

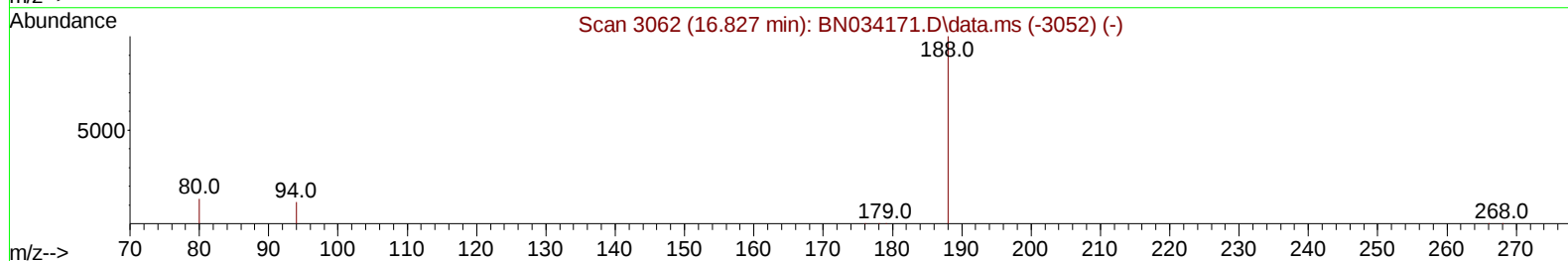
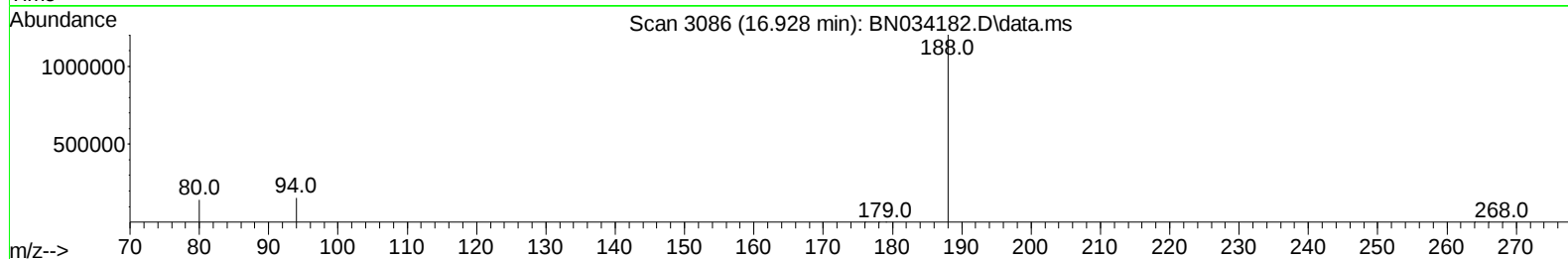
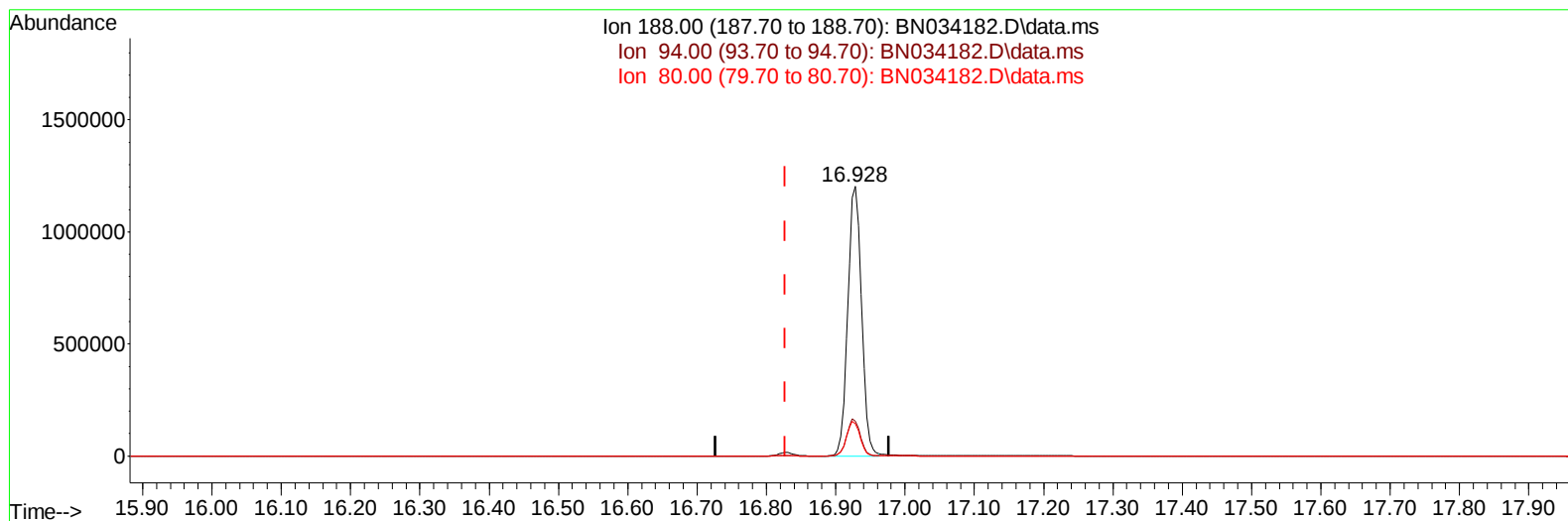
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN092424\  
Data File : BN034182.D  
Acq On : 24 Sep 2024 01:53  
Operator : RC/JU  
Sample : P4092-01  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
C0B15

Manual IntegrationsAPPROVED

Quant Time: Sep 24 03:12:47 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-SIM-BN082724.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Sep 23 19:39:10 2024  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 09/25/2024  
Supervised By :mohammad ahmed 09/25/2024



TIC: BN034182.D\data.ms

**(13) Phenanthrene-d10 (I)**

**16.928min (+ 0.101) 0.40 ng/u1**

**response 1655203**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 188.00 | 100.00 | 100.00 |
| 94.00  | 10.30  | 12.95# |
| 80.00  | 11.50  | 12.03  |
| 0.00   | 0.00   | 0.00   |

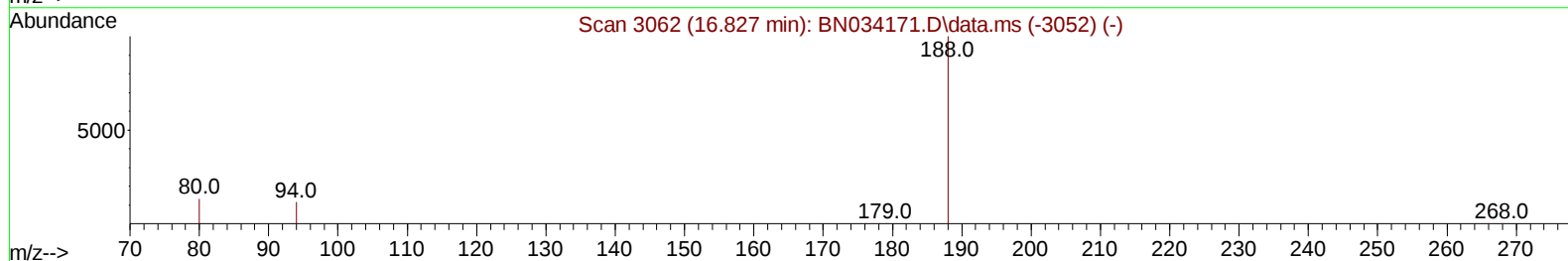
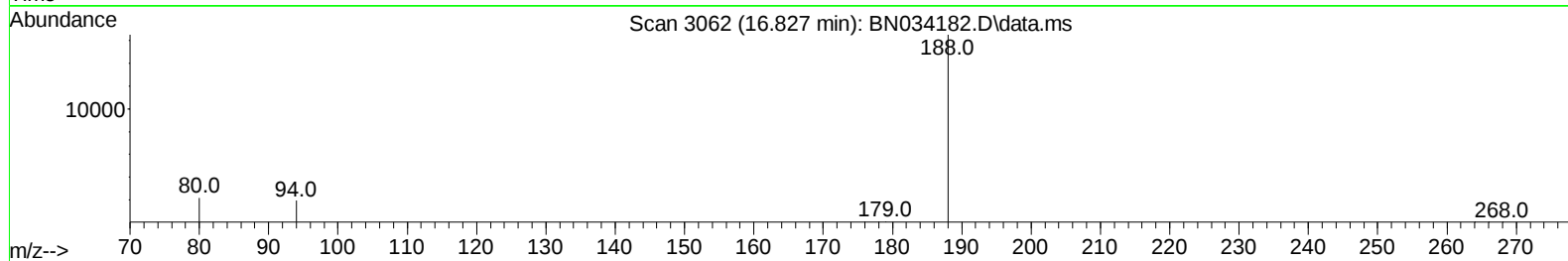
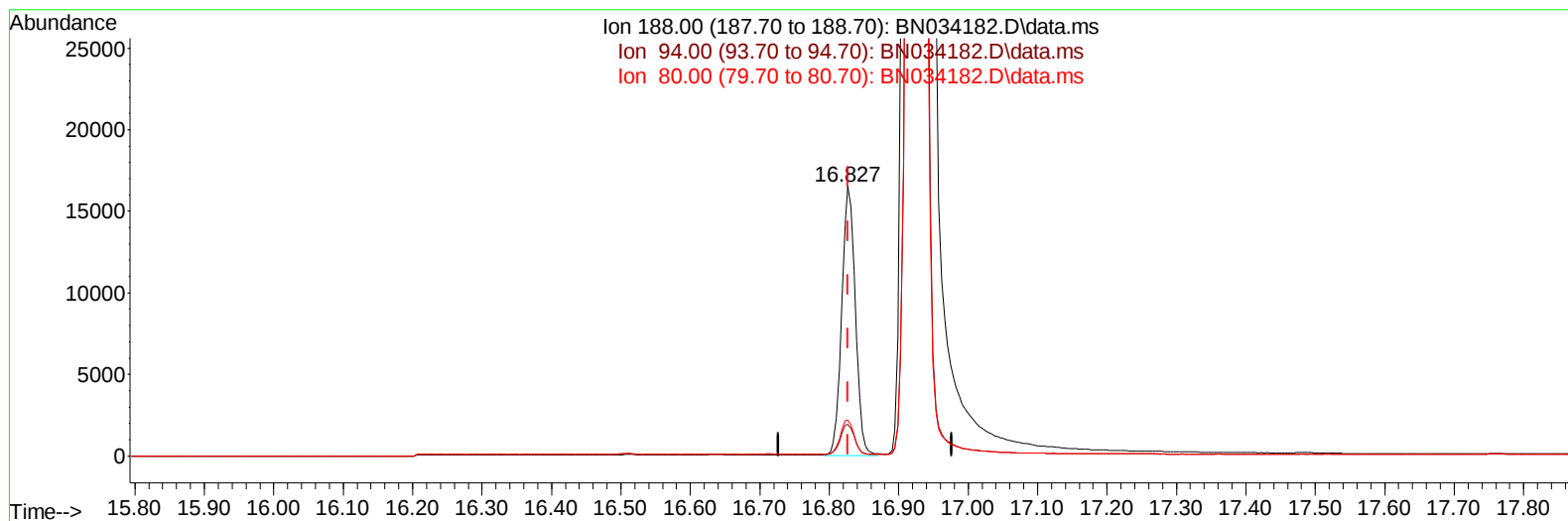
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN092424\  
Data File : BN034182.D  
Acq On : 24 Sep 2024 01:53  
Operator : RC/JU  
Sample : P4092-01  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
C0B15

Manual IntegrationsAPPROVED

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Reviewed By :Yogesh Patel 09/25/2024  
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TIC: BN034182.D\data.ms

(13) Phenanthrene-d10 (I)

16.827min (-0.000) 0.40 ng/u1 m

response 22599

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 188.00 | 100.00 | 100.00 |
| 94.00  | 10.30  | 11.74  |
| 80.00  | 11.50  | 13.26  |
| 0.00   | 0.00   | 0.00   |

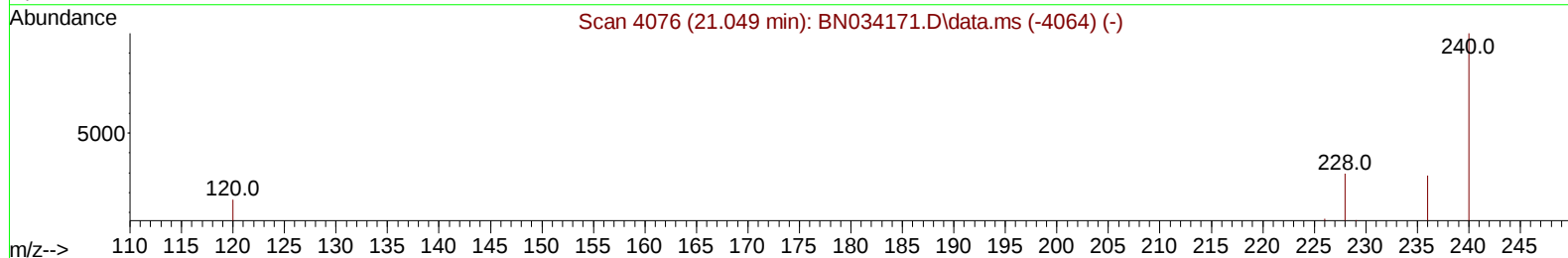
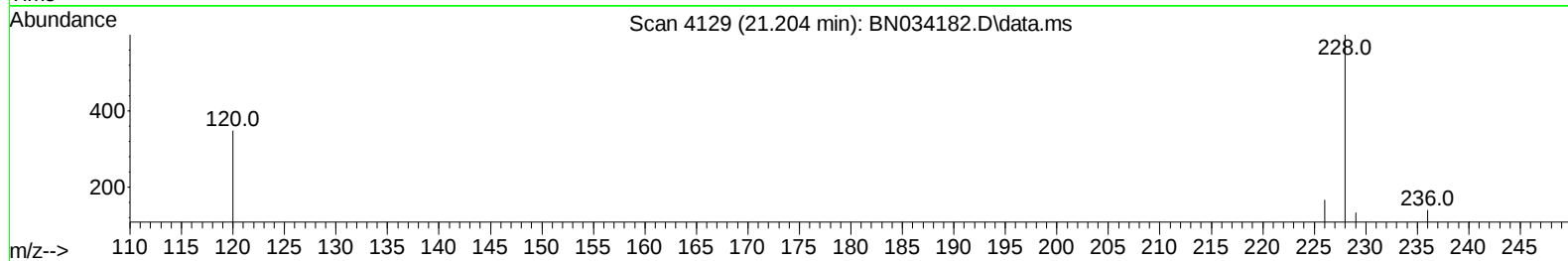
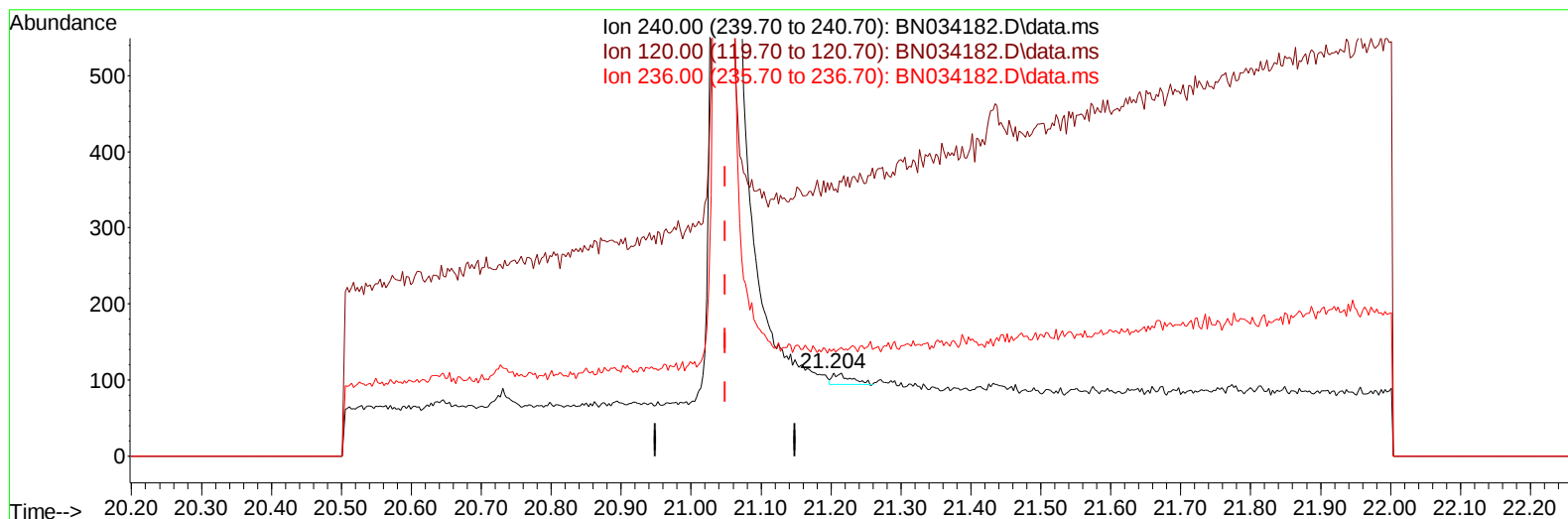
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN092424\  
Data File : BN034182.D  
Acq On : 24 Sep 2024 01:53  
Operator : RC/JU  
Sample : P4092-01  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
C0B15

Manual IntegrationsAPPROVED

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TIC: BN034182.D\data.ms

(17) Chrysene-d12

21.204min (+ 0.155) 0.40 ng/u1

response 27

| Ion    | Exp%   | Act%    |
|--------|--------|---------|
| 240.00 | 100.00 | 100.00  |
| 120.00 | 16.40  | 320.18# |
| 236.00 | 28.30  | 129.36# |
| 0.00   | 0.00   | 0.00    |

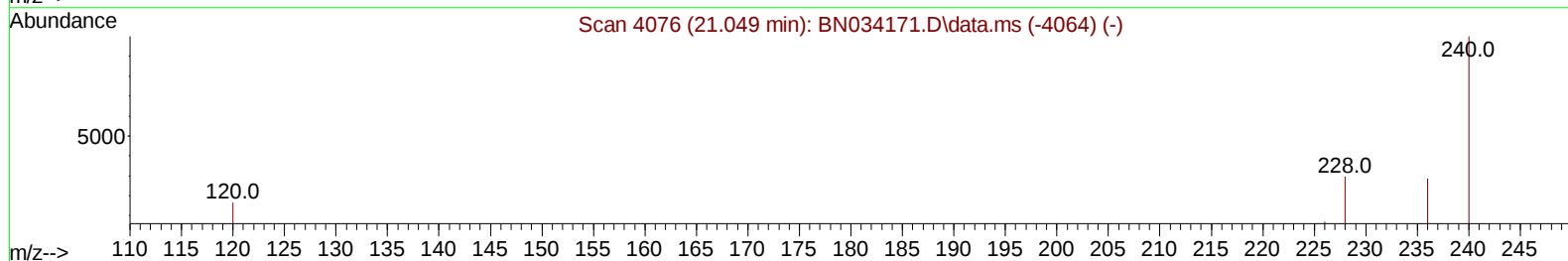
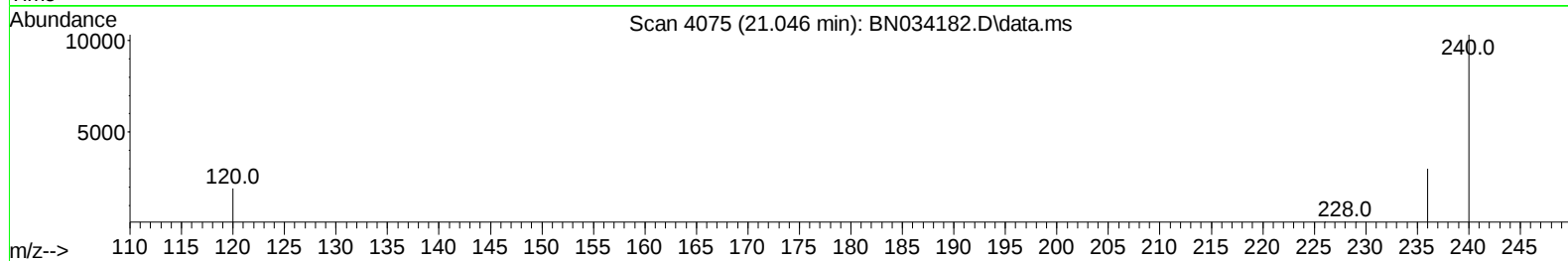
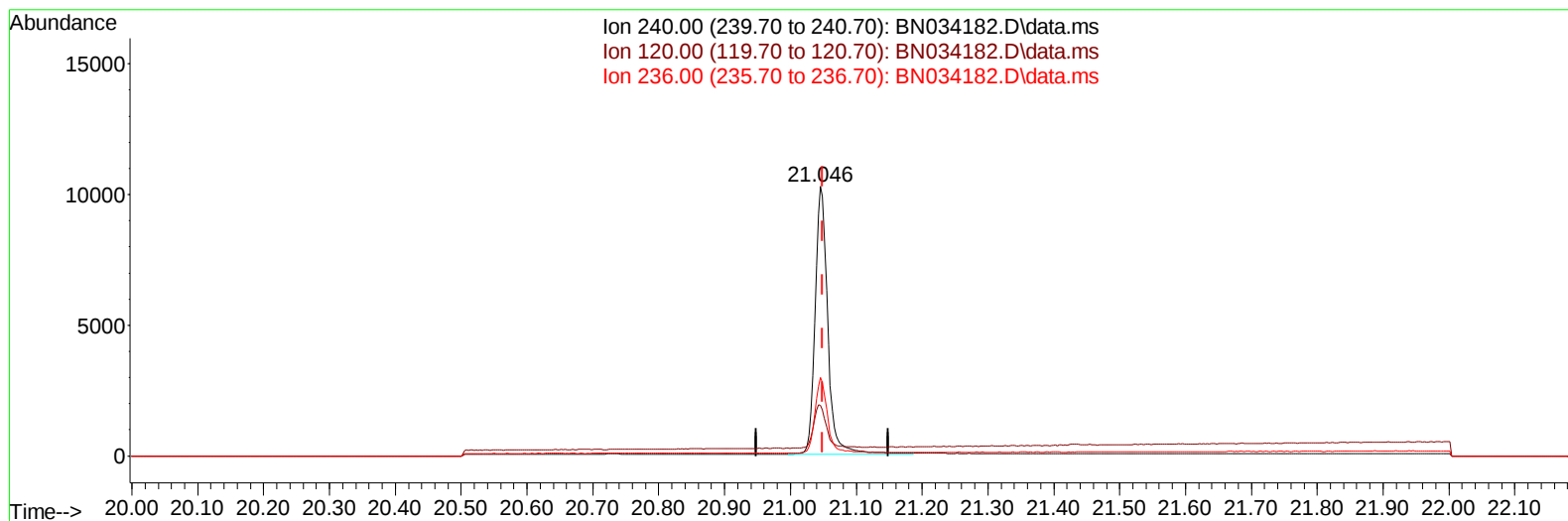
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN092424\  
Data File : BN034182.D  
Acq On : 24 Sep 2024 01:53  
Operator : RC/JU  
Sample : P4092-01  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
C0B15

Manual IntegrationsAPPROVED

Quant Time: Sep 24 03:12:47 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-SIM-BN082724.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Sep 23 19:39:10 2024  
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Reviewed By :Yogesh Patel 09/25/2024  
Supervised By :mohammad ahmed 09/25/2024



TIC: BN034182.D\data.ms

(17) Chrysene-d12

21.046min (-0.003) 0.40 ng/ul m

response 13551

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 240.00 | 100.00 | 100.00 |
| 120.00 | 16.40  | 18.69  |
| 236.00 | 28.30  | 29.08  |
| 0.00   | 0.00   | 0.00   |

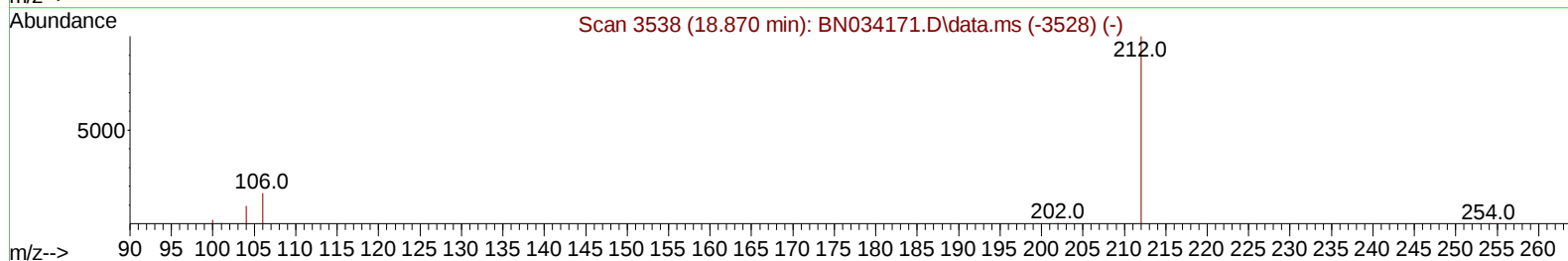
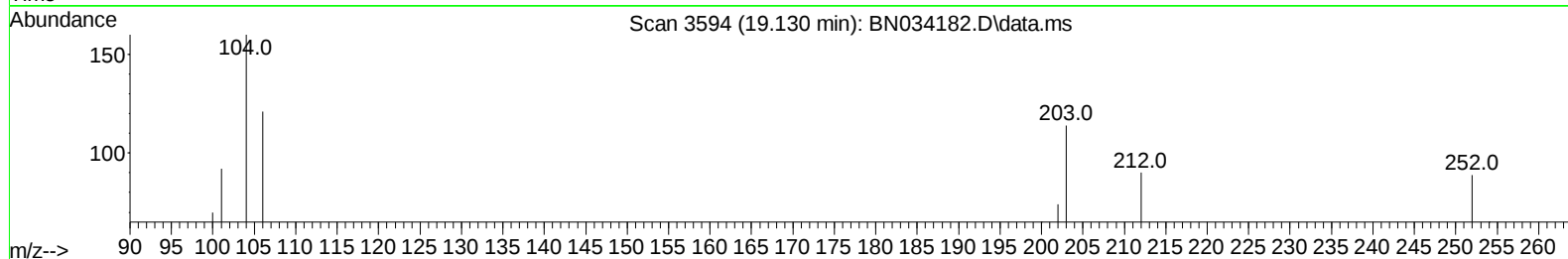
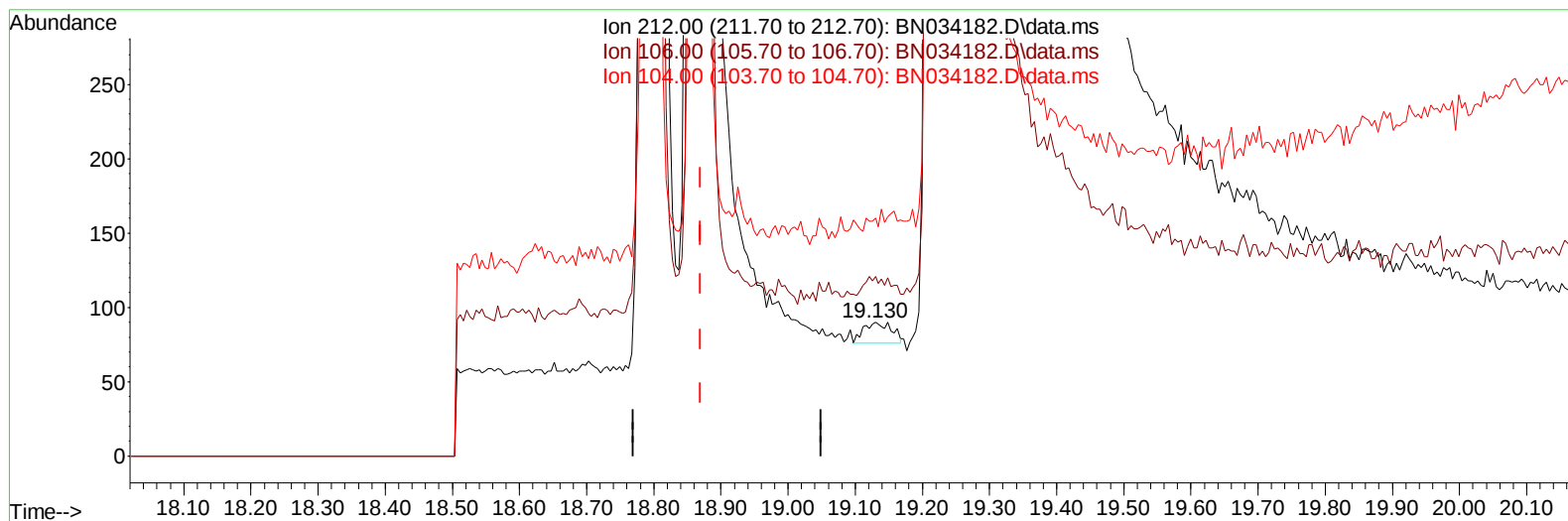
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN092424\  
Data File : BN034182.D  
Acq On : 24 Sep 2024 01:53  
Operator : RC/JU  
Sample : P4092-01  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
COB15

Manual IntegrationsAPPROVED

Quant Time: Sep 24 03:12:47 2024  
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Sep 23 19:39:10 2024  
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TIC: BN034182.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.130min (+ 0.260) 0.00 ng/u1

response 41

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 212.00 | 100.00 | 100.00 |
| 106.00 | 14.40  | 0.00#  |
| 104.00 | 8.30   | 14.63# |
| 0.00   | 0.00   | 0.00   |

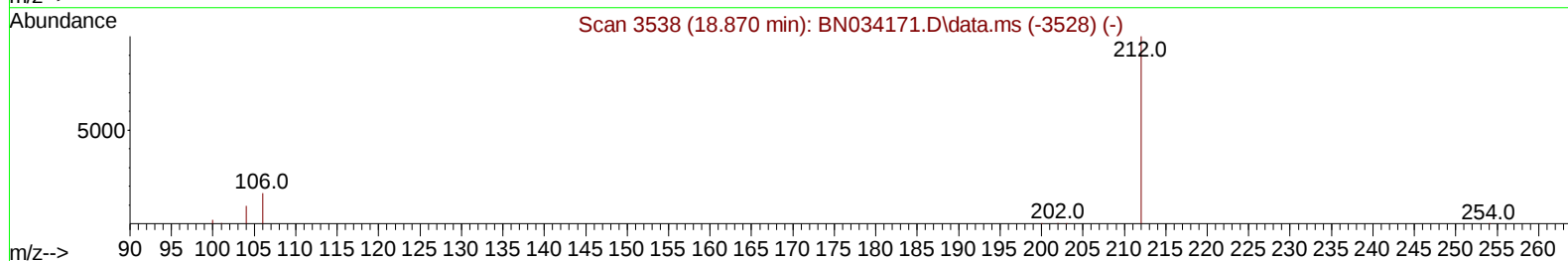
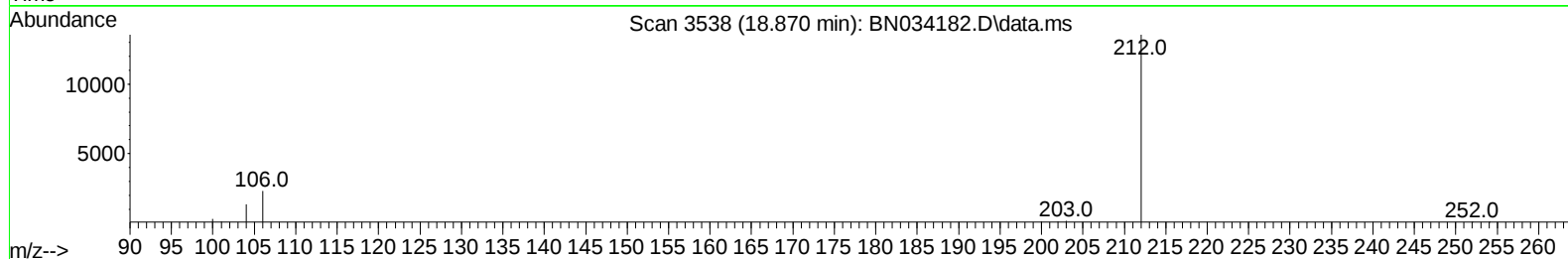
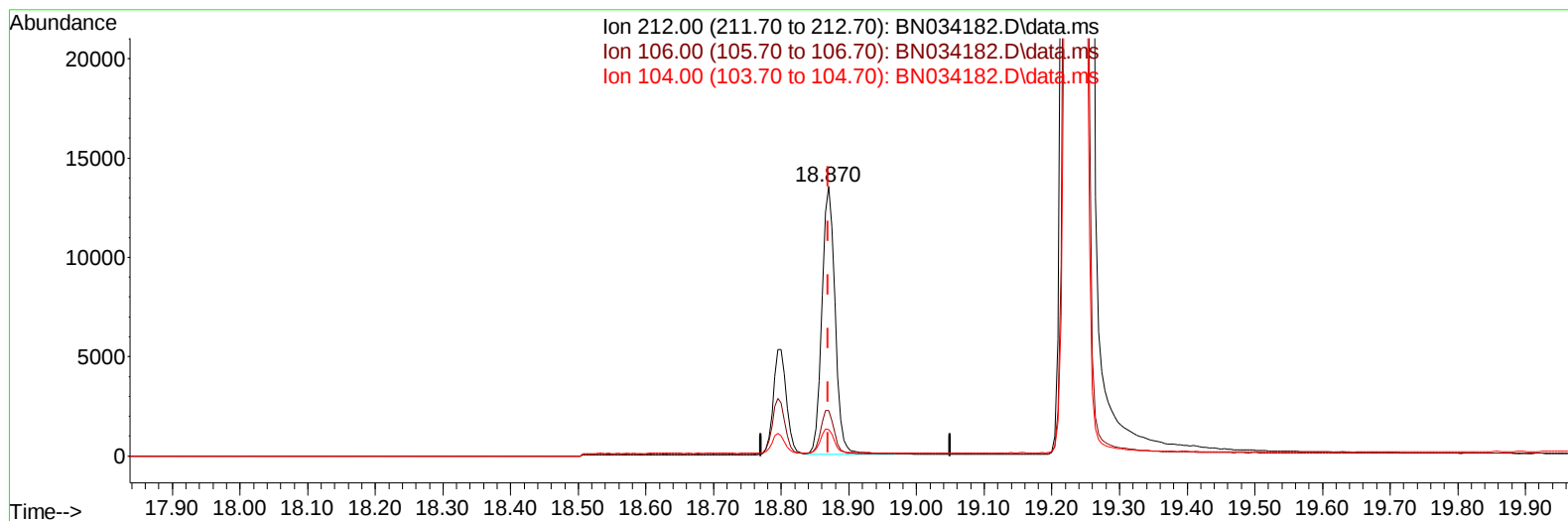
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN092424\  
Data File : BN034182.D  
Acq On : 24 Sep 2024 01:53  
Operator : RC/JU  
Sample : P4092-01  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
C0B15

Manual IntegrationsAPPROVED

Quant Time: Sep 24 03:12:47 2024  
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TIC: BN034182.D\data.ms

(18) Fluoranthene-d10 (SURR)

18.870min (-0.000) 0.45 ng/u1 m

response 18314

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 212.00 | 100.00 | 100.00 |
| 106.00 | 14.40  | 0.00#  |
| 104.00 | 8.30   | 0.03#  |
| 0.00   | 0.00   | 0.00   |

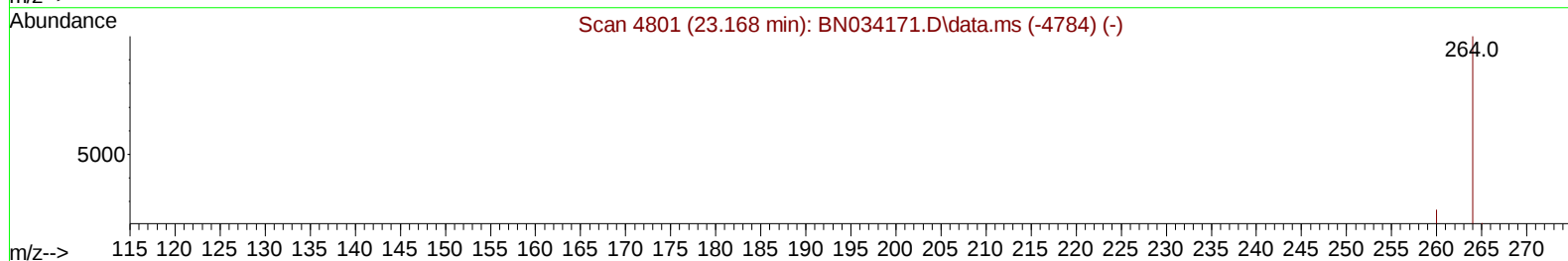
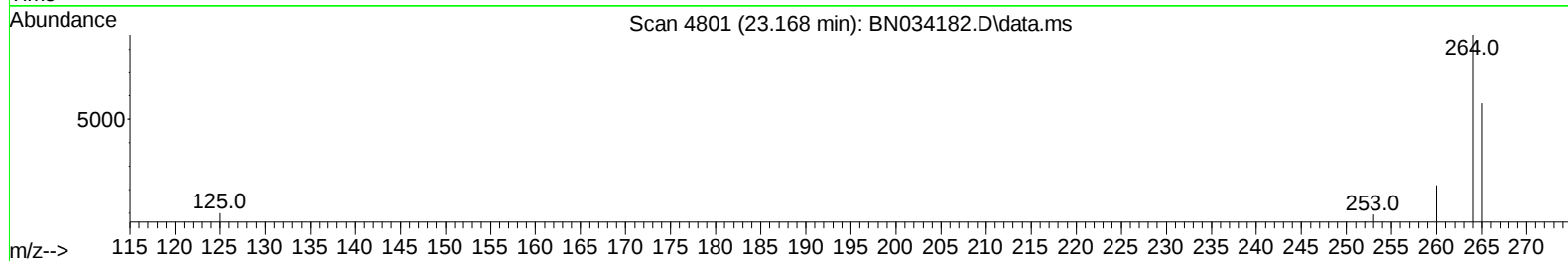
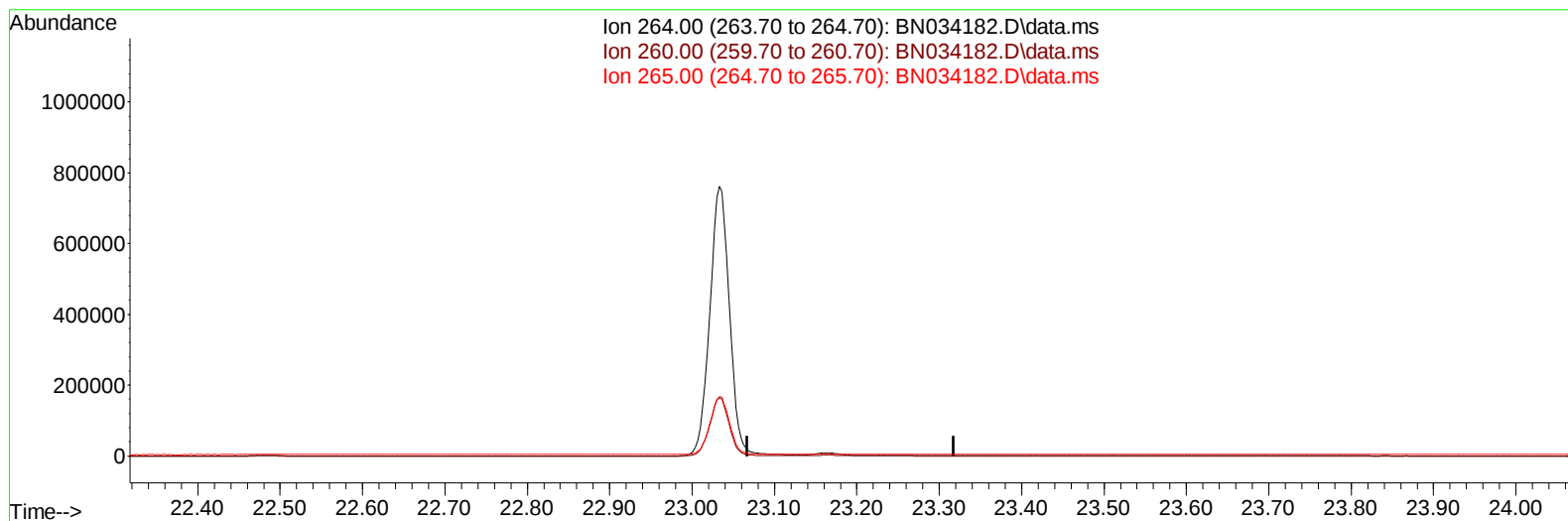
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN092424\  
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Acq On : 24 Sep 2024 01:53  
Operator : RC/JU  
Sample : P4092-01  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
C0B15

Manual IntegrationsAPPROVED

Quant Time: Sep 24 03:12:47 2024  
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TIC: BN034182.D\data.ms

(23) Perylene-d12 (I)

23.168min (-23.168) 0.00 ng/u1

response 0

| Ion    | Exp%   | Act%  |
|--------|--------|-------|
| 264.00 | 100.00 | 0.00  |
| 260.00 | 26.60  | 0.00# |
| 265.00 | 73.30  | 0.00# |
| 0.00   | 0.00   | 0.00  |

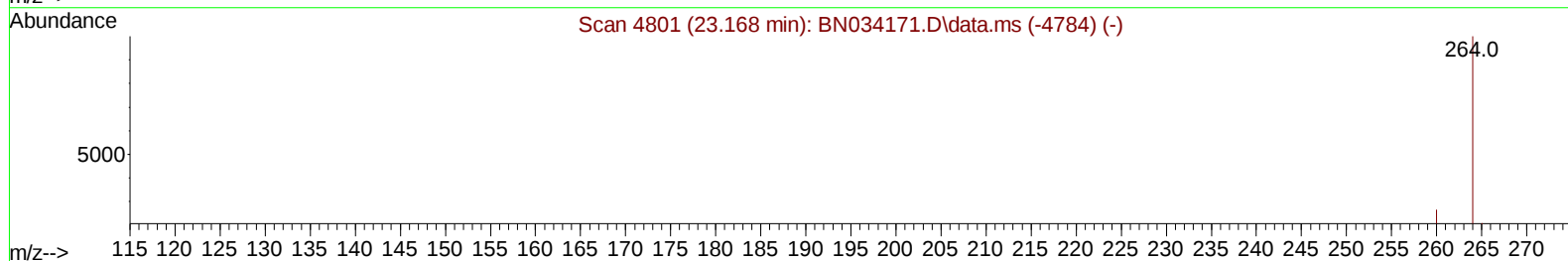
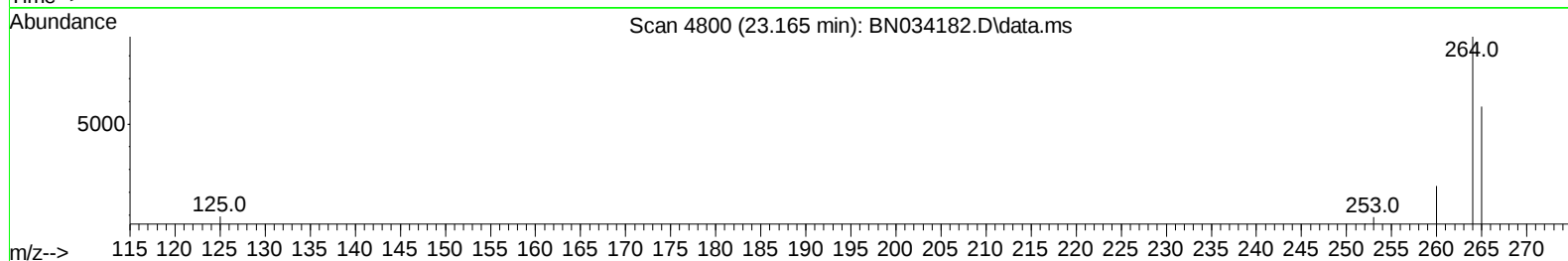
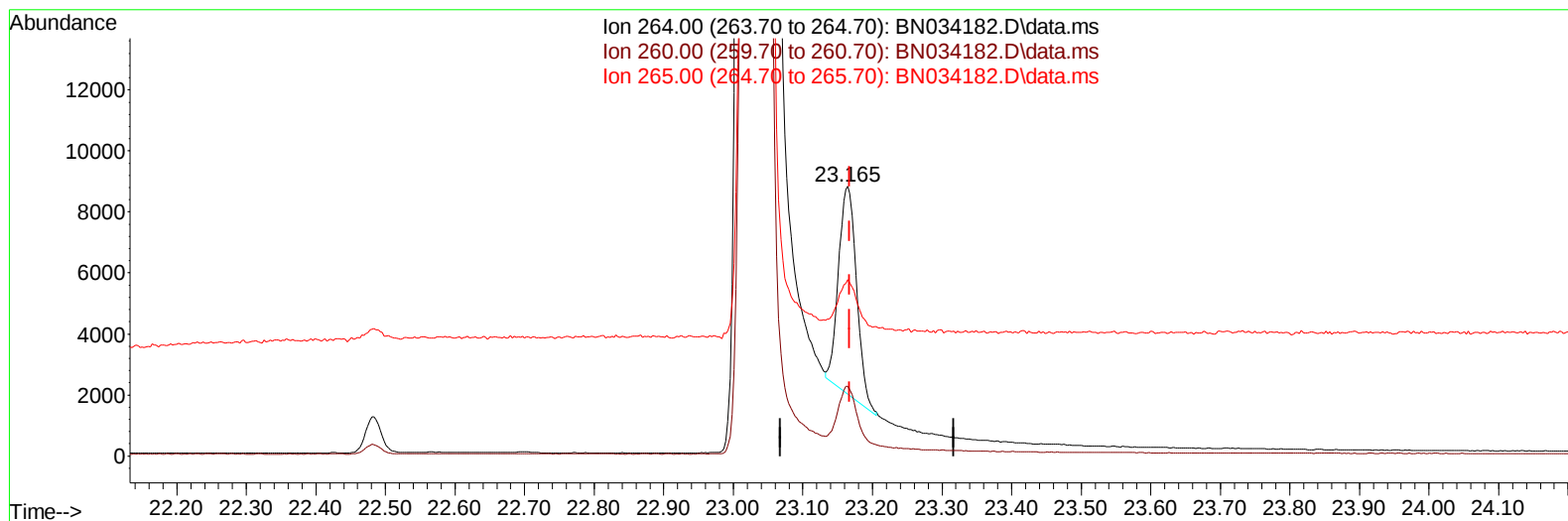
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN092424\  
Data File : BN034182.D  
Acq On : 24 Sep 2024 01:53  
Operator : RC/JU  
Sample : P4092-01  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
C0B15

Manual IntegrationsAPPROVED

Quant Time: Sep 24 03:12:47 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-SIM-BN082724.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Sep 23 19:39:10 2024  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 09/25/2024  
Supervised By :mohammad ahmed 09/25/2024



TIC: BN034182.D\data.ms

(23) Perylene-d12 (I)

23.165min (-0.003) 0.40 ng/ul m

response 12149

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 264.00 | 100.00 | 100.00 |
| 260.00 | 26.60  | 25.78  |
| 265.00 | 73.30  | 65.35  |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN092424\  
 Data File : BN034182.D  
 Acq On : 24 Sep 2024 01:53  
 Operator : RC/JU  
 Sample : P4092-01  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 C0B15

## Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/25/2024  
 Supervised By :mohammad ahmed 09/25/2024

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| Compound                    | R.T.   | Q   | Ion | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|-----|-----|----------|-------|--------|----------|
| -----                       |        |     |     |          |       |        |          |
| Internal Standards          |        |     |     |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.423  | 152 |     | 6750     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.179 | 136 |     | 20885    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.074 | 164 |     | 12398    | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 16.827 | 188 |     | 22599m   | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.046 | 240 |     | 13551m   | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.165 | 264 |     | 12149m   | 0.400 | ng/ul  | 0.00     |
|                             |        |     |     |          |       |        |          |
| System Monitoring Compounds |        |     |     |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.039  | 96  |     | 37438    | 5.395 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 11.780 | 152 |     | 10217    | 0.341 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 18.870 | 212 |     | 18314m   | 0.453 | ng/ul  | 0.00     |
|                             |        |     |     |          |       |        |          |
| Target Compounds            |        |     |     |          |       |        | Qvalue   |
| 2) 1,4-Dioxane              | 3.073  | 88  |     | 5831     | 0.757 | ng/ul# | 85       |
| -----                       |        |     |     |          |       |        |          |

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

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Sample : P4092-01  
Misc :  
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BNA\_N  
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C0B15

Manual IntegrationsAPPROVED

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