

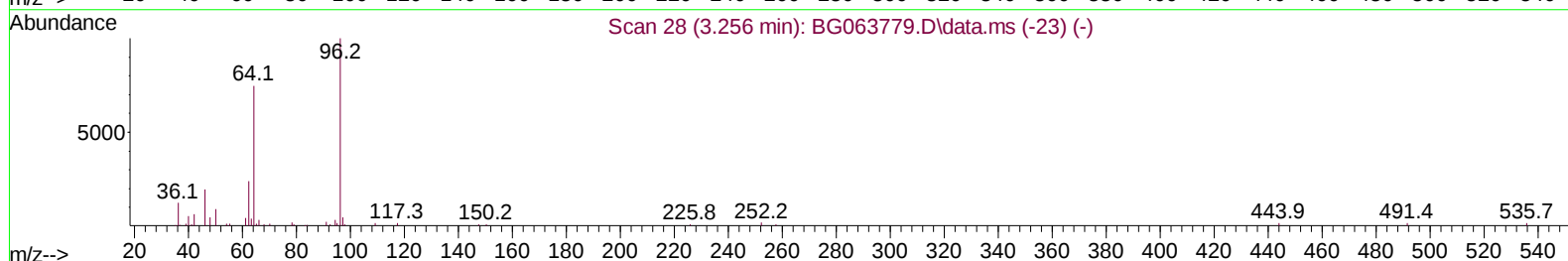
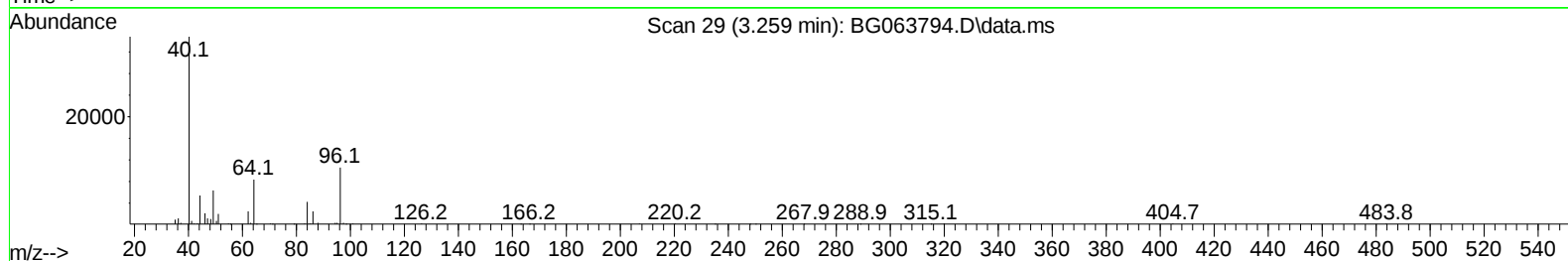
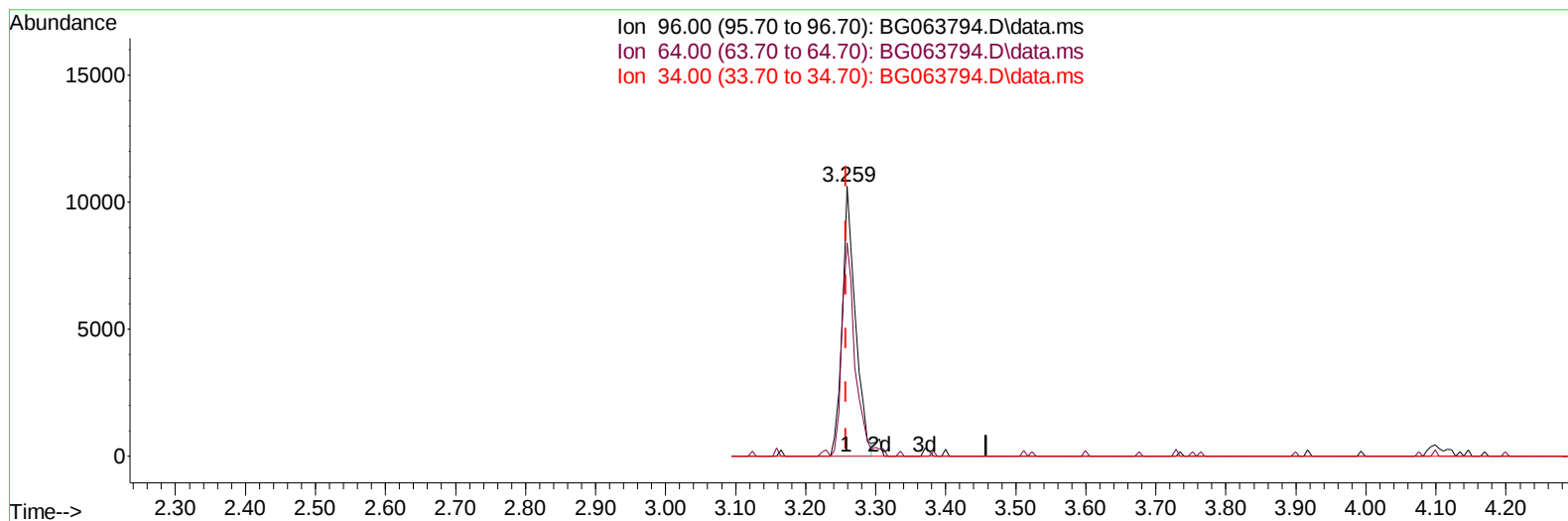
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG122324\  
Data File : BG063794.D  
Acq On : 23 Dec 2024 21:59  
Operator : RC/JU  
Sample : P5353-01  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
E2927

## Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/24/2024  
Supervised By :mohammad ahmed 12/26/2024

Quant Time: Dec 24 00:48:57 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG121124.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue Dec 24 00:44:39 2024  
Response via : Initial Calibration



TIC: BG063794.D\data.ms

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

3.259min (+ 0.001) 7.47 ng/uL

response 14073

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 96.00 | 100.00 | 100.00 |
| 64.00 | 82.80  | 79.04  |
| 34.00 | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

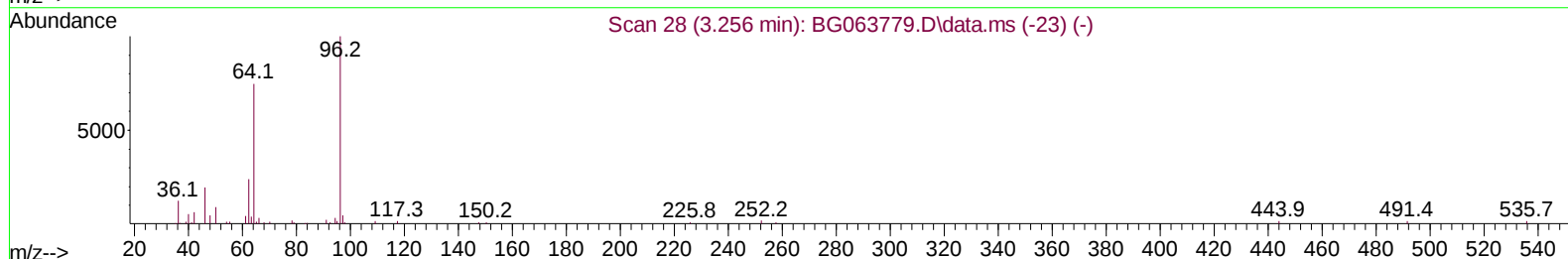
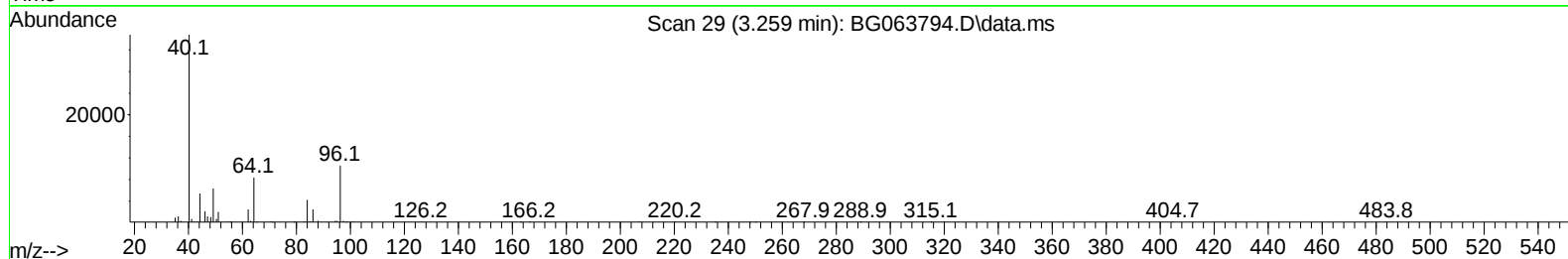
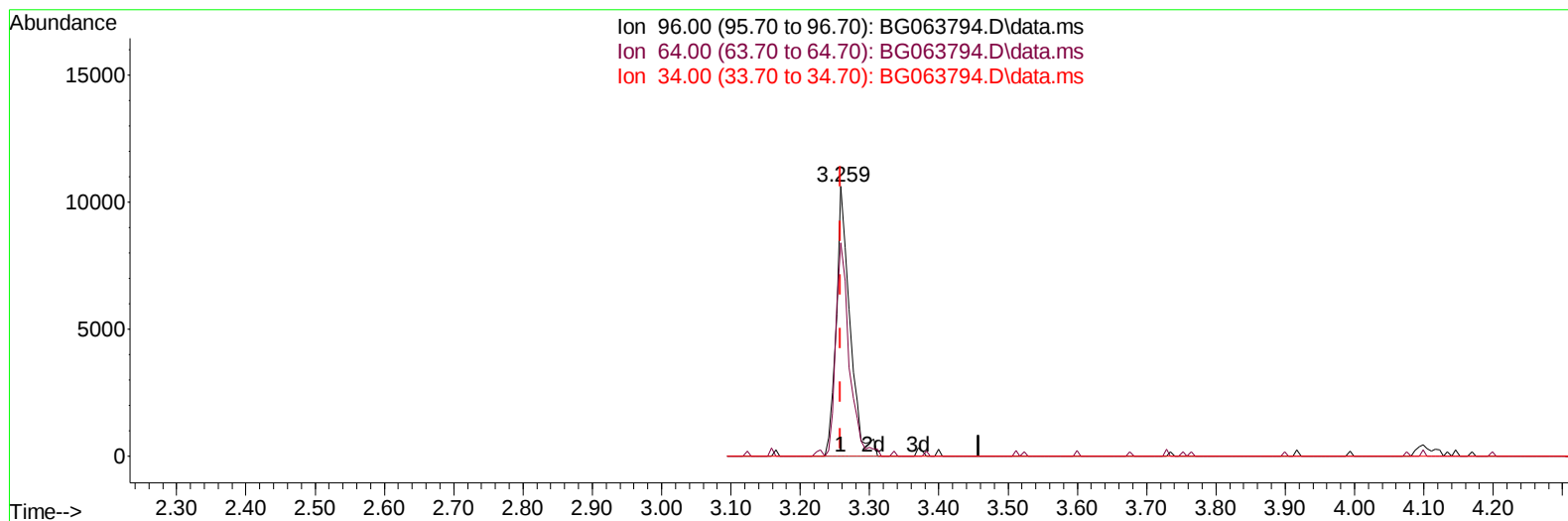
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG122324\  
Data File : BG063794.D  
Acq On : 23 Dec 2024 21:59  
Operator : RC/JU  
Sample : P5353-01  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
E2927

## Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/24/2024  
Supervised By :mohammad ahmed 12/26/2024

Quant Time: Dec 24 00:48:57 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG121124.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue Dec 24 00:44:39 2024  
Response via : Initial Calibration



TIC: BG063794.D\data.ms

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

3.259min (+ 0.001) 7.70 ng/uL m

response 14505

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 96.00 | 100.00 | 100.00 |
| 64.00 | 82.80  | 79.04  |
| 34.00 | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

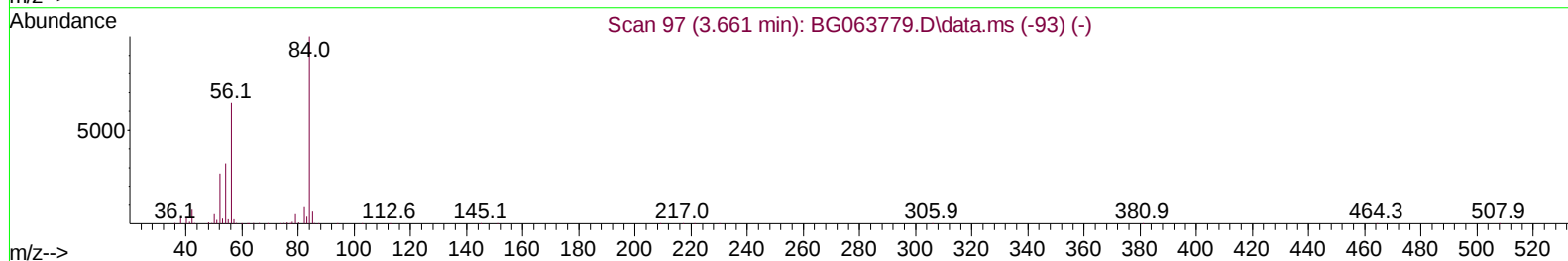
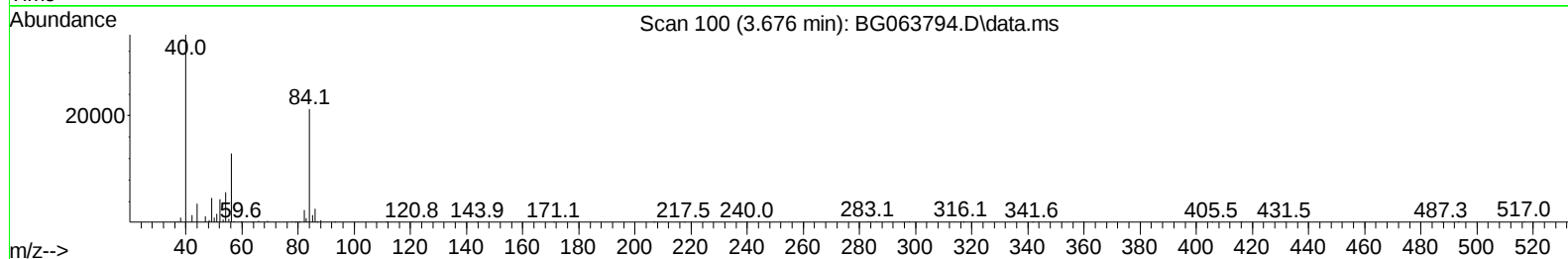
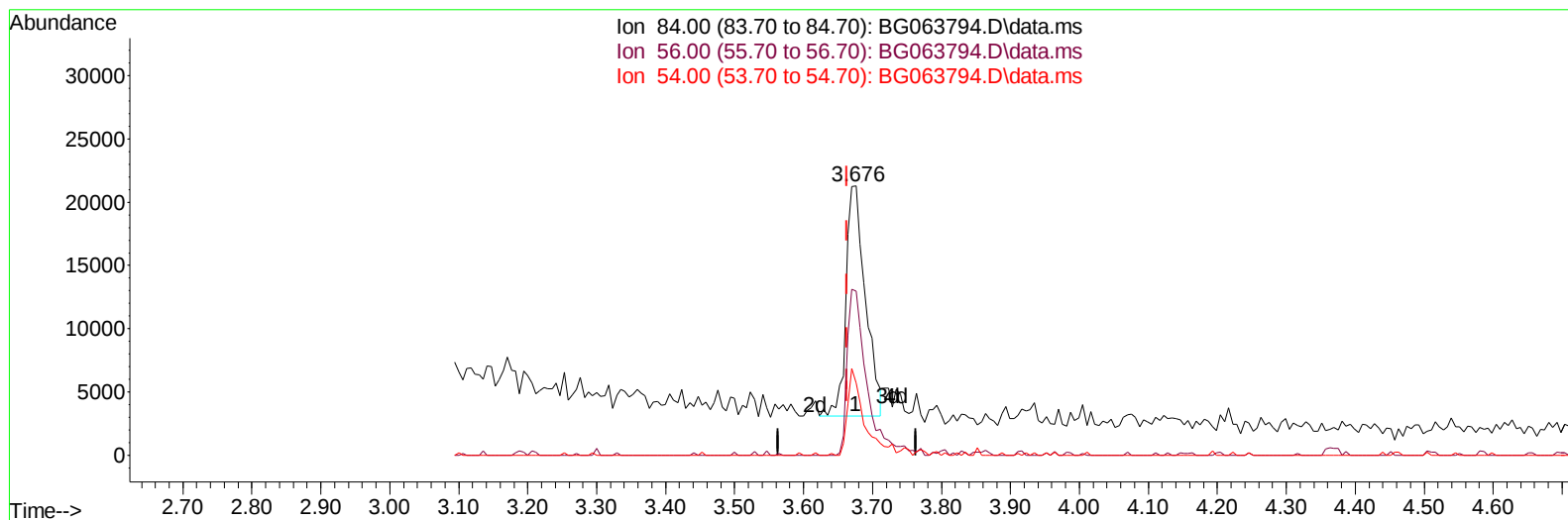
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG122324\  
Data File : BG063794.D  
Acq On : 23 Dec 2024 21:59  
Operator : RC/JU  
Sample : P5353-01  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
E2927

Manual IntegrationsAPPROVED

Quant Time: Dec 24 00:48:57 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG121124.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue Dec 24 00:44:39 2024  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/24/2024  
Supervised By :mohammad ahmed 12/26/2024



TIC: BG063794.D\data.ms

(4) Pyridine-d5 (S)

3.676min (+ 0.013) 5.96 ng/u1

response 35408

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 84.00 | 100.00 | 100.00 |
| 56.00 | 62.20  | 60.99  |
| 54.00 | 27.90  | 26.81  |
| 0.00  | 0.00   | 0.00   |

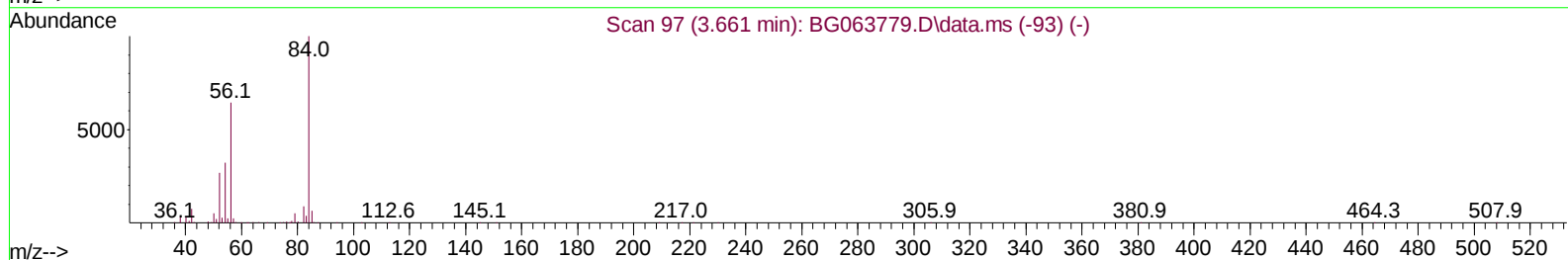
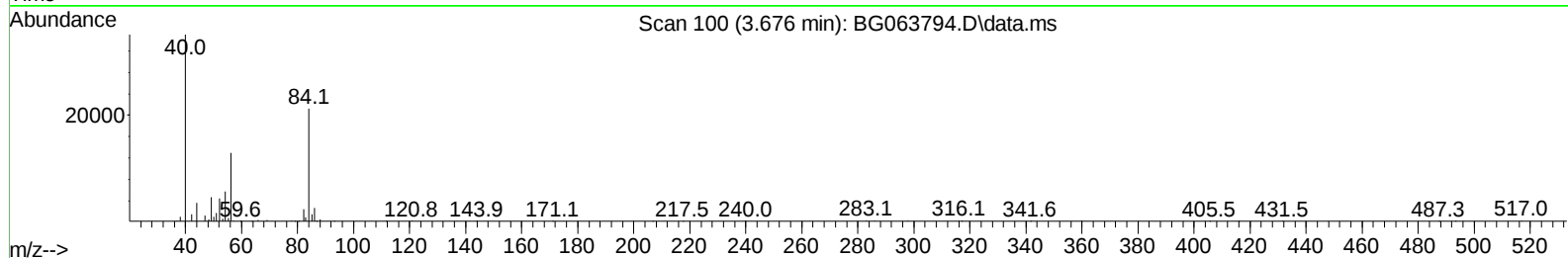
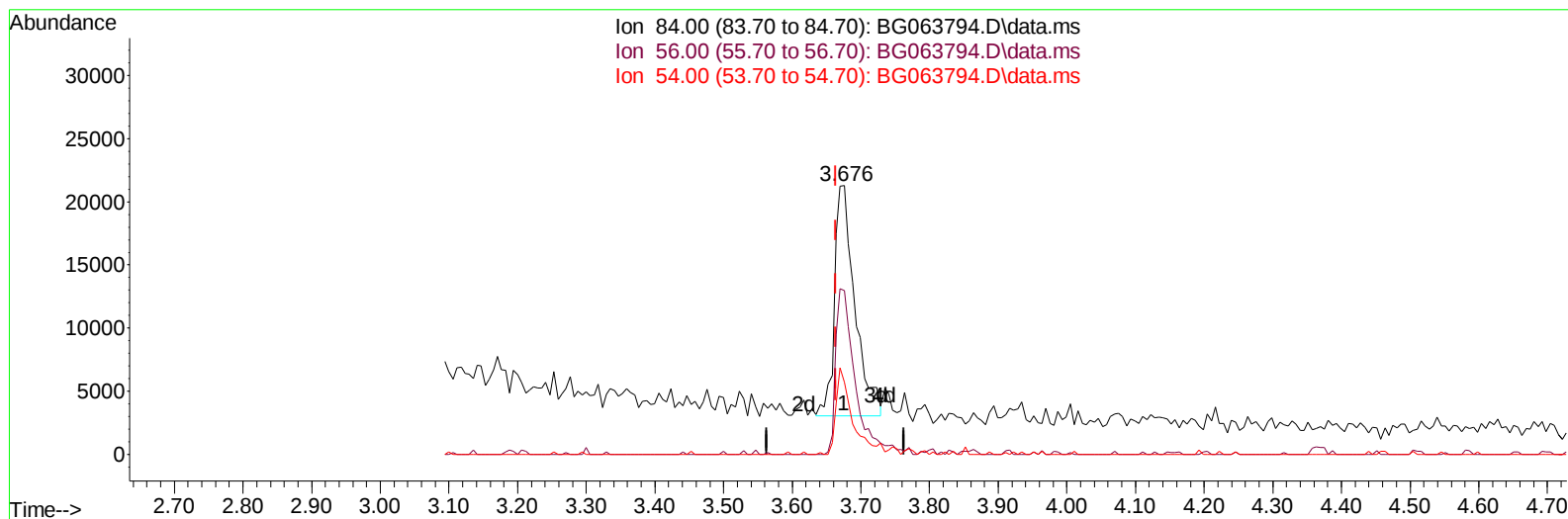
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG122324\  
Data File : BG063794.D  
Acq On : 23 Dec 2024 21:59  
Operator : RC/JU  
Sample : P5353-01  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
E2927

Manual IntegrationsAPPROVED

Quant Time: Dec 24 00:48:57 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG121124.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue Dec 24 00:44:39 2024  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/24/2024  
Supervised By :mohammad ahmed 12/26/2024



TIC: BG063794.D\data.ms

(4) Pyridine-d5 (S)

3.676min (+ 0.013) 6.29 ng/u1 m

response 37378

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 84.00 | 100.00 | 100.00 |
| 56.00 | 62.20  | 60.99  |
| 54.00 | 27.90  | 26.81  |
| 0.00  | 0.00   | 0.00   |

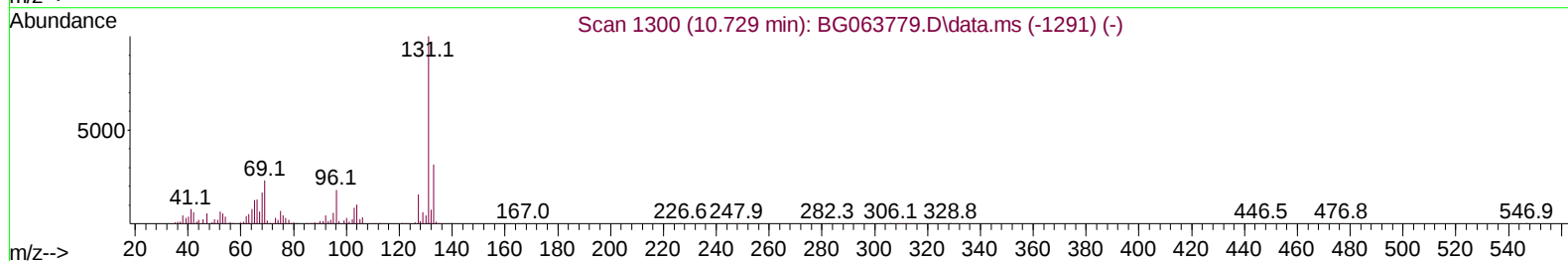
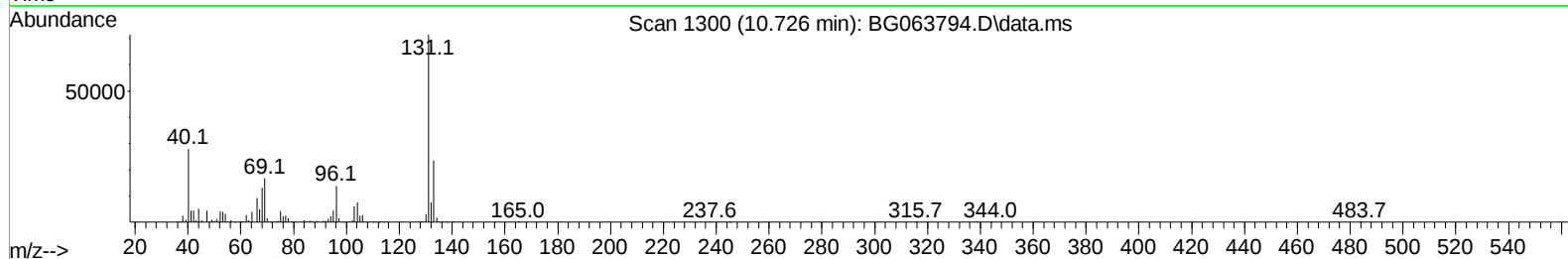
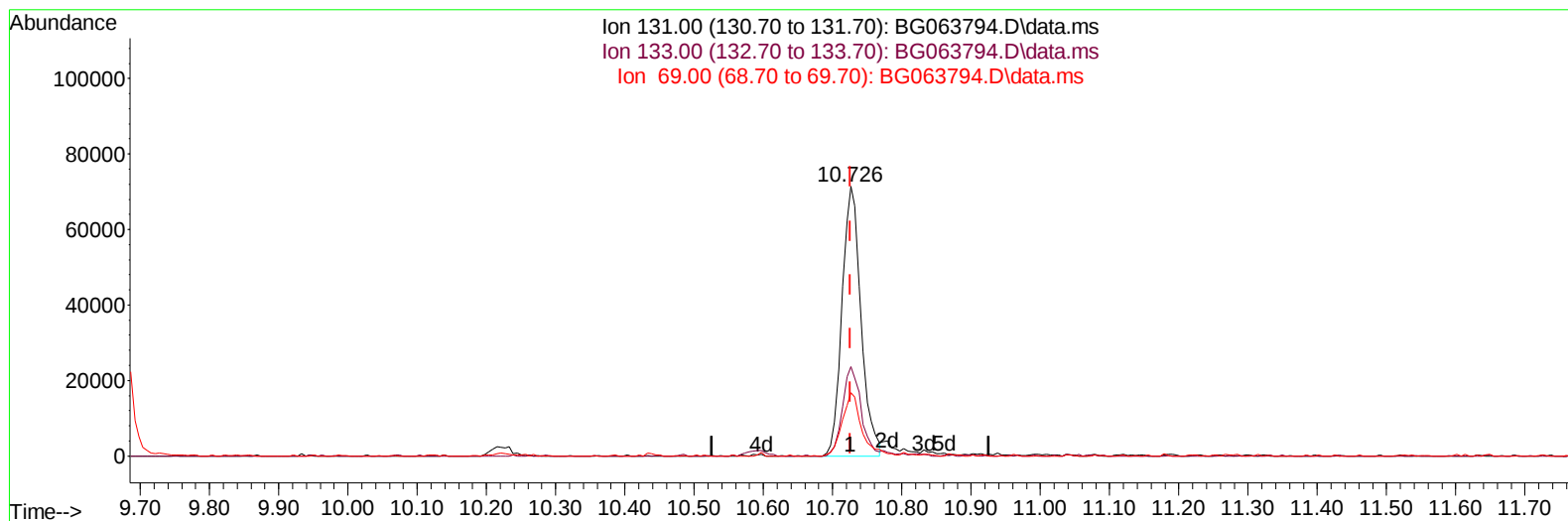
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG122324\  
Data File : BG063794.D  
Acq On : 23 Dec 2024 21:59  
Operator : RC/JU  
Sample : P5353-01  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
E2927

## Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/24/2024  
Supervised By :mohammad ahmed 12/26/2024

Quant Time: Dec 24 00:48:57 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG121124.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue Dec 24 00:44:39 2024  
Response via : Initial Calibration



TIC: BG063794.D\data.ms

## (31) 4-Chloroaniline-d4 (S)

10.726min (+ 0.001) 22.44 ng/u1

response 135899

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 131.00 | 100.00 | 100.00 |
| 133.00 | 32.30  | 33.18  |
| 69.00  | 23.80  | 23.41  |
| 0.00   | 0.00   | 0.00   |

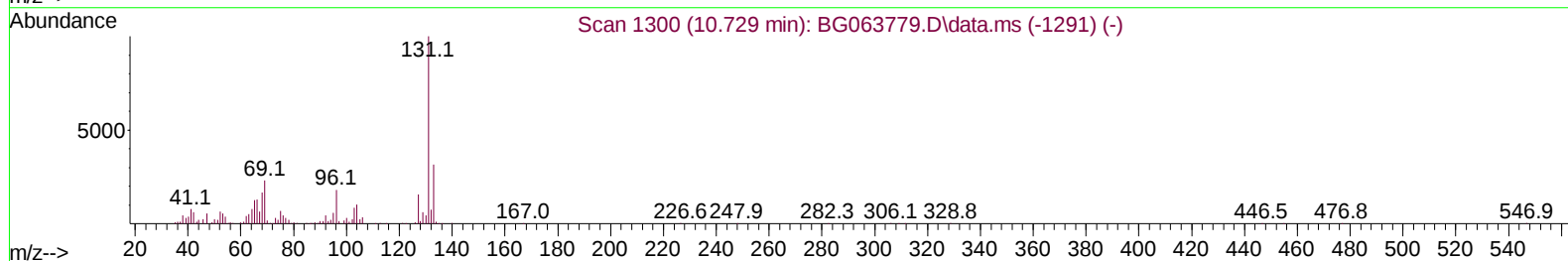
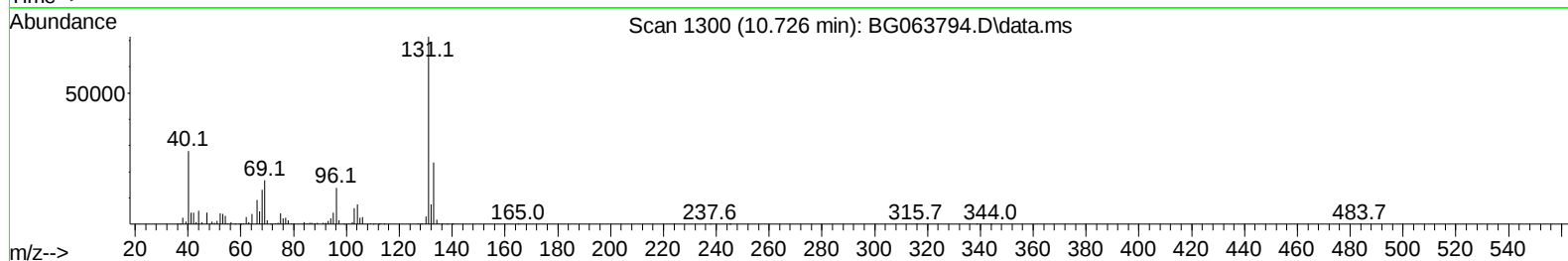
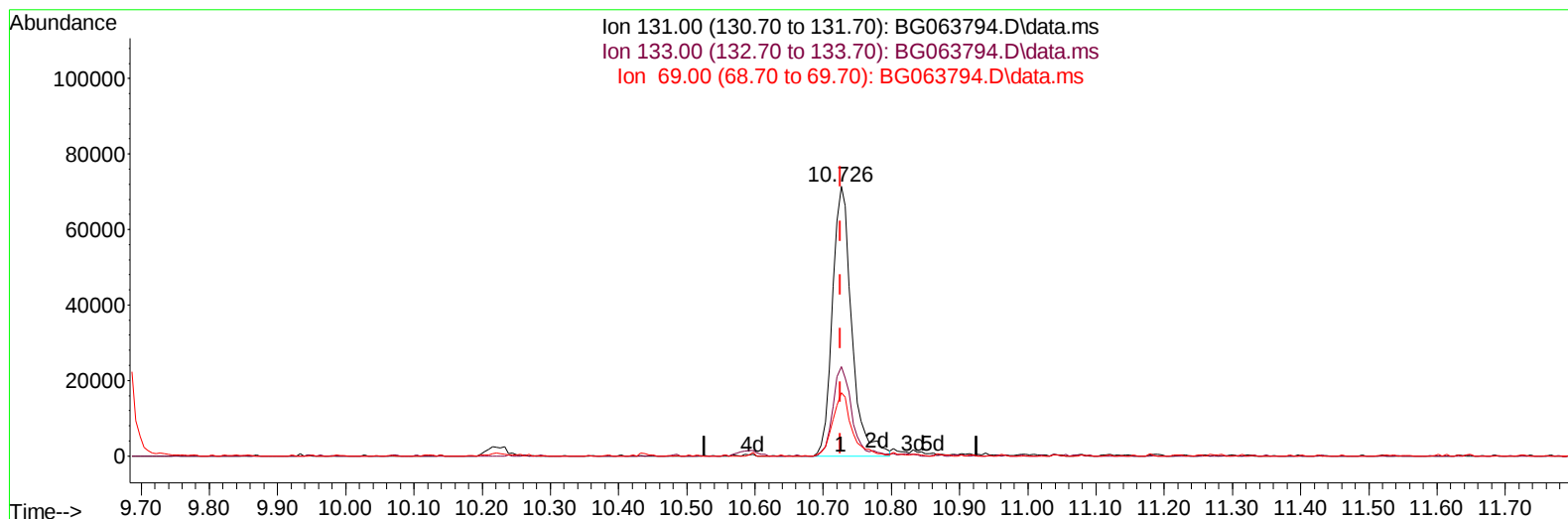
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG122324\  
 Data File : BG063794.D  
 Acq On : 23 Dec 2024 21:59  
 Operator : RC/JU  
 Sample : P5353-01  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 E2927

Manual IntegrationsAPPROVED

Quant Time: Dec 24 00:48:57 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG121124.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Dec 24 00:44:39 2024  
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/24/2024  
 Supervised By :mohammad ahmed 12/26/2024



TIC: BG063794.D\data.ms

**(31) 4-Chloroaniline-d4 (S)**

10.726min (+ 0.001) 23.20 ng/ul m

response 140495

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 131.00 | 100.00 | 100.00 |
| 133.00 | 32.30  | 33.18  |
| 69.00  | 23.80  | 23.41  |
| 0.00   | 0.00   | 0.00   |

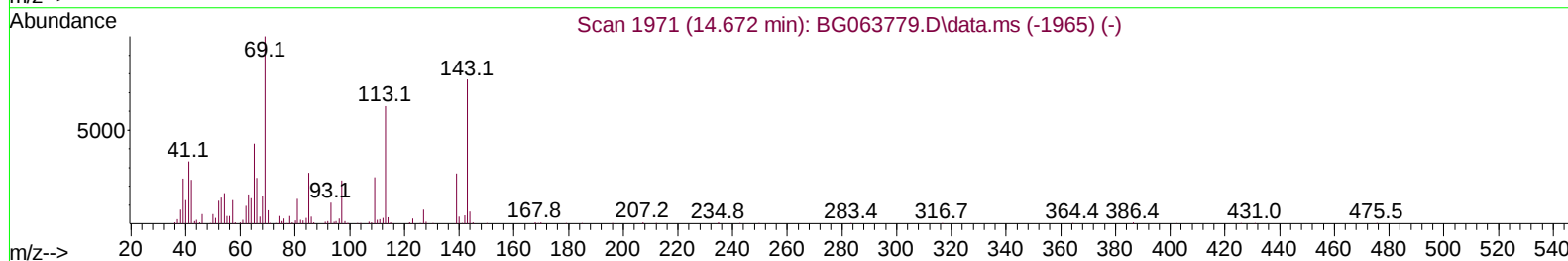
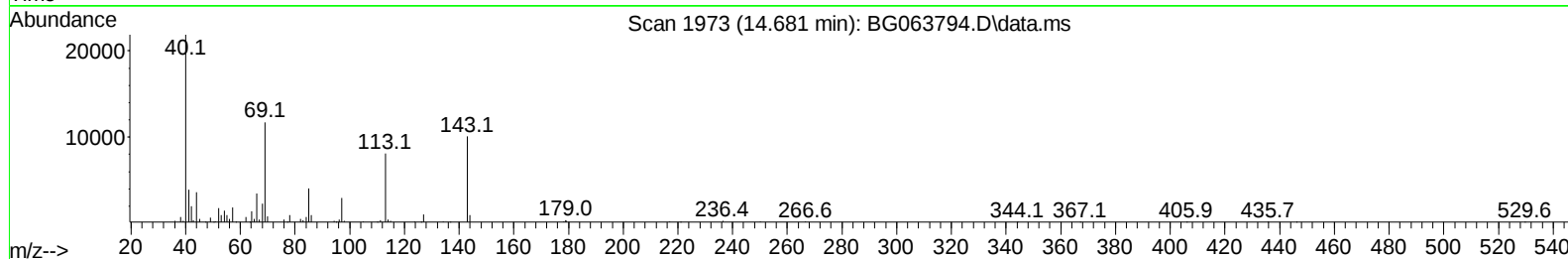
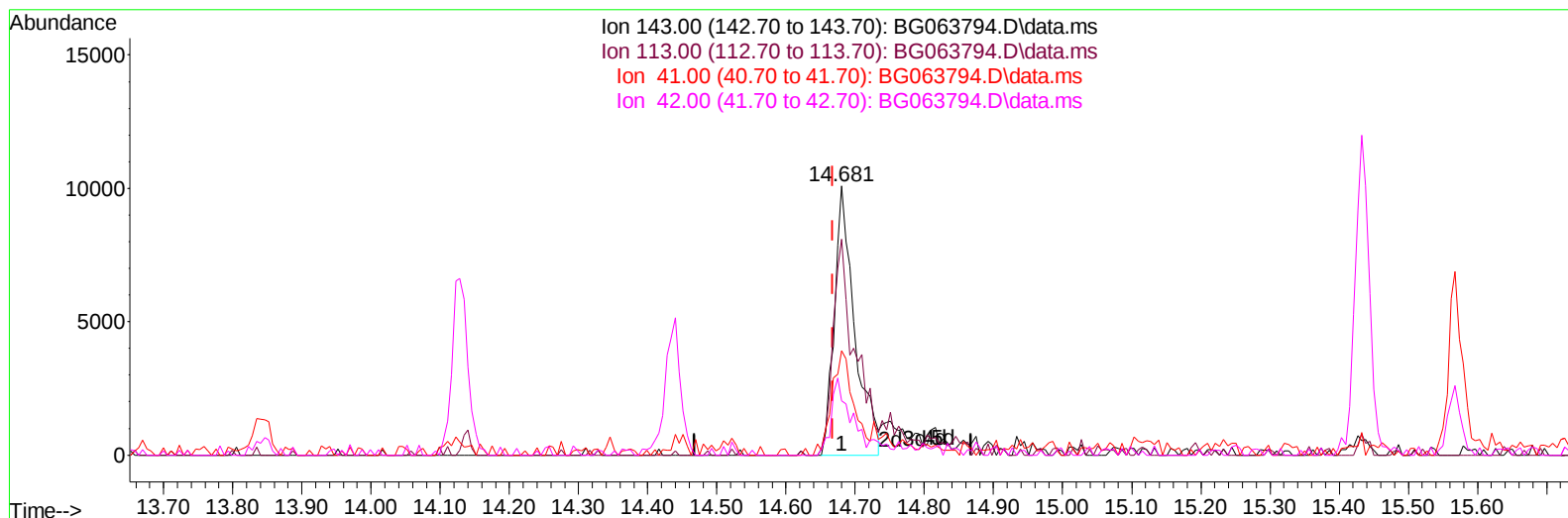
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG122324\  
Data File : BG063794.D  
Acq On : 23 Dec 2024 21:59  
Operator : RC/JU  
Sample : P5353-01  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
E2927

Manual IntegrationsAPPROVED

Quant Time: Dec 24 00:48:57 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG121124.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue Dec 24 00:44:39 2024  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/24/2024  
Supervised By :mohammad ahmed 12/26/2024



TIC: BG063794.D\data.ms

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

**14.681min (+ 0.013) 8.60 ng/u1**

**response 20690**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 143.00 | 100.00 | 100.00 |
| 113.00 | 89.70  | 80.24  |
| 41.00  | 48.20  | 38.78  |
| 42.00  | 26.60  | 20.08# |

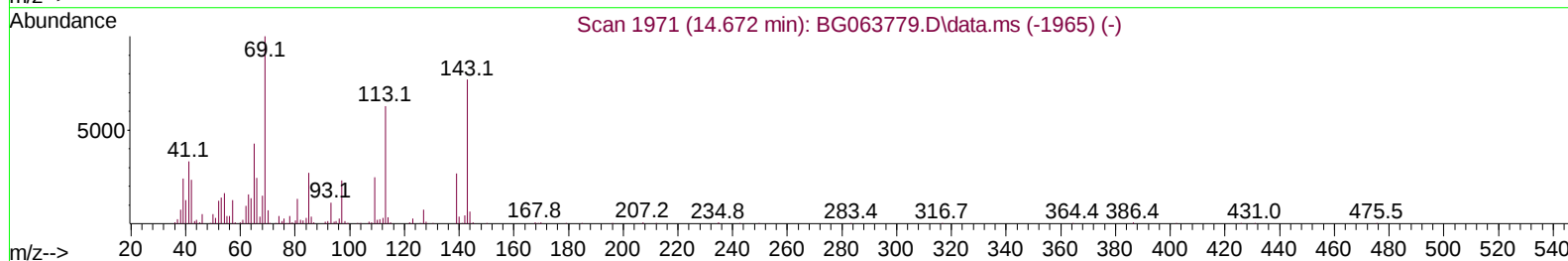
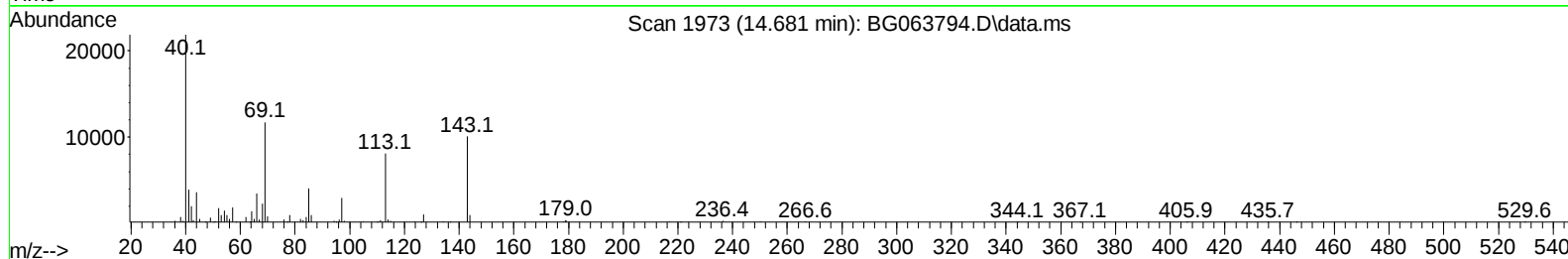
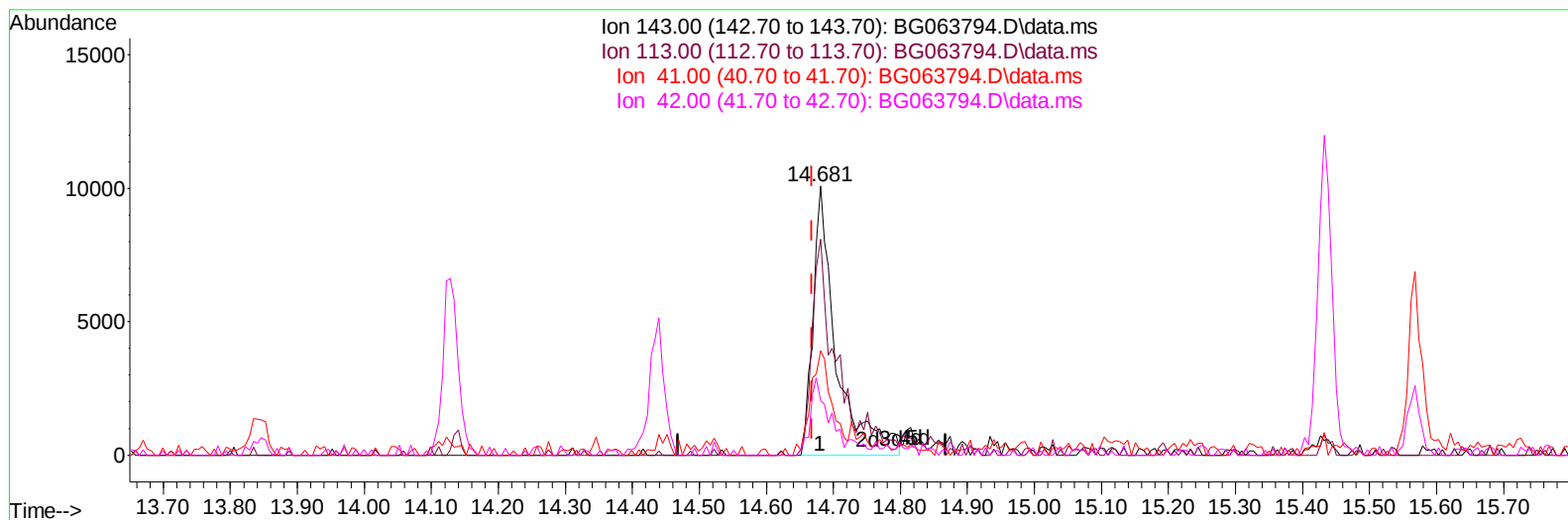
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG122324\  
Data File : BG063794.D  
Acq On : 23 Dec 2024 21:59  
Operator : RC/JU  
Sample : P5353-01  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
E2927

Manual IntegrationsAPPROVED

Quant Time: Dec 24 00:48:57 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG121124.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue Dec 24 00:44:39 2024  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/24/2024  
Supervised By :mohammad ahmed 12/26/2024



TIC: BG063794.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.681min (+ 0.013) 10.03 ng/ul m

response 24140

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 143.00 | 100.00 | 100.00 |
| 113.00 | 89.70  | 80.24  |
| 41.00  | 48.20  | 38.78  |
| 42.00  | 26.60  | 20.08# |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG122324\  
 Data File : BG063794.D  
 Acq On : 23 Dec 2024 21:59  
 Operator : RC/JU  
 Sample : P5353-01  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 E2927

## Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/24/2024  
 Supervised By :mohammad ahmed 12/26/2024

Quant Time: Dec 24 01:12:33 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG121124.MA.M  
 Quant Title : SVOA CALIBRATION  
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| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.800  | 152  | 73862    | 20.000 | ng/ul | 0.00     |
| 20) Naphthalene-d8            | 10.585 | 136  | 307847   | 20.000 | ng/ul | 0.00     |
| 38) Acenaphthene-d10          | 14.440 | 164  | 249625   | 20.000 | ng/ul | 0.00     |
| 64) Phenanthrene-d10          | 17.189 | 188  | 649302   | 20.000 | ng/ul | 0.00     |
| 79) Chrysene-d12              | 21.437 | 240  | 679650   | 20.000 | ng/ul | 0.00     |
| 88) Perylene-d12              | 24.446 | 264  | 693835   | 20.000 | ng/ul | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 3) 1,4-Dioxane-d8             | 3.259  | 96   | 14505m   | 7.696  | ng/uL | 0.00     |
| 4) Pyridine-d5                | 3.676  | 84   | 37378m   | 6.286  | ng/ul | 0.01     |
| 7) Phenol-d5                  | 6.984  | 99   | 81239    | 11.942 | ng/ul | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.131  | 67   | 192671   | 41.008 | ng/ul | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.336  | 132  | 165022   | 37.471 | ng/ul | 0.00     |
| 15) 4-Methylphenol-d8         | 8.517  | 113  | 135399   | 25.637 | ng/ul | 0.00     |
| 21) Nitrobenzene-d5           | 8.952  | 128  | 93775    | 42.663 | ng/ul | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.669  | 143  | 104707   | 42.497 | ng/ul | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.221 | 165  | 186825   | 39.164 | ng/ul | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.726 | 131  | 140495m  | 23.195 | ng/ul | 0.00     |
| 46) Dimethylphthalate-d6      | 13.846 | 166  | 731297   | 43.053 | ng/ul | 0.00     |
| 49) Acenaphthylene-d8         | 14.128 | 160  | 818774   | 42.286 | ng/ul | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.681 | 143  | 24140m   | 10.030 | ng/ul | 0.01     |
| 60) Fluorene-d10              | 15.433 | 176  | 688152   | 45.822 | ng/ul | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.568 | 200  | 118734   | 35.220 | ng/ul | 0.00     |
| 73) Anthracene-d10            | 17.289 | 188  | 1359145  | 48.687 | ng/ul | 0.00     |
| 81) Pyrene-d10                | 19.587 | 212  | 1695654  | 47.944 | ng/ul | 0.00     |
| 92) Benzo(a)pyrene-d12        | 24.246 | 264  | 1613452  | 49.519 | ng/ul | 0.00     |

Target Compounds Qvalue

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

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## Manual IntegrationsAPPROVED

Quant Time: Dec 24 01:12:33 2024  
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