

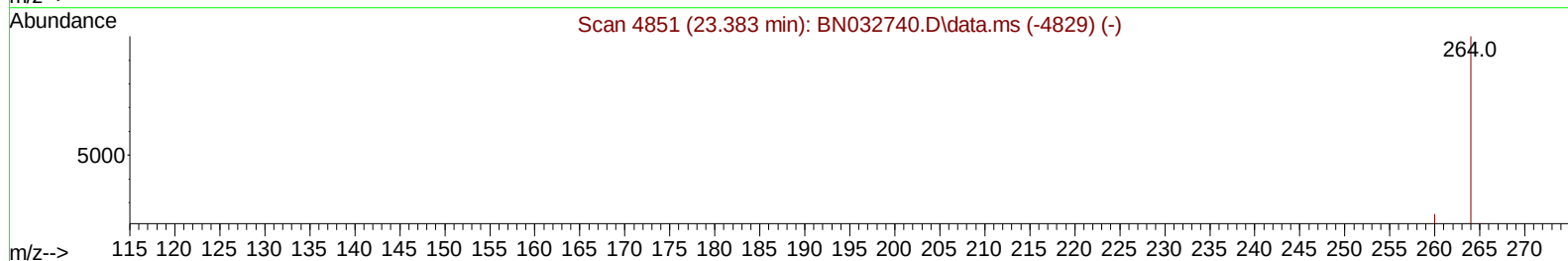
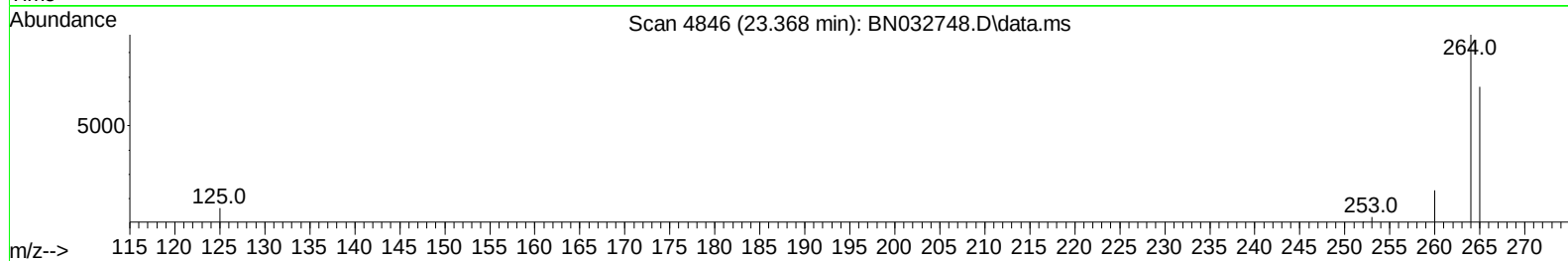
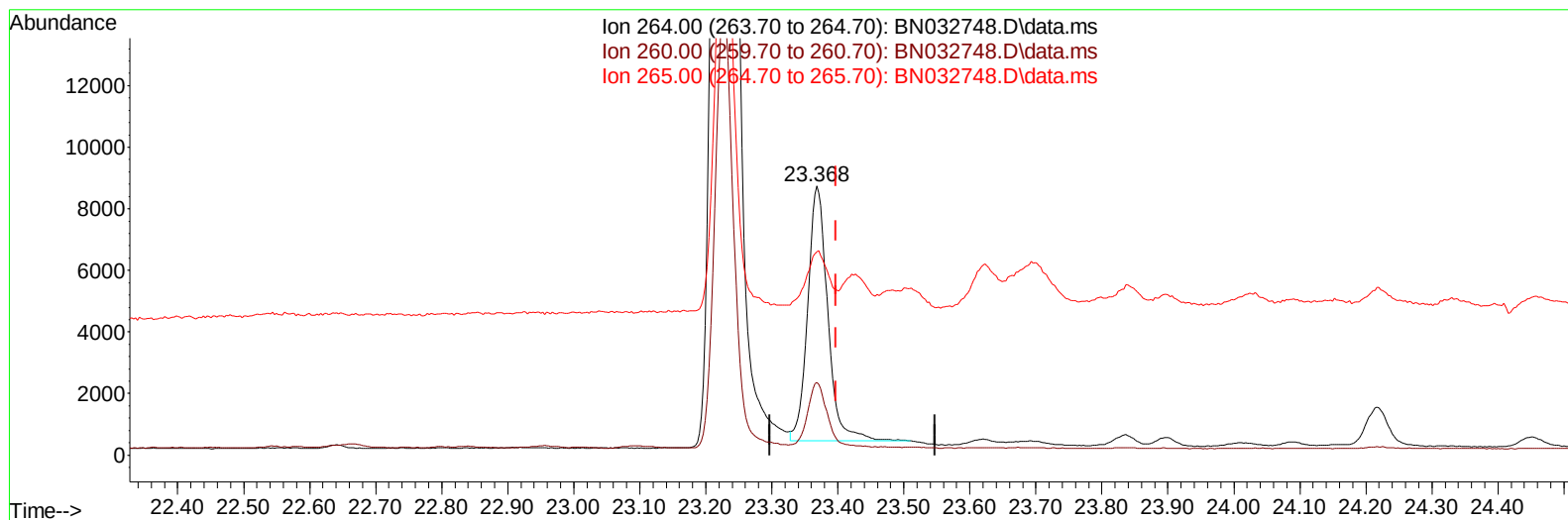
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN071624\  
Data File : BN032748.D  
Acq On : 16 Jul 2024 19:30  
Operator : MA/JU  
Sample : P3035-11DL 5X  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
A4CY1DL

Manual IntegrationsAPPROVED

Quant Time: Jul 16 23:54:50 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-SIM-BN071224.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Jul 12 01:40:24 2024  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/18/2024  
Supervised By :mohammad ahmed 07/19/2024



TIC: BN032748.D\data.ms

(23) Perylene-d12 (I)

23.368min (-0.029) 0.40 ng/u1

response 17468

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 264.00 | 100.00 | 100.00 |
| 260.00 | 26.10  | 27.05  |
| 265.00 | 95.50  | 75.50# |
| 0.00   | 0.00   | 0.00   |

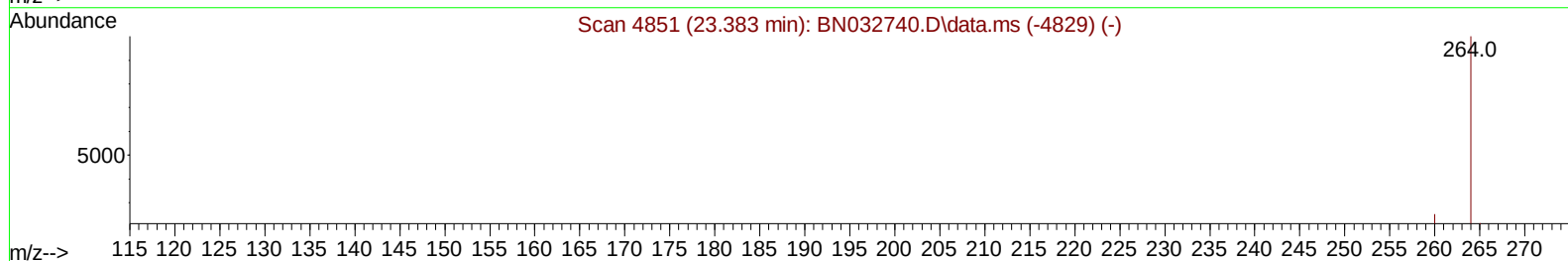
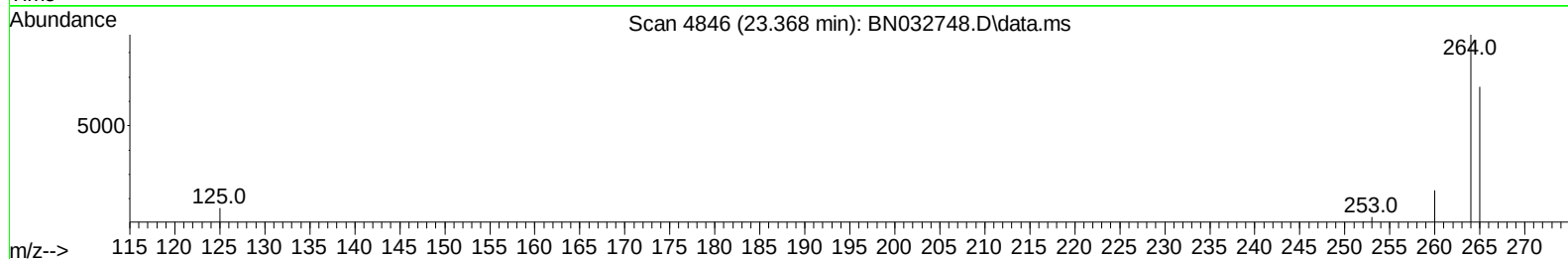
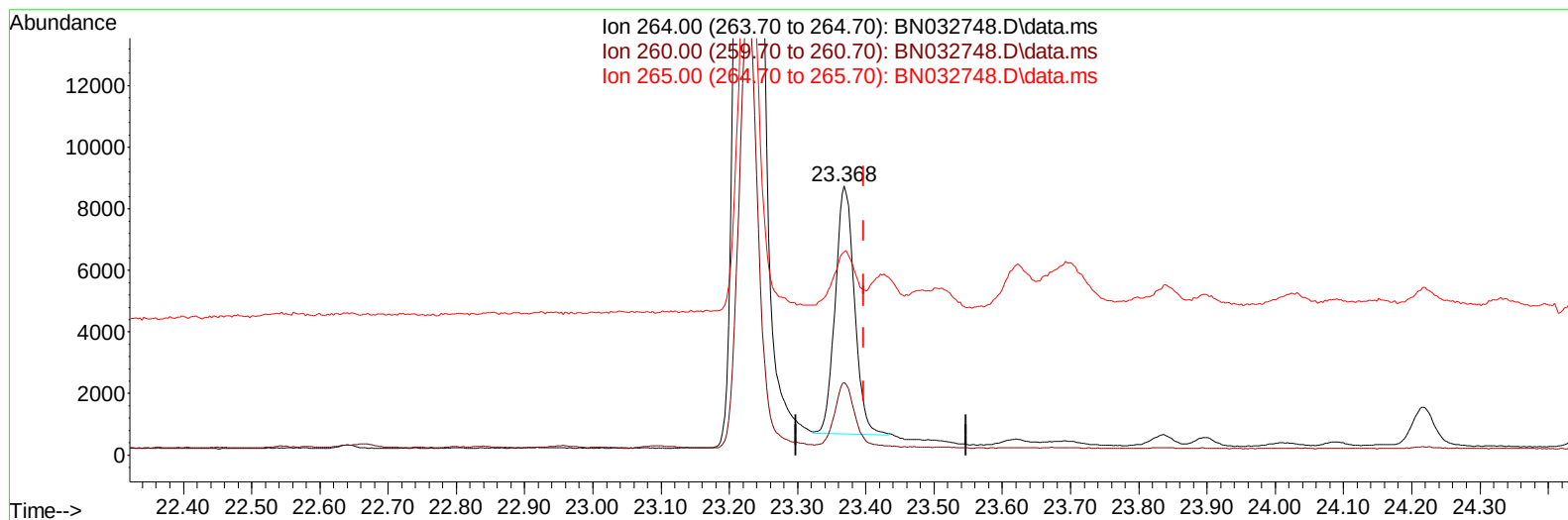
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Instrument :  
BNA\_N  
ClientSampleId :  
A4CY1DL

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TIC: BN032748.D\data.ms

(23) Perylene-d12 (I)

23.368min (-0.029) 0.40 ng/ul m

response 15799

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 264.00 | 100.00 | 100.00 |
| 260.00 | 26.10  | 27.05  |
| 265.00 | 95.50  | 75.50# |
| 0.00   | 0.00   | 0.00   |

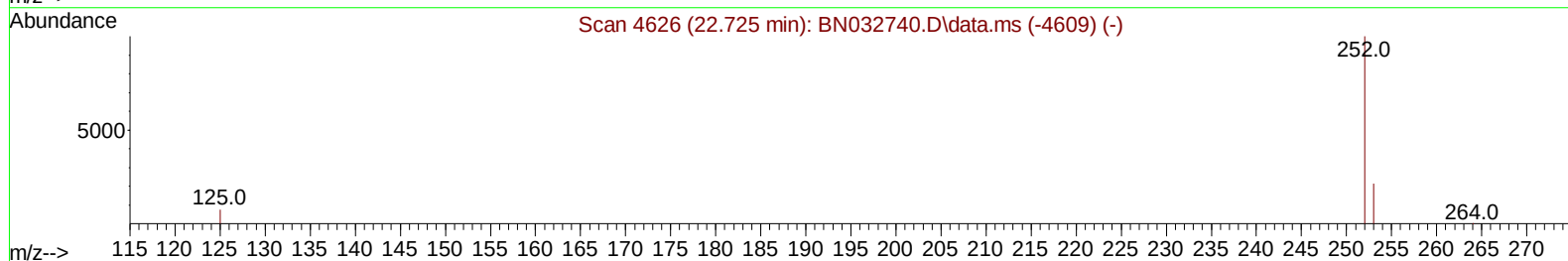
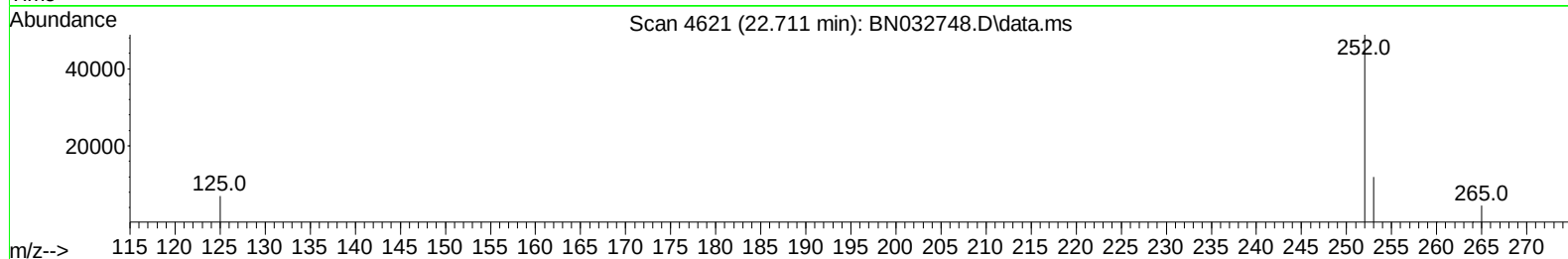
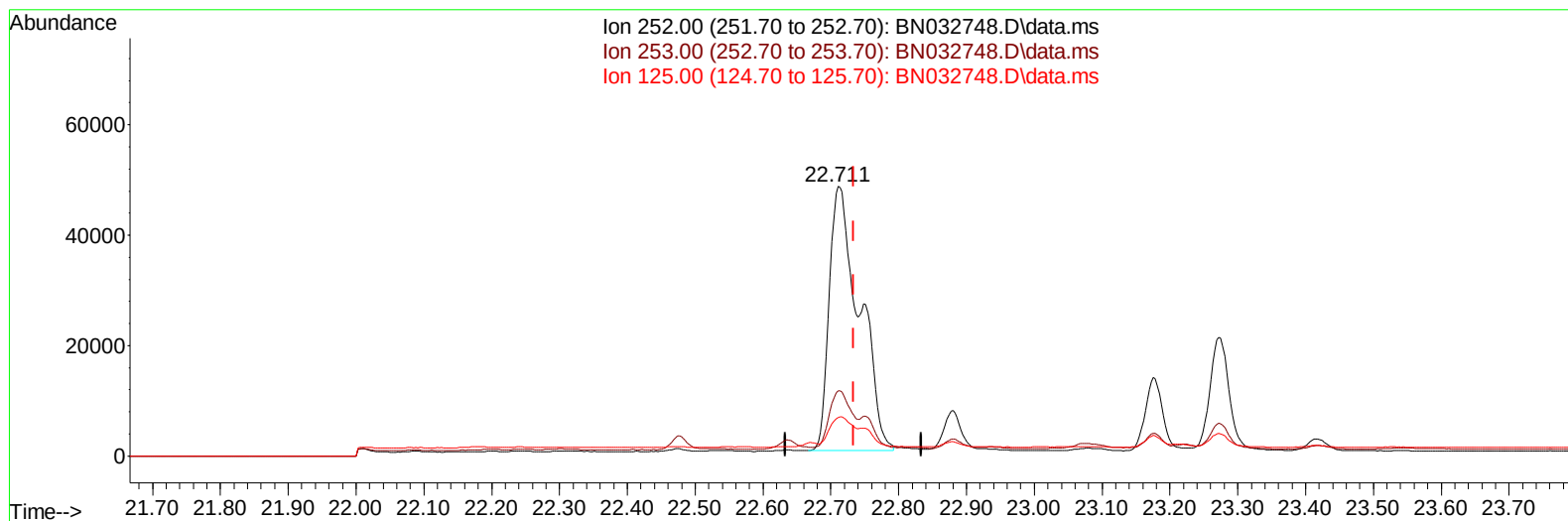
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN071624\  
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Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
A4CY1DL

Manual IntegrationsAPPROVED

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TIC: BN032748.D\data.ms

(24) Benzo(b)fluoranthene

22.711min (-0.023) 2.66 ng/u1

response 148057

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 27.00  | 24.30  |
| 125.00 | 18.00  | 14.34  |
| 0.00   | 0.00   | 0.00   |

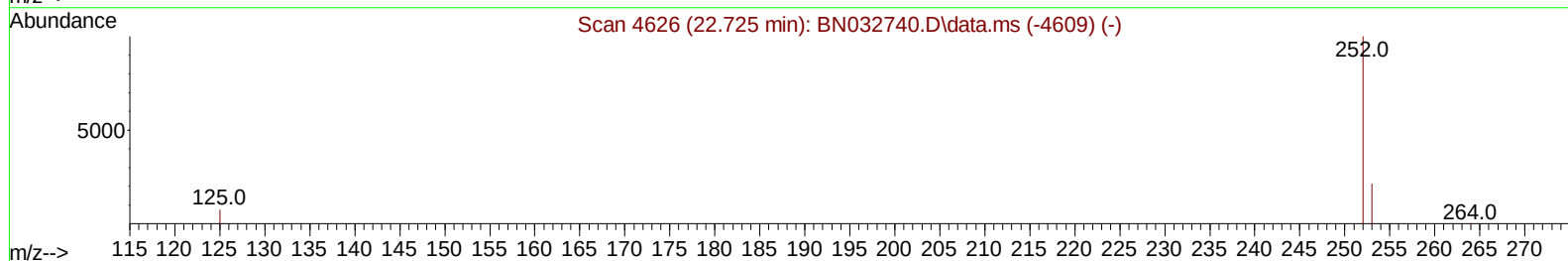
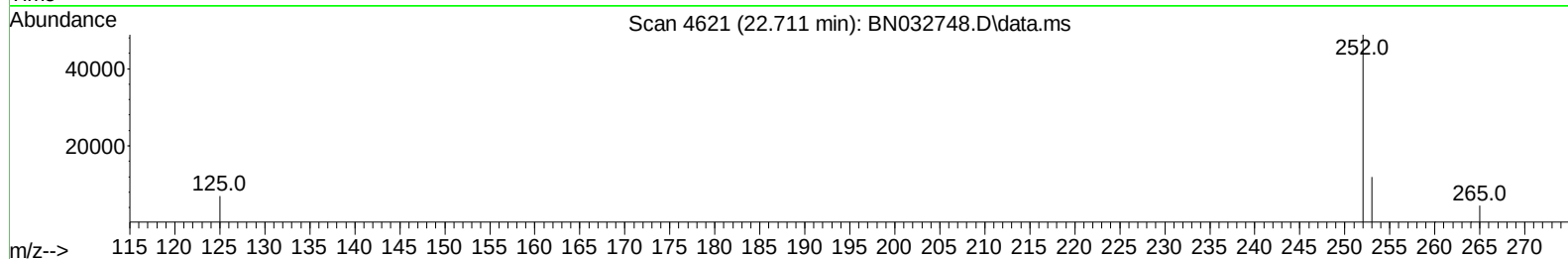
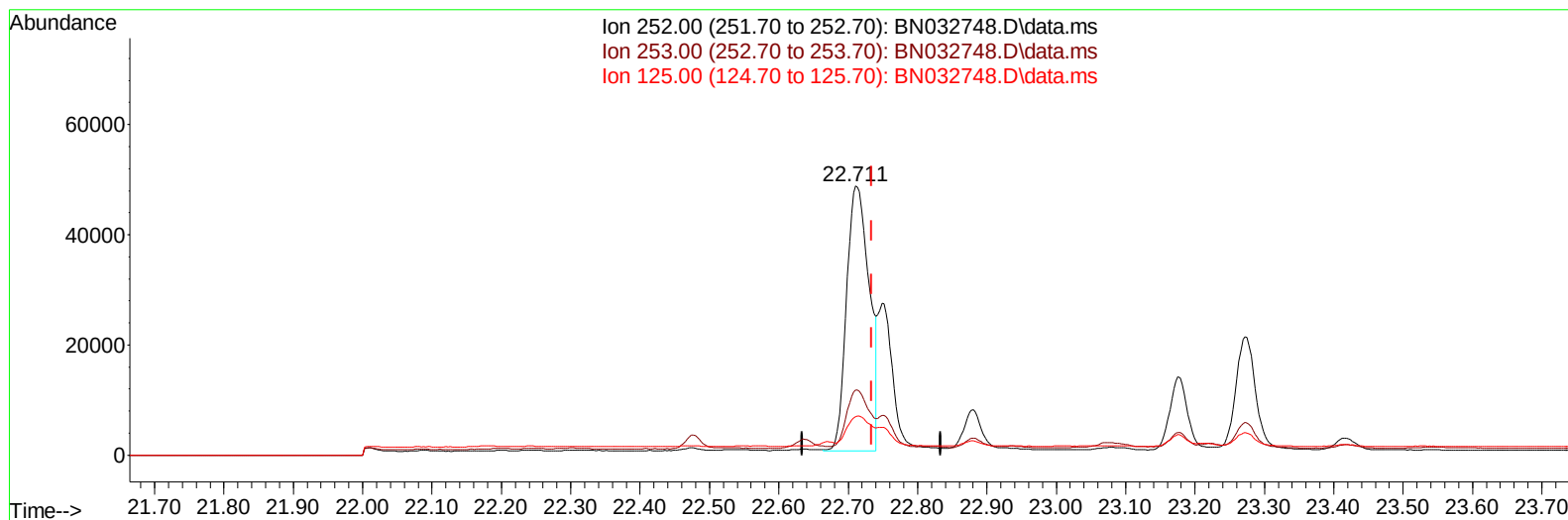
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN071624\  
Data File : BN032748.D  
Acq On : 16 Jul 2024 19:30  
Operator : MA/JU  
Sample : P3035-11DL 5X  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
A4CY1DL

Manual IntegrationsAPPROVED

Quant Time: Jul 16 23:54:50 2024  
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Supervised By :mohammad ahmed 07/19/2024



TIC: BN032748.D\data.ms

(24) Benzo(b)fluoranthene

22.711min (-0.023) 1.97 ng/ul m

response 109665

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 27.00  | 24.30  |
| 125.00 | 18.00  | 14.34  |
| 0.00   | 0.00   | 0.00   |

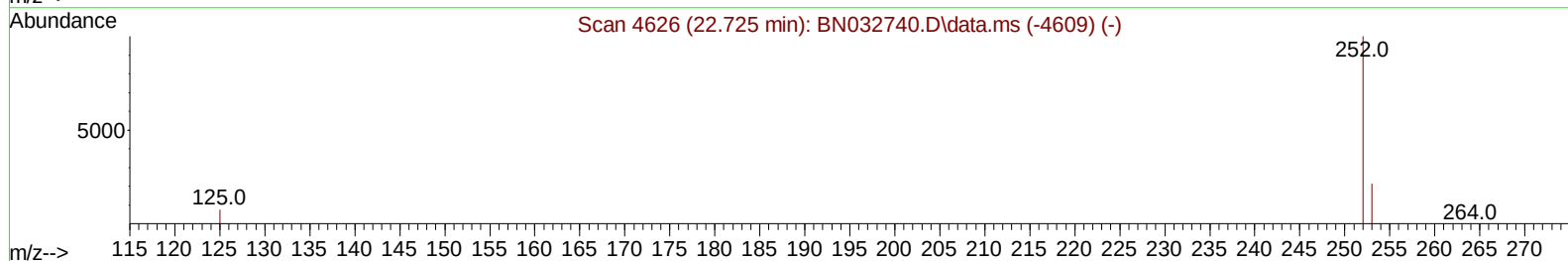
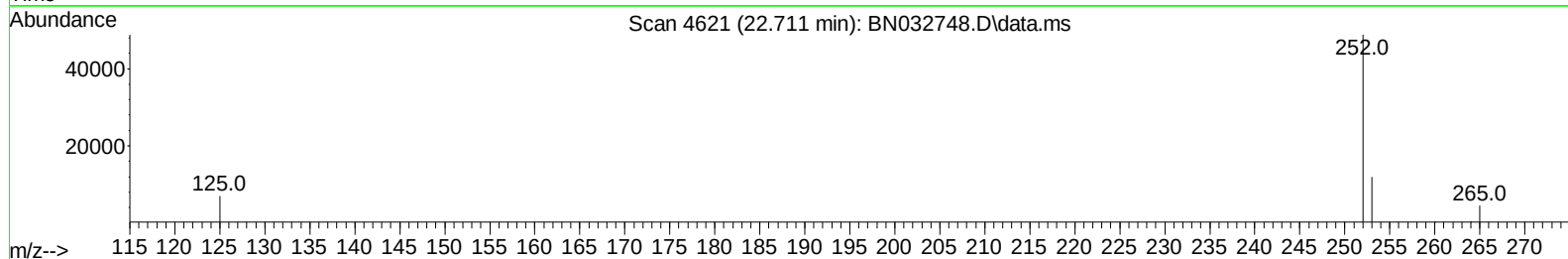
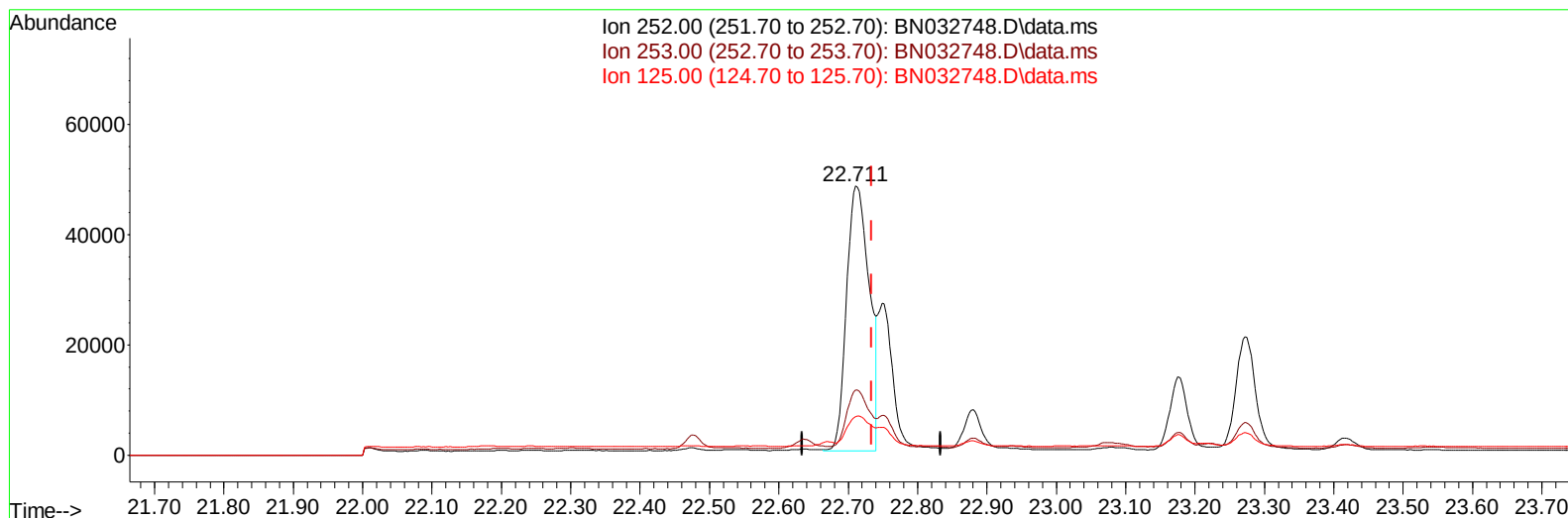
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN071624\  
Data File : BN032748.D  
Acq On : 16 Jul 2024 19:30  
Operator : MA/JU  
Sample : P3035-11DL 5X  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
A4CY1DL

Manual IntegrationsAPPROVED

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TIC: BN032748.D\data.ms

(24) Benzo(b)fluoranthene

22.711min (-0.023) 1.97 ng/ul m

response 109665

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 27.00  | 24.30  |
| 125.00 | 18.00  | 14.34  |
| 0.00   | 0.00   | 0.00   |

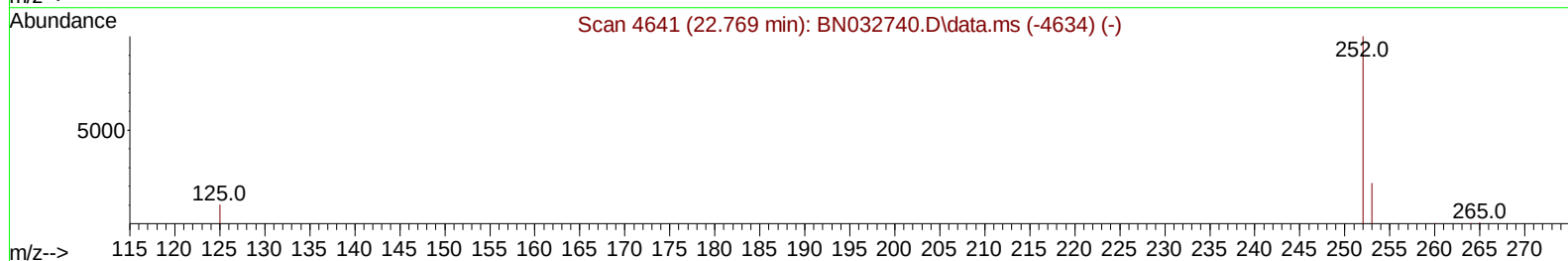
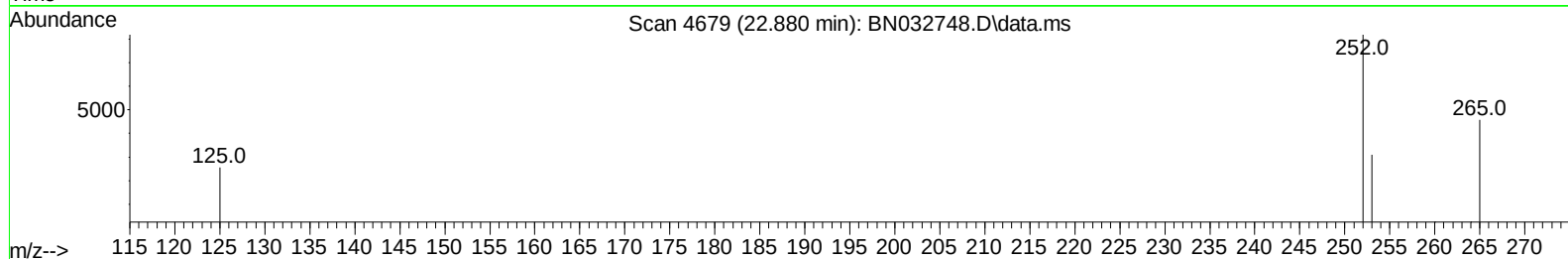
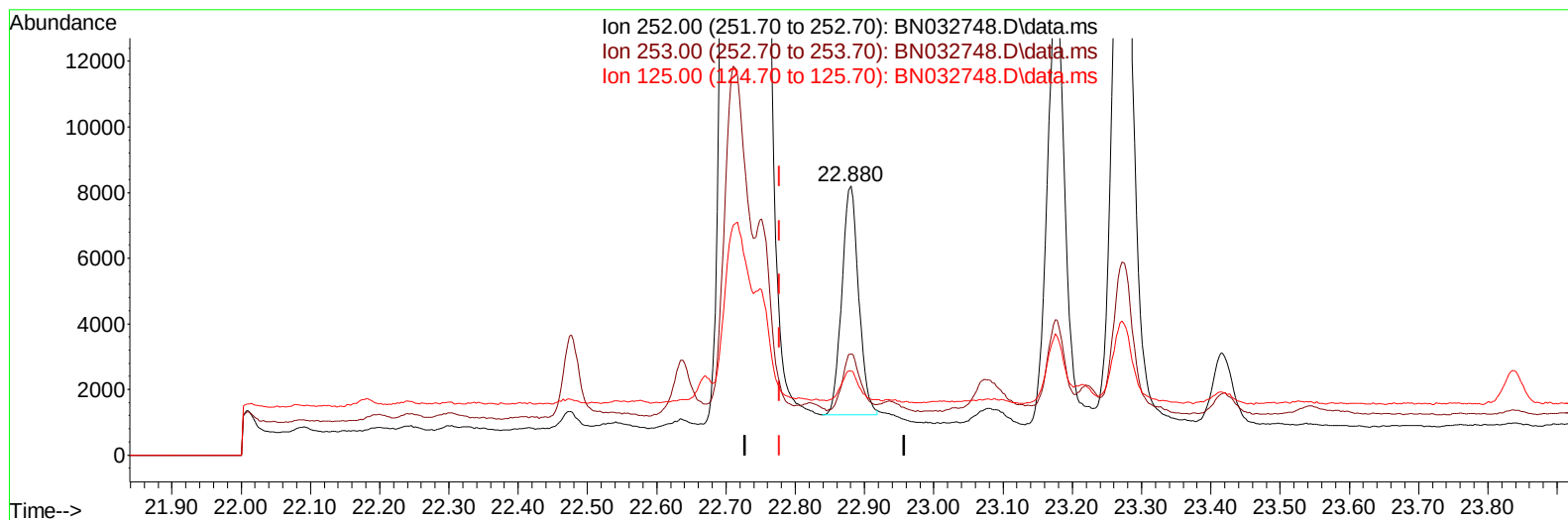
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN071624\  
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Operator : MA/JU  
Sample : P3035-11DL 5X  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
A4CY1DL

Manual IntegrationsAPPROVED

Quant Time: Jul 16 23:54:50 2024  
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TIC: BN032748.D\data.ms

(25) Benzo(k)fluoranthene

22.880min (+ 0.102) 0.17 ng/u1

response 11789

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 26.50  | 37.66# |
| 125.00 | 18.50  | 31.25# |
| 0.00   | 0.00   | 0.00   |

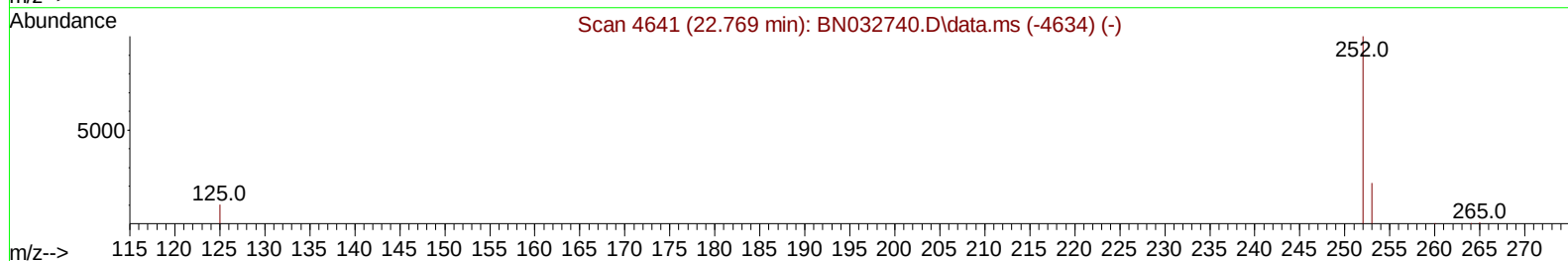
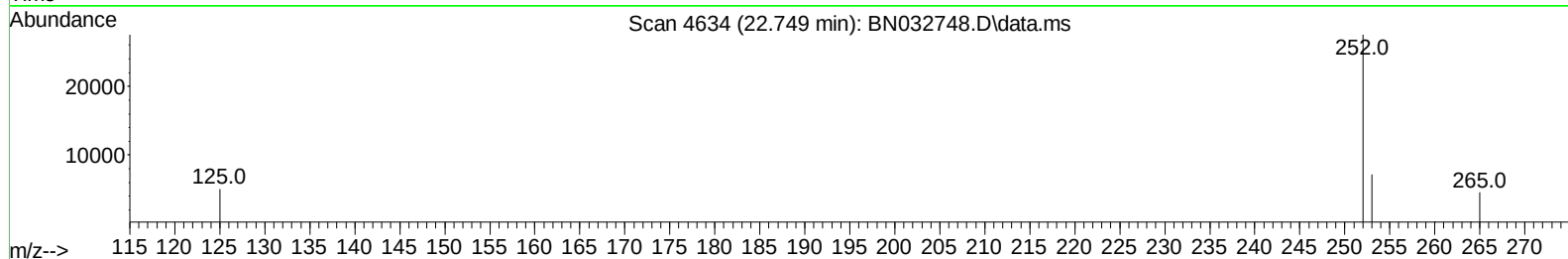
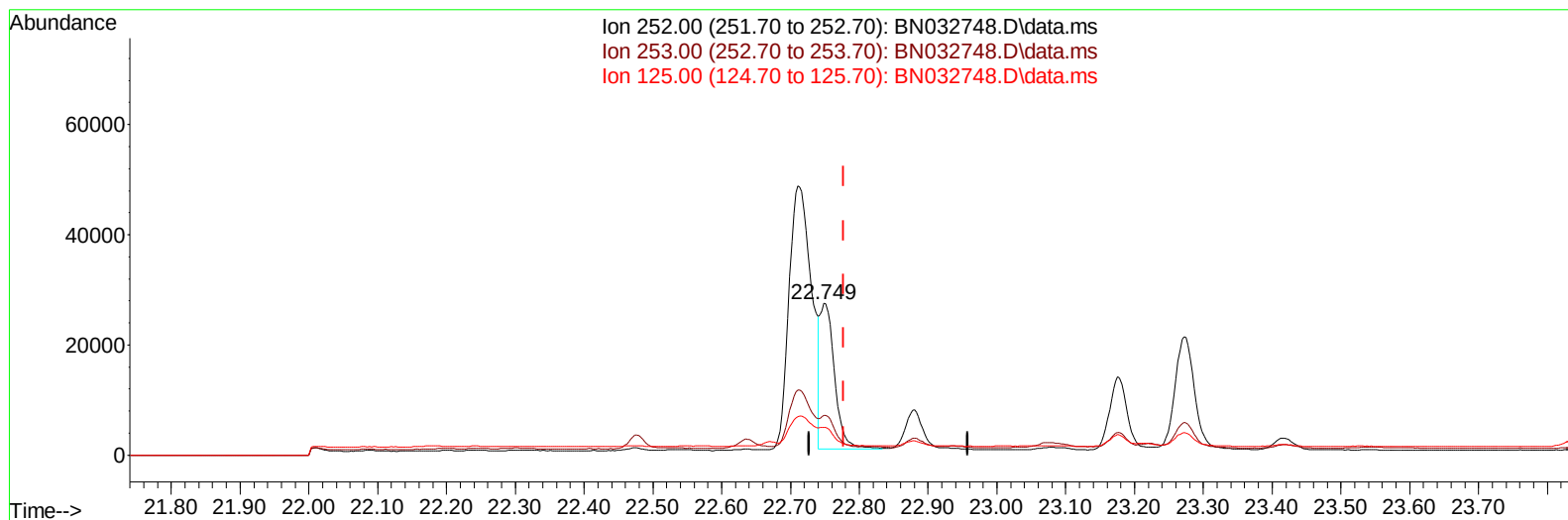
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Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
A4CY1DL

Manual IntegrationsAPPROVED

Quant Time: Jul 16 23:54:50 2024  
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Reviewed By :Yogesh Patel 07/18/2024  
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TIC: BN032748.D\data.ms

(25) Benzo(k)fluoranthene

22.749min (-0.029) 0.57 ng/ul m

response 39061

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 26.50  | 26.04  |
| 125.00 | 18.50  | 18.44  |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN071624\  
 Data File : BN032748.D  
 Acq On : 16 Jul 2024 19:30  
 Operator : MA/JU  
 Sample : P3035-11DL 5X  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 A4CY1DL

## Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/18/2024  
 Supervised By :mohammad ahmed 07/19/2024

Quant Time: Jul 16 23:54:50 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-SIM-BN071224.M  
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 QLast Update : Fri Jul 12 01:40:24 2024  
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| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.549  | 152  | 5325     | 0.400 | ng/ul  | -0.03    |
| 4) Naphthalene-d8           | 10.321 | 136  | 15293    | 0.400 | ng/ul  | -0.04    |
| 9) Acenaphthene-d10         | 14.198 | 164  | 6936     | 0.400 | ng/ul  | -0.02    |
| 13) Phenanthrene-d10        | 16.957 | 188  | 14841    | 0.400 | ng/ul  | -0.03    |
| 17) Chrysene-d12            | 21.171 | 240  | 14039    | 0.400 | ng/ul  | -0.02    |
| 23) Perylene-d12            | 23.368 | 264  | 15799m   | 0.400 | ng/ul  | -0.03    |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.101  | 96   | 4115     | 0.644 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 11.938 | 152  | 758      | 0.033 | ng/ul  | -0.03    |
| 18) Fluoranthene-d10        | 18.994 | 212  | 1927     | 0.042 | ng/ul  | -0.03    |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 5) Naphthalene              | 10.371 | 128  | 2870     | 0.070 | ng/ul# | 90       |
| 7) 2-Methylnaphthalene      | 12.015 | 142  | 690      | 0.027 | ng/ul  | 96       |
| 8) 1-Methylnaphthalene      | 12.230 | 142  | 548      | 0.021 | ng/ul  | 100      |
| 10) Acenaphthylene          | 13.915 | 152  | 5083     | 0.181 | ng/ul  | 96       |
| 11) Acenaphthene            | 14.258 | 153  | 1812     | 0.078 | ng/ul  | 98       |
| 12) Fluorene                | 15.257 | 166  | 2514     | 0.095 | ng/ul# | 97       |
| 15) Phenanthrene            | 16.995 | 178  | 59149    | 1.463 | ng/ul  | 99       |
| 16) Anthracene              | 17.092 | 178  | 11843    | 0.359 | ng/ul  | 96       |
| 19) Fluoranthene            | 19.027 | 202  | 140019   | 2.453 | ng/ul  | 97       |
| 20) Pyrene                  | 19.394 | 202  | 105624   | 1.788 | ng/ul  | 96       |
| 21) Benzo(a)anthracene      | 21.156 | 228  | 70664    | 1.581 | ng/ul  | 98       |
| 22) Chrysene                | 21.209 | 228  | 68013    | 1.052 | ng/ul  | 98       |
| 24) Benzo(b)fluoranthene    | 22.711 | 252  | 109665m  | 1.967 | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 22.749 | 252  | 39061m   | 0.575 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.272 | 252  | 40667    | 0.843 | ng/ul# | 90       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.579 | 276  | 41972    | 0.643 | ng/ul# | 91       |
| 28) Dibenzo(a,h)anthracene  | 25.576 | 278  | 12787    | 0.253 | ng/ul# | 83       |
| 29) Benzo(g,h,i)perylene    | 26.260 | 276  | 5958     | 0.109 | ng/ul# | 75       |
| -----                       |        |      |          |       |        |          |

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



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