

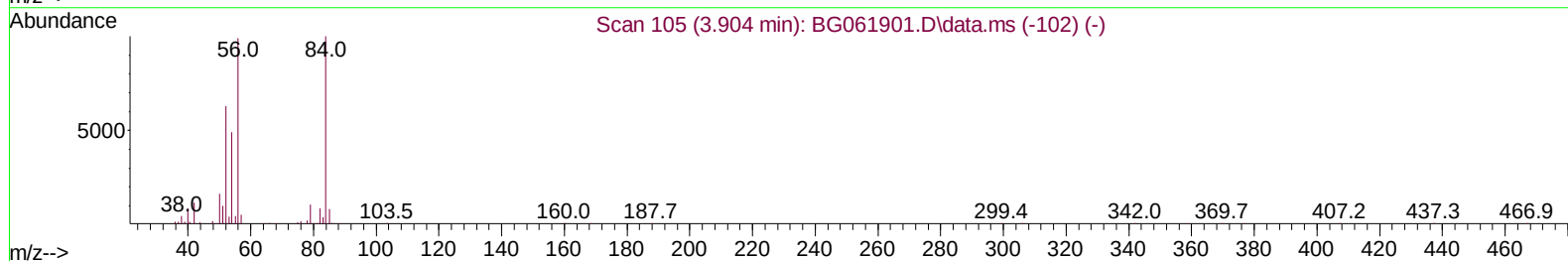
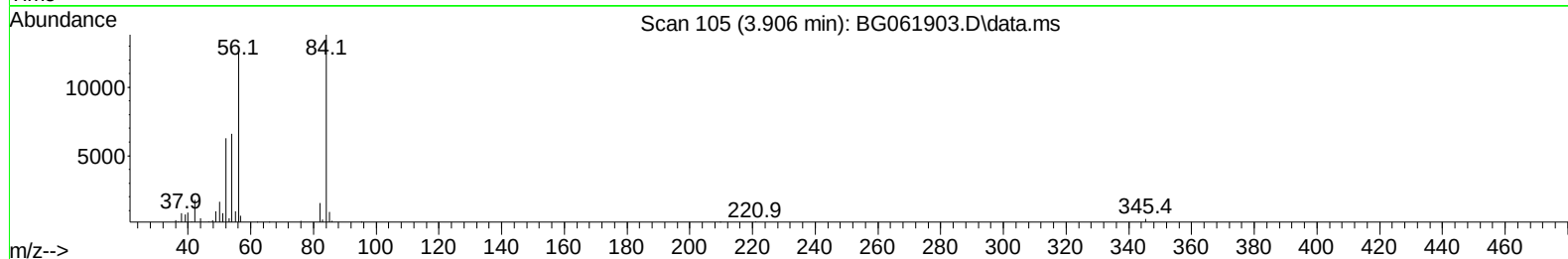
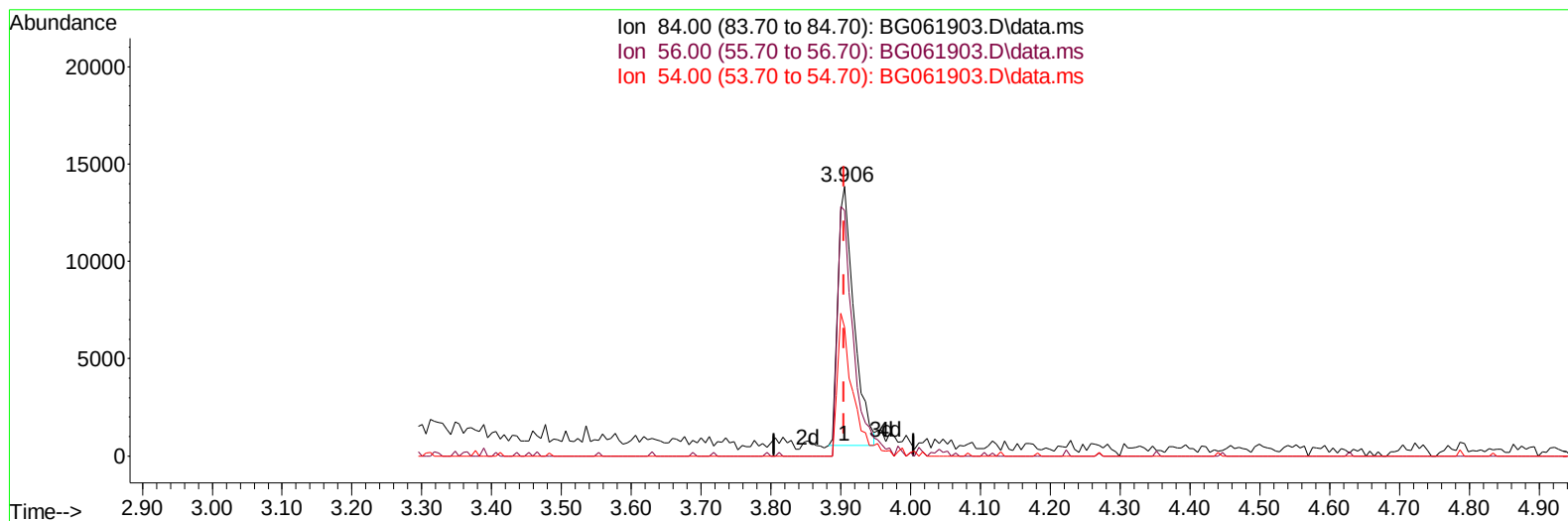
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG070524\  
Data File : BG061903.D  
Acq On : 5 Jul 2024 19:48  
Operator : MA/JU  
Sample : P2982-22  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
A4BC5

Manual IntegrationsAPPROVED

Quant Time: Jul 05 22:42:50 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 07/08/2024  
Supervised By :mohammad ahmed 07/09/2024



TIC: BG061903.D\data.ms

(4) Pyridine-d5 (S)

3.906min (+ 0.001) 6.52 ng/u1

response 21072

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 84.00 | 100.00 | 100.00 |
| 56.00 | 86.20  | 91.17  |
| 54.00 | 45.40  | 47.76  |
| 0.00  | 0.00   | 0.00   |

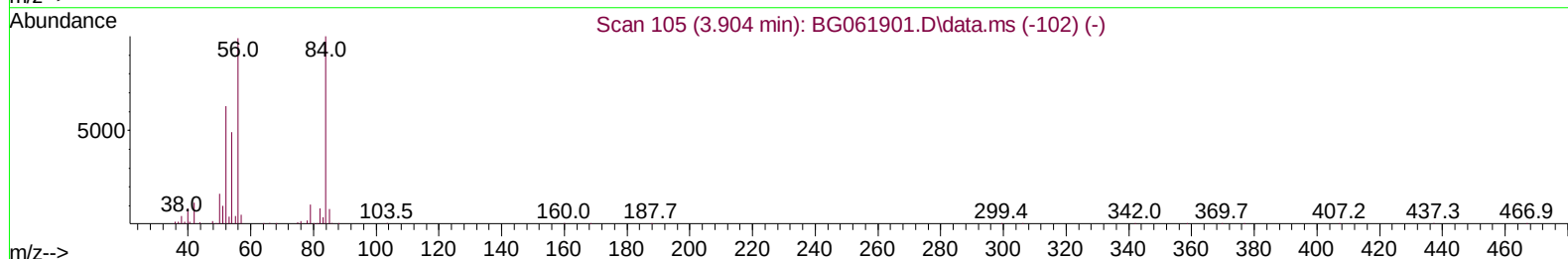
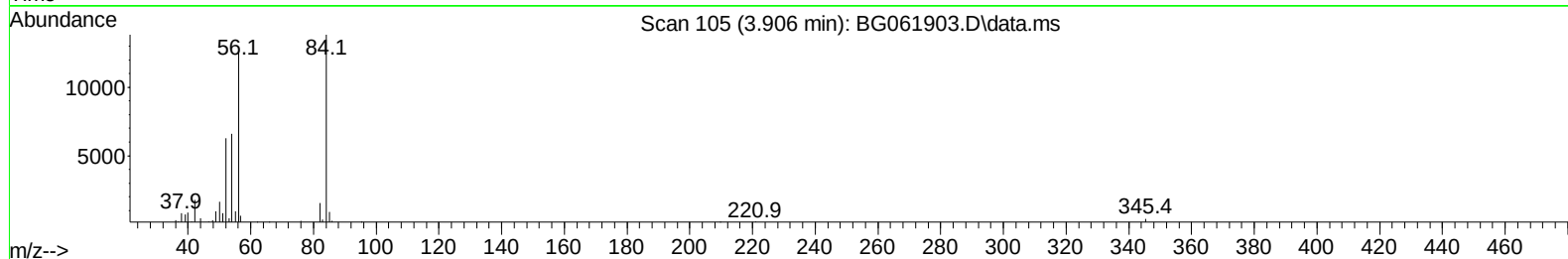
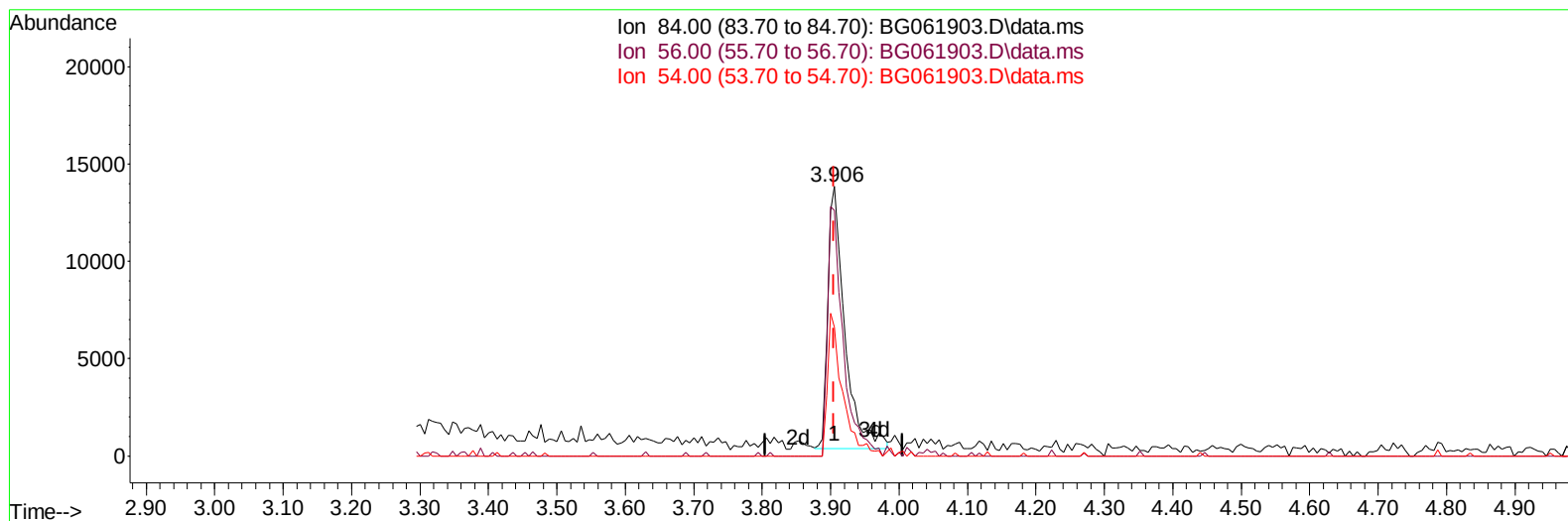
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG070524\  
Data File : BG061903.D  
Acq On : 5 Jul 2024 19:48  
Operator : MA/JU  
Sample : P2982-22  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
A4BC5

Manual IntegrationsAPPROVED

Quant Time: Jul 05 22:42:50 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 07/08/2024  
Supervised By :mohammad ahmed 07/09/2024



TIC: BG061903.D\data.ms

(4) Pyridine-d5 (S)

3.906min (+ 0.001) 7.15 ng/ul m

response 23120

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 84.00 | 100.00 | 100.00 |
| 56.00 | 86.20  | 91.17  |
| 54.00 | 45.40  | 47.76  |
| 0.00  | 0.00   | 0.00   |

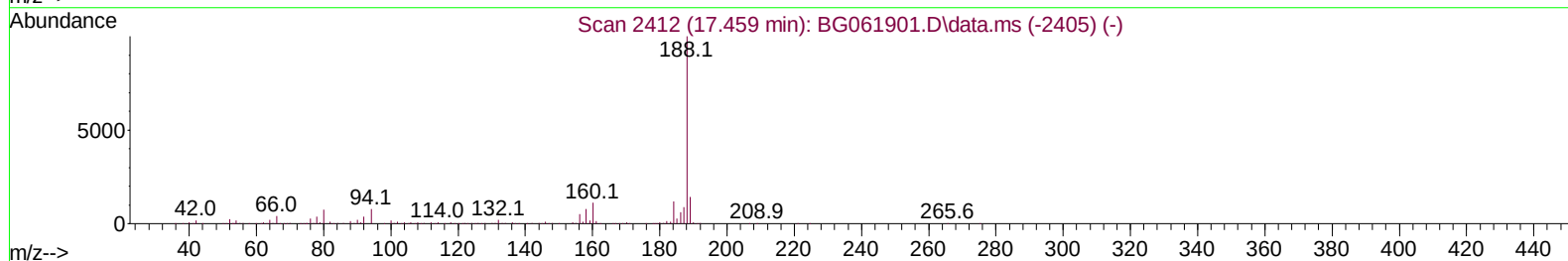
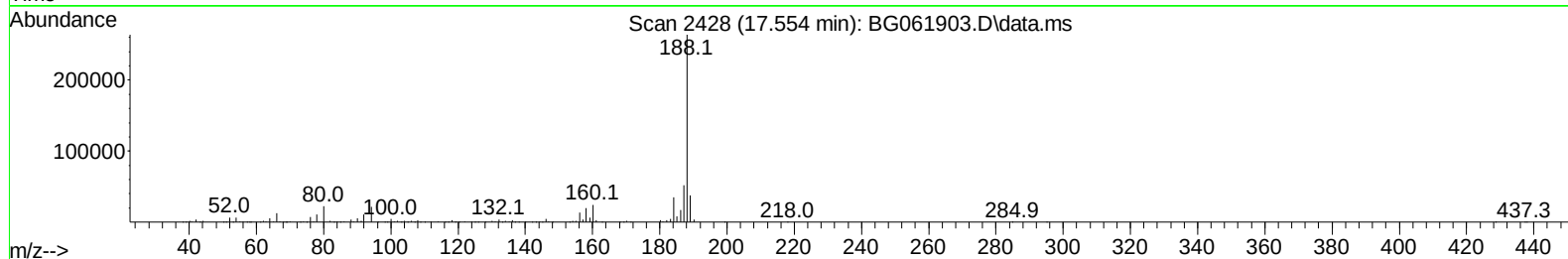
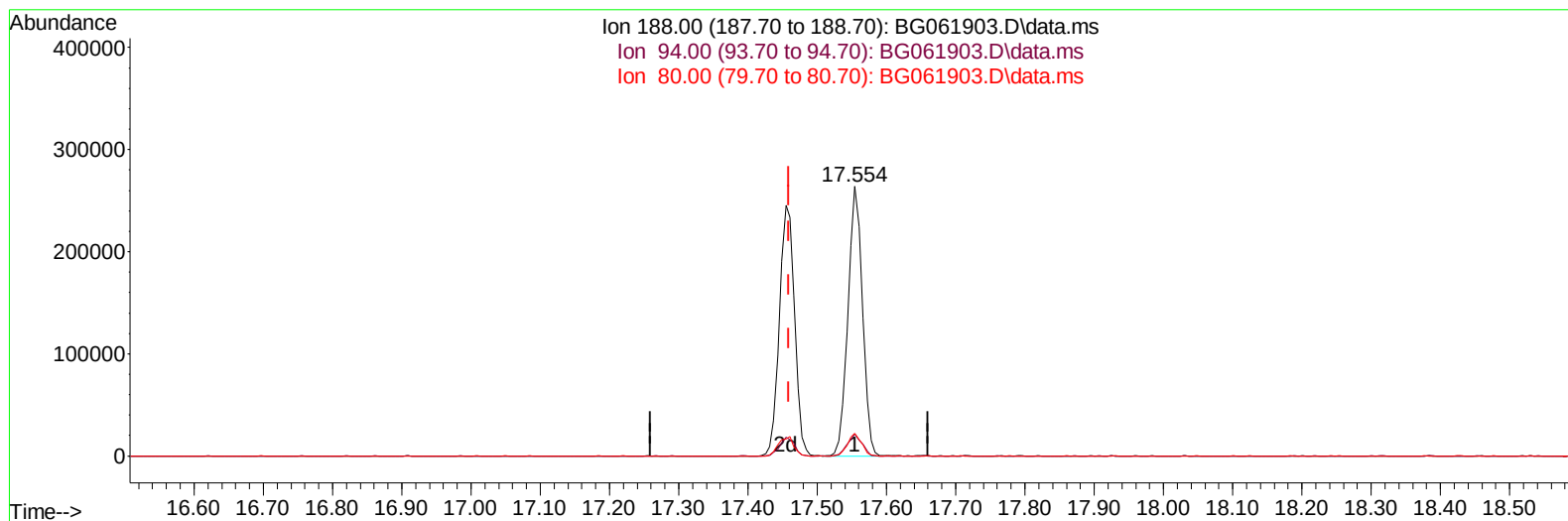
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG070524\  
Data File : BG061903.D  
Acq On : 5 Jul 2024 19:48  
Operator : MA/JU  
Sample : P2982-22  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
A4BC5

Manual IntegrationsAPPROVED

Quant Time: Jul 05 22:42:50 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 07/08/2024  
Supervised By :mohammad ahmed 07/09/2024



TIC: BG061903.D\data.ms

(64) Phenanthrene-d10 (I)

17.554min (+ 0.095) 20.00 ng/ul

response 385079

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 188.00 | 100.00 | 100.00 |
| 94.00  | 8.50   | 8.22   |
| 80.00  | 10.40  | 8.40   |
| 0.00   | 0.00   | 0.00   |

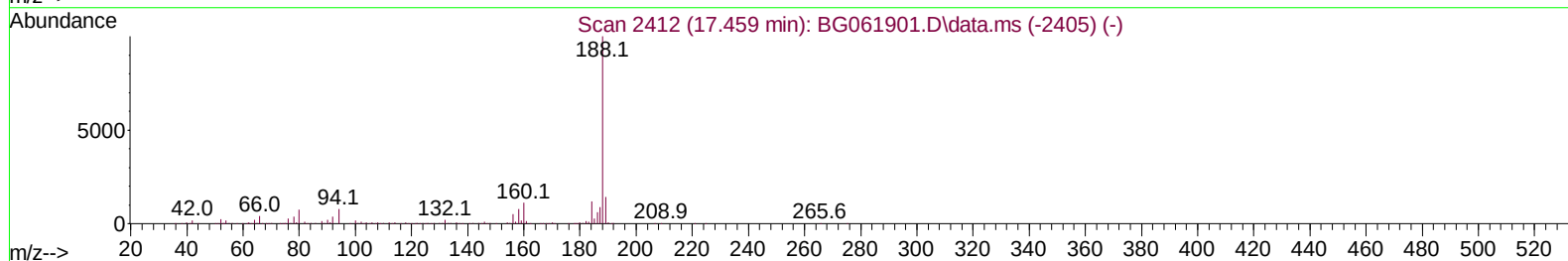
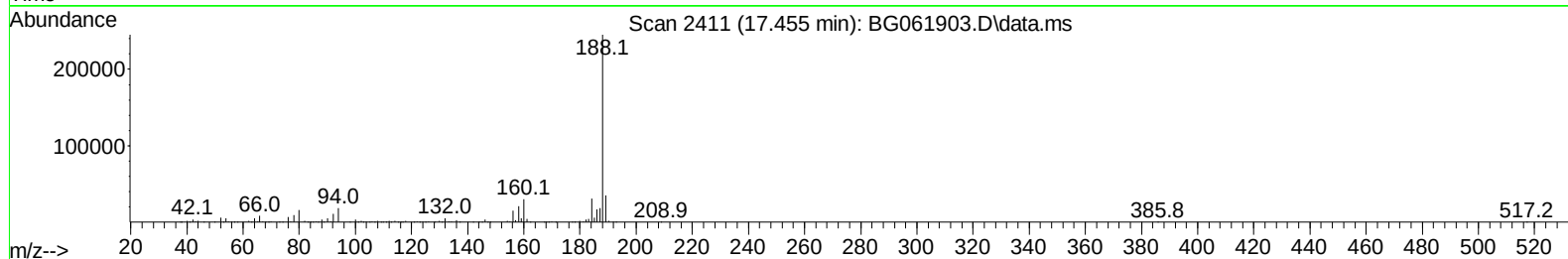
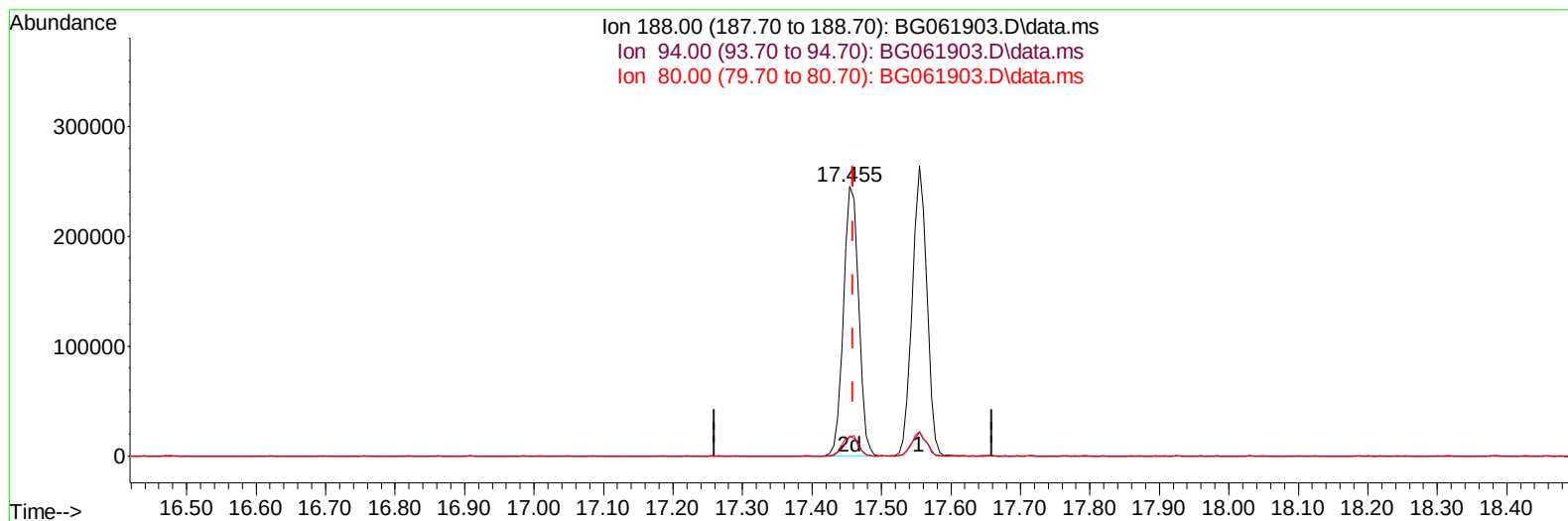
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG070524\  
Data File : BG061903.D  
Acq On : 5 Jul 2024 19:48  
Operator : MA/JU  
Sample : P2982-22  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
A4BC5

Manual IntegrationsAPPROVED

Quant Time: Jul 05 23:04:33 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 07/08/2024  
Supervised By :mohammad ahmed 07/09/2024



TIC: BG061903.D\data.ms

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

17.455min (-0.005) 20.00 ng/ul m

response 374278

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 188.00 | 100.00 | 100.00 |
| 94.00  | 8.50   | 7.40   |
| 80.00  | 10.40  | 6.63#  |
| 0.00   | 0.00   | 0.00   |

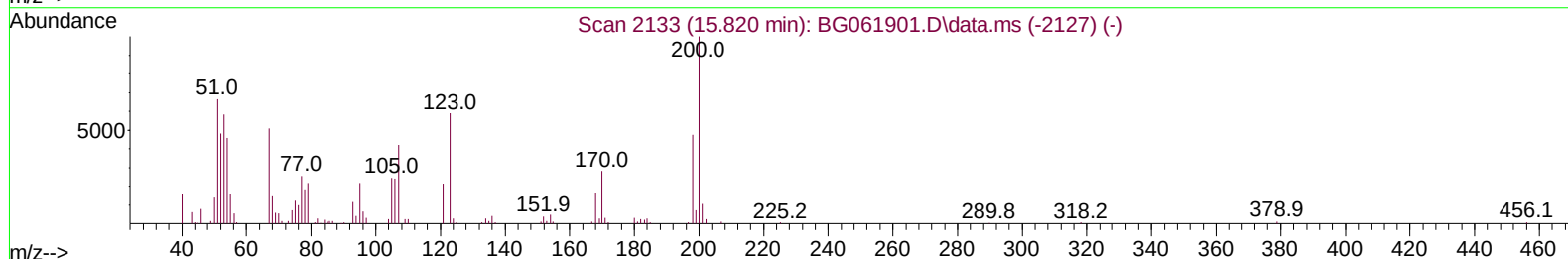
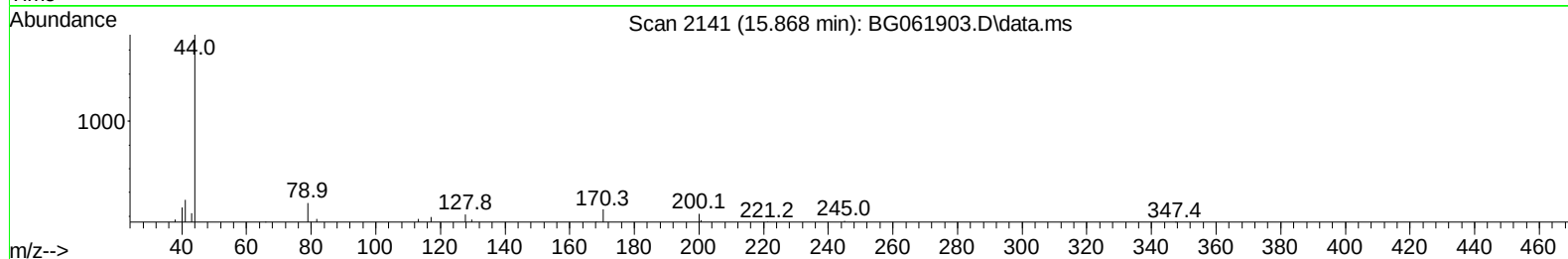
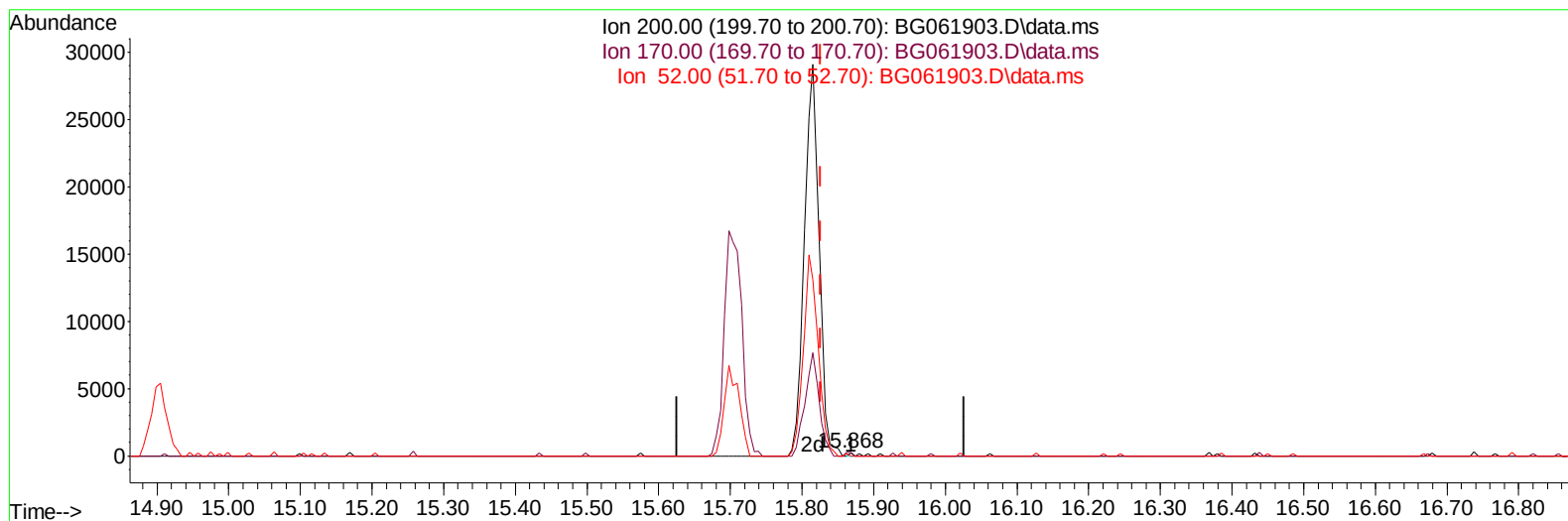
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG070524\  
Data File : BG061903.D  
Acq On : 5 Jul 2024 19:48  
Operator : MA/JU  
Sample : P2982-22  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
A4BC5

Manual IntegrationsAPPROVED

Quant Time: Jul 05 23:06:49 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 07/08/2024  
Supervised By :mohammad ahmed 07/09/2024



TIC: BG061903.D\data.ms

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

15.868min (+ 0.042) 0.04 ng/ul

response 78

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 200.00 | 100.00 | 100.00 |
| 170.00 | 21.10  | 65.98# |
| 52.00  | 66.90  | 0.00#  |
| 0.00   | 0.00   | 0.00   |

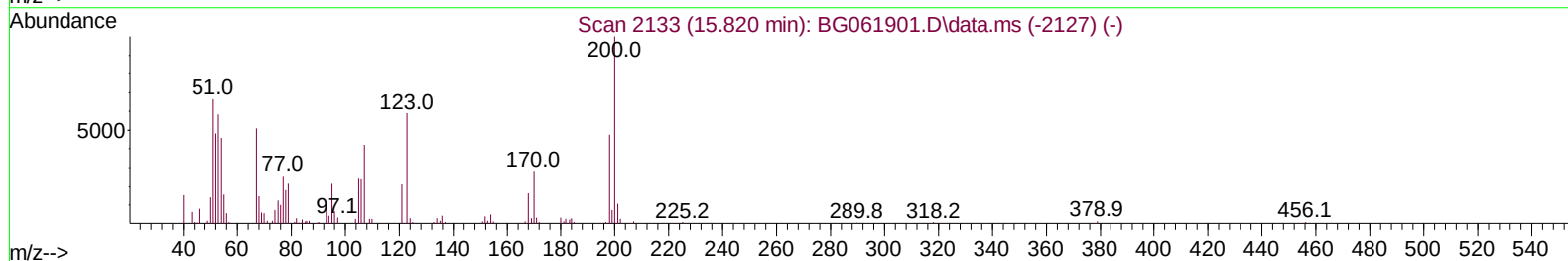
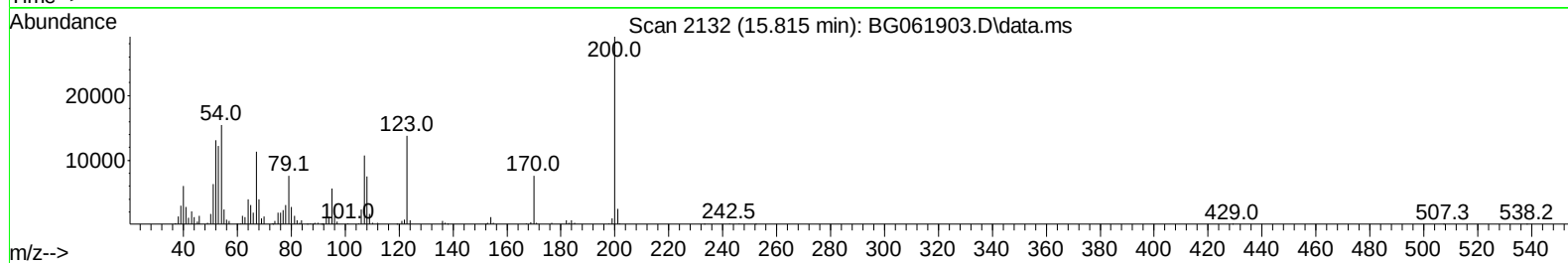
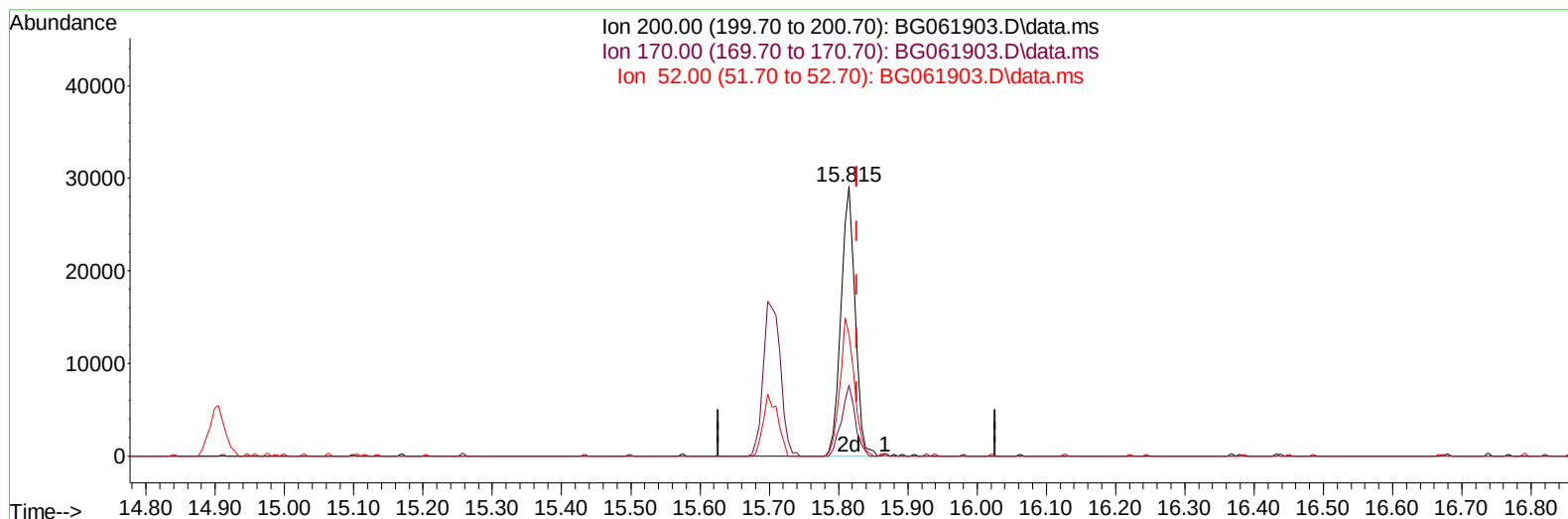
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG070524\  
Data File : BG061903.D  
Acq On : 5 Jul 2024 19:48  
Operator : MA/JU  
Sample : P2982-22  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
A4BC5

Manual IntegrationsAPPROVED

Quant Time: Jul 05 23:06:49 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 07/08/2024  
Supervised By :mohammad ahmed 07/09/2024



TIC: BG061903.D\data.ms

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

15.815min (-0.011) 21.04 ng/ul m

response 41350

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 200.00 | 100.00 | 100.00 |
| 170.00 | 21.10  | 26.30# |
| 52.00  | 66.90  | 44.96# |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG070524\  
 Data File : BG061903.D  
 Acq On : 5 Jul 2024 19:48  
 Operator : MA/JU  
 Sample : P2982-22  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 A4BC5

## Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/08/2024  
 Supervised By :mohammad ahmed 07/09/2024

Quant Time: Jul 05 23:16:30 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.   | Q   | Ion | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|-----|-----|----------|--------|--------|----------|
| -----                         |        |     |     |          |        |        |          |
| Internal Standards            |        |     |     |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.095  | 152 |     | 39509    | 20.000 | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 10.909 | 136 |     | 198115   | 20.000 | ng/ul  | # 0.00   |
| 38) Acenaphthene-d10          | 14.717 | 164 |     | 150599   | 20.000 | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.455 | 188 |     | 374278m  | 20.000 | ng/ul  | 0.00     |
| 79) Chrysene-d12              | 21.714 | 240 |     | 339046   | 20.000 | ng/ul  | -0.01    |
| 88) Perylene-d12              | 24.952 | 264 |     | 406339   | 20.000 | ng/ul  | -0.01    |
| System Monitoring Compounds   |        |     |     |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.477  | 96  |     | 3686     | 3.506  | ng/uL  | -0.01    |
| 4) Pyridine-d5                | 3.906  | 84  |     | 23120m   | 7.152  | ng/ul  | 0.00     |
| 7) Phenol-d5                  | 7.243  | 99  |     | 87850    | 20.318 | ng/ul  | -0.01    |
| 9) Bis-(2-Chloroethyl)eth...  | 7.413  | 67  |     | 50294    | 18.368 | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.619  | 132 |     | 62217    | 20.978 | ng/ul  | -0.01    |
| 15) 4-Methylphenol-d8         | 8.794  | 113 |     | 70106    | 20.593 | ng/ul  | 0.00     |
| 21) Nitrobenzene-d5           | 9.258  | 128 |     | 33235    | 22.058 | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.981  | 143 |     | 38946    | 22.634 | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.521 | 165 |     | 74880    | 22.562 | ng/ul  | -0.01    |
| 31) 4-Chloroaniline-d4        | 11.039 | 131 |     | 87690    | 18.199 | ng/ul  | 0.00     |
| 46) Dimethylphthalate-d6      | 14.117 | 166 |     | 270398   | 21.839 | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 14.411 | 160 |     | 302578   | 23.371 | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.905 | 143 |     | 37216    | 18.822 | ng/ul  | -0.01    |
| 60) Fluorene-d10              | 15.704 | 176 |     | 249753   | 23.962 | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.815 | 200 |     | 41350m   | 21.036 | ng/ul  | -0.01    |
| 73) Anthracene-d10            | 17.554 | 188 |     | 385079   | 22.037 | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.834 | 212 |     | 450731   | 22.602 | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 24.728 | 264 |     | 468954   | 23.270 | ng/ul  | -0.01    |
| Target Compounds              |        |     |     |          |        |        |          |
|                               |        |     |     |          |        | Qvalue |          |
| 80) Fluoranthene              | 19.499 | 202 |     | 29105    | 1.233  | ng/ul# | 96       |
| 82) Pyrene                    | 19.863 | 202 |     | 29240    | 1.199  | ng/ul  | 98       |
| -----                         |        |     |     |          |        |        |          |

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

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Instrument :  
BNA\_G  
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Manual IntegrationsAPPROVED

Quant Time: Jul 05 23:16:30 2024  
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