

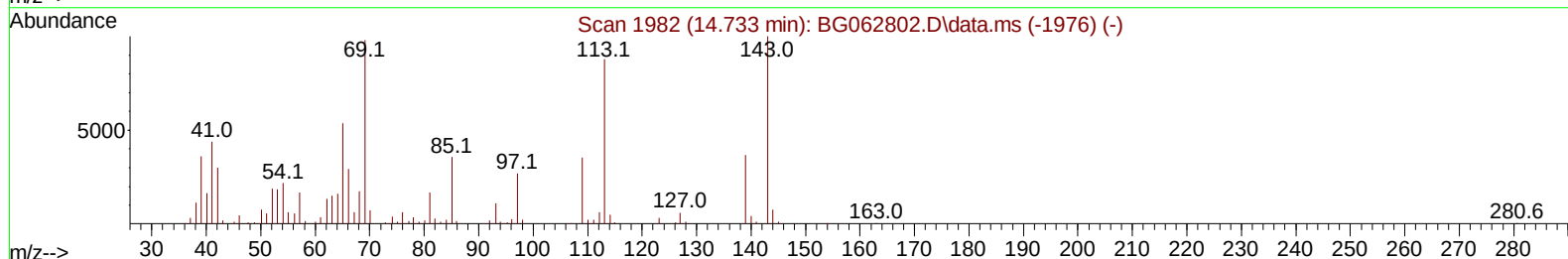
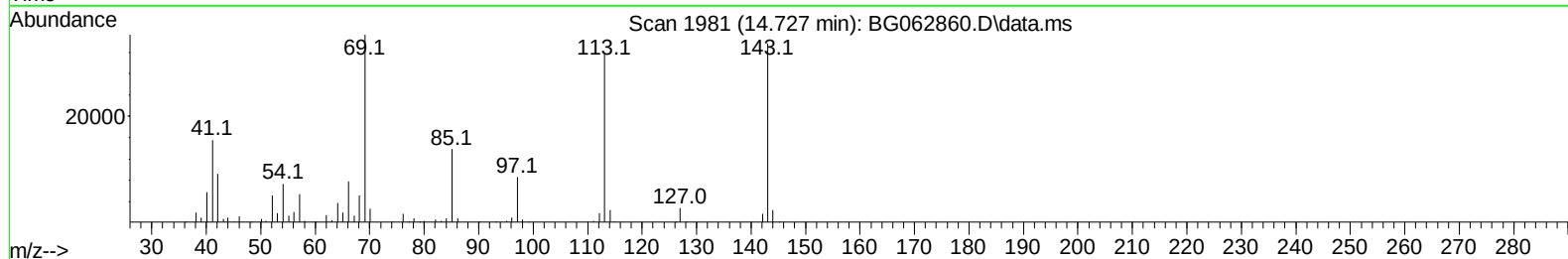
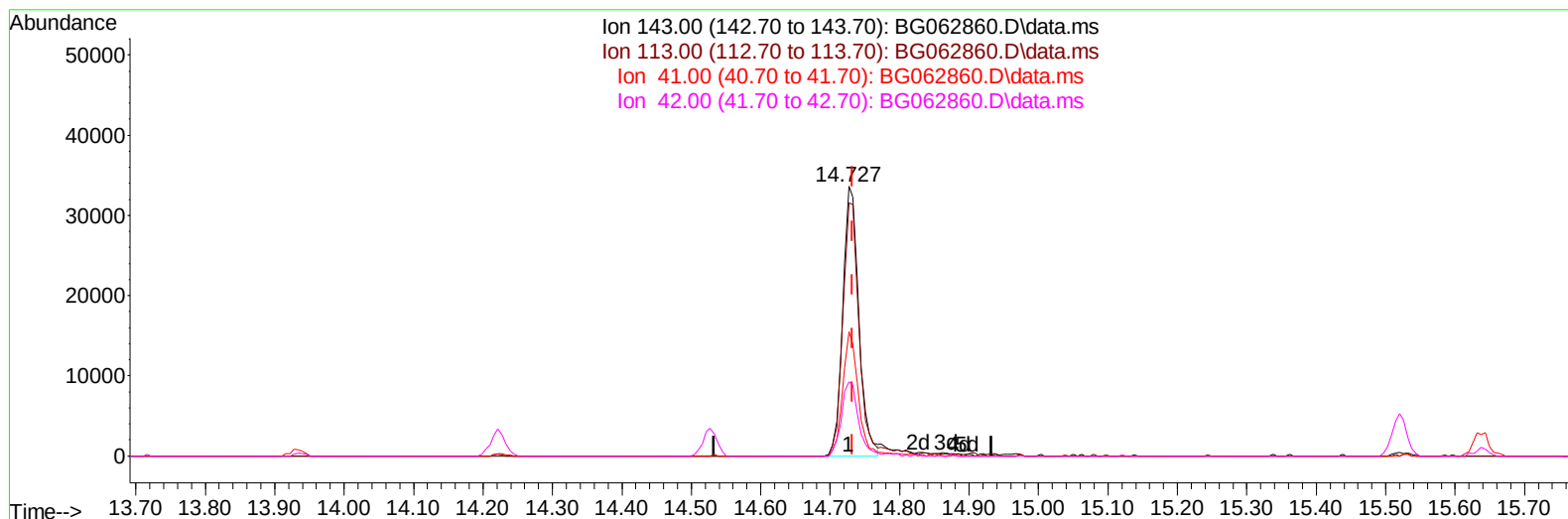
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG091324\  
Data File : BG062860.D  
Acq On : 16 Sep 2024 00:44  
Operator : JU/RC  
Sample : PB163398BL  
Misc :  
ALS Vial : 50 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
SBLK398

## Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 09/16/2024  
Supervised By :mohammad ahmed 09/17/2024

Quant Time: Sep 16 01:37:40 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG090924.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue Sep 10 01:28:17 2024  
Response via : Initial Calibration



TIC: BG062860.D\data.ms

**(54) 4-Nitrophenol-d4 (S)**

14.727min (-0.006) 25.35 ng/ul

response 53565

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 143.00 | 100.00 | 100.00 |
| 113.00 | 83.40  | 94.03  |
| 41.00  | 45.80  | 46.20  |
| 42.00  | 31.60  | 27.58  |

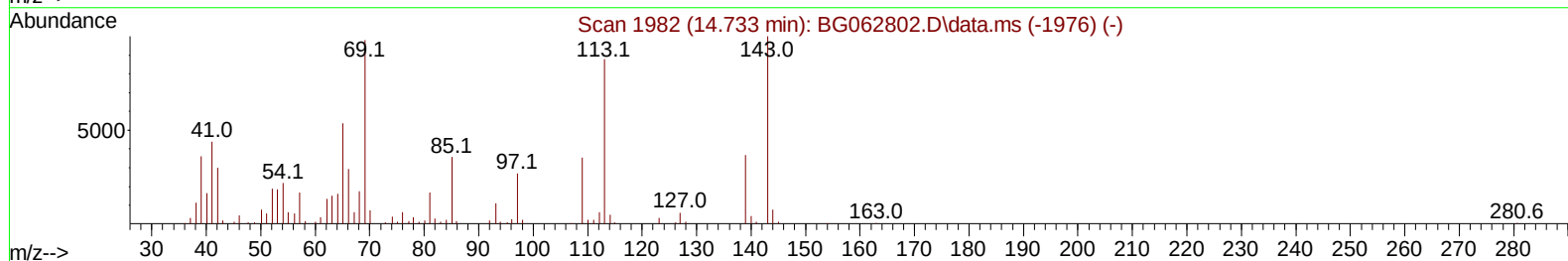
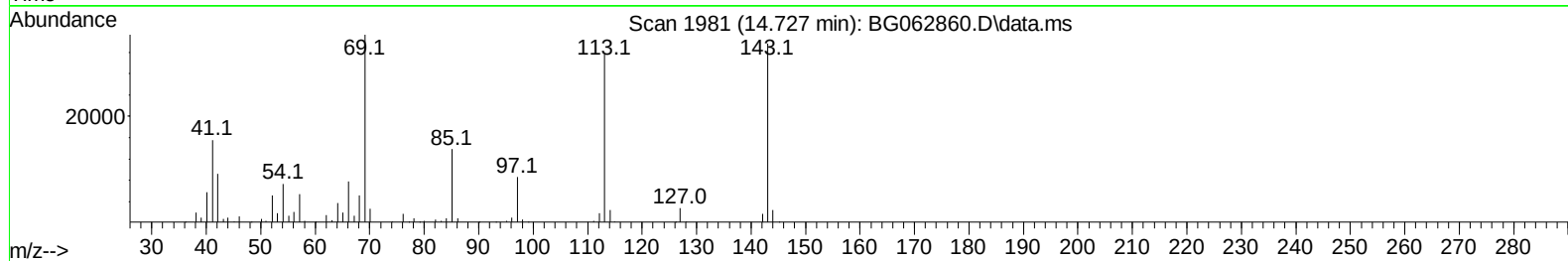
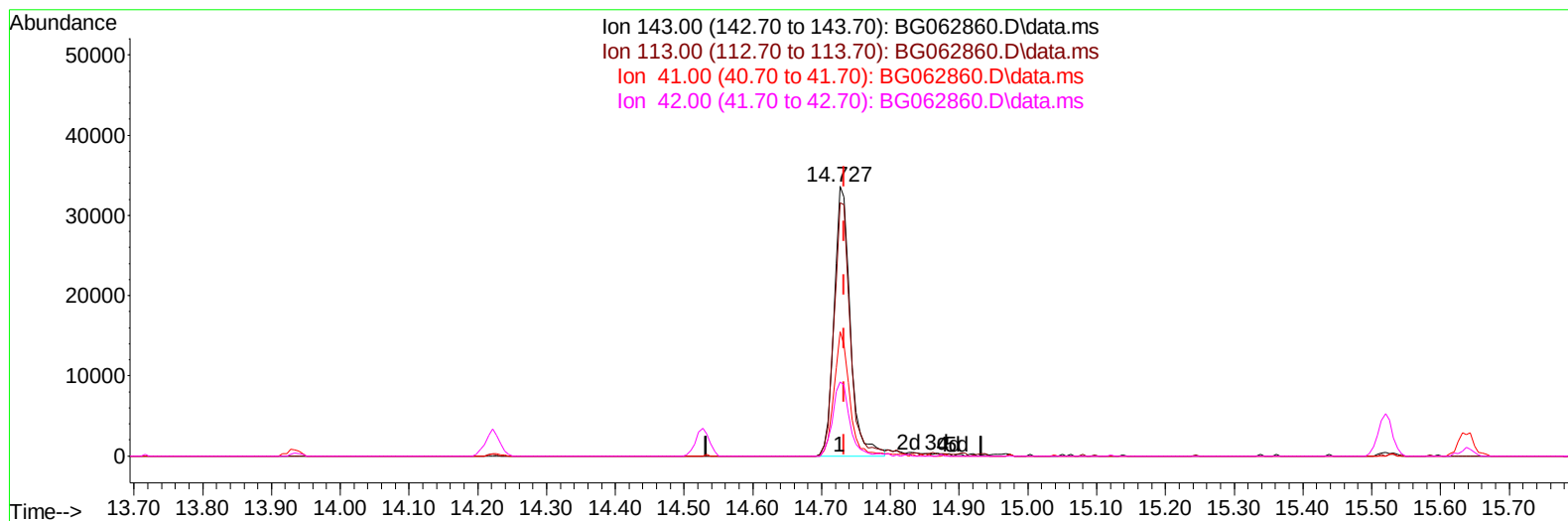
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG091324\  
Data File : BG062860.D  
Acq On : 16 Sep 2024 00:44  
Operator : JU/RC  
Sample : PB163398BL  
Misc :  
ALS Vial : 50 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
SBLK398

## Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 09/16/2024  
Supervised By :mohammad ahmed 09/17/2024

Quant Time: Sep 16 01:37:40 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG090924.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue Sep 10 01:28:17 2024  
Response via : Initial Calibration



TIC: BG062860.D\data.ms

**(54) 4-Nitrophenol-d4 (S)**

14.727min (-0.006) 26.03 ng/ul m

response 55000

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 143.00 | 100.00 | 100.00 |
| 113.00 | 83.40  | 94.03  |
| 41.00  | 45.80  | 46.20  |
| 42.00  | 31.60  | 27.58  |

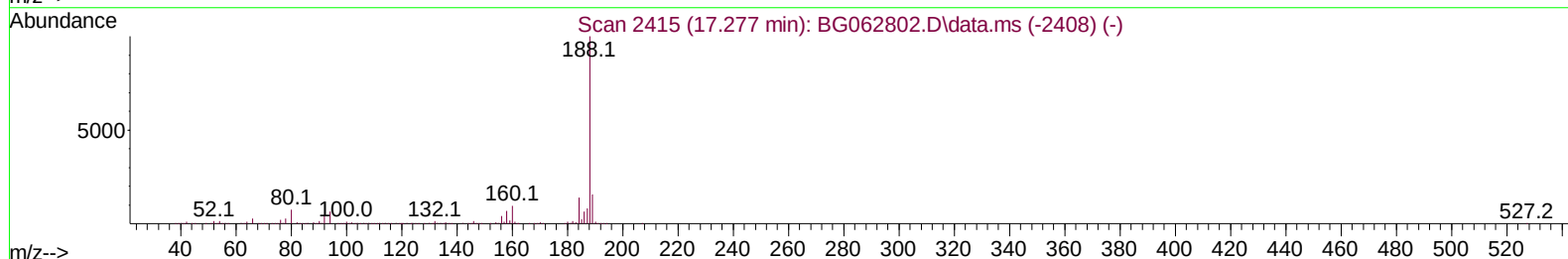
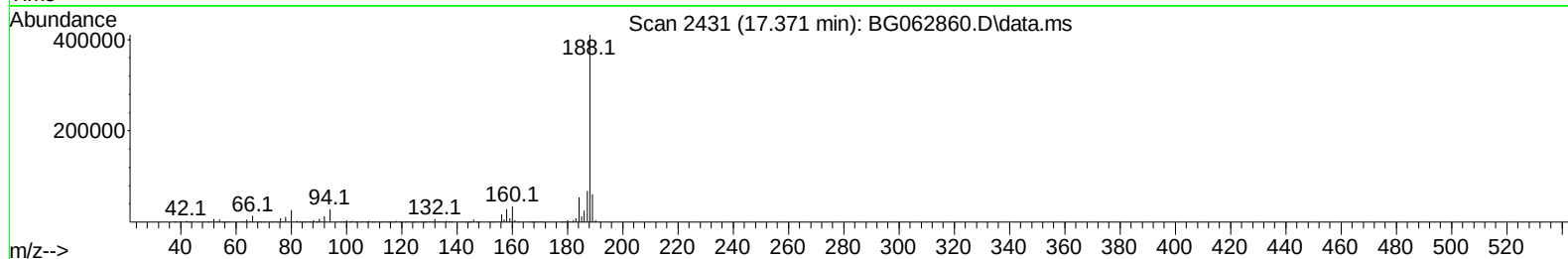
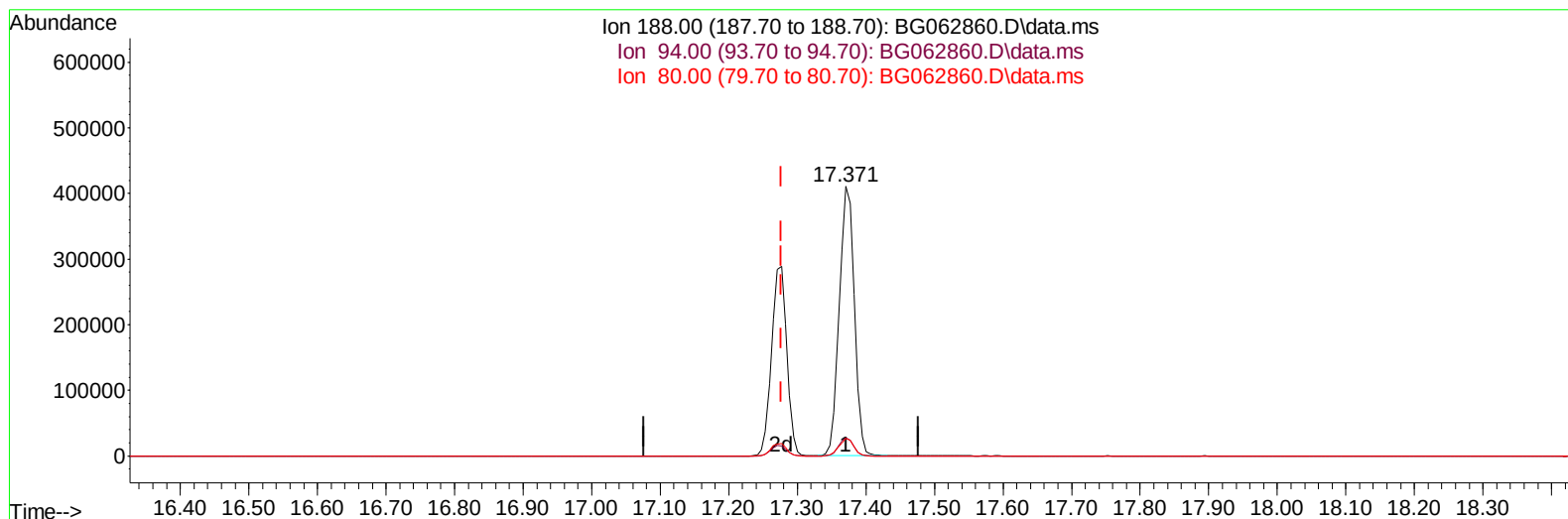
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG091324\  
 Data File : BG062860.D  
 Acq On : 16 Sep 2024 00:44  
 Operator : JU/RC  
 Sample : PB163398BL  
 Misc :  
 ALS Vial : 50 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SBLK398

Manual IntegrationsAPPROVED

Quant Time: Sep 16 01:33:22 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG090924.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Sep 10 01:28:17 2024  
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 09/16/2024  
 Supervised By :mohammad ahmed 09/17/2024



TIC: BG062860.D\data.ms

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

**17.371min (+ 0.094) 20.00 ng/ul**

**response 620959**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 188.00 | 100.00 | 100.00 |
| 94.00  | 7.60   | 6.83   |
| 80.00  | 7.90   | 6.48   |
| 0.00   | 0.00   | 0.00   |

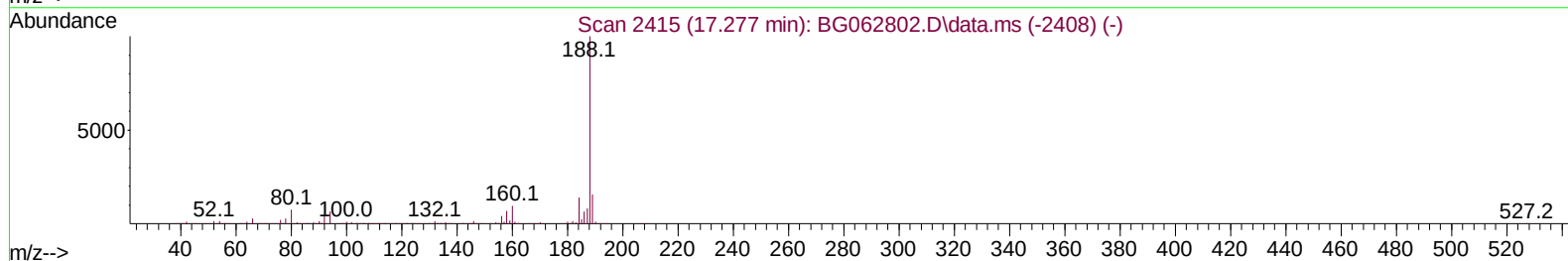
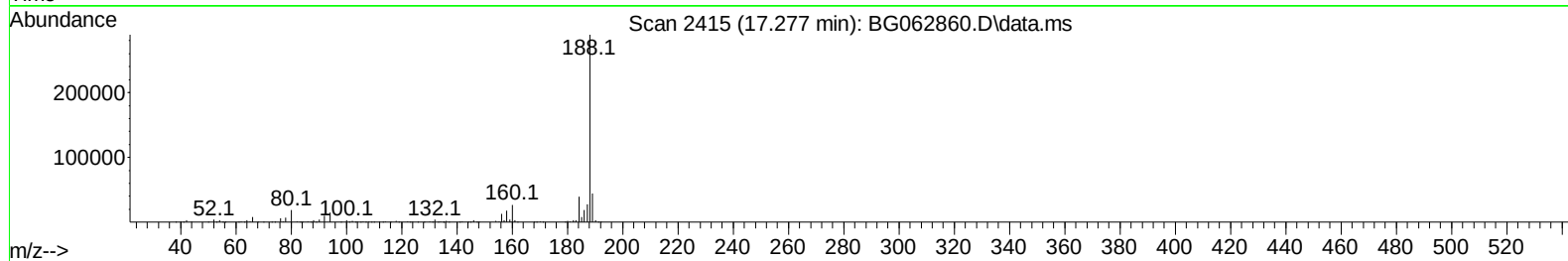
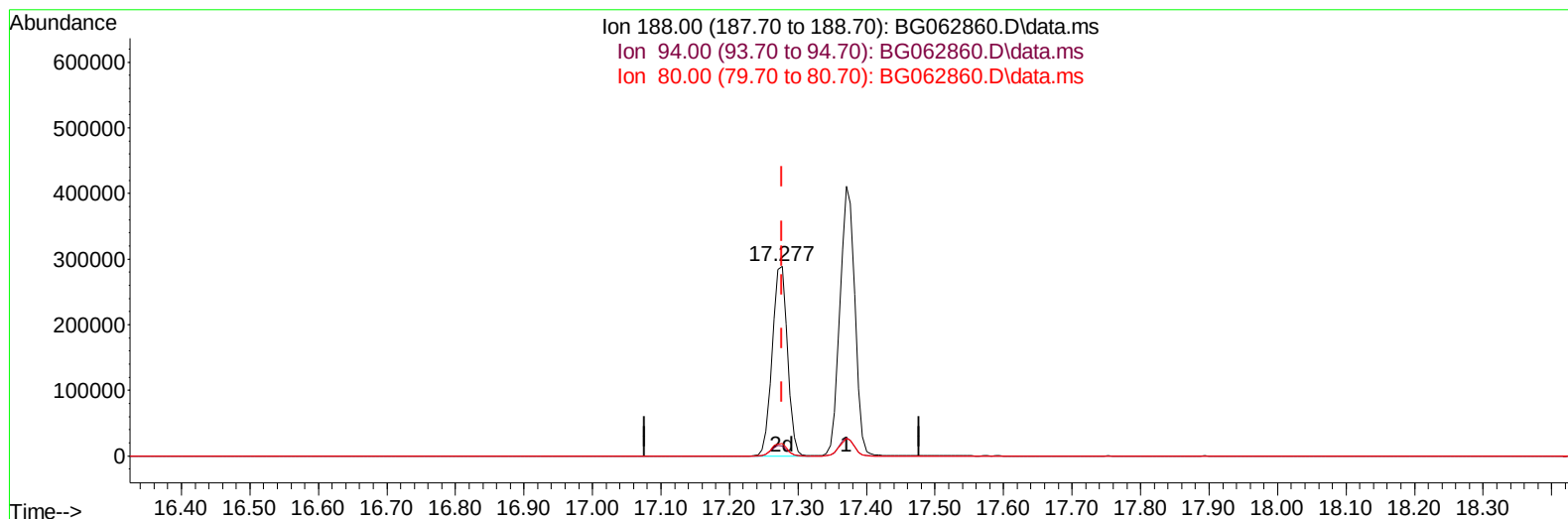
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG091324\  
Data File : BG062860.D  
Acq On : 16 Sep 2024 00:44  
Operator : JU/RC  
Sample : PB163398BL  
Misc :  
ALS Vial : 50 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
SBLK398

Manual IntegrationsAPPROVED

Quant Time: Sep 16 01:33:22 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG090924.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue Sep 10 01:28:17 2024  
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 09/16/2024  
Supervised By :mohammad ahmed 09/17/2024



TIC: BG062860.D\data.ms

(64) Phenanthrene-d10 (I)

17.277min (+ 0.000) 20.00 ng/ul m

response 448312

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 188.00 | 100.00 | 100.00 |
| 94.00  | 7.60   | 5.06#  |
| 80.00  | 7.90   | 6.54   |
| 0.00   | 0.00   | 0.00   |

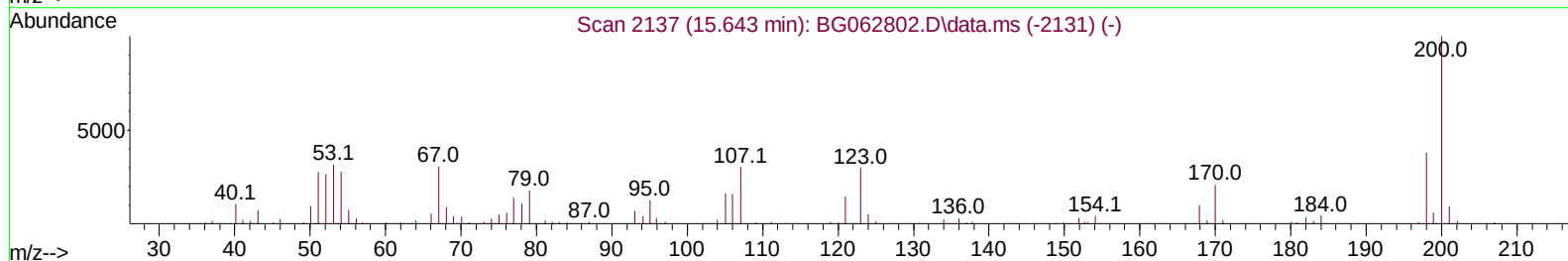
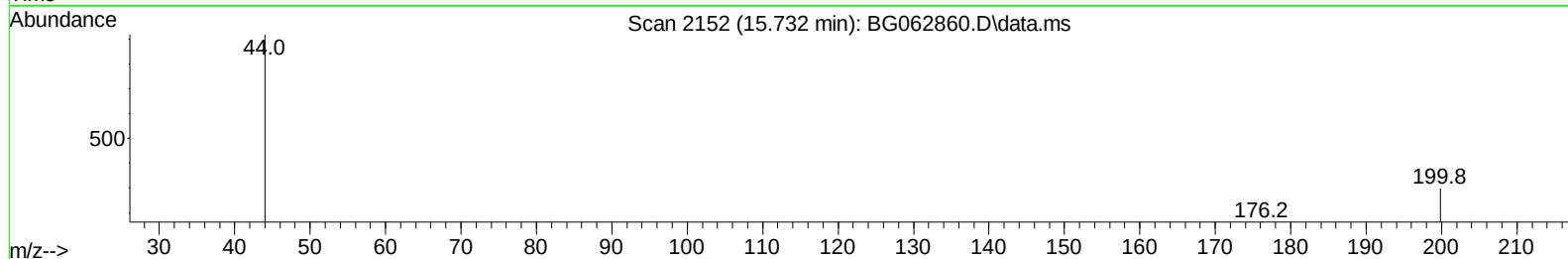
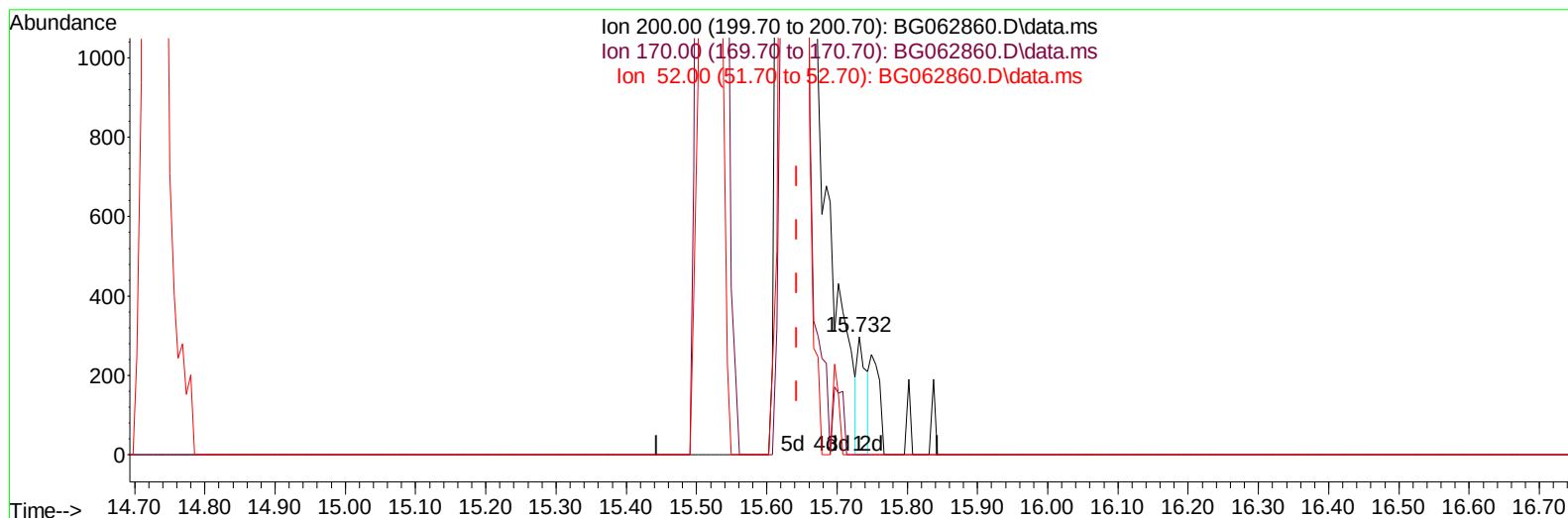
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG091324\  
Data File : BG062860.D  
Acq On : 16 Sep 2024 00:44  
Operator : JU/RC  
Sample : PB163398BL  
Misc :  
ALS Vial : 50 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
SBLK398

## Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 09/16/2024  
Supervised By :mohammad ahmed 09/17/2024

Quant Time: Sep 16 01:35:57 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG090924.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue Sep 10 01:28:17 2024  
Response via : Initial Calibration



TIC: BG062860.D\data.ms

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

15.732min (+ 0.088) 0.10 ng/u1

response 256

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 200.00 | 100.00 | 100.00 |
| 170.00 | 19.90  | 0.00#  |
| 52.00  | 39.70  | 0.00#  |
| 0.00   | 0.00   | 0.00   |

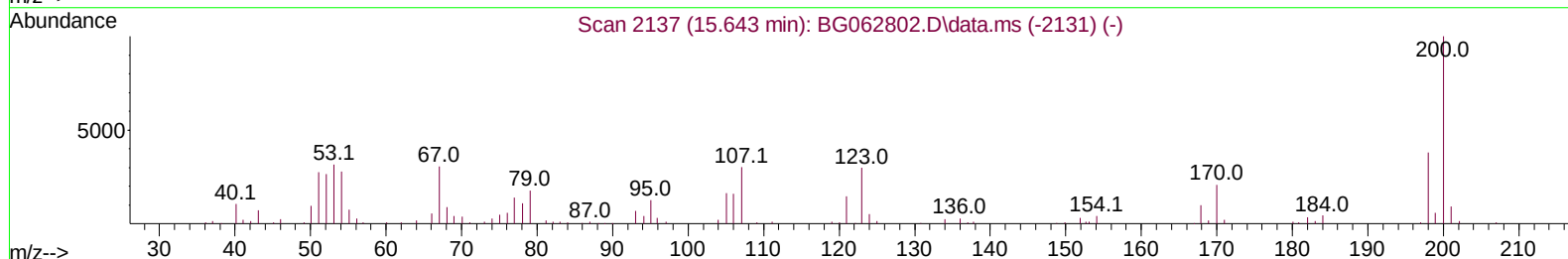
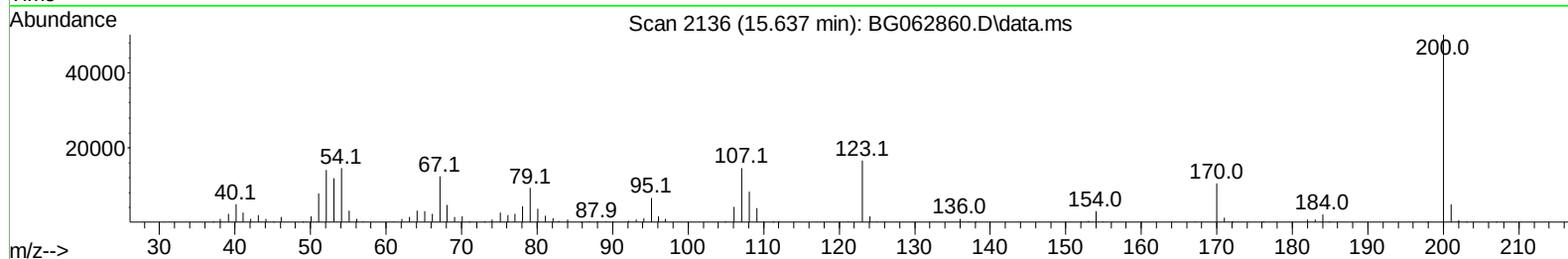
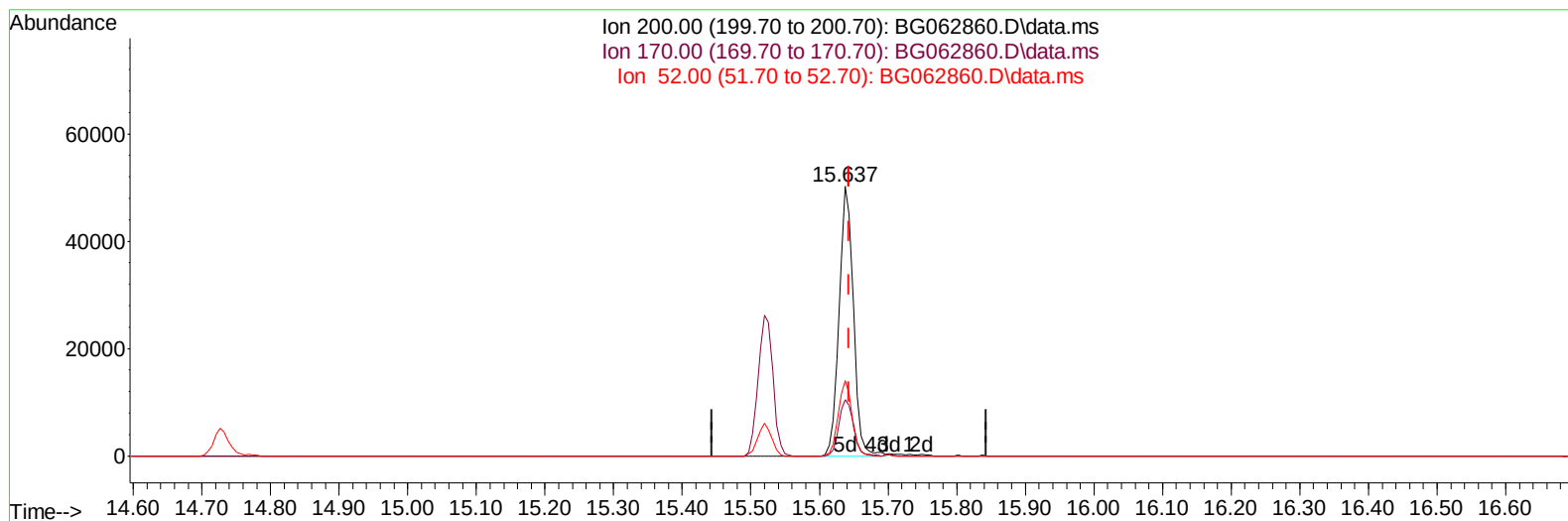
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG091324\  
Data File : BG062860.D  
Acq On : 16 Sep 2024 00:44  
Operator : JU/RC  
Sample : PB163398BL  
Misc :  
ALS Vial : 50 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
SBLK398

Manual IntegrationsAPPROVED

Quant Time: Sep 16 01:35:57 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG090924.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue Sep 10 01:28:17 2024  
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 09/16/2024  
Supervised By :mohammad ahmed 09/17/2024



TIC: BG062860.D\data.ms

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

15.637min (-0.006) 28.25 ng/ul m

response 72846

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 200.00 | 100.00 | 100.00 |
| 170.00 | 19.90  | 20.87  |
| 52.00  | 39.70  | 28.03# |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG091324\  
 Data File : BG062860.D  
 Acq On : 16 Sep 2024 00:44  
 Operator : JU/RC  
 Sample : PB163398BL  
 Misc :  
 ALS Vial : 50 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SBLK398

## Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 09/16/2024  
 Supervised By :mohammad ahmed 09/17/2024

Quant Time: Sep 16 01:48:44 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG090924.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Sep 10 01:28:17 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.899  | 152  | 46641    | 20.000 | ng/ul | 0.00     |
| 20) Naphthalene-d8            | 10.690 | 136  | 188769   | 20.000 | ng/ul | # 0.00   |
| 38) Acenaphthene-d10          | 14.527 | 164  | 161521   | 20.000 | ng/ul | 0.00     |
| 64) Phenanthrene-d10          | 17.277 | 188  | 448312m  | 20.000 | ng/ul | 0.00     |
| 79) Chrysene-d12              | 21.519 | 240  | 509530   | 20.000 | ng/ul | # 0.00   |
| 88) Perylene-d12              | 24.586 | 264  | 571436   | 20.000 | ng/ul | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 3) 1,4-Dioxane-d8             | 3.358  | 96   | 5499     | 5.330  | ng/uL | 0.00     |
| 4) Pyridine-d5                | 3.763  | 84   | 75203    | 22.897 | ng/ul | 0.00     |
| 7) Phenol-d5                  | 7.071  | 99   | 97858    | 23.927 | ng/ul | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.230  | 67   | 55281    | 22.545 | ng/ul | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.435  | 132  | 75969    | 25.501 | ng/ul | 0.00     |
| 15) 4-Methylphenol-d8         | 8.605  | 113  | 88642    | 26.008 | ng/ul | 0.00     |
| 21) Nitrobenzene-d5           | 9.051  | 128  | 41913    | 31.066 | ng/ul | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.774  | 143  | 48327    | 32.753 | ng/ul | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.314 | 165  | 95732    | 29.792 | ng/ul | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.825 | 131  | 115760   | 26.208 | ng/ul | 0.00     |
| 46) Dimethylphthalate-d6      | 13.934 | 166  | 349007   | 28.059 | ng/ul | 0.00     |
| 49) Acenaphthylene-d8         | 14.222 | 160  | 378846   | 27.425 | ng/ul | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.727 | 143  | 55000m   | 26.030 | ng/ul | 0.00     |
| 60) Fluorene-d10              | 15.520 | 176  | 325994   | 29.085 | ng/ul | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.637 | 200  | 72846m   | 28.248 | ng/ul | 0.00     |
| 73) Anthracene-d10            | 17.371 | 188  | 620858   | 29.344 | ng/ul | 0.00     |
| 81) Pyrene-d10                | 19.662 | 212  | 797484   | 27.813 | ng/ul | 0.00     |
| 92) Benzo(a)pyrene-d12        | 24.374 | 264  | 859840   | 28.496 | ng/ul | 0.00     |

Target Compounds Qvalue

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG091324\  
Data File : BG062860.D  
Acq On : 16 Sep 2024 00:44  
Operator : JU/RC  
Sample : PB163398BL  
Misc :  
ALS Vial : 50 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
SBLK398

Manual IntegrationsAPPROVED

Quant Time: Sep 16 01:48:44 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG090924.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue Sep 10 01:28:17 2024  
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 09/16/2024  
Supervised By :mohammad ahmed 09/17/2024

