

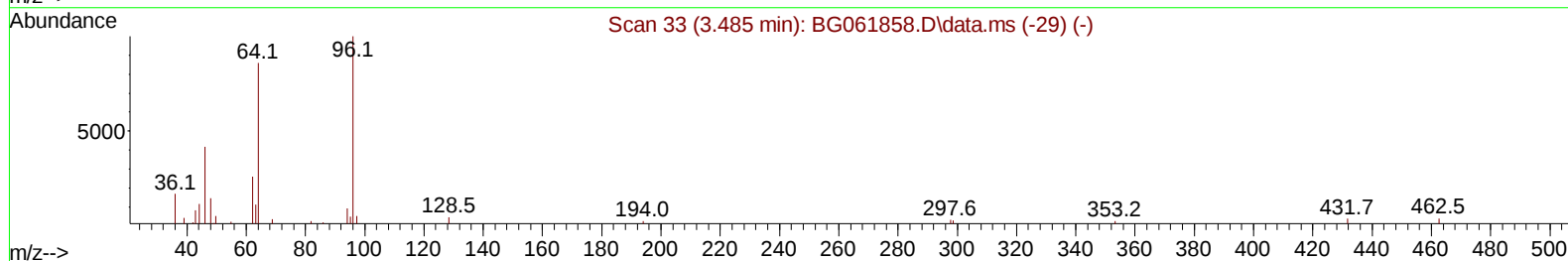
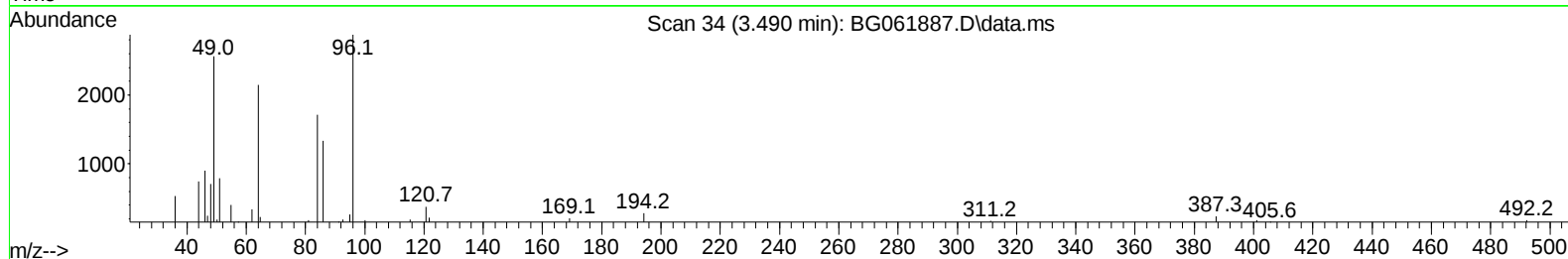
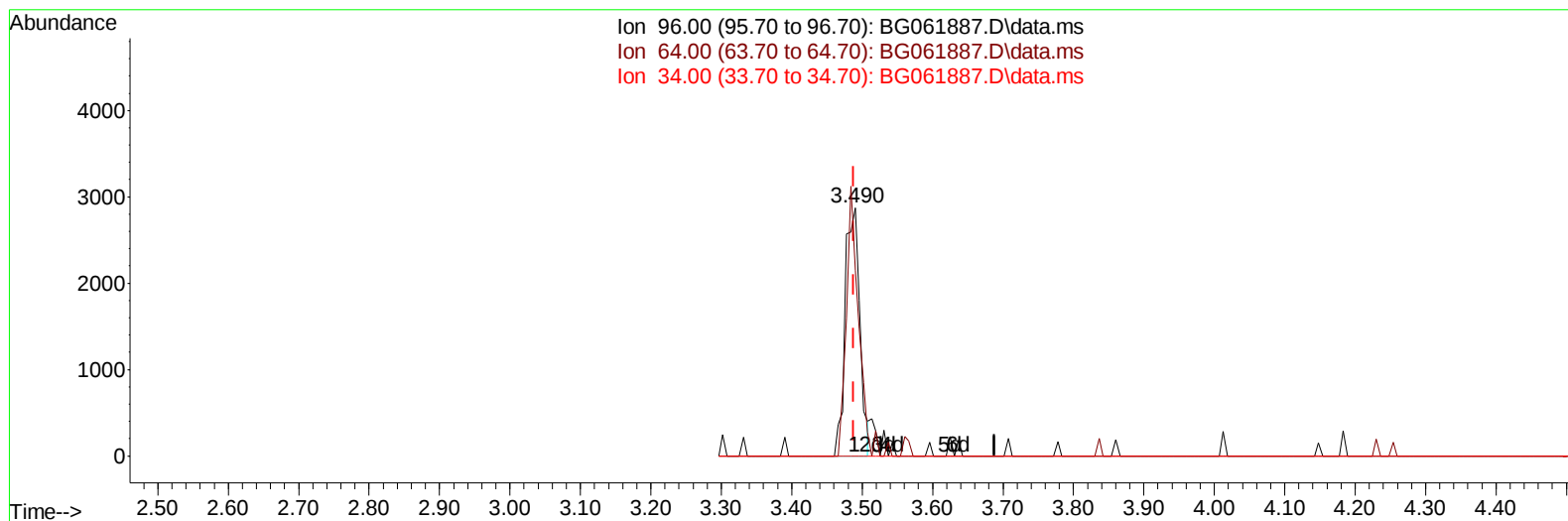
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG070324\  
Data File : BG061887.D  
Acq On : 4 Jul 2024 7:05  
Operator : MA/JU  
Sample : P2987-05  
Misc :  
ALS Vial : 31 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
C0T94

Manual IntegrationsAPPROVED

Quant Time: Jul 04 07:42:41 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG070224.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Wed Jul 03 02:38:46 2024  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2024  
Supervised By :mohammad ahmed 07/05/2024



TIC: BG061887.D\data.ms

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

3.490min (+ 0.002) 3.61 ng/uL

response 4105

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 96.00 | 100.00 | 100.00 |
| 64.00 | 104.80 | 74.79# |
| 34.00 | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

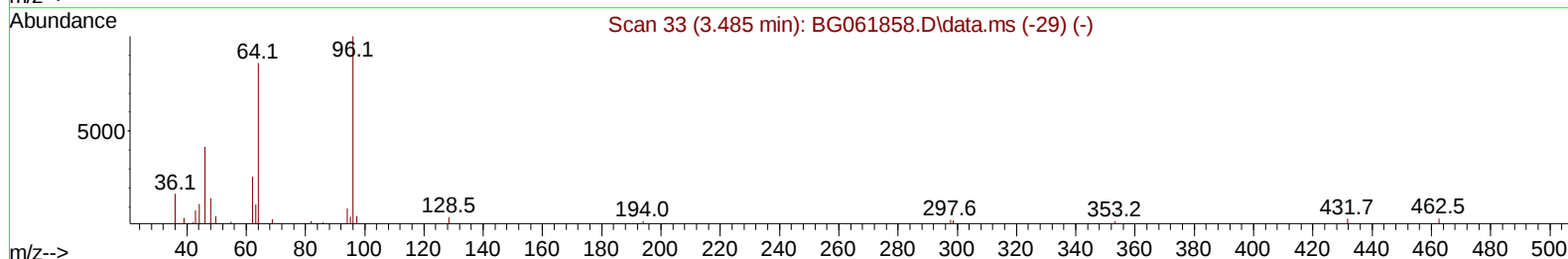
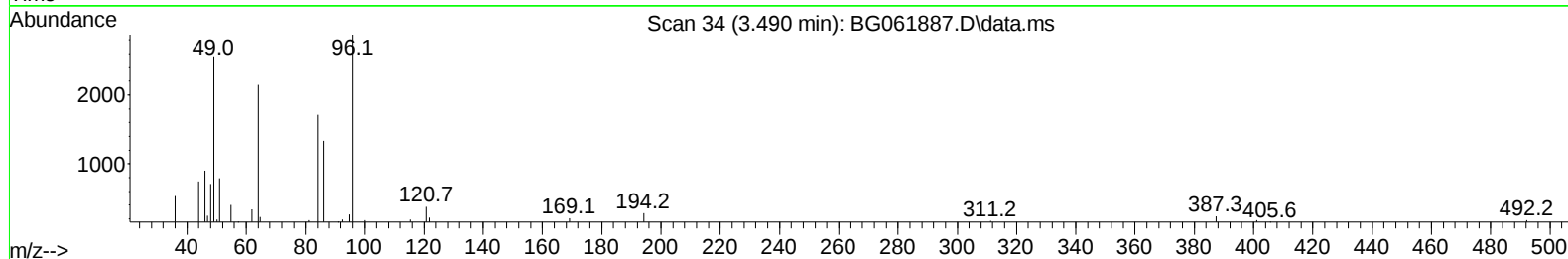
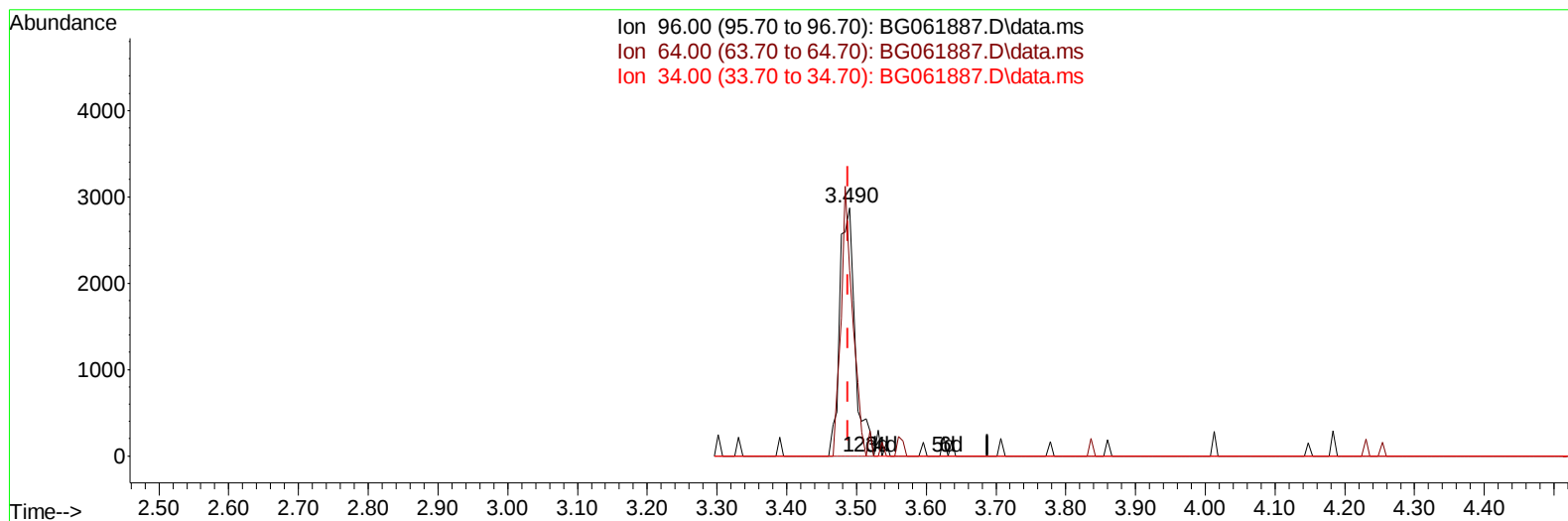
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG070324\  
Data File : BG061887.D  
Acq On : 4 Jul 2024 7:05  
Operator : MA/JU  
Sample : P2987-05  
Misc :  
ALS Vial : 31 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
C0T94

Manual IntegrationsAPPROVED

Quant Time: Jul 04 07:42:41 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG070224.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Wed Jul 03 02:38:46 2024  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2024  
Supervised By :mohammad ahmed 07/05/2024



TIC: BG061887.D\data.ms

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

3.490min (+ 0.002) 3.83 ng/uL m

response 4359

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 96.00 | 100.00 | 100.00 |
| 64.00 | 104.80 | 74.79# |
| 34.00 | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

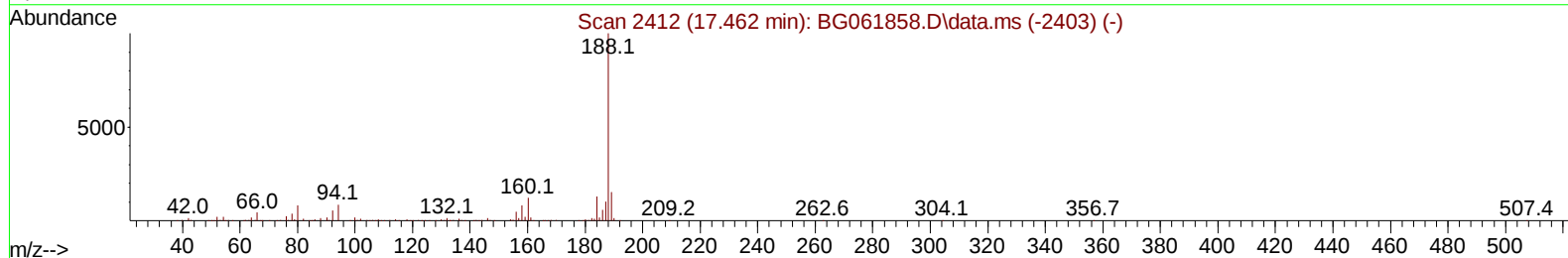
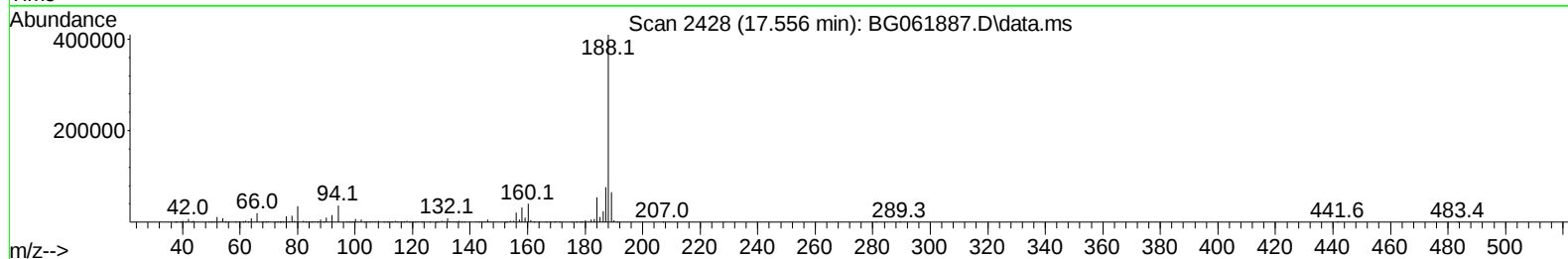
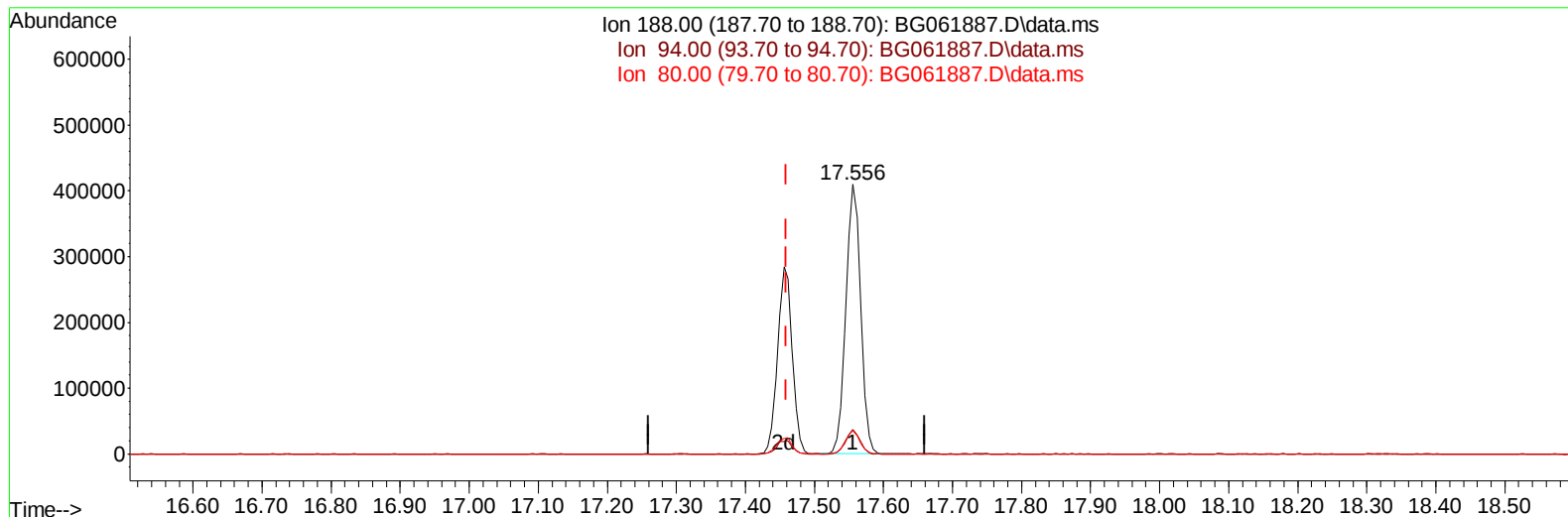
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG070324\  
Data File : BG061887.D  
Acq On : 4 Jul 2024 7:05  
Operator : MA/JU  
Sample : P2987-05  
Misc :  
ALS Vial : 31 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
C0T94

Manual IntegrationsAPPROVED

Quant Time: Jul 04 07:42:41 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG070224.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Wed Jul 03 02:38:46 2024  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2024  
Supervised By :mohammad ahmed 07/05/2024



TIC: BG061887.D\data.ms

(64) Phenanthrene-d10 (I)

17.556min (+ 0.096) 20.00 ng/u1

response 607200

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 188.00 | 100.00 | 100.00 |
| 94.00  | 8.50   | 8.99   |
| 80.00  | 10.40  | 8.62   |
| 0.00   | 0.00   | 0.00   |

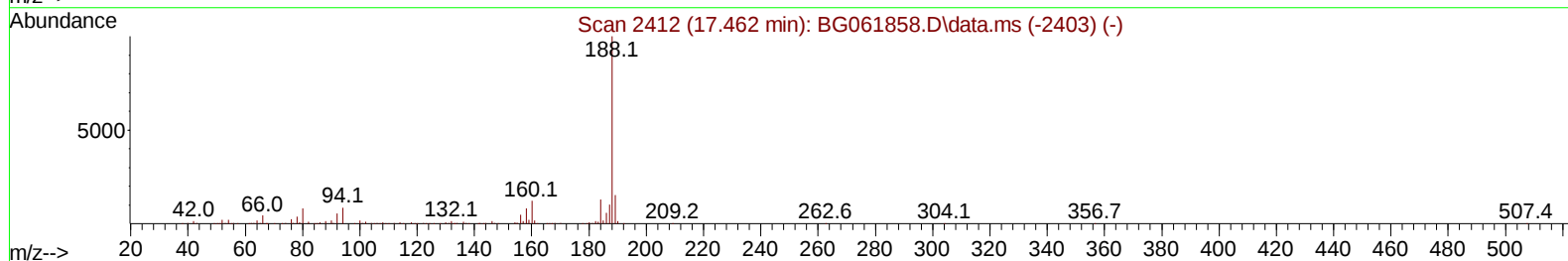
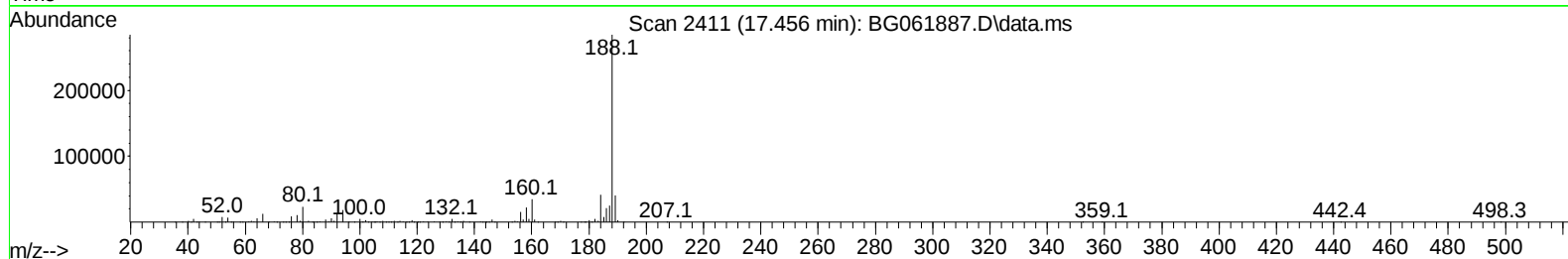
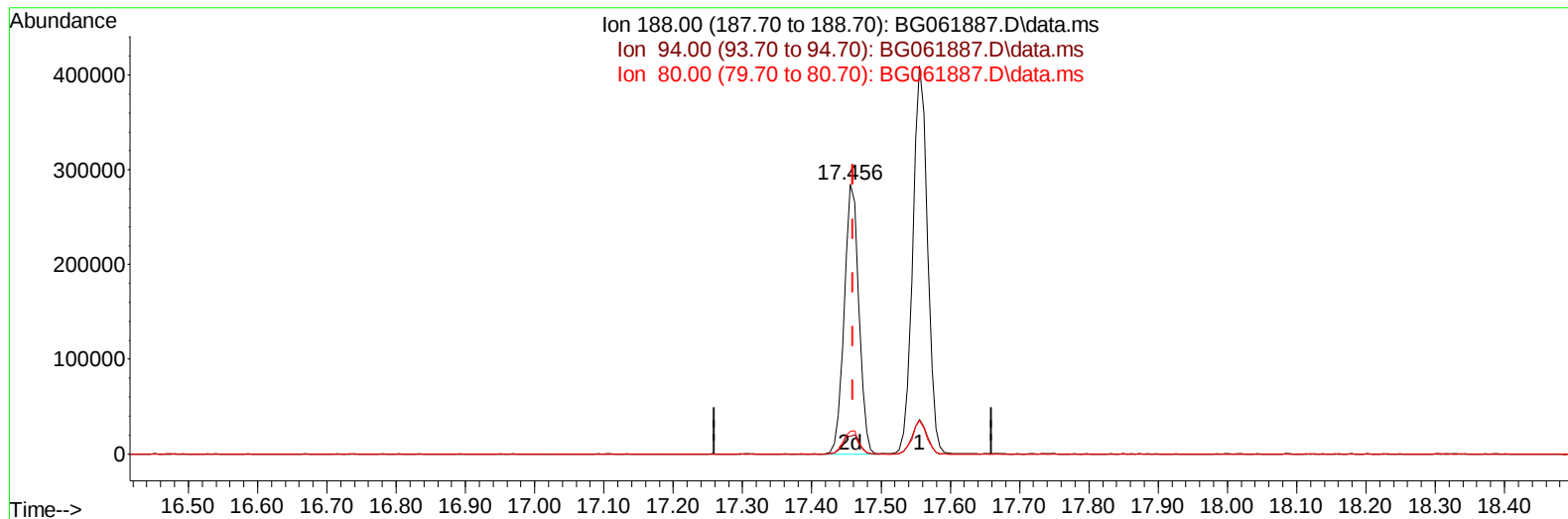
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG070324\  
Data File : BG061887.D  
Acq On : 4 Jul 2024 7:05  
Operator : MA/JU  
Sample : P2987-05  
Misc :  
ALS Vial : 31 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
C0T94

Manual IntegrationsAPPROVED

Quant Time: Jul 04 07:42:41 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG070224.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Wed Jul 03 02:38:46 2024  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2024  
Supervised By :mohammad ahmed 07/05/2024



TIC: BG061887.D\data.ms

(64) Phenanthrene-d10 (I)

17.456min (-0.004) 20.00 ng/ul m

response 418975

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 188.00 | 100.00 | 100.00 |
| 94.00  | 8.50   | 6.58#  |
| 80.00  | 10.40  | 8.31#  |
| 0.00   | 0.00   | 0.00   |

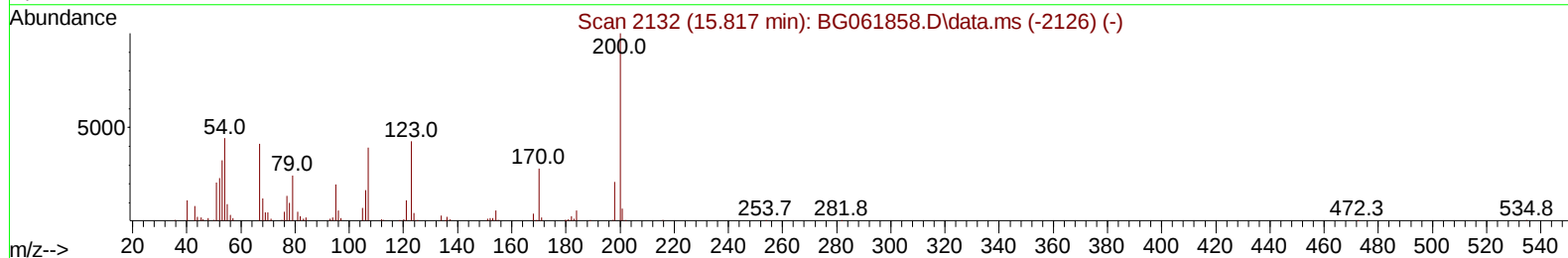
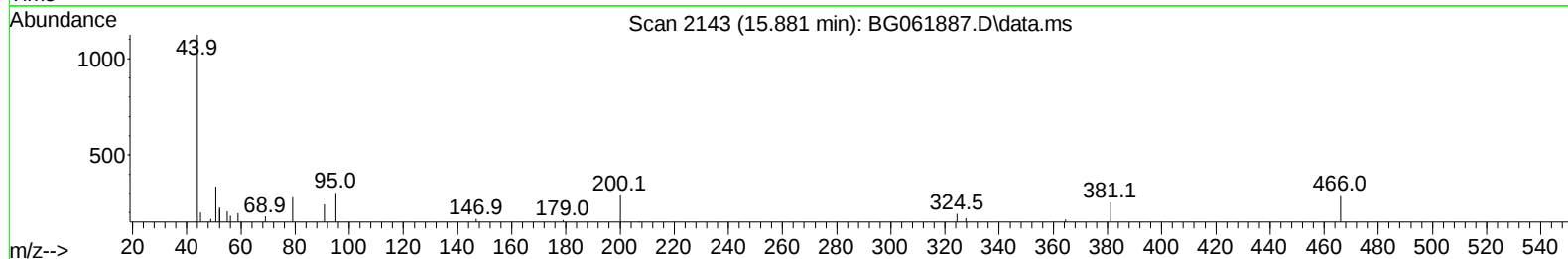
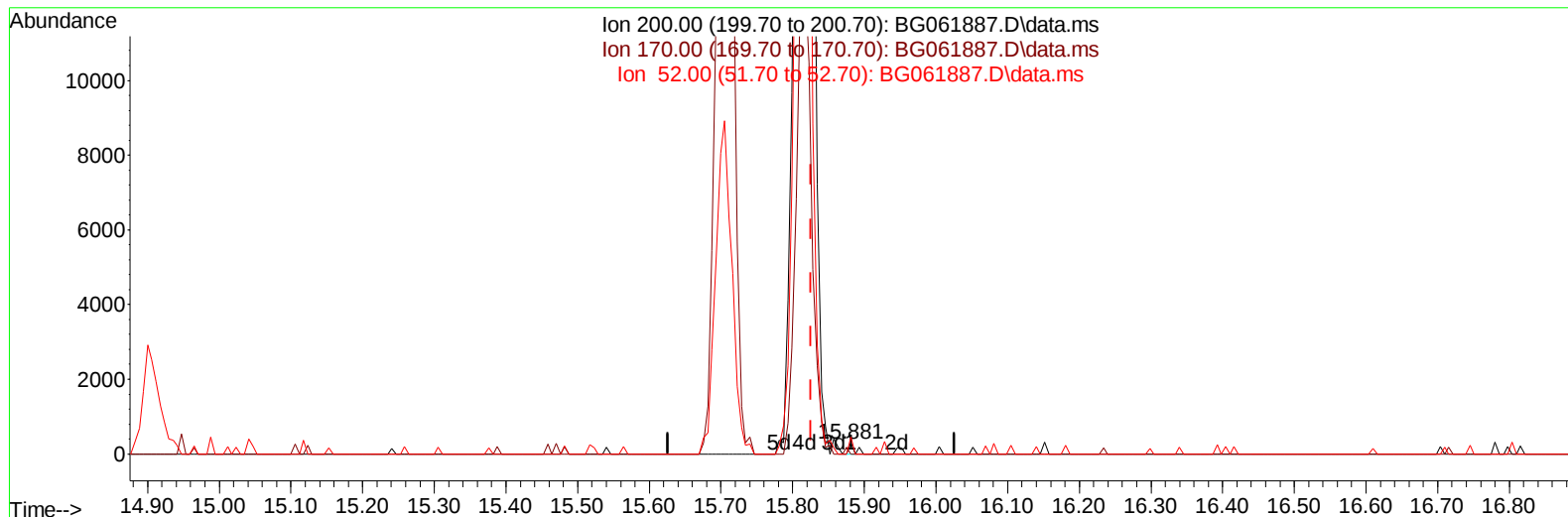
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG070324\  
Data File : BG061887.D  
Acq On : 4 Jul 2024 7:05  
Operator : MA/JU  
Sample : P2987-05  
Misc :  
ALS Vial : 31 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
C0T94

Manual IntegrationsAPPROVED

Quant Time: Jul 04 07:43:47 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG070224.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Wed Jul 03 02:38:46 2024  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2024  
Supervised By :mohammad ahmed 07/05/2024



TIC: BG061887.D\data.ms

(65) 4,6-Dinitro-2-methylphenol-d2 (S)

15.881min (+ 0.055) 0.05 ng/u1

response 103

| Ion    | Exp%   | Act%    |
|--------|--------|---------|
| 200.00 | 100.00 | 100.00  |
| 170.00 | 21.10  | 0.00#   |
| 52.00  | 66.90  | 152.74# |
| 0.00   | 0.00   | 0.00    |

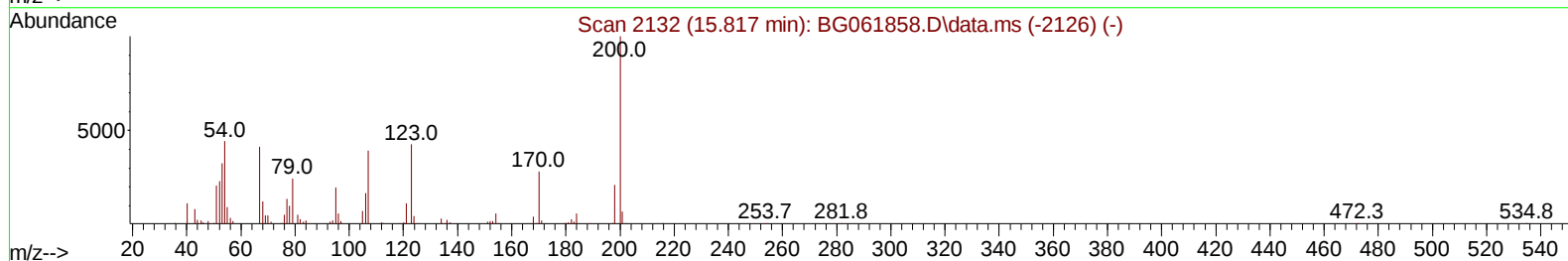
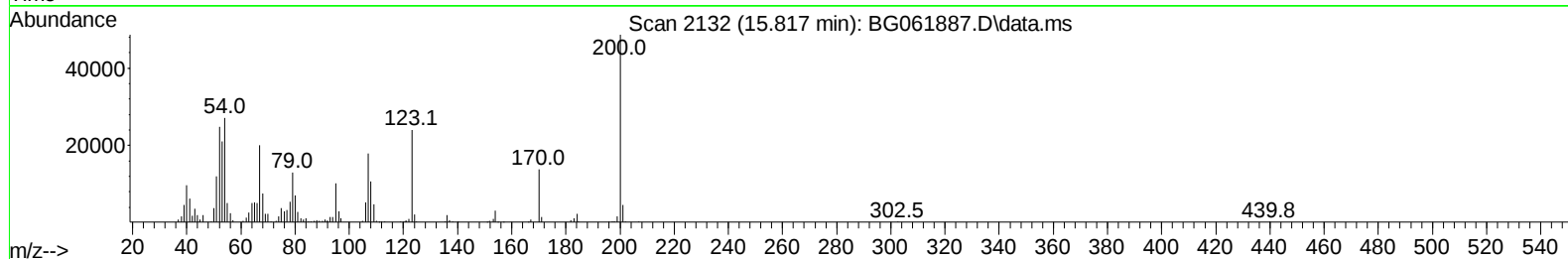
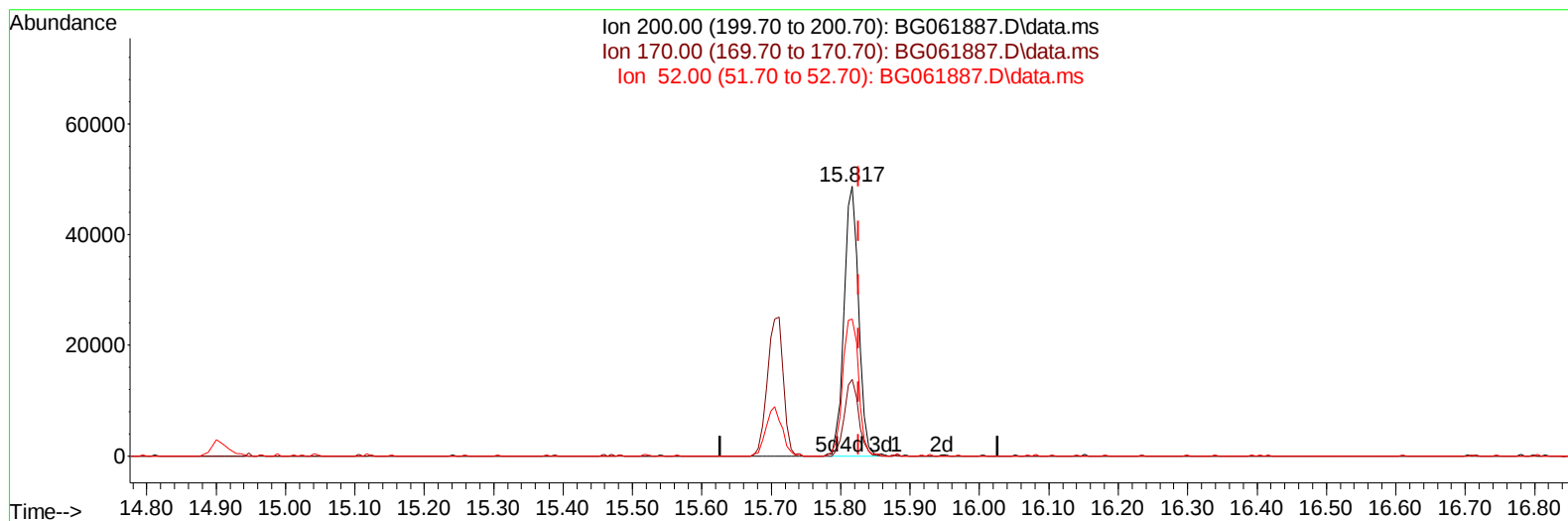
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG070324\  
Data File : BG061887.D  
Acq On : 4 Jul 2024 7:05  
Operator : MA/JU  
Sample : P2987-05  
Misc :  
ALS Vial : 31 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
C0T94

Manual IntegrationsAPPROVED

Quant Time: Jul 04 07:43:47 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG070224.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Wed Jul 03 02:38:46 2024  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2024  
Supervised By :mohammad ahmed 07/05/2024



TIC: BG061887.D\data.ms

(65) 4,6-Dinitro-2-methylphenol-d2 (S)

15.817min (-0.010) 31.94 ng/ul m

response 70277

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 200.00 | 100.00 | 100.00 |
| 170.00 | 21.10  | 28.47# |
| 52.00  | 66.90  | 50.89# |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG070324\  
 Data File : BG061887.D  
 Acq On : 4 Jul 2024 7:05  
 Operator : MA/JU  
 Sample : P2987-05  
 Misc :  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 COT94

## Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/05/2024  
 Supervised By :mohammad ahmed 07/05/2024

Quant Time: Jul 04 07:44:10 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG070224.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Jul 03 02:38:46 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.090  | 152  | 42785    | 20.000 | ng/ul | 0.00     |
| 20) Naphthalene-d8            | 10.911 | 136  | 218916   | 20.000 | ng/ul | 0.00     |
| 38) Acenaphthene-d10          | 14.718 | 164  | 166688   | 20.000 | ng/ul | 0.00     |
| 64) Phenanthrene-d10          | 17.456 | 188  | 418975m  | 20.000 | ng/ul | 0.00     |
| 79) Chrysene-d12              | 21.721 | 240  | 383414   | 20.000 | ng/ul | 0.00     |
| 88) Perylene-d12              | 24.953 | 264  | 458930   | 20.000 | ng/ul | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 3) 1,4-Dioxane-d8             | 3.490  | 96   | 4359m    | 3.829  | ng/uL | 0.00     |
| 4) Pyridine-d5                | 3.907  | 84   | 11010    | 3.145  | ng/ul | 0.00     |
| 7) Phenol-d5                  | 7.244  | 99   | 29473    | 6.295  | ng/ul | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.415  | 67   | 70490    | 23.773 | ng/ul | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.626  | 132  | 72033    | 22.428 | ng/ul | 0.00     |
| 15) 4-Methylphenol-d8         | 8.795  | 113  | 58032    | 15.741 | ng/ul | 0.00     |
| 21) Nitrobenzene-d5           | 9.260  | 128  | 46512    | 27.936 | ng/ul | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.982  | 143  | 52332    | 27.524 | ng/ul | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.523 | 165  | 94304    | 25.715 | ng/ul | 0.00     |
| 31) 4-Chloroaniline-d4        | 11.040 | 131  | 78707    | 14.783 | ng/ul | 0.00     |
| 46) Dimethylphthalate-d6      | 14.119 | 166  | 373404   | 27.248 | ng/ul | 0.00     |
| 49) Acenaphthylene-d8         | 14.412 | 160  | 396836   | 27.694 | ng/ul | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.906 | 143  | 18224    | 8.327  | ng/ul | 0.00     |
| 60) Fluorene-d10              | 15.705 | 176  | 337764   | 29.278 | ng/ul | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.817 | 200  | 70277m   | 31.938 | ng/ul | 0.00     |
| 73) Anthracene-d10            | 17.556 | 188  | 607464   | 31.054 | ng/ul | 0.00     |
| 81) Pyrene-d10                | 19.835 | 212  | 699918   | 31.036 | ng/ul | 0.00     |
| 92) Benzo(a)pyrene-d12        | 24.736 | 264  | 712301   | 31.295 | ng/ul | 0.00     |

Target Compounds Qvalue

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

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