

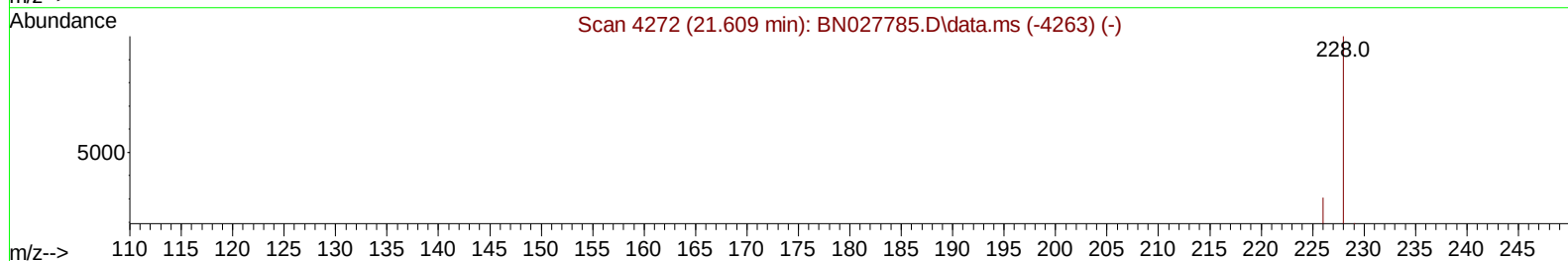
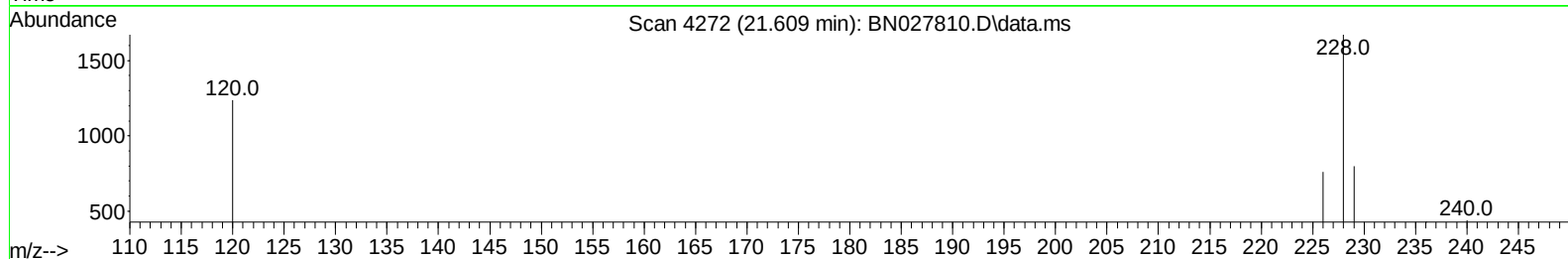
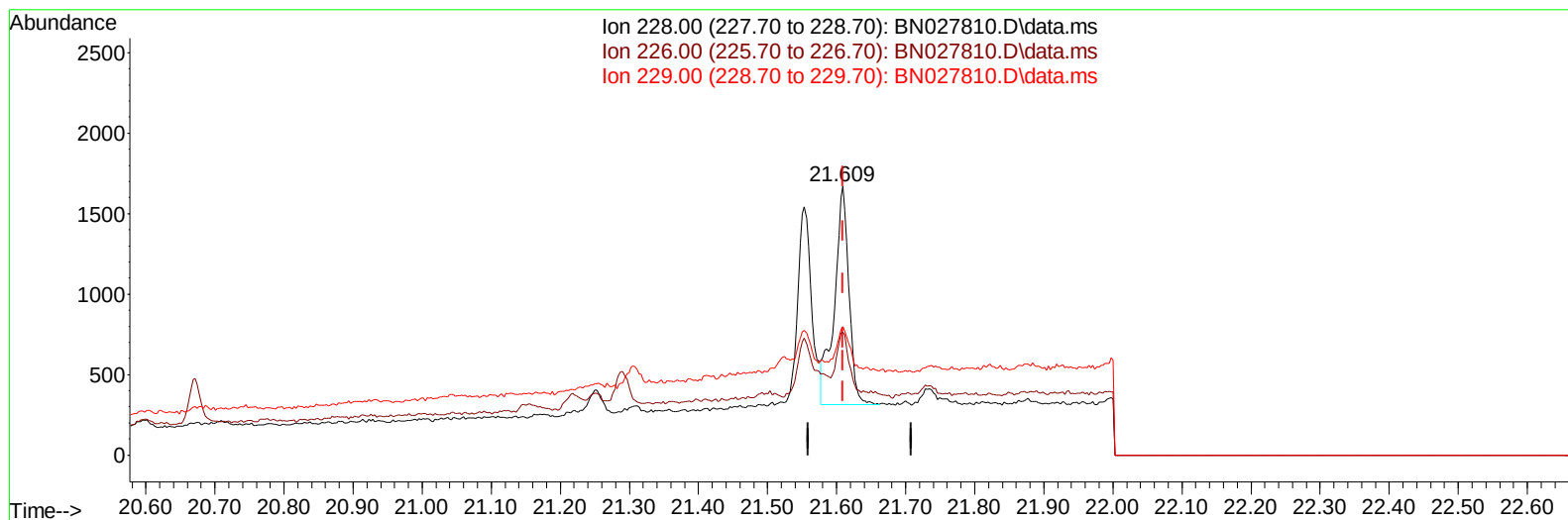
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN092223\  
Data File : BN027810.D  
Acq On : 22 Sep 2023 05:45  
Operator : MA/JU  
Sample : 04332-21  
Misc :  
ALS Vial : 28 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
C0AG9

Manual IntegrationsAPPROVED

Quant Time: Sep 22 06:28:08 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-SIM-BN091523.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Sep 22 03:58:00 2023  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 09/25/2023  
Supervised By :mohammad ahmed 09/25/2023



TIC: BN027810.D\data.ms

(22) Chrysene

21.609min (-0.000) 0.03 ng/u1

response 2000

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 228.00 | 100.00 | 100.00 |
| 226.00 | 30.60  | 45.60# |
| 229.00 | 20.00  | 47.82# |
| 0.00   | 0.00   | 0.00   |

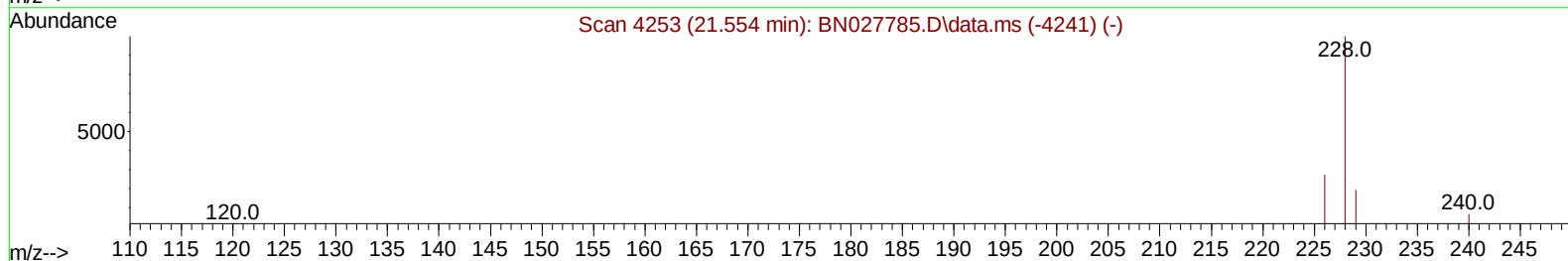
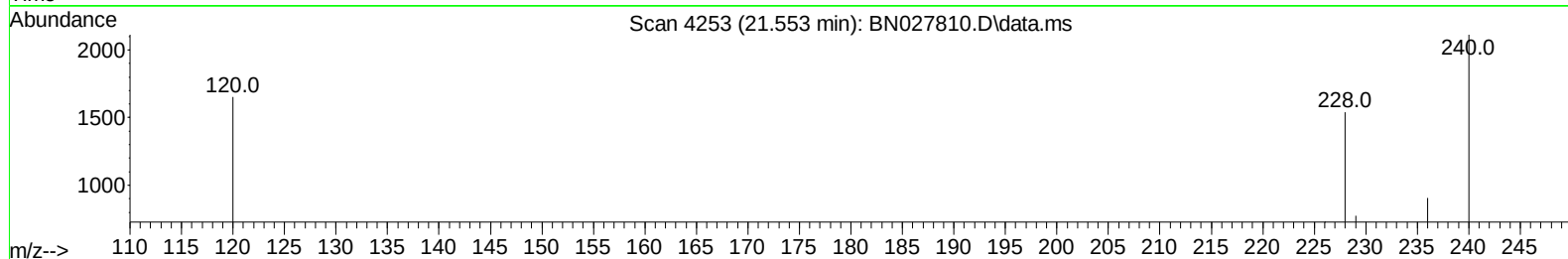
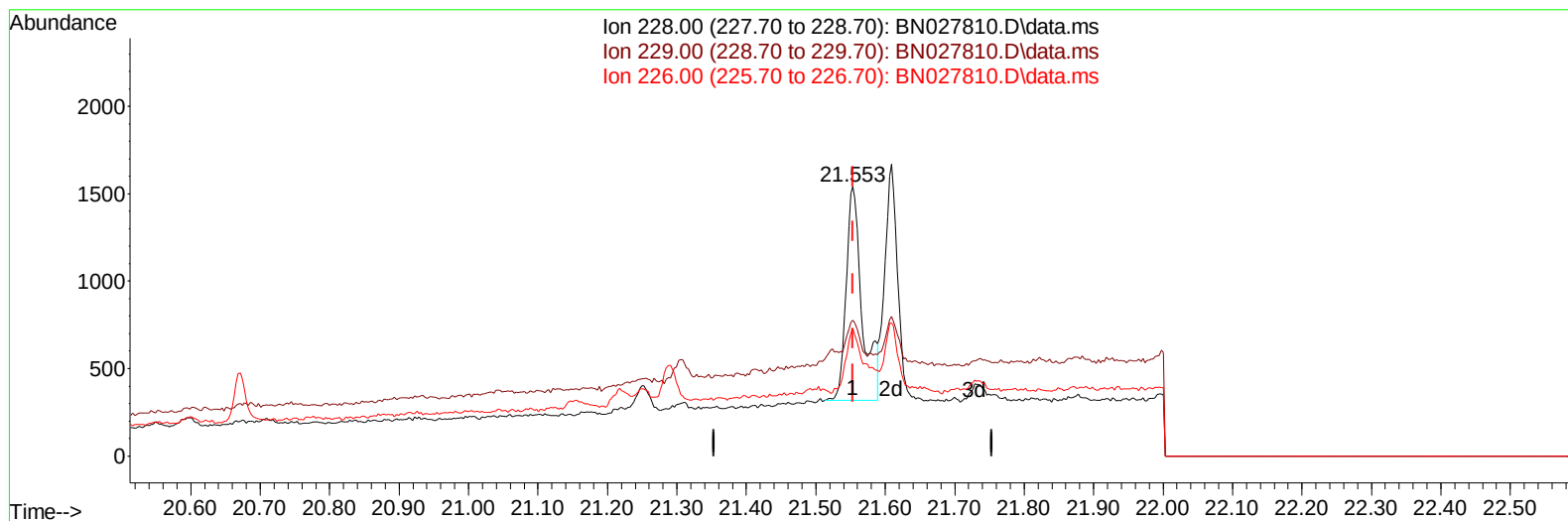
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN092223\  
Data File : BN027810.D  
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Operator : MA/JU  
Sample : 04332-21  
Misc :  
ALS Vial : 28 Sample Multiplier: 1

Instrument :  
BNA\_N  
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C0AG9

Manual IntegrationsAPPROVED

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TIC: BN027810.D\data.ms

(21) Benzo(a)anthracene

21.553min (-0.000) 0.03 ng/u1

response 1945

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 228.00 | 100.00 | 100.00 |
| 229.00 | 19.80  | 50.36# |
| 226.00 | 27.50  | 47.24# |
| 0.00   | 0.00   | 0.00   |

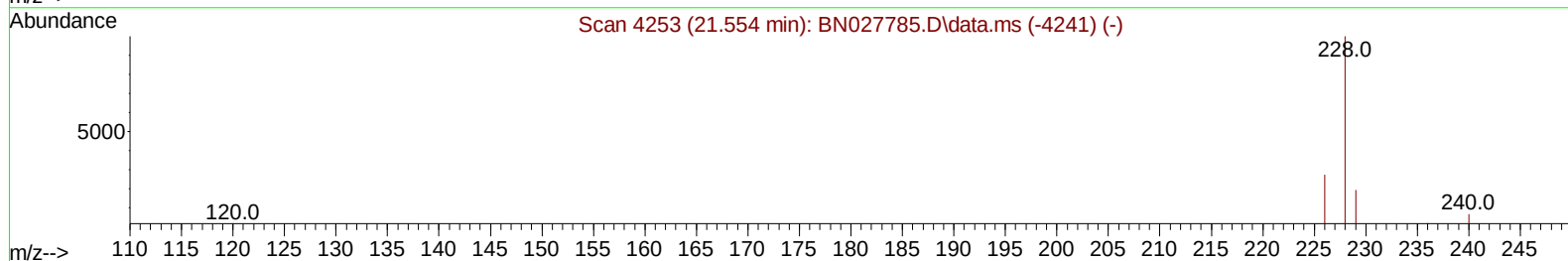
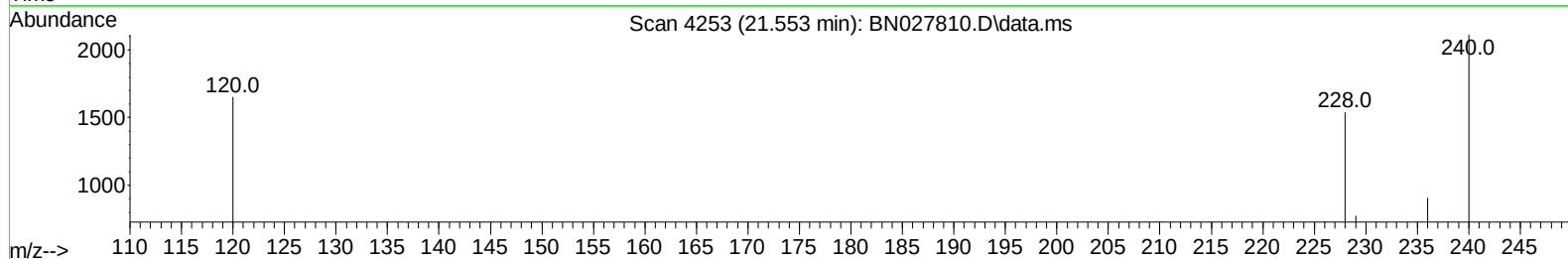
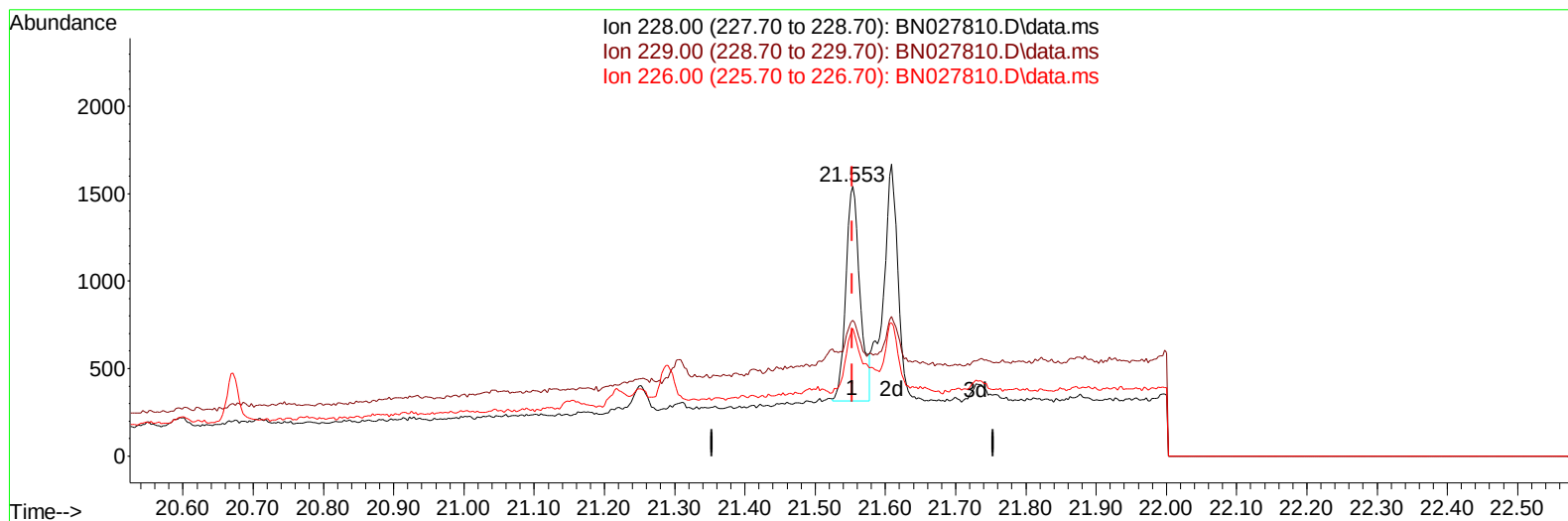
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN092223\  
Data File : BN027810.D  
Acq On : 22 Sep 2023 05:45  
Operator : MA/JU  
Sample : 04332-21  
Misc :  
ALS Vial : 28 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
C0AG9

Manual IntegrationsAPPROVED

Quant Time: Sep 22 06:28:08 2023  
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TIC: BN027810.D\data.ms

(21) Benzo(a)anthracene

21.553min (-0.000) 0.02 ng/ul m

response 1734

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 228.00 | 100.00 | 100.00 |
| 229.00 | 19.80  | 50.36# |
| 226.00 | 27.50  | 47.24# |
| 0.00   | 0.00   | 0.00   |

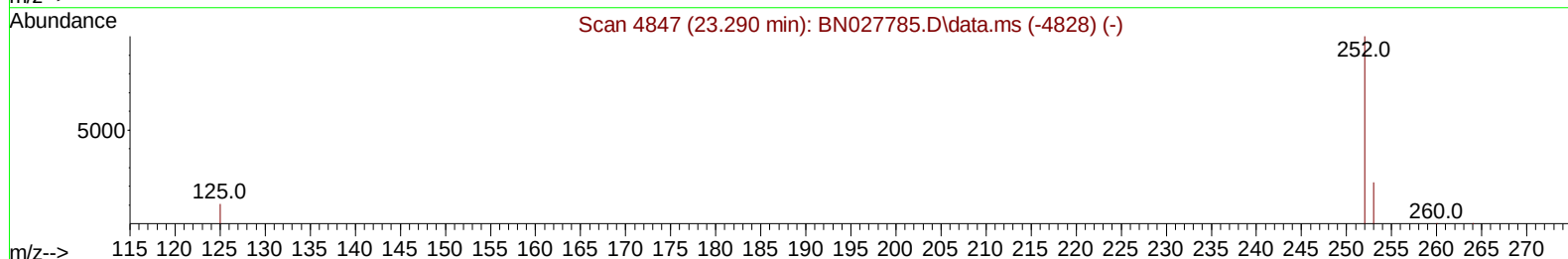
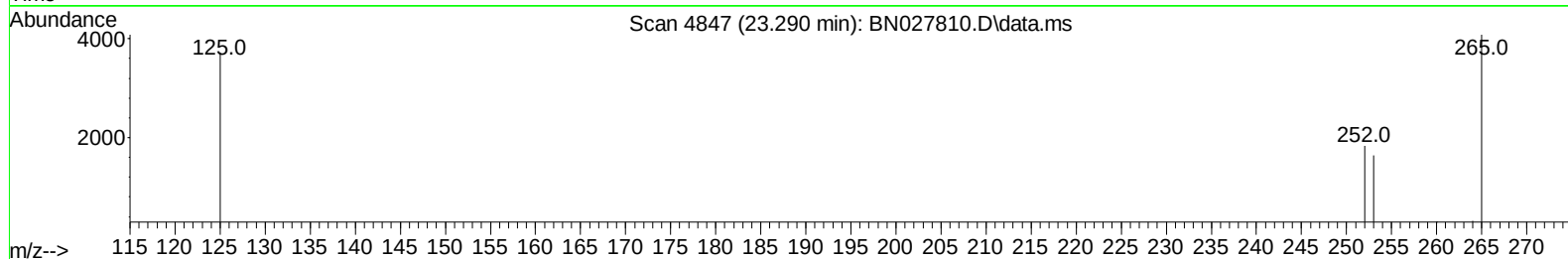
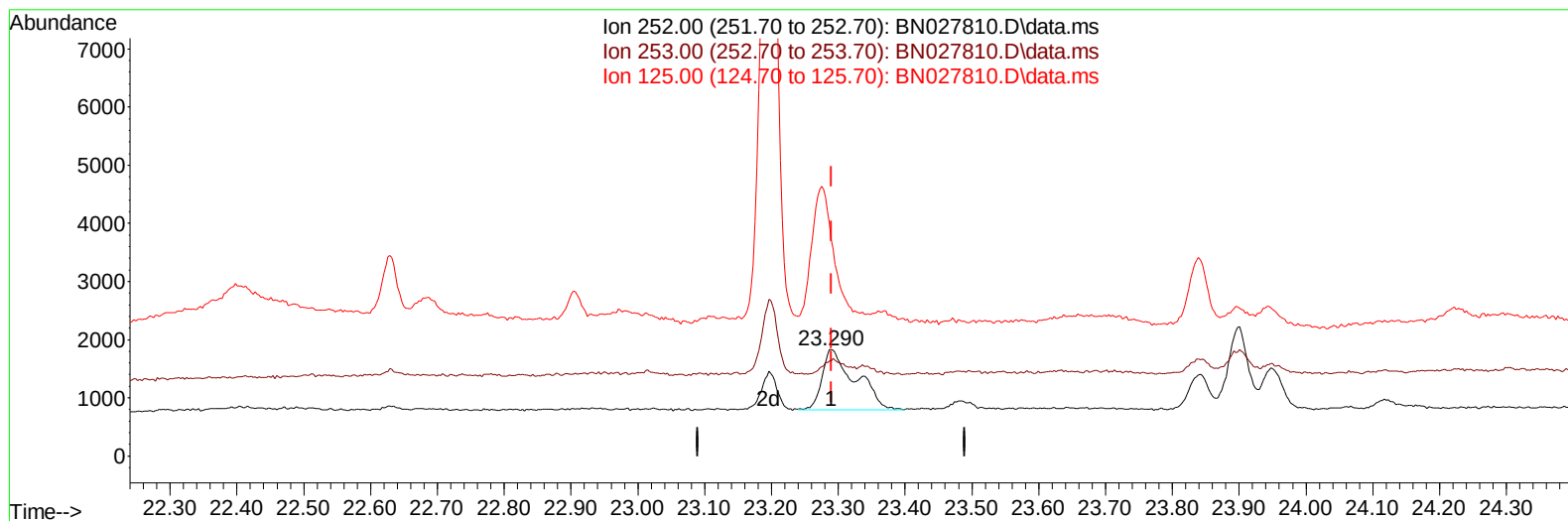
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN092223\  
 Data File : BN027810.D  
 Acq On : 22 Sep 2023 05:45  
 Operator : MA/JU  
 Sample : 04332-21  
 Misc :  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 C0AG9

Manual IntegrationsAPPROVED

Quant Time: Sep 22 06:28:08 2023  
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TIC: BN027810.D\data.ms

**(24) Benzo(b)fluoranthene**

23.290min (-0.000) 0.05 ng/u1

response 3609

| Ion    | Exp%   | Act%    |
|--------|--------|---------|
| 252.00 | 100.00 | 100.00  |
| 253.00 | 25.10  | 89.55#  |
| 125.00 | 15.70  | 203.67# |
| 0.00   | 0.00   | 0.00    |

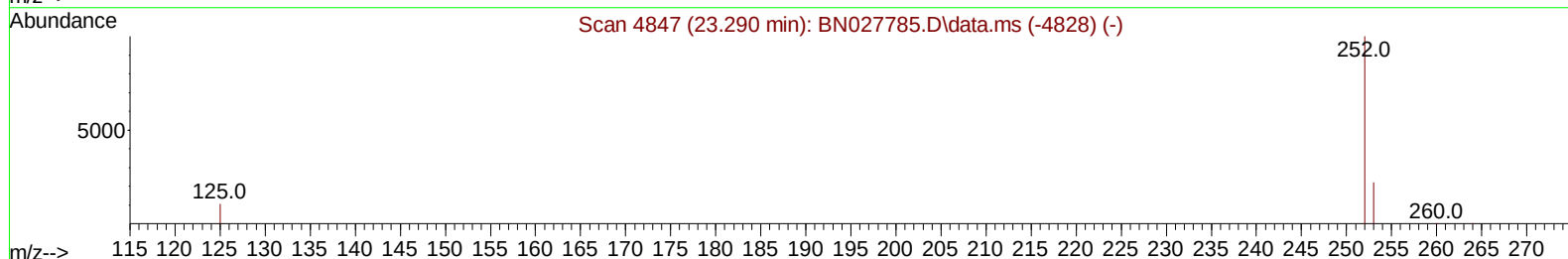
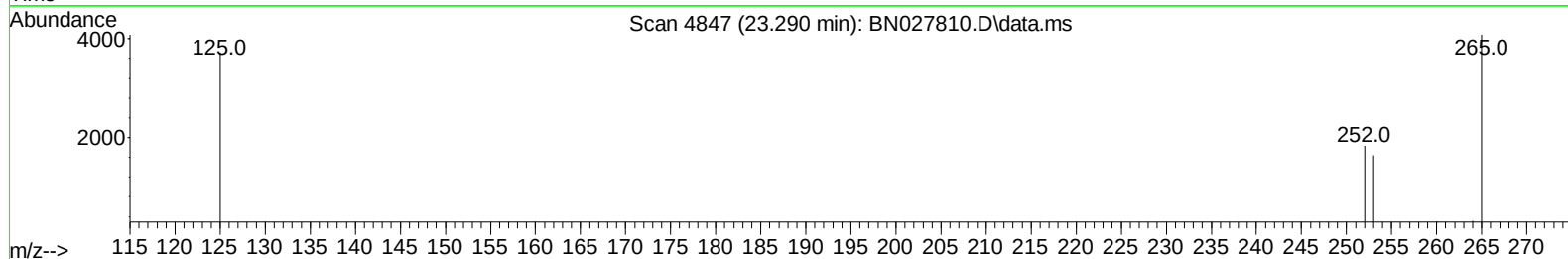
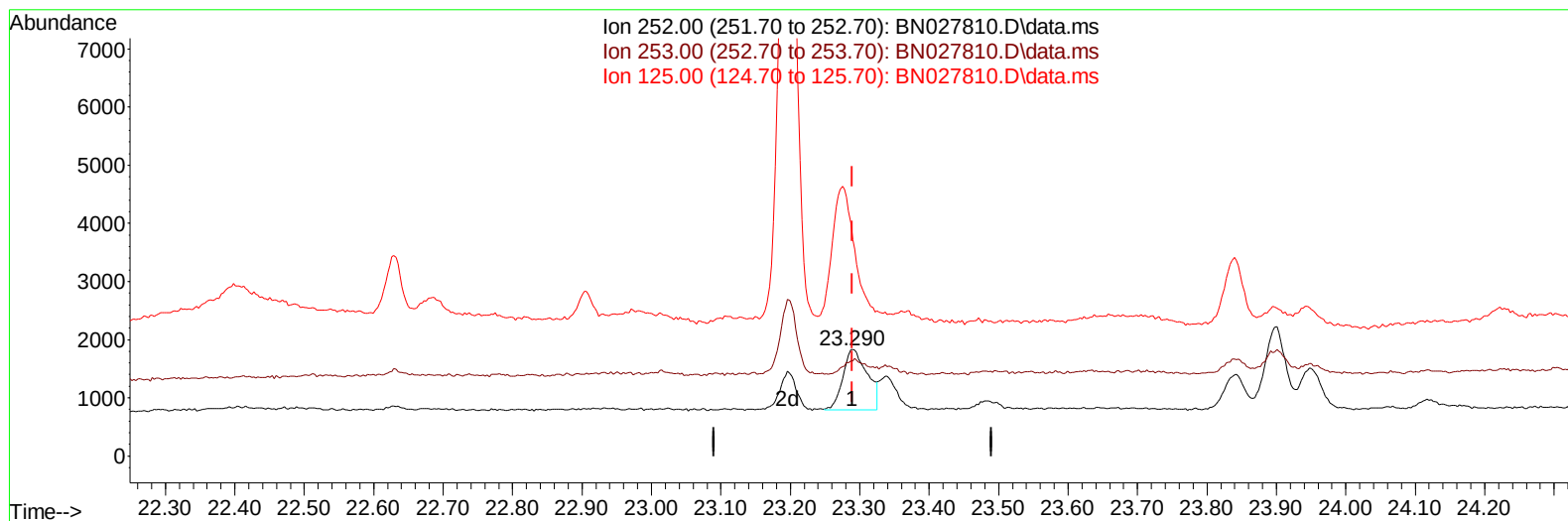
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN092223\  
Data File : BN027810.D  
Acq On : 22 Sep 2023 05:45  
Operator : MA/JU  
Sample : 04332-21  
Misc :  
ALS Vial : 28 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
C0AG9

Manual IntegrationsAPPROVED

Quant Time: Sep 22 06:28:08 2023  
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Sep 22 03:58:00 2023  
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Supervised By :mohammad ahmed 09/25/2023



TIC: BN027810.D\data.ms

(24) Benzo(b)fluoranthene

23.290min (-0.000) 0.03 ng/ul m

response 2579

| Ion    | Exp%   | Act%    |
|--------|--------|---------|
| 252.00 | 100.00 | 100.00  |
| 253.00 | 25.10  | 89.55#  |
| 125.00 | 15.70  | 203.67# |
| 0.00   | 0.00   | 0.00    |

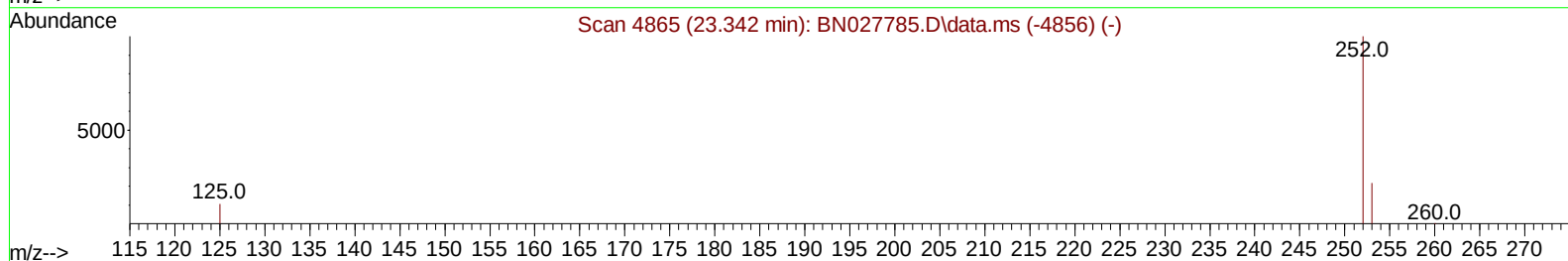
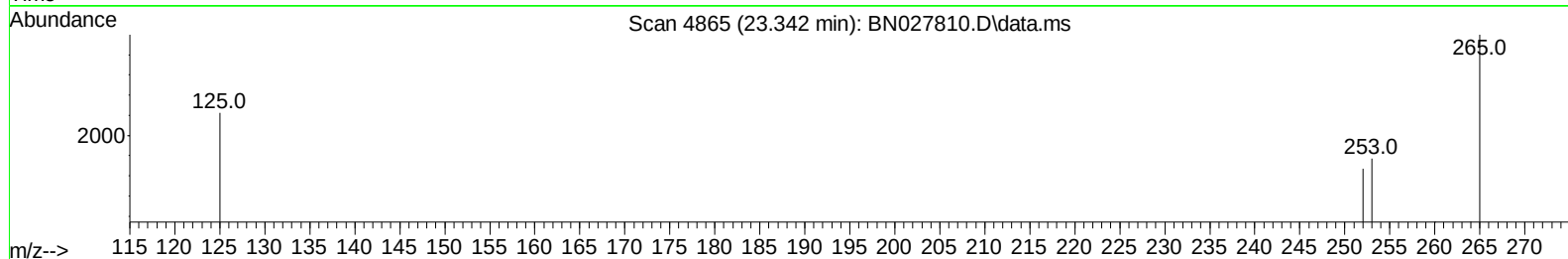
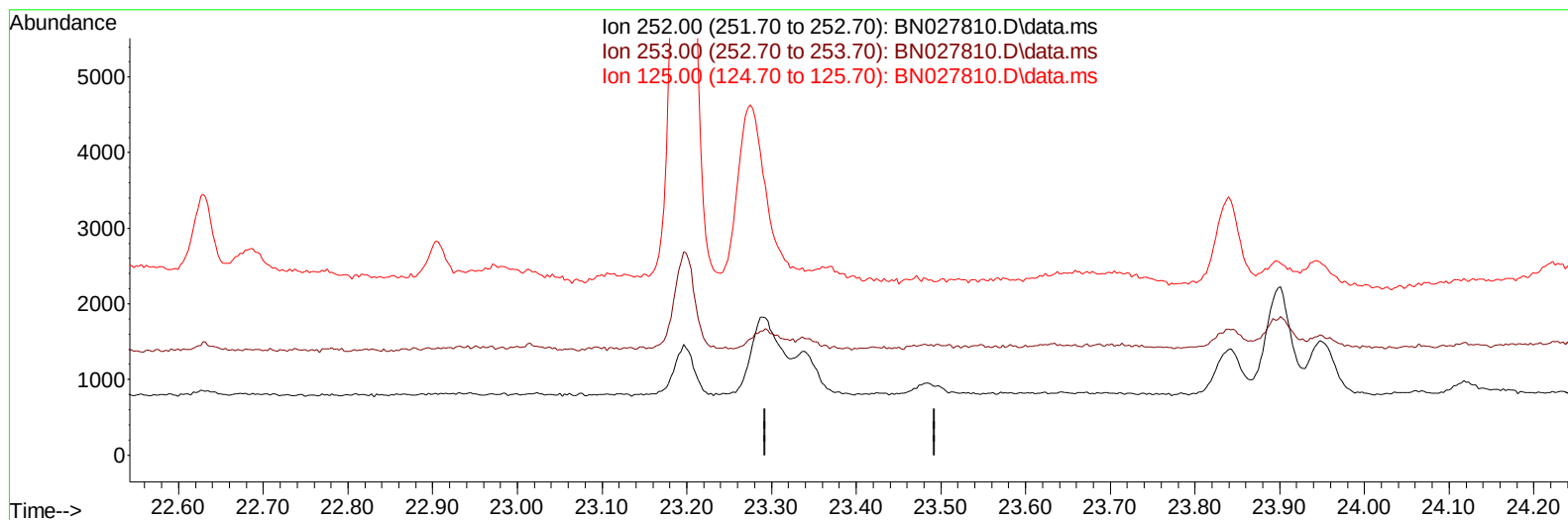
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 Sample : 04332-21  
 Misc :  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 C0AG9

Manual IntegrationsAPPROVED

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TIC: BN027810.D\data.ms

**(25) Benzo(k)fluoranthene**

23.342min (-23.342) 0.00 ng/u1

response 0

| Ion    | Exp%   | Act%  |
|--------|--------|-------|
| 252.00 | 100.00 | 0.00  |
| 253.00 | 24.90  | 0.00# |
| 125.00 | 15.80  | 0.00# |
| 0.00   | 0.00   | 0.00  |

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 Operator : MA/JU  
 Sample : 04332-21  
 Misc :  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 C0AG9

## Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/25/2023  
 Supervised By :mohammad ahmed 09/25/2023

Quant Time: Sep 22 06:28:08 2023  
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| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.000  | 152  | 5103     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.823 | 136  | 17736    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.638 | 164  | 11647    | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.392 | 188  | 23952    | 0.400 | ng/ul  | # 0.00   |
| 17) Chrysene-d12            | 21.571 | 240  | 19822    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 24.061 | 264  | 17930    | 0.400 | ng/ul  | 0.00     |
|                             |        |      |          |       |        |          |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.380  | 96   | 17727    | 2.758 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.401 | 152  | 4954     | 0.184 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.413 | 212  | 13742    | 0.227 | ng/ul  | 0.00     |
|                             |        |      |          |       |        |          |
| Target Compounds            |        |      |          |       |        | Qvalue   |
| 19) Fluoranthene            | 19.445 | 202  | 4261     | 0.053 | ng/ul# | 89       |
| 20) Pyrene                  | 19.808 | 202  | 3356     | 0.041 | ng/ul# | 83       |
| 21) Benzo(a)anthracene      | 21.553 | 228  | 1734m    | 0.023 | ng/ul  |          |
| 22) Chrysene                | 21.609 | 228  | 2000     | 0.025 | ng/ul# | 59       |
| 24) Benzo(b)fluoranthene    | 23.290 | 252  | 2579m    | 0.032 | ng/ul  |          |
| -----                       |        |      |          |       |        |          |

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

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Misc :  
ALS Vial : 28 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
C0AG9

Manual IntegrationsAPPROVED

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