

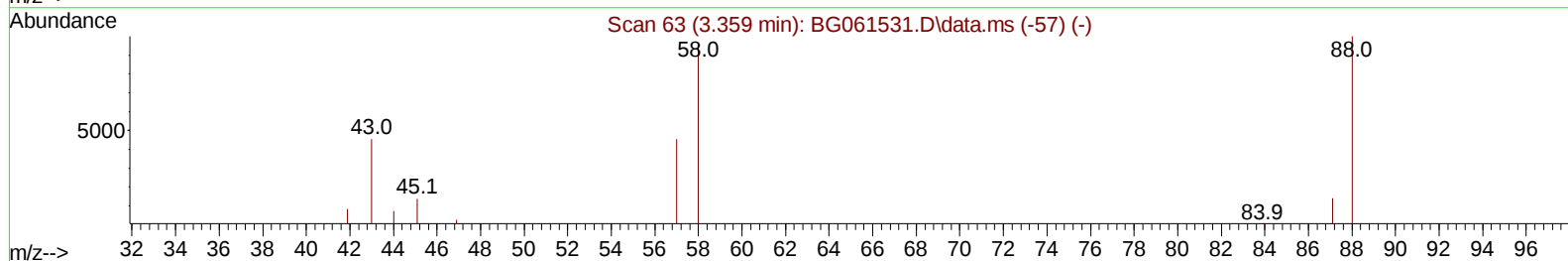
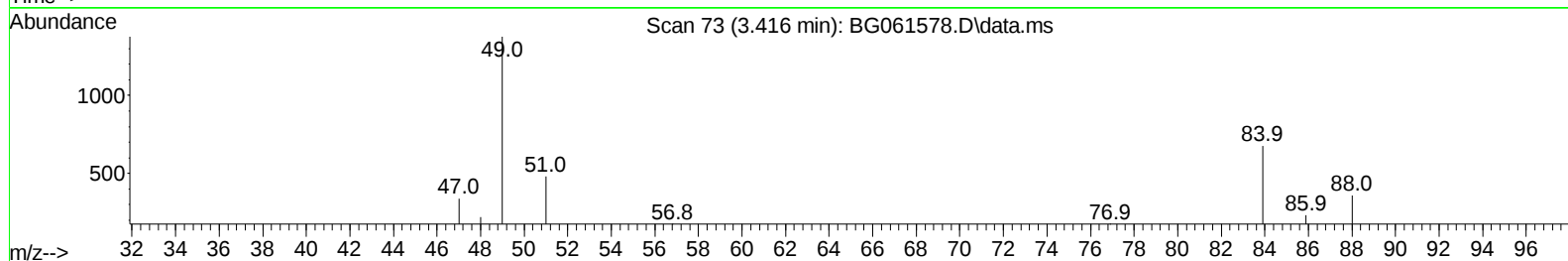
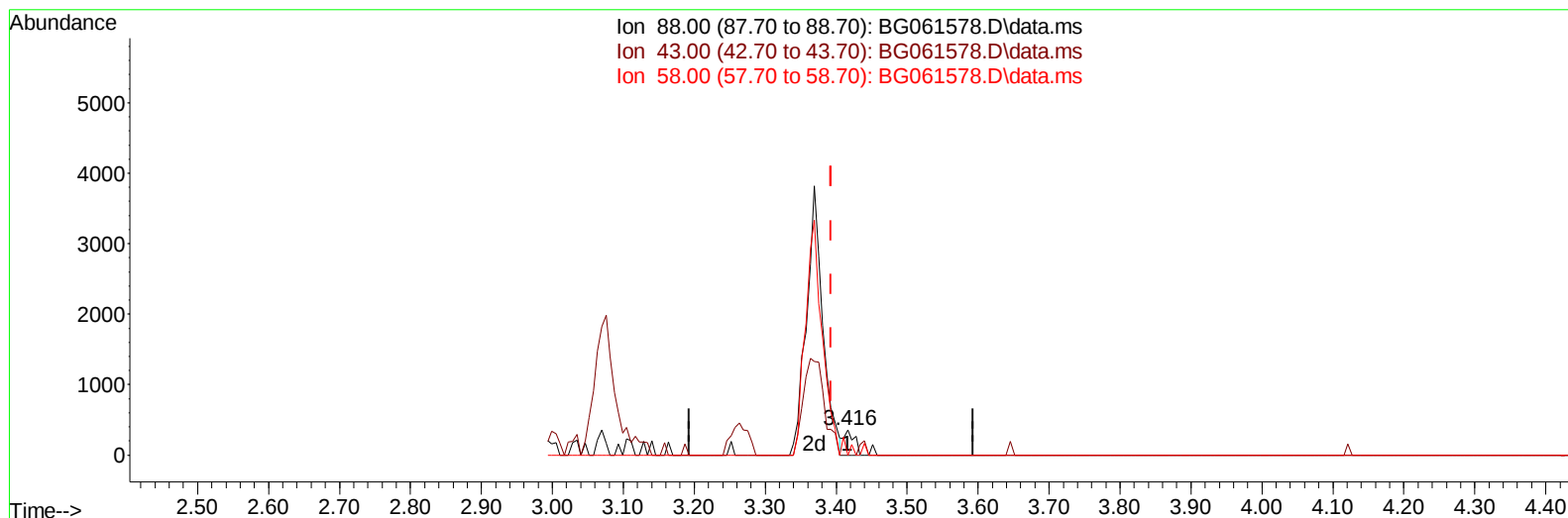
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG060724\  
Data File : BG061578.D  
Acq On : 8 Jun 2024 23:45  
Operator : MA/JU  
Sample : SSTDCCC020EC  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_G  
LabSampleId :  
SSTDCCC020EC

Manual IntegrationsAPPROVED

Quant Time: Jun 09 23:04:38 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: BG061578.D\data.ms

(2) 1,4-Dioxane

3.416min (+ 0.023) 0.49 ng/uL

response 380

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 88.00 | 100.00 | 100.00 |
| 43.00 | 55.80  | 0.00#  |
| 58.00 | 112.90 | 0.00#  |
| 0.00  | 0.00   | 0.00   |

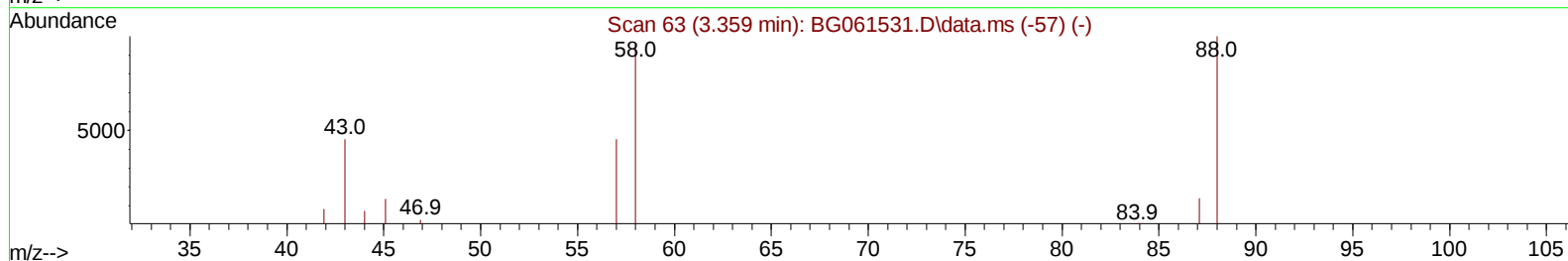
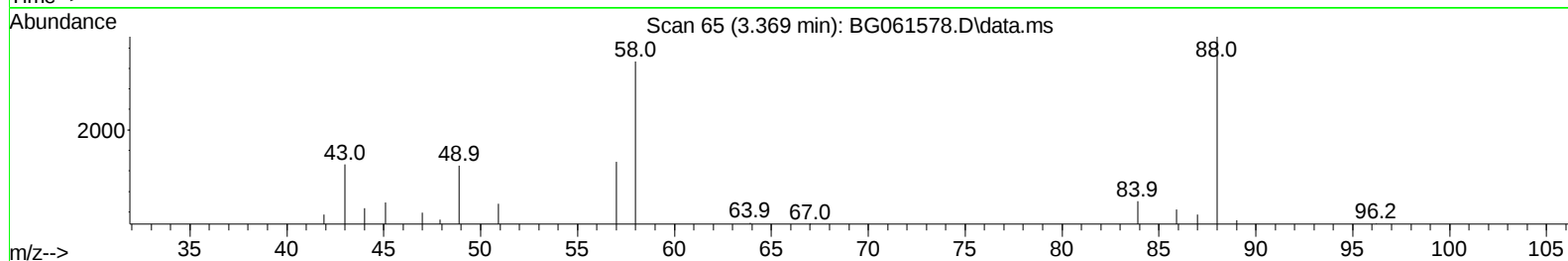
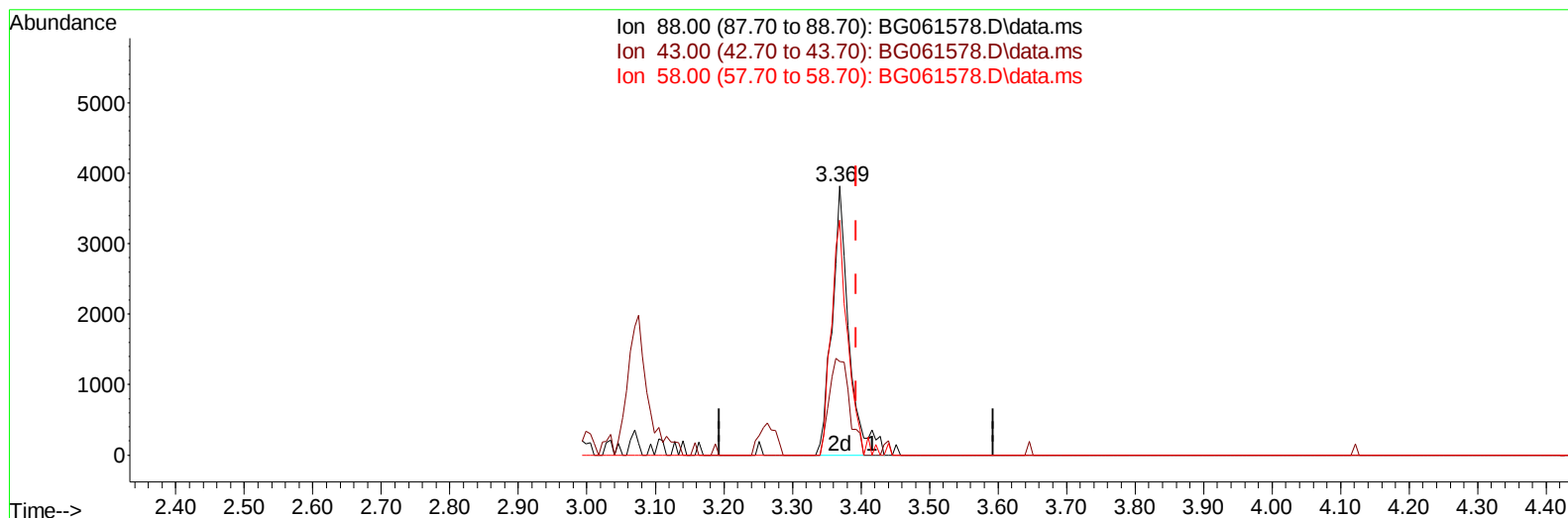
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG060724\  
Data File : BG061578.D  
Acq On : 8 Jun 2024 23:45  
Operator : MA/JU  
Sample : SSTDCCC020EC  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_G  
LabSampleId :  
SSTDCCC020EC

Manual IntegrationsAPPROVED

Quant Time: Jun 09 23:04:38 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: BG061578.D\data.ms

(2) 1,4-Dioxane

3.369min (-0.024) 8.43 ng/uL m

response 6544

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 88.00 | 100.00 | 100.00 |
| 43.00 | 55.80  | 34.69# |
| 58.00 | 112.90 | 87.27# |
| 0.00  | 0.00   | 0.00   |

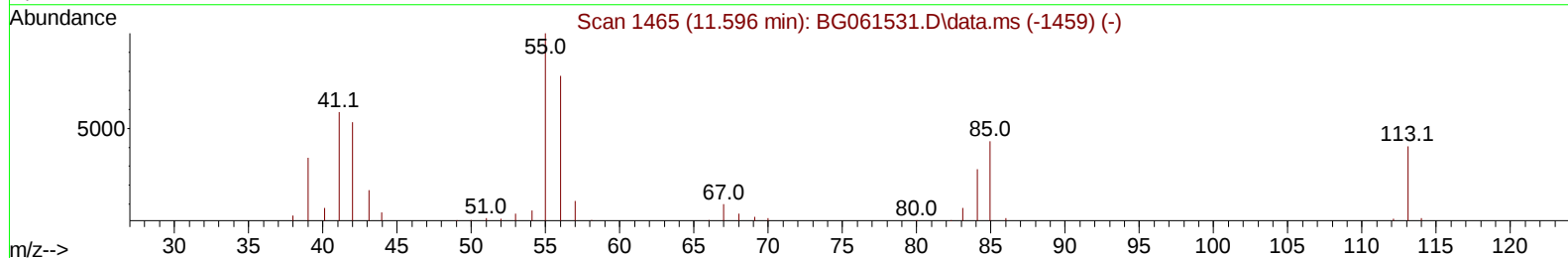
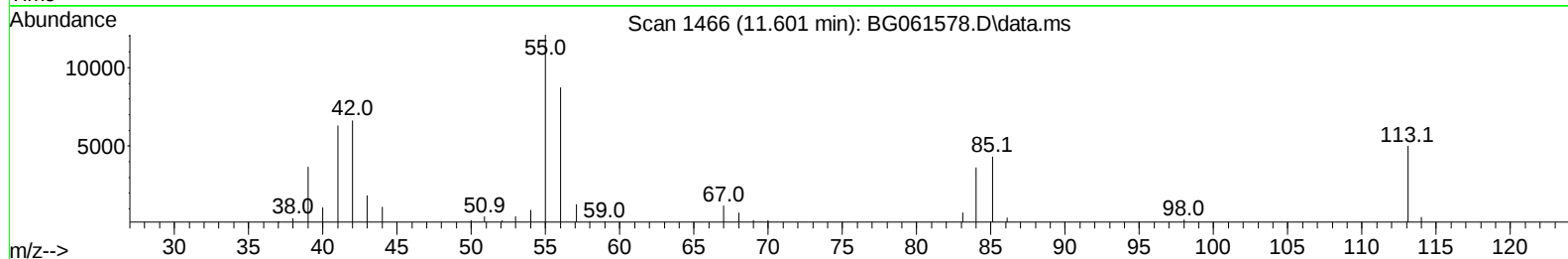
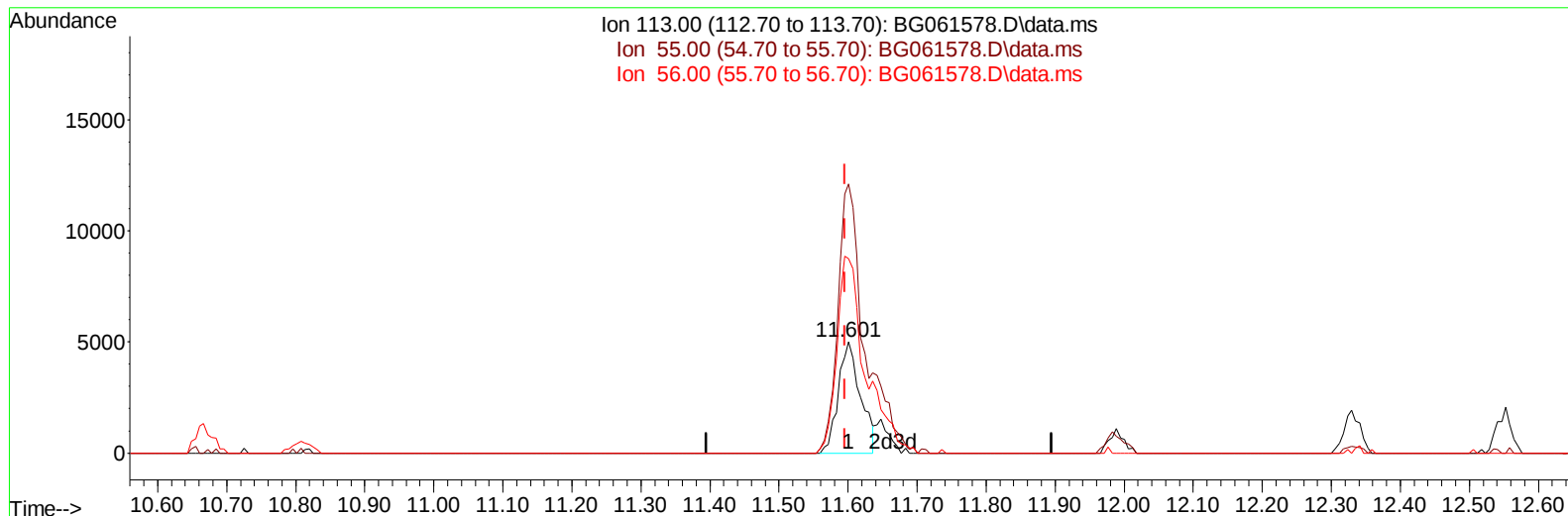
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG060724\  
Data File : BG061578.D  
Acq On : 8 Jun 2024 23:45  
Operator : MA/JU  
Sample : SSTDCCC020EC  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_G  
LabSampleId :  
SSTDCCC020EC

Manual IntegrationsAPPROVED

Quant Time: Jun 09 23:04:38 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: BG061578.D\data.ms

(34) Caprolactam

11.601min (+ 0.005) 13.43 ng/ul

response 11199

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 113.00 | 100.00 | 100.00 |
| 55.00  | 248.70 | 241.53 |
| 56.00  | 188.30 | 174.59 |
| 0.00   | 0.00   | 0.00   |

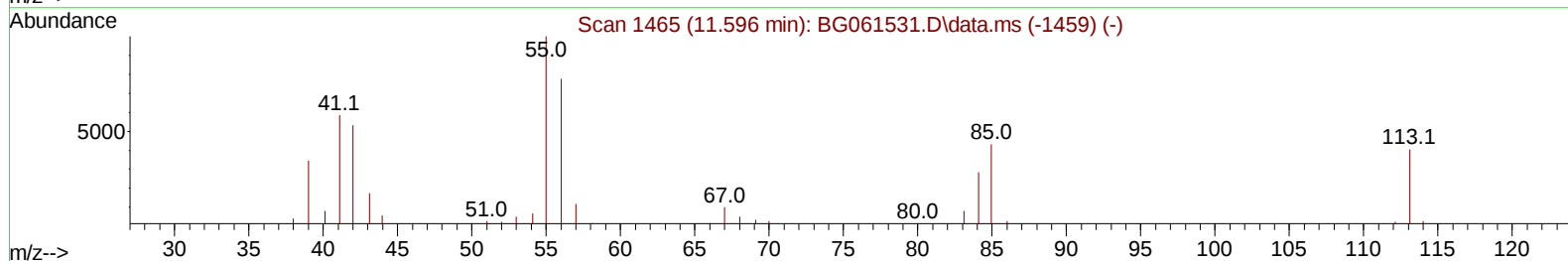
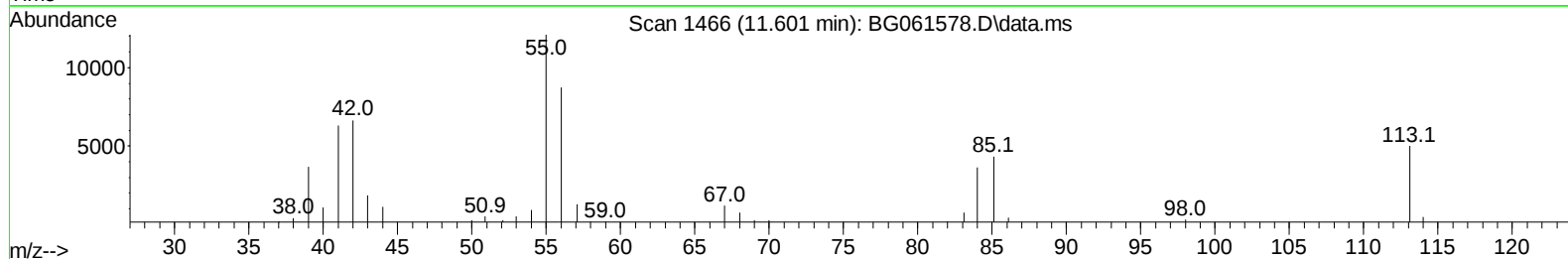
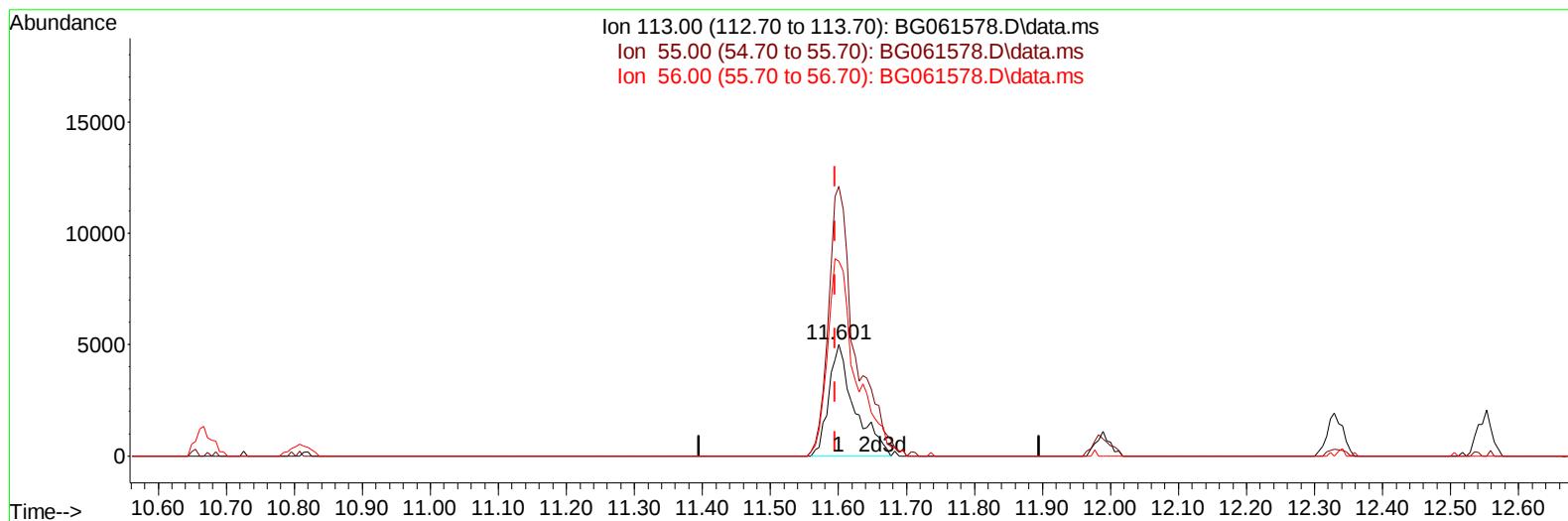
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG060724\  
Data File : BG061578.D  
Acq On : 8 Jun 2024 23:45  
Operator : MA/JU  
Sample : SSTDCCC020EC  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_G  
LabSampleId :  
SSTDCCC020EC

Manual IntegrationsAPPROVED

Quant Time: Jun 09 23:04:38 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: BG061578.D\data.ms

(34) Caprolactam

11.601min (+ 0.005) 15.75 ng/ul m

response 13132

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 113.00 | 100.00 | 100.00 |
| 55.00  | 248.70 | 241.53 |
| 56.00  | 188.30 | 174.59 |
| 0.00   | 0.00   | 0.00   |

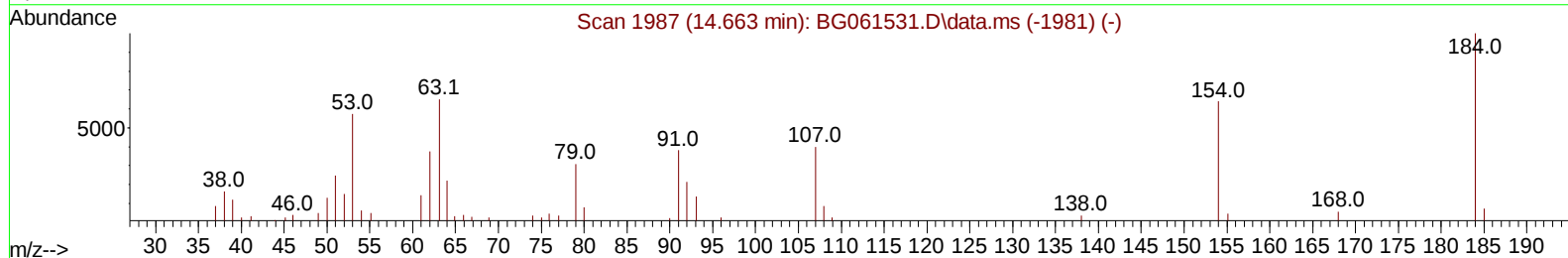
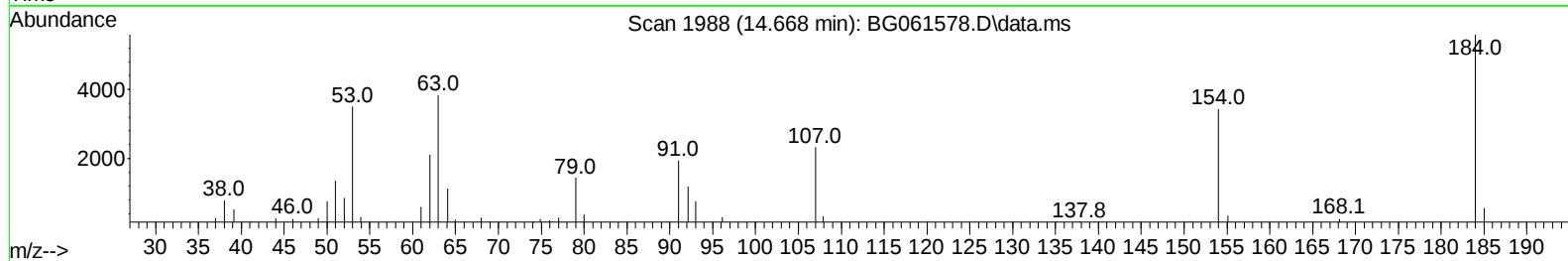
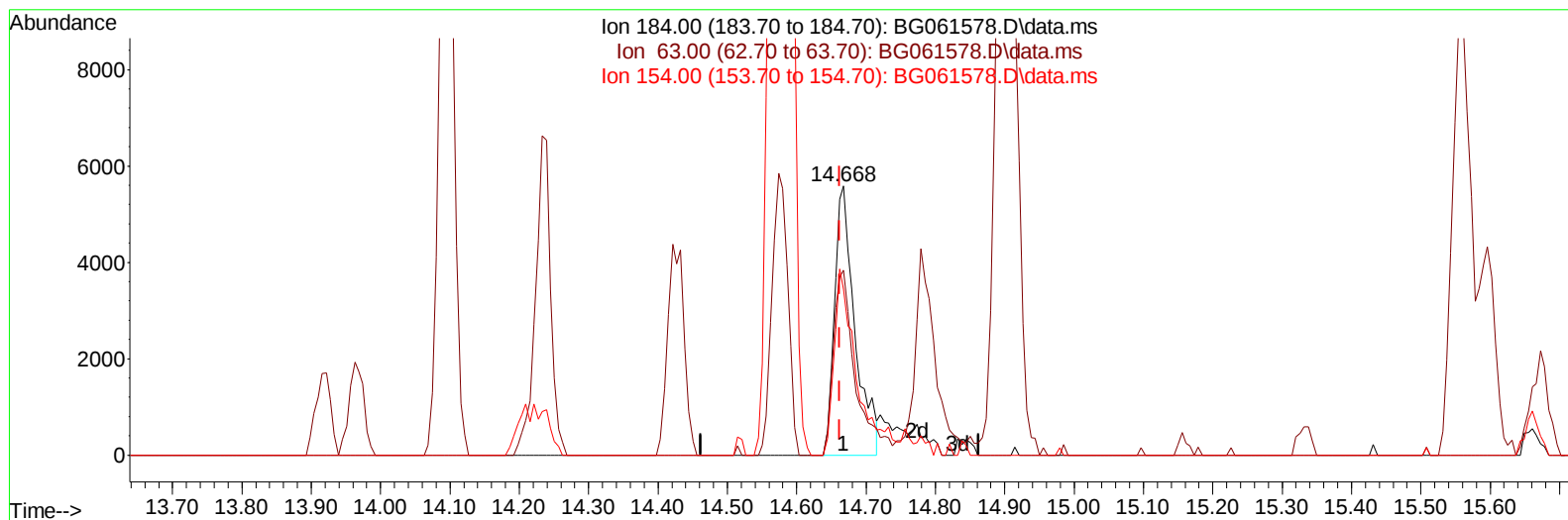
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG060724\  
Data File : BG061578.D  
Acq On : 8 Jun 2024 23:45  
Operator : MA/JU  
Sample : SSTDCCC020EC  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_G  
LabSampleId :  
SSTDCCC020EC

Manual IntegrationsAPPROVED

Quant Time: Jun 09 23:04:38 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: BG061578.D\data.ms

(53) 2,4-Dinitrophenol

14.668min (+ 0.005) 13.44 ng/u1

response 11422

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 184.00 | 100.00 | 100.00 |
| 63.00  | 76.60  | 68.64  |
| 154.00 | 68.70  | 61.60  |
| 0.00   | 0.00   | 0.00   |

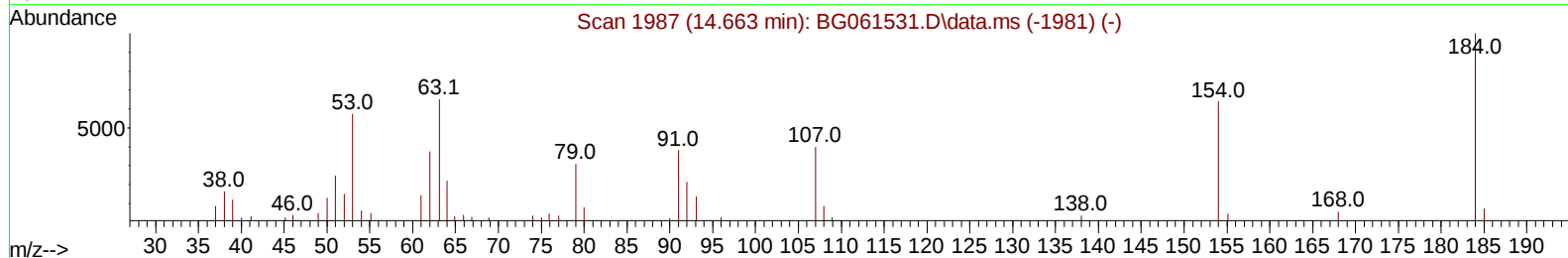
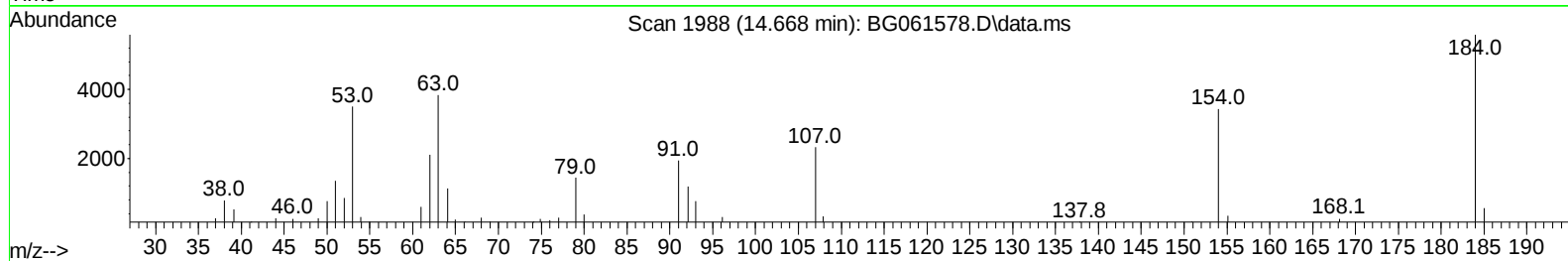
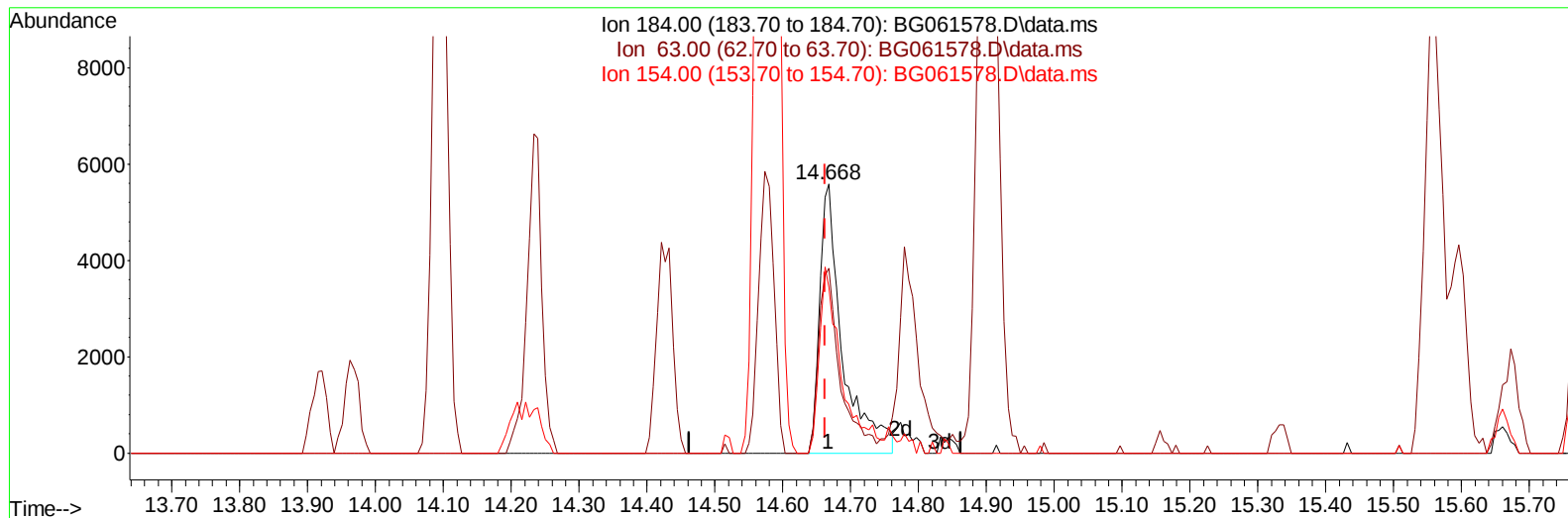
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG060724\  
Data File : BG061578.D  
Acq On : 8 Jun 2024 23:45  
Operator : MA/JU  
Sample : SSTDCCC020EC  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_G  
LabSampleId :  
SSTDCCC020EC

Manual IntegrationsAPPROVED

Quant Time: Jun 09 23:04:38 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: BG061578.D\data.ms

(53) 2,4-Dinitrophenol

14.668min (+ 0.005) 15.39 ng/ul m

response 13085

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 184.00 | 100.00 | 100.00 |
| 63.00  | 76.60  | 68.64  |
| 154.00 | 68.70  | 61.60  |
| 0.00   | 0.00   | 0.00   |

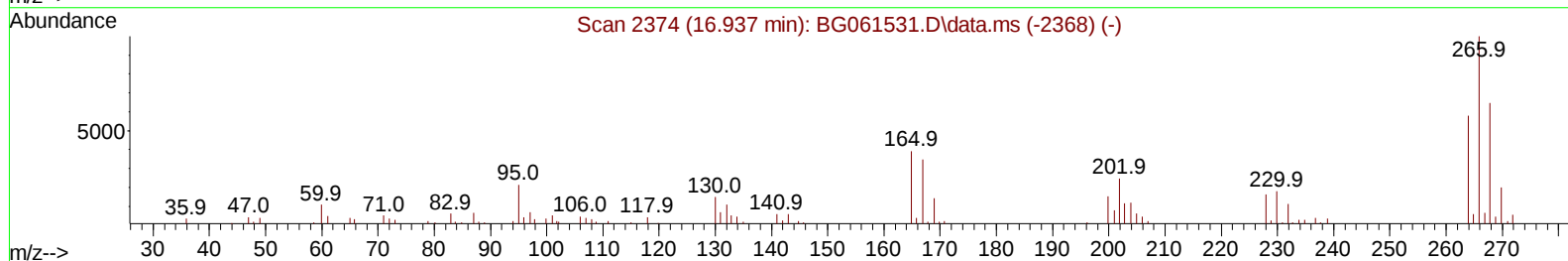
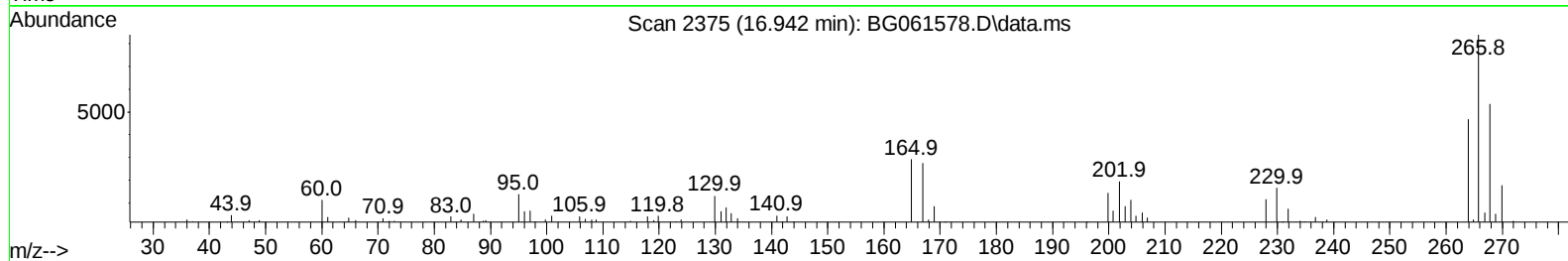
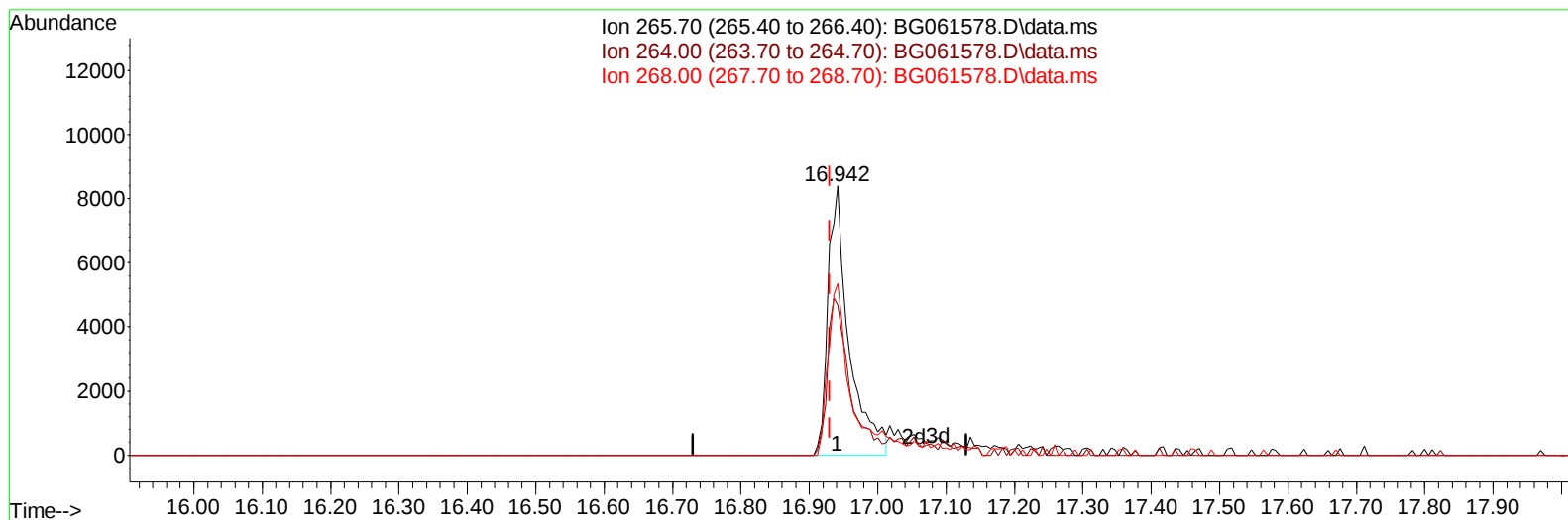
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG060724\  
Data File : BG061578.D  
Acq On : 8 Jun 2024 23:45  
Operator : MA/JU  
Sample : SSTDCCC020EC  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_G  
LabSampleId :  
SSTDCCC020EC

Manual IntegrationsAPPROVED

Quant Time: Jun 09 23:04:38 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: BG061578.D\data.ms

**(71) Pentachlorophenol (C)**

**16.942min (+ 0.011) 16.62 ng/u1**

**response 17979**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 265.70 | 100.00 | 100.00 |
| 264.00 | 52.40  | 55.70  |
| 268.00 | 65.80  | 63.84  |
| 0.00   | 0.00   | 0.00   |

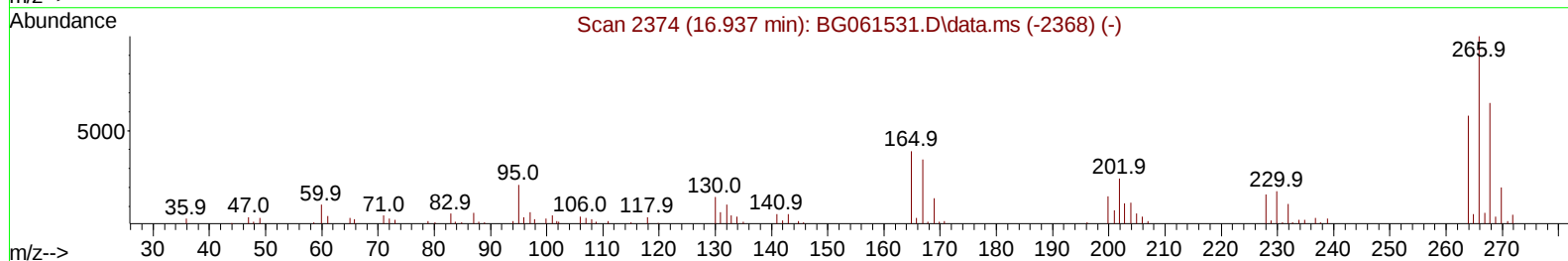
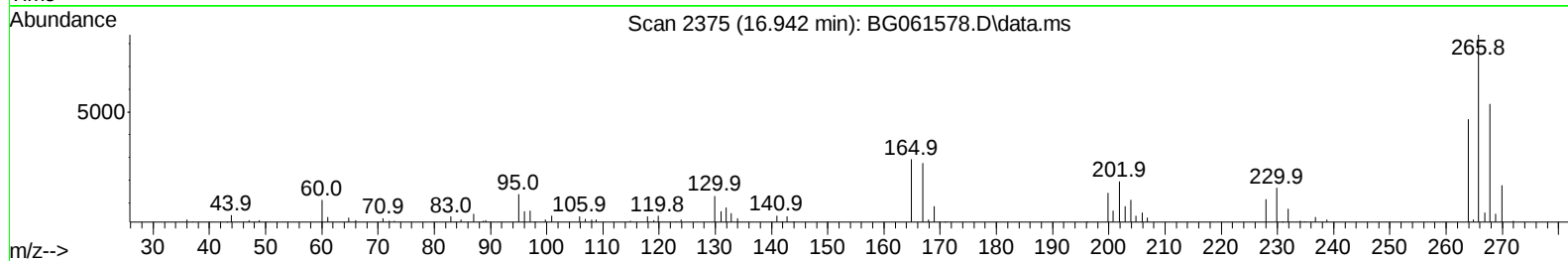
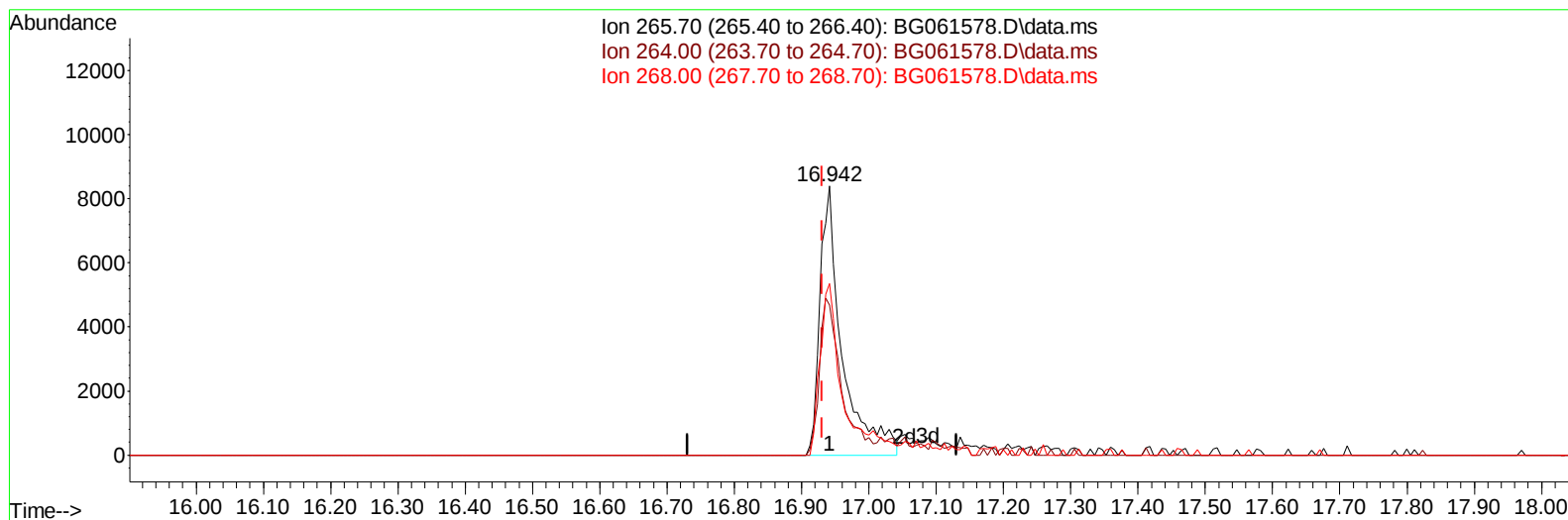
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 Data File : BG061578.D  
 Acq On : 8 Jun 2024 23:45  
 Operator : MA/JU  
 Sample : SSTDCCC020EC  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 LabSampleId :  
 SSTDCCC020EC

Manual IntegrationsAPPROVED

Quant Time: Jun 09 23:04:38 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: BG061578.D\data.ms

**(71) Pentachlorophenol (C)**

**16.942min (+ 0.011) 17.70 ng/ul m**

**response 19153**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 265.70 | 100.00 | 100.00 |
| 264.00 | 52.40  | 55.70  |
| 268.00 | 65.80  | 63.84  |
| 0.00   | 0.00   | 0.00   |

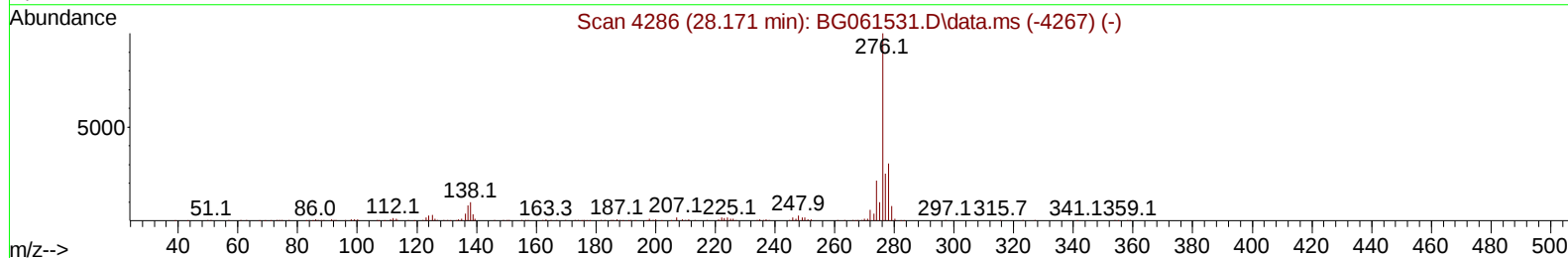
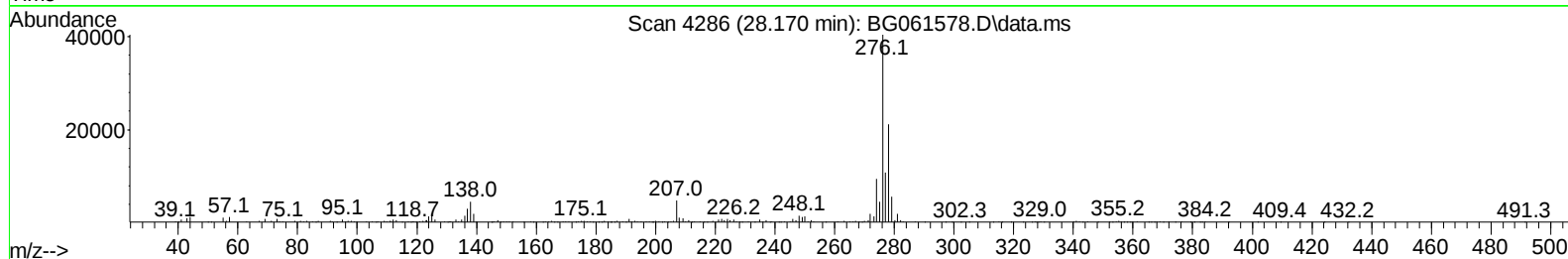
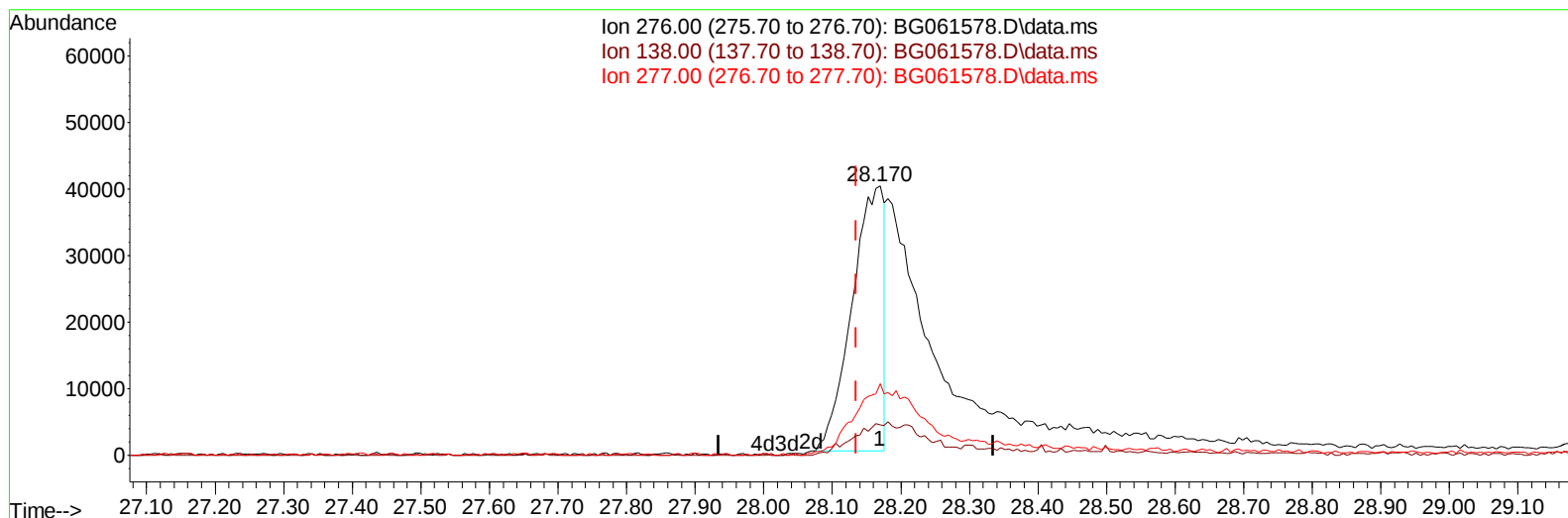
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG060724\  
Data File : BG061578.D  
Acq On : 8 Jun 2024 23:45  
Operator : MA/JU  
Sample : SSTDCCC020EC  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_G  
LabSampleId :  
SSTDCCC020EC

Manual IntegrationsAPPROVED

Quant Time: Jun 09 23:04:38 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: BG061578.D\data.ms

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

**28.170min (+ 0.035) 6.75 ng/u1**

**response 129605**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 276.00 | 100.00 | 100.00 |
| 138.00 | 10.80  | 11.28  |
| 277.00 | 24.60  | 26.59  |
| 0.00   | 0.00   | 0.00   |

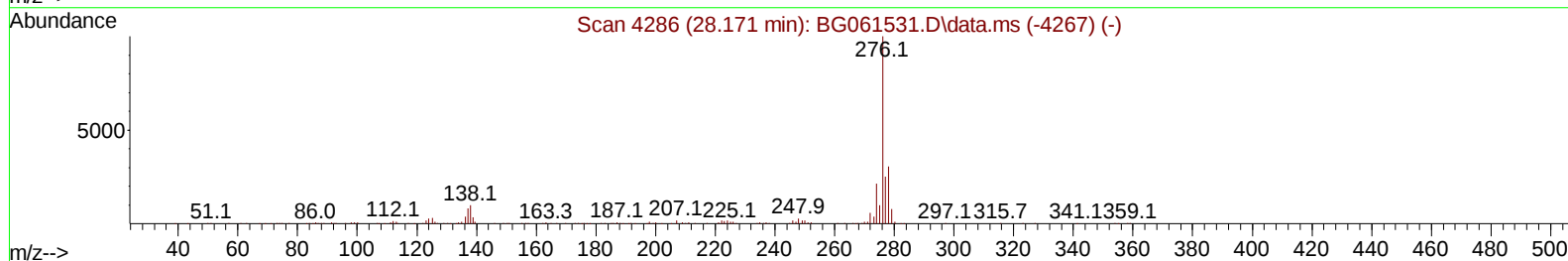
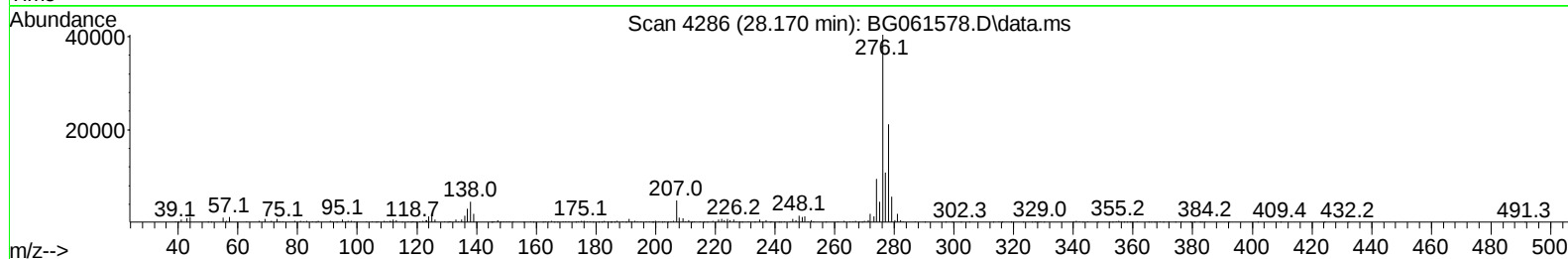
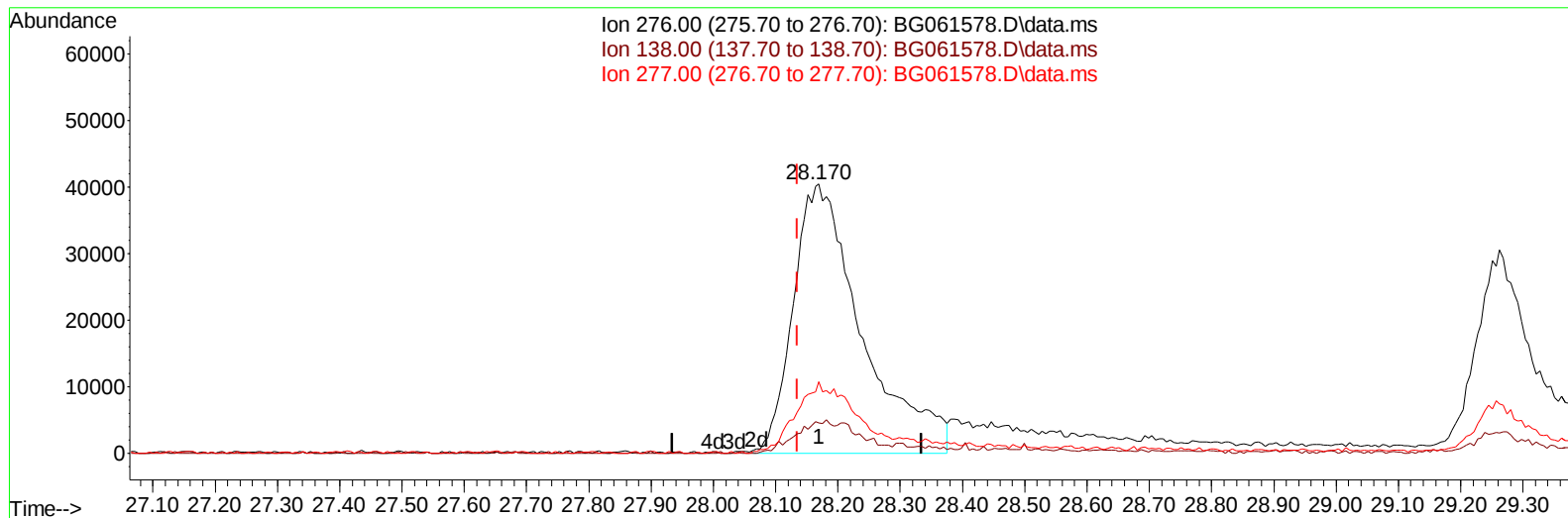
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG060724\  
Data File : BG061578.D  
Acq On : 8 Jun 2024 23:45  
Operator : MA/JU  
Sample : SSTDCCC020EC  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_G  
LabSampleId :  
SSTDCCC020EC

Manual IntegrationsAPPROVED

Quant Time: Jun 09 23:04:38 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: BG061578.D\data.ms

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

28.170min (+ 0.035) 16.08 ng/ul m

response 308805

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 276.00 | 100.00 | 100.00 |
| 138.00 | 10.80  | 11.28  |
| 277.00 | 24.60  | 26.59  |
| 0.00   | 0.00   | 0.00   |

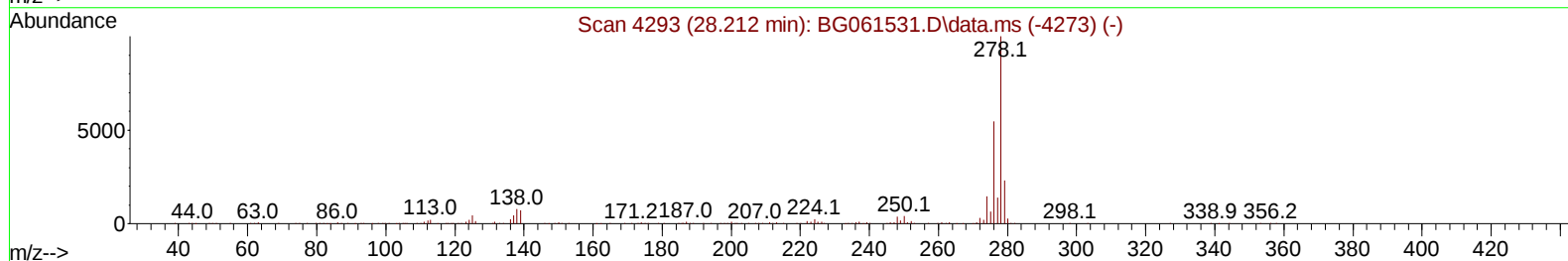
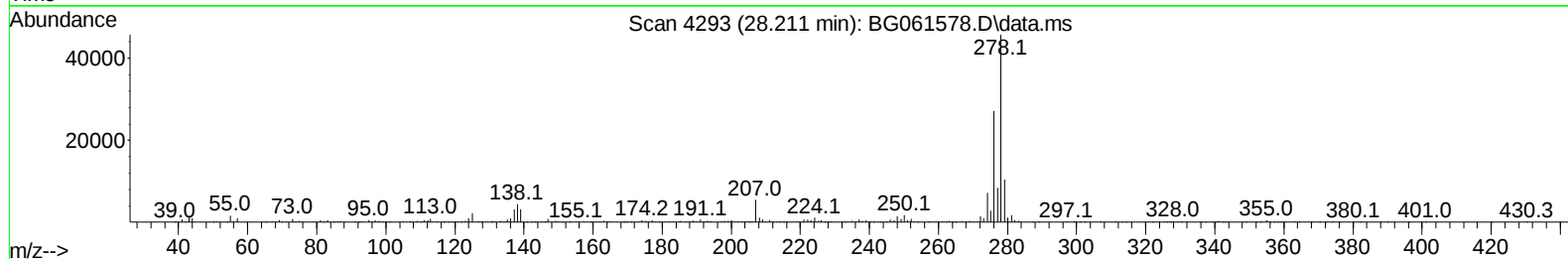
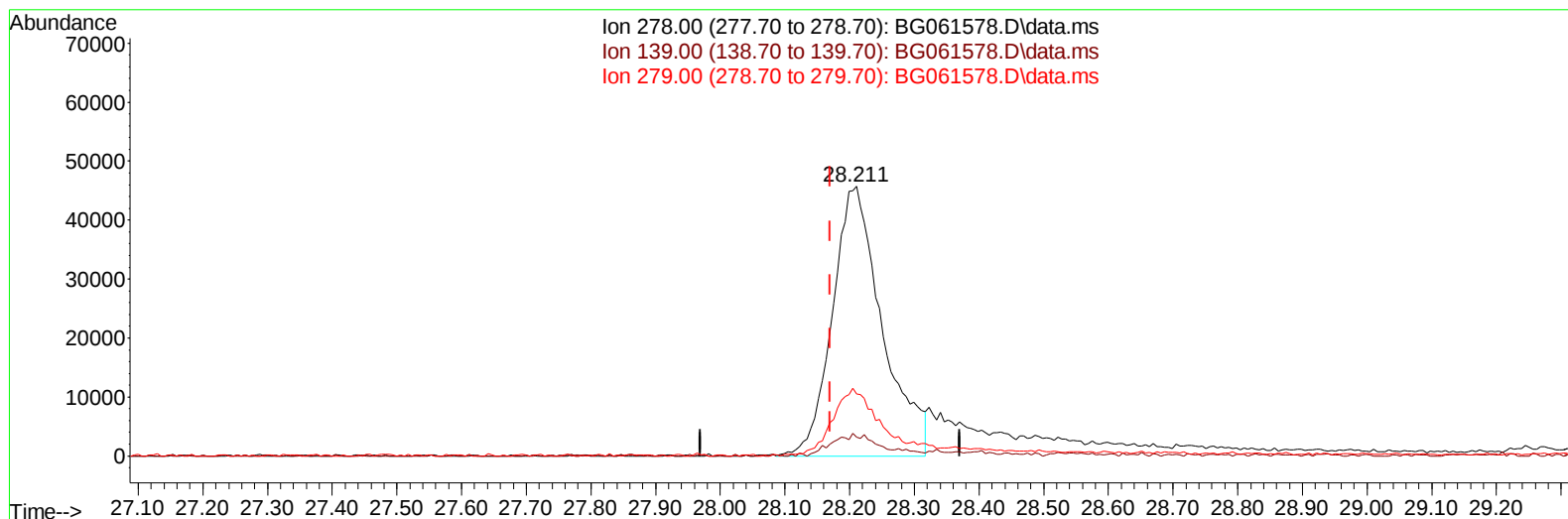
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG060724\  
Data File : BG061578.D  
Acq On : 8 Jun 2024 23:45  
Operator : MA/JU  
Sample : SSTDCCC020EC  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_G  
LabSampleId :  
SSTDCCC020EC

Manual IntegrationsAPPROVED

Quant Time: Jun 09 23:04:38 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: BG061578.D\data.ms

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

28.211min (+ 0.041) 15.42 ng/u1

response 244145

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 278.00 | 100.00 | 100.00 |
| 139.00 | 8.00   | 7.00   |
| 279.00 | 24.90  | 23.03  |
| 0.00   | 0.00   | 0.00   |

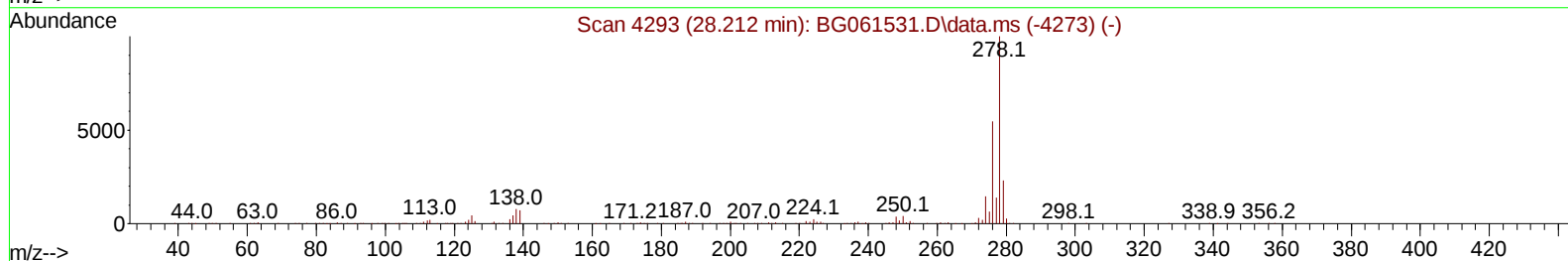
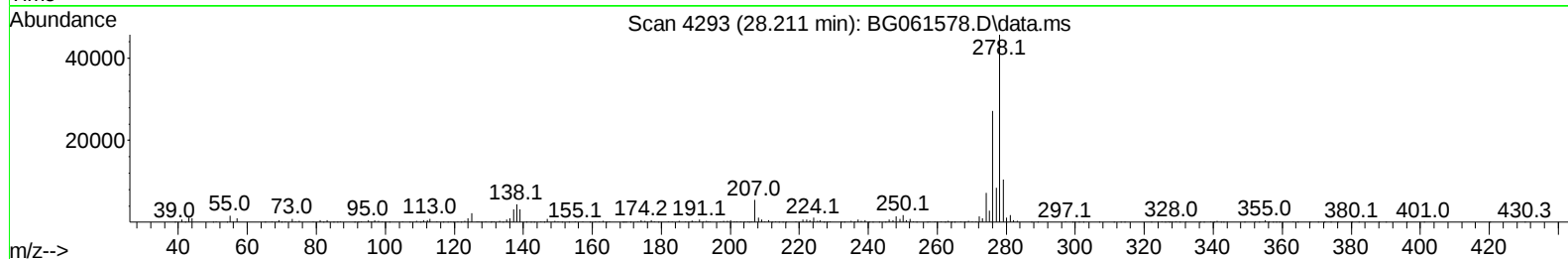
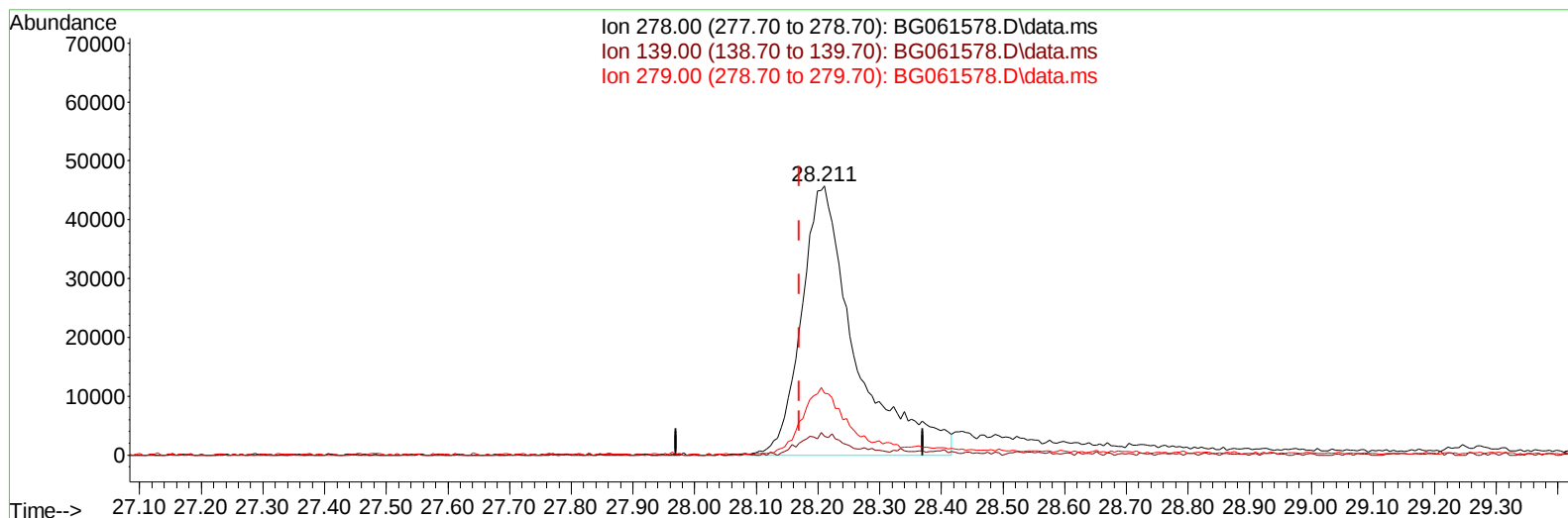
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG060724\  
Data File : BG061578.D  
Acq On : 8 Jun 2024 23:45  
Operator : MA/JU  
Sample : SSTDCCC020EC  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_G  
LabSampleId :  
SSTDCCC020EC

Manual IntegrationsAPPROVED

Quant Time: Jun 09 23:04:38 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: BG061578.D\data.ms

(95) Dibenzo(a,h)anthracene

28.211min (+ 0.041) 17.47 ng/ul m

response 276730

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 278.00 | 100.00 | 100.00 |
| 139.00 | 8.00   | 7.00   |
| 279.00 | 24.90  | 23.03  |
| 0.00   | 0.00   | 0.00   |

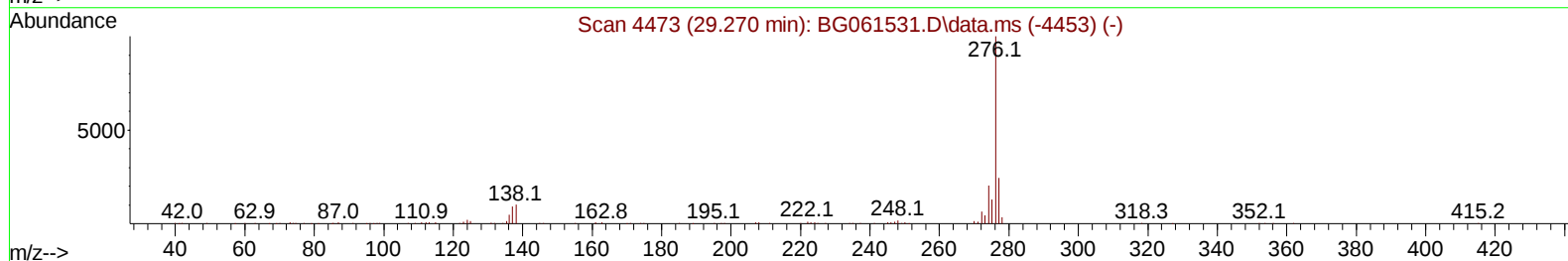
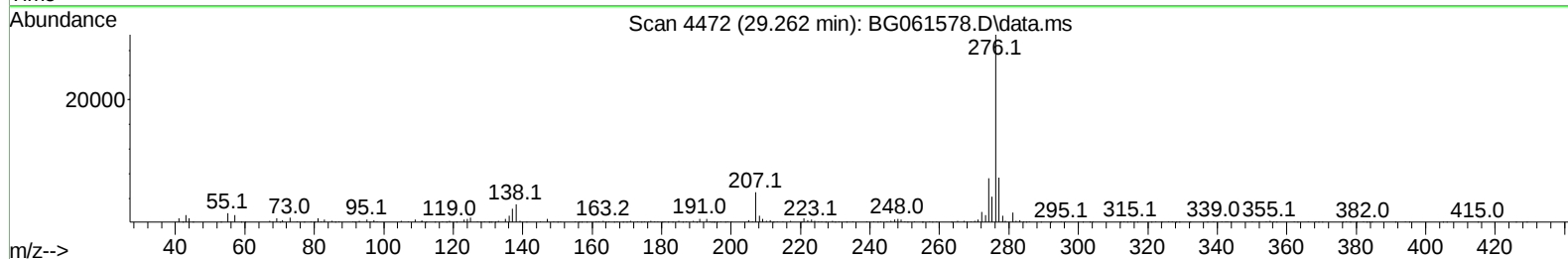
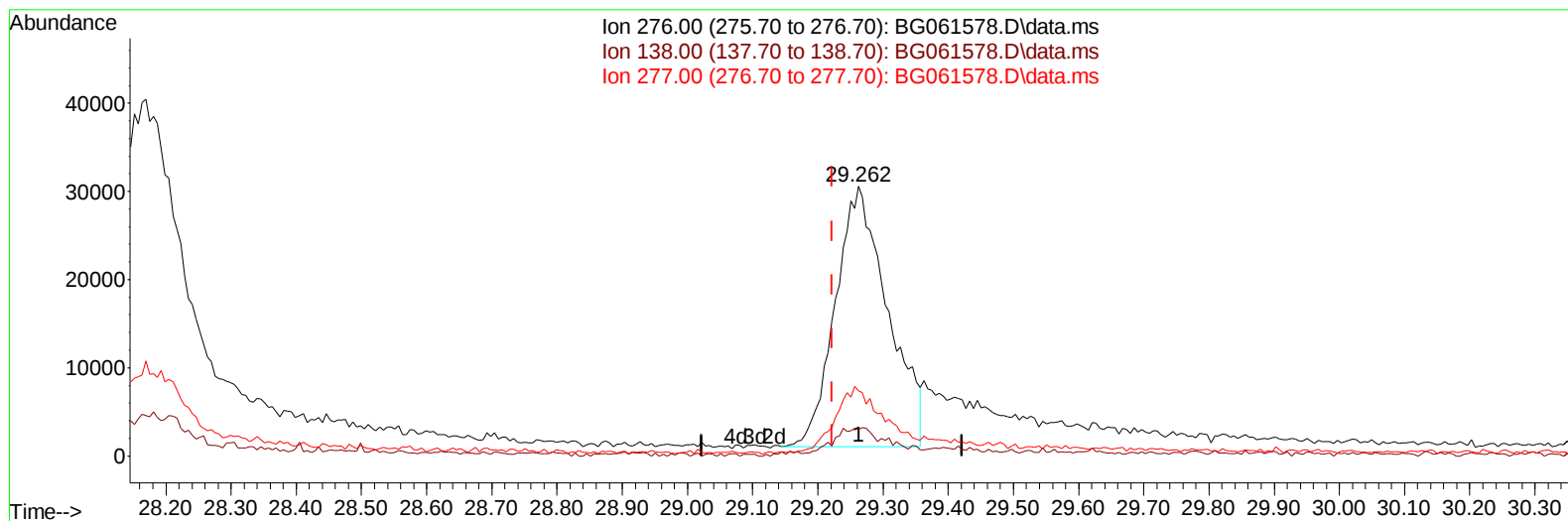
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG060724\  
Data File : BG061578.D  
Acq On : 8 Jun 2024 23:45  
Operator : MA/JU  
Sample : SSTDCCC020EC  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_G  
LabSampleId :  
SSTDCCC020EC

Manual IntegrationsAPPROVED

Quant Time: Jun 09 23:04:38 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: BG061578.D\data.ms

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

29.262min (+ 0.041) 10.79 ng/u1

response 164853

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 276.00 | 100.00 | 100.00 |
| 138.00 | 10.90  | 9.79   |
| 277.00 | 22.70  | 24.19  |
| 0.00   | 0.00   | 0.00   |

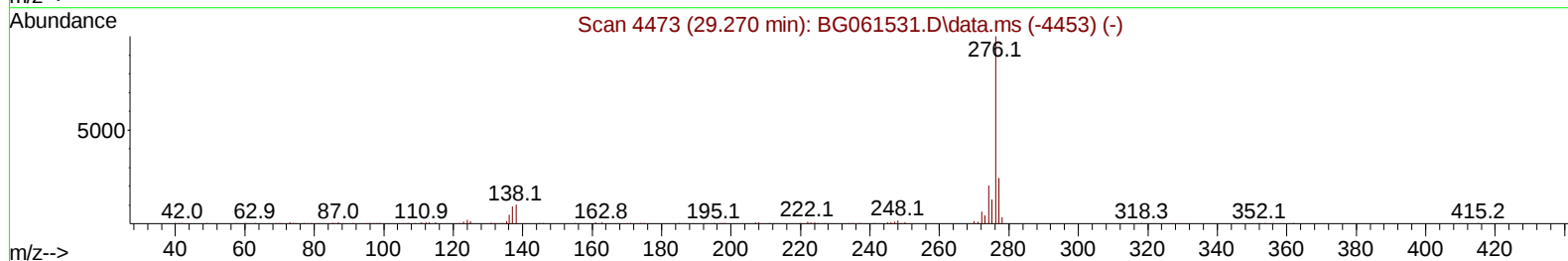
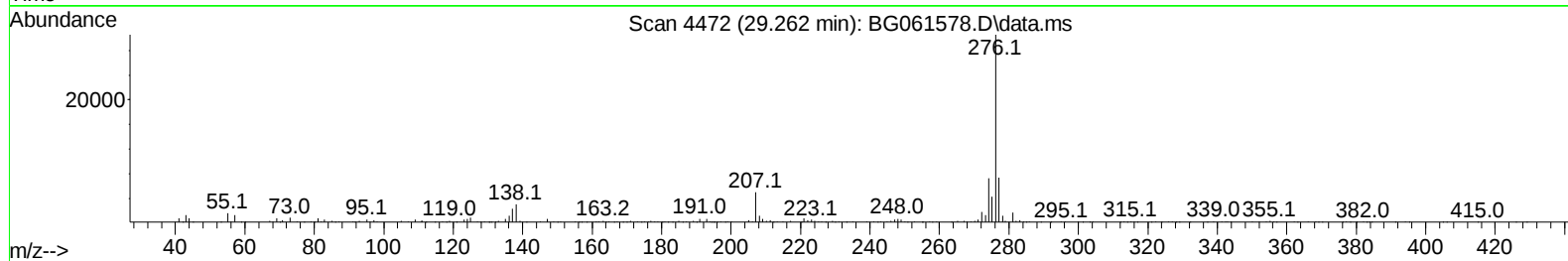
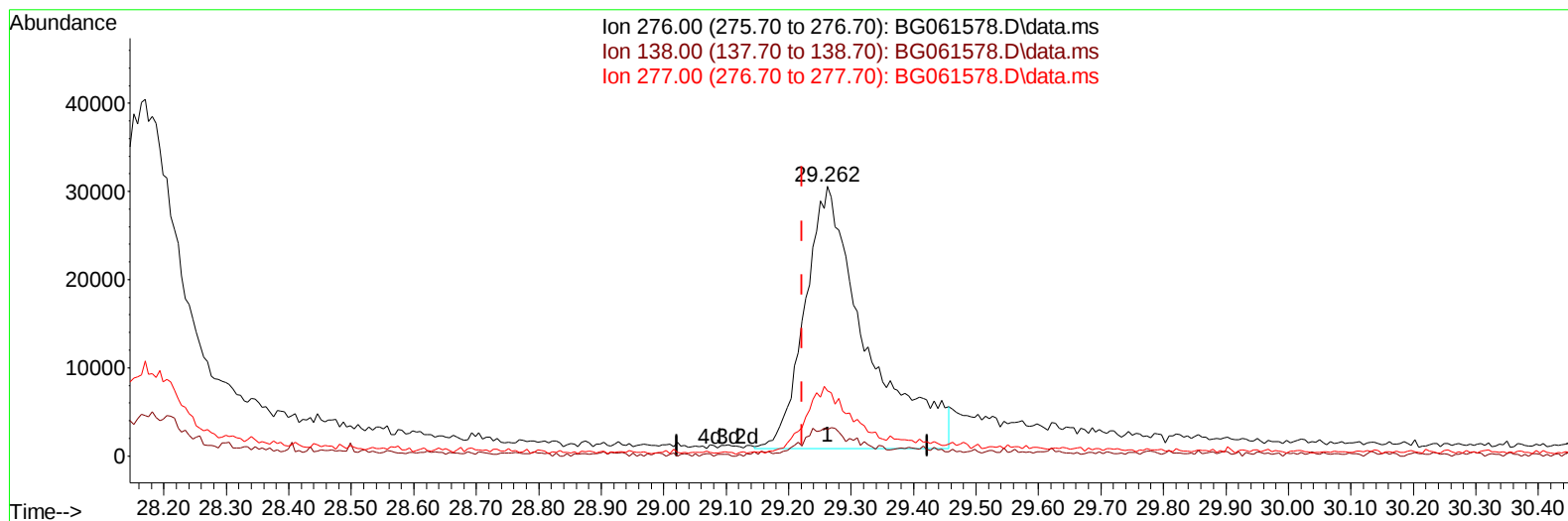
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG060724\  
 Data File : BG061578.D  
 Acq On : 8 Jun 2024 23:45  
 Operator : MA/JU  
 Sample : SSTDCCC020EC  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

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Manual IntegrationsAPPROVED

Quant Time: Jun 09 23:04:38 2024  
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 QLast Update : Thu Jun 06 12:15:45 2024  
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Reviewed By :Yogesh Patel 06/10/2024  
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TIC: BG061578.D\data.ms

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

29.262min (+ 0.041) 13.18 ng/ul m

response 201438

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 276.00 | 100.00 | 100.00 |
| 138.00 | 10.90  | 9.79   |
| 277.00 | 22.70  | 24.19  |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG060724\  
 Data File : BG061578.D  
 Acq On : 8 Jun 2024 23:45  
 Operator : MA/JU  
 Sample : SSTDCCC020EC  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 LabSampleId :  
 SSTDCCC020EC

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:07:25 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) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.876  | 152  | 36182    | 20.000 | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 10.667 | 136  | 134701   | 20.000 | ng/ul  | 0.00     |
| 38) Acenaphthene-d10          | 14.515 | 164  | 101132   | 20.000 | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.265 | 188  | 236023   | 20.000 | ng/ul  | 0.00     |
| 79) Chrysene-d12              | 21.524 | 240  | 261029   | 20.000 | ng/ul  | 0.00     |
| 88) Perylene-d12              | 24.627 | 264  | 280935   | 20.000 | ng/ul  | 0.02     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.334  | 96   | 5526     | 8.547  | ng/uL  | -0.02    |
| 4) Pyridine-d5                | 3.745  | 84   | 40741    | 17.713 | ng/ul  | -0.02    |
| 7) Phenol-d5                  | 7.071  | 99   | 49591    | 16.690 | ng/ul  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.206  | 67   | 28925    | 15.488 | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.417  | 132  | 41311    | 18.786 | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.604  | 113  | 42904    | 16.934 | ng/ul  | 0.00     |
| 21) Nitrobenzene-d5           | 9.033  | 128  | 21147    | 20.390 | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.756  | 143  | 24205    | 19.942 | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.308 | 165  | 50768    | 21.455 | ng/ul  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.808 | 131  | 56001    | 18.090 | ng/ul  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.916 | 166  | 146896   | 18.728 | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 14.204 | 160  | 159906   | 19.610 | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.774 | 143  | 14412    | 14.862 | ng/ul  | 0.02     |
| 60) Fluorene-d10              | 15.508 | 176  | 132765   | 19.606 | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.661 | 200  | 23425    | 16.410 | ng/ul  | 0.01     |
| 73) Anthracene-d10            | 17.365 | 188  | 216341   | 20.791 | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.662 | 212  | 262250   | 19.567 | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 24.421 | 264  | 279158   | 20.669 | ng/ul  | 0.02     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.369  | 88   | 6544m    | 8.433  | ng/uL  |          |
| 5) Pyridine                   | 3.763  | 79   | 41921    | 18.427 | ng/ul  | 89       |
| 6) Benzaldehyde               | 7.012  | 77   | 24778    | 15.948 | ng/ul  | 88       |
| 8) Phenol                     | 7.100  | 94   | 51316    | 16.950 | ng/ul  | 91       |
| 10) Bis(2-Chloroethyl)ether   | 7.294  | 93   | 35626    | 16.088 | ng/ul  | 90       |
| 12) 2-Chlorophenol            | 7.447  | 128  | 41858    | 18.012 | ng/ul  | 99       |
| 13) 2-Methylphenol            | 8.340  | 108  | 39997    | 17.047 | ng/ul  | 97       |
| 14) 2,2'-oxybis(1-Chloropr... | 8.399  | 45   | 75724    | 12.662 | ng/ul# | 95       |
| 16) Acetophenone              | 8.698  | 105  | 68490    | 15.840 | ng/ul  | 91       |
| 17) N-Nitroso-di-n-propyla... | 8.675  | 70   | 33973    | 14.290 | ng/ul# | 85       |
| 18) 4-Methylphenol            | 8.663  | 108  | 43534    | 16.747 | ng/ul  | 98       |
| 19) Hexachloroethane          | 8.945  | 117  | 17845    | 17.258 | ng/ul  | 90       |
| 22) Nitrobenzene              | 9.074  | 77   | 53768    | 18.902 | ng/ul  | 97       |
| 23) Isophorone                | 9.597  | 82   | 90395    | 15.622 | ng/ul  | 98       |
| 25) 2-Nitrophenol             | 9.785  | 139  | 26980    | 20.479 | ng/ul  | 90       |
| 26) 2,4-Dimethylphenol        | 9.862  | 107  | 49267    | 18.873 | ng/ul  | 97       |
| 27) Bis(2-Chloroethoxy)met... | 10.073 | 93   | 51876    | 17.885 | ng/ul  | 99       |
| 29) 2,4-Dichlorophenol        | 10.338 | 162  | 46844    | 21.494 | ng/ul  | 91       |
| 30) Naphthalene               | 10.719 | 128  | 139699   | 19.649 | ng/ul  | 98       |
| 32) 4-Chloroaniline           | 10.837 | 127  | 52781    | 17.157 | ng/ul  | 100      |
| 33) Hexachlorobutadiene       | 10.996 | 225  | 49351    | 23.166 | ng/ul  | 96       |
| 34) Caprolactam               | 11.601 | 113  | 13132m   | 15.749 | ng/ul  |          |
| 35) 4-Chloro-3-methylphenol   | 11.989 | 107  | 48401    | 17.179 | ng/ul  | 94       |

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Instrument :  
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 SSTDCCC020EC

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:07:25 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

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 36) 2-Methylnaphthalene       | 12.329 | 142  | 96229    | 18.664 | ng/ul  | 99       |
| 37) 1-Methylnaphthalene       | 12.553 | 142  | 96553    | 18.247 | ng/ul  | 97       |
| 39) 1,2,4,5-Tetrachloroben... | 12.705 | 216  | 82759    | 24.786 | ng/ul  | 96       |
| 40) Hexachlorocyclopentadiene | 12.676 | 237  | 9354     | 6.207  | ng/ul# | 81       |
| 41) 2,4,6-Trichlorophenol     | 12.958 | 196  | 43425    | 23.090 | ng/ul  | 96       |
| 42) 2,4,5-Trichlorophenol     | 13.046 | 196  | 44721    | 22.580 | ng/ul  | 94       |
| 43) 1,1'-Biphenyl             | 13.340 | 154  | 139222   | 21.290 | ng/ul  | 98       |
| 44) 2-Chloronaphthalene       | 13.387 | 162  | 111032   | 21.575 | ng/ul  | 99       |
| 45) 2-Nitroaniline            | 13.598 | 65   | 36795    | 17.323 | ng/ul  | 93       |
| 47) Dimethylphthalate         | 13.963 | 163  | 149362   | 18.270 | ng/ul  | 99       |
| 48) 2,6-Dinitrotoluene        | 14.098 | 165  | 29883    | 18.640 | ng/ul  | 95       |
| 50) Acenaphthylene            | 14.233 | 152  | 180686   | 19.982 | ng/ul  | 99       |
| 51) 3-Nitroaniline            | 14.427 | 138  | 27050    | 19.442 | ng/ul  | 88       |
| 52) Acenaphthene              | 14.580 | 153  | 119023   | 20.066 | ng/ul  | 97       |
| 53) 2,4-Dinitrophenol         | 14.668 | 184  | 13085m   | 15.392 | ng/ul  |          |
| 55) 4-Nitrophenol             | 14.785 | 109  | 17012    | 14.921 | ng/ul  | 91       |
| 56) Dibenzofuran              | 14.915 | 168  | 167488   | 19.748 | ng/ul  | 95       |
| 57) 2,4-Dinitrotoluene        | 14.897 | 165  | 44636    | 18.300 | ng/ul  | 96       |
| 58) 2,3,4,6-Tetrachlorophenol | 15.155 | 232  | 34337    | 19.009 | ng/ul  | 97       |
| 59) Diethylphthalate          | 15.332 | 149  | 138972   | 17.215 | ng/ul  | 97       |
| 61) Fluorene                  | 15.567 | 166  | 141287   | 19.254 | ng/ul  | 99       |
| 62) 4-Chlorophenyl-phenyle... | 15.555 | 204  | 85891    | 19.958 | ng/ul  | 99       |
| 63) 4-Nitroaniline            | 15.596 | 138  | 25909    | 17.880 | ng/ul  | 94       |
| 66) 4,6-Dinitro-2-methylph... | 15.678 | 198  | 23591    | 15.769 | ng/ul# | 89       |
| 67) N-Nitrosodiphenylamine    | 15.772 | 169  | 121612   | 20.500 | ng/ul  | 99       |
| 68) 4-Bromophenyl-phenylether | 16.448 | 248  | 61704    | 22.064 | ng/ul  | 98       |
| 69) Hexachlorobenzene         | 16.583 | 284  | 69933    | 22.498 | ng/ul# | 91       |
| 70) Atrazine                  | 16.724 | 200  | 43391    | 18.482 | ng/ul  | 92       |
| 71) Pentachlorophenol         | 16.942 | 266  | 19153m   | 17.703 | ng/ul  |          |
| 72) Phenanthrene              | 17.306 | 178  | 231488   | 20.207 | ng/ul  | 99       |
| 74) Anthracene                | 17.400 | 178  | 241737   | 20.409 | ng/ul  | 99       |
| 75) 1,2,3,4-Tetrachloroben... | 13.316 | 216  | 80323    | 25.746 | ng/uL  | 96       |
| 76) Pentachlorobenzene        | 14.844 | 250  | 80722    | 23.402 | ng/uL  | 95       |
| 77) Carbazole                 | 17.676 | 167  | 193325   | 20.067 | ng/ul  | 100      |
| 78) Di-n-butylphthalate       | 18.228 | 149  | 236617   | 19.601 | ng/ul  | 99       |
| 80) Fluoranthene              | 19.327 | 202  | 311860   | 19.396 | ng/ul  | 98       |
| 82) Pyrene                    | 19.691 | 202  | 320489   | 19.203 | ng/ul  | 97       |
| 83) Butylbenzylphthalate      | 20.573 | 149  | 108250   | 18.881 | ng/ul  | 99       |
| 84) 3,3'-Dichlorobenzidine    | 21.419 | 252  | 113662   | 20.514 | ng/ul  | 99       |
| 85) Benzo(a)anthracene        | 21.507 | 228  | 354145   | 19.663 | ng/ul  | 99       |
| 86) Bis(2-ethylhexyl)phtha... | 21.407 | 149  | 153572   | 18.096 | ng/ul# | 97       |
| 87) Chrysene                  | 21.571 | 228  | 326975   | 19.716 | ng/ul  | 99       |
| 89) Di-n-octyl phthalate      | 22.570 | 149  | 268780   | 19.123 | ng/ul  | 100      |
| 90) Benzo(b)fluoranthene      | 23.651 | 252  | 341456   | 20.414 | ng/ul  | 100      |
| 91) Benzo(k)fluoranthene      | 23.710 | 252  | 349008   | 20.553 | ng/ul  | 95       |
| 93) Benzo(a)pyrene            | 24.492 | 252  | 322284   | 20.291 | ng/ul  | 96       |
| 94) Indeno(1,2,3-cd)pyrene    | 28.170 | 276  | 308805m  | 16.077 | ng/ul  |          |
| 95) Dibenzo(a,h)anthracene    | 28.211 | 278  | 276730m  | 17.473 | ng/ul  |          |
| 96) Benzo(g,h,i)perylene      | 29.262 | 276  | 201438m  | 13.183 | ng/ul  |          |

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

**Instrument :**  
BNA\_G  
**LabSampleId :**  
SSTDCCC020EC

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 06/10/2024  
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