

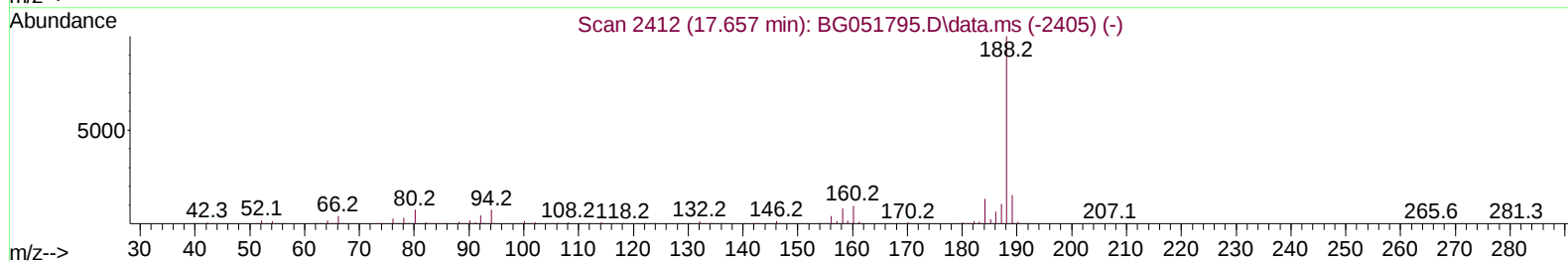
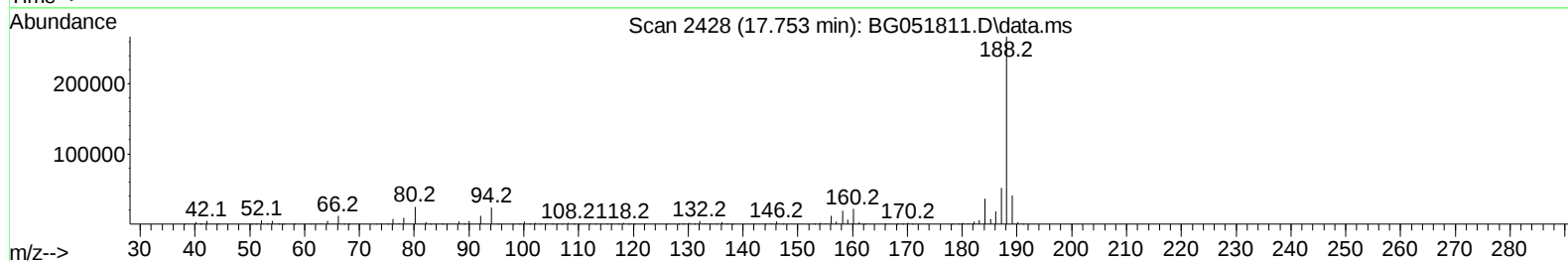
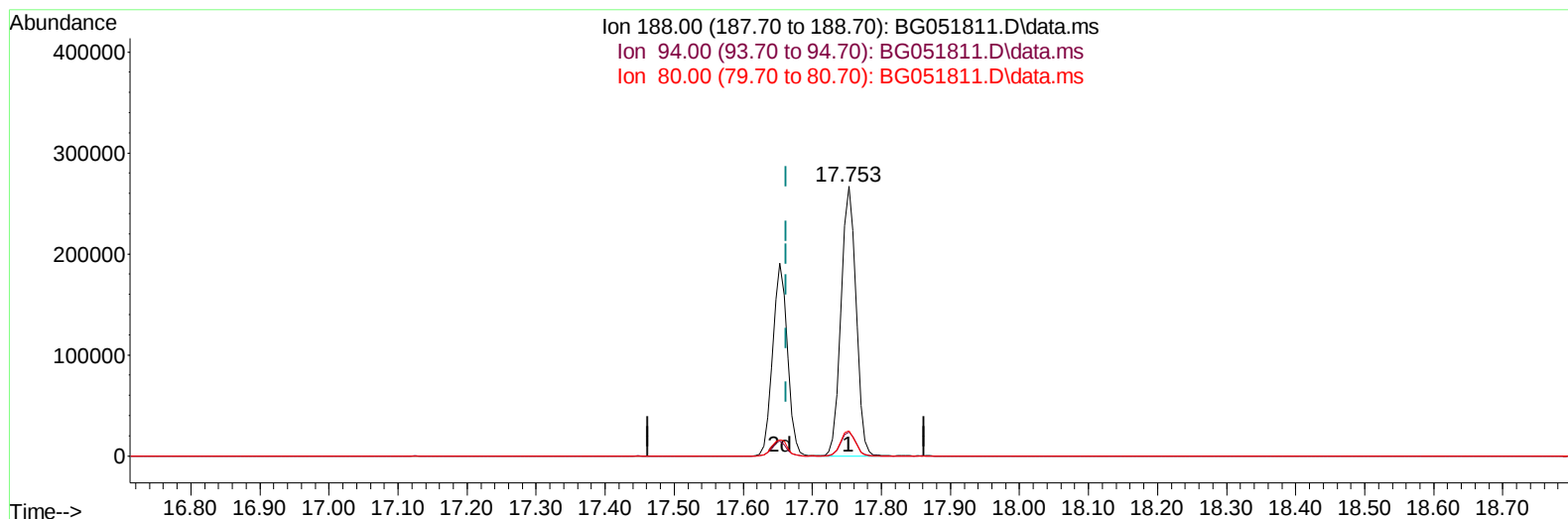
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG122721\  
Data File : BG051811.D  
Acq On : 27 Dec 2021 21:25  
Operator : CG/JU  
Sample : PB141603BL  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
SBLK603

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/28/2021  
Supervised By :mohammad ahmed 12/31/2021

Quant Time: Dec 28 00:07:44 2021  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG121421.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Thu Dec 23 13:37:07 2021  
Response via : Initial Calibration



TIC: BG051811.D\data.ms

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

**17.753min (+ 0.091) 20.00 ng/u1**

**response 402796**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 188.00 | 100.00 | 100.00 |
| 94.00  | 9.50   | 8.89   |
| 80.00  | 11.40  | 9.27   |
| 0.00   | 0.00   | 0.00   |

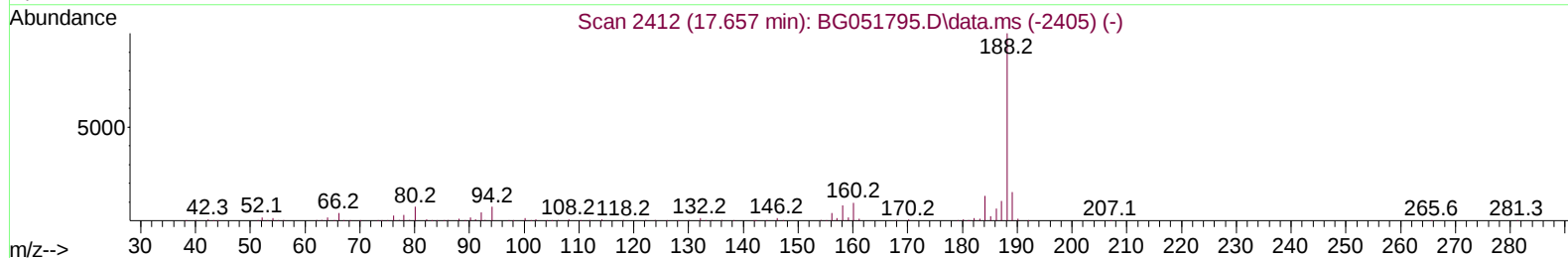
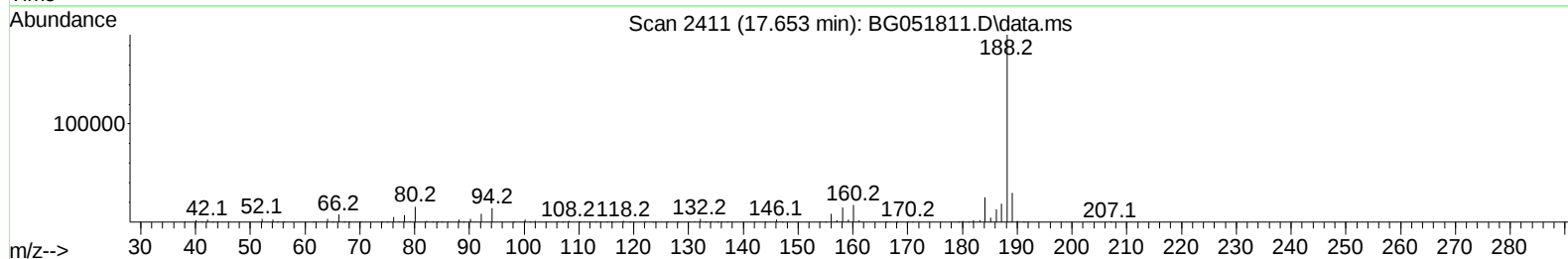
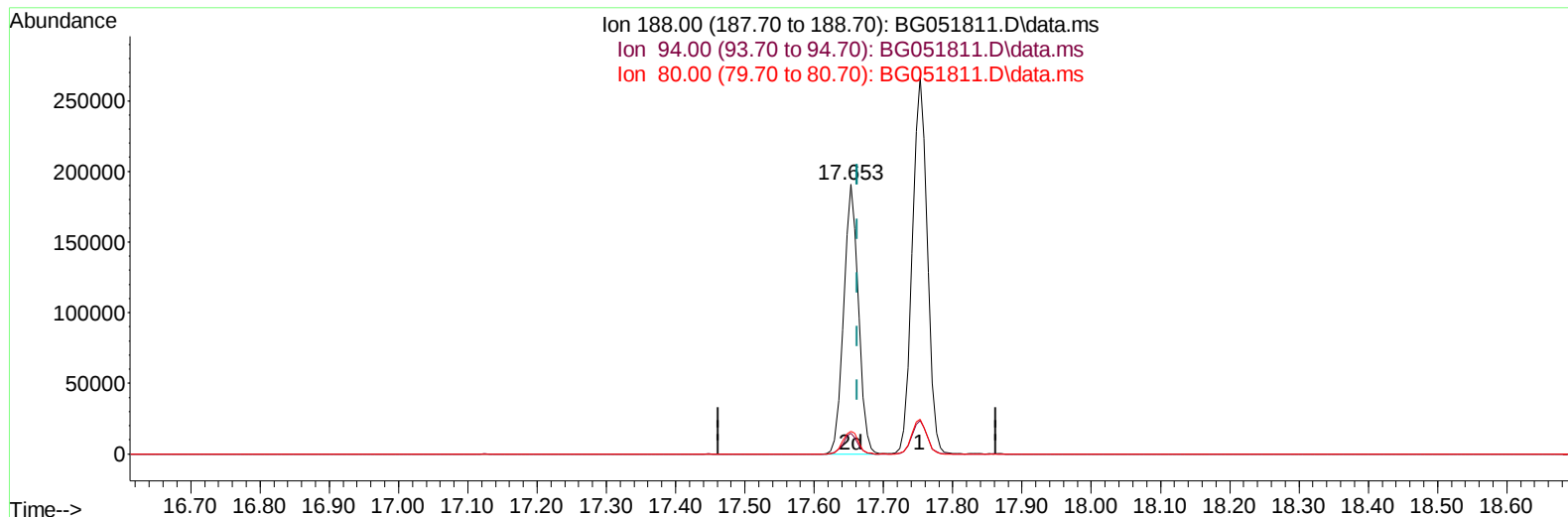
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG122721\  
 Data File : BG051811.D  
 Acq On : 27 Dec 2021 21:25  
 Operator : CG/JU  
 Sample : PB141603BL  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SBLK603

Manual IntegrationsAPPROVED

Quant Time: Dec 28 00:07:44 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG121421.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Dec 23 13:37:07 2021  
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 12/28/2021  
 Supervised By :mohammad ahmed 12/31/2021



TIC: BG051811.D\data.ms

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

17.653min (-0.009) 20.00 ng/ul m

response 281510

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 188.00 | 100.00 | 100.00 |
| 94.00  | 9.50   | 7.71   |
| 80.00  | 11.40  | 8.32#  |
| 0.00   | 0.00   | 0.00   |

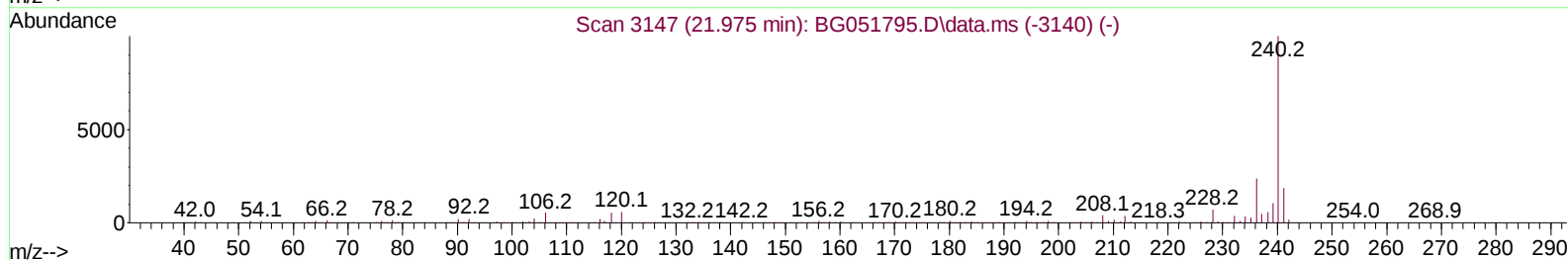
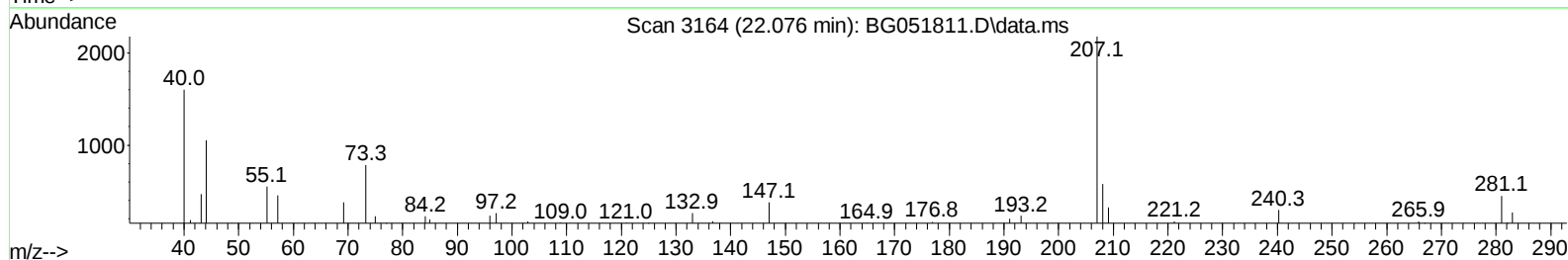
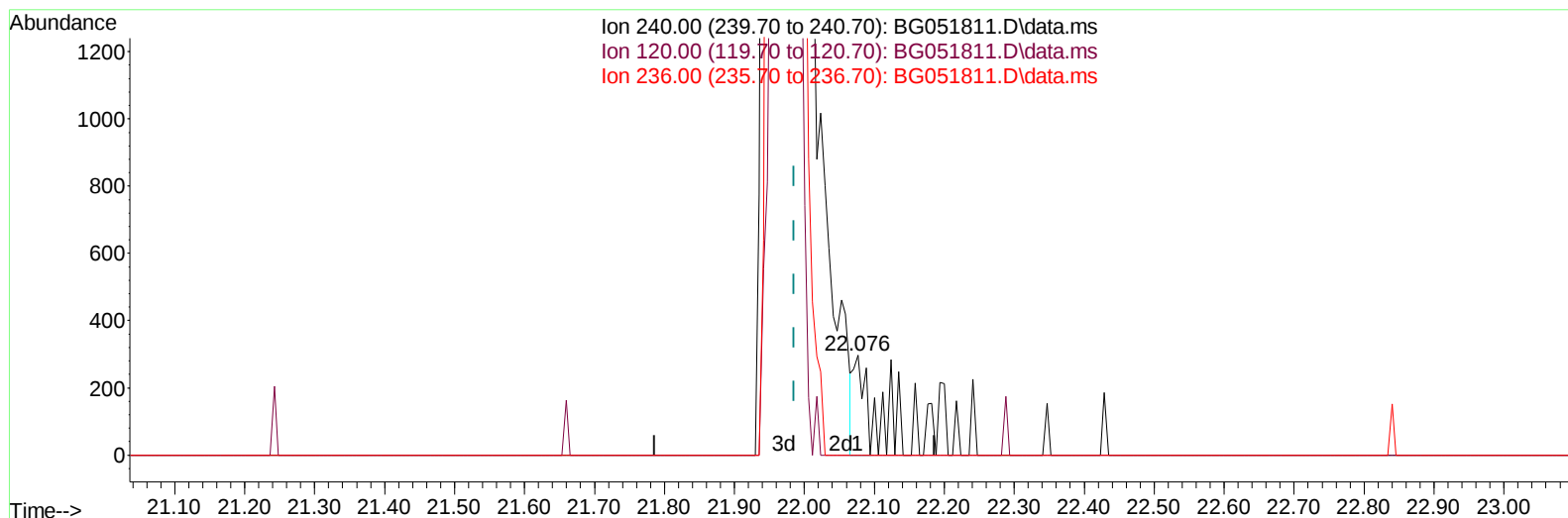
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG122721\  
Data File : BG051811.D  
Acq On : 27 Dec 2021 21:25  
Operator : CG/JU  
Sample : PB141603BL  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
SBLK603

Manual IntegrationsAPPROVED

Quant Time: Dec 28 00:07:44 2021  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG121421.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Thu Dec 23 13:37:07 2021  
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 12/28/2021  
Supervised By :mohammad ahmed 12/31/2021



TIC: BG051811.D\data.ms

(79) Chrysene-d12 (I)

22.076min (+ 0.091) 20.00 ng/u1

response 346

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 240.00 | 100.00 | 100.00 |
| 120.00 | 9.50   | 0.00#  |
| 236.00 | 26.70  | 0.00#  |
| 0.00   | 0.00   | 0.00   |

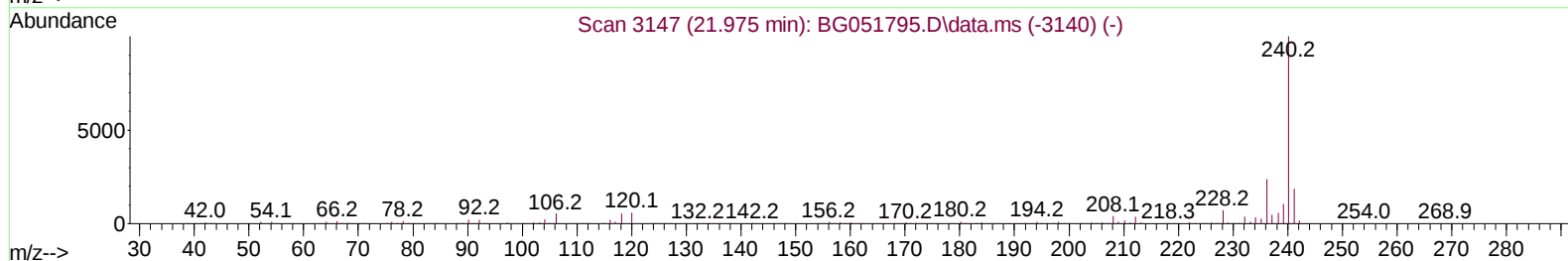
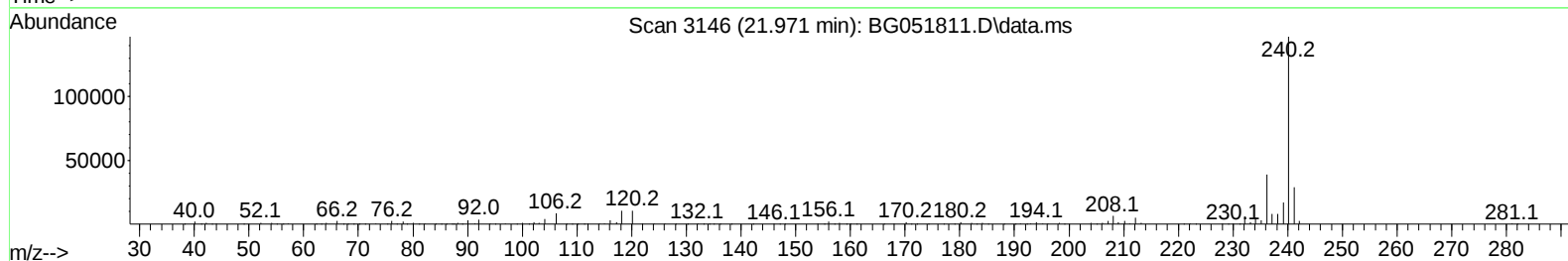
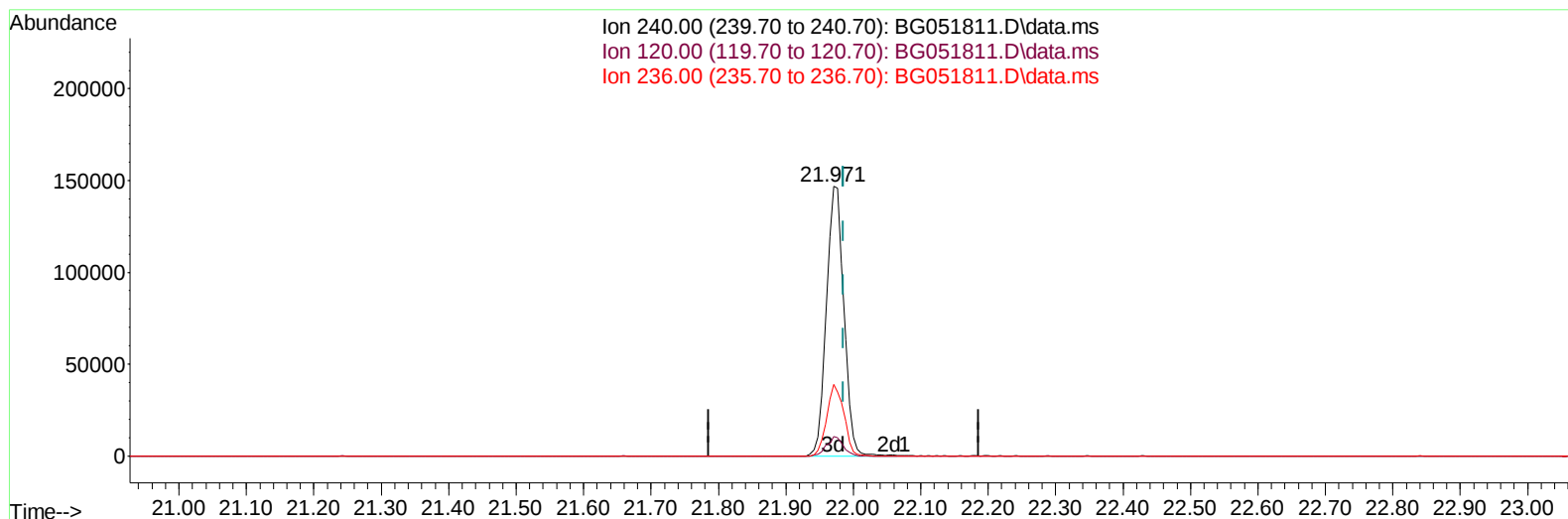
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG122721\  
 Data File : BG051811.D  
 Acq On : 27 Dec 2021 21:25  
 Operator : CG/JU  
 Sample : PB141603BL  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SBLK603

Manual IntegrationsAPPROVED

Quant Time: Dec 28 00:07:44 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG121421.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Dec 23 13:37:07 2021  
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 12/28/2021  
 Supervised By :mohammad ahmed 12/31/2021



TIC: BG051811.D\data.ms

**(79) Chrysene-d12 (I)**

**21.971min (-0.015) 20.00 ng/ul m**

**response 264070**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 240.00 | 100.00 | 100.00 |
| 120.00 | 9.50   | 7.26#  |
| 236.00 | 26.70  | 26.60  |
| 0.00   | 0.00   | 0.00   |

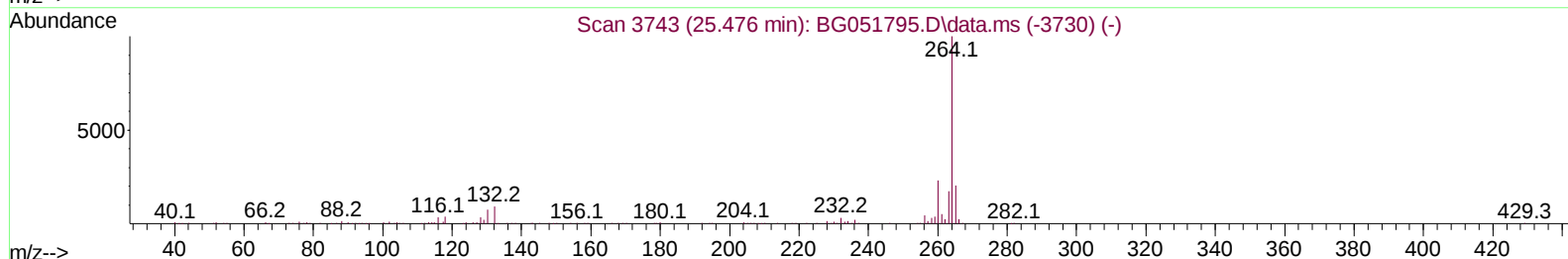
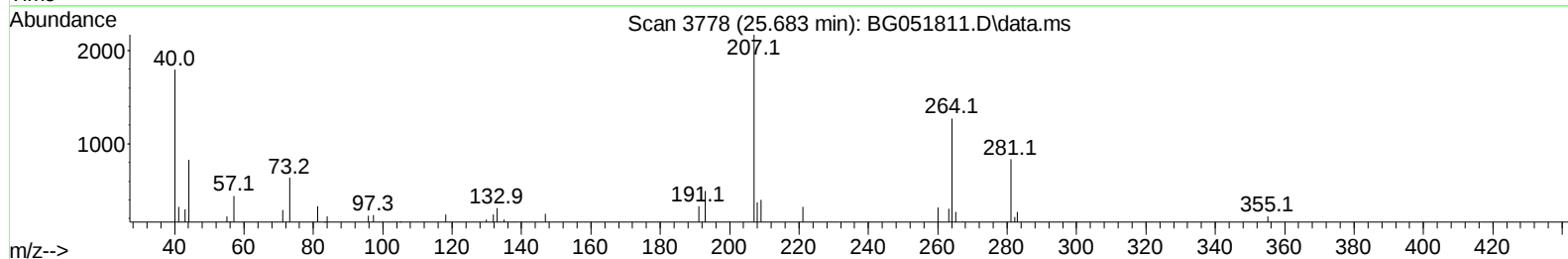
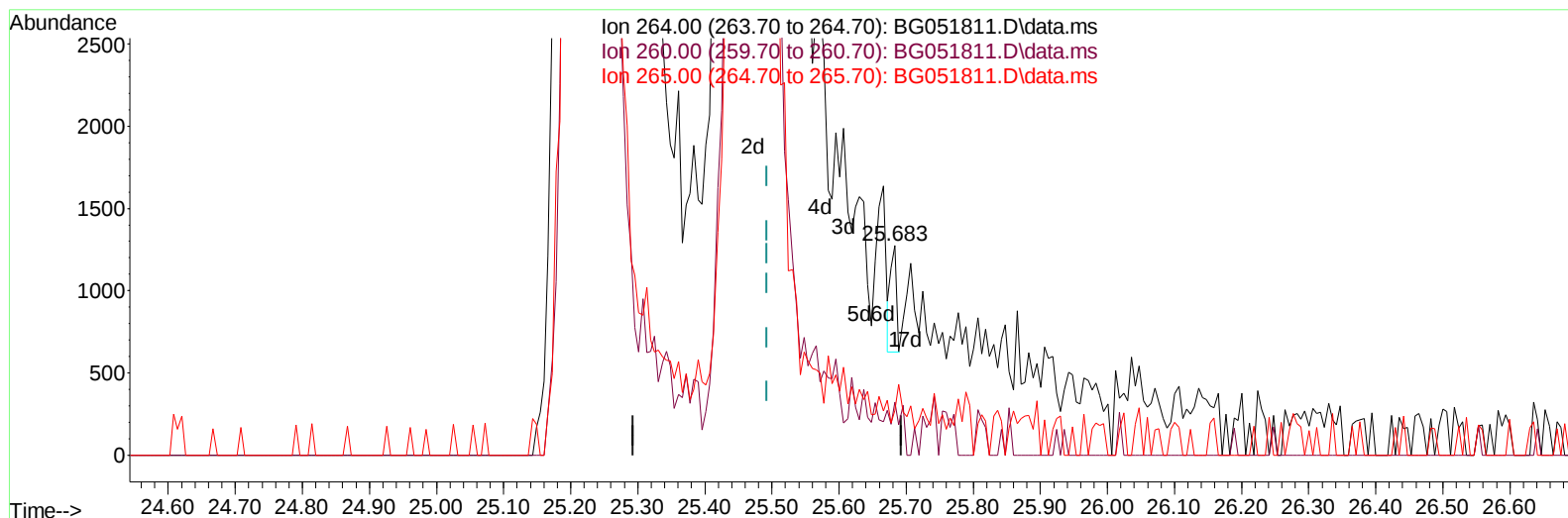
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG122721\  
 Data File : BG051811.D  
 Acq On : 27 Dec 2021 21:25  
 Operator : CG/JU  
 Sample : PB141603BL  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SBLK603

Manual IntegrationsAPPROVED

Quant Time: Dec 28 00:07:44 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG121421.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Dec 23 13:37:07 2021  
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 12/28/2021  
 Supervised By :mohammad ahmed 12/31/2021



TIC: BG051811.D\data.ms

**(88) Perylene-d12 (I)**

**25.683min (+ 0.190) 20.00 ng/u1**

**response 408**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 264.00 | 100.00 | 100.00 |
| 260.00 | 24.50  | 25.27  |
| 265.00 | 22.60  | 21.27  |
| 0.00   | 0.00   | 0.00   |

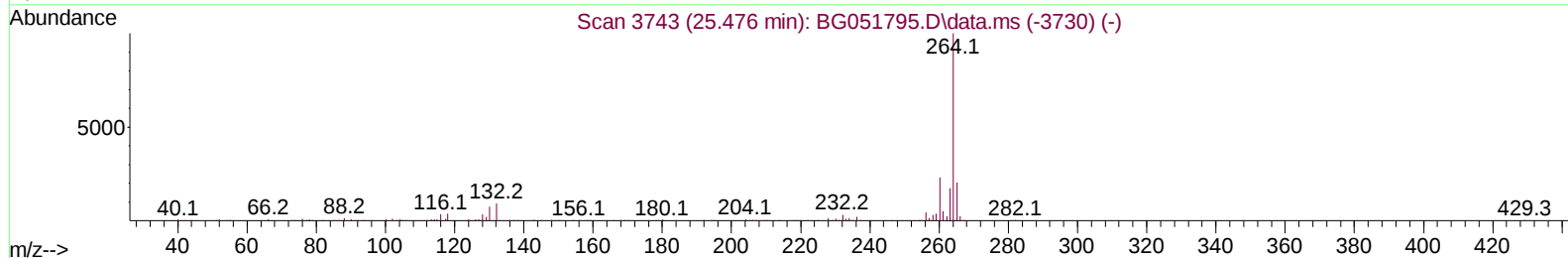
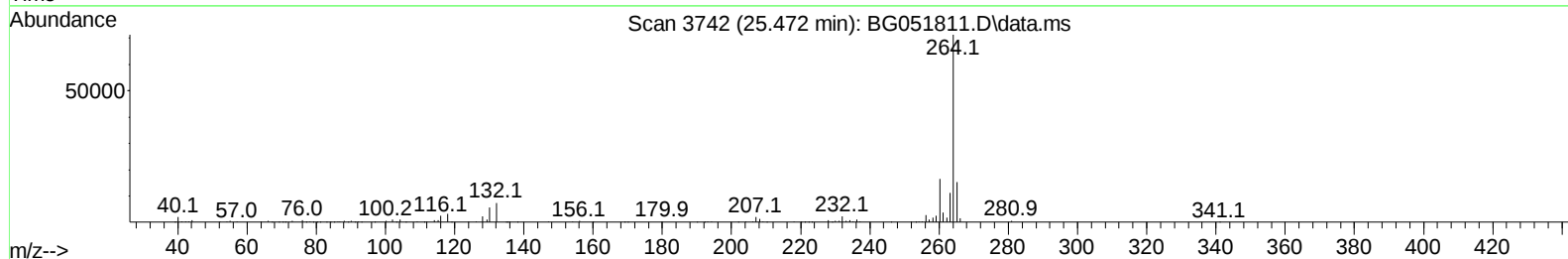
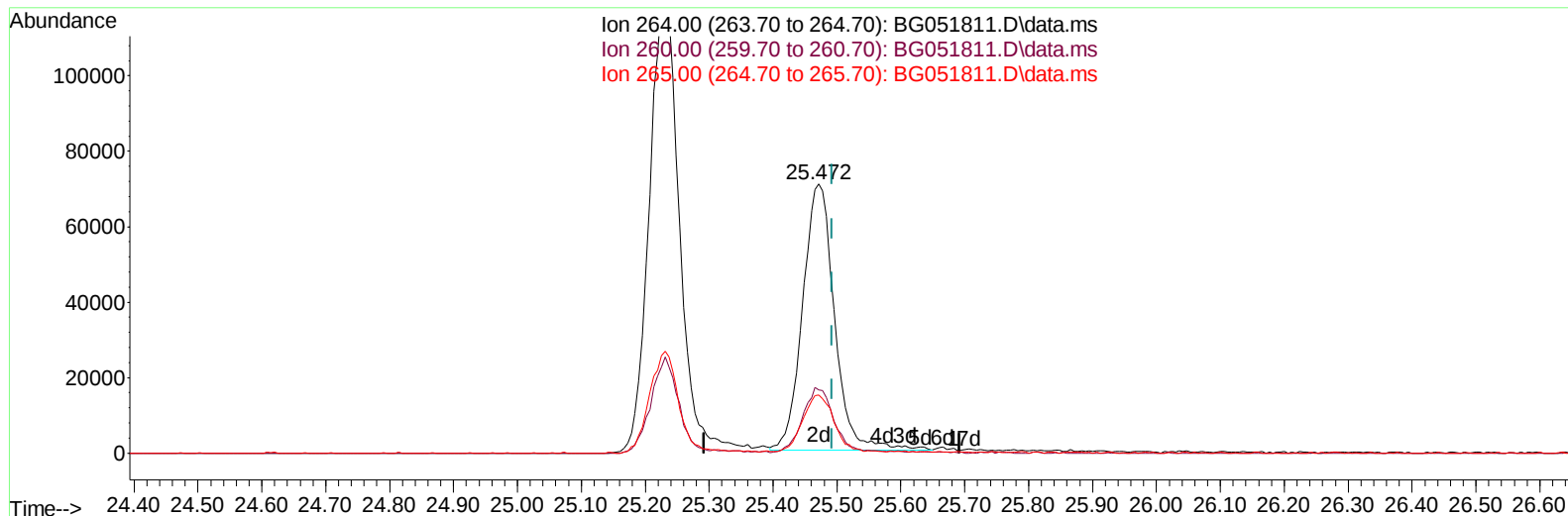
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG122721\  
 Data File : BG051811.D  
 Acq On : 27 Dec 2021 21:25  
 Operator : CG/JU  
 Sample : PB141603BL  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SBLK603

Manual IntegrationsAPPROVED

Quant Time: Dec 28 00:07:44 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG121421.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Dec 23 13:37:07 2021  
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 12/28/2021  
 Supervised By :mohammad ahmed 12/31/2021



TIC: BG051811.D\data.ms

**(88) Perylene-d12 (I)**

25.472min (-0.021) 20.00 ng/ul m

response 246566

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 264.00 | 100.00 | 100.00 |
| 260.00 | 24.50  | 23.37  |
| 265.00 | 22.60  | 21.54  |
| 0.00   | 0.00   | 0.00   |

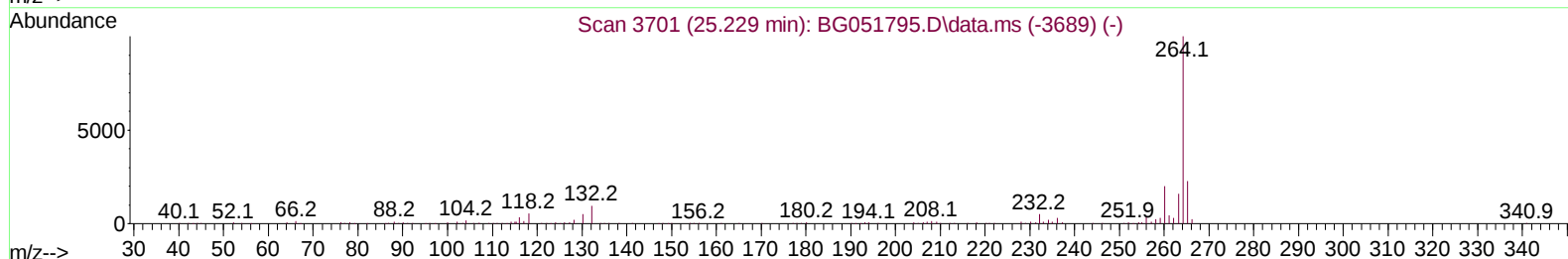
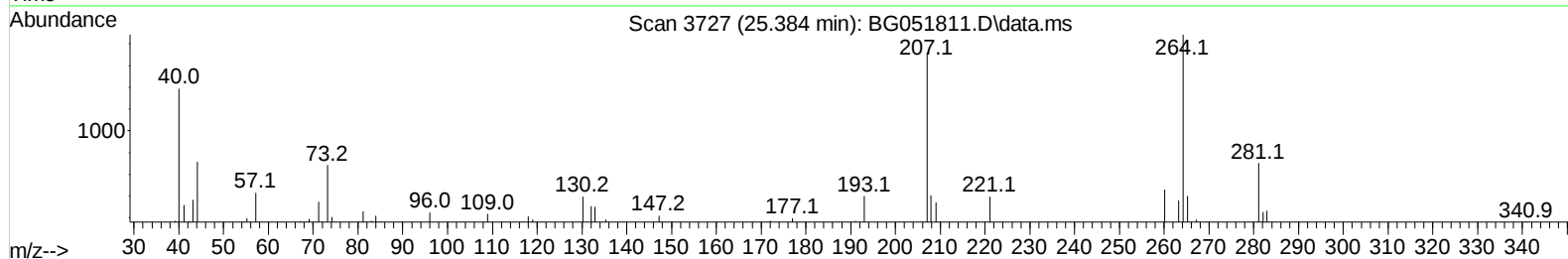
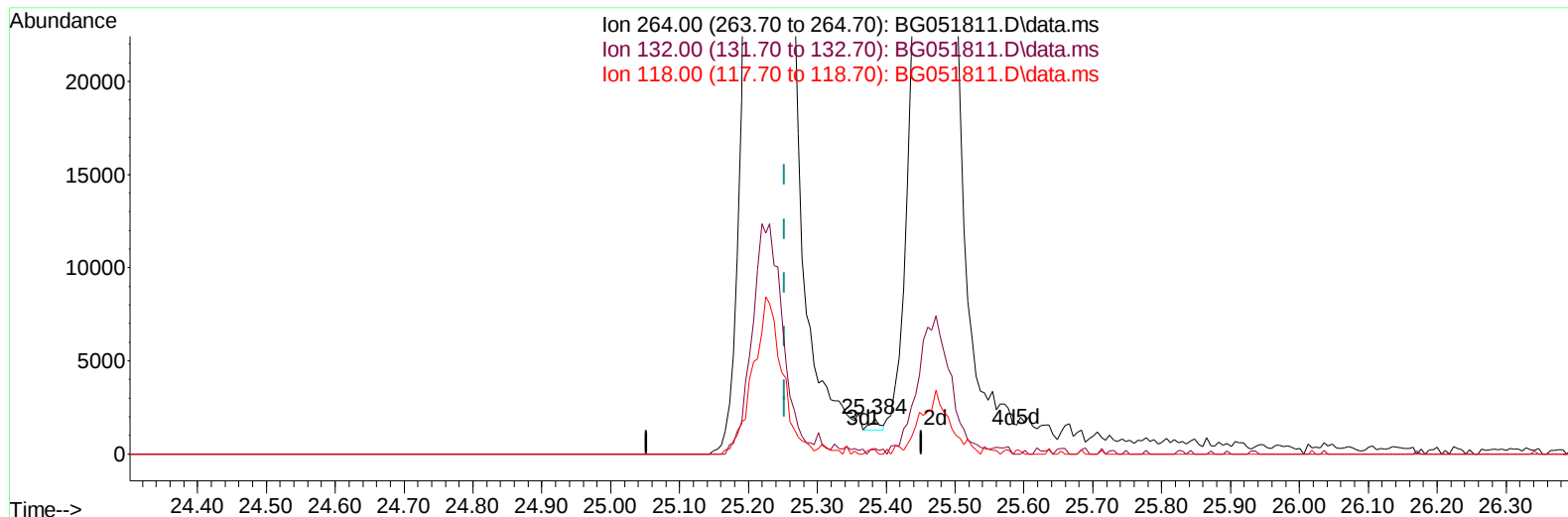
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG122721\  
Data File : BG051811.D  
Acq On : 27 Dec 2021 21:25  
Operator : CG/JU  
Sample : PB141603BL  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
SBLK603

Manual IntegrationsAPPROVED

Quant Time: Dec 28 00:07:44 2021  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG121421.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Thu Dec 23 13:37:07 2021  
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 12/28/2021  
Supervised By :mohammad ahmed 12/31/2021



TIC: BG051811.D\data.ms

**(92) Benzo(a)pyrene-d12 (S)**

25.384min (+ 0.132) 0.04 ng/u1

response 570

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 264.00 | 100.00 | 100.00 |
| 132.00 | 15.50  | 16.45  |
| 118.00 | 11.00  | 11.41  |
| 0.00   | 0.00   | 0.00   |

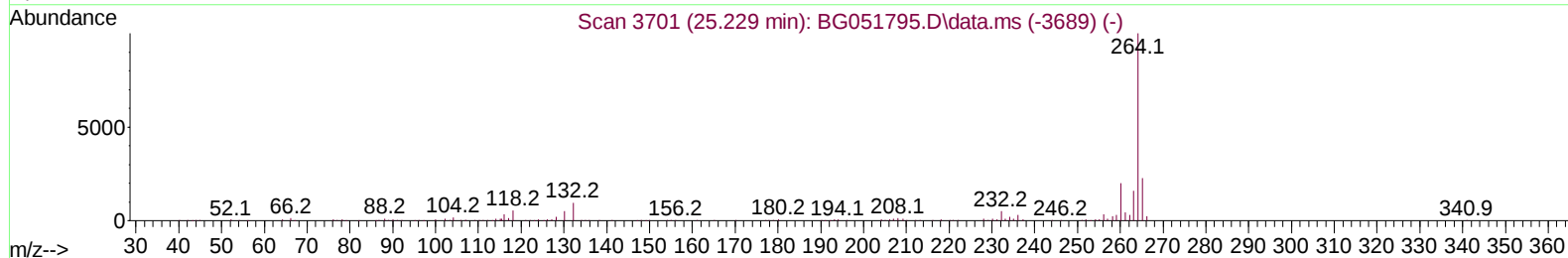
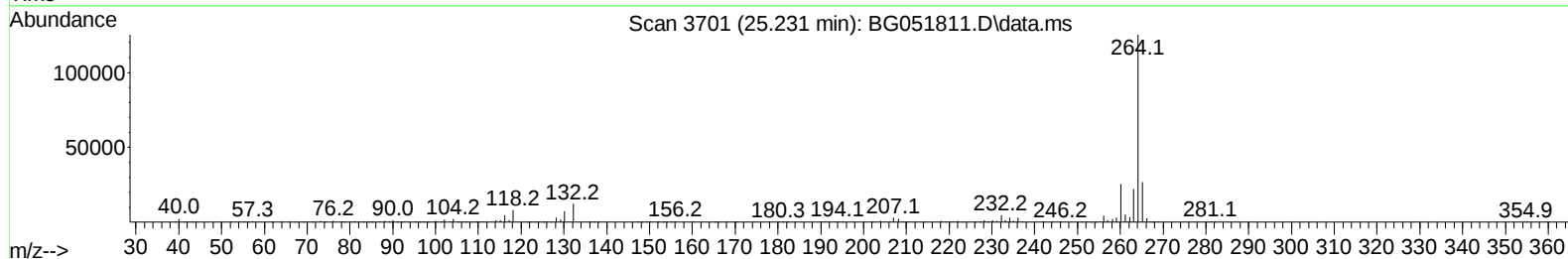
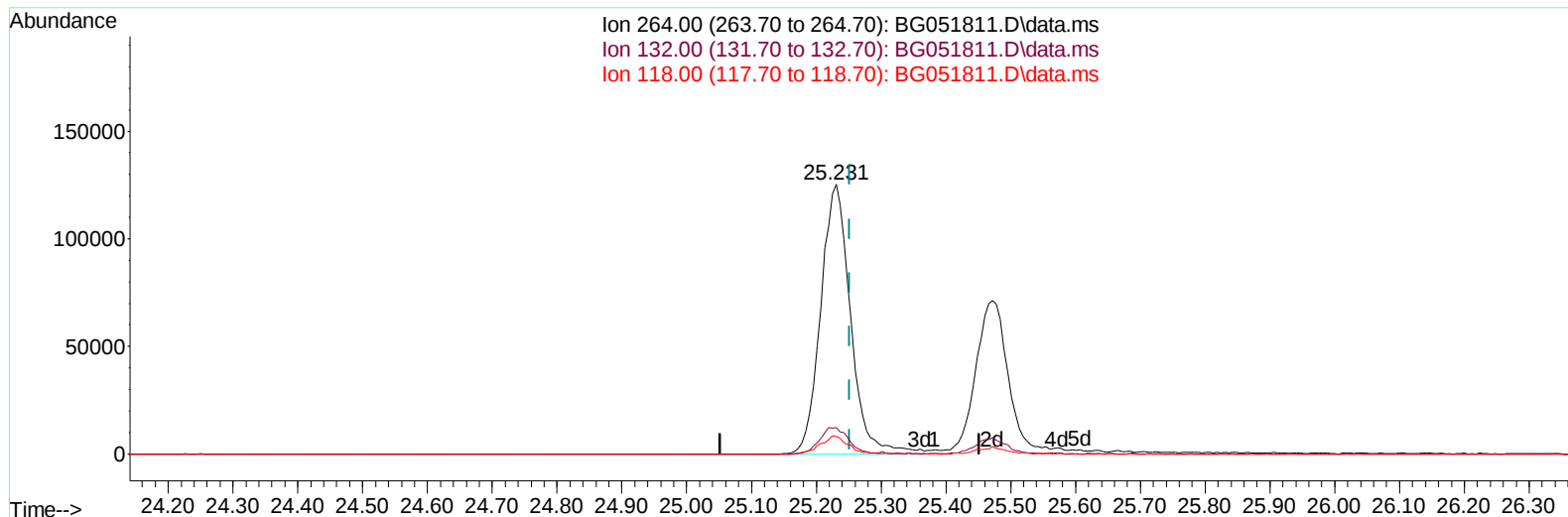
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG122721\  
Data File : BG051811.D  
Acq On : 27 Dec 2021 21:25  
Operator : CG/JU  
Sample : PB141603BL  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
SBLK603

## Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/28/2021  
Supervised By :mohammad ahmed 12/31/2021

Quant Time: Dec 28 00:07:44 2021  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG121421.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Thu Dec 23 13:37:07 2021  
Response via : Initial Calibration



TIC: BG051811.D\data.ms

**(92) Benzo(a)pyrene-d12 (S)**

25.231min (-0.021) 30.86 ng/ul m

response 400305

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 264.00 | 100.00 | 100.00 |
| 132.00 | 15.50  | 9.88#  |
| 118.00 | 11.00  | 6.43#  |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG122721\  
 Data File : BG051811.D  
 Acq On : 27 Dec 2021 21:25  
 Operator : CG/JU  
 Sample : PB141603BL  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SBLK603

## Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/28/2021  
 Supervised By :mohammad ahmed 12/31/2021

Quant Time: Dec 28 00:07:44 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG121421.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Dec 23 13:37:07 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.272  | 152  | 43328    | 20.000 | ng/ul | -0.02    |
| 20) Naphthalene-d8            | 11.109 | 136  | 177336   | 20.000 | ng/ul | #-0.02   |
| 38) Acenaphthene-d10          | 14.910 | 164  | 122087   | 20.000 | ng/ul | 0.00     |
| 64) Phenanthrene-d10          | 17.653 | 188  | 281510m  | 20.000 | ng/ul | 0.00     |
| 79) Chrysene-d12              | 21.971 | 240  | 264070m  | 20.000 | ng/ul | -0.02    |
| 88) Perylene-d12              | 25.472 | 264  | 246566m  | 20.000 | ng/ul | -0.02    |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 3) 1,4-Dioxane-d8             | 3.596  | 96   | 6925     | 6.638  | ng/uL | 0.00     |
| 4) Pyridine-d5                | 4.024  | 84   | 104461   | 33.139 | ng/ul | -0.02    |
| 7) Phenol-d5                  | 7.408  | 99   | 121228   | 31.336 | ng/ul | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.578  | 67   | 73630    | 32.016 | ng/ul | -0.02    |
| 11) 2-Chlorophenol-d4         | 7.796  | 132  | 82306    | 30.590 | ng/ul | -0.02    |
| 15) 4-Methylphenol-d8         | 8.965  | 113  | 92007    | 30.768 | ng/ul | -0.02    |
| 21) Nitrobenzene-d5           | 9.441  | 128  | 41786    | 32.139 | ng/ul | -0.02    |
| 24) 2-Nitrophenol-d4          | 10.175 | 143  | 48590    | 34.187 | ng/ul | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.715 | 165  | 89111    | 28.912 | ng/ul | -0.02    |
| 31) 4-Chloroaniline-d4        | 11.232 | 131  | 120020   | 29.576 | ng/ul | 0.00     |
| 46) Dimethylphthalate-d6      | 14.293 | 166  | 283883   | 29.051 | ng/ul | -0.02    |
| 49) Acenaphthylene-d8         | 14.604 | 160  | 362353   | 29.857 | ng/ul | 0.00     |
| 54) 4-Nitrophenol-d4          | 15.074 | 143  | 37875    | 23.835 | ng/ul | 0.00     |
| 60) Fluorene-d10              | 15.897 | 176  | 245999   | 28.099 | ng/ul | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.996 | 200  | 33332    | 22.726 | ng/ul | -0.02    |
| 73) Anthracene-d10            | 17.753 | 188  | 402159   | 29.947 | ng/ul | 0.00     |
| 81) Pyrene-d10                | 20.032 | 212  | 472642   | 29.739 | ng/ul | 0.00     |
| 92) Benzo(a)pyrene-d12        | 25.231 | 264  | 400305m  | 30.856 | ng/ul | -0.02    |

Target Compounds Qvalue

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG122721\  
Data File : BG051811.D  
Acq On : 27 Dec 2021 21:25  
Operator : CG/JU  
Sample : PB141603BL  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
SBLK603

## Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/28/2021  
Supervised By :mohammad ahmed 12/31/2021

Quant Time: Dec 28 00:07:44 2021  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG121421.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Thu Dec 23 13:37:07 2021  
Response via : Initial Calibration

