

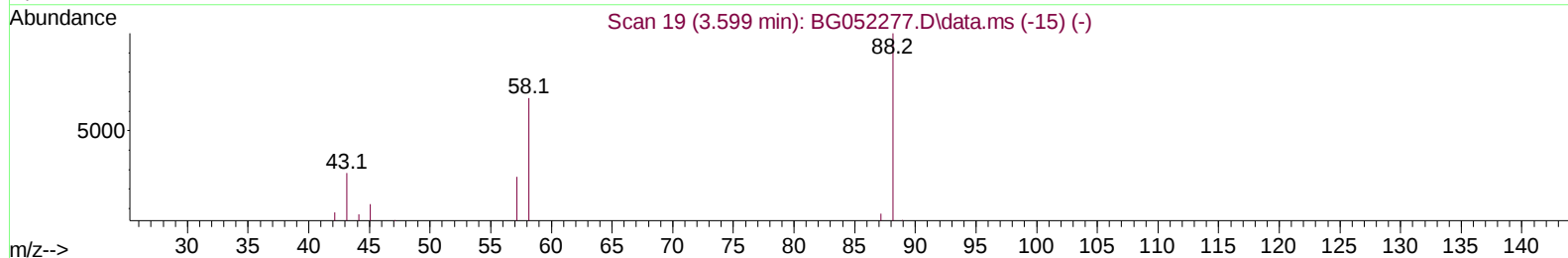
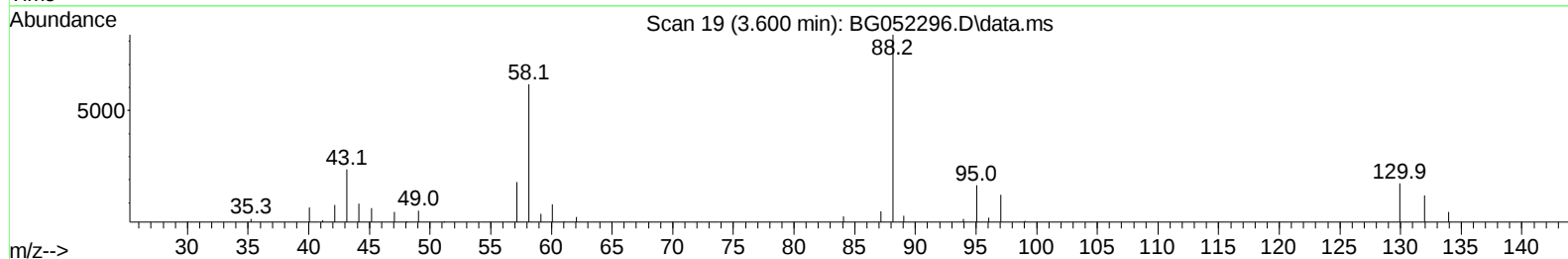
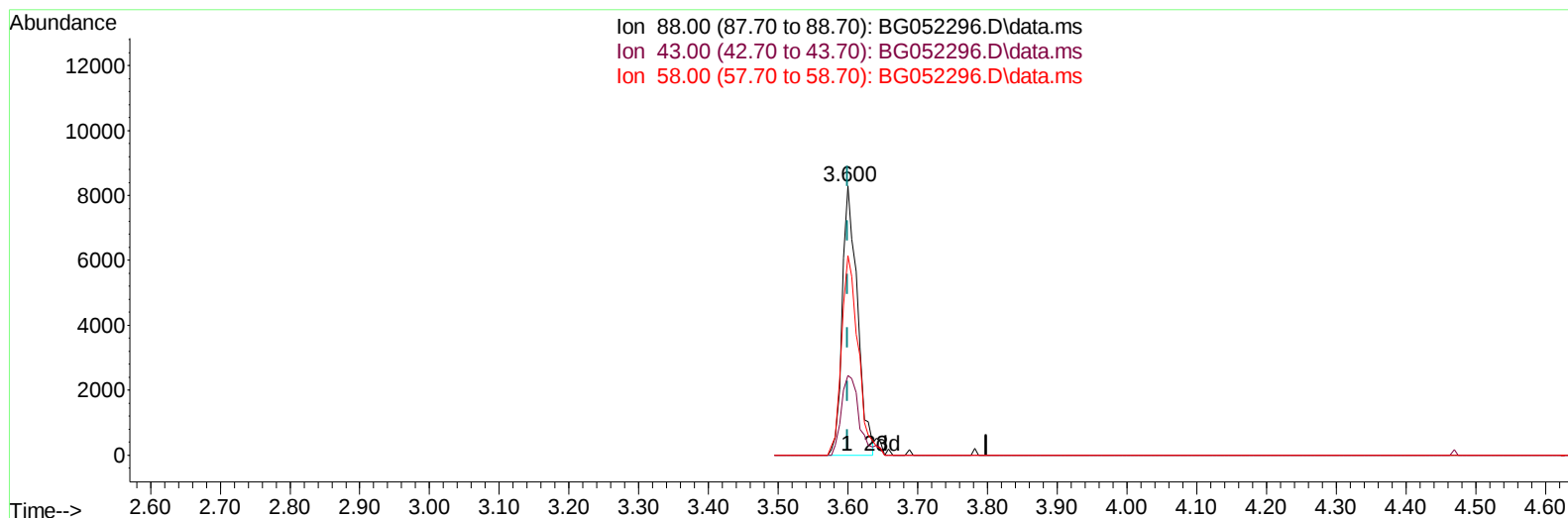
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG020322\  
 Data File : BG052296.D  
 Acq On : 4 Feb 2022 11:38  
 Operator : CG/JU  
 Sample : N1349-05DL 10X  
 Misc :  
 ALS Vial : 37 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 C0HP4DL

Manual IntegrationsAPPROVED

Quant Time: Feb 04 22:52:54 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG013122.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Jan 31 18:07:10 2022  
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 02/07/2022  
 Supervised By :Yogesh Patel 02/08/2022



TIC: BG052296.D\data.ms

(2) 1,4-Dioxane

3.600min (+ 0.001) 13.26 ng/uL

response 12413

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 88.00 | 100.00 | 100.00 |
| 43.00 | 28.70  | 29.56  |
| 58.00 | 78.00  | 74.22  |
| 0.00  | 0.00   | 0.00   |

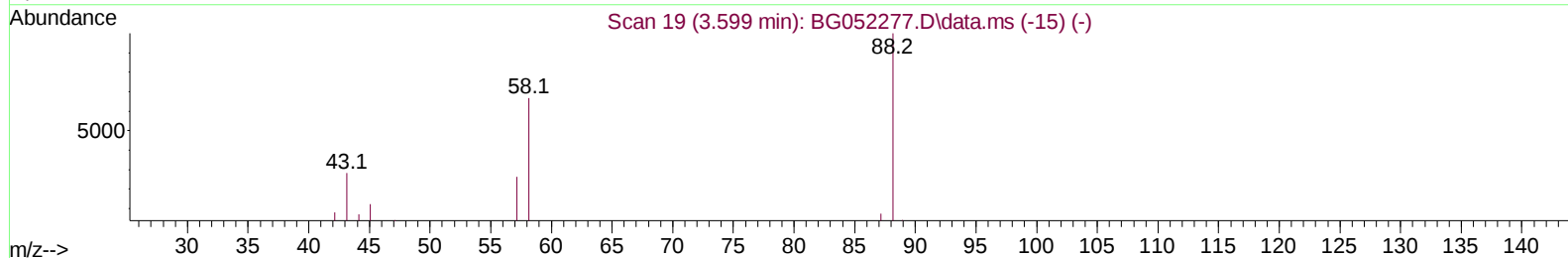
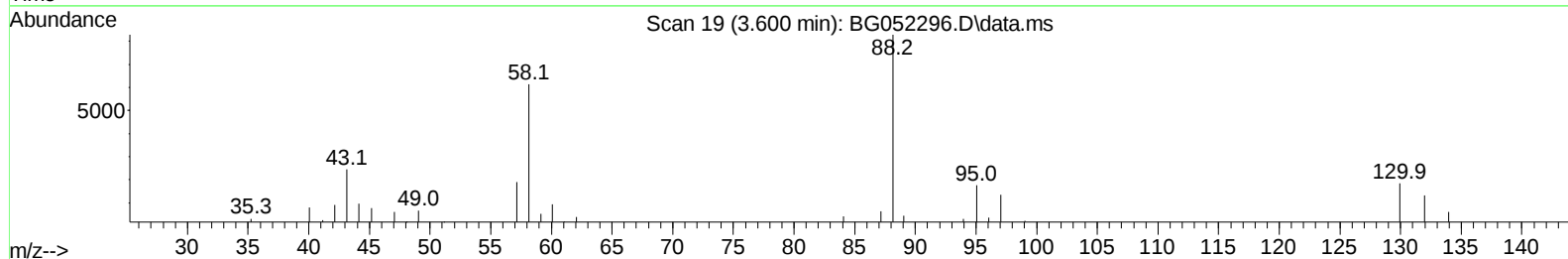
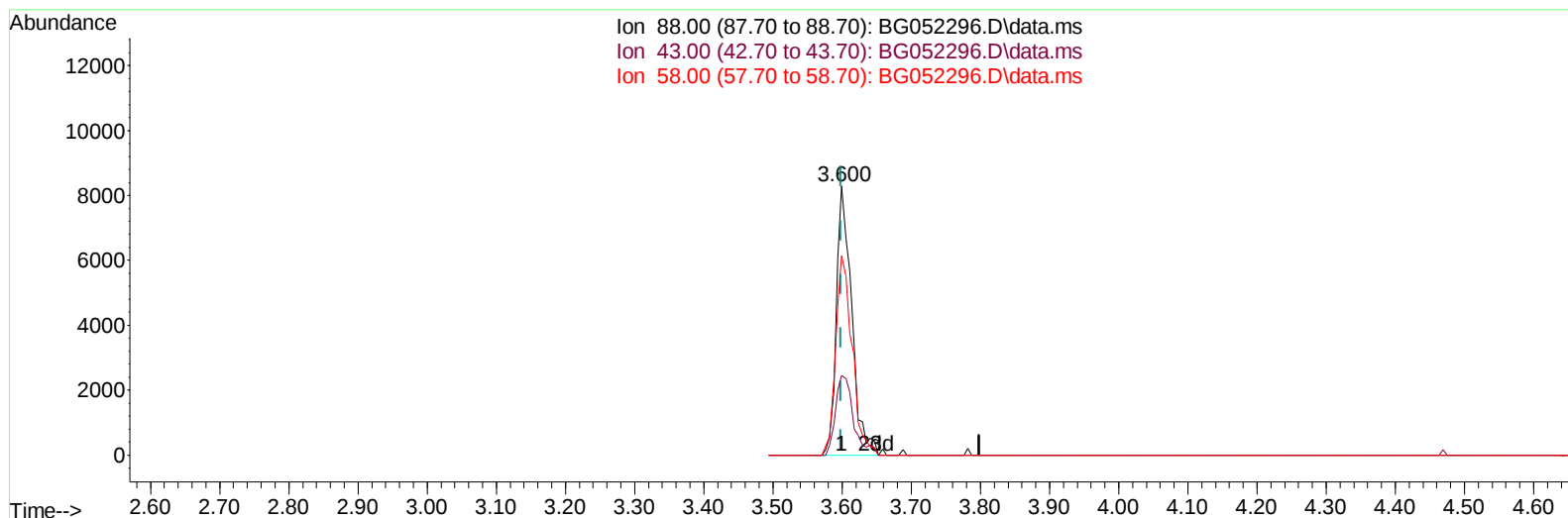
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG020322\  
 Data File : BG052296.D  
 Acq On : 4 Feb 2022 11:38  
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 ALS Vial : 37 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 C0HP4DL

Manual IntegrationsAPPROVED

Quant Time: Feb 04 22:52:54 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG013122.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Jan 31 18:07:10 2022  
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Reviewed By :Jagrut Upadhyay 02/07/2022  
 Supervised By :Yogesh Patel 02/08/2022



TIC: BG052296.D\data.ms

(2) 1,4-Dioxane

3.600min (+ 0.001) 13.62 ng/uL m

response 12747

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 88.00 | 100.00 | 100.00 |
| 43.00 | 28.70  | 29.56  |
| 58.00 | 78.00  | 74.22  |
| 0.00  | 0.00   | 0.00   |

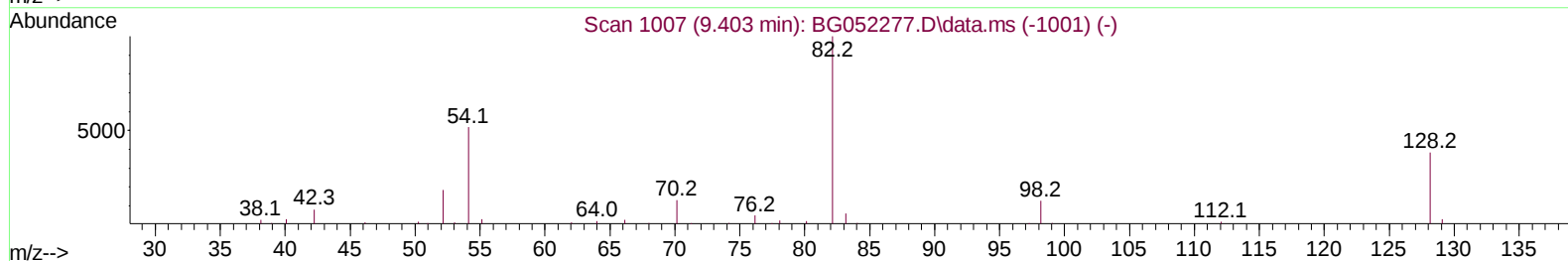
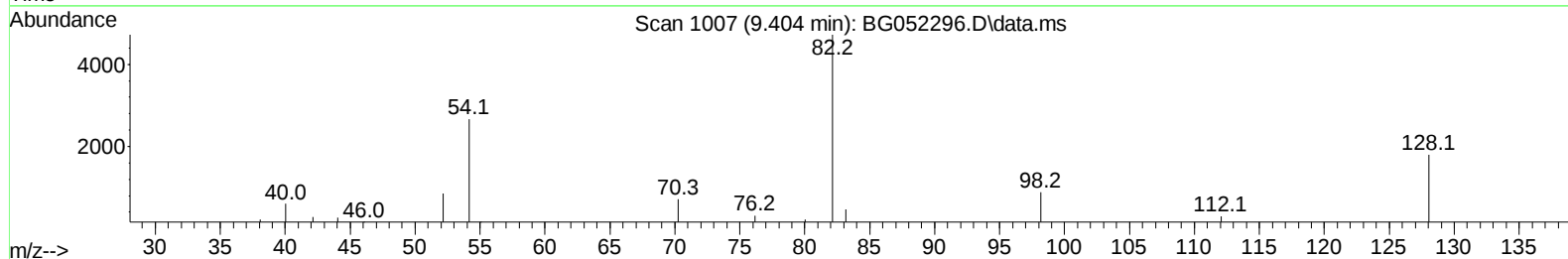
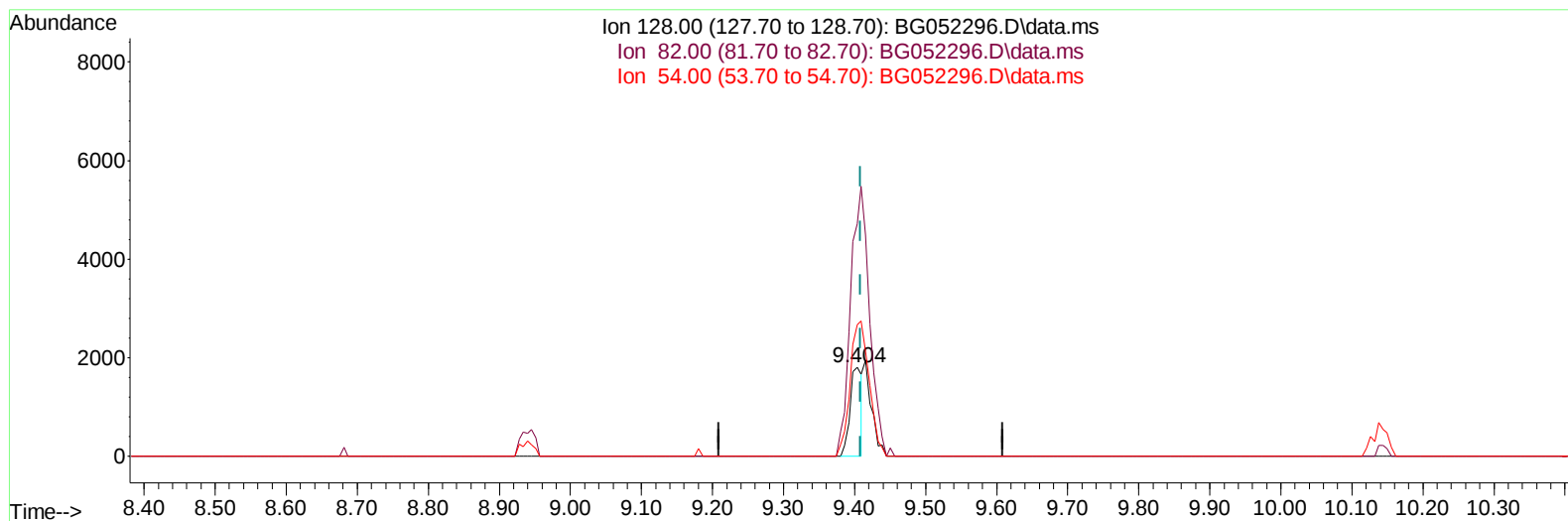
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG020322\  
Data File : BG052296.D  
Acq On : 4 Feb 2022 11:38  
Operator : CG/JU  
Sample : N1349-05DL 10X  
Misc :  
ALS Vial : 37 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
C0HP4DL

## Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 02/07/2022  
Supervised By :Yogesh Patel 02/08/2022

Quant Time: Feb 04 22:52:54 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG013122.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Mon Jan 31 18:07:10 2022  
Response via : Initial Calibration



TIC: BG052296.D\data.ms

## (21) Nitrobenzene-d5 (S)

9.404min (-0.005) 1.93 ng/u1

response 2135

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 128.00 | 100.00 | 100.00 |
| 82.00  | 265.30 | 262.24 |
| 54.00  | 131.10 | 148.14 |
| 0.00   | 0.00   | 0.00   |

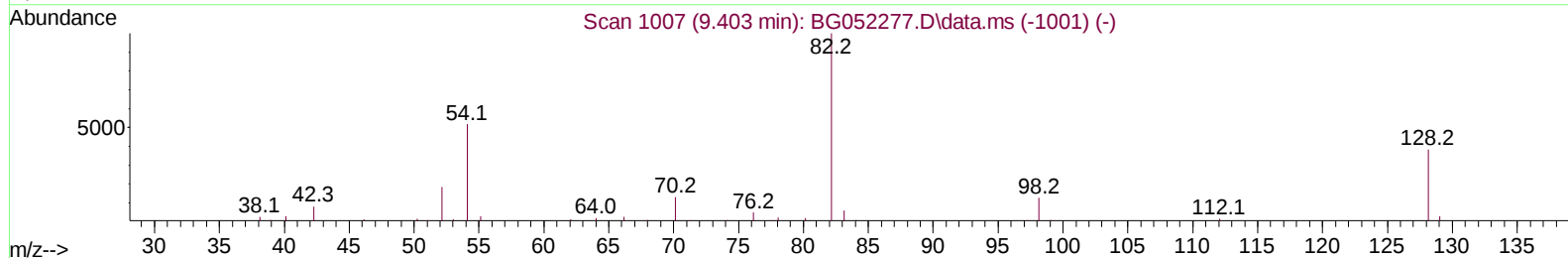
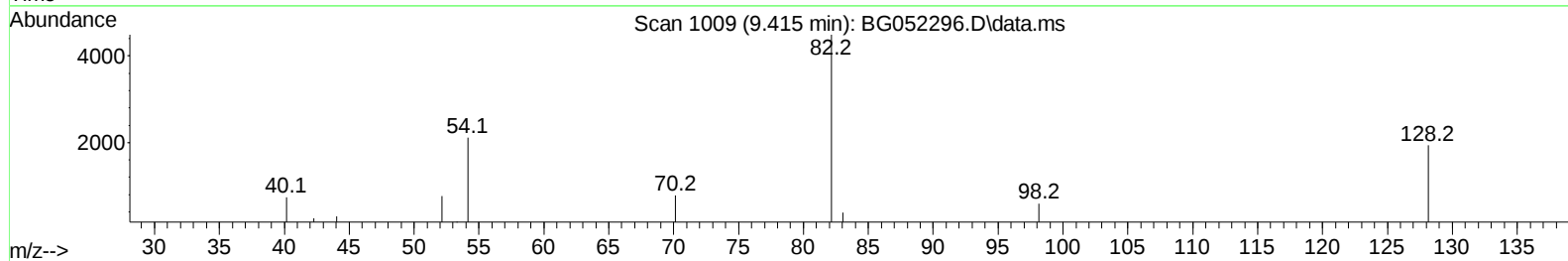
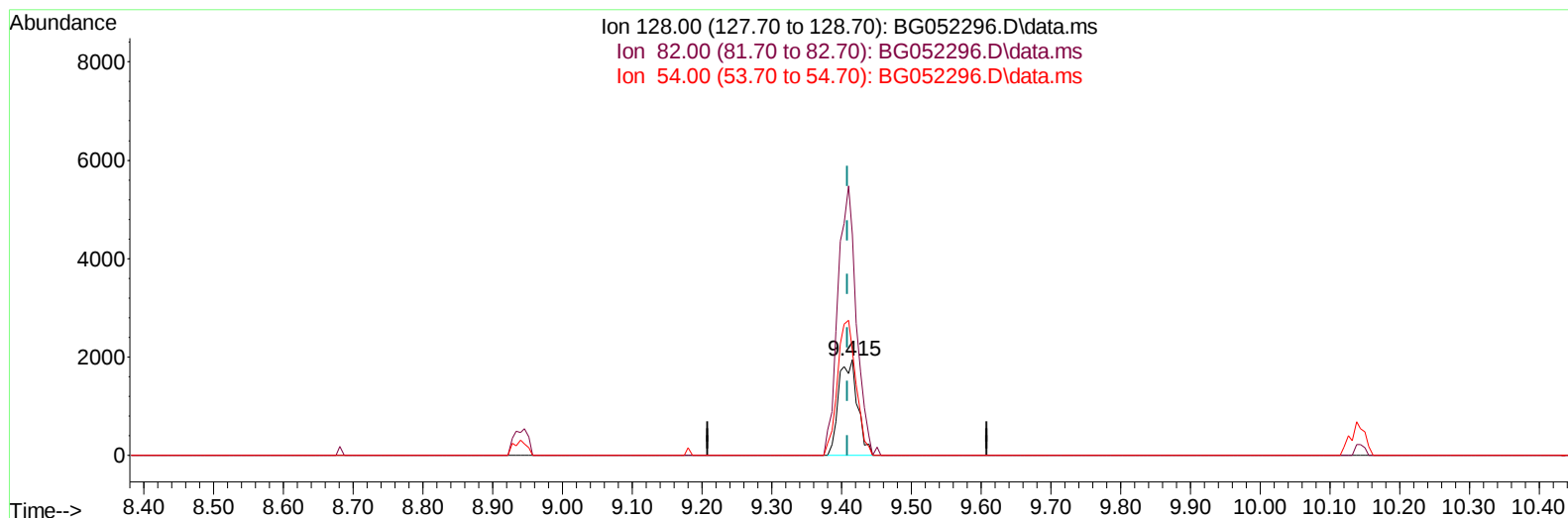
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG020322\  
Data File : BG052296.D  
Acq On : 4 Feb 2022 11:38  
Operator : CG/JU  
Sample : N1349-05DL 10X  
Misc :  
ALS Vial : 37 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
C0HP4DL

## Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 02/07/2022  
Supervised By :Yogesh Patel 02/08/2022

Quant Time: Feb 04 22:52:54 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG013122.M  
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TIC: BG052296.D\data.ms

## (21) Nitrobenzene-d5 (S)

9.415min (+ 0.006) 3.28 ng/ul m

response 3641

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 128.00 | 100.00 | 100.00 |
| 82.00  | 265.30 | 231.53 |
| 54.00  | 131.10 | 109.44 |
| 0.00   | 0.00   | 0.00   |

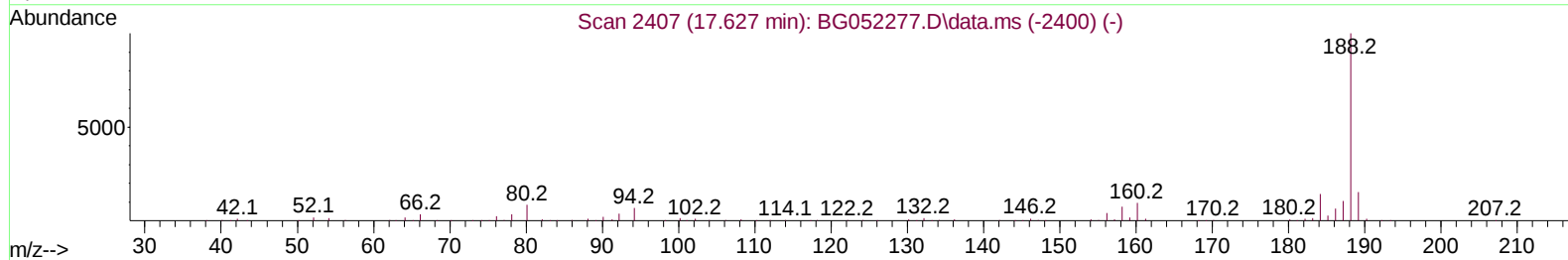
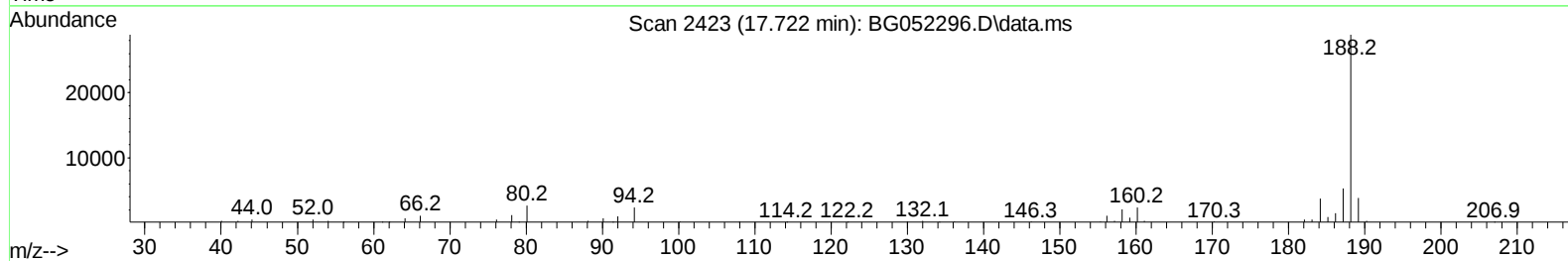
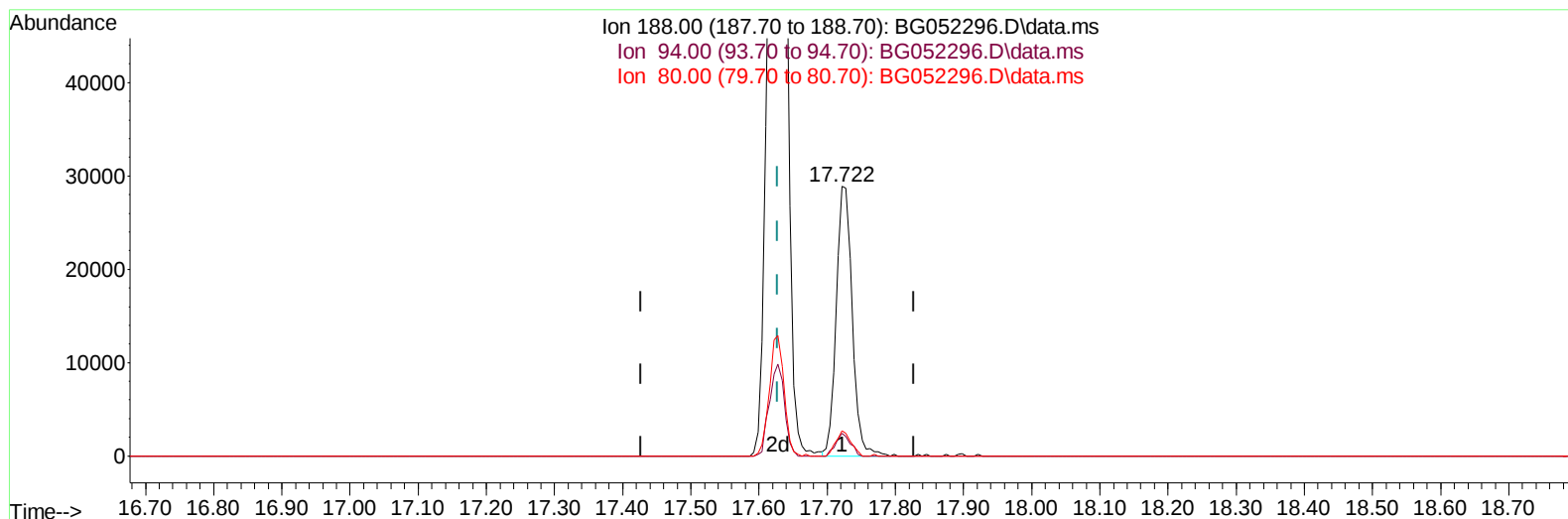
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG020322\  
Data File : BG052296.D  
Acq On : 4 Feb 2022 11:38  
Operator : CG/JU  
Sample : N1349-05DL 10X  
Misc :  
ALS Vial : 37 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
C0HP4DL

Manual IntegrationsAPPROVED

Quant Time: Feb 04 22:52:54 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG013122.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Mon Jan 31 18:07:10 2022  
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 02/07/2022  
Supervised By :Yogesh Patel 02/08/2022



TIC: BG052296.D\data.ms

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

17.722min (+ 0.095) 20.00 ng/u1

response 46655

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 188.00 | 100.00 | 100.00 |
| 94.00  | 9.50   | 8.40   |
| 80.00  | 11.40  | 9.42   |
| 0.00   | 0.00   | 0.00   |

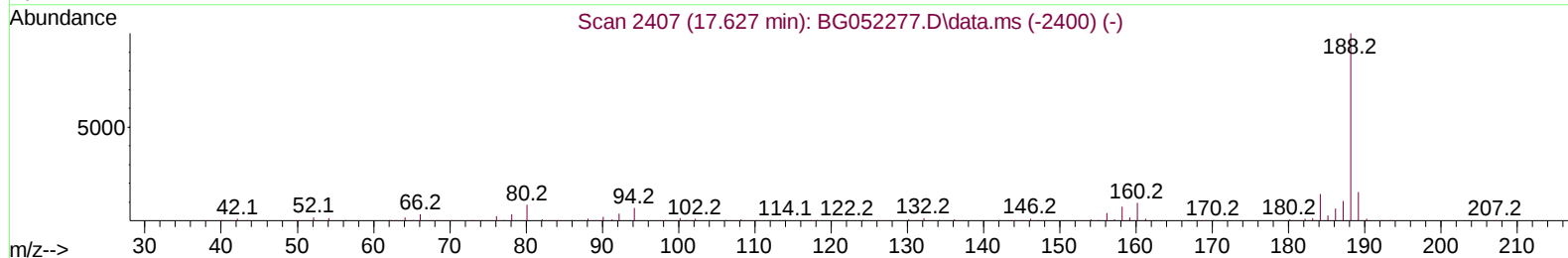
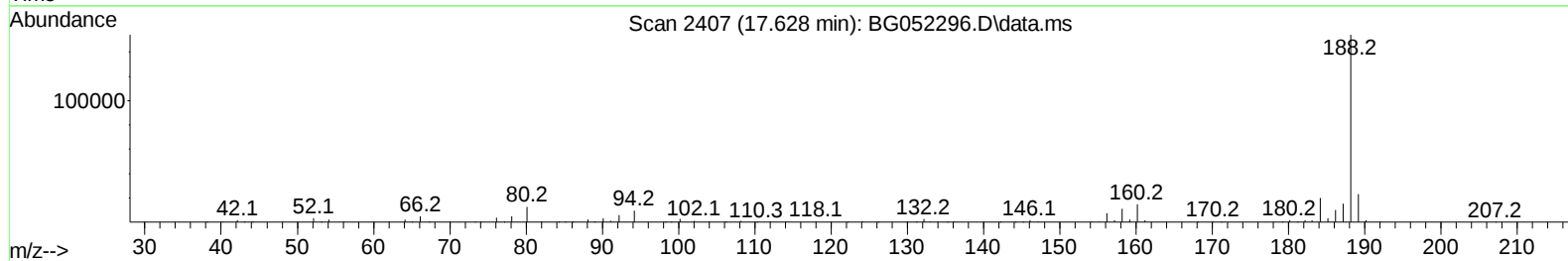
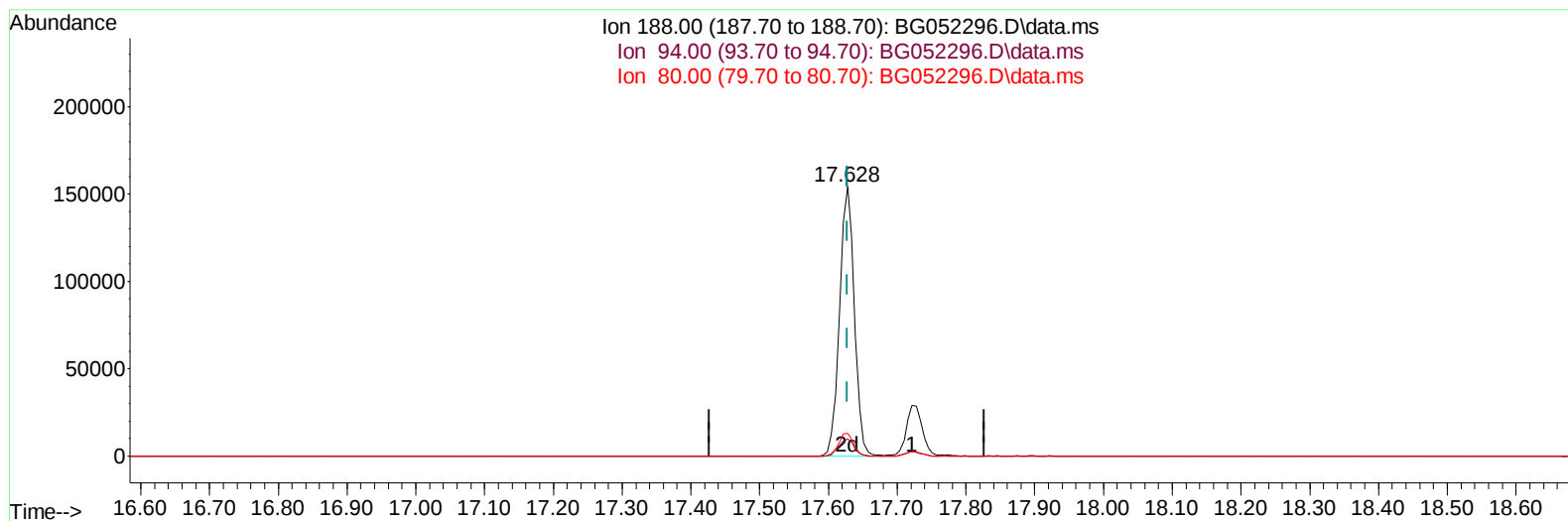
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG020322\  
Data File : BG052296.D  
Acq On : 4 Feb 2022 11:38  
Operator : CG/JU  
Sample : N1349-05DL 10X  
Misc :  
ALS Vial : 37 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
C0HP4DL

Manual IntegrationsAPPROVED

Quant Time: Feb 04 22:52:54 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG013122.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Mon Jan 31 18:07:10 2022  
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 02/07/2022  
Supervised By :Yogesh Patel 02/08/2022



TIC: BG052296.D\data.ms

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

17.628min (+ 0.001) 20.00 ng/ul m

response 230186

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 188.00 | 100.00 | 100.00 |
| 94.00  | 9.50   | 6.37#  |
| 80.00  | 11.40  | 8.38#  |
| 0.00   | 0.00   | 0.00   |

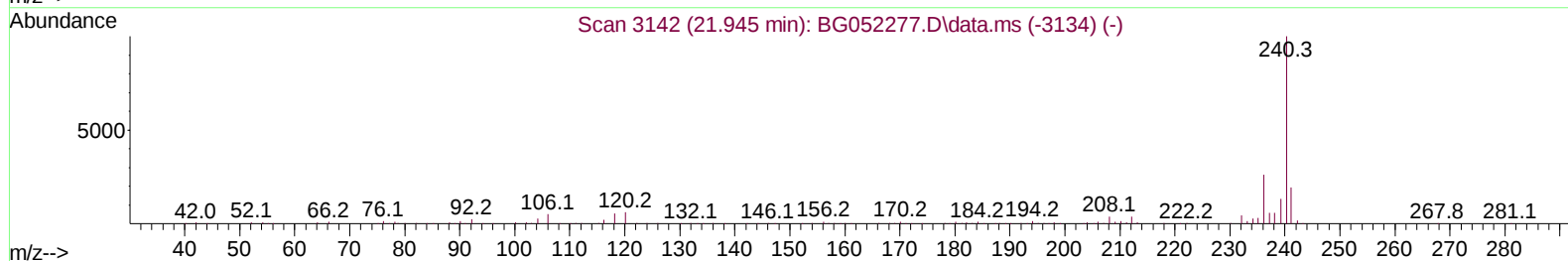
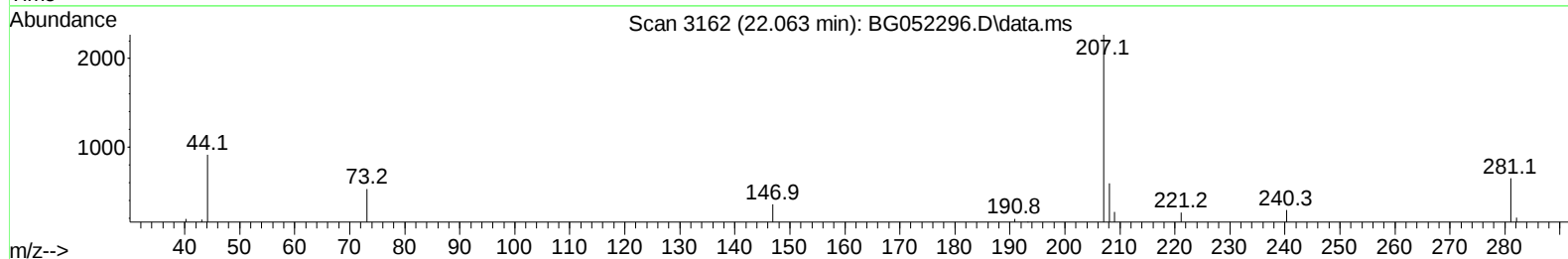
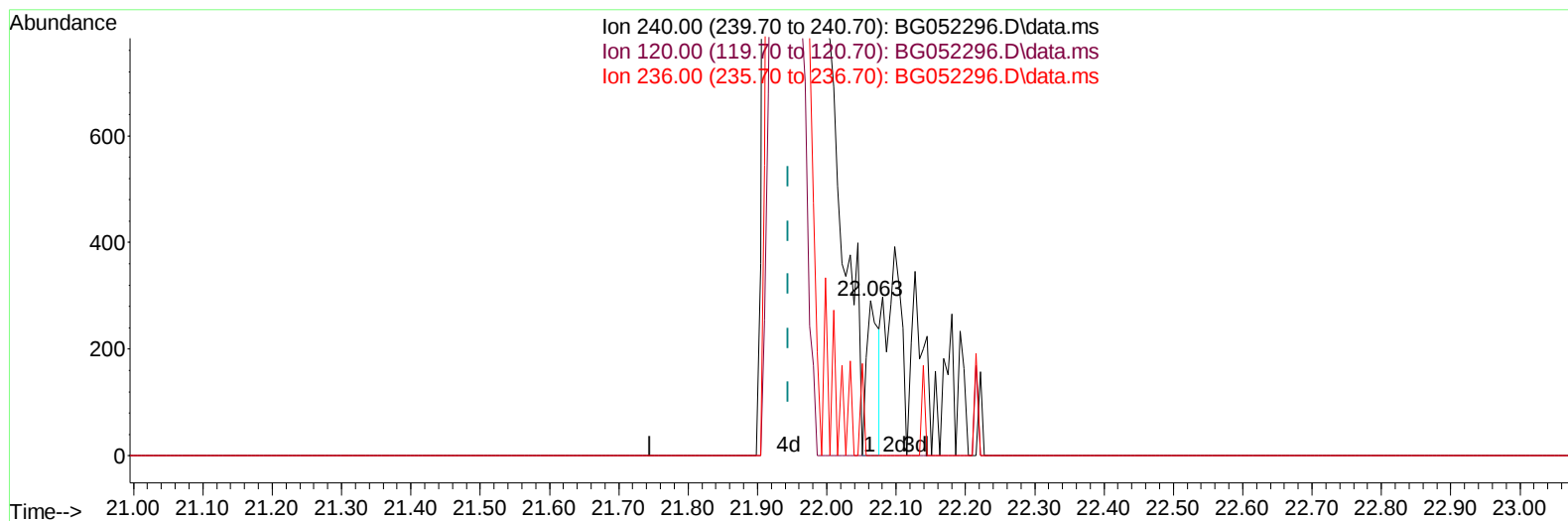
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG020322\  
 Data File : BG052296.D  
 Acq On : 4 Feb 2022 11:38  
 Operator : CG/JU  
 Sample : N1349-05DL 10X  
 Misc :  
 ALS Vial : 37 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 C0HP4DL

Manual IntegrationsAPPROVED

Quant Time: Feb 04 22:52:54 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG013122.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Jan 31 18:07:10 2022  
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TIC: BG052296.D\data.ms

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

**22.063min (+ 0.118) 20.00 ng/u1**

**response 339**

| 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   |

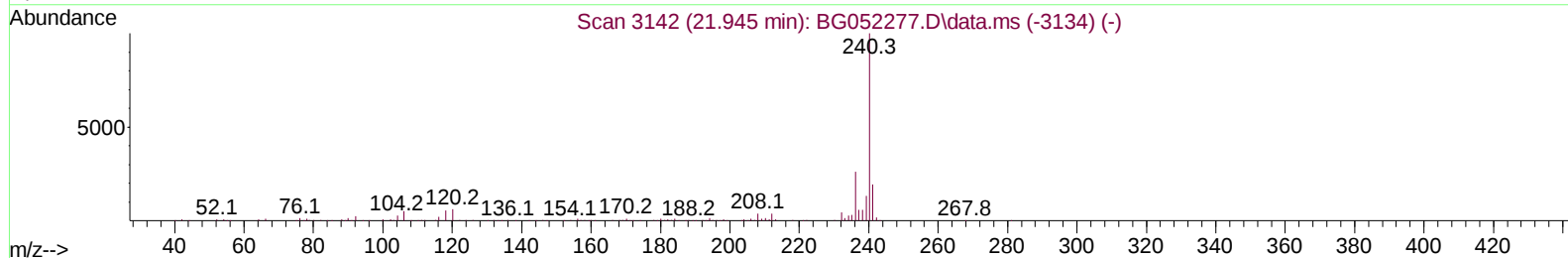
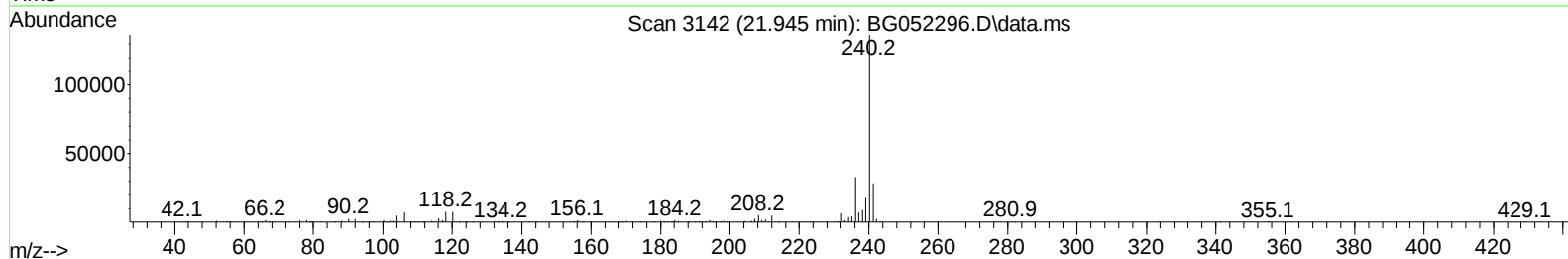
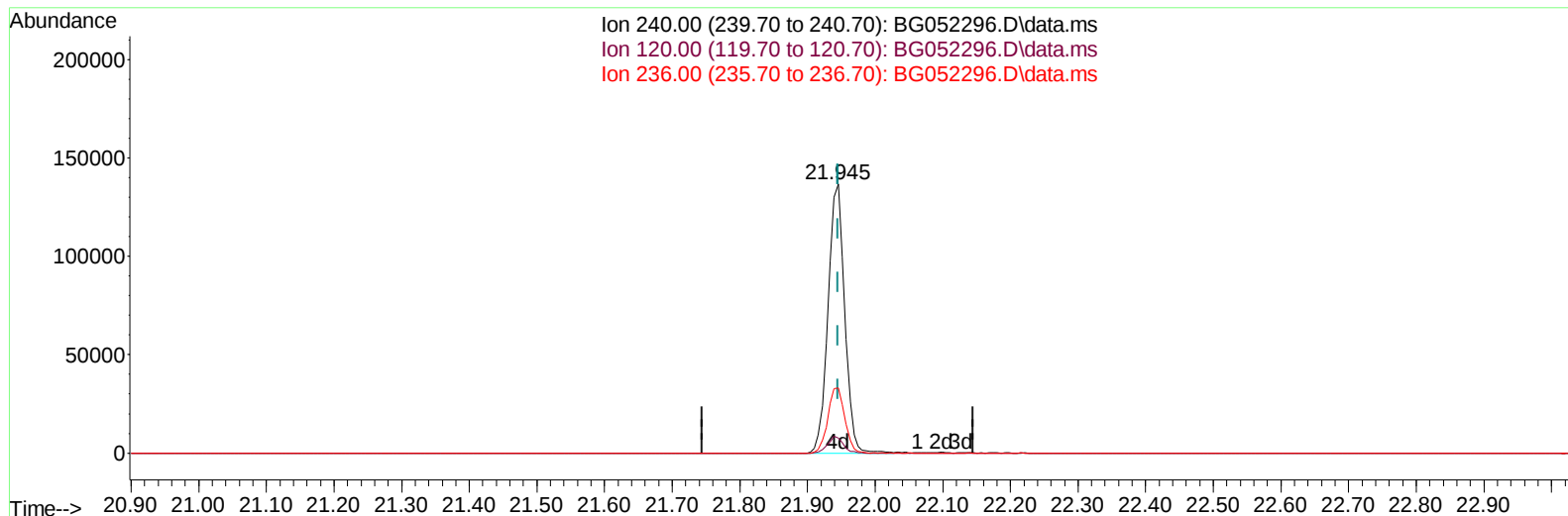
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG020322\  
 Data File : BG052296.D  
 Acq On : 4 Feb 2022 11:38  
 Operator : CG/JU  
 Sample : N1349-05DL 10X  
 Misc :  
 ALS Vial : 37 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 C0HP4DL

Manual IntegrationsAPPROVED

Quant Time: Feb 04 22:52:54 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG013122.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Jan 31 18:07:10 2022  
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 02/07/2022  
 Supervised By :Yogesh Patel 02/08/2022



TIC: BG052296.D\data.ms

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

21.945min (+ 0.001) 20.00 ng/ul m

response 232332

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 240.00 | 100.00 | 100.00 |
| 120.00 | 9.50   | 5.47#  |
| 236.00 | 26.70  | 24.11  |
| 0.00   | 0.00   | 0.00   |

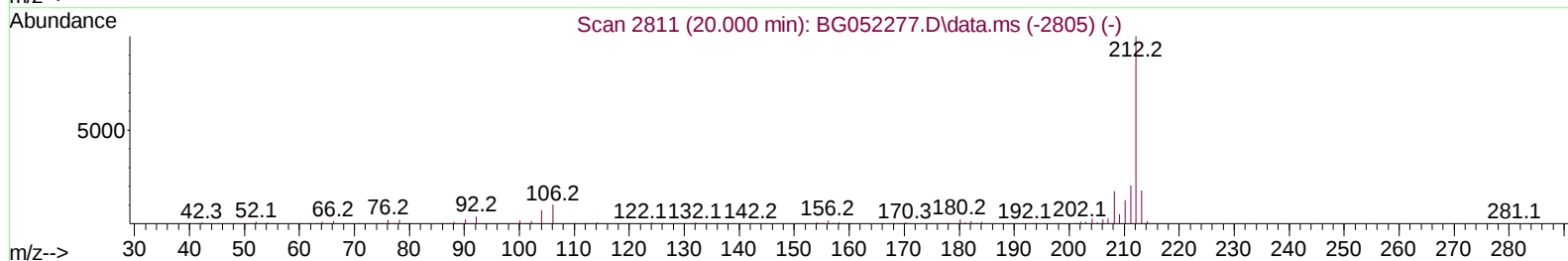
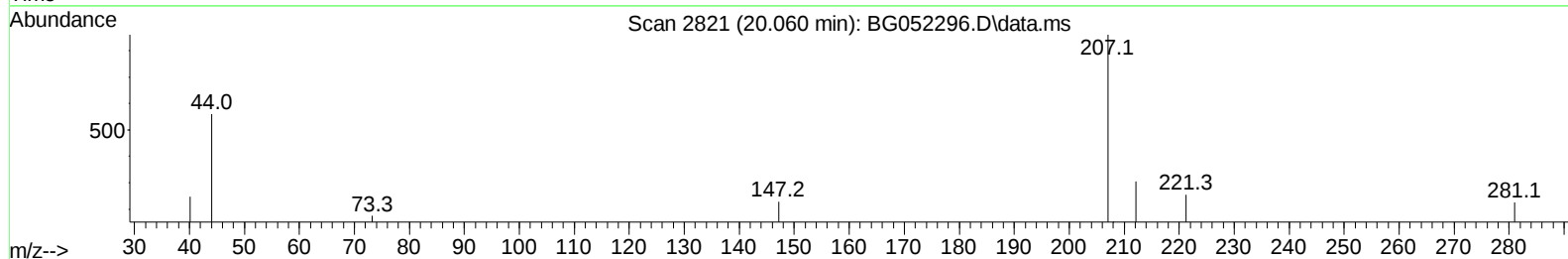
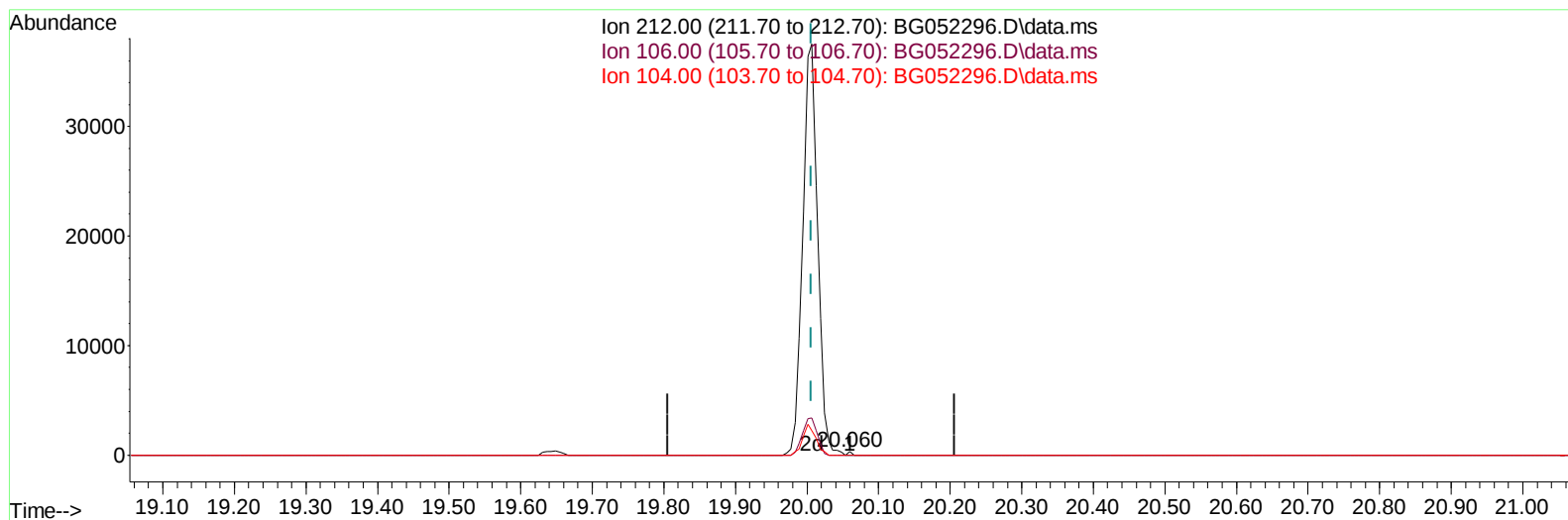
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG020322\  
 Data File : BG052296.D  
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 Operator : CG/JU  
 Sample : N1349-05DL 10X  
 Misc :  
 ALS Vial : 37 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 C0HP4DL

Manual IntegrationsAPPROVED

Quant Time: Feb 04 22:52:54 2022  
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TIC: BG052296.D\data.ms

**(81) Pyrene-d10 (S)**

**20.060min (+ 0.053) 0.01 ng/u1**

**response 107**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 212.00 | 100.00 | 100.00 |
| 106.00 | 14.20  | 0.00#  |
| 104.00 | 9.50   | 0.00#  |
| 0.00   | 0.00   | 0.00   |

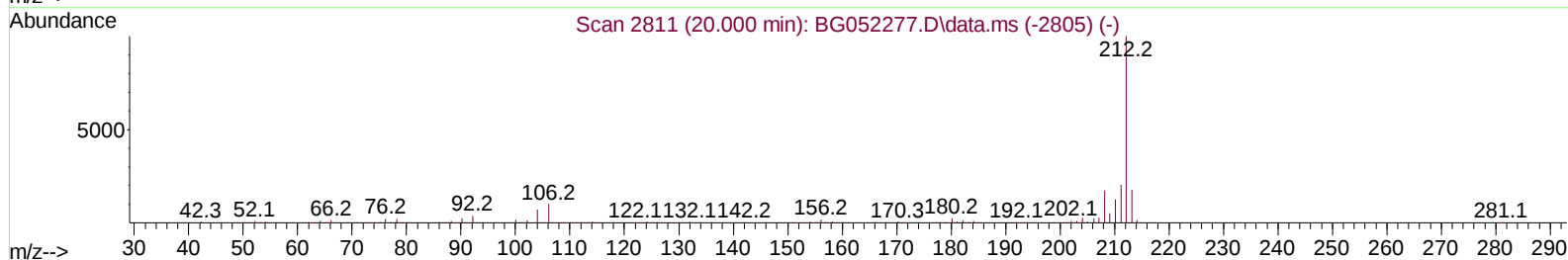
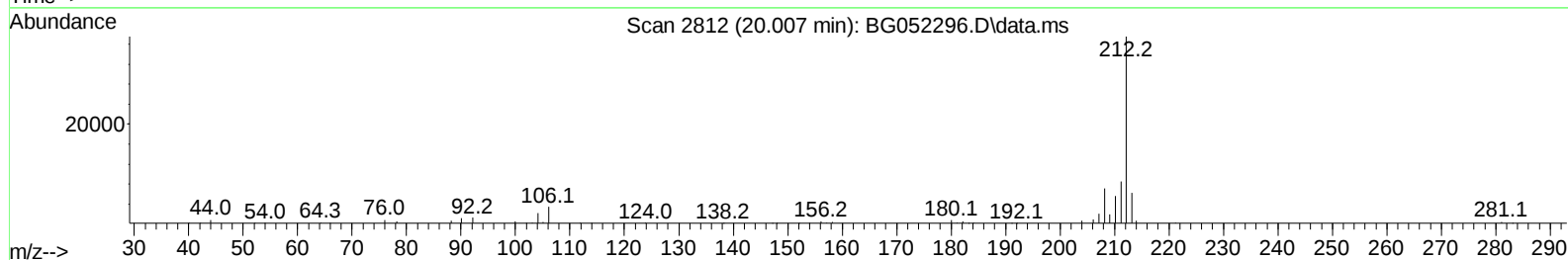
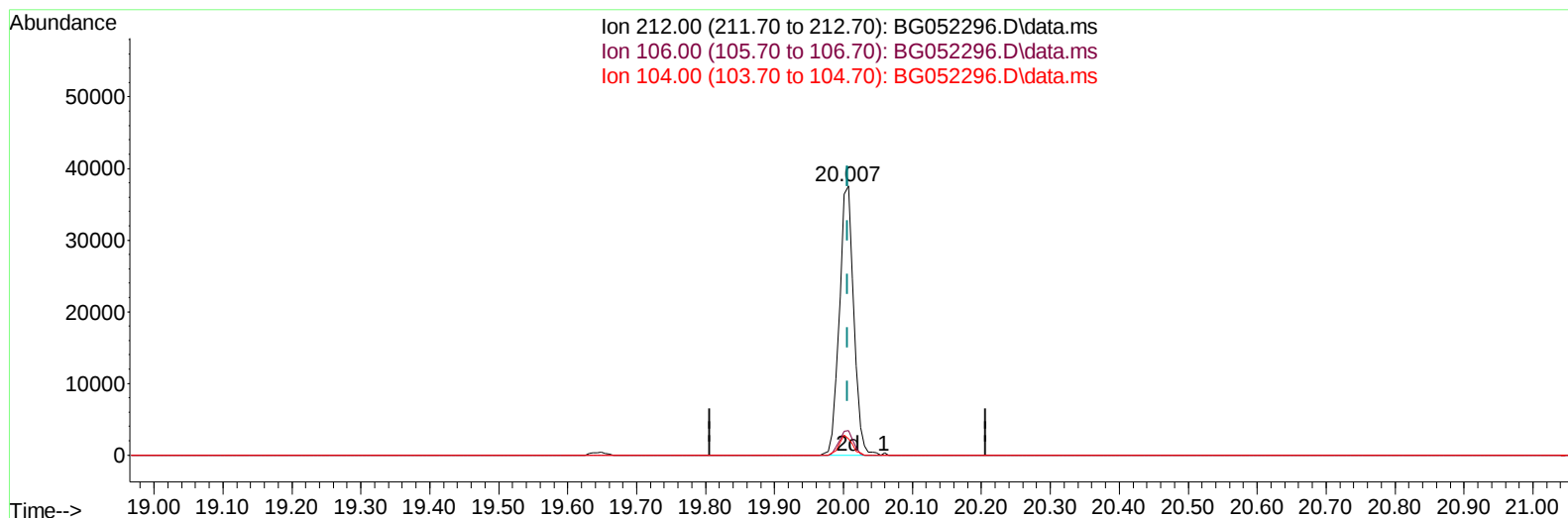
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG020322\  
Data File : BG052296.D  
Acq On : 4 Feb 2022 11:38  
Operator : CG/JU  
Sample : N1349-05DL 10X  
Misc :  
ALS Vial : 37 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
C0HP4DL

Manual IntegrationsAPPROVED

Quant Time: Feb 04 22:52:54 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG013122.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Mon Jan 31 18:07:10 2022  
Response via : Initial Calibration

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Supervised By :Yogesh Patel 02/08/2022



TIC: BG052296.D\data.ms

**(81) Pyrene-d10 (S)**

**20.007min (+ 0.001) 3.89 ng/ul m**

**response 54204**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 212.00 | 100.00 | 100.00 |
| 106.00 | 14.20  | 9.05#  |
| 104.00 | 9.50   | 5.99#  |
| 0.00   | 0.00   | 0.00   |

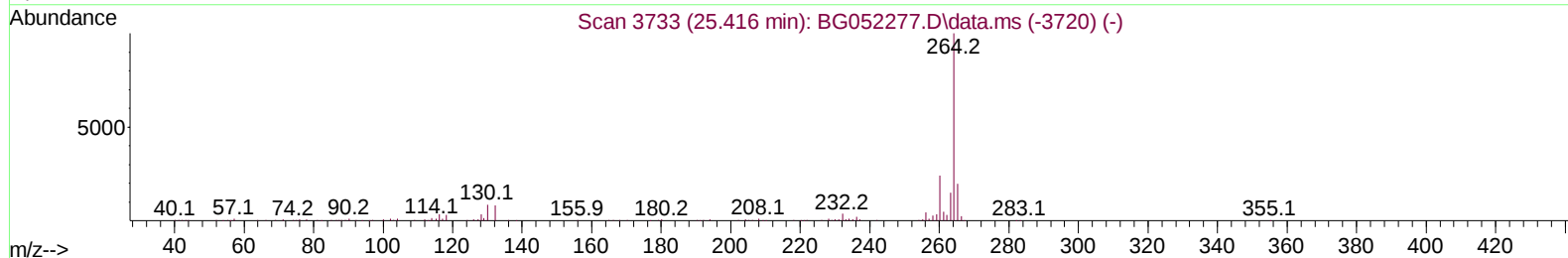
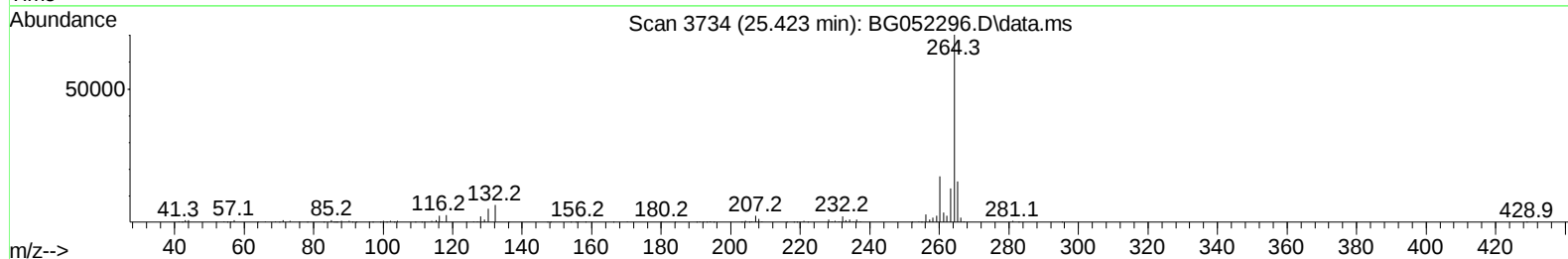
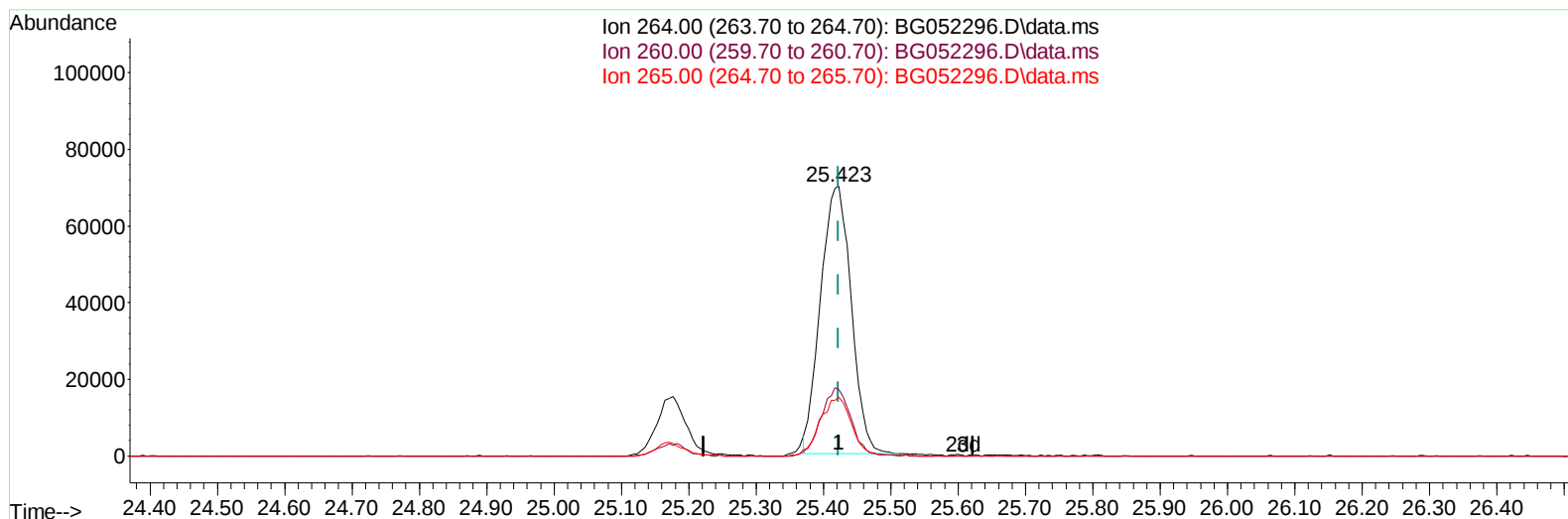
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG020322\  
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 Misc :  
 ALS Vial : 37 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 C0HP4DL

Manual IntegrationsAPPROVED

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 Supervised By :Yogesh Patel 02/08/2022



TIC: BG052296.D\data.ms

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

25.423min (+ 0.001) 20.00 ng/u1

response 220788

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 264.00 | 100.00 | 100.00 |
| 260.00 | 24.50  | 24.73  |
| 265.00 | 22.60  | 21.83  |
| 0.00   | 0.00   | 0.00   |

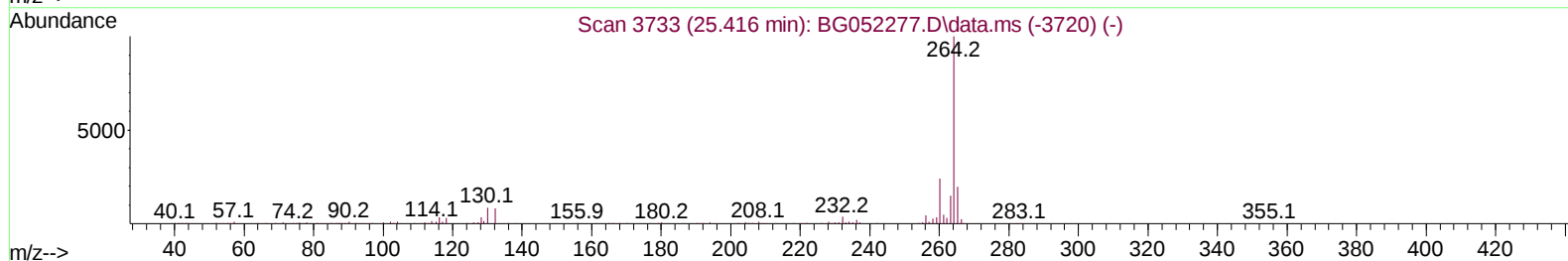
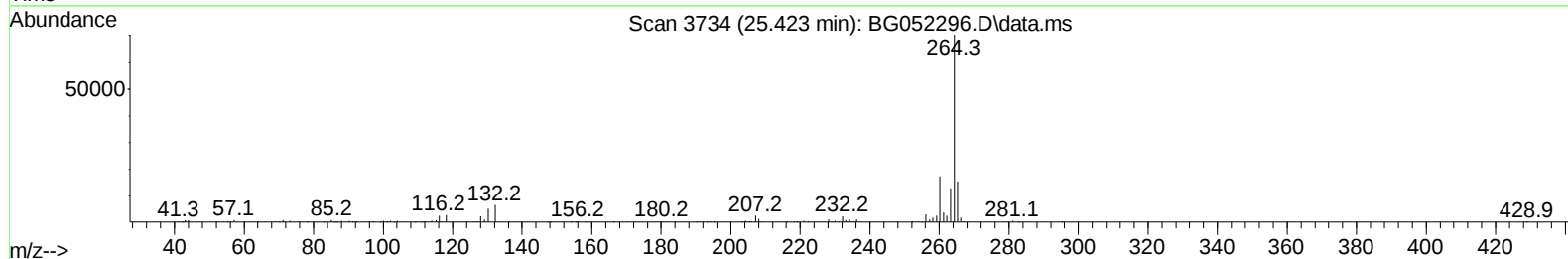
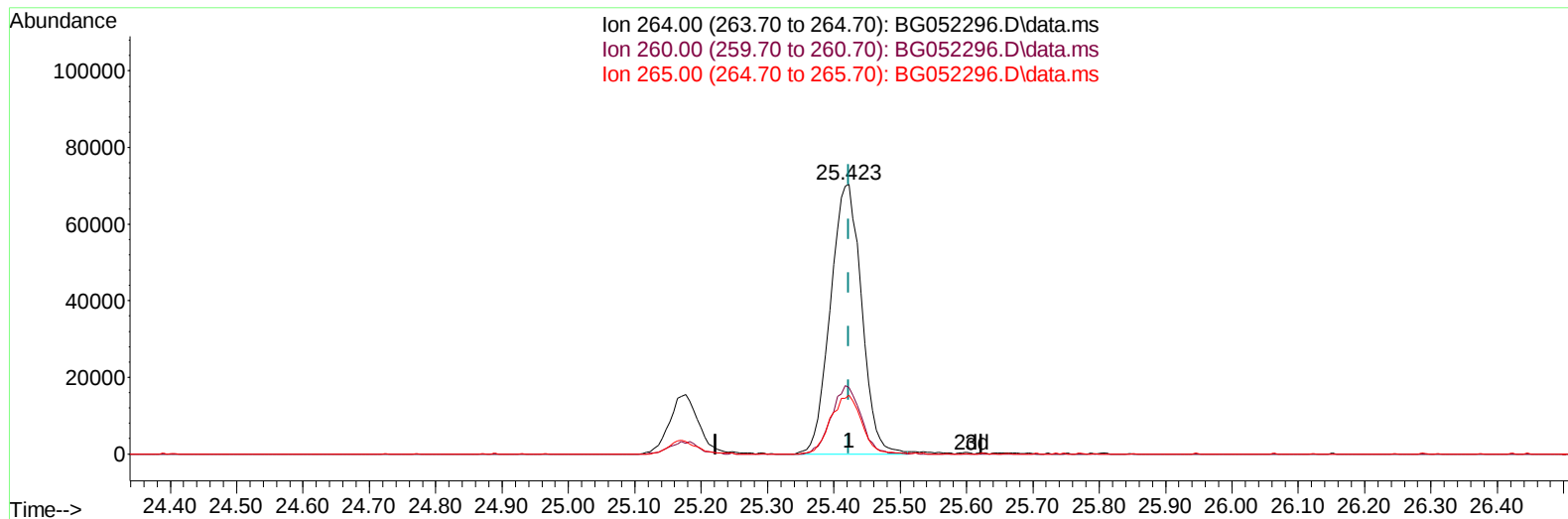
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG020322\  
 Data File : BG052296.D  
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 Misc :  
 ALS Vial : 37 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 C0HP4DL

Manual IntegrationsAPPROVED

Quant Time: Feb 04 22:52:54 2022  
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 Supervised By :Yogesh Patel 02/08/2022



TIC: BG052296.D\data.ms

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

25.423min (+ 0.001) 20.00 ng/ul m

response 229128

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 264.00 | 100.00 | 100.00 |
| 260.00 | 24.50  | 24.73  |
| 265.00 | 22.60  | 21.83  |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG020322\  
 Data File : BG052296.D  
 Acq On : 4 Feb 2022 11:38  
 Operator : CG/JU  
 Sample : N1349-05DL 10X  
 Misc :  
 ALS Vial : 37 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 C0HP4DL

## Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 02/07/2022  
 Supervised By :Yogesh Patel 02/08/2022

Quant Time: Feb 04 22:52:54 2022  
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 QLast Update : Mon Jan 31 18:07:10 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.235  | 152  | 33871    | 20.000 | ng/ul | 0.00     |
| 20) Naphthalene-d8            | 11.072 | 136  | 136139   | 20.000 | ng/ul | 0.00     |
| 38) Acenaphthene-d10          | 14.879 | 164  | 95760    | 20.000 | ng/ul | 0.00     |
| 64) Phenanthrene-d10          | 17.628 | 188  | 230186m  | 20.000 | ng/ul | 0.00     |
| 79) Chrysene-d12              | 21.945 | 240  | 232332m  | 20.000 | ng/ul | 0.00     |
| 88) Perylene-d12              | 25.423 | 264  | 229128m  | 20.000 | ng/ul | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 3) 1,4-Dioxane-d8             | 3.541  | 96   | 18069    | 21.522 | ng/uL | -0.02    |
| 4) Pyridine-d5                | 0.000  | 84   | 0d       | 0.000  | ng/ul |          |
| 7) Phenol-d5                  | 7.383  | 99   | 2287     | 0.742  | ng/ul | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.541  | 67   | 6670     | 3.564  | ng/ul | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.759  | 132  | 5485     | 2.555  | ng/ul | 0.00     |
| 15) 4-Methylphenol-d8         | 8.940  | 113  | 3830     | 1.638  | ng/ul | 0.00     |
| 21) Nitrobenzene-d5           | 9.415  | 128  | 3641m    | 3.285  | ng/ul | 0.00     |
| 24) 2-Nitrophenol-d4          | 10.144 | 143  | 3717     | 3.069  | ng/ul | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.690 | 165  | 6319     | 2.676  | ng/ul | 0.00     |
| 31) 4-Chloroaniline-d4        | 11.201 | 131  | 7802     | 2.605  | ng/ul | 0.00     |
| 46) Dimethylphthalate-d6      | 14.268 | 166  | 27429    | 3.644  | ng/ul | 0.00     |
| 49) Acenaphthylene-d8         | 14.573 | 160  | 34255    | 3.651  | ng/ul | 0.00     |
| 54) 4-Nitrophenol-d4          | 0.000  | 143  | 0        | 0.000  | ng/ul |          |
| 60) Fluorene-d10              | 15.871 | 176  | 25897    | 3.927  | ng/ul | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 0.000  | 200  | 0d       | 0.000  | ng/ul |          |
| 73) Anthracene-d10            | 17.722 | 188  | 46655    | 4.299  | ng/ul | 0.00     |
| 81) Pyrene-d10                | 20.007 | 212  | 54204m   | 3.893  | ng/ul | 0.00     |
| 92) Benzo(a)pyrene-d12        | 25.176 | 264  | 47051    | 3.865  | ng/ul | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
| 2) 1,4-Dioxane                | 3.600  | 88   | 12747m   | 13.621 | ng/uL | Qvalue   |
| -----                         |        |      |          |        |       |          |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG020322\  
Data File : BG052296.D  
Acq On : 4 Feb 2022 11:38  
Operator : CG/JU  
Sample : N1349-05DL 10X  
Misc :  
ALS Vial : 37 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
C0HP4DL

Manual IntegrationsAPPROVED

Quant Time: Feb 04 22:52:54 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG013122.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Mon Jan 31 18:07:10 2022  
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 02/07/2022  
Supervised By :Yogesh Patel 02/08/2022

