

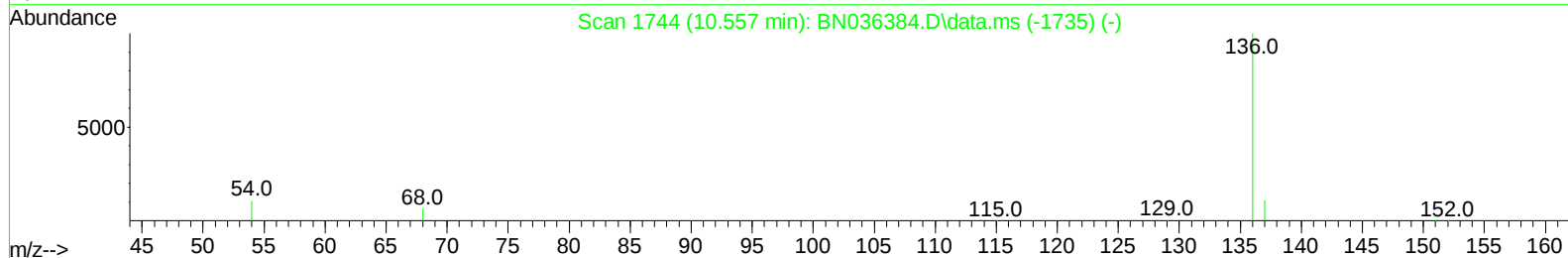
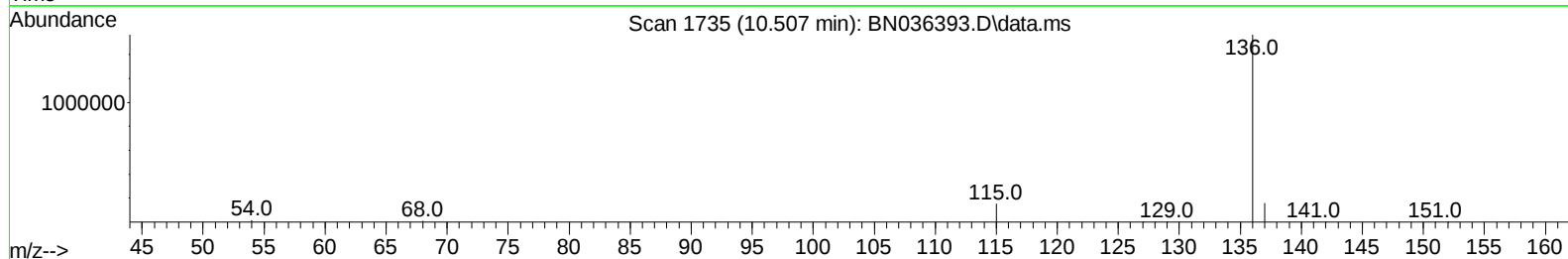
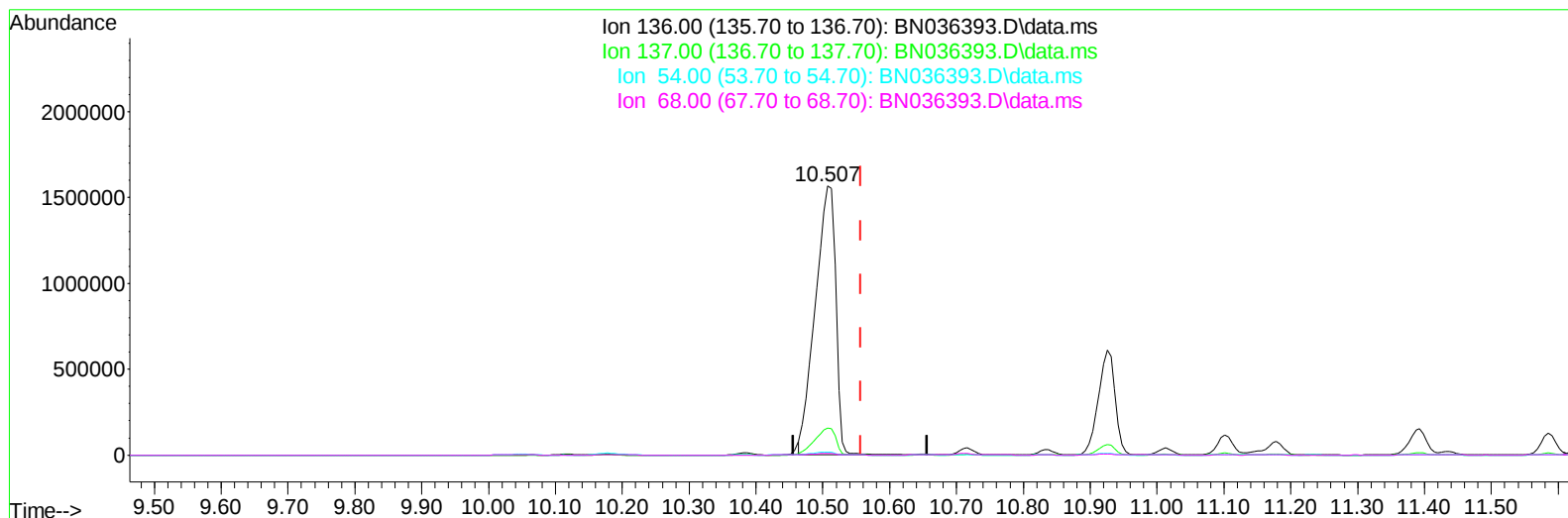
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN020625\  
Data File : BN036393.D  
Acq On : 08 Feb 2025 03:38  
Operator : RC/JU  
Sample : Q1202-17  
Misc :  
ALS Vial : 64 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
E29B0

Manual IntegrationsAPPROVED

Quant Time: Feb 11 15:04:47 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-SIM-BN012125.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Feb 07 11:25:57 2025  
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 02/11/2025  
Supervised By :Sohil Jodhani 02/18/2025



TIC: BN036393.D\data.ms

(4) Naphthalene-d8 (I)

10.507min (-0.049) 0.40 ng/u1

response 3333884

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 136.00 | 100.00 | 100.00 |
| 137.00 | 12.70  | 10.14# |
| 54.00  | 12.80  | 1.11#  |
| 68.00  | 8.10   | 0.64#  |

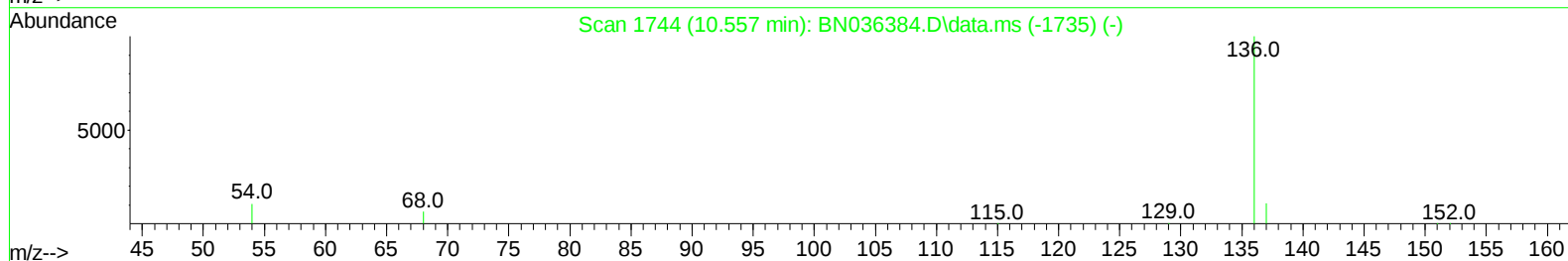
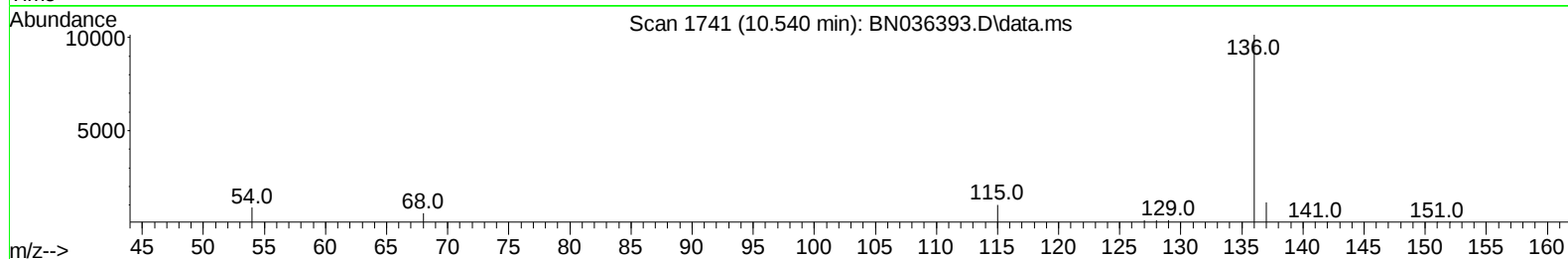
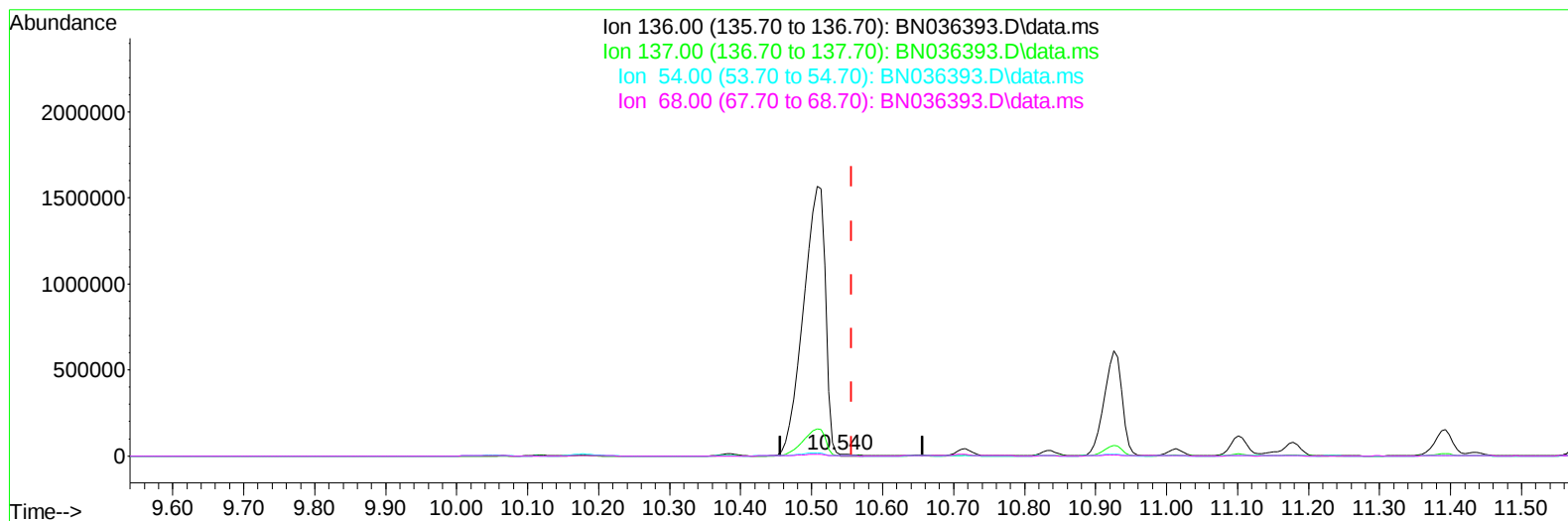
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Data File : BN036393.D  
Acq On : 08 Feb 2025 03:38  
Operator : RC/JU  
Sample : Q1202-17  
Misc :  
ALS Vial : 64 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
E29B0

## Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 02/11/2025  
Supervised By :Sohil Jodhani 02/18/2025

Quant Time: Feb 11 15:04:47 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-SIM-BN012125.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Feb 07 11:25:57 2025  
Response via : Initial Calibration



TIC: BN036393.D\data.ms

## (4) Naphthalene-d8 (I)

10.540min (-0.016) 0.40 ng/ul m

response 12194

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 136.00 | 100.00 | 100.00 |
| 137.00 | 12.70  | 11.13  |
| 54.00  | 12.80  | 8.54#  |
| 68.00  | 8.10   | 5.64#  |

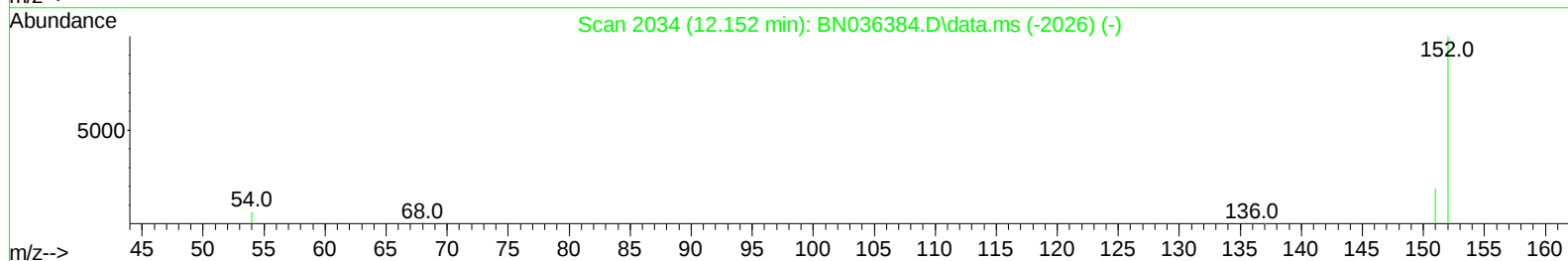
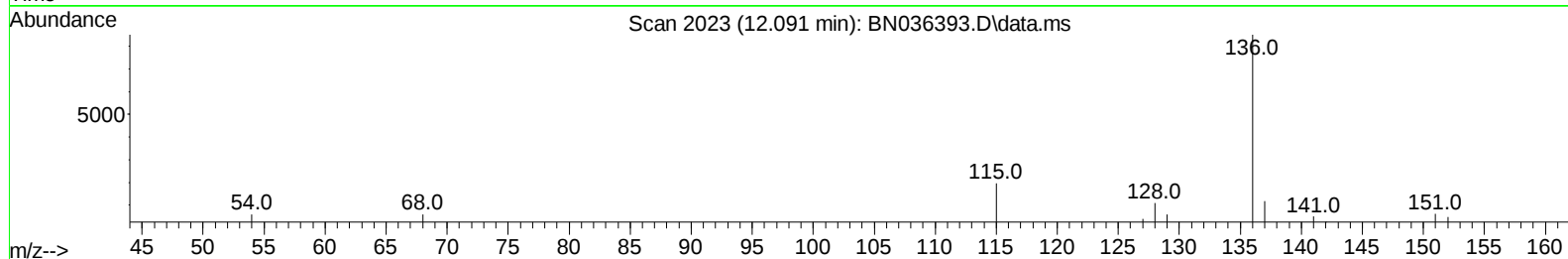
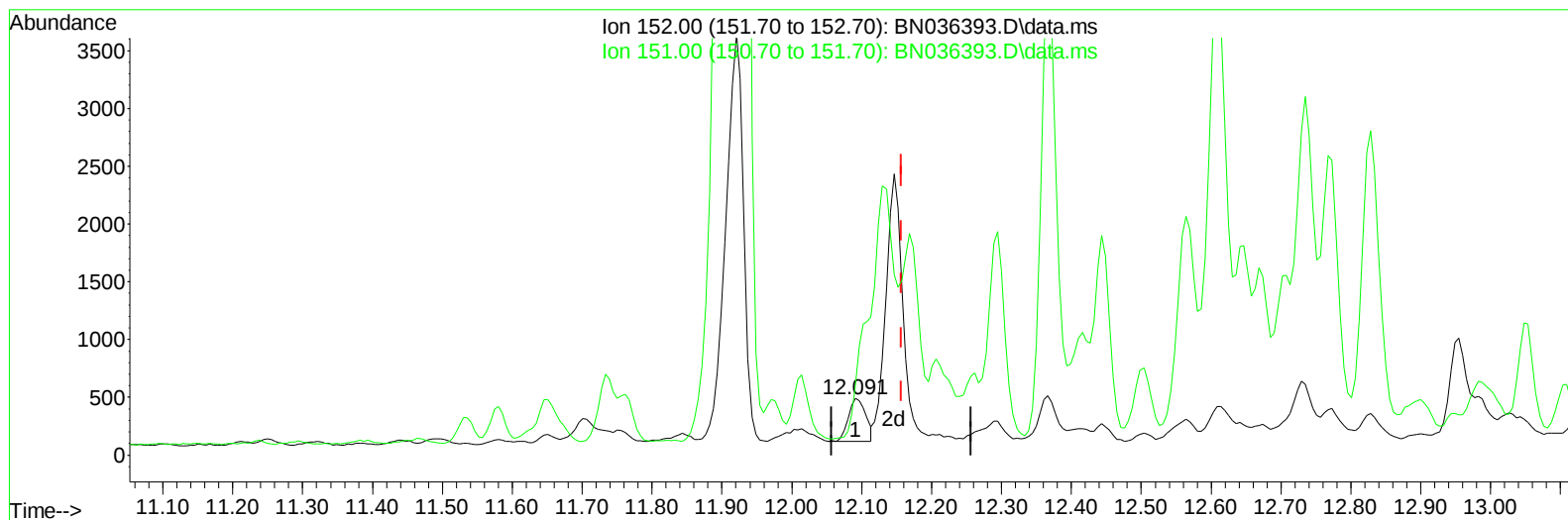
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN020625\  
Data File : BN036393.D  
Acq On : 08 Feb 2025 03:38  
Operator : RC/JU  
Sample : Q1202-17  
Misc :  
ALS Vial : 64 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
E29B0

Manual IntegrationsAPPROVED

Quant Time: Feb 11 15:04:47 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-SIM-BN012125.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Feb 07 11:25:57 2025  
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 02/11/2025  
Supervised By :Sohil Jodhani 02/18/2025



TIC: BN036393.D\data.ms

(6) 2-Methylnaphthalene-d10 (SURR)

12.091min (-0.066) 0.04 ng/u1

response 640

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 152.00 | 100.00 | 100.00 |
| 151.00 | 21.70  | 0.00#  |
| 0.00   | 0.00   | 0.00   |
| 0.00   | 0.00   | 0.00   |

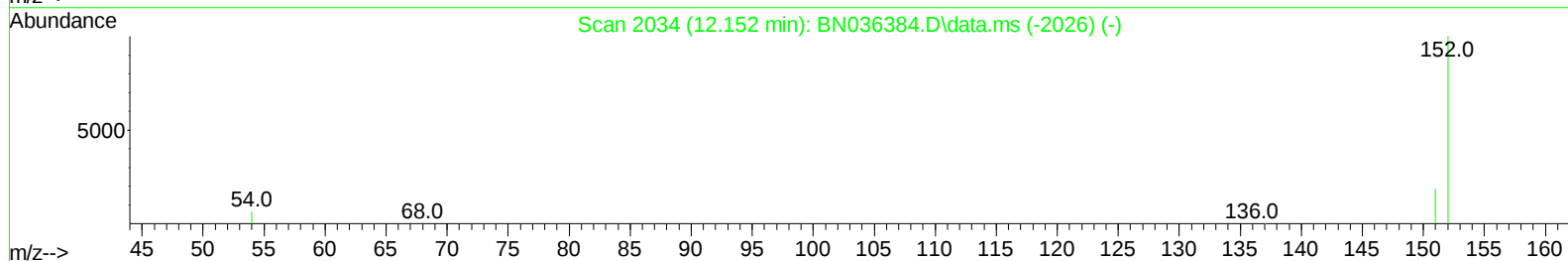
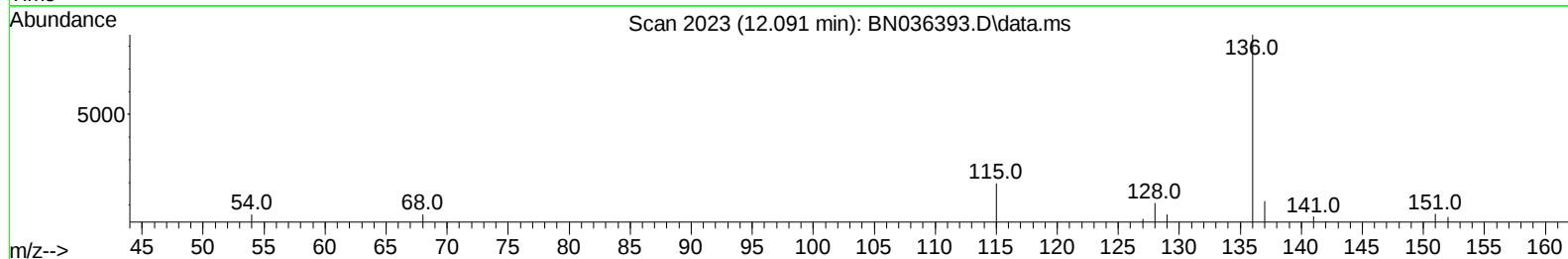
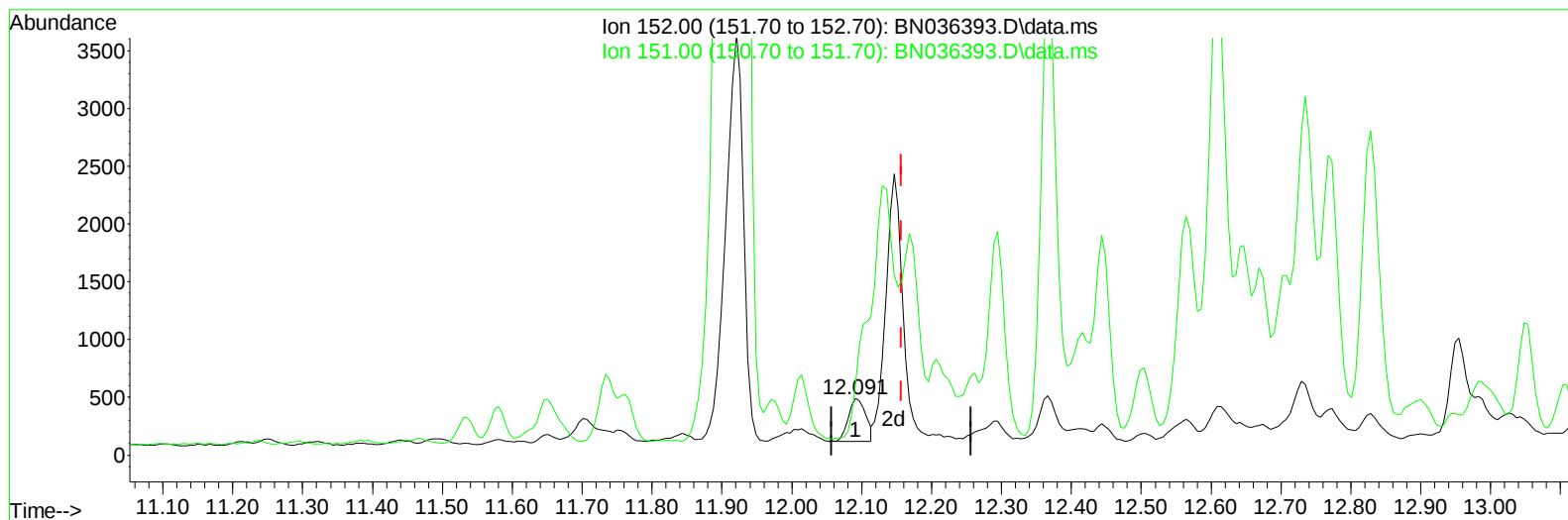
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN020625\  
Data File : BN036393.D  
Acq On : 08 Feb 2025 03:38  
Operator : RC/JU  
Sample : Q1202-17  
Misc :  
ALS Vial : 64 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
E29B0

Manual IntegrationsAPPROVED

Quant Time: Feb 11 15:04:47 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-SIM-BN012125.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Feb 07 11:25:57 2025  
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 02/11/2025  
Supervised By :Sohil Jodhani 02/18/2025



TIC: BN036393.D\data.ms

**(6) 2-Methylnaphthalene-d10 (SURR)**

**12.091min (-0.066) 0.04 ng/u1**

**response 640**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 152.00 | 100.00 | 100.00 |
| 151.00 | 21.70  | 0.00#  |
| 0.00   | 0.00   | 0.00   |
| 0.00   | 0.00   | 0.00   |

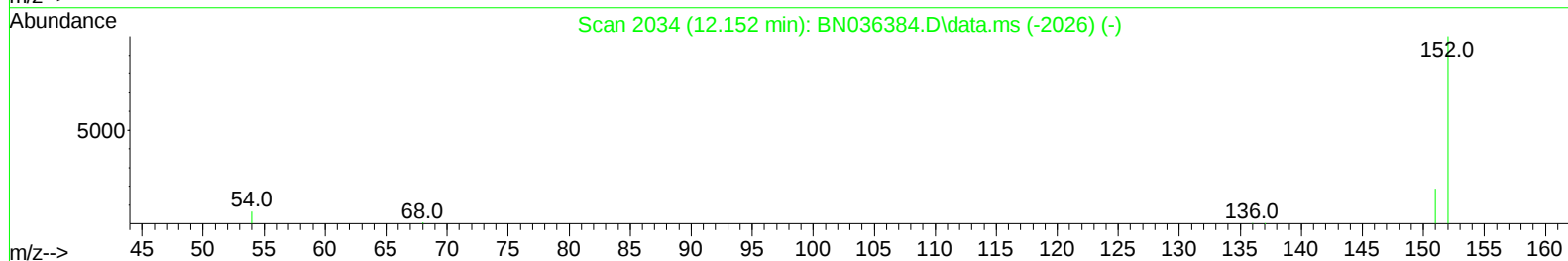
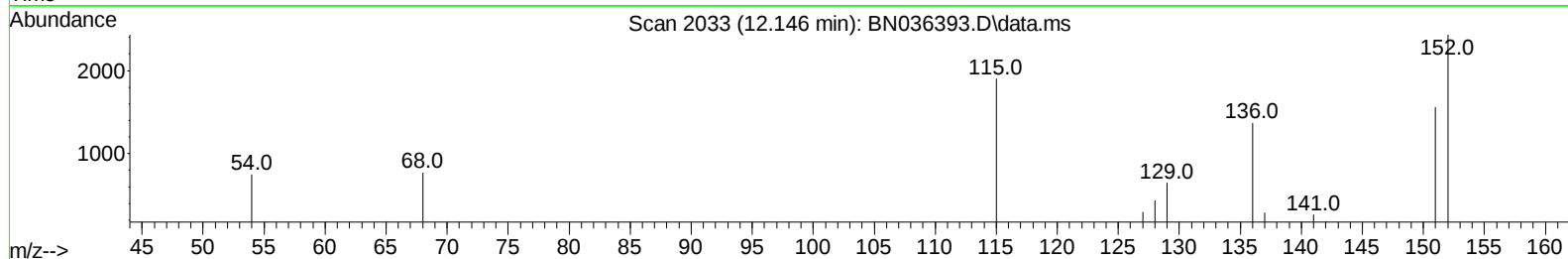
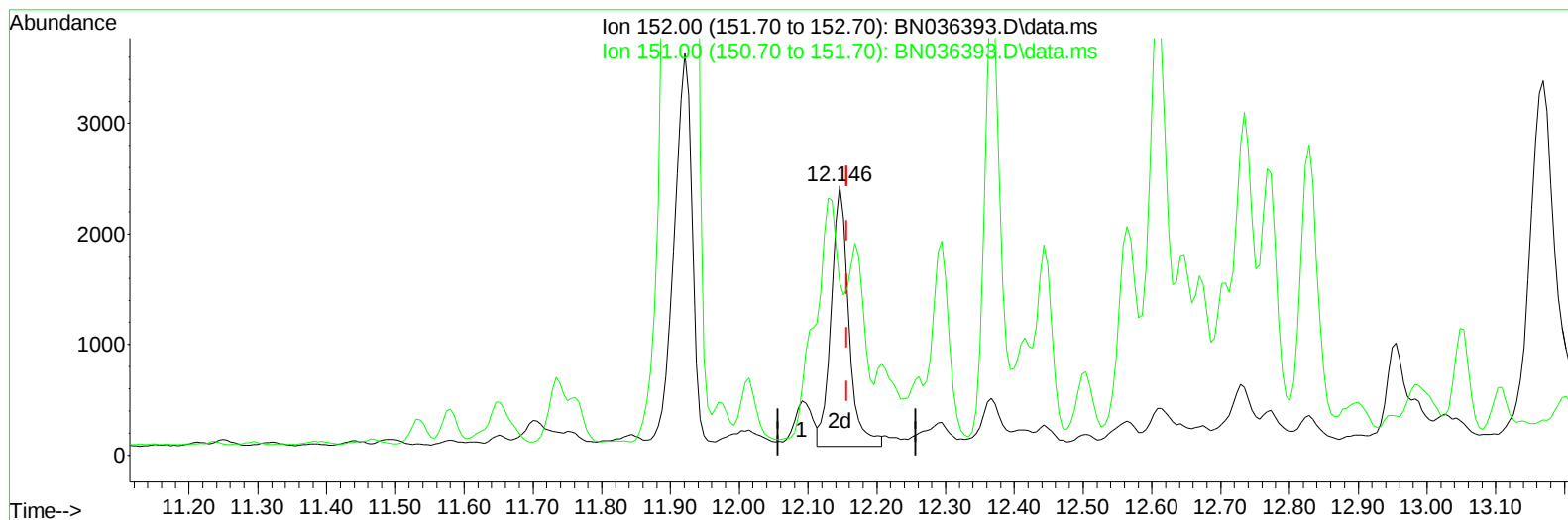
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN020625\  
Data File : BN036393.D  
Acq On : 08 Feb 2025 03:38  
Operator : RC/JU  
Sample : Q1202-17  
Misc :  
ALS Vial : 64 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
E29B0

Manual IntegrationsAPPROVED

Quant Time: Feb 11 15:04:47 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-SIM-BN012125.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Feb 07 11:25:57 2025  
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 02/11/2025  
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TIC: BN036393.D\data.ms

(6) 2-Methylnaphthalene-d10 (SURR)

12.146min (-0.011) 0.27 ng/ul m

response 4133

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 152.00 | 100.00 | 100.00 |
| 151.00 | 21.70  | 0.00#  |
| 0.00   | 0.00   | 0.00   |
| 0.00   | 0.00   | 0.00   |

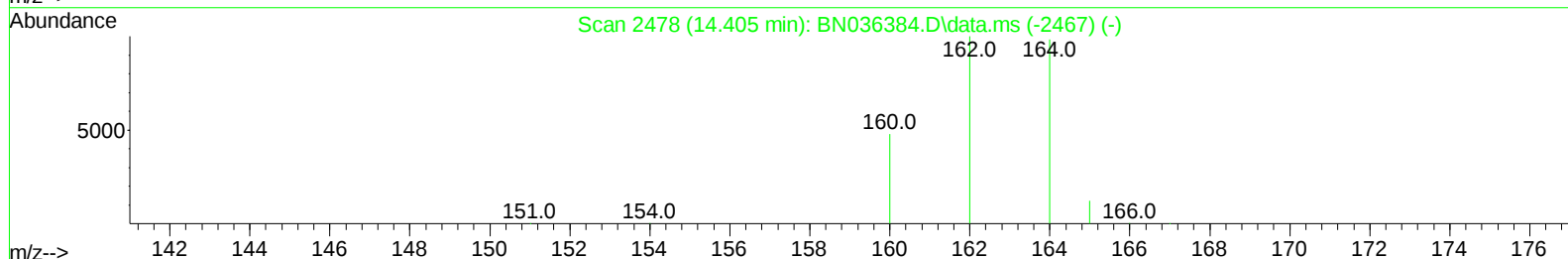
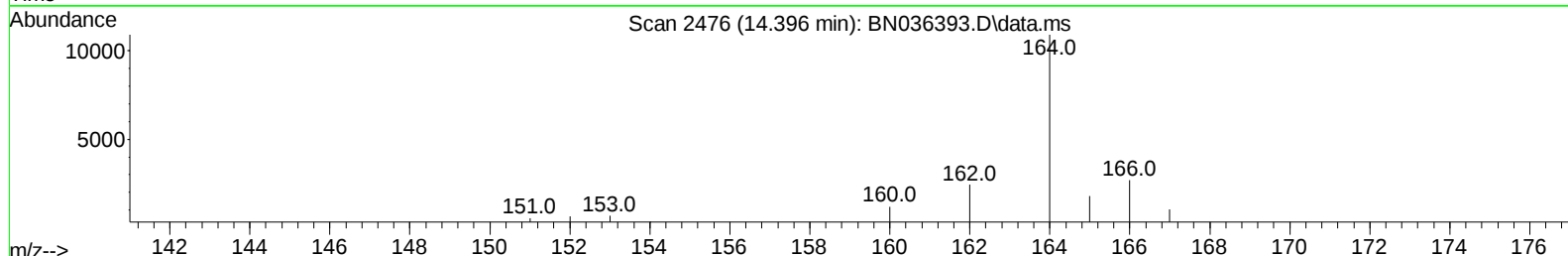
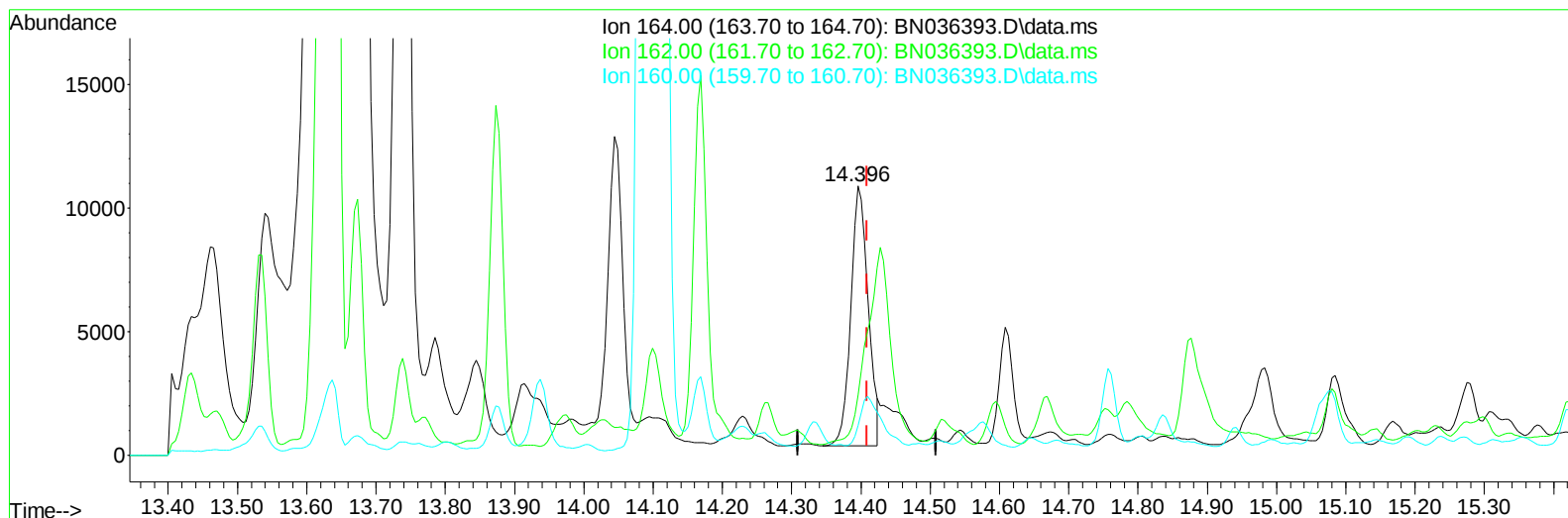
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN020625\  
Data File : BN036393.D  
Acq On : 08 Feb 2025 03:38  
Operator : RC/JU  
Sample : Q1202-17  
Misc :  
ALS Vial : 64 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
E29B0

Manual IntegrationsAPPROVED

Quant Time: Feb 11 15:04:47 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-SIM-BN012125.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Feb 07 11:25:57 2025  
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 02/11/2025  
Supervised By :Sohil Jodhani 02/18/2025



TIC: BN036393.D\data.ms

(9) Acenaphthene-d10 (I)

14.396min (-0.014) 0.40 ng/u1

response 18369

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 164.00 | 100.00 | 100.00 |
| 162.00 | 106.40 | 22.32# |
| 160.00 | 54.60  | 10.98# |
| 0.00   | 0.00   | 0.00   |

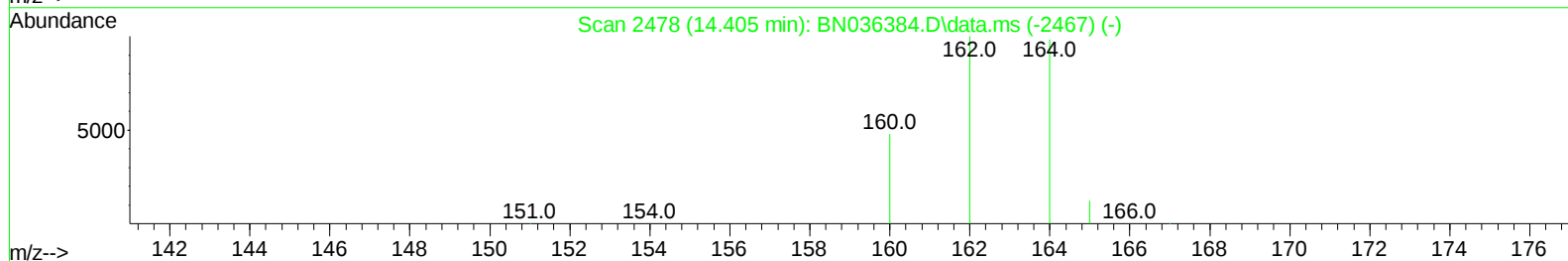
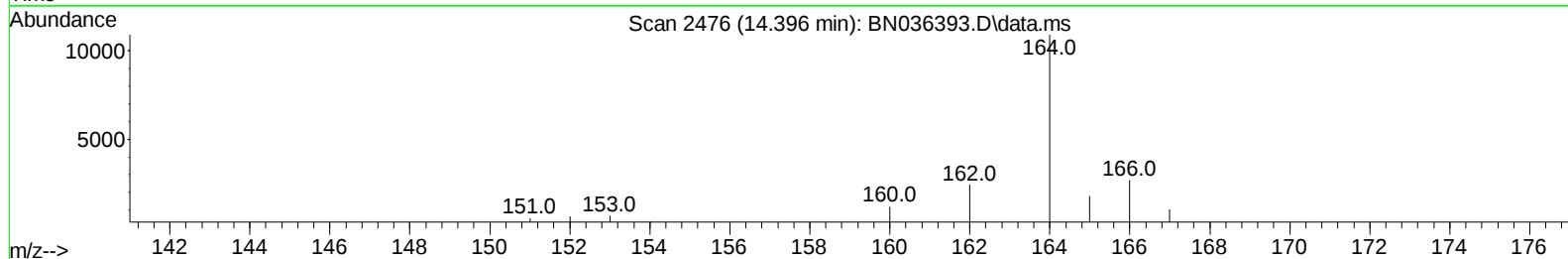
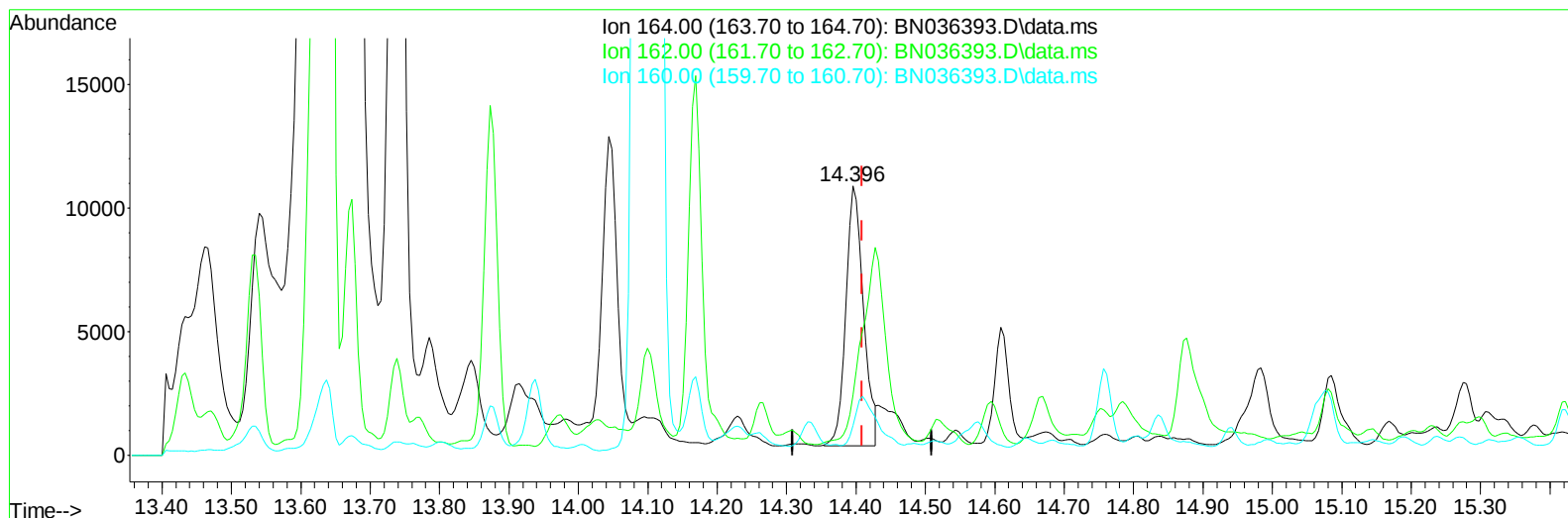
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Data File : BN036393.D  
Acq On : 08 Feb 2025 03:38  
Operator : RC/JU  
Sample : Q1202-17  
Misc :  
ALS Vial : 64 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
E29B0

Manual IntegrationsAPPROVED

Quant Time: Feb 11 15:04:47 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-SIM-BN012125.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Feb 07 11:25:57 2025  
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 02/11/2025  
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TIC: BN036393.D\data.ms

(9) Acenaphthene-d10 (I)

14.396min (-0.014) 0.40 ng/ul m

response 18802

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 164.00 | 100.00 | 100.00 |
| 162.00 | 106.40 | 22.32# |
| 160.00 | 54.60  | 10.98# |
| 0.00   | 0.00   | 0.00   |

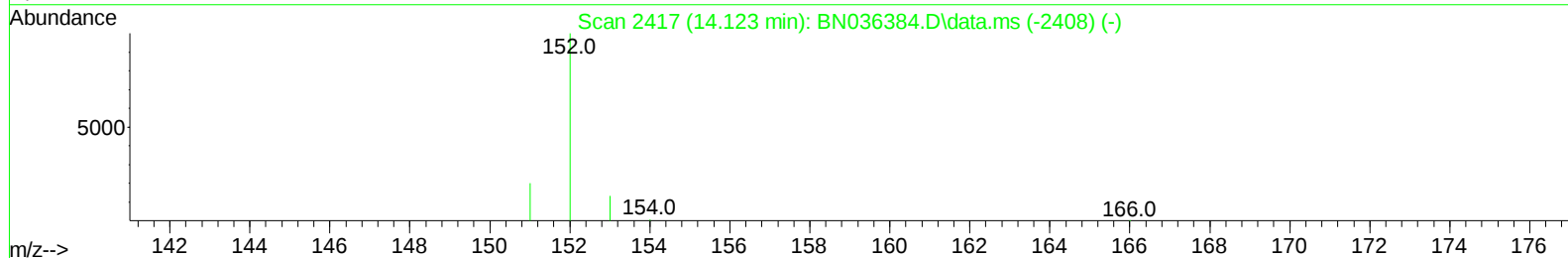
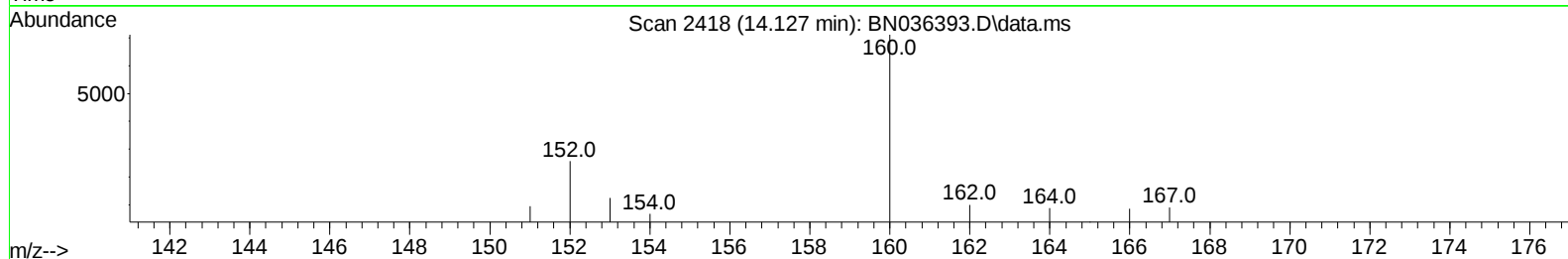
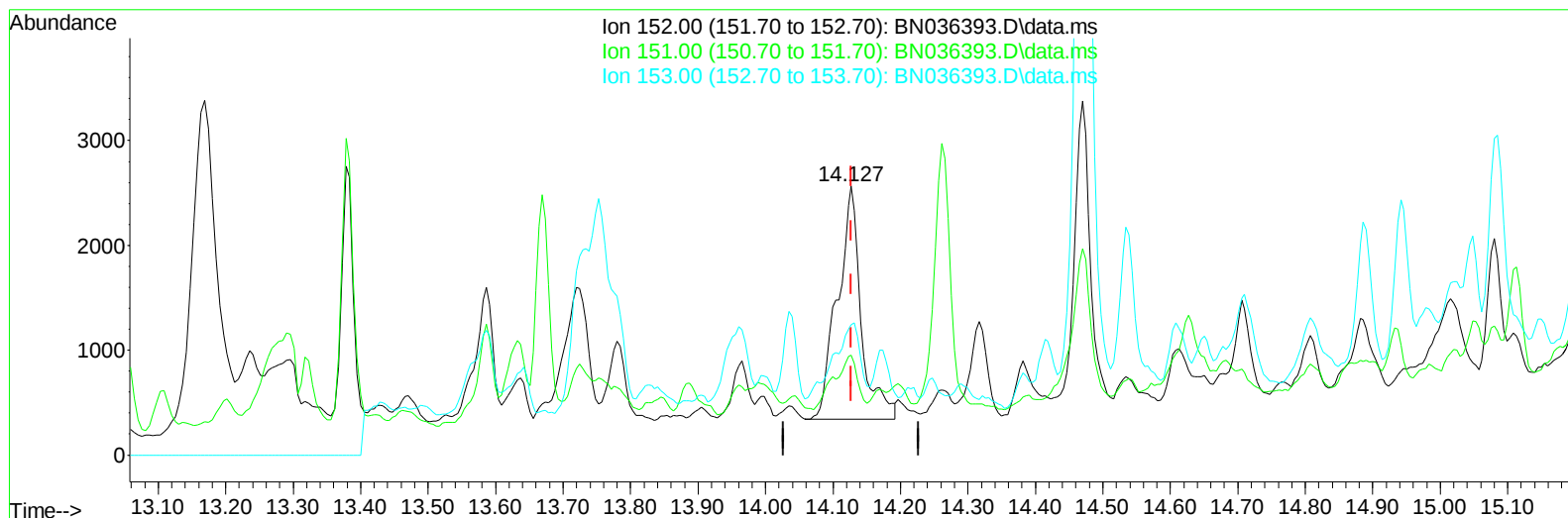
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN020625\  
Data File : BN036393.D  
Acq On : 08 Feb 2025 03:38  
Operator : RC/JU  
Sample : Q1202-17  
Misc :  
ALS Vial : 64 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
E29B0

## Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 02/11/2025  
Supervised By :Sohil Jodhani 02/18/2025

Quant Time: Feb 11 15:04:47 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-SIM-BN012125.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Feb 07 11:25:57 2025  
Response via : Initial Calibration



TIC: BN036393.D\data.ms

## (10) Acenaphthylene

14.127min (+ 0.000) 0.06 ng/u1

response 5486

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 152.00 | 100.00 | 100.00 |
| 151.00 | 21.80  | 37.04# |
| 153.00 | 14.90  | 48.46# |
| 0.00   | 0.00   | 0.00   |

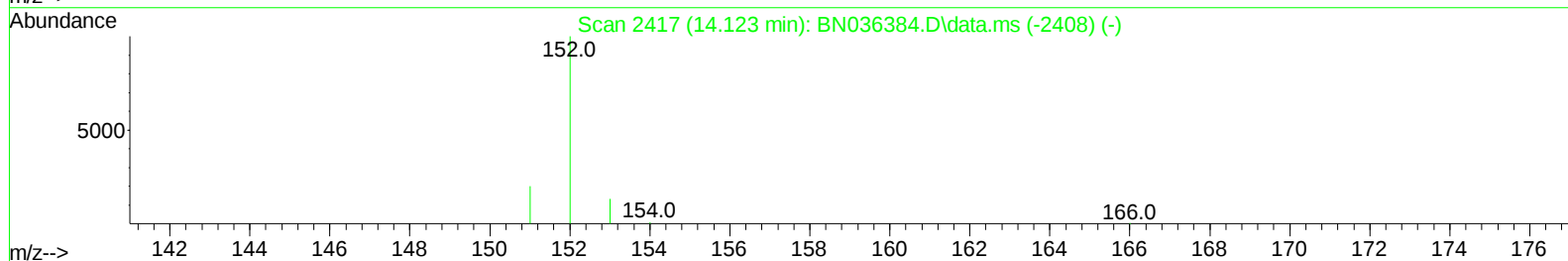
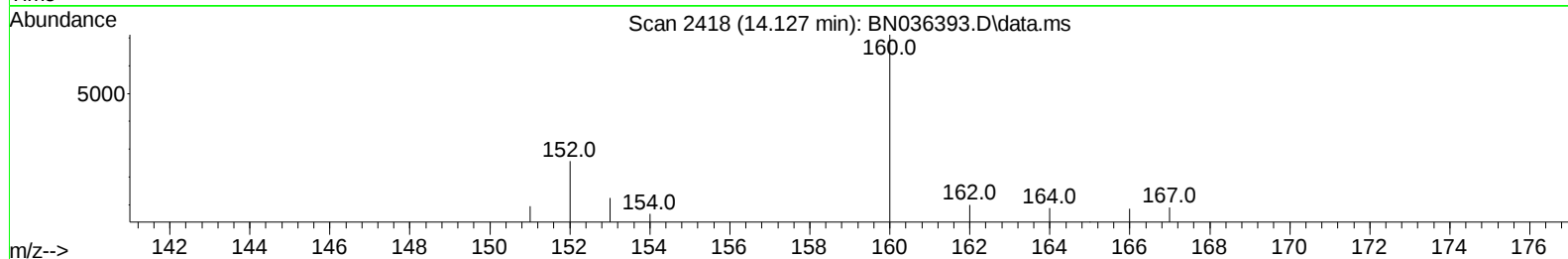
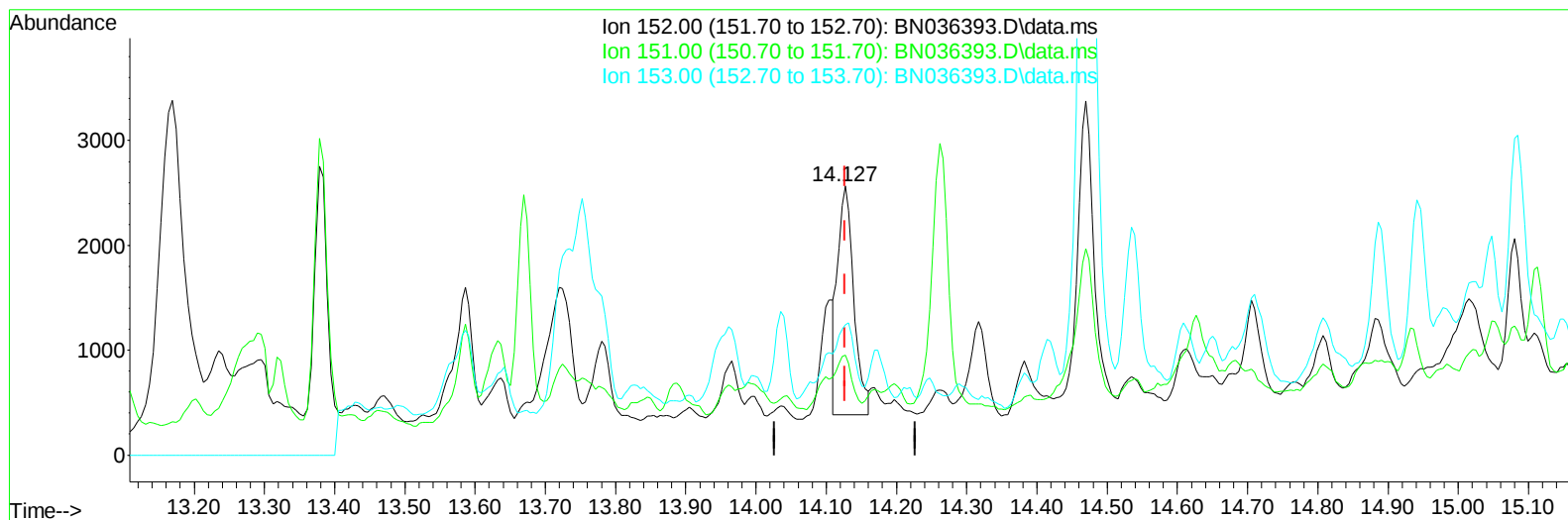
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN020625\  
Data File : BN036393.D  
Acq On : 08 Feb 2025 03:38  
Operator : RC/JU  
Sample : Q1202-17  
Misc :  
ALS Vial : 64 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
E29B0

Manual IntegrationsAPPROVED

Quant Time: Feb 11 15:04:47 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-SIM-BN012125.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Feb 07 11:25:57 2025  
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 02/11/2025  
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TIC: BN036393.D\data.ms

(10) Acenaphthylene

14.127min (+ 0.000) 0.04 ng/ul m

response 3525

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 152.00 | 100.00 | 100.00 |
| 151.00 | 21.80  | 37.04# |
| 153.00 | 14.90  | 48.46# |
| 0.00   | 0.00   | 0.00   |

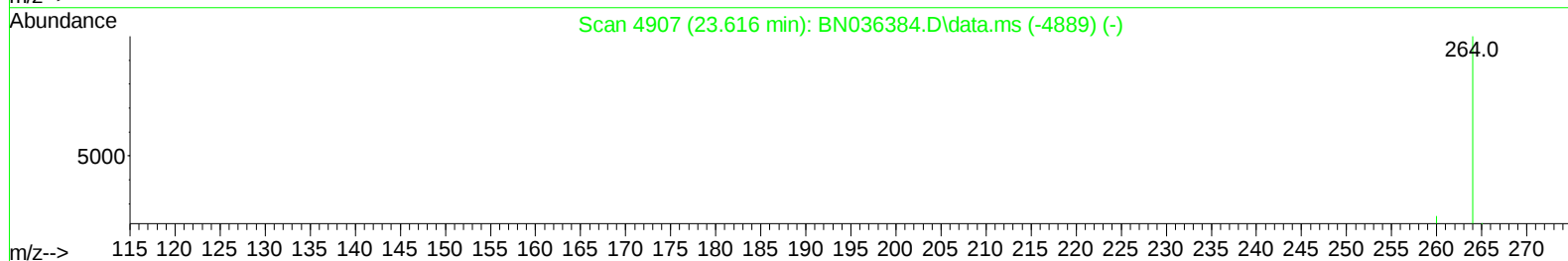
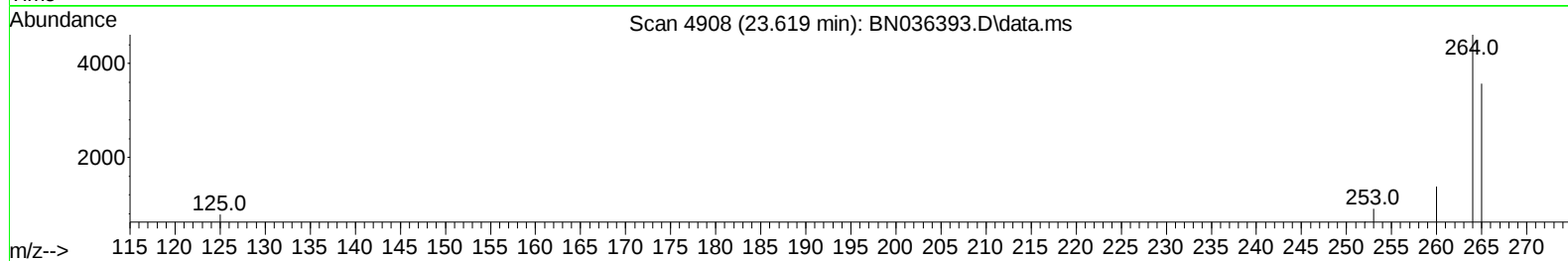
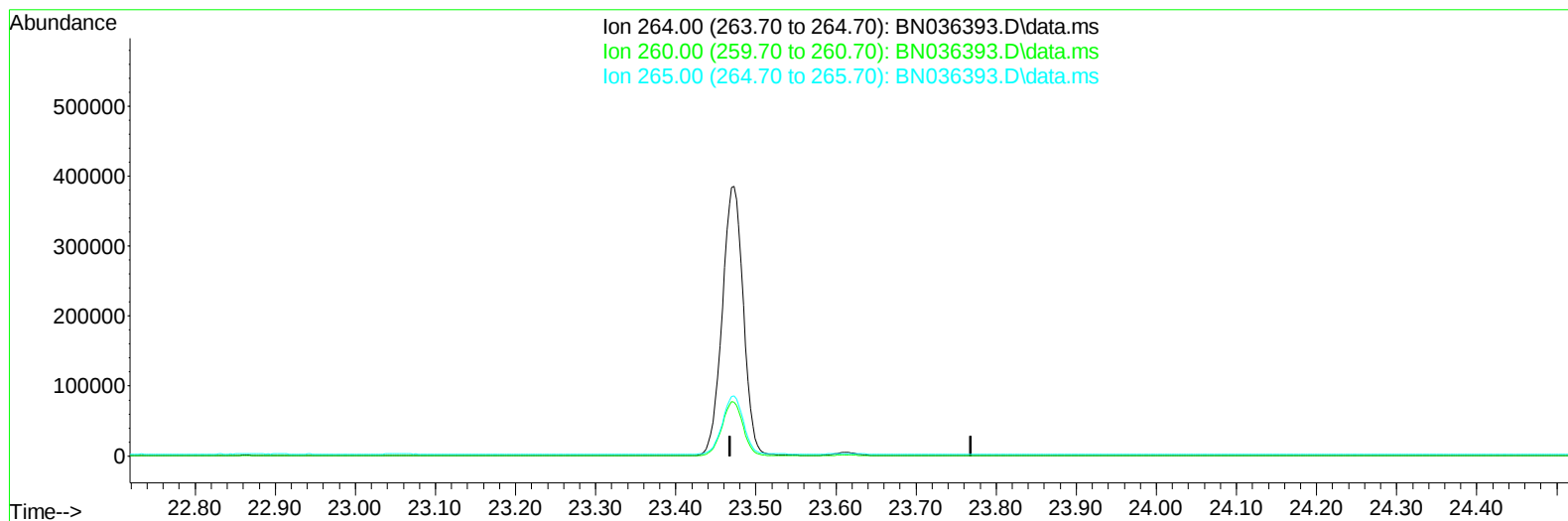
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN020625\  
Data File : BN036393.D  
Acq On : 08 Feb 2025 03:38  
Operator : RC/JU  
Sample : Q1202-17  
Misc :  
ALS Vial : 64 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
E29B0

## Manual IntegrationsAPPROVED

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Quant Time: Feb 11 15:04:47 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-SIM-BN012125.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Feb 07 11:25:57 2025  
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TIC: BN036393.D\data.ms

## (23) Perylene-d12 (I)

23.619min (-23.619) 0.00 ng/u1

response 0

| Ion    | Exp%   | Act%  |
|--------|--------|-------|
| 264.00 | 100.00 | 0.00  |
| 260.00 | 26.80  | 0.00# |
| 265.00 | 53.20  | 0.00# |
| 0.00   | 0.00   | 0.00  |

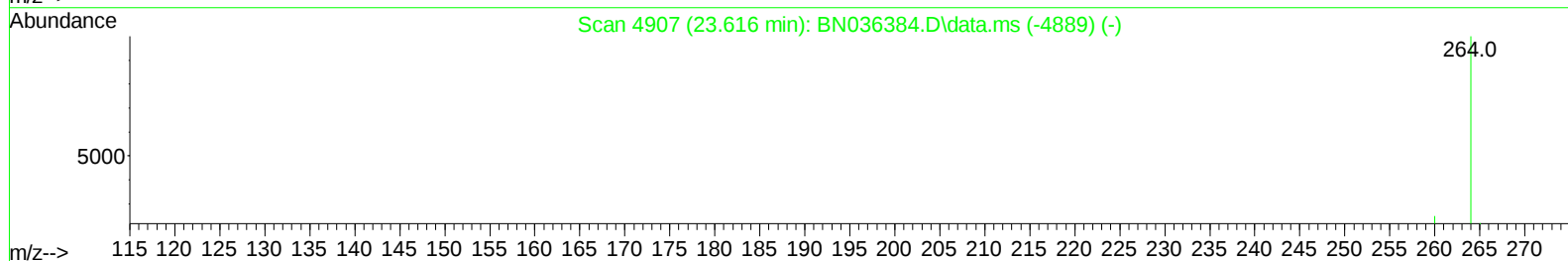
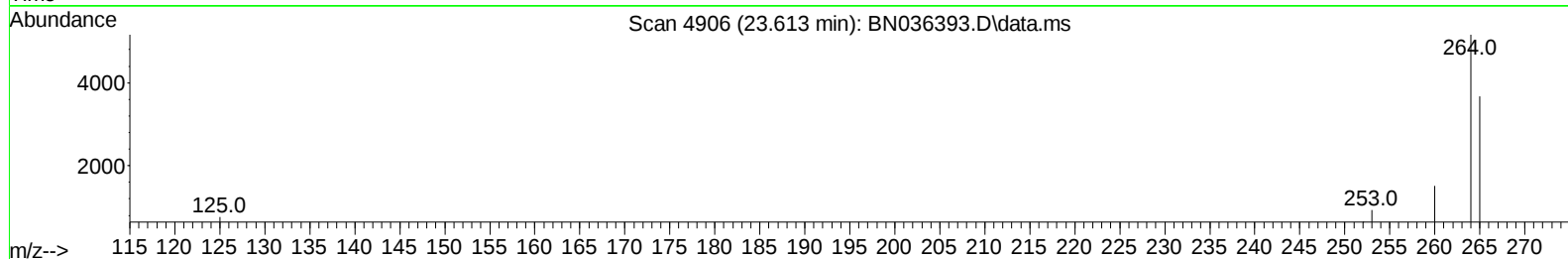
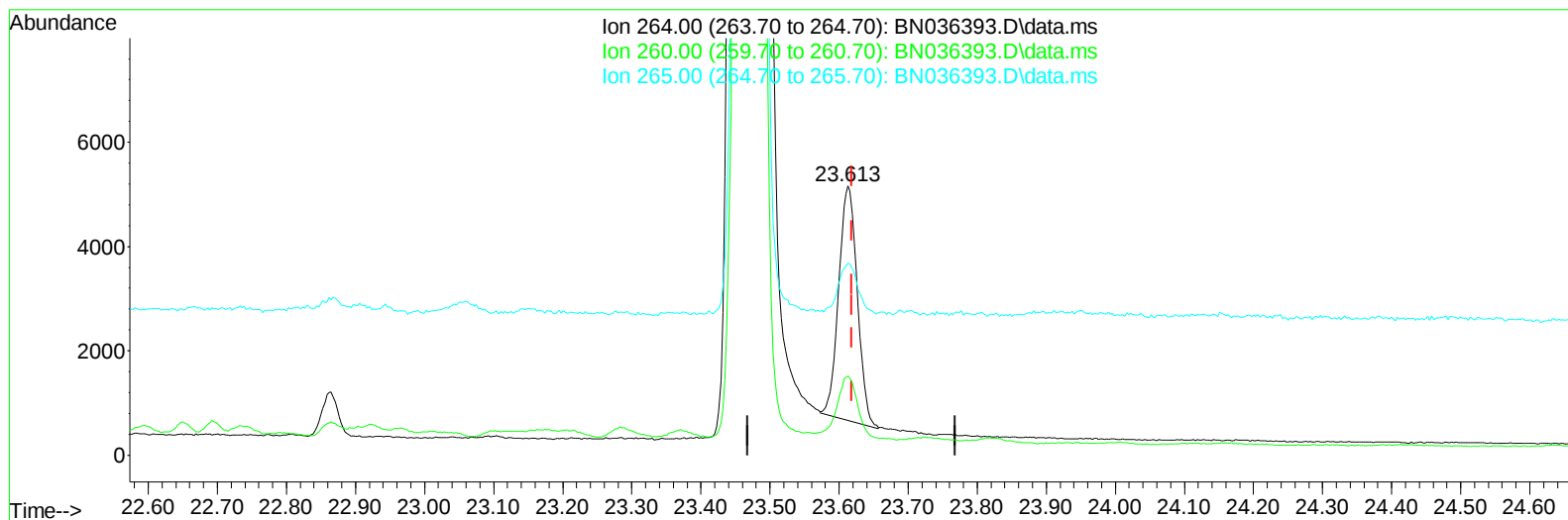
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN020625\  
Data File : BN036393.D  
Acq On : 08 Feb 2025 03:38  
Operator : RC/JU  
Sample : Q1202-17  
Misc :  
ALS Vial : 64 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
E29B0

Manual IntegrationsAPPROVED

Quant Time: Feb 11 15:04:47 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-SIM-BN012125.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Feb 07 11:25:57 2025  
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 02/11/2025  
Supervised By :Sohil Jodhani 02/18/2025



TIC: BN036393.D\data.ms

(23) Perylene-d12 (I)

23.613min (-0.006) 0.40 ng/u1 m

response 8365

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 264.00 | 100.00 | 100.00 |
| 260.00 | 26.80  | 29.46  |
| 265.00 | 53.20  | 71.33# |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN020625\  
 Data File : BN036393.D  
 Acq On : 08 Feb 2025 03:38  
 Operator : RC/JU  
 Sample : Q1202-17  
 Misc :  
 ALS Vial : 64 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 E29B0

## Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 02/11/2025  
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Quant Time: Feb 11 15:04:47 2025  
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 QLast Update : Fri Feb 07 11:25:57 2025  
 Response via : Initial Calibration

| Compound                    | R.T.   | Q   | Ion | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|-----|-----|----------|-------|--------|----------|
| -----                       |        |     |     |          |       |        |          |
| Internal Standards          |        |     |     |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.762  | 152 |     | 2978     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.540 | 136 |     | 12194m   | 0.400 | ng/ul  | -0.02    |
| 9) Acenaphthene-d10         | 14.396 | 164 |     | 18802m   | 0.400 | ng/ul  | -0.01    |
| 13) Phenanthrene-d10        | 17.146 | 188 |     | 11115    | 0.400 | ng/ul  | # 0.00   |
| 17) Chrysene-d12            | 21.336 | 240 |     | 10815    | 0.400 | ng/ul  | # 0.00   |
| 23) Perylene-d12            | 23.613 | 264 |     | 8365m    | 0.400 | ng/ul  | 0.00     |
| System Monitoring Compounds |        |     |     |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.248  | 96  |     | 14642    | 4.491 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.146 | 152 |     | 4133m    | 0.268 | ng/ul  | -0.01    |
| 18) Fluoranthene-d10        | 19.179 | 212 |     | 8827     | 0.297 | ng/ul  | 0.00     |
| Target Compounds            |        |     |     |          |       |        |          |
|                             |        |     |     |          |       |        | Qvalue   |
| 5) Naphthalene              | 10.606 | 128 |     | 29671    | 0.883 | ng/ul  | 99       |
| 7) 2-Methylnaphthalene      | 12.218 | 142 |     | 16491    | 0.790 | ng/ul  | 99       |
| 8) 1-Methylnaphthalene      | 12.443 | 142 |     | 26240    | 1.239 | ng/ul  | 95       |
| 10) Acenaphthylene          | 14.127 | 152 |     | 3525m    | 0.040 | ng/ul  |          |
| 11) Acenaphthene            | 14.470 | 153 |     | 13079    | 0.201 | ng/ul# | 81       |
| 12) Fluorene                | 15.455 | 166 |     | 15143    | 0.210 | ng/ul# | 96       |
| 14) Pentachlorophenol       | 16.800 | 266 |     | 268      | 0.069 | ng/ul# | 89       |
| 15) Phenanthrene            | 17.188 | 178 |     | 32179    | 0.989 | ng/ul# | 92       |
| 16) Anthracene              | 17.277 | 178 |     | 10685    | 0.353 | ng/ul# | 56       |
| 19) Fluoranthene            | 19.207 | 202 |     | 4000     | 0.097 | ng/ul# | 54       |
| 20) Pyrene                  | 19.570 | 202 |     | 2078     | 0.048 | ng/ul# | 27       |
| -----                       |        |     |     |          |       |        |          |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN020625\  
Data File : BN036393.D  
Acq On : 08 Feb 2025 03:38  
Operator : RC/JU  
Sample : Q1202-17  
Misc :  
ALS Vial : 64 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
E29B0

Manual IntegrationsAPPROVED

Quant Time: Feb 11 15:04:47 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-SIM-BN012125.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Feb 07 11:25:57 2025  
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 02/11/2025  
Supervised By :Sohil Jodhani 02/18/2025

