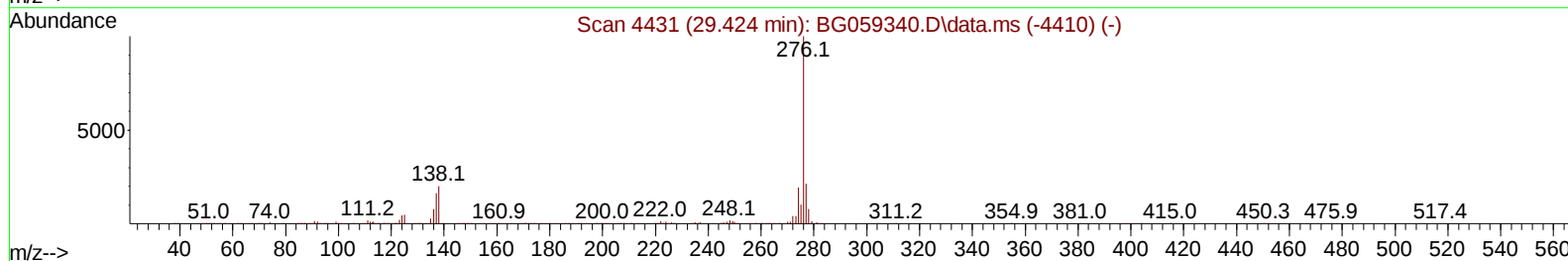
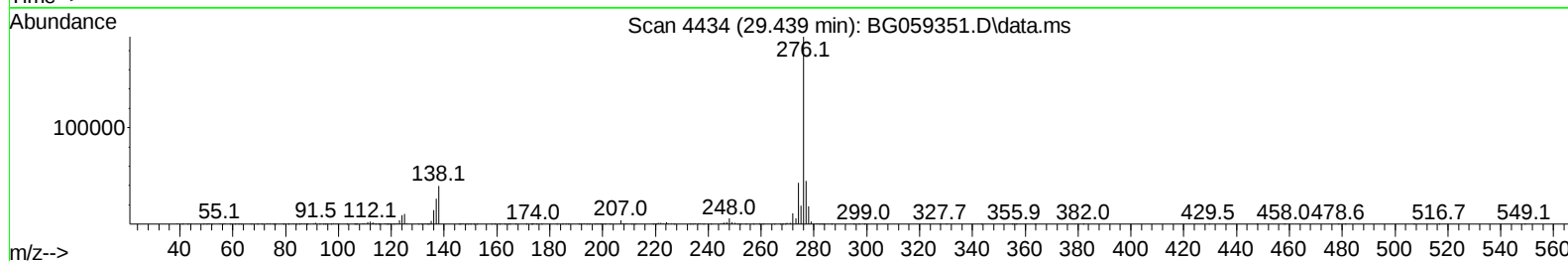
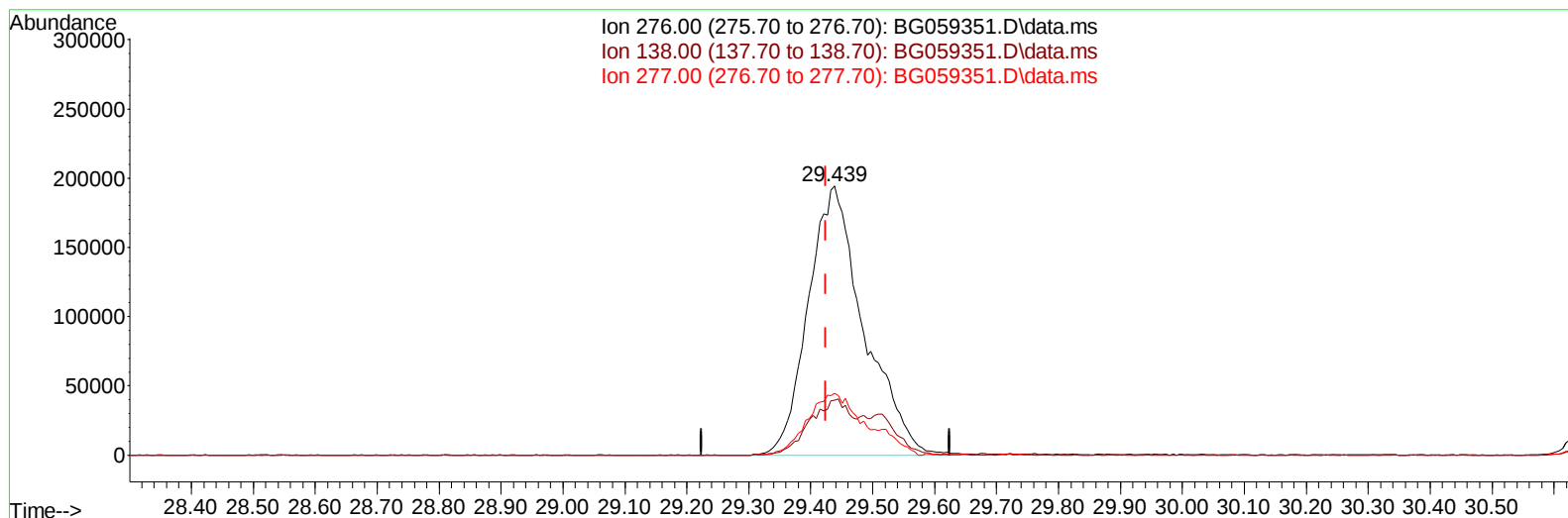
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG100723\  
 Data File : BG059351.D  
 Acq On : 7 Oct 2023 20:55  
 Operator : MA/JU  
 Sample : 04607-12MSD  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 BBJQ2MSD

Manual IntegrationsAPPROVED

Quant Time: Oct 08 00:07:07 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: BG059351.D\data.ms

**(94) Indeno(1,2,3-cd)pyrene**

29.439min (+ 0.014) 51.69 ng/ul m

response 1212178

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 276.00 | 100.00 | 100.00 |
| 138.00 | 20.30  | 20.47  |
| 277.00 | 21.40  | 22.97  |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG100723\  
 Data File : BG059351.D  
 Acq On : 7 Oct 2023 20:55  
 Operator : MA/JU  
 Sample : 04607-12MSD  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 BBJQ2MSD

Manual IntegrationsAPPROVED

Quant Time: Oct 08 00:08:16 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

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.228  | 152  | 41207    | 20.000 | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 11.072 | 136  | 211011   | 20.000 | ng/ul  | # 0.00   |
| 38) Acenaphthene-d10          | 14.868 | 164  | 140278   | 20.000 | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.617 | 188  | 313392m  | 20.000 | ng/ul  | 0.00     |
| 79) Chrysene-d12              | 21.918 | 240  | 272588   | 20.000 | ng/ul  | 0.00     |
| 88) Perylene-d12              | 25.402 | 264  | 324351   | 20.000 | ng/ul  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.528  | 96   | 5021     | 4.344  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.963  | 84   | 40211    | 12.088 | ng/ul  | 0.00     |
| 7) Phenol-d5                  | 7.359  | 99   | 38320    | 8.422  | ng/ul  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.553  | 67   | 119378   | 46.419 | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.746  | 132  | 105666   | 33.205 | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.927  | 113  | 71195    | 20.083 | ng/ul  | 0.00     |
| 21) Nitrobenzene-d5           | 9.427  | 128  | 82882    | 46.141 | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 10.150 | 143  | 78921    | 40.593 | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.678 | 165  | 138760   | 39.542 | ng/ul  | 0.00     |
| 31) 4-Chloroaniline-d4        | 11.219 | 131  | 177363   | 31.819 | ng/ul  | 0.00     |
| 46) Dimethylphthalate-d6      | 14.262 | 166  | 512801   | 44.621 | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 14.568 | 160  | 581298   | 42.504 | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 15.061 | 143  | 18164    | 8.434  | ng/ul  | 0.00     |
| 60) Fluorene-d10              | 15.855 | 176  | 470272   | 42.869 | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.972 | 200  | 97043    | 46.900 | ng/ul  | 0.00     |
| 73) Anthracene-d10            | 17.717 | 188  | 707327   | 46.010 | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.991 | 212  | 795866   | 48.196 | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 25.155 | 264  | 803627   | 47.084 | ng/ul  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.563  | 88   | 7980     | 6.468  | ng/ul# | 81       |
| 5) Pyridine                   | 3.986  | 79   | 45638    | 13.588 | ng/ul  | 94       |
| 6) Benzaldehyde               | 7.376  | 77   | 99283    | 52.605 | ng/ul  | 99       |
| 8) Phenol                     | 7.382  | 94   | 44815    | 9.960  | ng/ul  | 98       |
| 10) Bis(2-Chloroethyl)ether   | 7.647  | 93   | 155315   | 44.824 | ng/ul  | 99       |
| 12) 2-Chlorophenol            | 7.782  | 128  | 116491   | 34.741 | ng/ul# | 91       |
| 13) 2-Methylphenol            | 8.657  | 108  | 87510    | 26.029 | ng/ul  | 95       |
| 14) 2,2'-oxybis(1-Chloropr... | 8.734  | 45   | 327331m  | 45.151 | ng/ul  |          |
| 16) Acetophenone              | 9.074  | 105  | 245164   | 45.510 | ng/ul  | 94       |
| 17) N-Nitroso-di-n-propyla... | 9.033  | 70   | 120530   | 44.903 | ng/ul# | 95       |
| 18) 4-Methylphenol            | 8.992  | 108  | 80242    | 21.704 | ng/ul  | 99       |
| 19) Hexachloroethane          | 9.315  | 117  | 107475   | 88.118 | ng/ul  | 91       |
| 22) Nitrobenzene              | 9.474  | 77   | 177343   | 45.035 | ng/ul# | 89       |
| 23) Isophorone                | 9.979  | 82   | 380927   | 45.301 | ng/ul  | 95       |
| 25) 2-Nitrophenol             | 10.179 | 139  | 91412    | 45.590 | ng/ul  | 90       |
| 26) 2,4-Dimethylphenol        | 10.208 | 107  | 123977   | 31.343 | ng/ul  | 93       |
| 27) Bis(2-Chloroethoxy)met... | 10.461 | 93   | 233856   | 46.280 | ng/ul  | 98       |
| 29) 2,4-Dichlorophenol        | 10.702 | 162  | 146893   | 41.570 | ng/ul  | 98       |
| 30) Naphthalene               | 11.125 | 128  | 545779   | 44.721 | ng/ul  | 97       |
| 32) 4-Chloroaniline           | 11.242 | 127  | 174769   | 33.143 | ng/ul  | 99       |
| 33) Hexachlorobutadiene       | 11.348 | 225  | 101272   | 47.467 | ng/ul  | 97       |
| 34) Caprolactam               | 12.065 | 113  | 10172m   | 7.927  | ng/ul  |          |
| 35) 4-Chloro-3-methylphenol   | 12.318 | 107  | 144061   | 37.993 | ng/ul  | 99       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG100723\  
 Data File : BG059351.D  
 Acq On : 7 Oct 2023 20:55  
 Operator : MA/JU  
 Sample : 04607-12MSD  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 BBJQ2MSD

Manual IntegrationsAPPROVED

Quant Time: Oct 08 00:08:16 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

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 36) 2-Methylnaphthalene       | 12.711 | 142  | 373225   | 45.874 | ng/ul  | 90       |
| 37) 1-Methylnaphthalene       | 12.923 | 142  | 371166   | 43.939 | ng/ul# | 95       |
| 39) 1,2,4,5-Tetrachloroben... | 13.052 | 216  | 198849   | 47.589 | ng/ul# | 92       |
| 40) Hexachlorocyclopentadiene | 13.005 | 237  | 83860    | 33.430 | ng/ul# | 92       |
| 41) 2,4,6-Trichlorophenol     | 13.299 | 196  | 133621   | 47.129 | ng/ul  | 97       |
| 42) 2,4,5-Trichlorophenol     | 13.369 | 196  | 146075   | 47.438 | ng/ul  | 95       |
| 43) 1,1'-Biphenyl             | 13.698 | 154  | 534818   | 46.323 | ng/ul  | 98       |
| 44) 2-Chloronaphthalene       | 13.757 | 162  | 411217   | 46.336 | ng/ul  | 98       |
| 45) 2-Nitroaniline            | 13.974 | 65   | 143372   | 49.335 | ng/ul  | 95       |
| 47) Dimethylphthalate         | 14.309 | 163  | 555242   | 48.072 | ng/ul  | 99       |
| 48) 2,6-Dinitrotoluene        | 14.456 | 165  | 122112   | 52.404 | ng/ul  | 97       |
| 50) Acenaphthylene            | 14.597 | 152  | 667027   | 45.373 | ng/ul  | 98       |
| 51) 3-Nitroaniline            | 14.797 | 138  | 110567   | 48.458 | ng/ul  | 96       |
| 52) Acenaphthene              | 14.932 | 153  | 458908   | 46.136 | ng/ul  | 98       |
| 53) 2,4-Dinitrophenol         | 14.991 | 184  | 71636    | 42.799 | ng/ul  | 93       |
| 55) 4-Nitrophenol             | 15.073 | 109  | 14788    | 10.177 | ng/ul  | 88       |
| 56) Dibenzofuran              | 15.261 | 168  | 635650   | 46.315 | ng/ul  | 98       |
| 57) 2,4-Dinitrotoluene        | 15.232 | 165  | 165067   | 48.369 | ng/ul# | 92       |
| 58) 2,3,4,6-Tetrachlorophenol | 15.473 | 232  | 139587   | 47.242 | ng/ul# | 94       |
| 59) Diethylphthalate          | 15.655 | 149  | 536824   | 46.731 | ng/ul  | 100      |
| 61) Fluorene                  | 15.907 | 166  | 553301   | 47.382 | ng/ul  | 96       |
| 62) 4-Chlorophenyl-phenyle... | 15.890 | 204  | 275300   | 47.712 | ng/ul  | 97       |
| 63) 4-Nitroaniline            | 15.960 | 138  | 118153   | 57.517 | ng/ul  | 97       |
| 66) 4,6-Dinitro-2-methylph... | 15.984 | 198  | 114237m  | 51.909 | ng/ul  |          |
| 67) N-Nitrosodiphenylamine    | 16.113 | 169  | 459131   | 51.770 | ng/ul  | 99       |
| 68) 4-Bromophenyl-phenylether | 16.789 | 248  | 167597   | 50.362 | ng/ul  | 98       |
| 69) Hexachlorobenzene         | 16.883 | 284  | 191443   | 50.398 | ng/ul  | 98       |
| 70) Atrazine                  | 17.047 | 200  | 165952   | 47.196 | ng/ul  | 96       |
| 71) Pentachlorophenol         | 17.235 | 266  | 117636   | 53.285 | ng/ul  | 95       |
| 72) Phenanthrene              | 17.658 | 178  | 937283m  | 50.499 | ng/ul  |          |
| 74) Anthracene                | 17.752 | 178  | 931477   | 49.345 | ng/ul  | 99       |
| 75) 1,2,3,4-Tetrachloroben... | 13.663 | 216  | 195864   | 48.106 | ng/uL  | 93       |
| 76) Pentachlorobenzene        | 15.155 | 250  | 201006   | 47.701 | ng/uL  | 96       |
| 77) Carbazole                 | 18.029 | 167  | 800032   | 50.927 | ng/ul  | 97       |
| 78) Di-n-butylphthalate       | 18.528 | 149  | 960609   | 51.685 | ng/ul  | 99       |
| 80) Fluoranthene              | 19.656 | 202  | 1056701  | 51.427 | ng/ul  | 97       |
| 82) Pyrene                    | 20.020 | 202  | 1099751  | 51.499 | ng/ul  | 97       |
| 83) Butylbenzylphthalate      | 20.866 | 149  | 414735   | 52.563 | ng/ul  | 100      |
| 84) 3,3'-Dichlorobenzidine    | 21.812 | 252  | 211592   | 31.115 | ng/ul# | 92       |
| 85) Benzo(a)anthracene        | 21.895 | 228  | 1070210  | 51.407 | ng/ul  | 95       |
| 86) Bis(2-ethylhexyl)phtha... | 21.724 | 149  | 620570   | 52.588 | ng/ul  | 99       |
| 87) Chrysene                  | 21.971 | 228  | 1007362  | 51.515 | ng/ul  | 98       |
| 89) Di-n-octyl phthalate      | 23.017 | 149  | 1057267  | 51.659 | ng/ul  | 100      |
| 90) Benzo(b)fluoranthene      | 24.274 | 252  | 1092584  | 51.126 | ng/ul  | 99       |
| 91) Benzo(k)fluoranthene      | 24.351 | 252  | 1112776  | 51.283 | ng/ul  | 96       |
| 93) Benzo(a)pyrene            | 25.238 | 252  | 1031964  | 50.694 | ng/ul  | 98       |
| 94) Indeno(1,2,3-cd)pyrene    | 29.439 | 276  | 1212178m | 51.694 | ng/ul  |          |
| 95) Dibenzo(a,h)anthracene    | 29.515 | 278  | 976166   | 51.196 | ng/ul  | 97       |
| 96) Benzo(g,h,i)perylene      | 30.725 | 276  | 971467   | 51.947 | ng/ul  | 96       |

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

**Instrument :**

BNA\_G

**ClientSampleId :**

BBJQ2MSD

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 10/09/2023

Supervised By :mohammad ahmed 10/09/2023

