

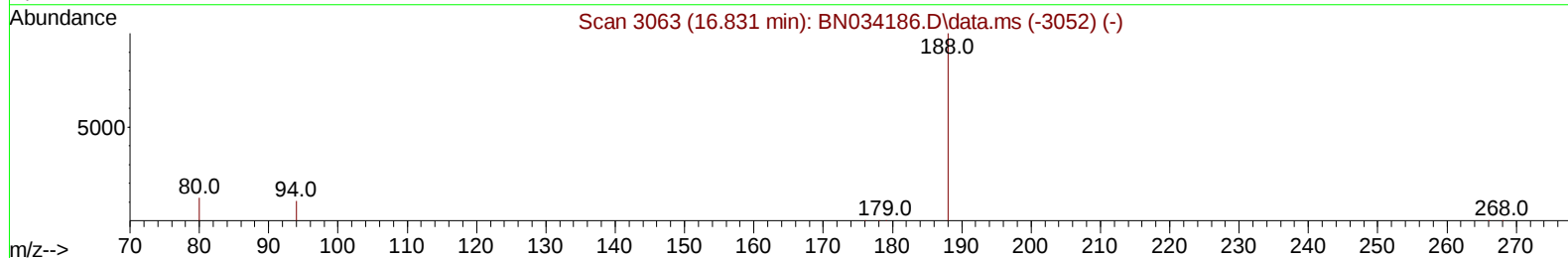
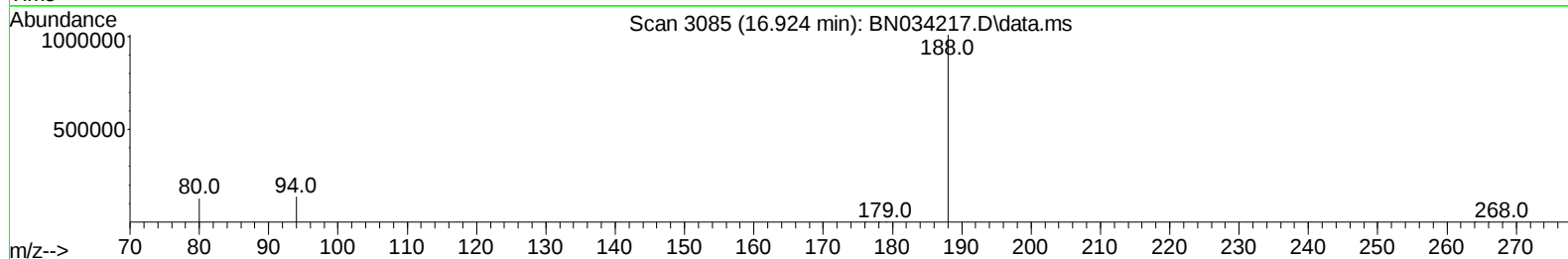
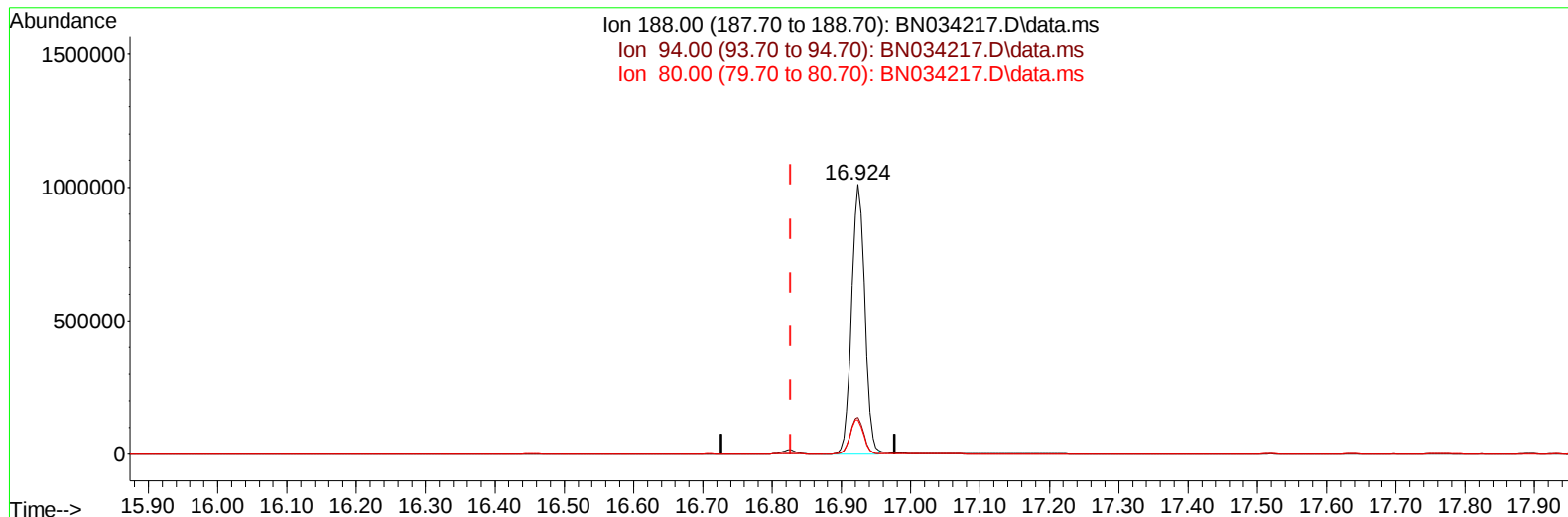
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN092424\  
Data File : BN034217.D  
Acq On : 25 Sep 2024 00:46  
Operator : RC/JU  
Sample : P4107-12  
Misc :  
ALS Vial : 51 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
C0B34

Manual IntegrationsAPPROVED

Quant Time: Sep 25 01:12:26 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: BN034217.D\data.ms

(13) Phenanthrene-d10 (I)

16.924min (+ 0.097) 0.40 ng/u1

response 1337169

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 188.00 | 100.00 | 100.00 |
| 94.00  | 10.30  | 13.47# |
| 80.00  | 11.50  | 12.58  |
| 0.00   | 0.00   | 0.00   |

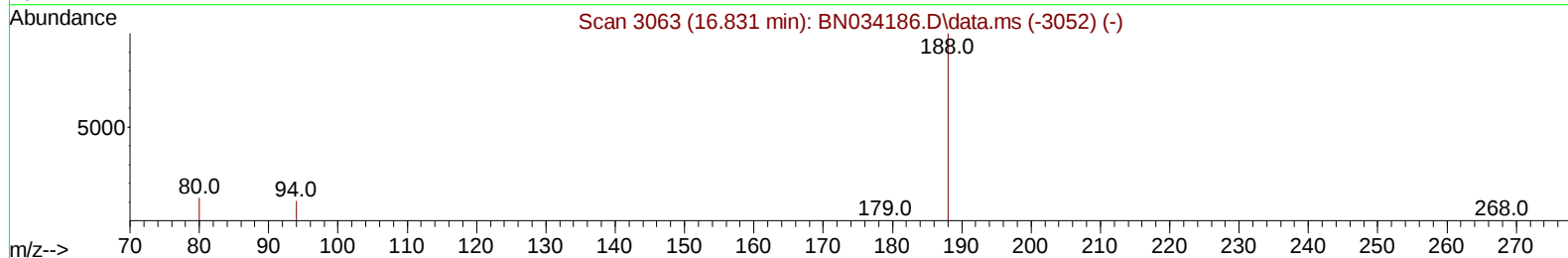
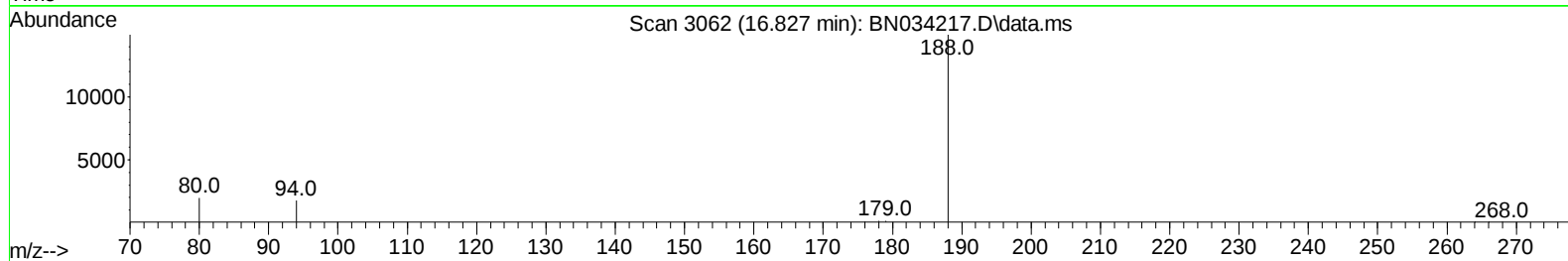
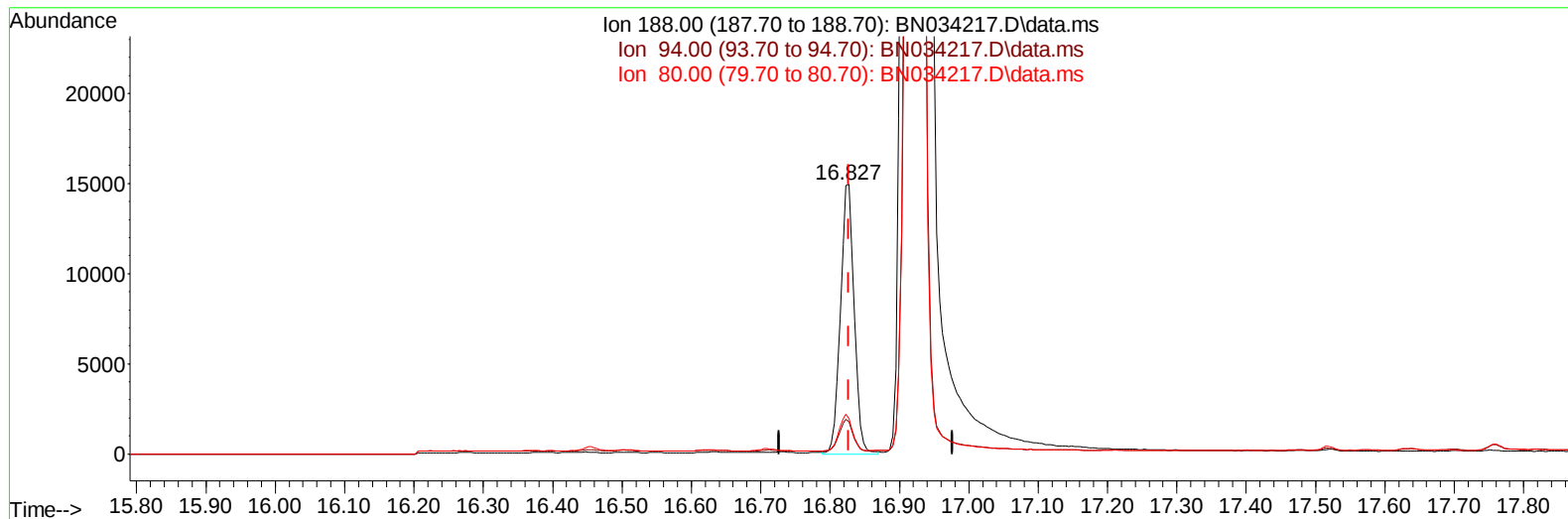
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN092424\  
Data File : BN034217.D  
Acq On : 25 Sep 2024 00:46  
Operator : RC/JU  
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Misc :  
ALS Vial : 51 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
C0B34

Manual IntegrationsAPPROVED

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



TIC: BN034217.D\data.ms

(13) Phenanthrene-d10 (I)

16.827min (-0.000) 0.40 ng/u1 m

response 20563

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 188.00 | 100.00 | 100.00 |
| 94.00  | 10.30  | 11.82  |
| 80.00  | 11.50  | 13.17  |
| 0.00   | 0.00   | 0.00   |

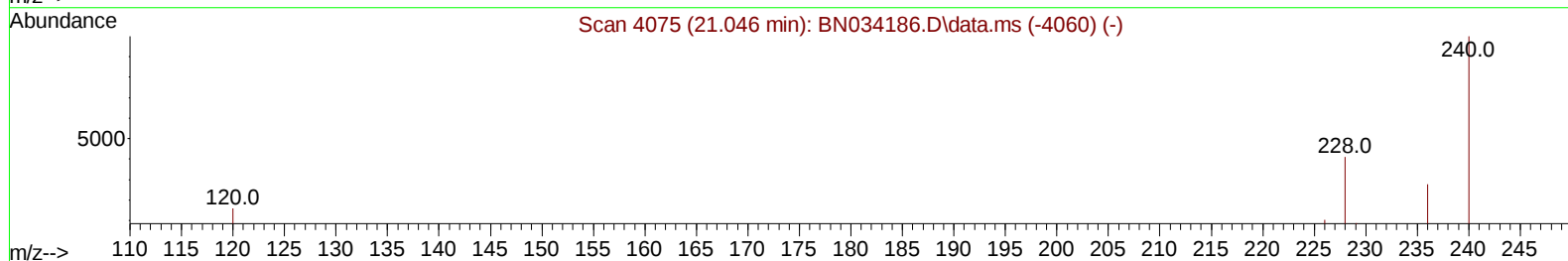
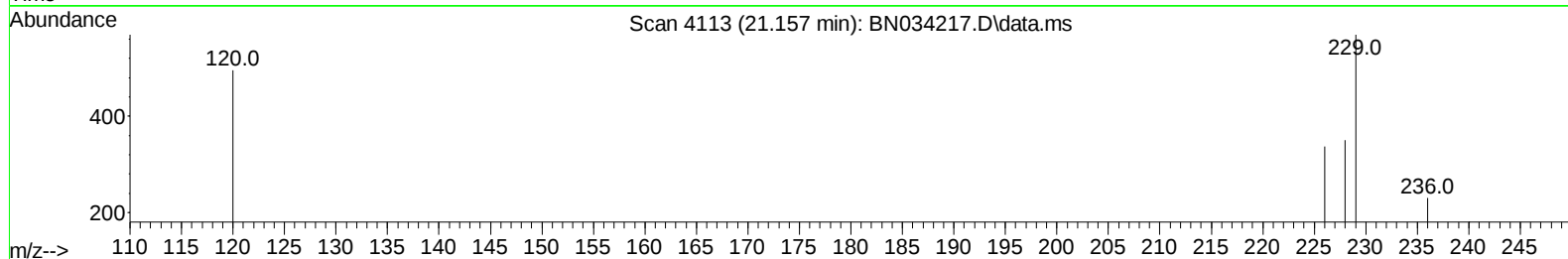
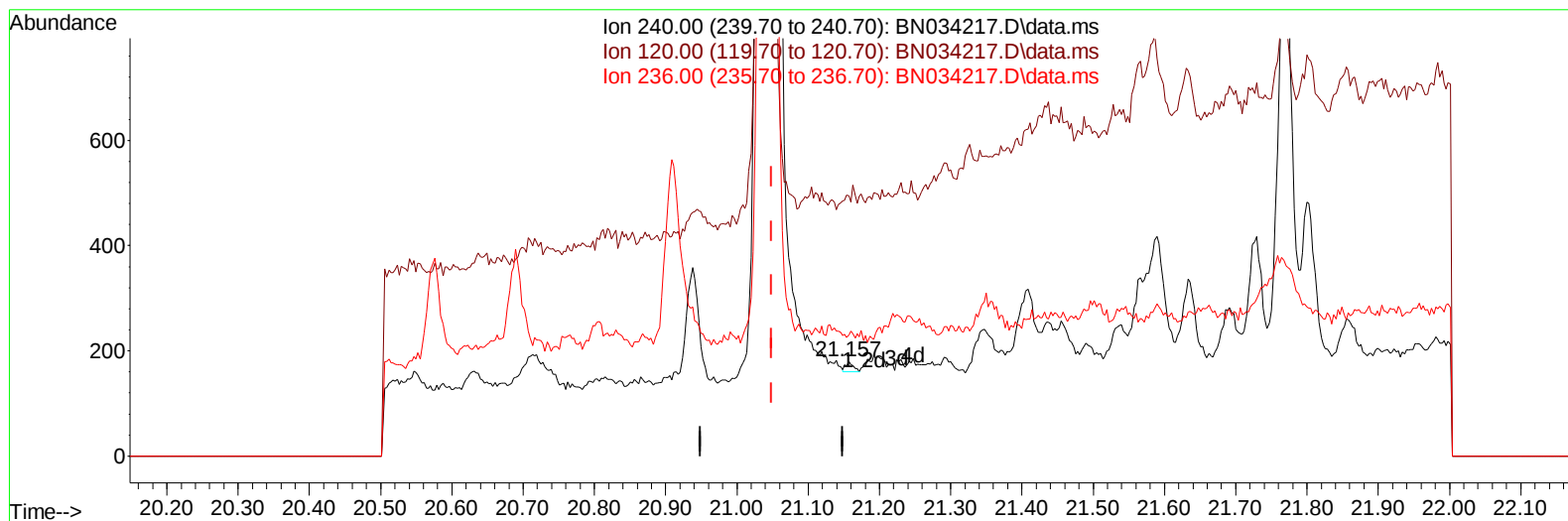
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN092424\  
Data File : BN034217.D  
Acq On : 25 Sep 2024 00:46  
Operator : RC/JU  
Sample : P4107-12  
Misc :  
ALS Vial : 51 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
C0B34

Manual IntegrationsAPPROVED

Quant Time: Sep 25 01:12:26 2024  
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TIC: BN034217.D\data.ms

(17) Chrysene-d12

21.157min (+ 0.108) 0.40 ng/u1

response 14

| Ion    | Exp%   | Act%    |
|--------|--------|---------|
| 240.00 | 100.00 | 100.00  |
| 120.00 | 16.40  | 275.00# |
| 236.00 | 28.30  | 127.78# |
| 0.00   | 0.00   | 0.00    |

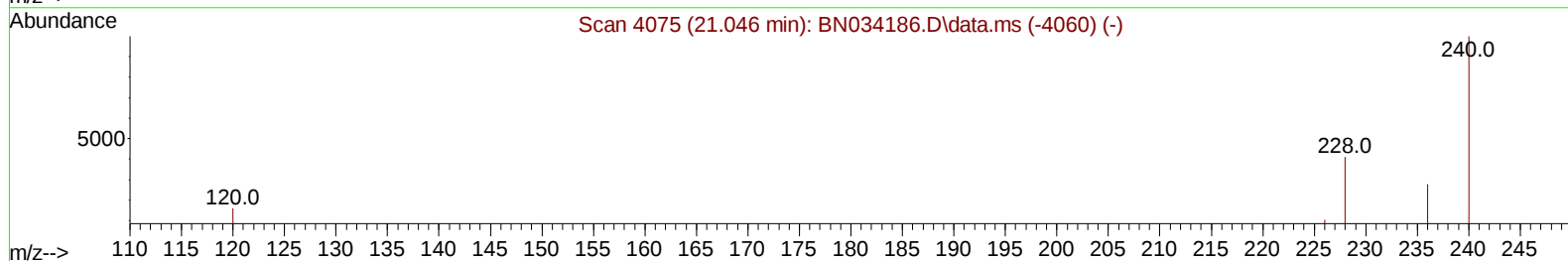
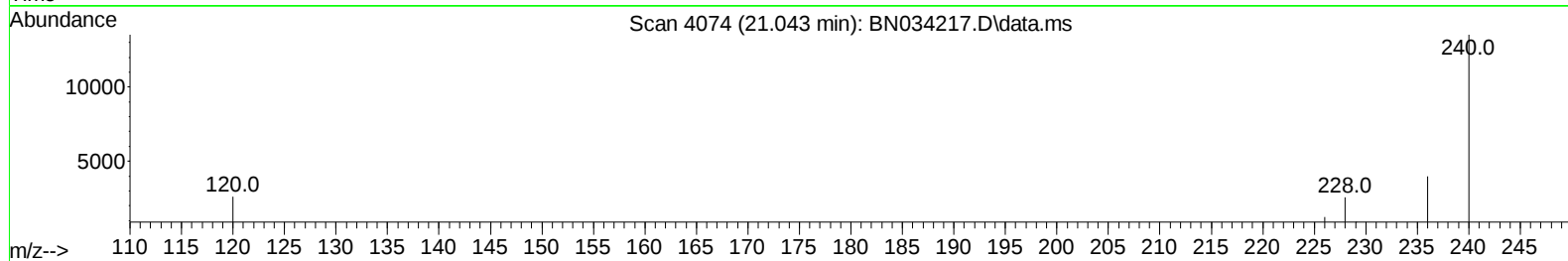
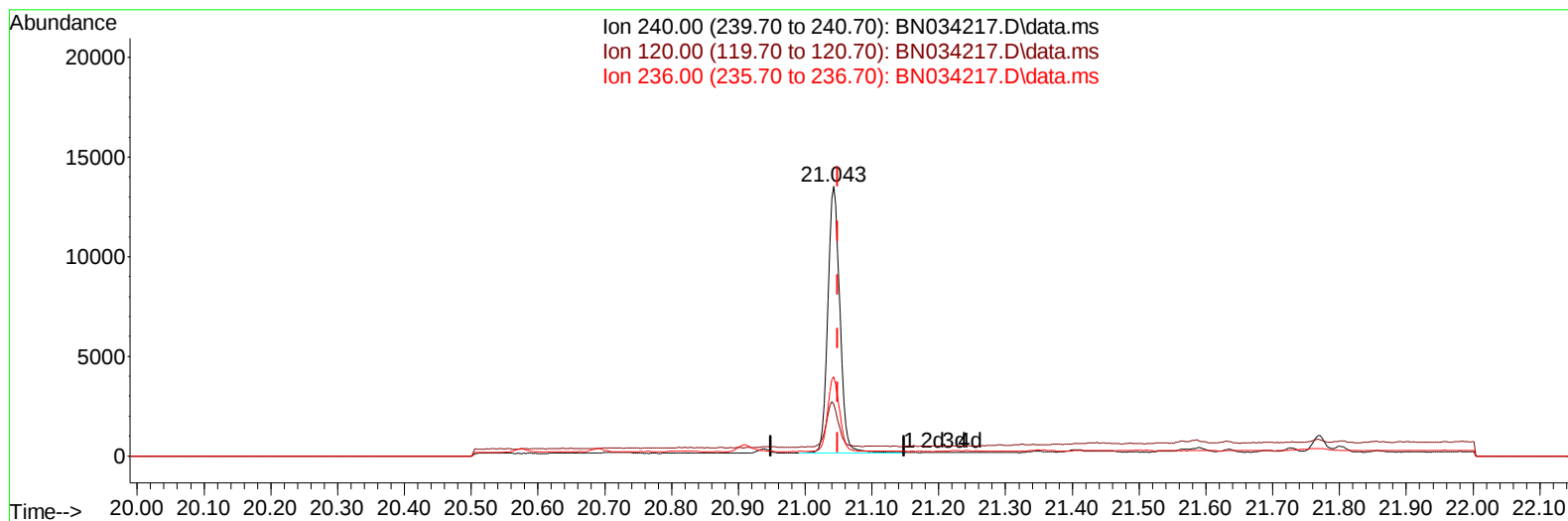
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN092424\  
Data File : BN034217.D  
Acq On : 25 Sep 2024 00:46  
Operator : RC/JU  
Sample : P4107-12  
Misc :  
ALS Vial : 51 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
C0B34

Manual IntegrationsAPPROVED

Quant Time: Sep 25 01:12:26 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: BN034217.D\data.ms

(17) Chrysene-d12

21.043min (-0.006) 0.40 ng/u1 m

response 16865

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 240.00 | 100.00 | 100.00 |
| 120.00 | 16.40  | 19.30  |
| 236.00 | 28.30  | 29.30  |
| 0.00   | 0.00   | 0.00   |

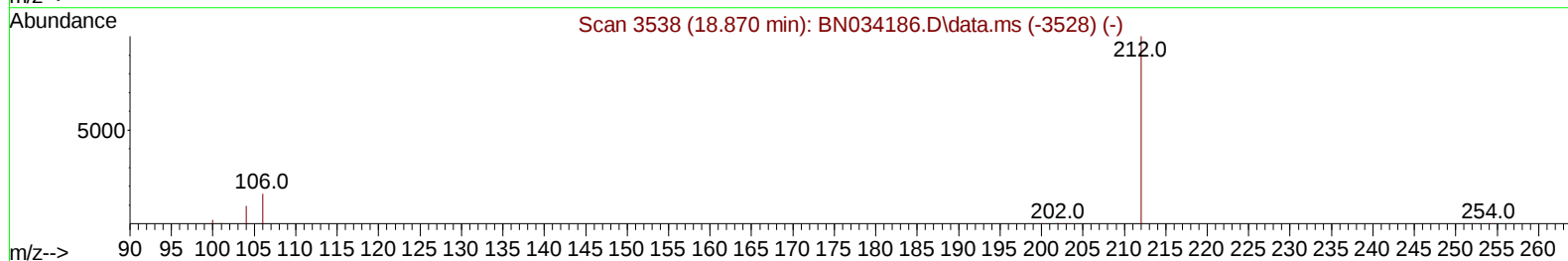
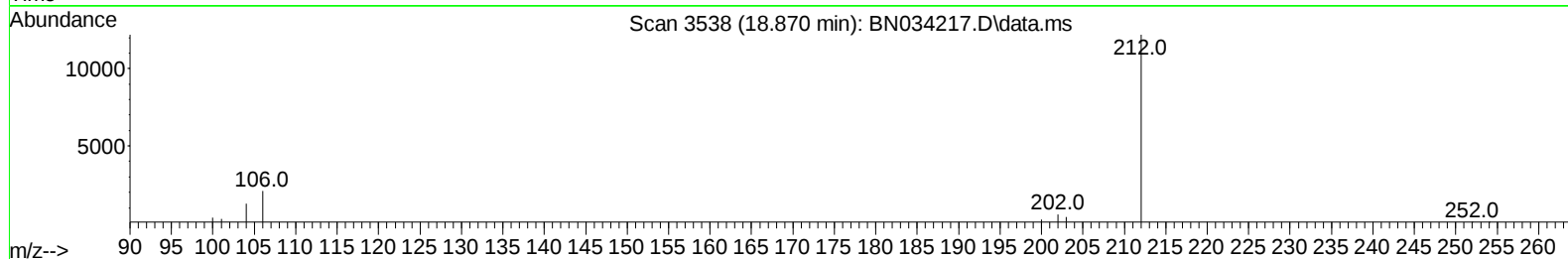
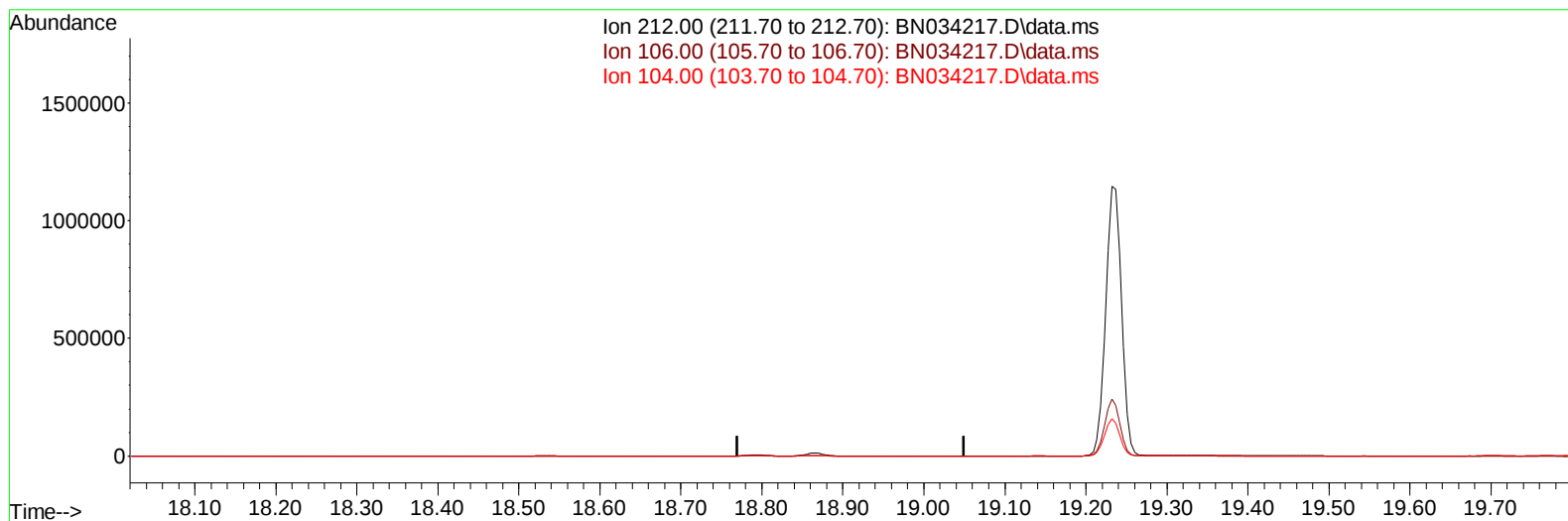
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN092424\  
Data File : BN034217.D  
Acq On : 25 Sep 2024 00:46  
Operator : RC/JU  
Sample : P4107-12  
Misc :  
ALS Vial : 51 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
C0B34

Manual IntegrationsAPPROVED

Quant Time: Sep 25 01:12:26 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-SIM-BN082724.M  
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QLast Update : Mon Sep 23 19:39:10 2024  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 09/25/2024  
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TIC: BN034217.D\data.ms

(18) Fluoranthene-d10 (SURR)

18.870min (-18.870) 0.00 ng/u1

response 0

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

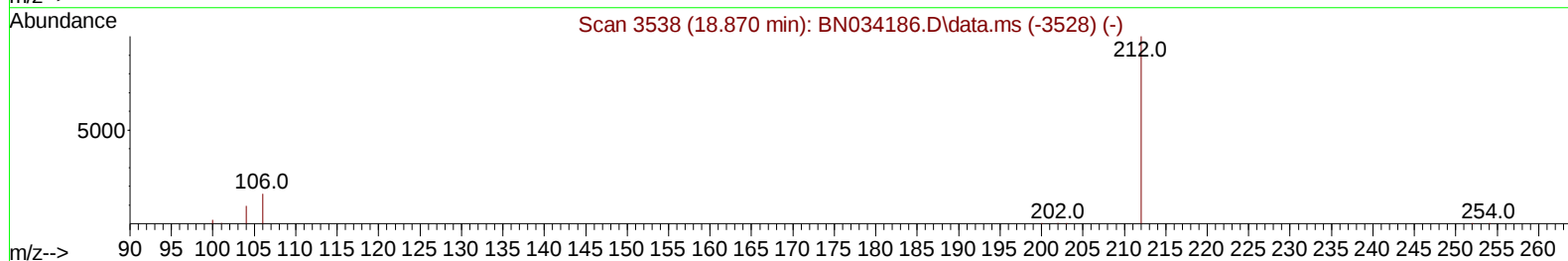
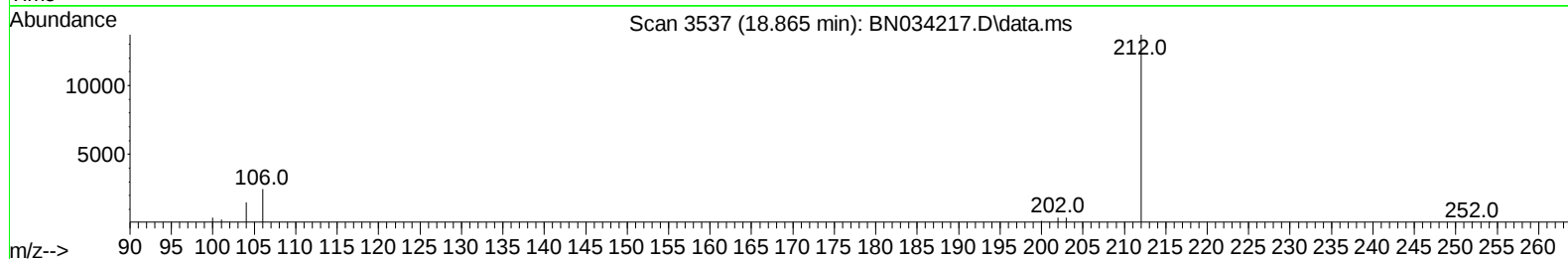
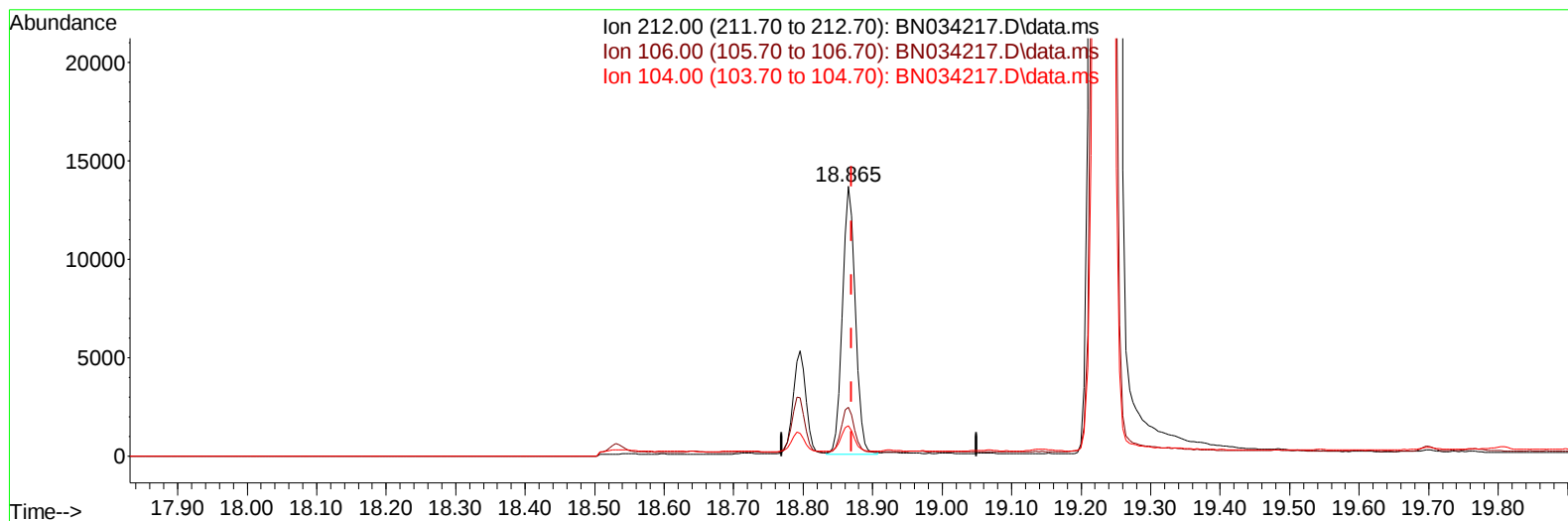
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN092424\  
Data File : BN034217.D  
Acq On : 25 Sep 2024 00:46  
Operator : RC/JU  
Sample : P4107-12  
Misc :  
ALS Vial : 51 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
C0B34

Manual IntegrationsAPPROVED

Quant Time: Sep 25 01:12:26 2024  
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Response via : Initial Calibration

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



TIC: BN034217.D\data.ms

(18) Fluoranthene-d10 (SURR)

18.865min (-0.005) 0.35 ng/u1 m

response 17728

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

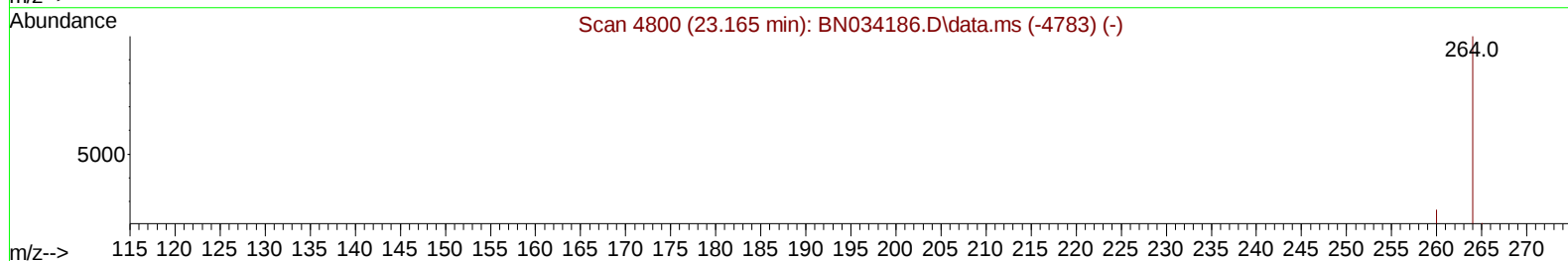
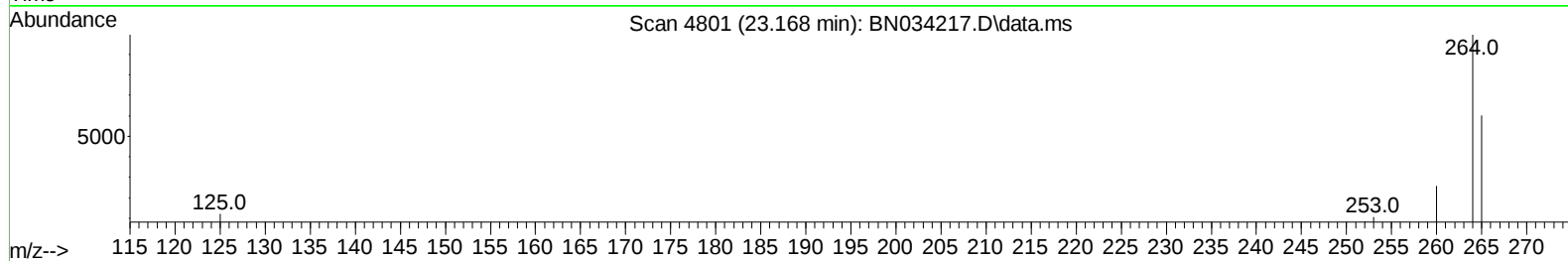
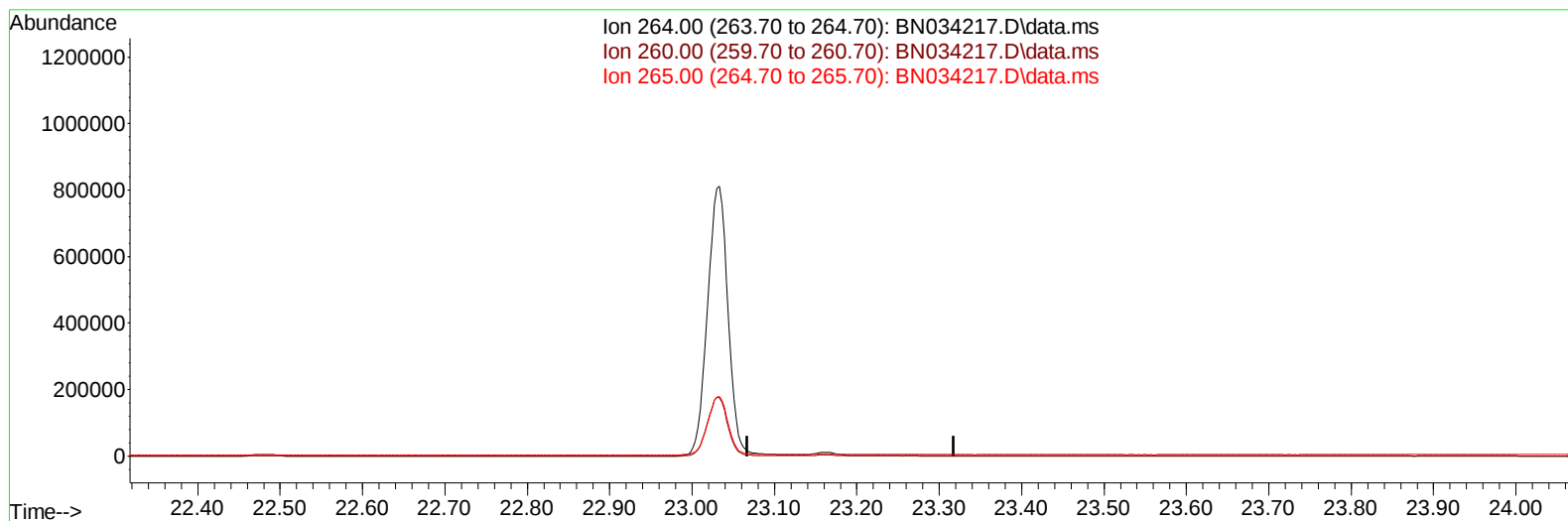
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN092424\  
Data File : BN034217.D  
Acq On : 25 Sep 2024 00:46  
Operator : RC/JU  
Sample : P4107-12  
Misc :  
ALS Vial : 51 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
C0B34

Manual IntegrationsAPPROVED

Quant Time: Sep 25 01:12:26 2024  
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TIC: BN034217.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  |

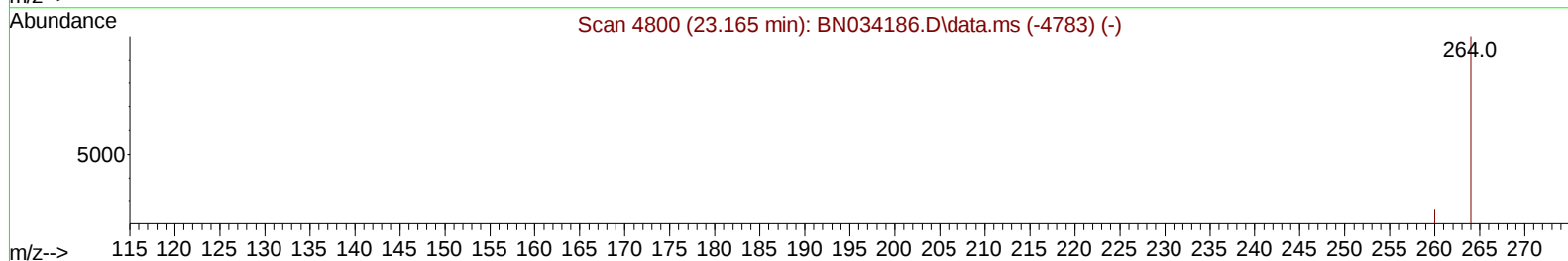
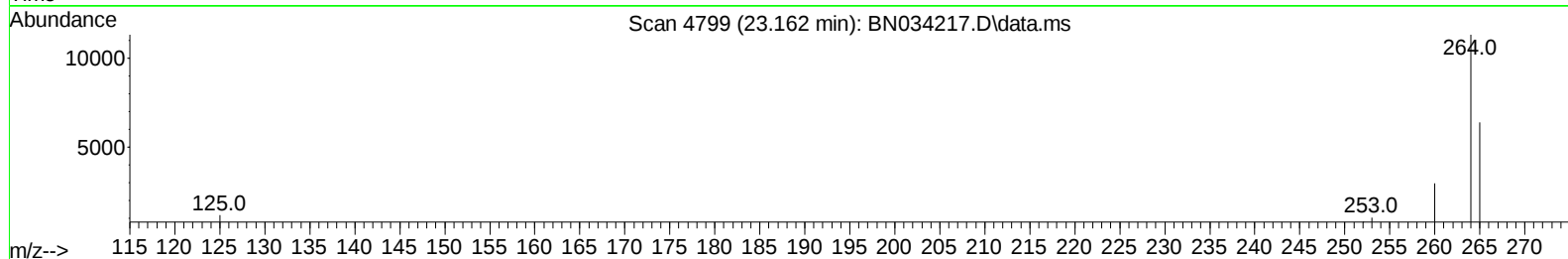
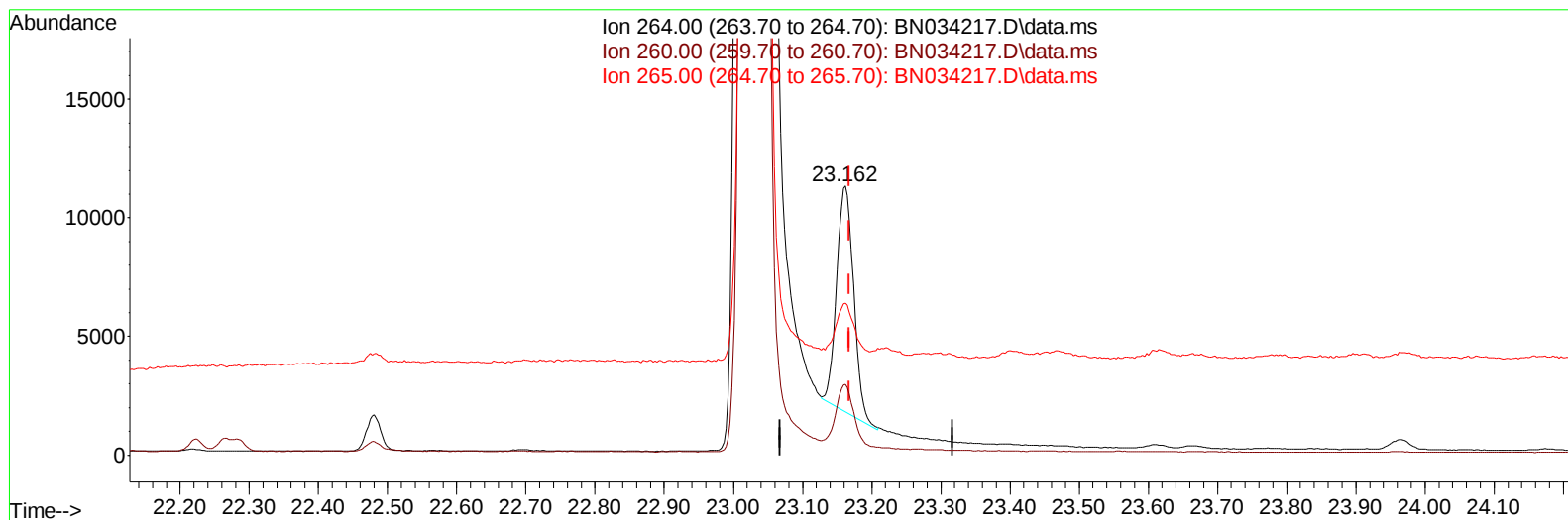
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN092424\  
Data File : BN034217.D  
Acq On : 25 Sep 2024 00:46  
Operator : RC/JU  
Sample : P4107-12  
Misc :  
ALS Vial : 51 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
C0B34

Manual IntegrationsAPPROVED

Quant Time: Sep 25 01:12:26 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: BN034217.D\data.ms

(23) Perylene-d12 (I)

23.162min (-0.006) 0.40 ng/ul m

response 16253

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 264.00 | 100.00 | 100.00 |
| 260.00 | 26.60  | 26.28  |
| 265.00 | 73.30  | 56.50# |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN092424\  
 Data File : BN034217.D  
 Acq On : 25 Sep 2024 00:46  
 Operator : RC/JU  
 Sample : P4107-12  
 Misc :  
 ALS Vial : 51 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 C0B34

## Manual IntegrationsAPPROVED

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

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 QLast Update : Mon Sep 23 19:39:10 2024  
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| Compound                    | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|--------|------|----------|-------|-------|----------|
| -----                       |        |      |          |       |       |          |
| Internal Standards          |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.419  | 152  | 6678     | 0.400 | ng/ul | 0.00     |
| 4) Naphthalene-d8           | 10.174 | 136  | 18922    | 0.400 | ng/ul | 0.00     |
| 9) Acenaphthene-d10         | 14.069 | 164  | 10402    | 0.400 | ng/ul | 0.00     |
| 13) Phenanthrene-d10        | 16.827 | 188  | 20563m   | 0.400 | ng/ul | 0.00     |
| 17) Chrysene-d12            | 21.043 | 240  | 16865m   | 0.400 | ng/ul | 0.00     |
| 23) Perylene-d12            | 23.162 | 264  | 16253m   | 0.400 | ng/ul | 0.00     |
|                             |        |      |          |       |       |          |
| System Monitoring Compounds |        |      |          |       |       |          |
| 3) 1,4-Dioxane-d8           | 3.035  | 96   | 33628    | 4.898 | ng/ul | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 11.774 | 152  | 8095     | 0.298 | ng/ul | 0.00     |
| 18) Fluoranthene-d10        | 18.865 | 212  | 17728m   | 0.353 | ng/ul | 0.00     |

Target Compounds Qvalue

-----

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

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