

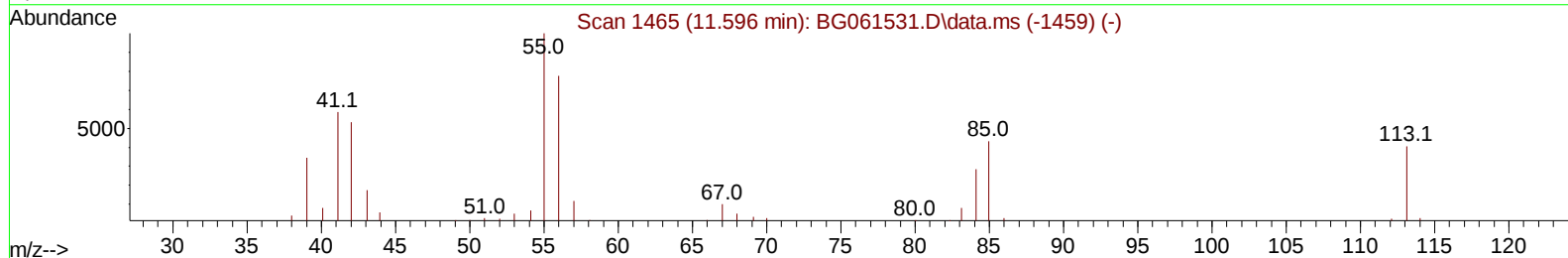
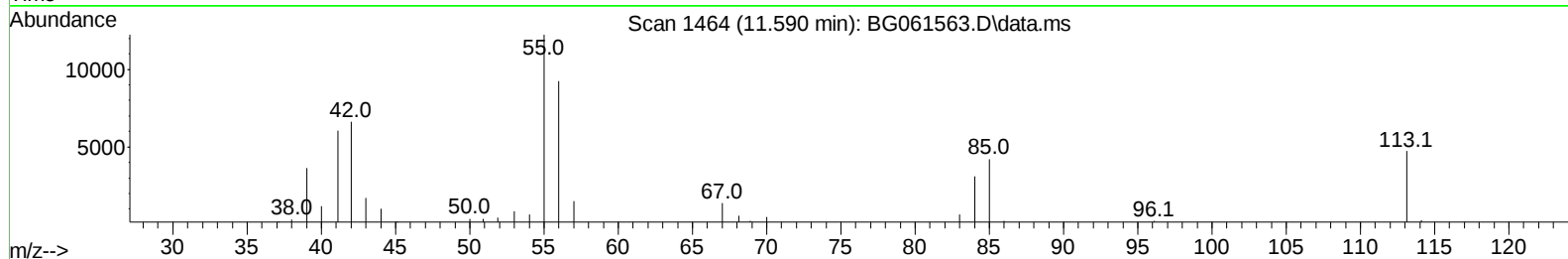
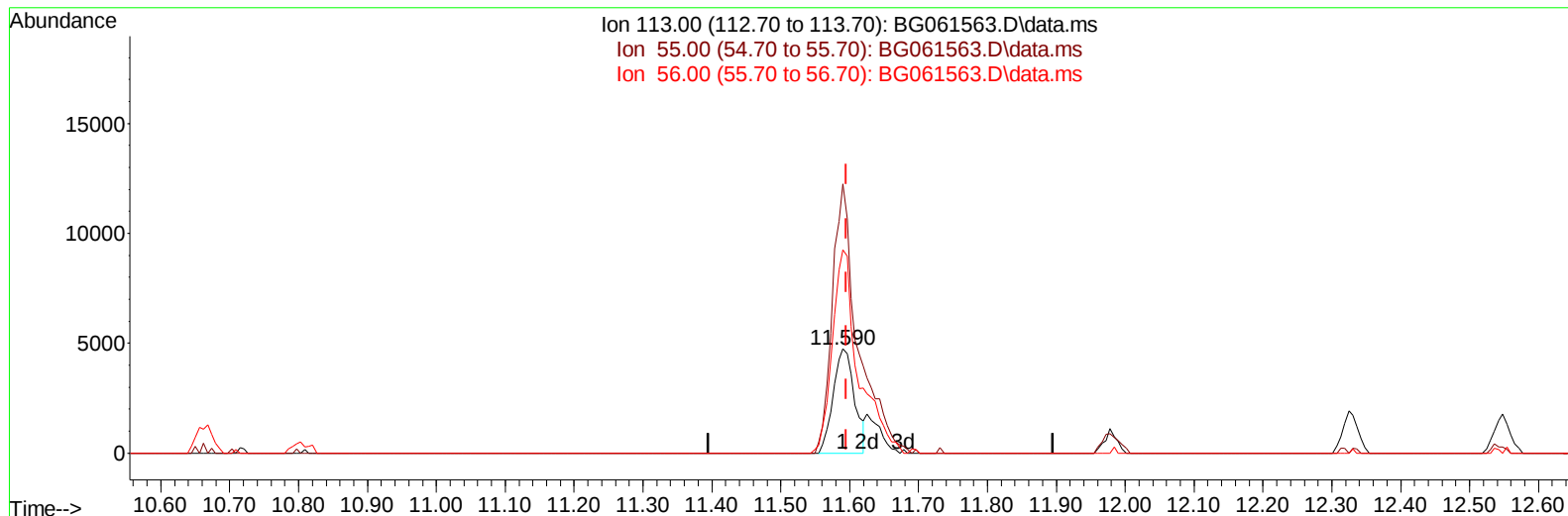
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG060724\  
 Data File : BG061563.D  
 Acq On : 8 Jun 2024 13:27  
 Operator : MA/JU  
 Sample : SSTDCCC020  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 LabSampleId :  
 SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: Jun 09 23:00:47 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG052124.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Jun 06 12:15:45 2024  
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/10/2024  
 Supervised By :mohammad ahmed 06/10/2024



TIC: BG061563.D\data.ms

**(34) Caprolactam**

**11.590min (-0.005) 12.84 ng/ul**

**response 10175**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 113.00 | 100.00 | 100.00 |
| 55.00  | 248.70 | 257.98 |
| 56.00  | 188.30 | 194.96 |
| 0.00   | 0.00   | 0.00   |

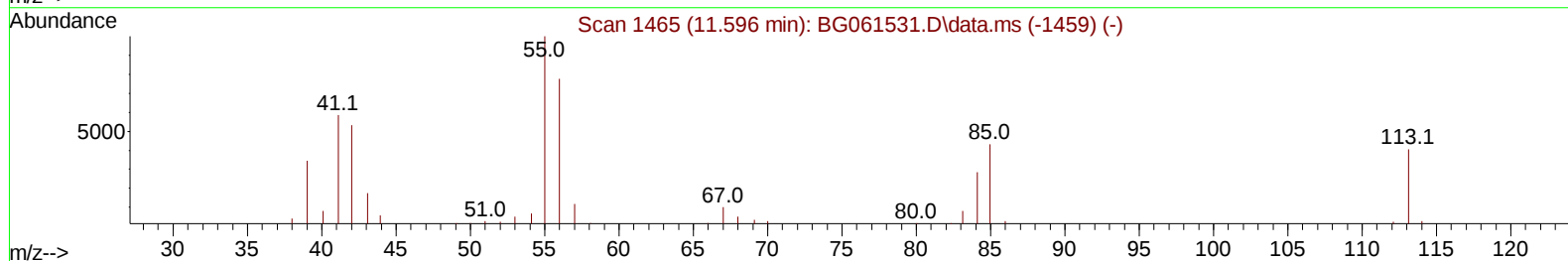
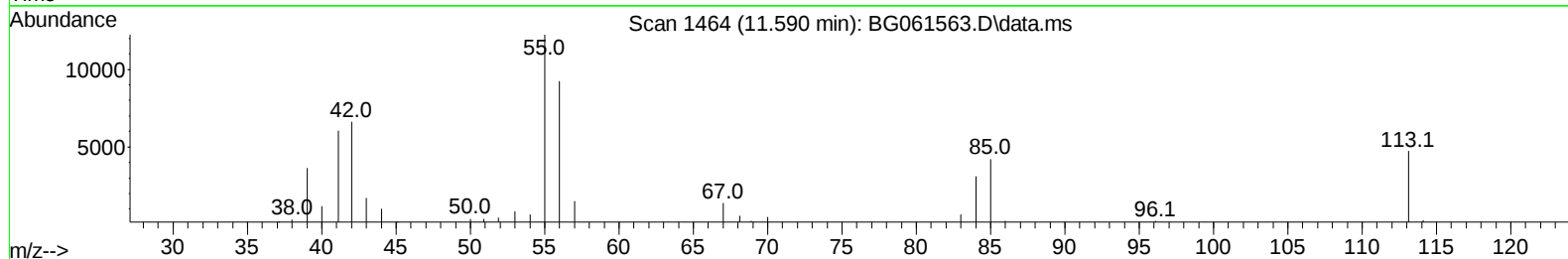
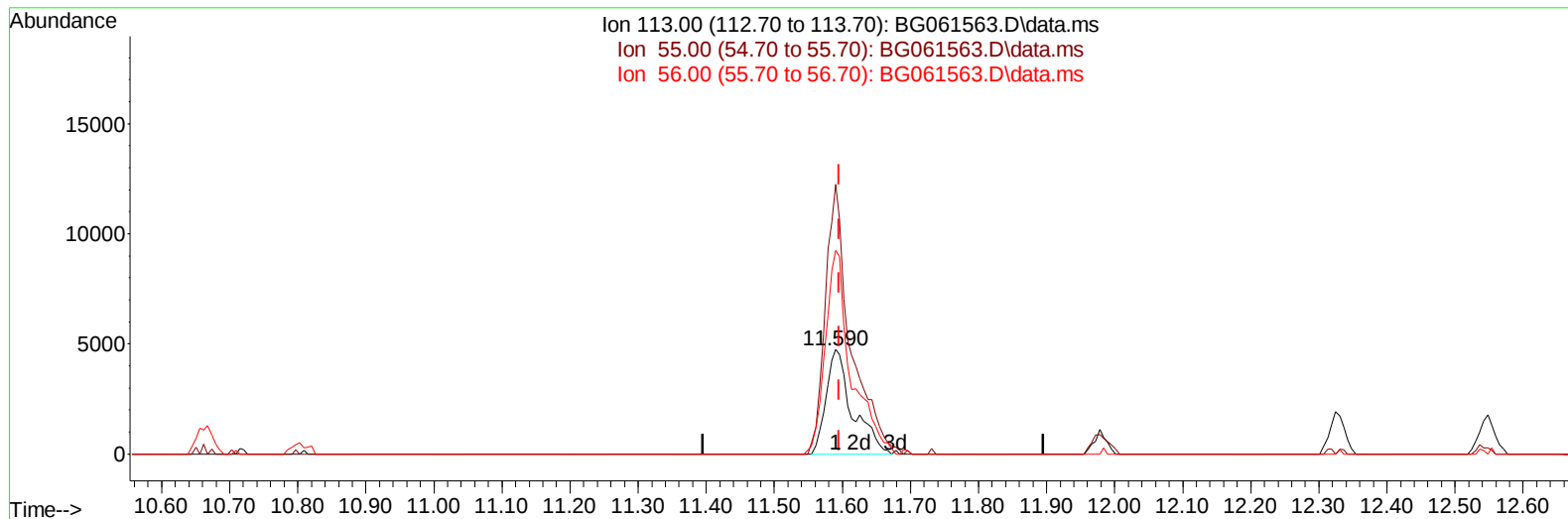
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG060724\  
Data File : BG061563.D  
Acq On : 8 Jun 2024 13:27  
Operator : MA/JU  
Sample : SSTDCCC020  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_G  
LabSampleId :  
SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: Jun 09 23:00:47 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG052124.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Thu Jun 06 12:15:45 2024  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/10/2024  
Supervised By :mohammad ahmed 06/10/2024



TIC: BG061563.D\data.ms

(34) Caprolactam

11.590min (-0.005) 16.10 ng/ul m

response 12753

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 113.00 | 100.00 | 100.00 |
| 55.00  | 248.70 | 257.98 |
| 56.00  | 188.30 | 194.96 |
| 0.00   | 0.00   | 0.00   |

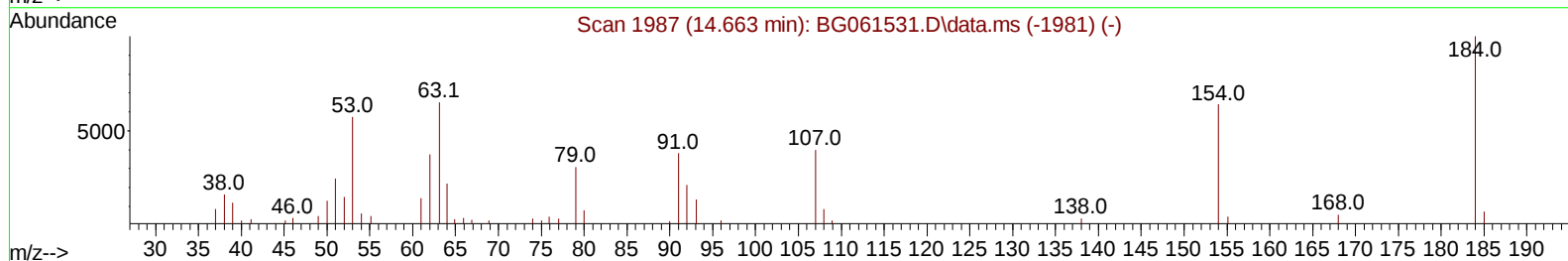
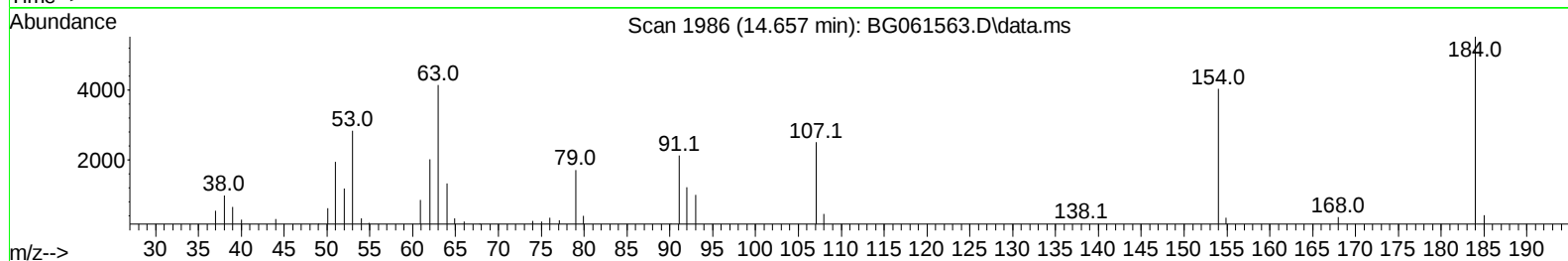
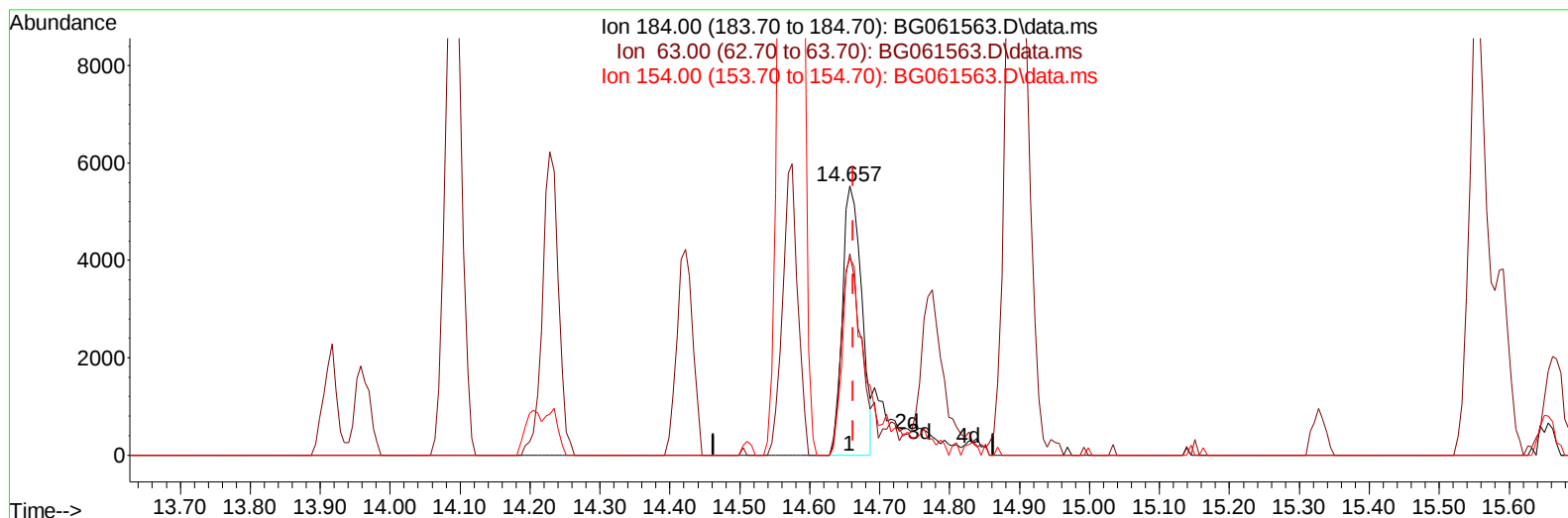
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG060724\  
Data File : BG061563.D  
Acq On : 8 Jun 2024 13:27  
Operator : MA/JU  
Sample : SSTDCCC020  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_G  
LabSampleId :  
SSTDCCC020

## Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/10/2024  
Supervised By :mohammad ahmed 06/10/2024

Quant Time: Jun 09 23:00:47 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG052124.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Thu Jun 06 12:15:45 2024  
Response via : Initial Calibration



TIC: BG061563.D\data.ms

## (53) 2,4-Dinitrophenol

14.657min (-0.005) 12.97 ng/u1

response 10647

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 184.00 | 100.00 | 100.00 |
| 63.00  | 76.60  | 74.95  |
| 154.00 | 68.70  | 72.94  |
| 0.00   | 0.00   | 0.00   |

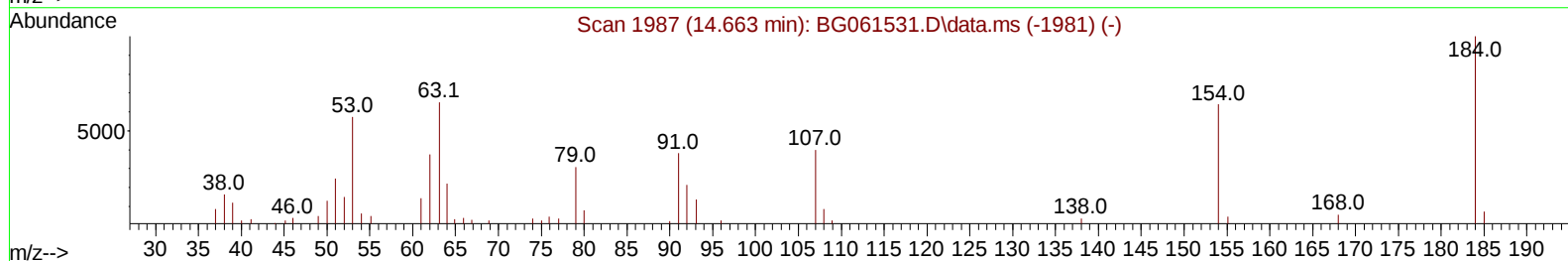
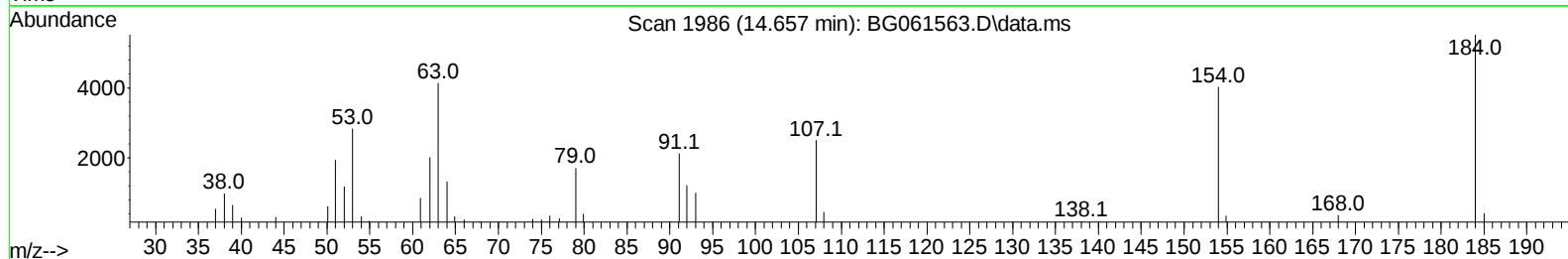
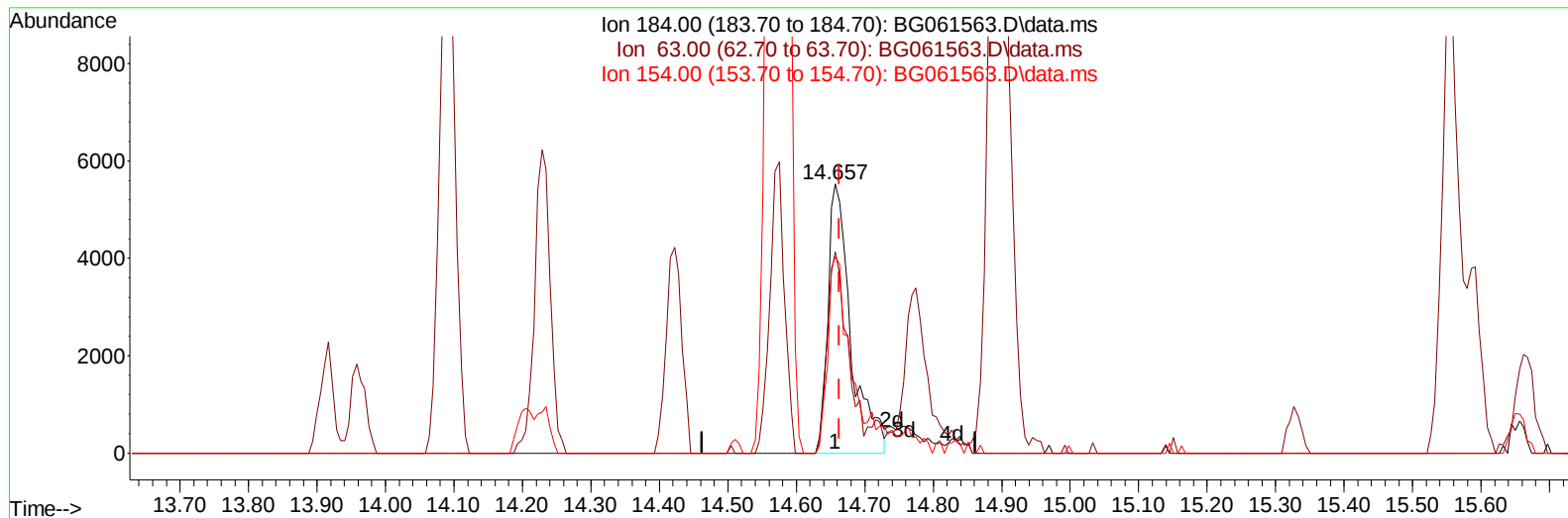
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG060724\  
Data File : BG061563.D  
Acq On : 8 Jun 2024 13:27  
Operator : MA/JU  
Sample : SSTDCCC020  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_G  
LabSampleId :  
SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: Jun 09 23:00:47 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG052124.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Thu Jun 06 12:15:45 2024  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/10/2024  
Supervised By :mohammad ahmed 06/10/2024



TIC: BG061563.D\data.ms

(53) 2,4-Dinitrophenol

14.657min (-0.005) 15.64 ng/ul m

response 12845

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 184.00 | 100.00 | 100.00 |
| 63.00  | 76.60  | 74.95  |
| 154.00 | 68.70  | 72.94  |
| 0.00   | 0.00   | 0.00   |

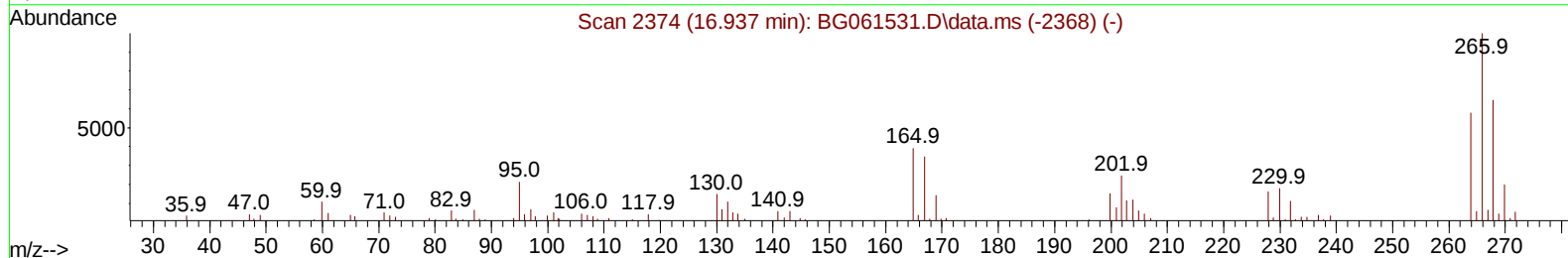
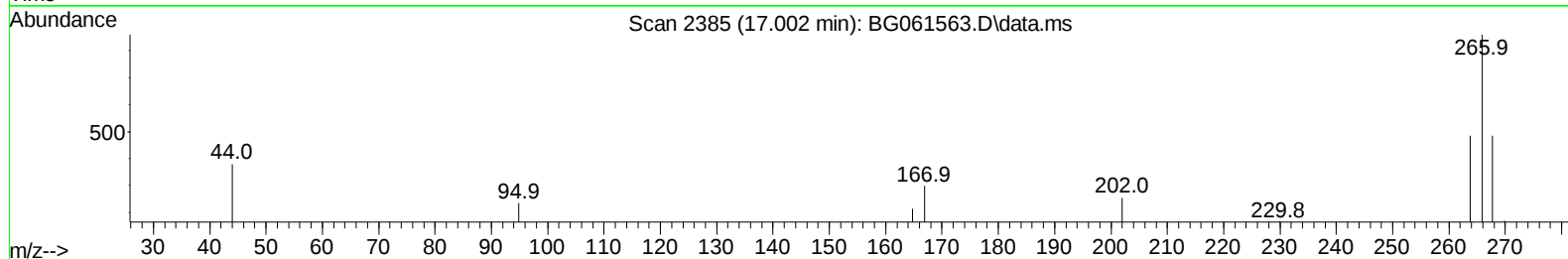
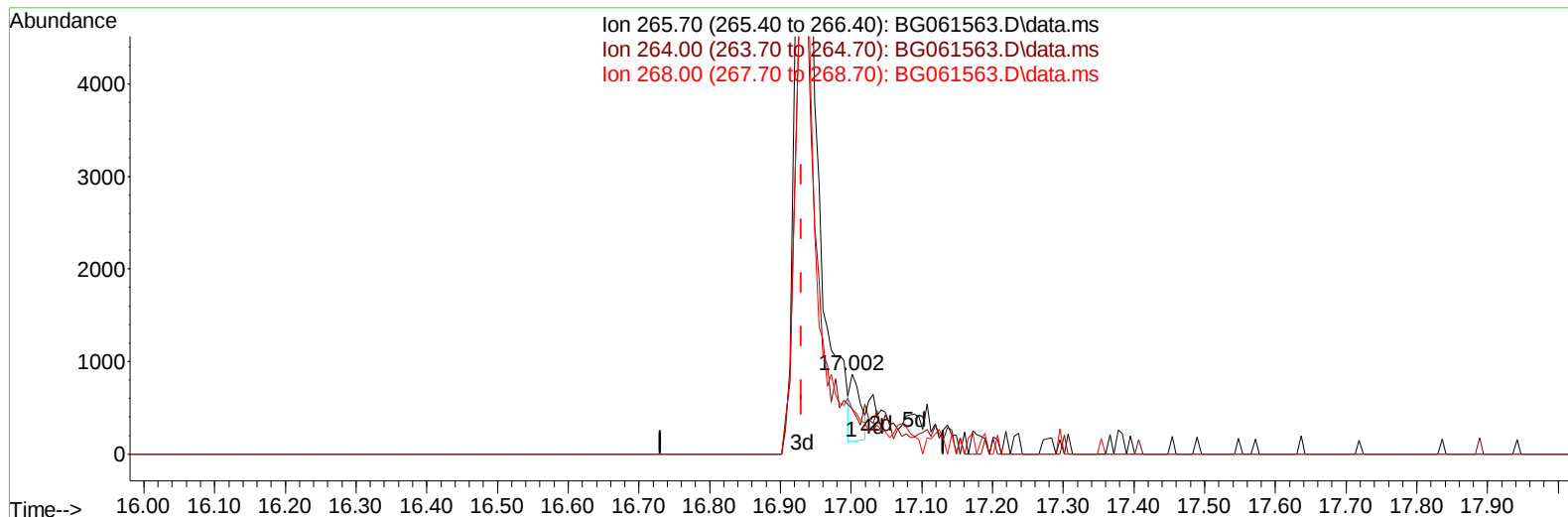
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG060724\  
Data File : BG061563.D  
Acq On : 8 Jun 2024 13:27  
Operator : MA/JU  
Sample : SSTDCCC020  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_G  
LabSampleId :  
SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: Jun 09 23:00:47 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG052124.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Thu Jun 06 12:15:45 2024  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/10/2024  
Supervised By :mohammad ahmed 06/10/2024



TIC: BG061563.D\data.ms

**(71) Pentachlorophenol (C)**

**17.002min (+ 0.071) 0.66 ng/u1**

**response 703**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 265.70 | 100.00 | 100.00 |
| 264.00 | 52.40  | 56.28  |
| 268.00 | 65.80  | 56.40  |
| 0.00   | 0.00   | 0.00   |

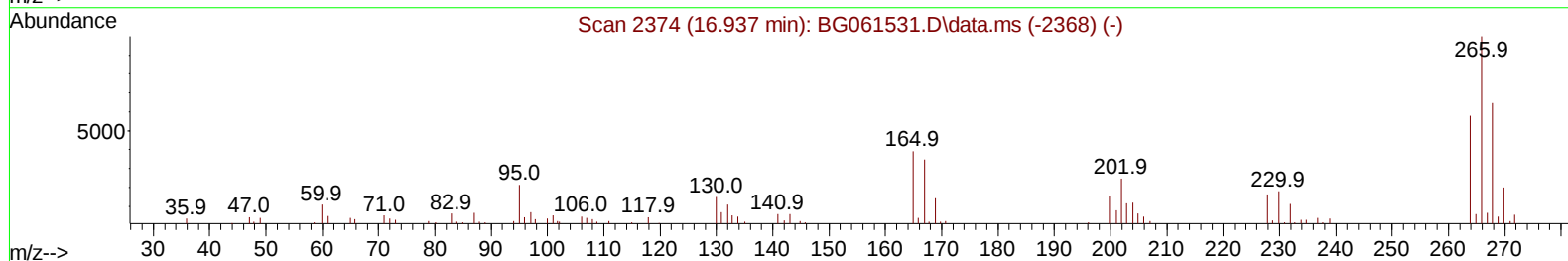
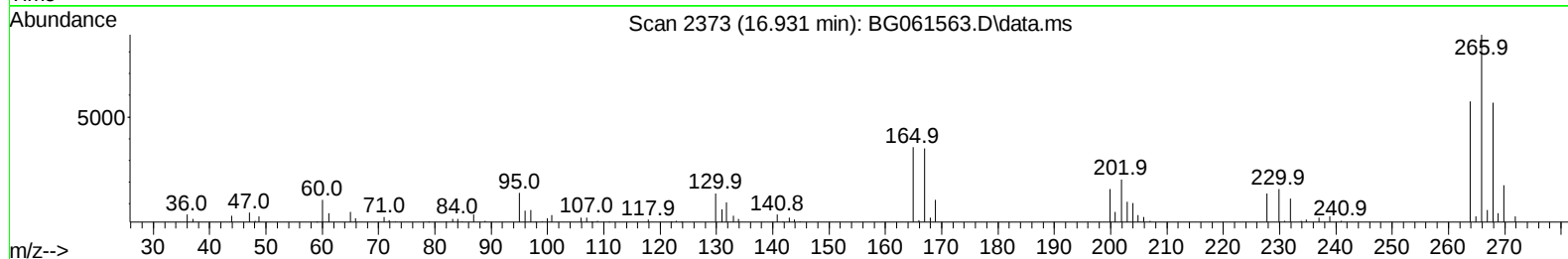
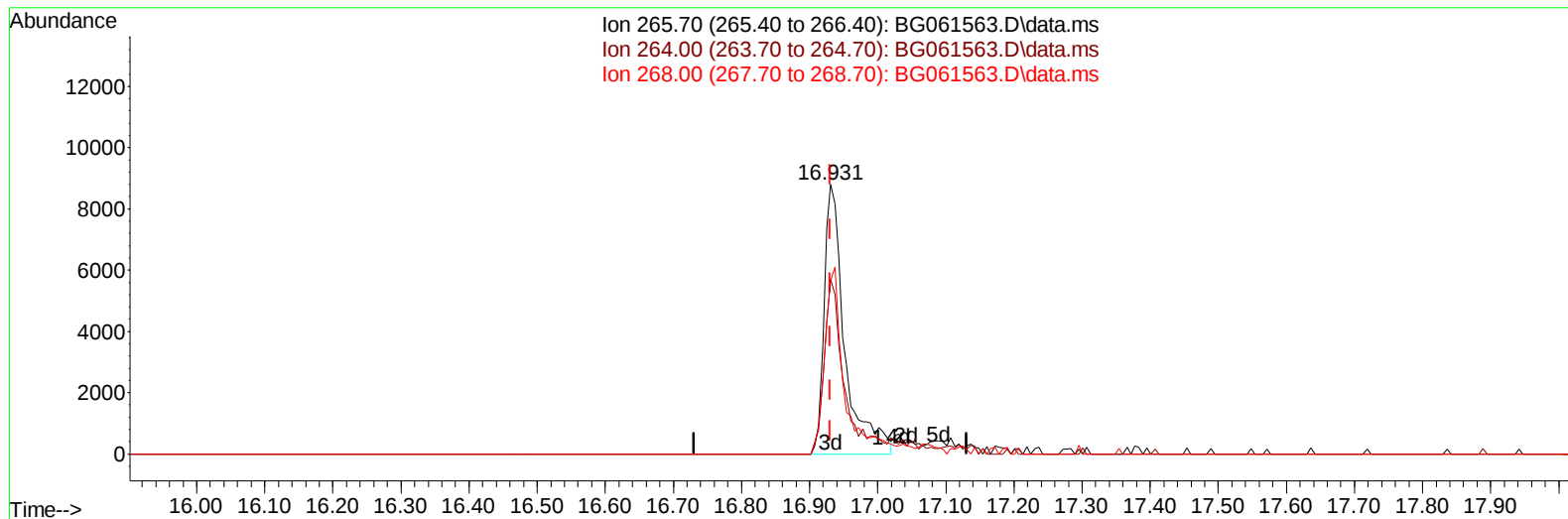
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG060724\  
Data File : BG061563.D  
Acq On : 8 Jun 2024 13:27  
Operator : MA/JU  
Sample : SSTDCCC020  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_G  
LabSampleId :  
SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: Jun 09 23:00:47 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG052124.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Thu Jun 06 12:15:45 2024  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/10/2024  
Supervised By :mohammad ahmed 06/10/2024



TIC: BG061563.D\data.ms

(71) Pentachlorophenol (C)

16.931min (+ 0.001) 17.40 ng/ul m

response 18529

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 265.70 | 100.00 | 100.00 |
| 264.00 | 52.40  | 64.94# |
| 268.00 | 65.80  | 64.32  |
| 0.00   | 0.00   | 0.00   |

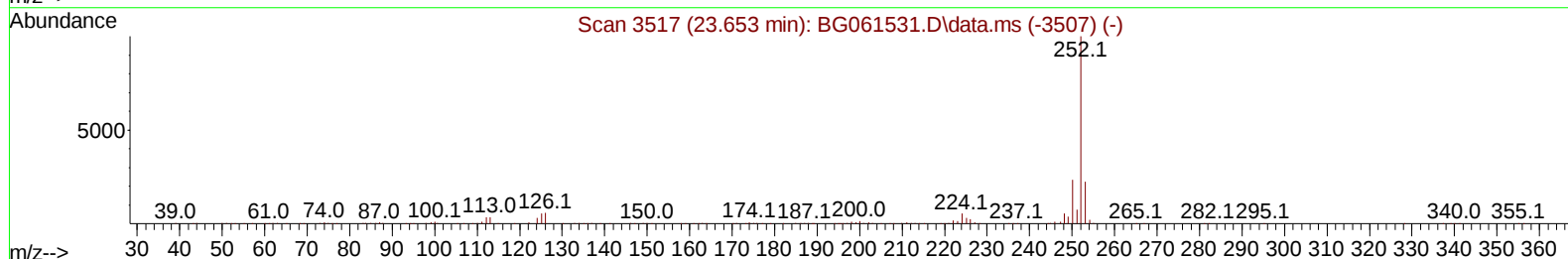
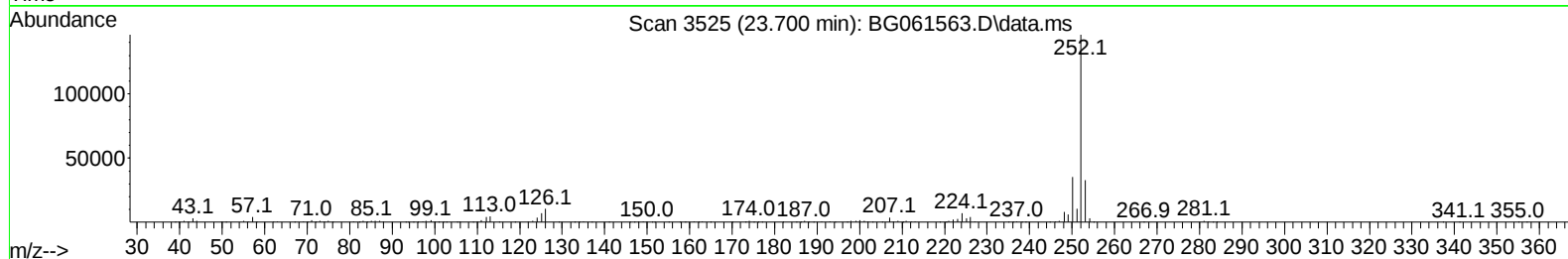
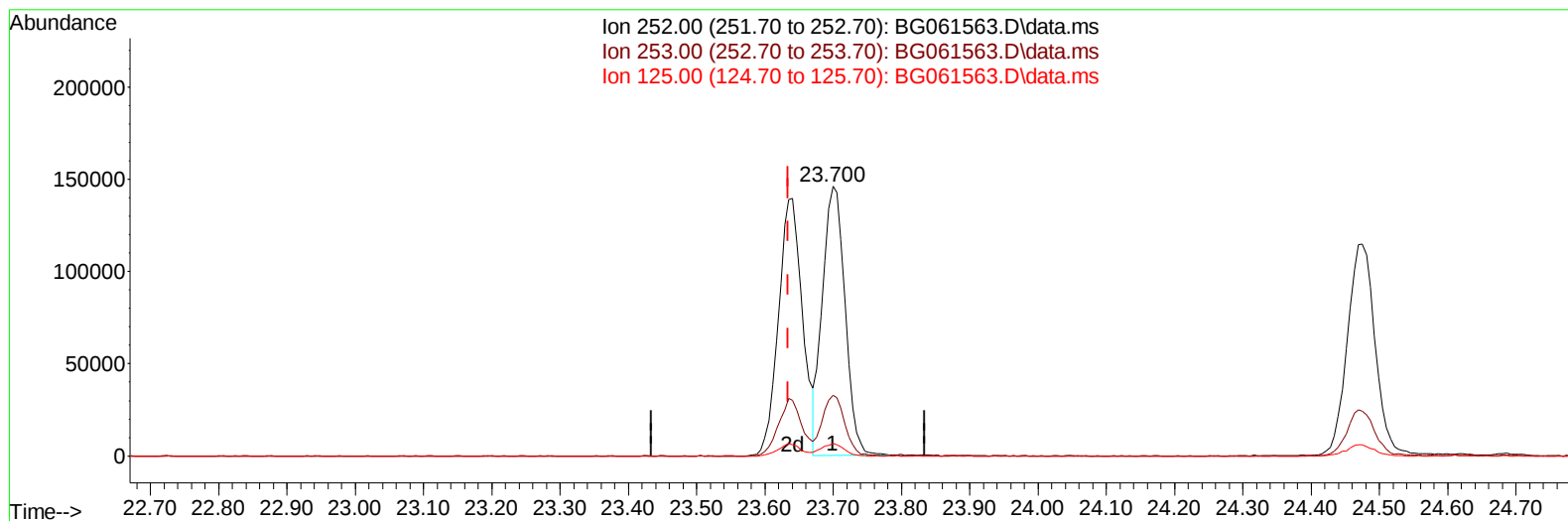
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG060724\  
Data File : BG061563.D  
Acq On : 8 Jun 2024 13:27  
Operator : MA/JU  
Sample : SSTDCCC020  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_G  
LabSampleId :  
SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: Jun 09 23:00:47 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG052124.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Thu Jun 06 12:15:45 2024  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/10/2024  
Supervised By :mohammad ahmed 06/10/2024



TIC: BG061563.D\data.ms

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

**23.700min (+ 0.065) 19.33 ng/u1**

**response 334875**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 22.30  | 22.48  |
| 125.00 | 5.70   | 4.73   |
| 0.00   | 0.00   | 0.00   |

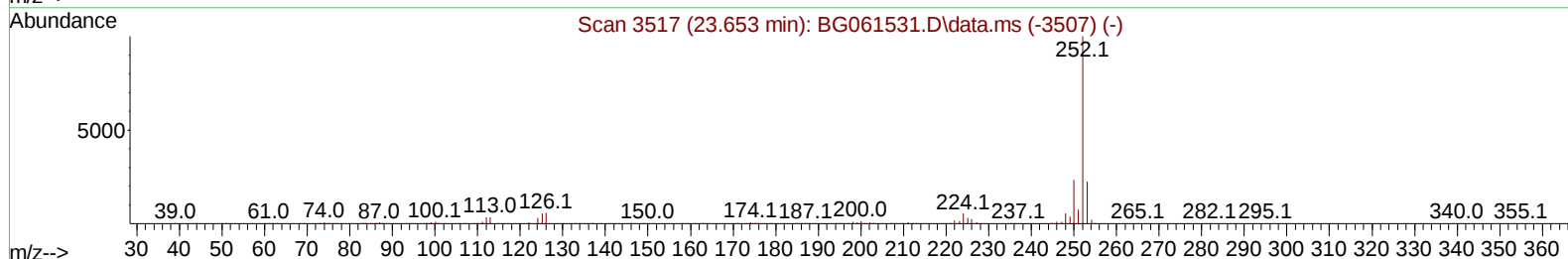
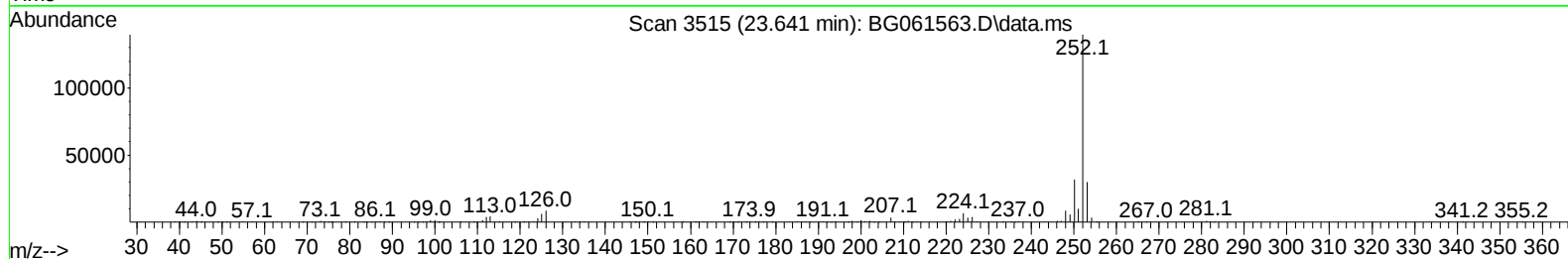
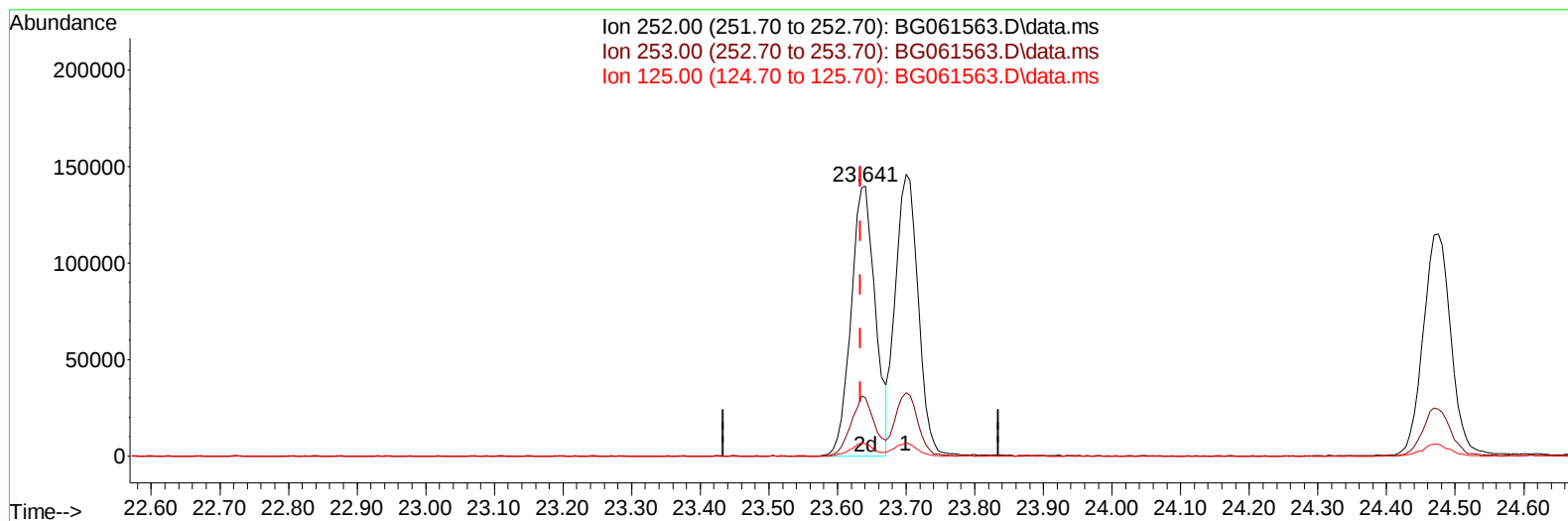
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG060724\  
Data File : BG061563.D  
Acq On : 8 Jun 2024 13:27  
Operator : MA/JU  
Sample : SSTDCCC020  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_G  
LabSampleId :  
SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: Jun 09 23:00:47 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG052124.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Thu Jun 06 12:15:45 2024  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/10/2024  
Supervised By :mohammad ahmed 06/10/2024



TIC: BG061563.D\data.ms

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

**23.641min (+ 0.007) 19.87 ng/ul m**

**response 344156**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 22.30  | 21.56  |
| 125.00 | 5.70   | 4.44#  |
| 0.00   | 0.00   | 0.00   |

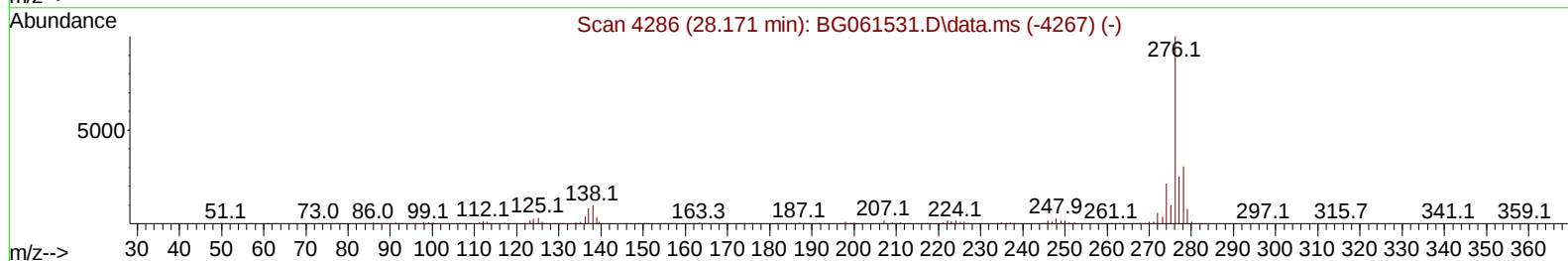
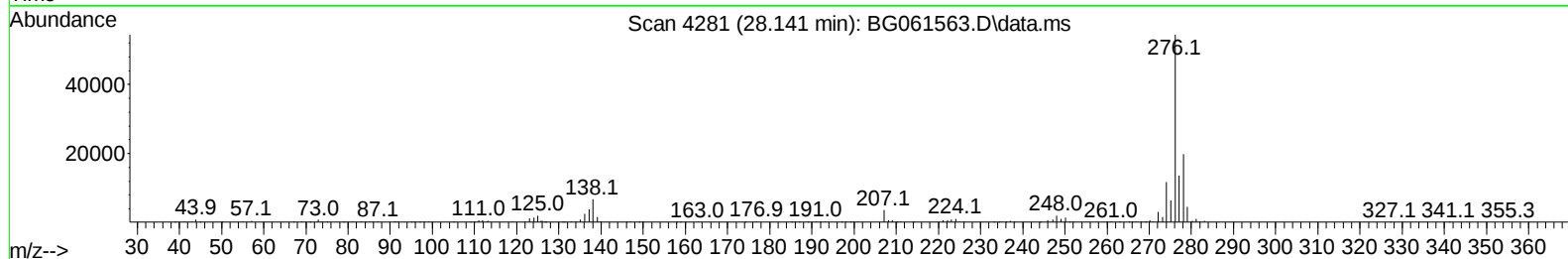
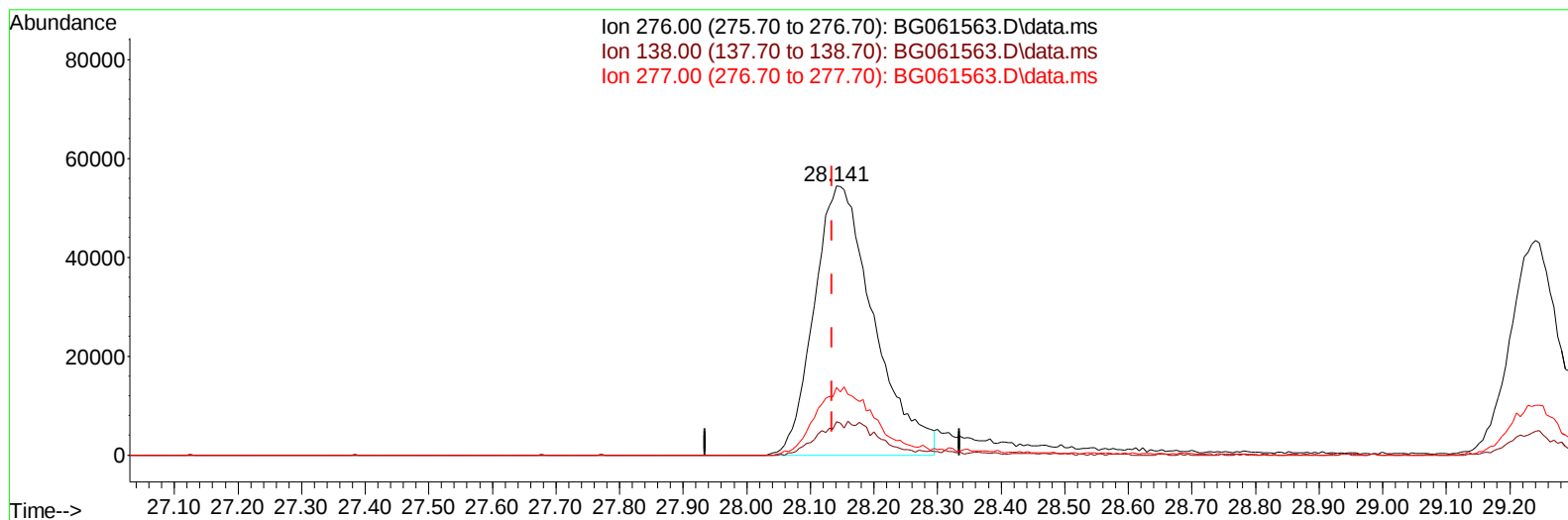
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG060724\  
 Data File : BG061563.D  
 Acq On : 8 Jun 2024 13:27  
 Operator : MA/JU  
 Sample : SSTDCCC020  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 LabSampleId :  
 SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: Jun 09 23:00:47 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG052124.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Jun 06 12:15:45 2024  
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/10/2024  
 Supervised By :mohammad ahmed 06/10/2024



TIC: BG061563.D\data.ms

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

**28.141min (+ 0.007) 17.74 ng/ul**

**response 352828**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 276.00 | 100.00 | 100.00 |
| 138.00 | 10.80  | 12.36  |
| 277.00 | 24.60  | 25.13  |
| 0.00   | 0.00   | 0.00   |

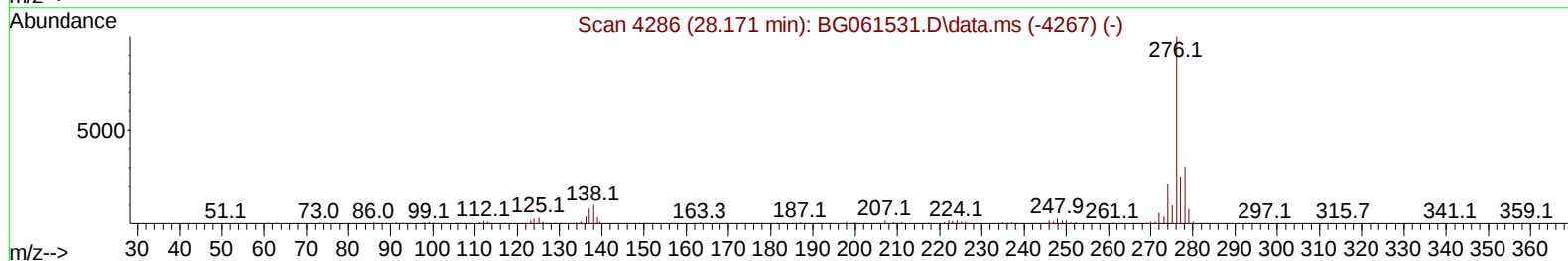
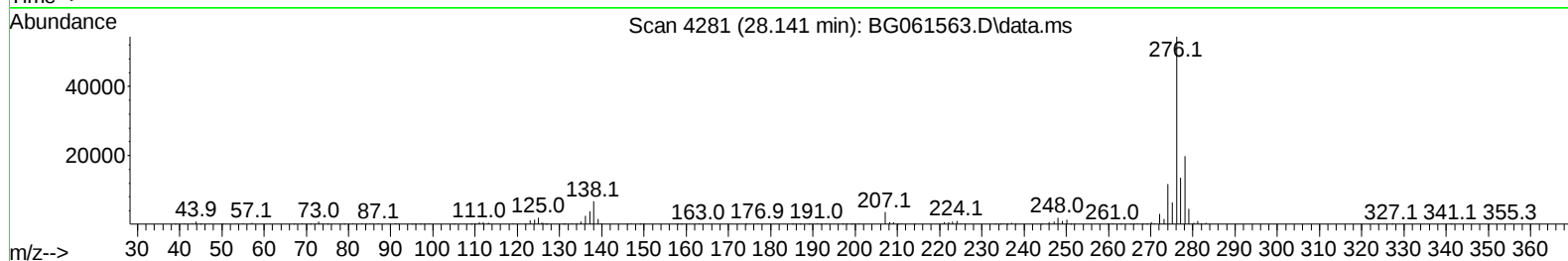
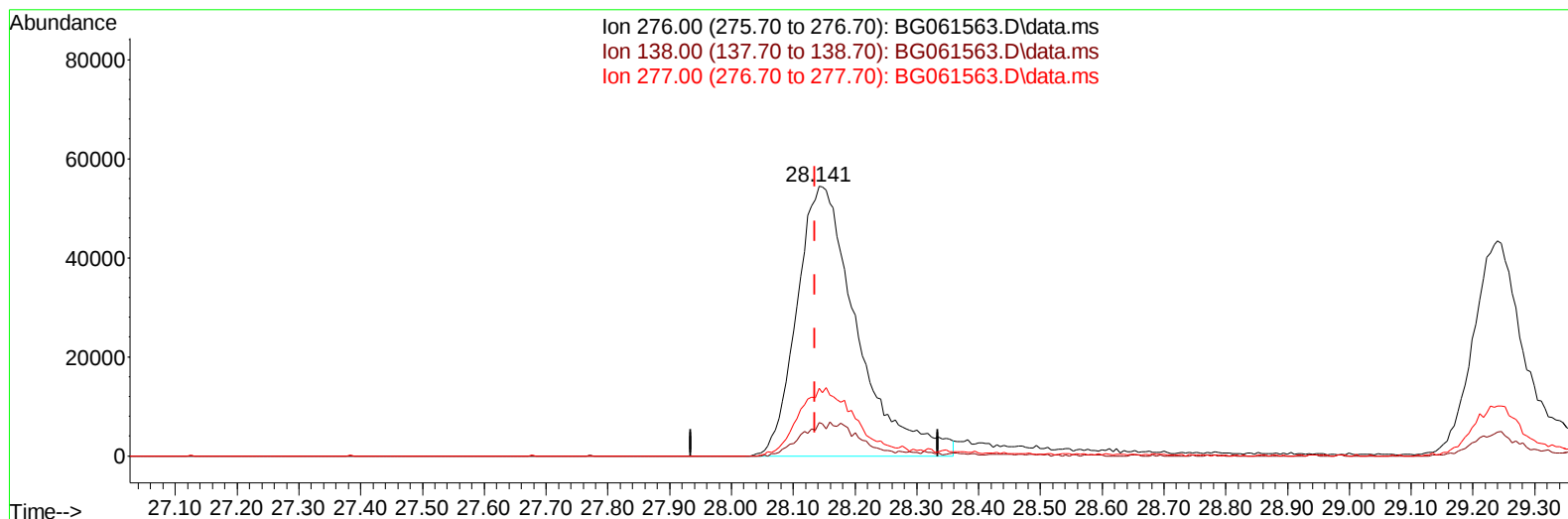
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG060724\  
Data File : BG061563.D  
Acq On : 8 Jun 2024 13:27  
Operator : MA/JU  
Sample : SSTDCCC020  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_G  
LabSampleId :  
SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: Jun 09 23:00:47 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG052124.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Thu Jun 06 12:15:45 2024  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/10/2024  
Supervised By :mohammad ahmed 06/10/2024



TIC: BG061563.D\data.ms

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

28.141min (+ 0.007) 18.50 ng/ul m

response 368035

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 276.00 | 100.00 | 100.00 |
| 138.00 | 10.80  | 12.36  |
| 277.00 | 24.60  | 25.13  |
| 0.00   | 0.00   | 0.00   |

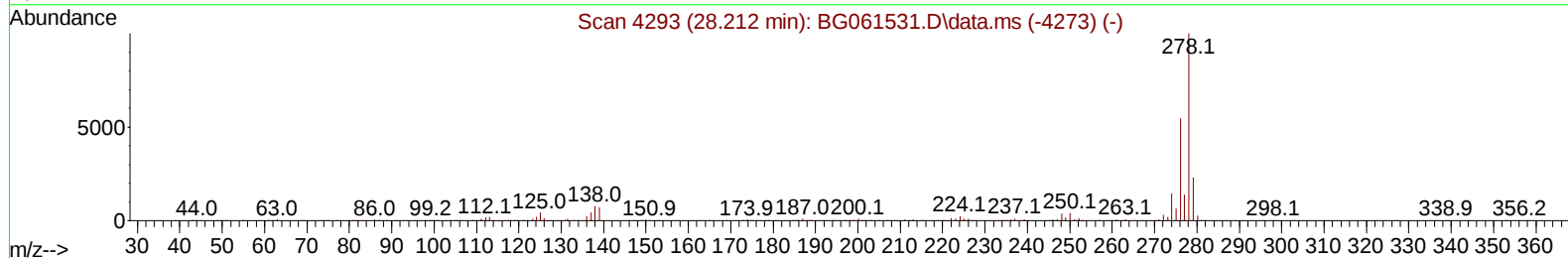
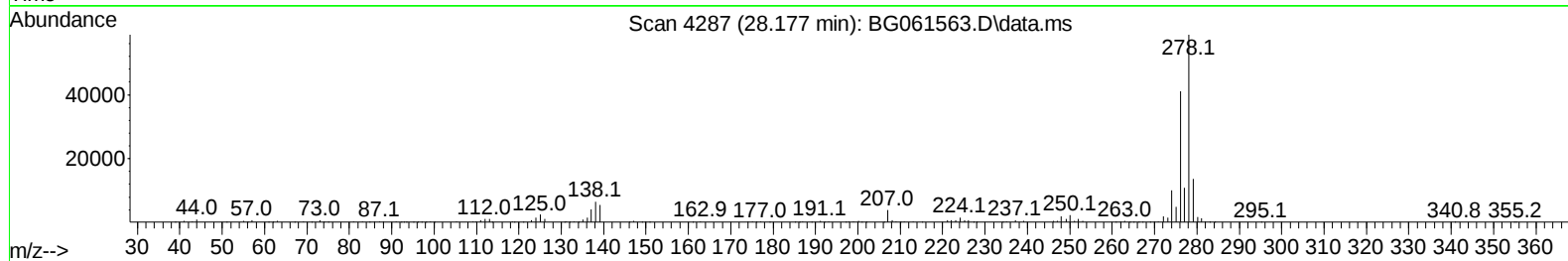
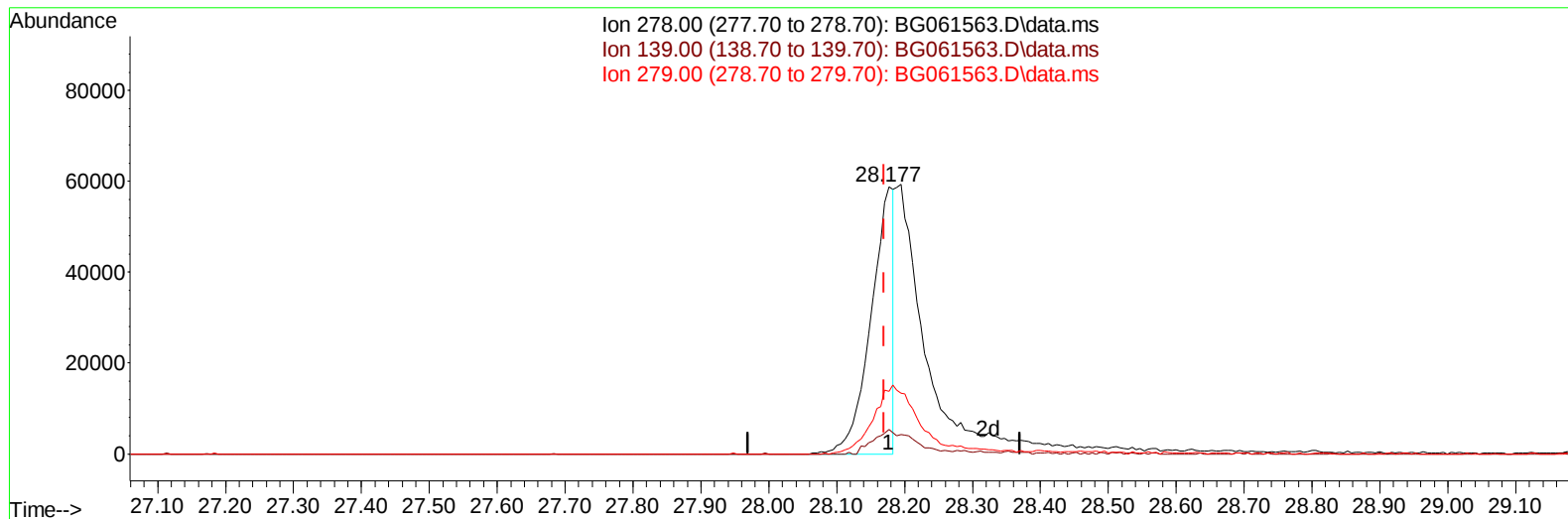
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG060724\  
Data File : BG061563.D  
Acq On : 8 Jun 2024 13:27  
Operator : MA/JU  
Sample : SSTDCCC020  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_G  
LabSampleId :  
SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: Jun 09 23:00:47 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG052124.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Thu Jun 06 12:15:45 2024  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/10/2024  
Supervised By :mohammad ahmed 06/10/2024



TIC: BG061563.D\data.ms

**(95) Dibenzo(a,h)anthracene**

**28.177min (+ 0.007) 8.31 ng/u1**

**response 136340**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 278.00 | 100.00 | 100.00 |
| 139.00 | 8.00   | 9.29   |
| 279.00 | 24.90  | 23.32  |
| 0.00   | 0.00   | 0.00   |

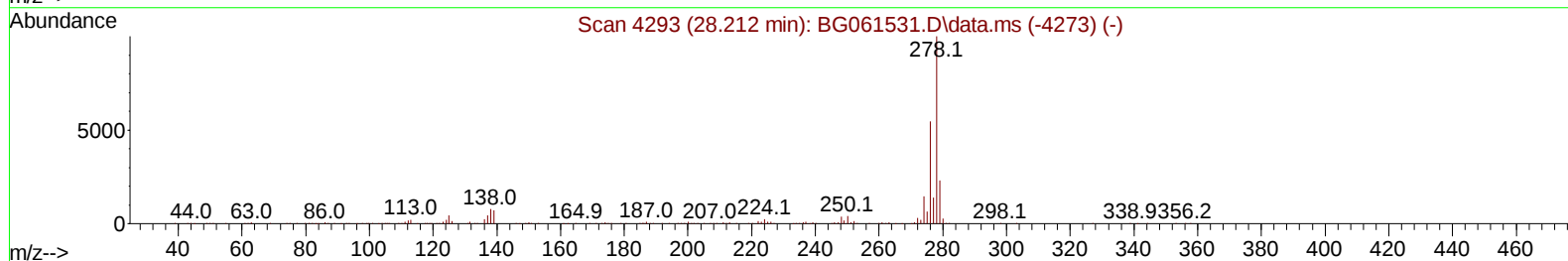
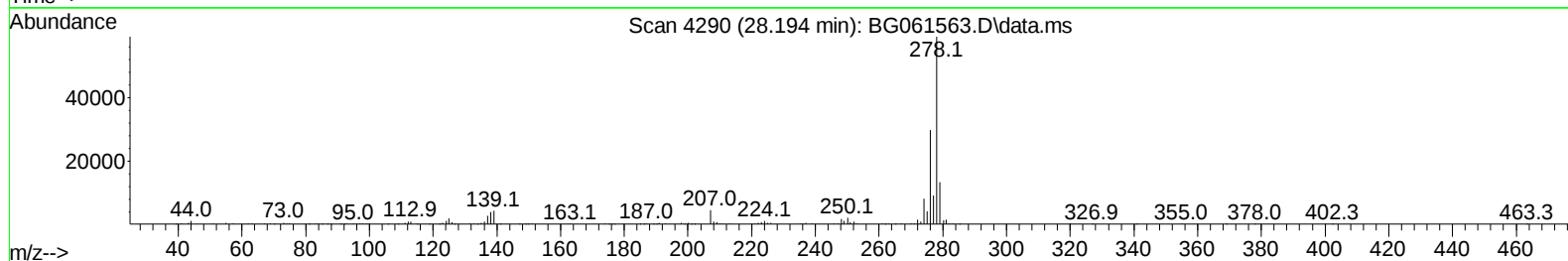
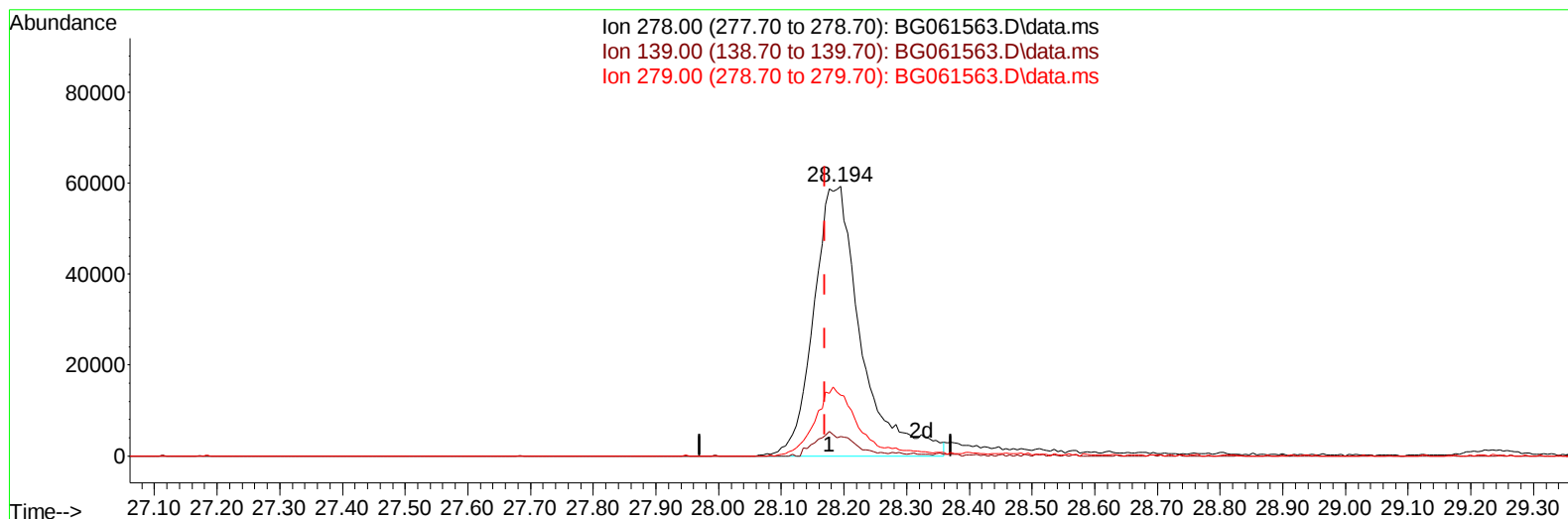
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG060724\  
Data File : BG061563.D  
Acq On : 8 Jun 2024 13:27  
Operator : MA/JU  
Sample : SSTDCCC020  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_G  
LabSampleId :  
SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: Jun 09 23:00:47 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG052124.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Thu Jun 06 12:15:45 2024  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/10/2024  
Supervised By :mohammad ahmed 06/10/2024



TIC: BG061563.D\data.ms

**(95) Dibenzo(a,h)anthracene**

28.194min (+ 0.024) 18.87 ng/ul m

response 309599

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 278.00 | 100.00 | 100.00 |
| 139.00 | 8.00   | 7.29   |
| 279.00 | 24.90  | 22.51  |
| 0.00   | 0.00   | 0.00   |

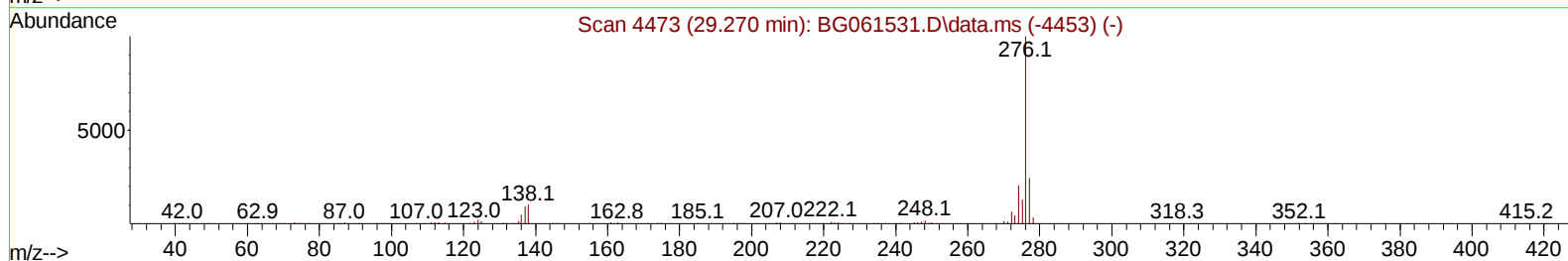
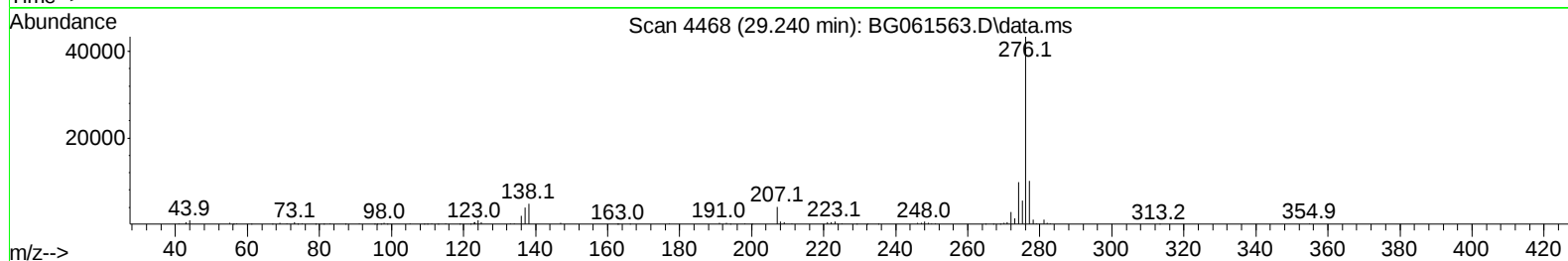
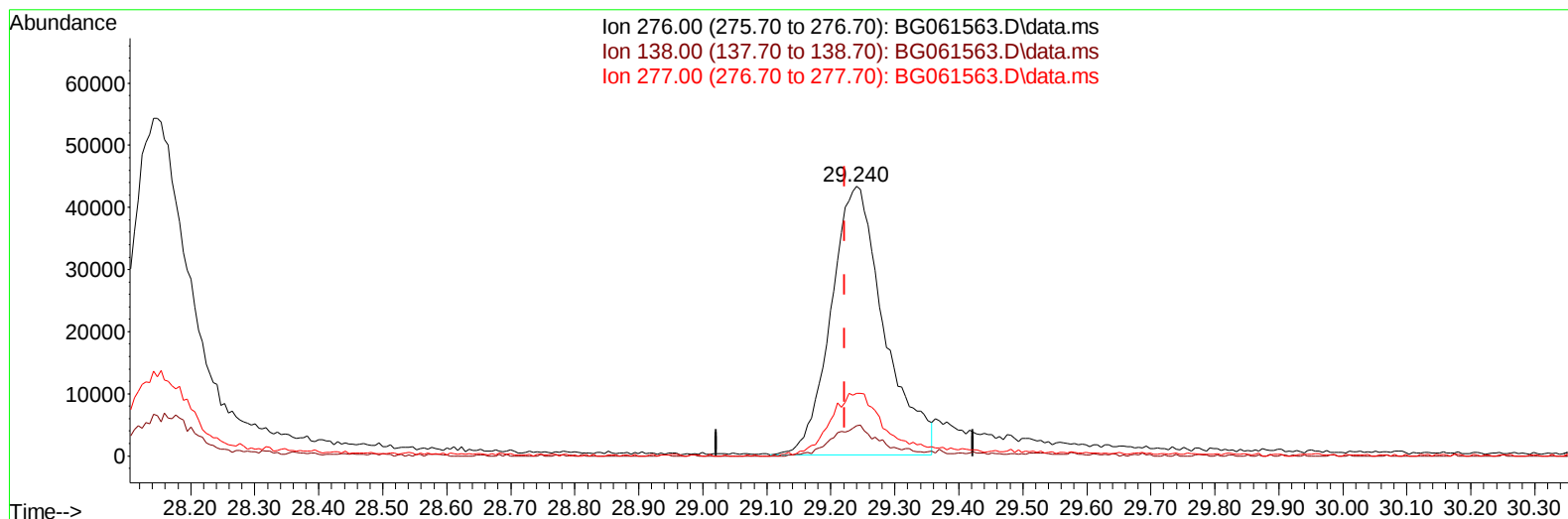
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG060724\  
Data File : BG061563.D  
Acq On : 8 Jun 2024 13:27  
Operator : MA/JU  
Sample : SSTDCCC020  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_G  
LabSampleId :  
SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: Jun 09 23:00:47 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG052124.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Thu Jun 06 12:15:45 2024  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/10/2024  
Supervised By :mohammad ahmed 06/10/2024



TIC: BG061563.D\data.ms

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

**29.240min (+ 0.018) 15.73 ng/u1**

**response 248900**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 276.00 | 100.00 | 100.00 |
| 138.00 | 10.90  | 11.22  |
| 277.00 | 22.70  | 23.19  |
| 0.00   | 0.00   | 0.00   |

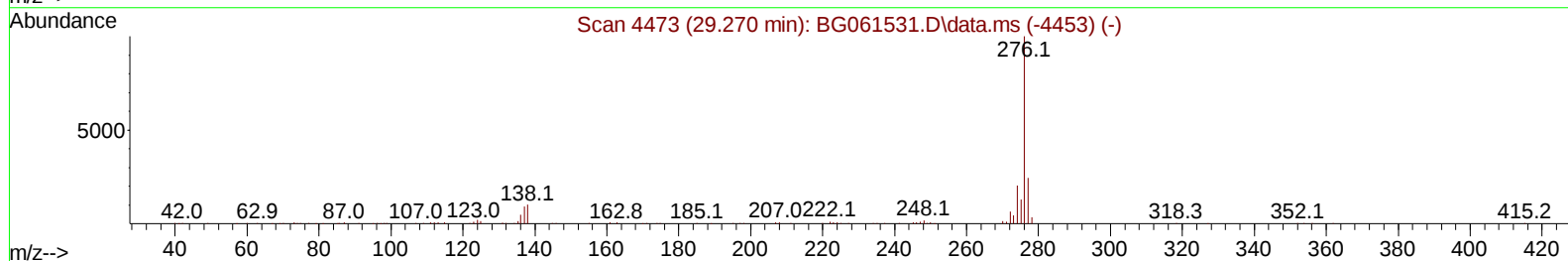
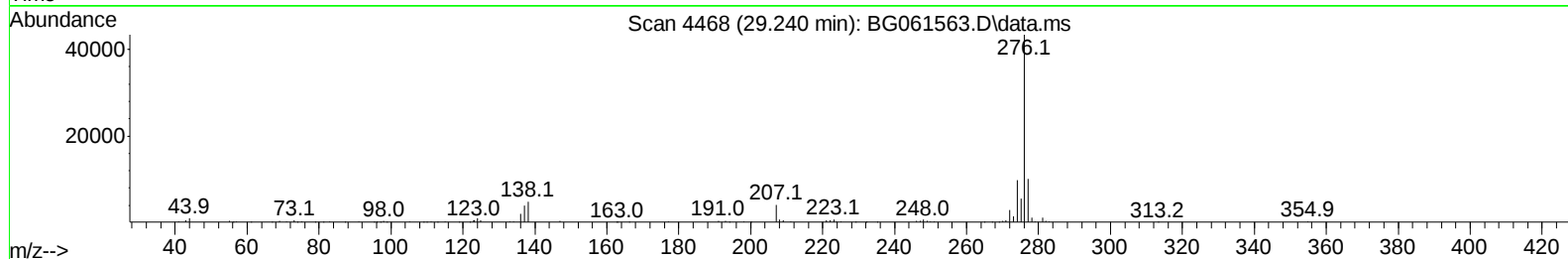
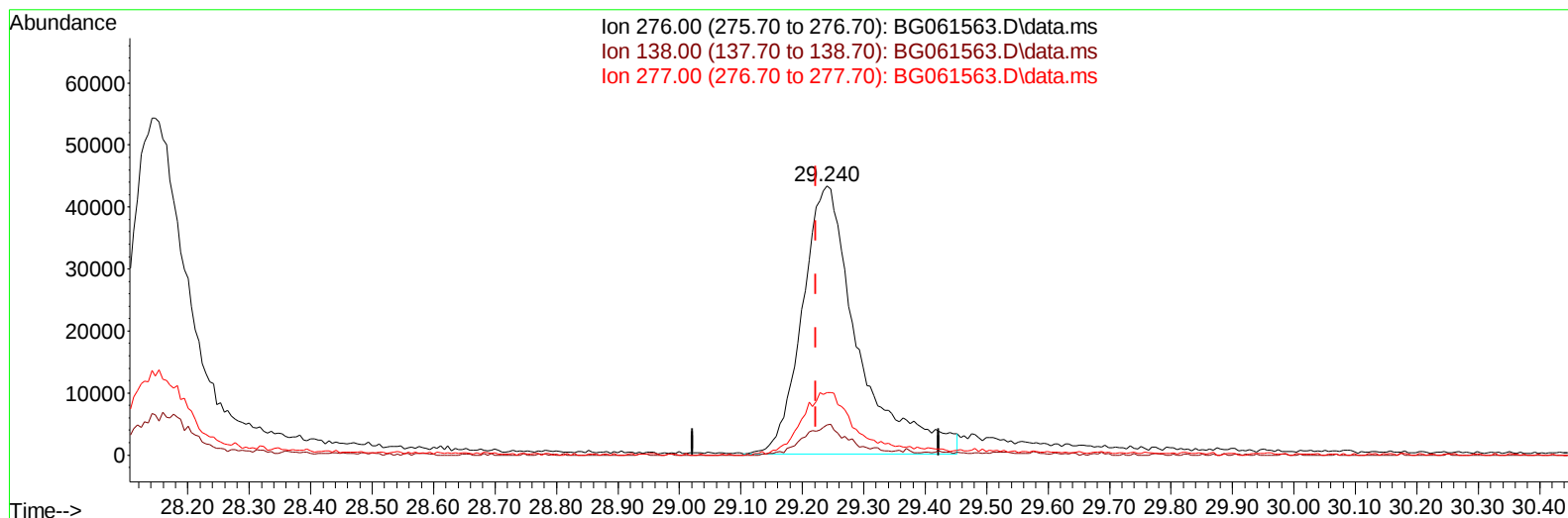
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG060724\  
Data File : BG061563.D  
Acq On : 8 Jun 2024 13:27  
Operator : MA/JU  
Sample : SSTDCCC020  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
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Manual IntegrationsAPPROVED

Quant Time: Jun 09 23:00:47 2024  
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Quant Title : SVOA CALIBRATION  
QLast Update : Thu Jun 06 12:15:45 2024  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/10/2024  
Supervised By :mohammad ahmed 06/10/2024



TIC: BG061563.D\data.ms

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

**29.240min (+ 0.018) 17.20 ng/ul m**

**response 272258**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 276.00 | 100.00 | 100.00 |
| 138.00 | 10.90  | 11.22  |
| 277.00 | 22.70  | 23.19  |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG060724\  
 Data File : BG061563.D  
 Acq On : 8 Jun 2024 13:27  
 Operator : MA/JU  
 Sample : SSTDCCC020  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 LabSampleId :  
 SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: Jun 09 23:40:33 2024  
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 Quant Title : SVOA CALIBRATION  
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Reviewed By :Yogesh Patel 06/10/2024  
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| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.871  | 152  | 31550    | 20.000 | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 10.662 | 136  | 127971   | 20.000 | ng/ul  | # 0.00   |
| 38) Acenaphthene-d10          | 14.510 | 164  | 97683    | 20.000 | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.260 | 188  | 232261   | 20.000 | ng/ul  | 0.00     |
| 79) Chrysene-d12              | 21.520 | 240  | 255134   | 20.000 | ng/ul  | 0.00     |
| 88) Perylene-d12              | 24.616 | 264  | 290972   | 20.000 | ng/ul  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.323  | 96   | 4478     | 7.943  | ng/uL  | -0.03    |
| 4) Pyridine-d5                | 3.735  | 84   | 33224    | 16.565 | ng/ul  | -0.03    |
| 7) Phenol-d5                  | 7.060  | 99   | 44593    | 17.211 | ng/ul  | -0.01    |
| 9) Bis-(2-Chloroethyl)eth...  | 7.201  | 67   | 26604    | 16.337 | ng/ul  | -0.01    |
| 11) 2-Chlorophenol-d4         | 7.413  | 132  | 36715    | 19.148 | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.594  | 113  | 38883    | 17.600 | ng/ul  | 0.00     |
| 21) Nitrobenzene-d5           | 9.029  | 128  | 19509    | 19.800 | ng/ul  | -0.01    |
| 24) 2-Nitrophenol-d4          | 9.751  | 143  | 23301    | 20.207 | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.304 | 165  | 47037    | 20.924 | ng/ul  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.803 | 131  | 52278    | 17.775 | ng/ul  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.917 | 166  | 138313   | 18.257 | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 14.205 | 160  | 154651   | 19.635 | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.757 | 143  | 13678    | 14.603 | ng/ul  | 0.00     |
| 60) Fluorene-d10              | 15.503 | 176  | 124989   | 19.109 | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.656 | 200  | 23806    | 16.947 | ng/ul  | 0.00     |
| 73) Anthracene-d10            | 17.360 | 188  | 207366   | 20.251 | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.657 | 212  | 251556   | 19.203 | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 24.405 | 264  | 278303   | 19.895 | ng/ul  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.365  | 88   | 4913     | 7.261  | ng/uL  | 91       |
| 5) Pyridine                   | 3.758  | 79   | 33663    | 16.969 | ng/ul# | 79       |
| 6) Benzaldehyde               | 7.007  | 77   | 21107    | 15.580 | ng/ul  | 94       |
| 8) Phenol                     | 7.090  | 94   | 46082    | 17.456 | ng/ul  | 95       |
| 10) Bis(2-Chloroethyl)ether   | 7.289  | 93   | 34204    | 17.714 | ng/ul  | 87       |
| 12) 2-Chlorophenol            | 7.442  | 128  | 38553    | 19.025 | ng/ul  | 98       |
| 13) 2-Methylphenol            | 8.329  | 108  | 36872    | 18.023 | ng/ul  | 89       |
| 14) 2,2'-oxybis(1-Chloropr... | 8.394  | 45   | 72033    | 13.813 | ng/ul# | 92       |
| 16) Acetophenone              | 8.694  | 105  | 63997    | 16.974 | ng/ul  | 90       |
| 17) N-Nitroso-di-n-propyla... | 8.676  | 70   | 31332    | 15.114 | ng/ul  | 84       |
| 18) 4-Methylphenol            | 8.658  | 108  | 39171    | 17.281 | ng/ul  | 99       |
| 19) Hexachloroethane          | 8.940  | 117  | 17441    | 19.344 | ng/ul  | 93       |
| 22) Nitrobenzene              | 9.070  | 77   | 51249    | 18.964 | ng/ul  | 97       |
| 23) Isophorone                | 9.593  | 82   | 89640    | 16.307 | ng/ul  | 97       |
| 25) 2-Nitrophenol             | 9.781  | 139  | 24727    | 19.756 | ng/ul  | 99       |
| 26) 2,4-Dimethylphenol        | 9.851  | 107  | 47047    | 18.970 | ng/ul  | 91       |
| 27) Bis(2-Chloroethoxy)met... | 10.074 | 93   | 48249    | 17.510 | ng/ul  | 97       |
| 29) 2,4-Dichlorophenol        | 10.327 | 162  | 43252    | 20.889 | ng/ul  | 98       |
| 30) Naphthalene               | 10.715 | 128  | 131129   | 19.413 | ng/ul  | 98       |
| 32) 4-Chloroaniline           | 10.826 | 127  | 51388    | 17.582 | ng/ul  | 95       |
| 33) Hexachlorobutadiene       | 10.997 | 225  | 45531    | 22.497 | ng/ul  | 94       |
| 34) Caprolactam               | 11.590 | 113  | 12753m   | 16.099 | ng/ul  |          |
| 35) 4-Chloro-3-methylphenol   | 11.978 | 107  | 45808    | 17.114 | ng/ul  | 98       |

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 Sample : SSTDCCC020  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 LabSampleId :  
 SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: Jun 09 23:40:33 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG052124.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Jun 06 12:15:45 2024  
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/10/2024  
 Supervised By :mohammad ahmed 06/10/2024

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 36) 2-Methylnaphthalene       | 12.325 | 142  | 89566    | 18.285 | ng/ul  | 99       |
| 37) 1-Methylnaphthalene       | 12.548 | 142  | 90769    | 18.056 | ng/ul  | 100      |
| 39) 1,2,4,5-Tetrachloroben... | 12.701 | 216  | 76260    | 23.646 | ng/ul  | 96       |
| 40) Hexachlorocyclopentadiene | 12.671 | 237  | 18180    | 12.489 | ng/ul# | 90       |
| 41) 2,4,6-Trichlorophenol     | 12.947 | 196  | 40901    | 22.515 | ng/ul  | 95       |
| 42) 2,4,5-Trichlorophenol     | 13.036 | 196  | 42381    | 22.154 | ng/ul  | 98       |
| 43) 1,1'-Biphenyl             | 13.341 | 154  | 128579   | 20.356 | ng/ul  | 98       |
| 44) 2-Chloronaphthalene       | 13.382 | 162  | 105158   | 21.155 | ng/ul  | 96       |
| 45) 2-Nitroaniline            | 13.594 | 65   | 35111    | 17.114 | ng/ul  | 91       |
| 47) Dimethylphthalate         | 13.964 | 163  | 141779   | 17.955 | ng/ul  | 99       |
| 48) 2,6-Dinitrotoluene        | 14.093 | 165  | 28404    | 18.343 | ng/ul  | 94       |
| 50) Acenaphthylene            | 14.234 | 152  | 170639   | 19.537 | ng/ul  | 99       |
| 51) 3-Nitroaniline            | 14.422 | 138  | 25285    | 18.815 | ng/ul  | 94       |
| 52) Acenaphthene              | 14.575 | 153  | 112798   | 19.688 | ng/ul  | 100      |
| 53) 2,4-Dinitrophenol         | 14.657 | 184  | 12845m   | 15.643 | ng/ul  |          |
| 55) 4-Nitrophenol             | 14.775 | 109  | 16898    | 15.345 | ng/ul  | 86       |
| 56) Dibenzofuran              | 14.910 | 168  | 159867   | 19.515 | ng/ul  | 97       |
| 57) 2,4-Dinitrotoluene        | 14.892 | 165  | 43435    | 18.436 | ng/ul  | 96       |
| 58) 2,3,4,6-Tetrachlorophenol | 15.151 | 232  | 35344    | 20.257 | ng/ul  | 93       |
| 59) Diethylphthalate          | 15.327 | 149  | 135478   | 17.374 | ng/ul  | 100      |
| 61) Fluorene                  | 15.562 | 166  | 132733   | 18.727 | ng/ul  | 97       |
| 62) 4-Chlorophenyl-phenyle... | 15.550 | 204  | 80585    | 19.386 | ng/ul  | 98       |
| 63) 4-Nitroaniline            | 15.586 | 138  | 23863    | 17.049 | ng/ul  | 98       |
| 66) 4,6-Dinitro-2-methylph... | 15.668 | 198  | 24444    | 16.604 | ng/ul  | 95       |
| 67) N-Nitrosodiphenylamine    | 15.768 | 169  | 116107   | 19.889 | ng/ul  | 99       |
| 68) 4-Bromophenyl-phenylether | 16.443 | 248  | 58251    | 21.167 | ng/ul  | 98       |
| 69) Hexachlorobenzene         | 16.573 | 284  | 65743    | 21.492 | ng/ul  | 99       |
| 70) Atrazine                  | 16.720 | 200  | 42706    | 18.485 | ng/ul  | 96       |
| 71) Pentachlorophenol         | 16.931 | 266  | 18529m   | 17.404 | ng/ul  |          |
| 72) Phenanthrene              | 17.307 | 178  | 223552   | 19.831 | ng/ul  | 99       |
| 74) Anthracene                | 17.395 | 178  | 229389   | 19.680 | ng/ul  | 98       |
| 75) 1,2,3,4-Tetrachloroben... | 13.312 | 216  | 76791    | 25.012 | ng/uL  | 97       |
| 76) Pentachlorobenzene        | 14.833 | 250  | 77234    | 22.753 | ng/uL  | 92       |
| 77) Carbazole                 | 17.671 | 167  | 190356   | 20.079 | ng/ul  | 98       |
| 78) Di-n-butylphthalate       | 18.224 | 149  | 227511   | 19.152 | ng/ul  | 99       |
| 80) Fluoranthene              | 19.322 | 202  | 298184   | 18.974 | ng/ul  | 98       |
| 82) Pyrene                    | 19.687 | 202  | 309746   | 18.988 | ng/ul  | 98       |
| 83) Butylbenzylphthalate      | 20.574 | 149  | 103131   | 18.404 | ng/ul  | 96       |
| 84) 3,3'-Dichlorobenzidine    | 21.414 | 252  | 114414   | 21.127 | ng/ul  | 100      |
| 85) Benzo(a)anthracene        | 21.502 | 228  | 345051   | 19.600 | ng/ul  | 99       |
| 86) Bis(2-ethylhexyl)phtha... | 21.408 | 149  | 149013   | 17.965 | ng/ul# | 98       |
| 87) Chrysene                  | 21.567 | 228  | 317814   | 19.606 | ng/ul  | 98       |
| 89) Di-n-octyl phthalate      | 22.566 | 149  | 260925   | 17.924 | ng/ul  | 100      |
| 90) Benzo(b)fluoranthene      | 23.641 | 252  | 344156m  | 19.865 | ng/ul  |          |
| 91) Benzo(k)fluoranthene      | 23.700 | 252  | 336412   | 19.128 | ng/ul  | 95       |
| 93) Benzo(a)pyrene            | 24.475 | 252  | 324589   | 19.731 | ng/ul  | 99       |
| 94) Indeno(1,2,3-cd)pyrene    | 28.141 | 276  | 368035m  | 18.500 | ng/ul  |          |
| 95) Dibenzo(a,h)anthracene    | 28.194 | 278  | 309599m  | 18.874 | ng/ul  |          |
| 96) Benzo(g,h,i)perylene      | 29.240 | 276  | 272258m  | 17.203 | ng/ul  |          |

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

**Instrument :**  
BNA\_G  
**LabSampleId :**  
SSTDCCC020

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 06/10/2024  
Supervised By :mohammad ahmed 06/10/2024

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG060724\  
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