

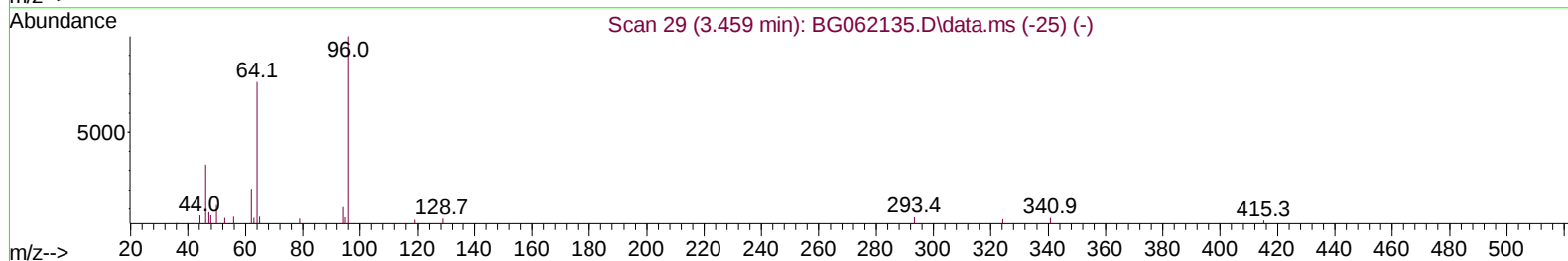
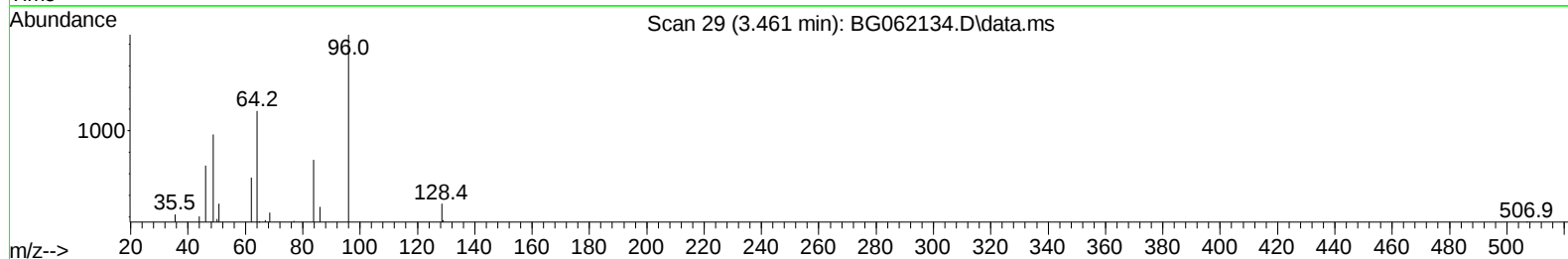
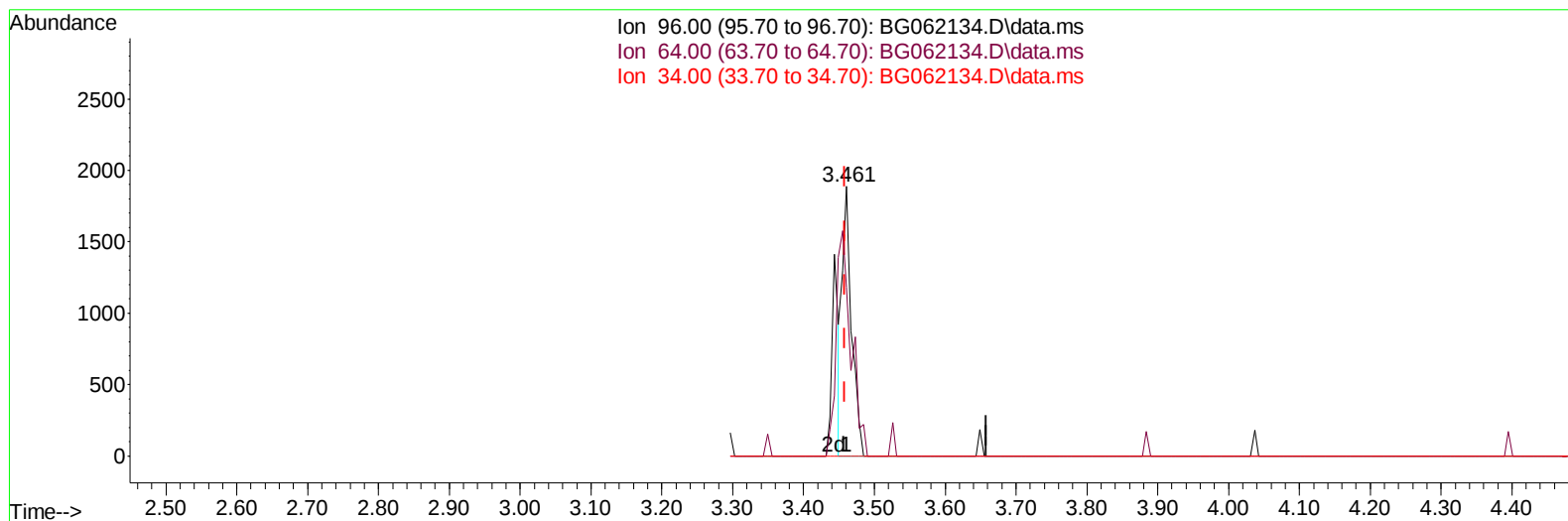
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG071924\  
Data File : BG062134.D  
Acq On : 19 Jul 2024 9:57  
Operator : MA/JU  
Sample : SSTD01023  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
SSTD010405

## Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/20/2024  
Supervised By :mohammad ahmed 07/23/2024

Quant Time: Jul 19 12:44:47 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG071924.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Fri Jul 19 12:42:00 2024  
Response via : Initial Calibration



TIC: BG062134.D\data.ms

**(3) 1,4-Dioxane-d8 (S)****3.461min (+ 0.002) 2.22 ng/uL****response 1728**

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 96.00 | 100.00 | 100.00 |
| 64.00 | 80.10  | 62.59# |
| 34.00 | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

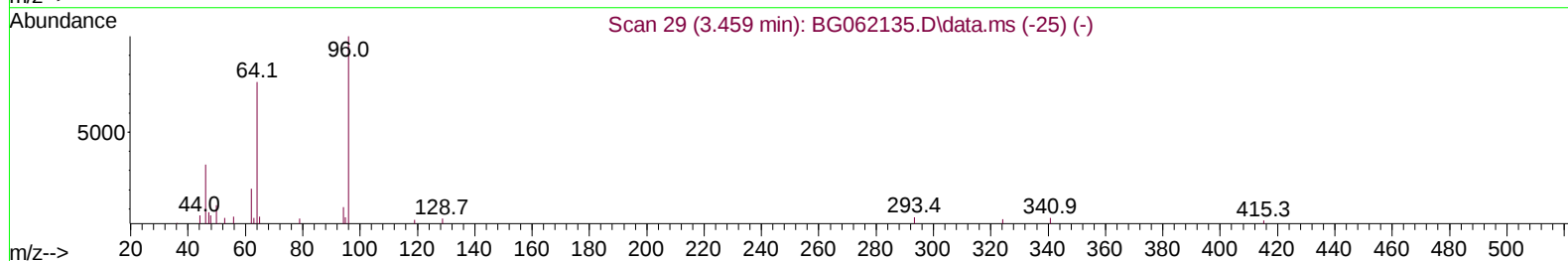
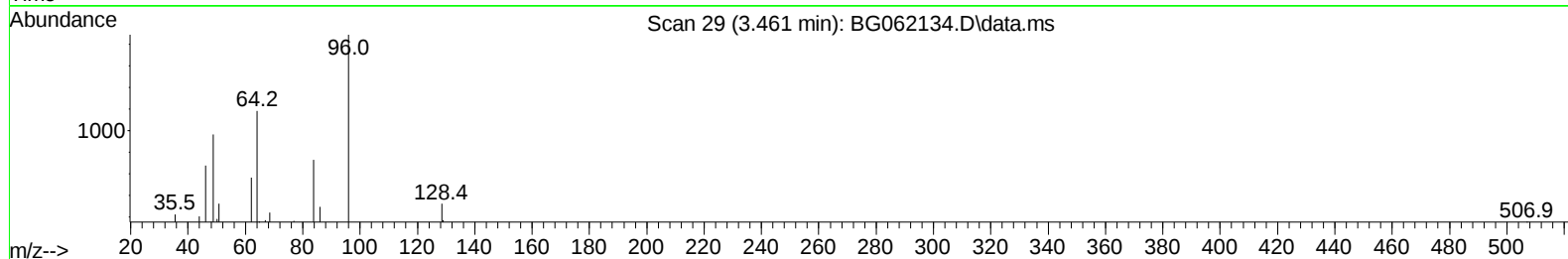
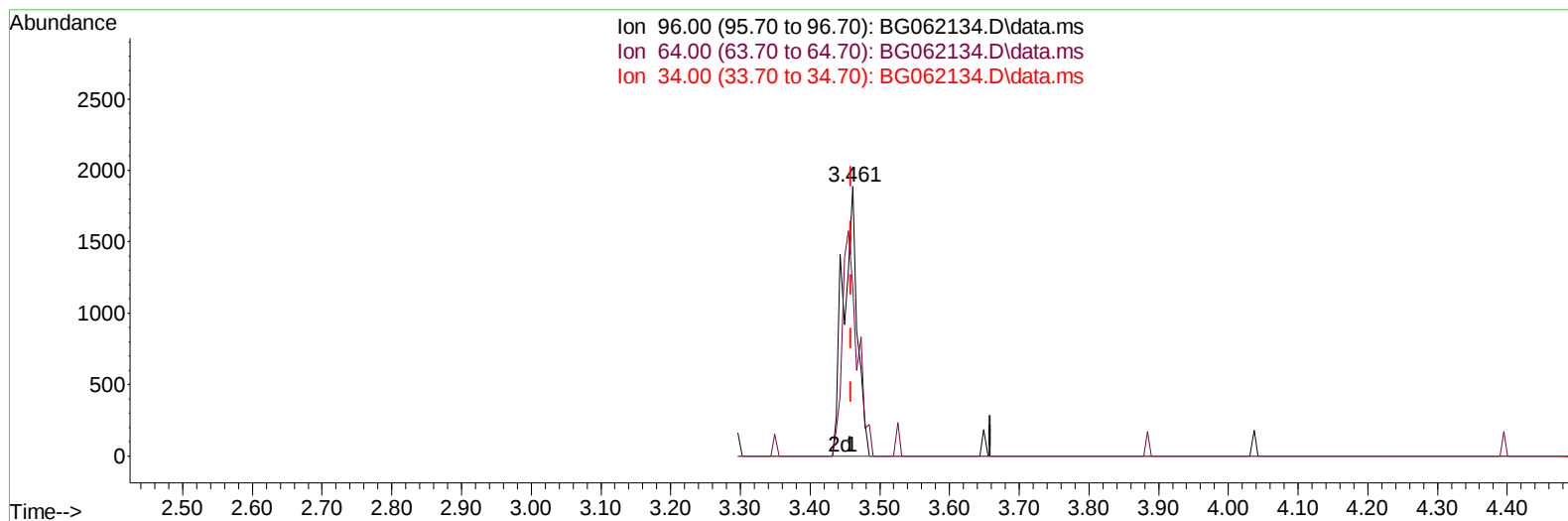
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG071924\  
Data File : BG062134.D  
Acq On : 19 Jul 2024 9:57  
Operator : MA/JU  
Sample : SSTD01023  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
SSTD010405

## Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/20/2024  
Supervised By :mohammad ahmed 07/23/2024

Quant Time: Jul 19 12:44:47 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG071924.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Fri Jul 19 12:42:00 2024  
Response via : Initial Calibration



TIC: BG062134.D\data.ms

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

3.461min (+ 0.002) 3.40 ng/uL m

response 2644

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 96.00 | 100.00 | 100.00 |
| 64.00 | 80.10  | 62.59# |
| 34.00 | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

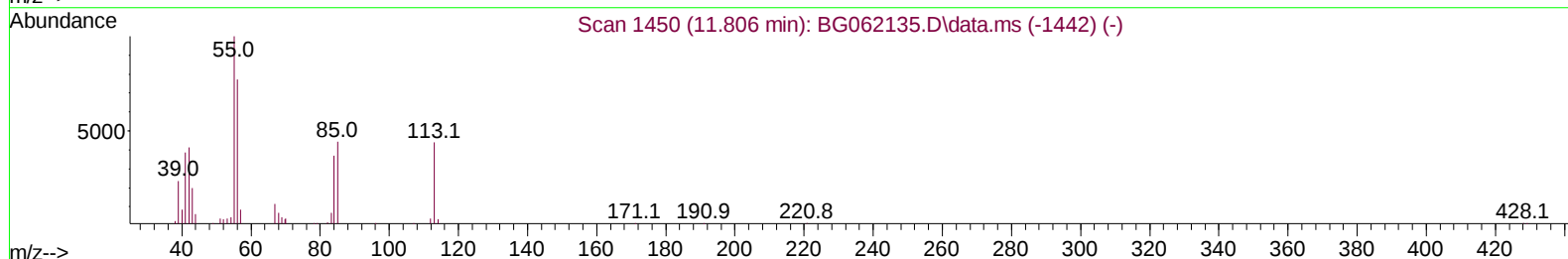
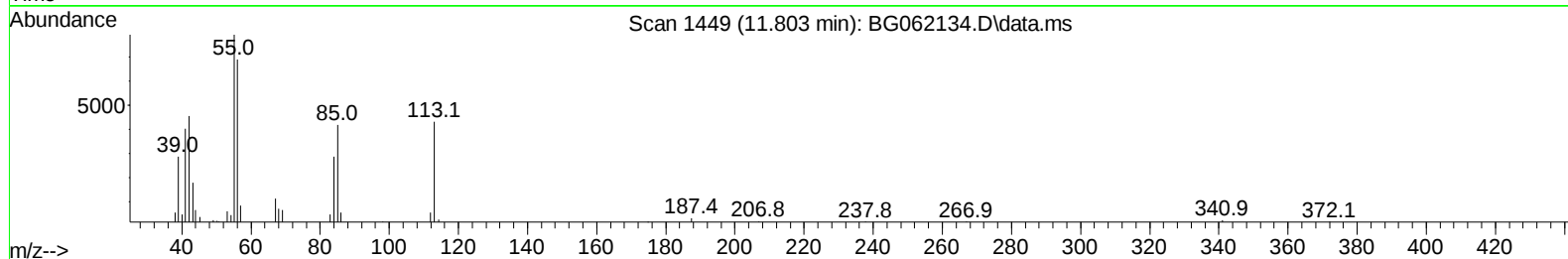
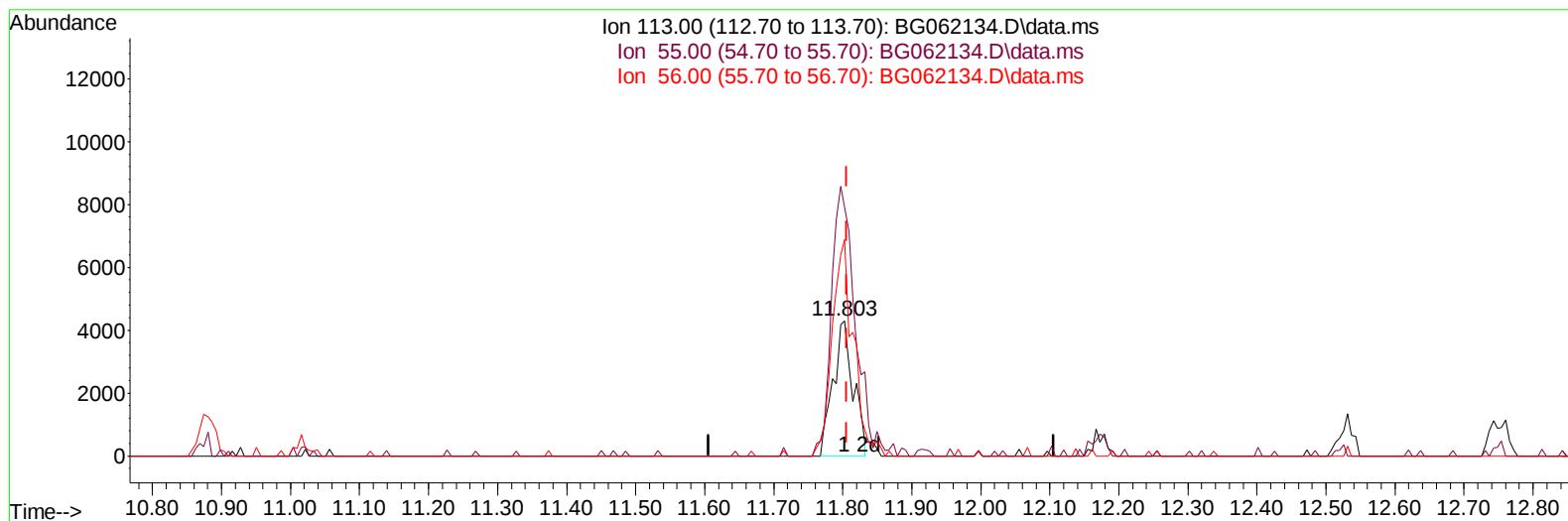
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG071924\  
 Data File : BG062134.D  
 Acq On : 19 Jul 2024 9:57  
 Operator : MA/JU  
 Sample : SSTD01023  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD010405

Manual IntegrationsAPPROVED

Quant Time: Jul 19 12:44:47 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG071924.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Jul 19 12:42:00 2024  
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/20/2024  
 Supervised By :mohammad ahmed 07/23/2024



TIC: BG062134.D\data.ms

**(34) Caprolactam**

**11.803min (-0.003) 10.14 ng/ul**

**response 8684**

| Ion    | Exp%   | Act%    |
|--------|--------|---------|
| 113.00 | 100.00 | 100.00  |
| 55.00  | 230.00 | 183.97# |
| 56.00  | 175.40 | 160.04  |
| 0.00   | 0.00   | 0.00    |

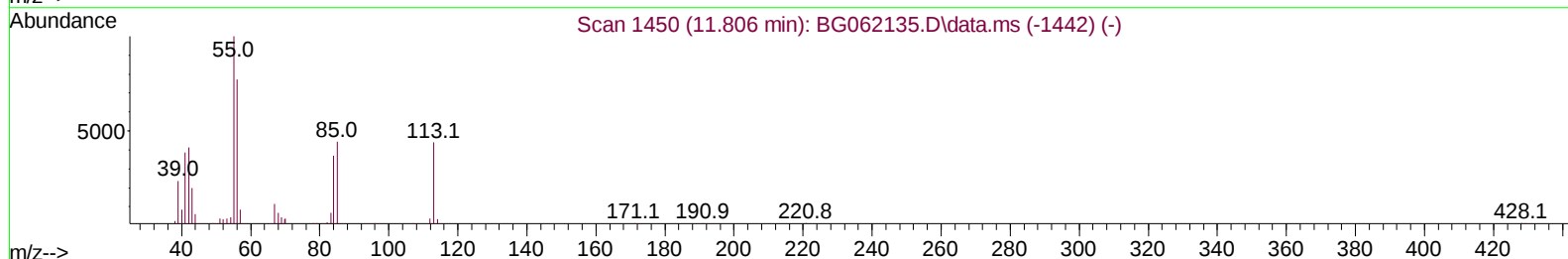
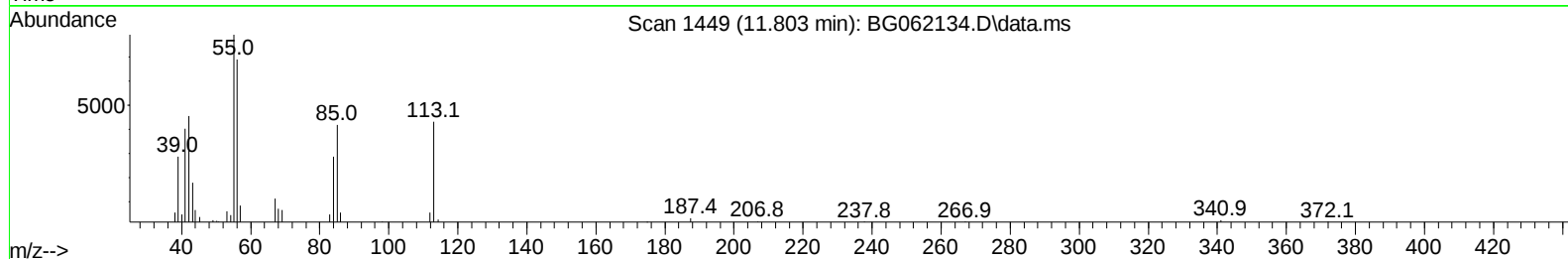
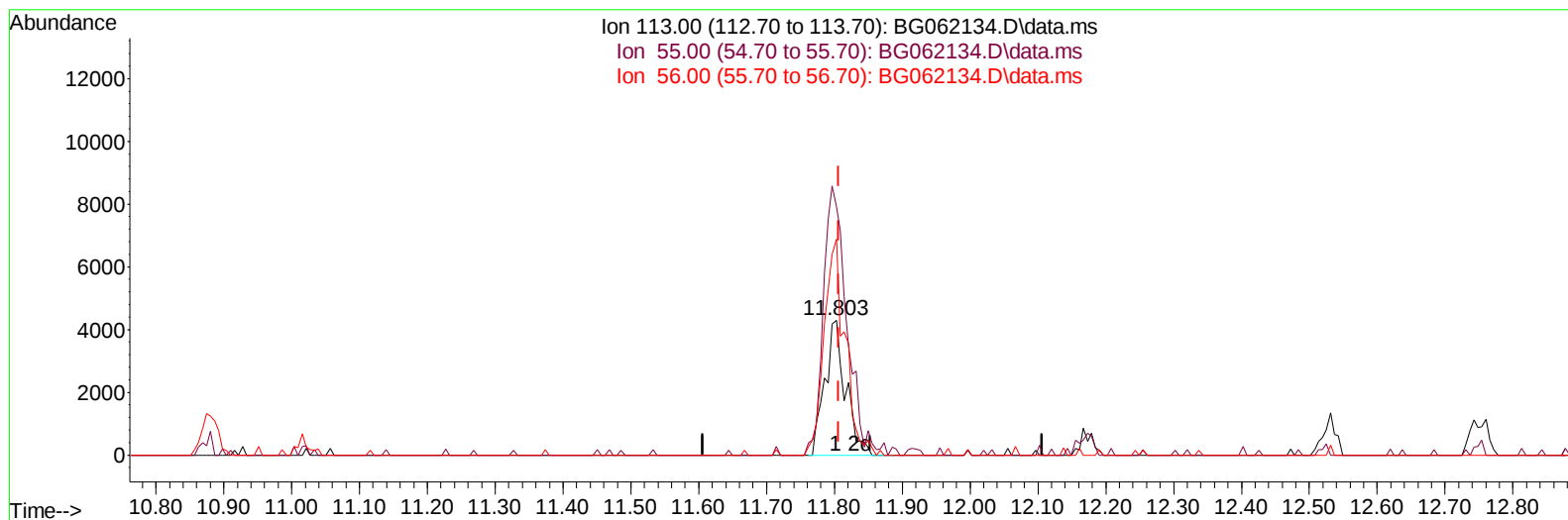
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG071924\  
 Data File : BG062134.D  
 Acq On : 19 Jul 2024 9:57  
 Operator : MA/JU  
 Sample : SST01023  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SST010405

Manual IntegrationsAPPROVED

Quant Time: Jul 19 12:44:47 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG071924.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Jul 19 12:42:00 2024  
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/20/2024  
 Supervised By :mohammad ahmed 07/23/2024



TIC: BG062134.D\data.ms

**(34) Caprolactam**

**11.803min (-0.003) 10.59 ng/ul m**

**response 9069**

| Ion    | Exp%   | Act%    |
|--------|--------|---------|
| 113.00 | 100.00 | 100.00  |
| 55.00  | 230.00 | 183.97# |
| 56.00  | 175.40 | 160.04  |
| 0.00   | 0.00   | 0.00    |

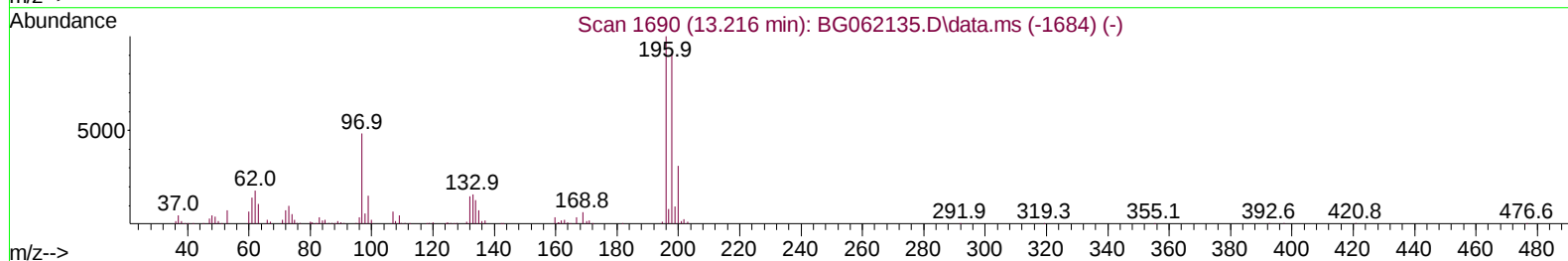
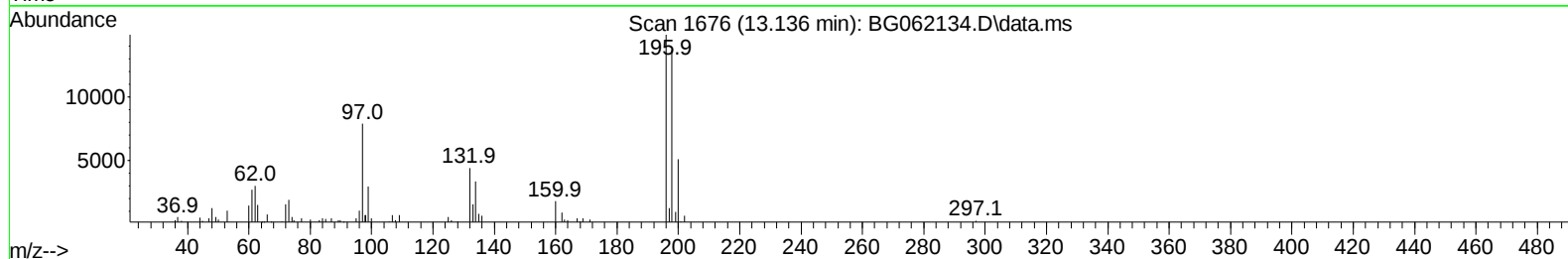
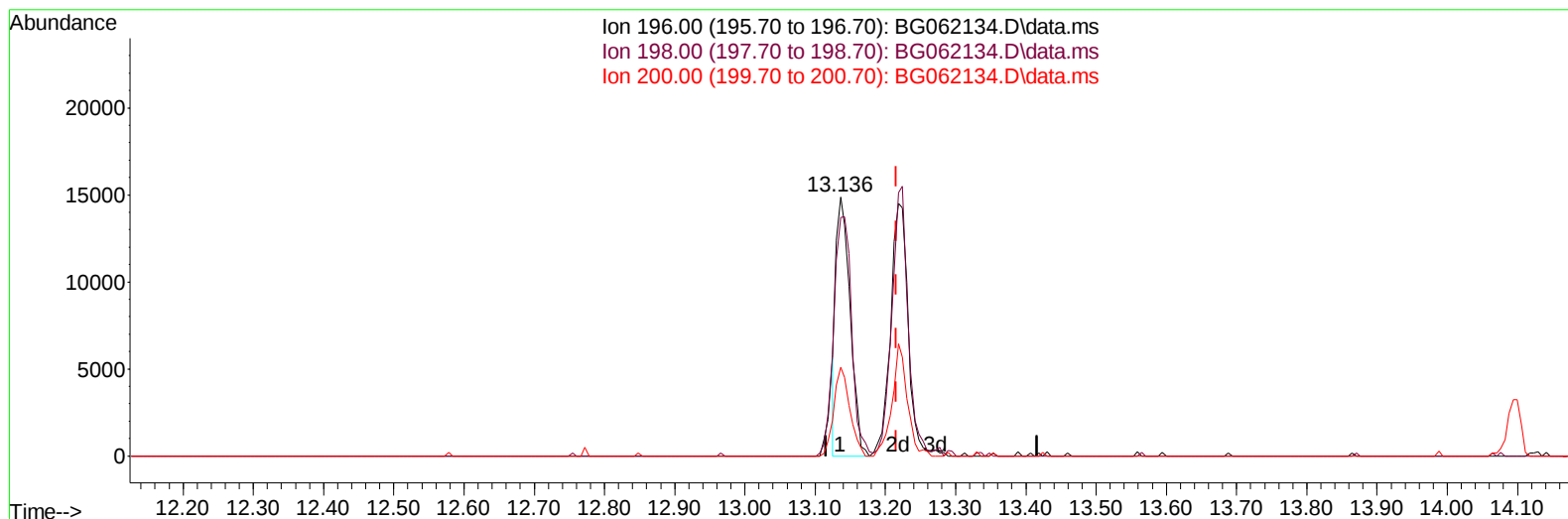
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG071924\  
Data File : BG062134.D  
Acq On : 19 Jul 2024 9:57  
Operator : MA/JU  
Sample : SSTD01023  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
SSTD010405

Manual IntegrationsAPPROVED

Quant Time: Jul 19 12:44:47 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG071924.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Fri Jul 19 12:42:00 2024  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/20/2024  
Supervised By :mohammad ahmed 07/23/2024



TIC: BG062134.D\data.ms

(42) 2,4,5-Trichlorophenol

13.136min (-0.080) 7.23 ng/u1

response 21032

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 196.00 | 100.00 | 100.00 |
| 198.00 | 90.20  | 92.02  |
| 200.00 | 31.40  | 34.32  |
| 0.00   | 0.00   | 0.00   |

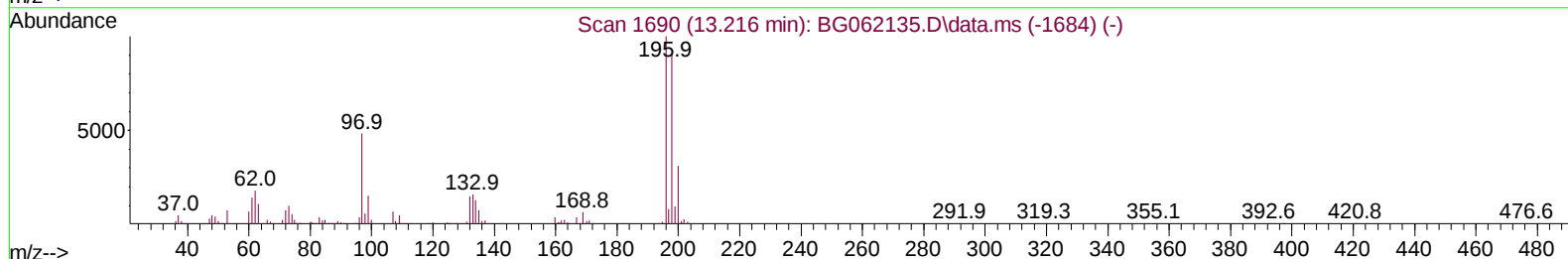
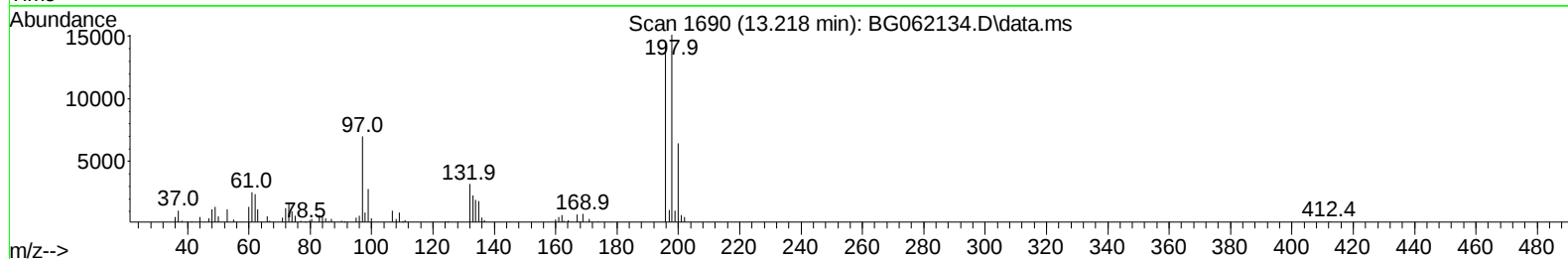
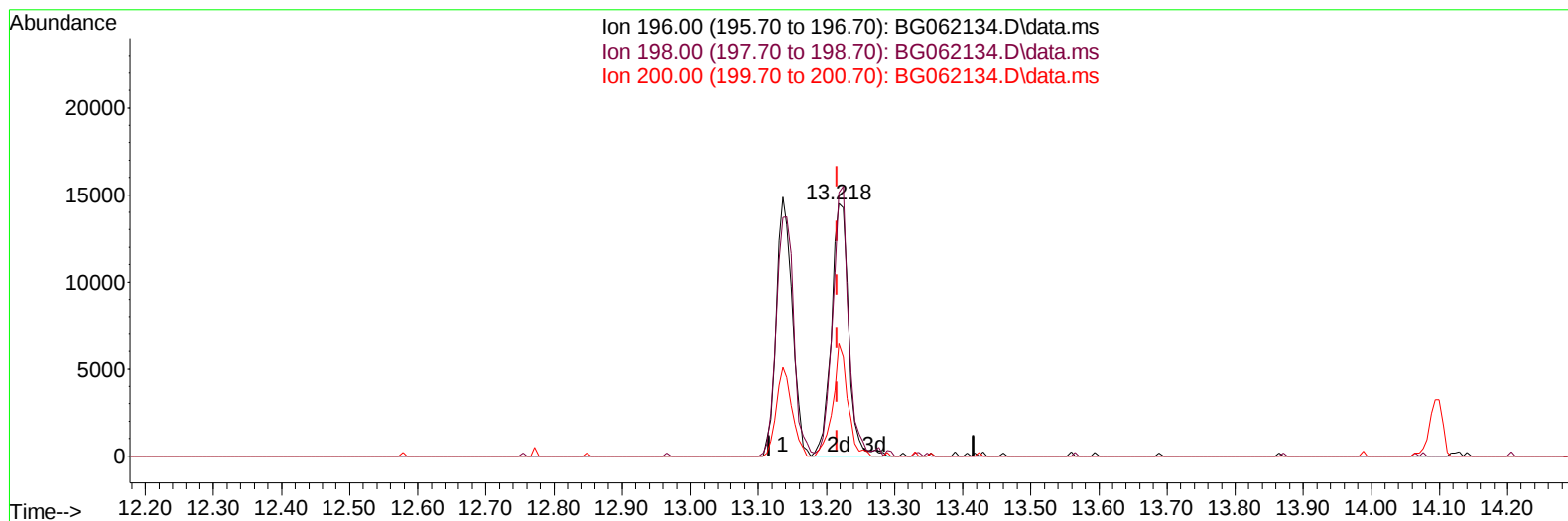
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG071924\  
Data File : BG062134.D  
Acq On : 19 Jul 2024 9:57  
Operator : MA/JU  
Sample : SSTD01023  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
SSTD010405

Manual IntegrationsAPPROVED

Quant Time: Jul 19 12:44:47 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG071924.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Fri Jul 19 12:42:00 2024  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/20/2024  
Supervised By :mohammad ahmed 07/23/2024



TIC: BG062134.D\data.ms

(42) 2,4,5-Trichlorophenol

13.218min (+ 0.003) 8.76 ng/ul m

response 25469

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 196.00 | 100.00 | 100.00 |
| 198.00 | 90.20  | 104.33 |
| 200.00 | 31.40  | 44.54# |
| 0.00   | 0.00   | 0.00   |

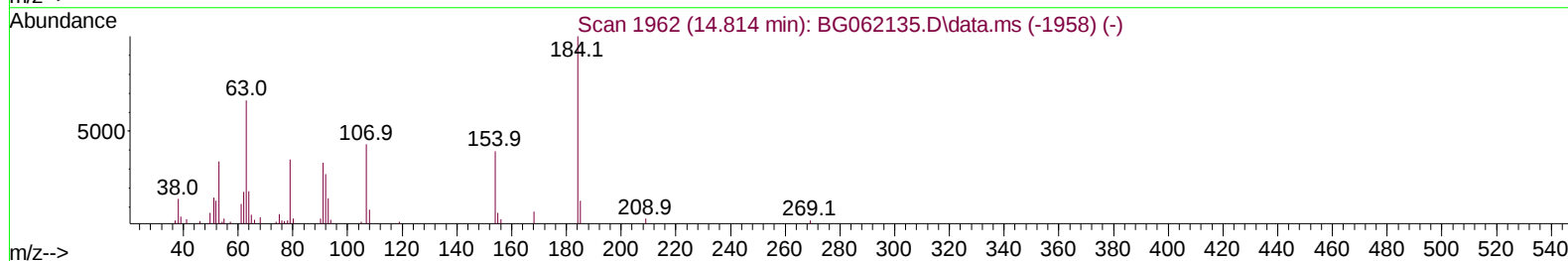
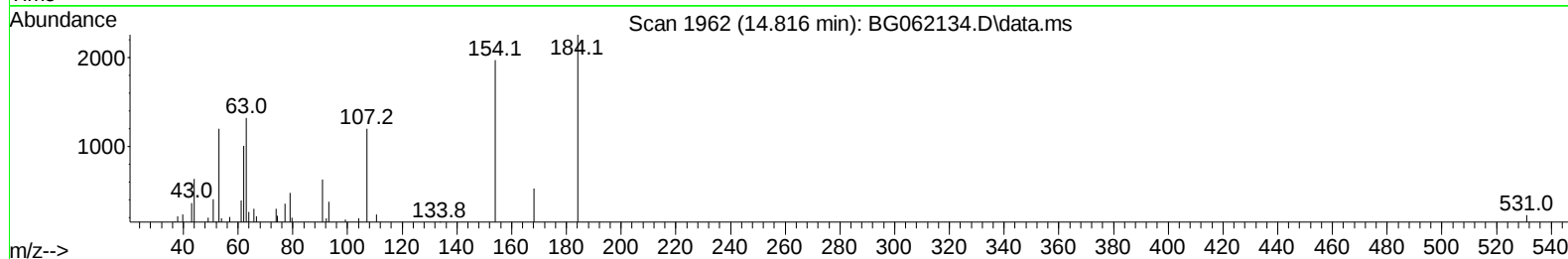
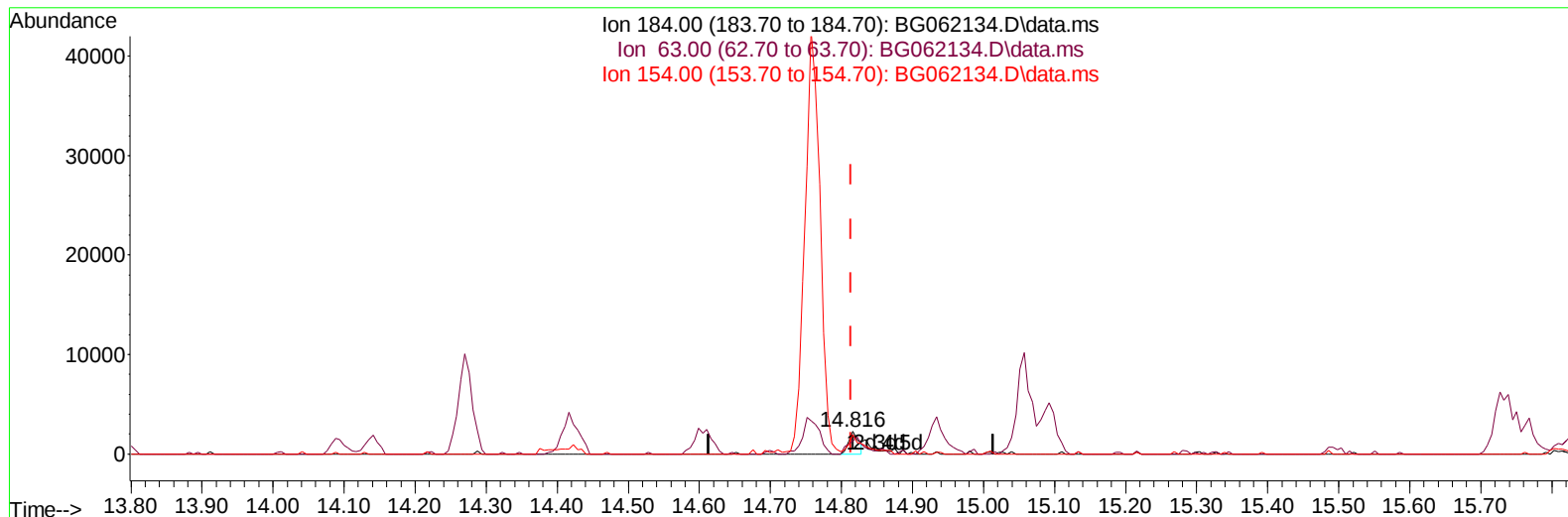
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG071924\  
Data File : BG062134.D  
Acq On : 19 Jul 2024 9:57  
Operator : MA/JU  
Sample : SST01023  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
SSTD010405

Manual IntegrationsAPPROVED

Quant Time: Jul 19 12:44:47 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG071924.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Fri Jul 19 12:42:00 2024  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/20/2024  
Supervised By :mohammad ahmed 07/23/2024



TIC: BG062134.D\data.ms

(53) 2,4-Dinitrophenol

14.816min (+ 0.003) 3.54 ng/ul

response 2283

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 184.00 | 100.00 | 100.00 |
| 63.00  | 66.20  | 58.62  |
| 154.00 | 51.40  | 87.33# |
| 0.00   | 0.00   | 0.00   |

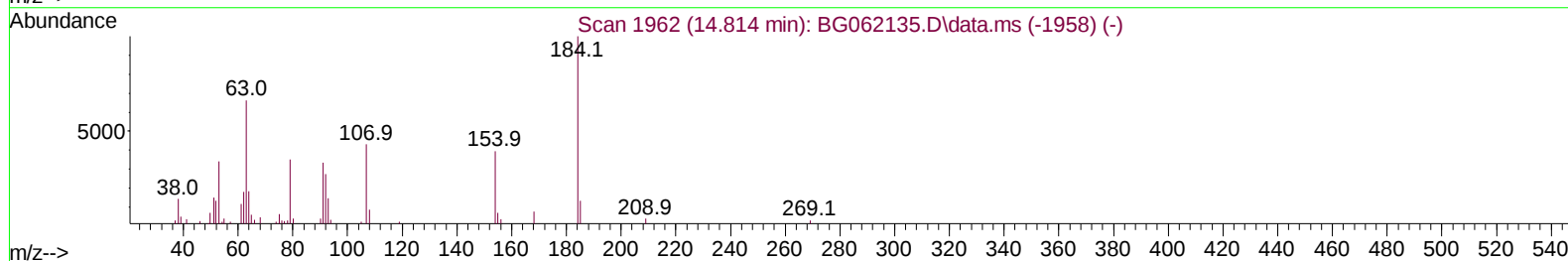
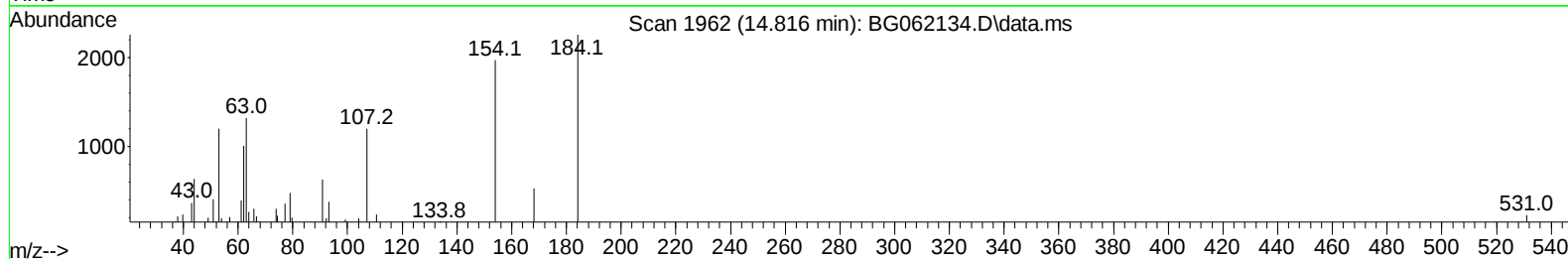
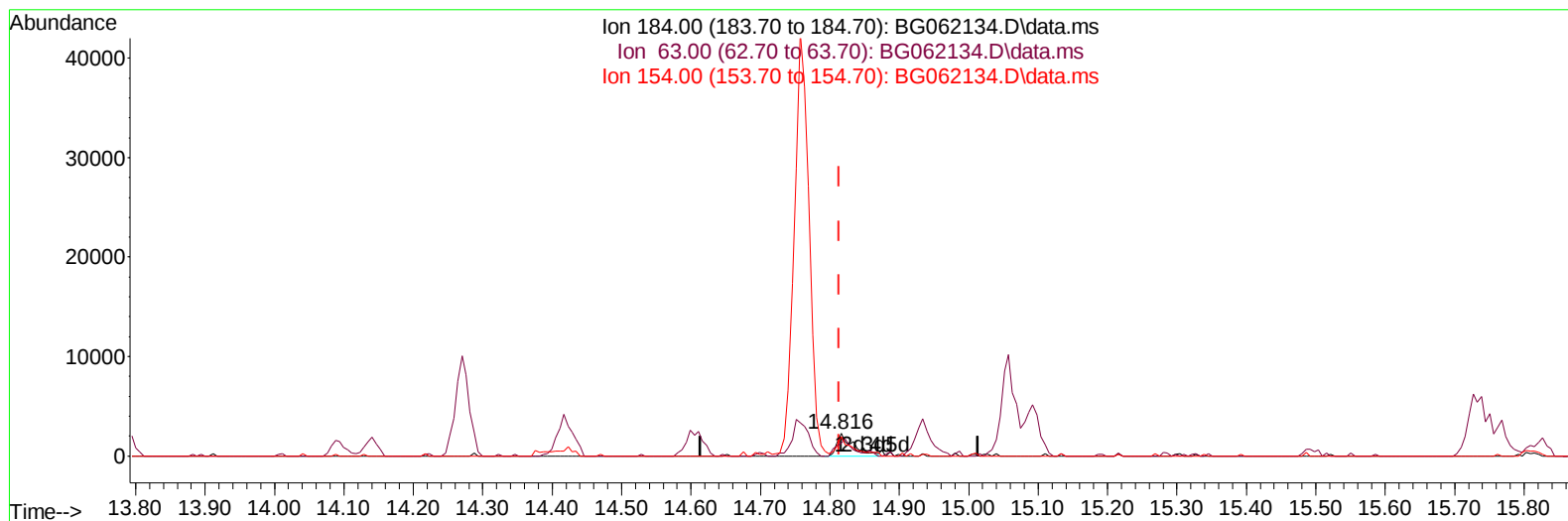
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG071924\  
Data File : BG062134.D  
Acq On : 19 Jul 2024 9:57  
Operator : MA/JU  
Sample : SST01023  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
SSTD010405

Manual IntegrationsAPPROVED

Quant Time: Jul 19 12:44:47 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG071924.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Fri Jul 19 12:42:00 2024  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/20/2024  
Supervised By :mohammad ahmed 07/23/2024



TIC: BG062134.D\data.ms

(53) 2,4-Dinitrophenol

14.816min (+ 0.003) 5.64 ng/ul m

response 3638

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 184.00 | 100.00 | 100.00 |
| 63.00  | 66.20  | 58.62  |
| 154.00 | 51.40  | 87.33# |
| 0.00   | 0.00   | 0.00   |

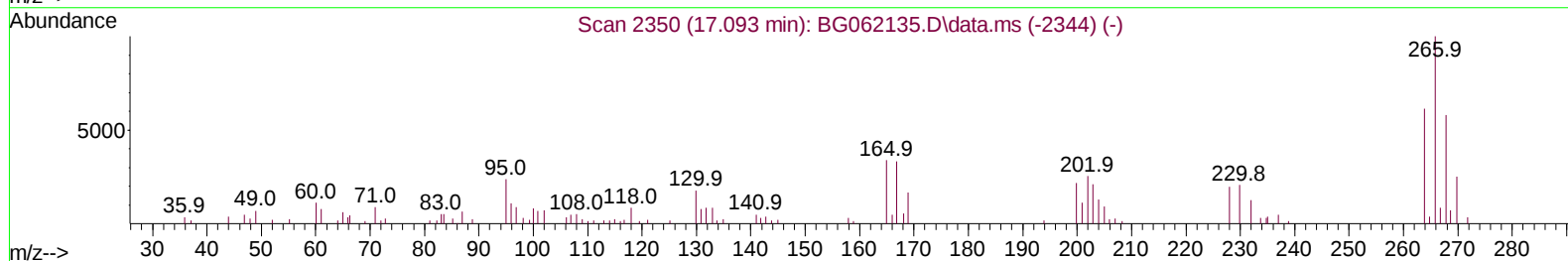
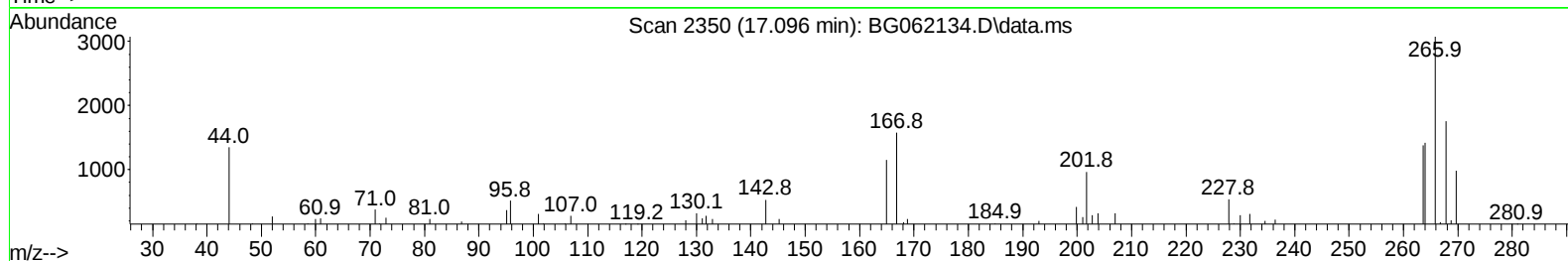
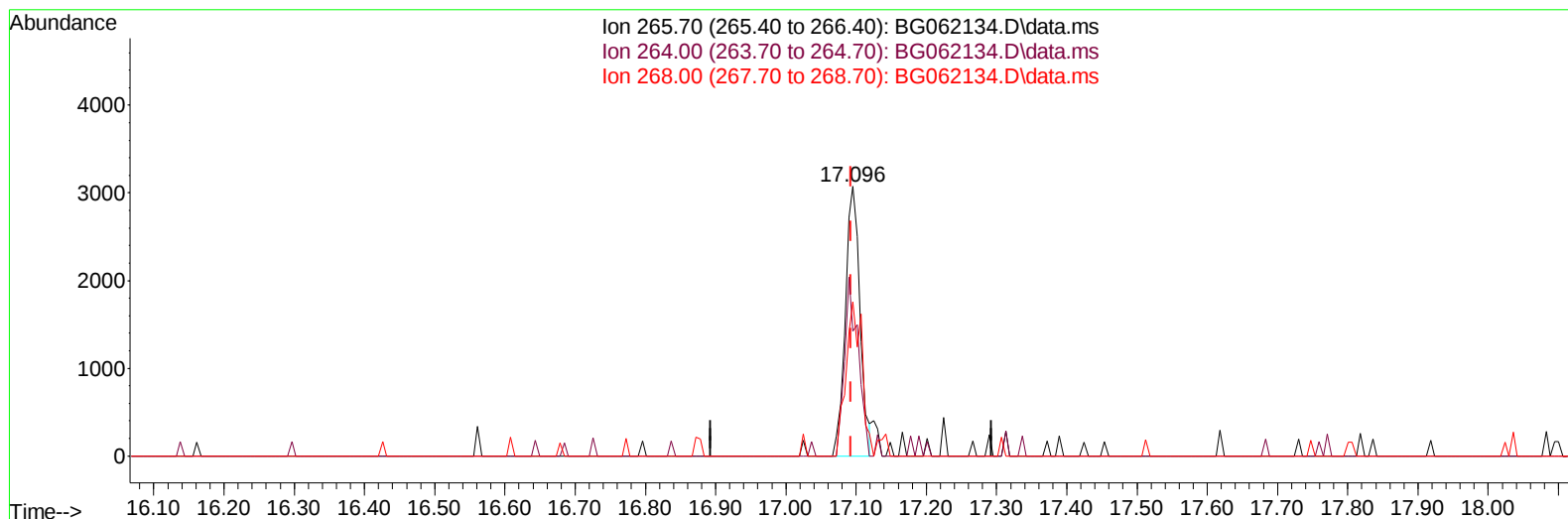
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG071924\  
 Data File : BG062134.D  
 Acq On : 19 Jul 2024 9:57  
 Operator : MA/JU  
 Sample : SST01023  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SST010405

Manual IntegrationsAPPROVED

Quant Time: Jul 19 12:44:47 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG071924.MA.M  
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TIC: BG062134.D\data.ms

**(71) Pentachlorophenol (C)**

**17.096min (+ 0.003) 6.33 ng/u1**

**response 4455**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 265.70 | 100.00 | 100.00 |
| 264.00 | 61.20  | 46.31# |
| 268.00 | 65.00  | 57.11  |
| 0.00   | 0.00   | 0.00   |

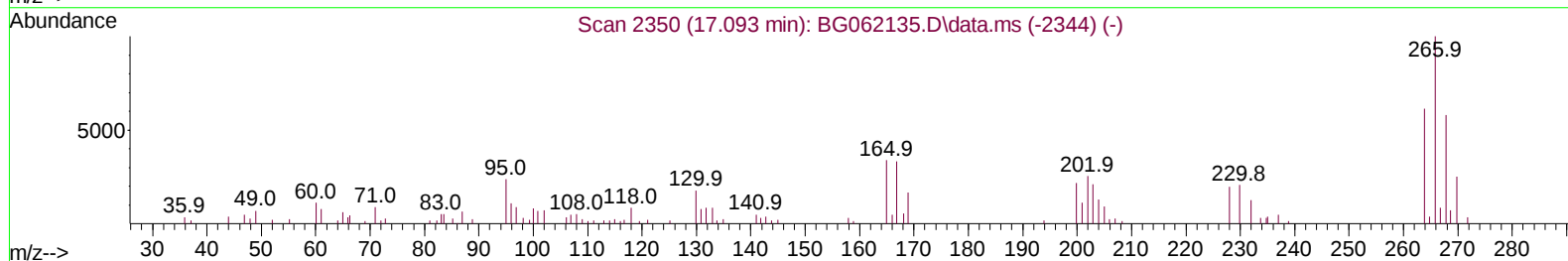
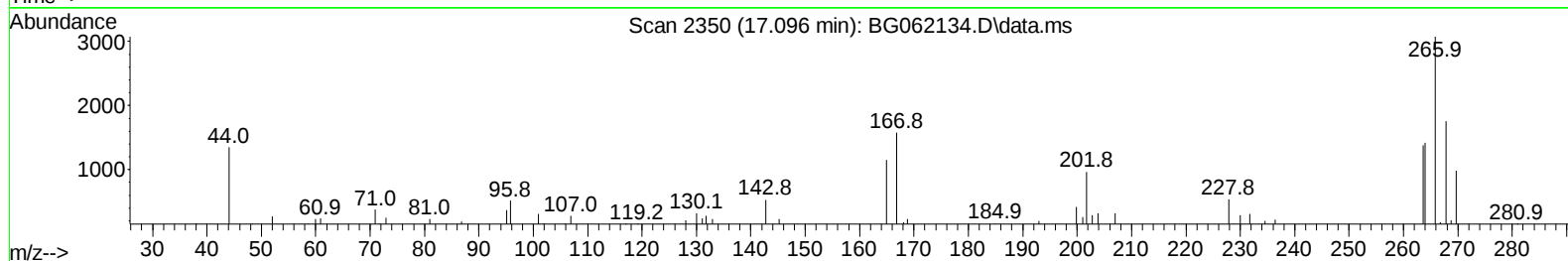
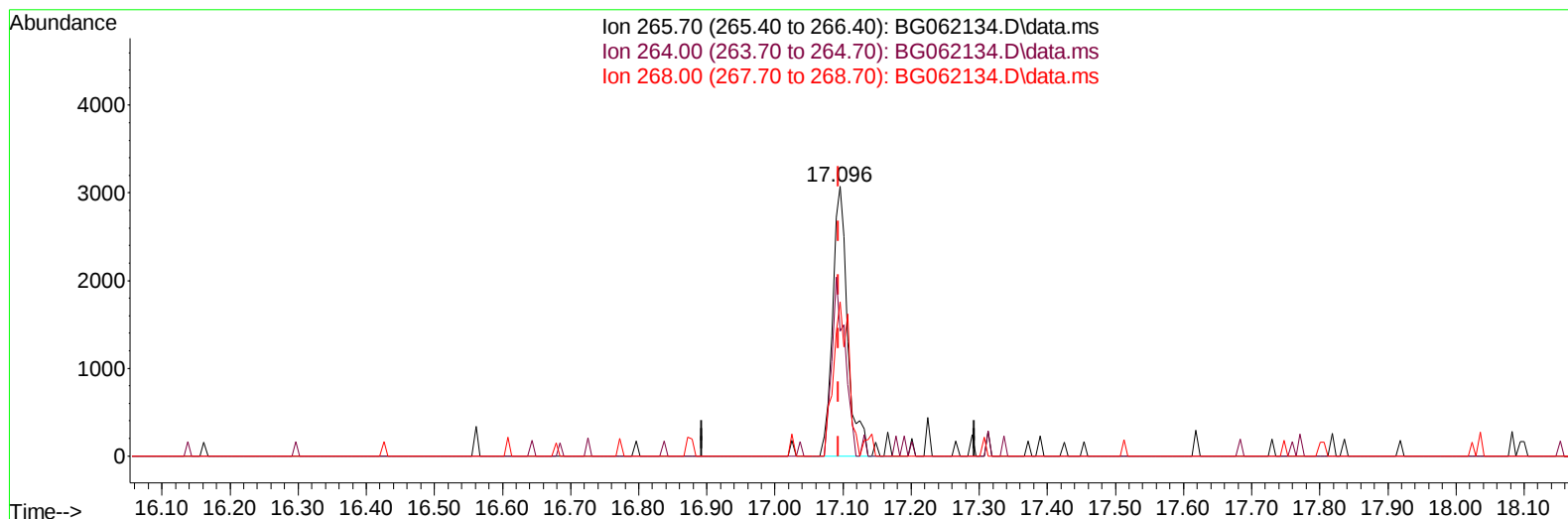
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG071924\  
 Data File : BG062134.D  
 Acq On : 19 Jul 2024 9:57  
 Operator : MA/JU  
 Sample : SSTD01023  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD010405

Manual IntegrationsAPPROVED

Quant Time: Jul 19 12:44:47 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG071924.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Jul 19 12:42:00 2024  
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/20/2024  
 Supervised By :mohammad ahmed 07/23/2024



TIC: BG062134.D\data.ms

**(71) Pentachlorophenol (C)**

**17.096min (+ 0.003) 6.90 ng/ul m**

**response 4858**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 265.70 | 100.00 | 100.00 |
| 264.00 | 61.20  | 46.31# |
| 268.00 | 65.00  | 57.11  |
| 0.00   | 0.00   | 0.00   |

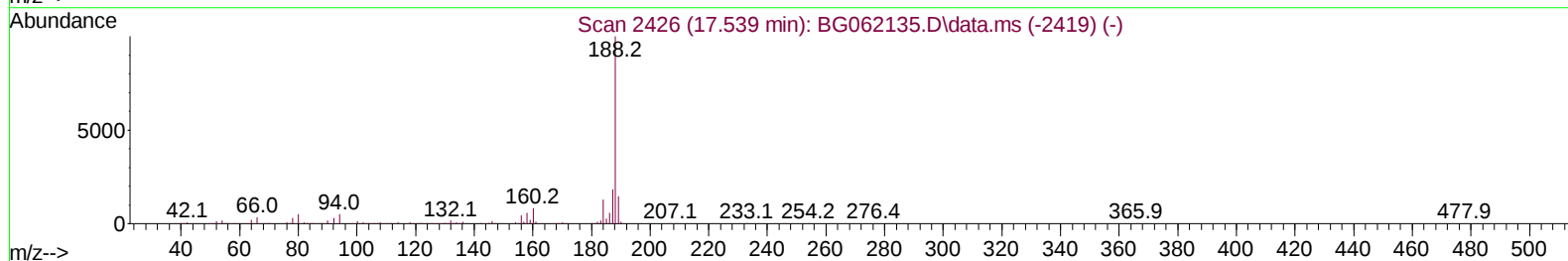
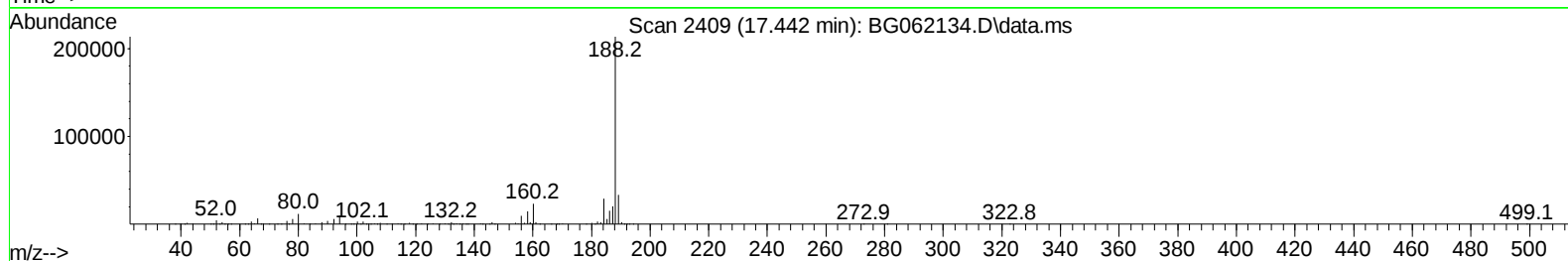
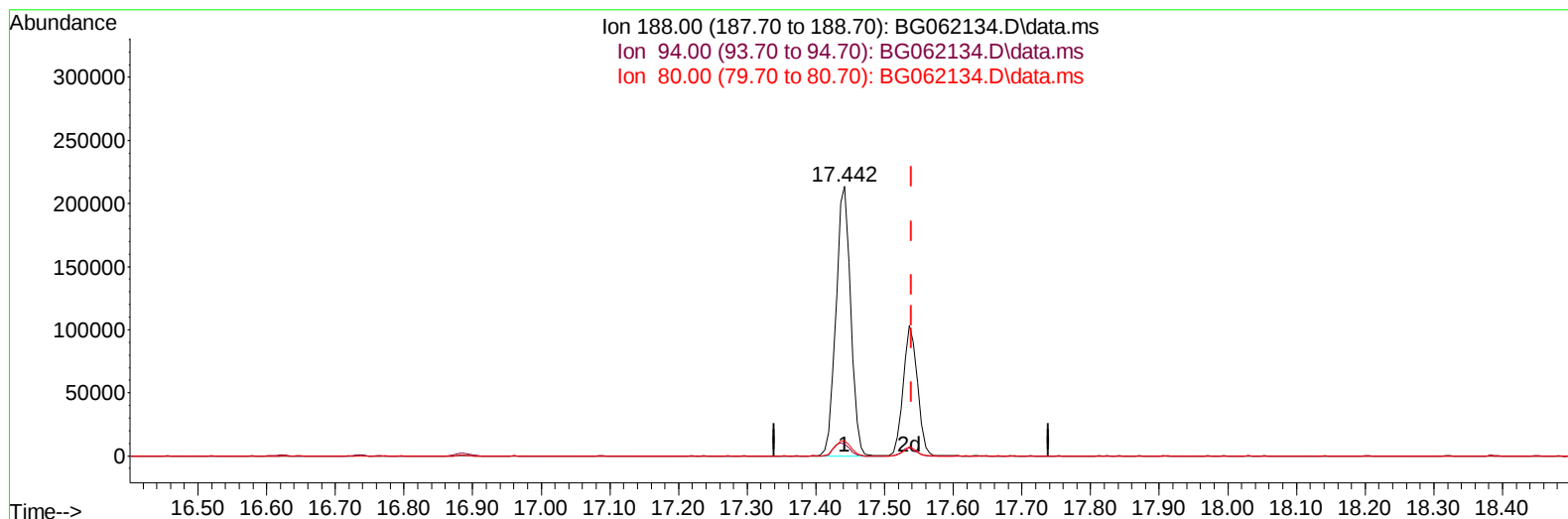
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG071924\  
Data File : BG062134.D  
Acq On : 19 Jul 2024 9:57  
Operator : MA/JU  
Sample : SST01023  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
SSTD010405

Manual IntegrationsAPPROVED

Quant Time: Jul 19 12:44:47 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG071924.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Fri Jul 19 12:42:00 2024  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/20/2024  
Supervised By :mohammad ahmed 07/23/2024



TIC: BG062134.D\data.ms

(73) Anthracene-d10 (S)

17.442min (-0.097) 21.91 ng/u1

response 316527

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 188.00 | 100.00 | 100.00 |
| 94.00  | 5.20   | 4.36   |
| 80.00  | 5.10   | 5.60   |
| 0.00   | 0.00   | 0.00   |

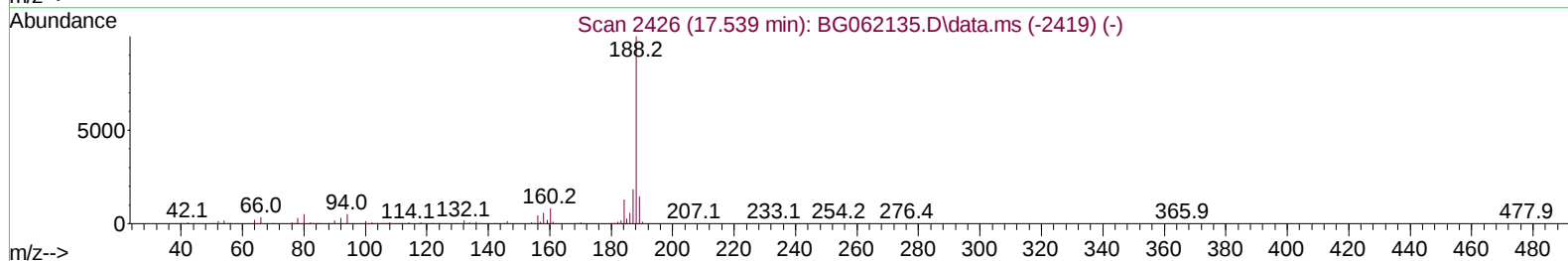
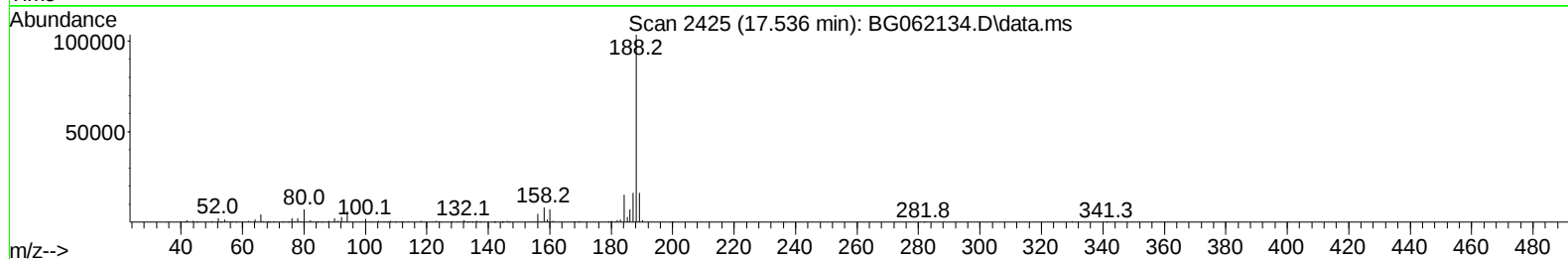
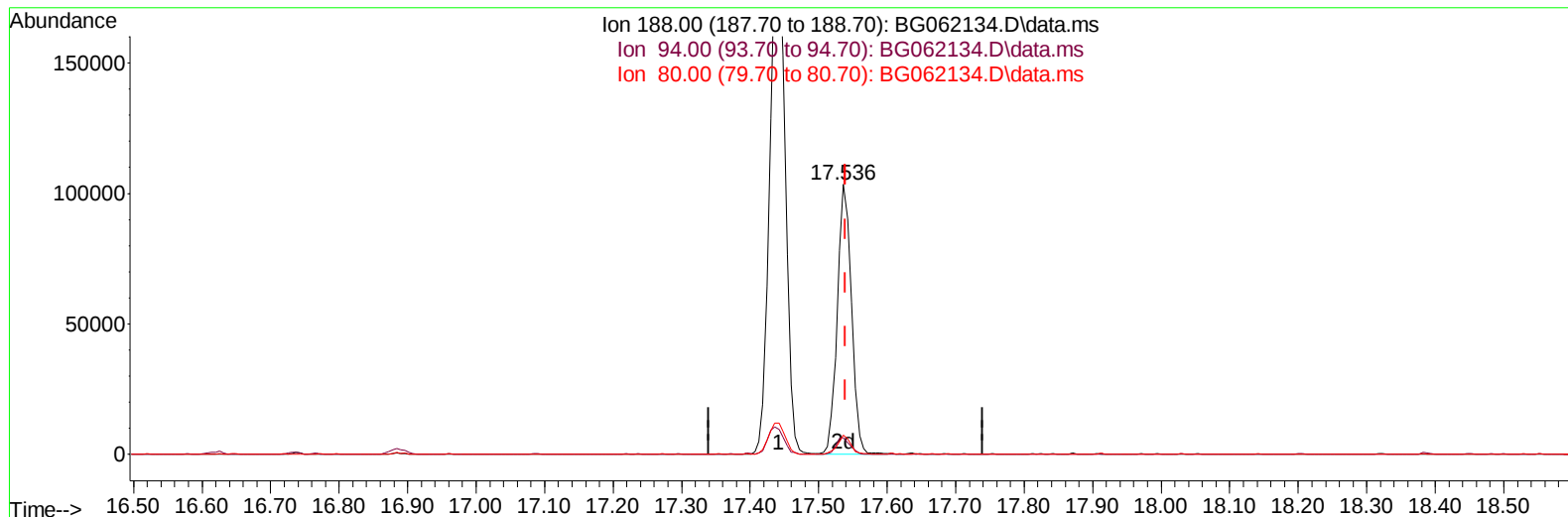
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG071924\  
Data File : BG062134.D  
Acq On : 19 Jul 2024 9:57  
Operator : MA/JU  
Sample : SST01023  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
SSTD010405

Manual IntegrationsAPPROVED

Quant Time: Jul 19 12:44:47 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG071924.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Fri Jul 19 12:42:00 2024  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/20/2024  
Supervised By :mohammad ahmed 07/23/2024



TIC: BG062134.D\data.ms

(73) Anthracene-d10 (S)

17.536min (-0.003) 10.30 ng/ul m

response 148763

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 188.00 | 100.00 | 100.00 |
| 94.00  | 5.20   | 6.06   |
| 80.00  | 5.10   | 7.07#  |
| 0.00   | 0.00   | 0.00   |

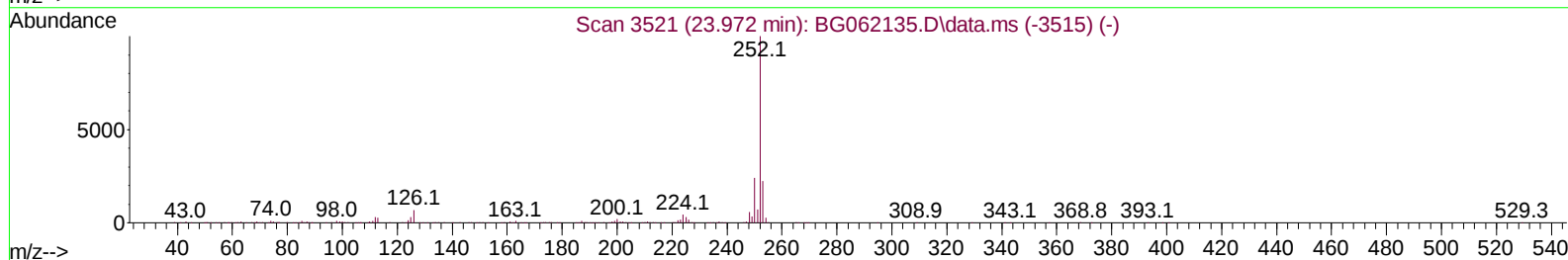
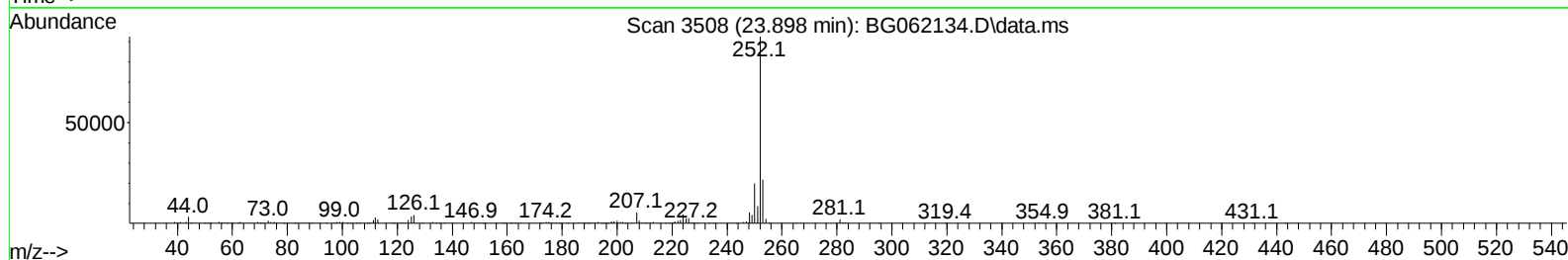
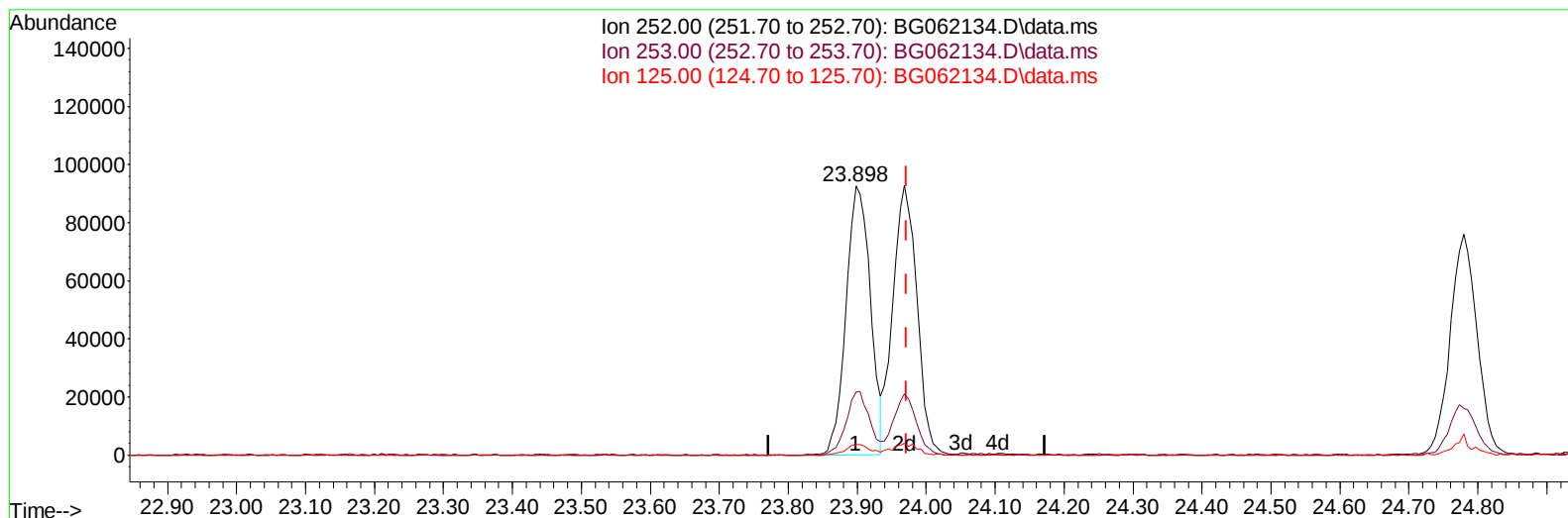
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG071924\  
Data File : BG062134.D  
Acq On : 19 Jul 2024 9:57  
Operator : MA/JU  
Sample : SSTD01023  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
SSTD010405

Manual IntegrationsAPPROVED

Quant Time: Jul 19 12:44:47 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG071924.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Fri Jul 19 12:42:00 2024  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/20/2024  
Supervised By :mohammad ahmed 07/23/2024



TIC: BG062134.D\data.ms

(91) Benzo(k)fluoranthene

23.898min (-0.074) 10.10 ng/u1

response 226509

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 22.70  | 23.47  |
| 125.00 | 3.40   | 3.90   |
| 0.00   | 0.00   | 0.00   |

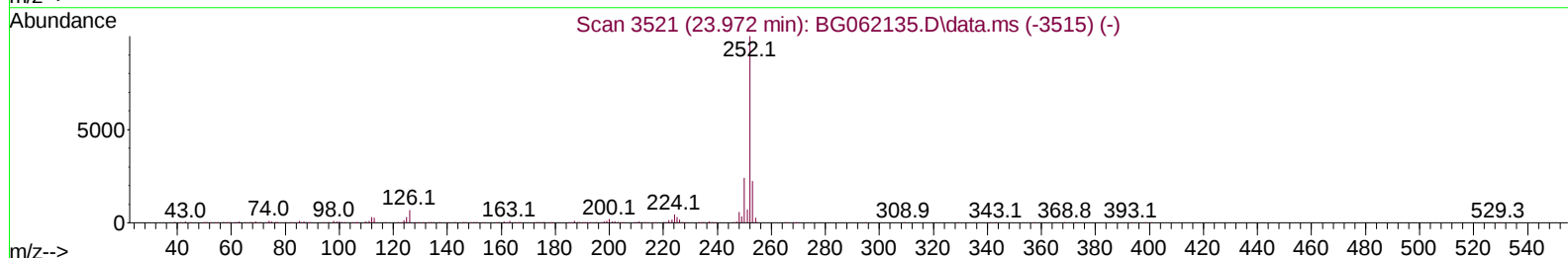
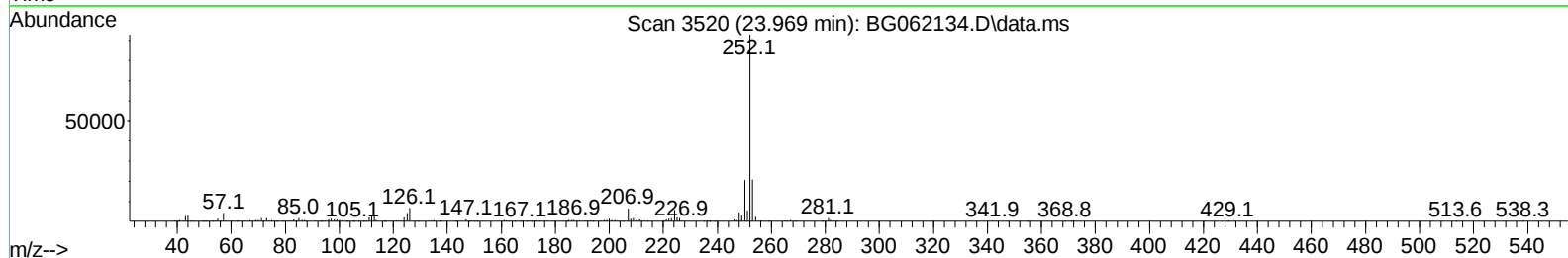
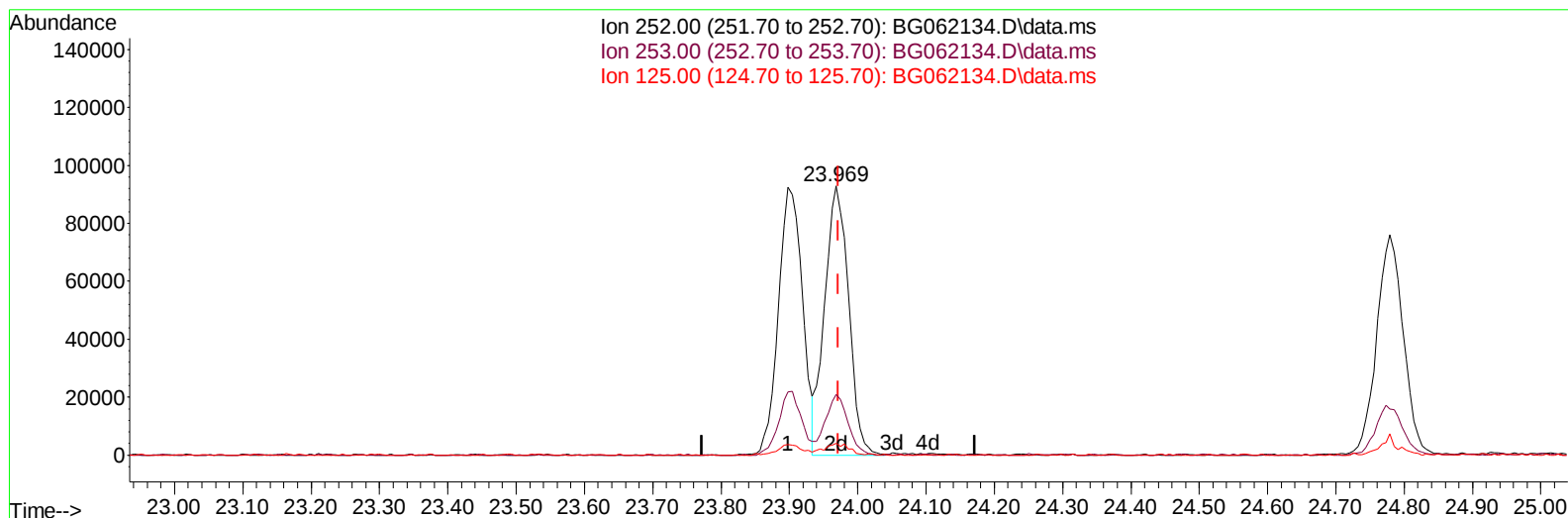
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG071924\  
 Data File : BG062134.D  
 Acq On : 19 Jul 2024 9:57  
 Operator : MA/JU  
 Sample : SSTD01023  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD010405

Manual IntegrationsAPPROVED

Quant Time: Jul 19 12:44:47 2024  
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 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Jul 19 12:42:00 2024  
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Reviewed By :Yogesh Patel 07/20/2024  
 Supervised By :mohammad ahmed 07/23/2024



TIC: BG062134.D\data.ms

(91) Benzo(k)fluoranthene

23.969min (-0.003) 10.05 ng/ul m

response 225482

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 22.70  | 22.63  |
| 125.00 | 3.40   | 4.41#  |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG071924\  
 Data File : BG062134.D  
 Acq On : 19 Jul 2024 9:57  
 Operator : MA/JU  
 Sample : SST001023  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SST0010405

Manual IntegrationsAPPROVED

Quant Time: Jul 19 12:48:04 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG071924.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Jul 19 12:42:00 2024  
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/20/2024  
 Supervised By :mohammad ahmed 07/23/2024

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.067  | 152  | 30905    | 20.000 | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 10.880 | 136  | 129553   | 20.000 | ng/ul  | # 0.00   |
| 38) Acenaphthene-d10          | 14.693 | 164  | 115324   | 20.000 | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.442 | 188  | 316527   | 20.000 | ng/ul  | 0.00     |
| 79) Chrysene-d12              | 21.701 | 240  | 354453   | 20.000 | ng/ul  | 0.00     |
| 88) Perylene-d12              | 24.932 | 264  | 368894   | 20.000 | ng/ul  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.461  | 96   | 2644m    | 3.397  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.884  | 84   | 21390    | 7.493  | ng/ul  | 0.00     |
| 7) Phenol-d5                  | 7.238  | 99   | 27969    | 8.412  | ng/ul  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.385  | 67   | 16626    | 8.850  | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.602  | 132  | 17331    | 8.351  | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.783  | 113  | 21557    | 8.748  | ng/ul  | 0.00     |
| 21) Nitrobenzene-d5           | 9.236  | 128  | 9486     | 9.642  | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.958  | 143  | 12437    | 10.383 | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.504 | 165  | 25609    | 9.535  | ng/ul  | 0.00     |
| 31) 4-Chloroaniline-d4        | 11.021 | 131  | 30888    | 9.644  | ng/ul  | 0.00     |
| 46) Dimethylphthalate-d6      | 14.094 | 166  | 95019    | 9.975  | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 14.393 | 160  | 98285    | 9.854  | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.922 | 143  | 9601     | 8.495  | ng/ul  | 0.00     |
| 60) Fluorene-d10              | 15.686 | 176  | 82477    | 9.763  | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.809 | 200  | 15788    | 8.493  | ng/ul  | 0.00     |
| 73) Anthracene-d10            | 17.536 | 188  | 148763m  | 10.295 | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.821 | 212  | 196415   | 9.736  | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 24.709 | 264  | 181079   | 9.785  | ng/ul  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.496  | 88   | 3319     | 3.251  | ng/ul# | 78       |
| 5) Pyridine                   | 3.902  | 79   | 23042    | 8.105  | ng/ul  | 98       |
| 6) Benzaldehyde               | 7.209  | 77   | 16768    | 9.793  | ng/ul  | 92       |
| 8) Phenol                     | 7.262  | 94   | 27243    | 8.265  | ng/ul  | 92       |
| 10) Bis(2-Chloroethyl)ether   | 7.485  | 93   | 20997    | 9.181  | ng/ul  | 95       |
| 12) 2-Chlorophenol            | 7.638  | 128  | 19092    | 9.315  | ng/ul  | 94       |
| 13) 2-Methylphenol            | 8.519  | 108  | 21602    | 8.972  | ng/ul  | 98       |
| 14) 2,2'-oxybis(1-Chloropr... | 8.589  | 45   | 36445    | 9.656  | ng/ul# | 94       |
| 16) Acetophenone              | 8.895  | 105  | 38177    | 8.955  | ng/ul  | 89       |
| 17) N-Nitroso-di-n-propyla... | 8.871  | 70   | 23099    | 9.881  | ng/ul# | 86       |
| 18) 4-Methylphenol            | 8.848  | 108  | 24776    | 9.559  | ng/ul  | 89       |
| 19) Hexachloroethane          | 9.153  | 117  | 8092     | 9.154  | ng/ul  | 88       |
| 22) Nitrobenzene              | 9.283  | 77   | 32382    | 9.747  | ng/ul  | 98       |
| 23) Isophorone                | 9.794  | 82   | 67403    | 10.187 | ng/ul  | 95       |
| 25) 2-Nitrophenol             | 9.987  | 139  | 11754    | 9.151  | ng/ul# | 77       |
| 26) 2,4-Dimethylphenol        | 10.052 | 107  | 31346    | 9.856  | ng/ul  | 96       |
| 27) Bis(2-Chloroethoxy)met... | 10.281 | 93   | 31590    | 10.236 | ng/ul  | 97       |
| 29) 2,4-Dichlorophenol        | 10.534 | 162  | 23991    | 9.481  | ng/ul# | 92       |
| 30) Naphthalene               | 10.927 | 128  | 68769    | 9.655  | ng/ul  | 96       |
| 32) 4-Chloroaniline           | 11.045 | 127  | 29191    | 9.635  | ng/ul# | 82       |
| 33) Hexachlorobutadiene       | 11.203 | 225  | 26341    | 11.170 | ng/ul# | 88       |
| 34) Caprolactam               | 11.803 | 113  | 9069m    | 10.585 | ng/ul  |          |
| 35) 4-Chloro-3-methylphenol   | 12.173 | 107  | 29634    | 9.295  | ng/ul# | 90       |

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 Operator : MA/JU  
 Sample : SST001023  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :

BNA\_G

ClientSampleId :

SSTD010405

Manual IntegrationsAPPROVED

Quant Time: Jul 19 12:48:04 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG071924.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Jul 19 12:42:00 2024  
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/20/2024

Supervised By :mohammad ahmed 07/23/2024

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 36) 2-Methylnaphthalene       | 12.531 | 142  | 54071    | 10.127 | ng/ul  | 84       |
| 37) 1-Methylnaphthalene       | 12.748 | 142  | 52011    | 9.313  | ng/ul# | 97       |
| 39) 1,2,4,5-Tetrachloroben... | 12.895 | 216  | 44588    | 9.518  | ng/ul  | 97       |
| 40) Hexachlorocyclopentadiene | 12.866 | 237  | 12779    | 6.780  | ng/ul  | 94       |
| 41) 2,4,6-Trichlorophenol     | 13.136 | 196  | 24110    | 8.757  | ng/ul  | 88       |
| 42) 2,4,5-Trichlorophenol     | 13.218 | 196  | 25469m   | 8.755  | ng/ul  |          |
| 43) 1,1'-Biphenyl             | 13.530 | 154  | 76709    | 9.499  | ng/ul# | 85       |
| 44) 2-Chloronaphthalene       | 13.577 | 162  | 64733    | 9.664  | ng/ul  | 98       |
| 45) 2-Nitroaniline            | 13.782 | 65   | 24332    | 9.841  | ng/ul  | 92       |
| 47) Dimethylphthalate         | 14.141 | 163  | 92281    | 10.008 | ng/ul  | 98       |
| 48) 2,6-Dinitrotoluene        | 14.270 | 165  | 18060    | 9.600  | ng/ul  | 95       |
| 50) Acenaphthylene            | 14.423 | 152  | 106965   | 9.860  | ng/ul  | 98       |
| 51) 3-Nitroaniline            | 14.605 | 138  | 15474    | 9.966  | ng/ul# | 97       |
| 52) Acenaphthene              | 14.757 | 153  | 70992    | 9.831  | ng/ul  | 97       |
| 53) 2,4-Dinitrophenol         | 14.816 | 184  | 3638m    | 5.643  | ng/ul  |          |
| 55) 4-Nitrophenol             | 14.940 | 109  | 14947    | 8.665  | ng/ul  | 89       |
| 56) Dibenzofuran              | 15.092 | 168  | 105963   | 9.816  | ng/ul  | 97       |
| 57) 2,4-Dinitrotoluene        | 15.057 | 165  | 27140    | 9.599  | ng/ul# | 90       |
| 58) 2,3,4,6-Tetrachlorophenol | 15.321 | 232  | 23511    | 9.310  | ng/ul# | 91       |
| 59) Diethylphthalate          | 15.498 | 149  | 95562    | 10.628 | ng/ul  | 98       |
| 61) Fluorene                  | 15.739 | 166  | 90783    | 9.665  | ng/ul  | 94       |
| 62) 4-Chlorophenyl-phenyle... | 15.727 | 204  | 55763    | 9.710  | ng/ul  | 96       |
| 63) 4-Nitroaniline            | 15.768 | 138  | 16052    | 10.094 | ng/ul  | 87       |
| 66) 4,6-Dinitro-2-methylph... | 15.821 | 198  | 15790    | 8.819  | ng/ul# | 89       |
| 67) N-Nitrosodiphenylamine    | 15.944 | 169  | 75963    | 9.890  | ng/ul  | 92       |
| 68) 4-Bromophenyl-phenylether | 16.620 | 248  | 37308    | 10.127 | ng/ul  | 89       |
| 69) Hexachlorobenzene         | 16.737 | 284  | 38056    | 9.742  | ng/ul  | 95       |
| 70) Atrazine                  | 16.884 | 200  | 40848    | 10.725 | ng/ul# | 92       |
| 71) Pentachlorophenol         | 17.096 | 266  | 4858m    | 6.903  | ng/ul  |          |
| 72) Phenanthrene              | 17.483 | 178  | 155855   | 10.356 | ng/ul  | 99       |
| 74) Anthracene                | 17.571 | 178  | 162766   | 10.518 | ng/ul  | 99       |
| 75) 1,2,3,4-Tetrachloroben... | 13.500 | 216  | 45509    | 10.146 | ng/ul  | 90       |
| 76) Pentachlorobenzene        | 15.010 | 250  | 44765    | 9.780  | ng/ul  | 99       |
| 77) Carbazole                 | 17.847 | 167  | 140216   | 10.857 | ng/ul  | 96       |
| 78) Di-n-butylphthalate       | 18.382 | 149  | 162198   | 11.244 | ng/ul  | 98       |
| 80) Fluoranthene              | 19.486 | 202  | 235679   | 10.033 | ng/ul  | 98       |
| 82) Pyrene                    | 19.851 | 202  | 236173   | 9.800  | ng/ul  | 99       |
| 83) Butylbenzylphthalate      | 20.720 | 149  | 70811    | 9.752  | ng/ul  | 98       |
| 84) 3,3'-Dichlorobenzidine    | 21.595 | 252  | 80273    | 10.283 | ng/ul  | 95       |
| 85) Benzo(a)anthracene        | 21.683 | 228  | 246834   | 9.975  | ng/ul  | 98       |
| 86) Bis(2-ethylhexyl)phtha... | 21.566 | 149  | 99511    | 9.750  | ng/ul# | 90       |
| 87) Chrysene                  | 21.748 | 228  | 229898   | 9.996  | ng/ul  | 98       |
| 89) Di-n-octyl phthalate      | 22.776 | 149  | 166158   | 9.947  | ng/ul  | 100      |
| 90) Benzo(b)fluoranthene      | 23.898 | 252  | 226313   | 10.000 | ng/ul  | 96       |
| 91) Benzo(k)fluoranthene      | 23.969 | 252  | 225482m  | 10.050 | ng/ul  |          |
| 93) Benzo(a)pyrene            | 24.779 | 252  | 205410   | 9.794  | ng/ul# | 97       |
| 94) Indeno(1,2,3-cd)pyrene    | 28.615 | 276  | 237649   | 9.548  | ng/ul  | 97       |
| 95) Dibenzo(a,h)anthracene    | 28.686 | 278  | 201050   | 9.793  | ng/ul  | 96       |
| 96) Benzo(g,h,i)perylene      | 29.772 | 276  | 188955   | 9.708  | ng/ul  | 98       |

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

**Instrument :**

BNA\_G

**ClientSampleId :**

SSTD010405

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 07/20/2024

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