

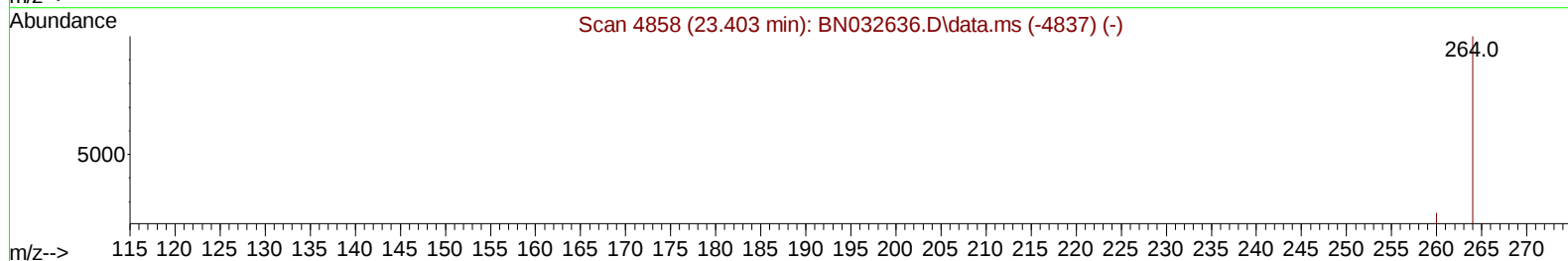
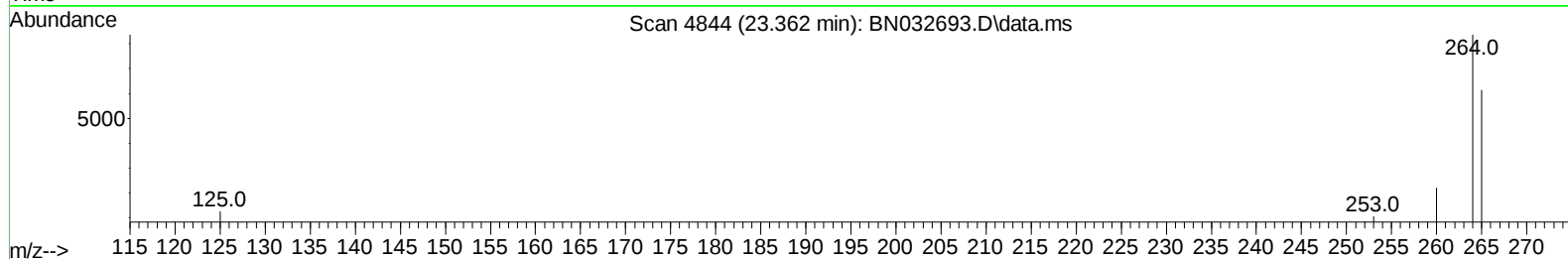
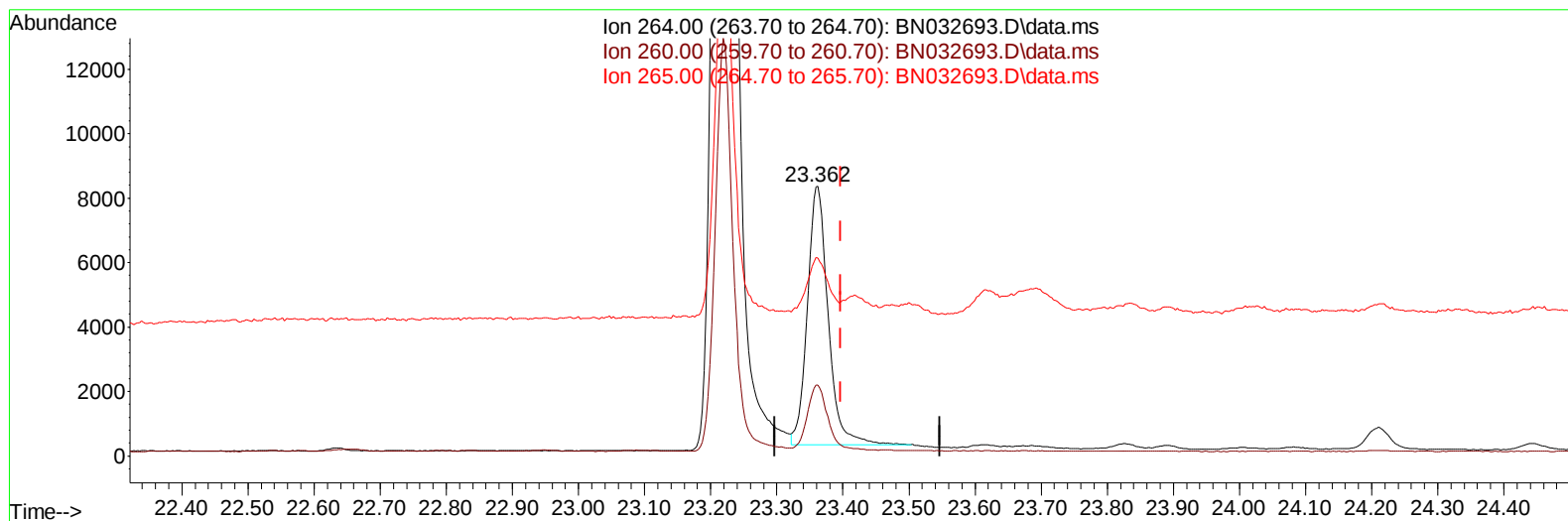
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN071224\  
Data File : BN032693.D  
Acq On : 13 Jul 2024 04:15  
Operator : MA/JU  
Sample : P3035-20DL 5X  
Misc :  
ALS Vial : 33 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
A4CB8DL

Manual IntegrationsAPPROVED

Quant Time: Jul 13 04:44:26 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 07/13/2024  
Supervised By :mohammad ahmed 07/16/2024



TIC: BN032693.D\data.ms

(23) Perylene-d12 (I)

23.362min (-0.035) 0.40 ng/u1

response 17404

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 264.00 | 100.00 | 100.00 |
| 260.00 | 26.10  | 26.37  |
| 265.00 | 95.50  | 73.49# |
| 0.00   | 0.00   | 0.00   |

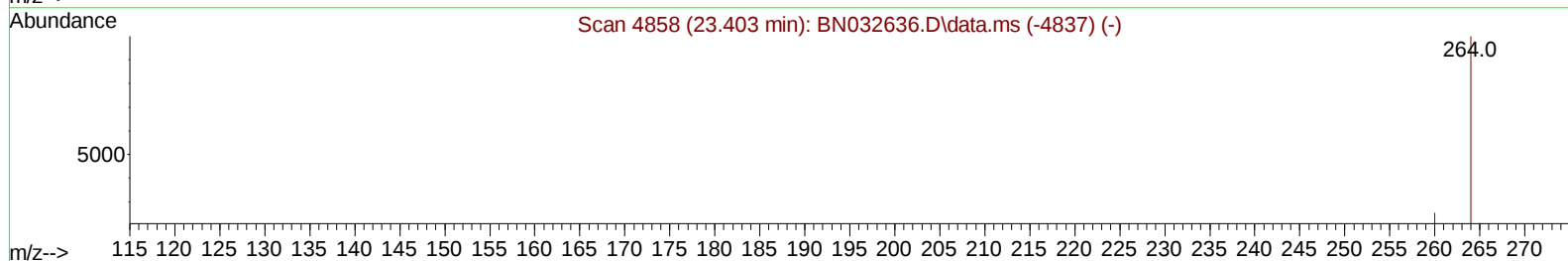
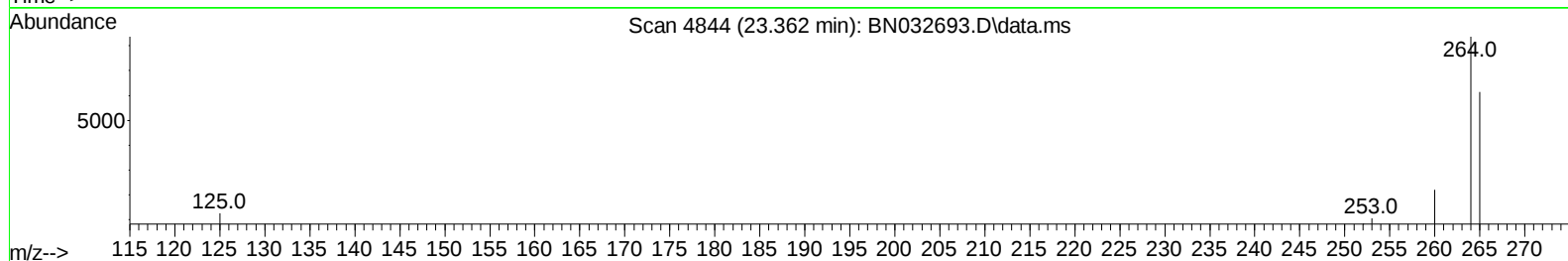
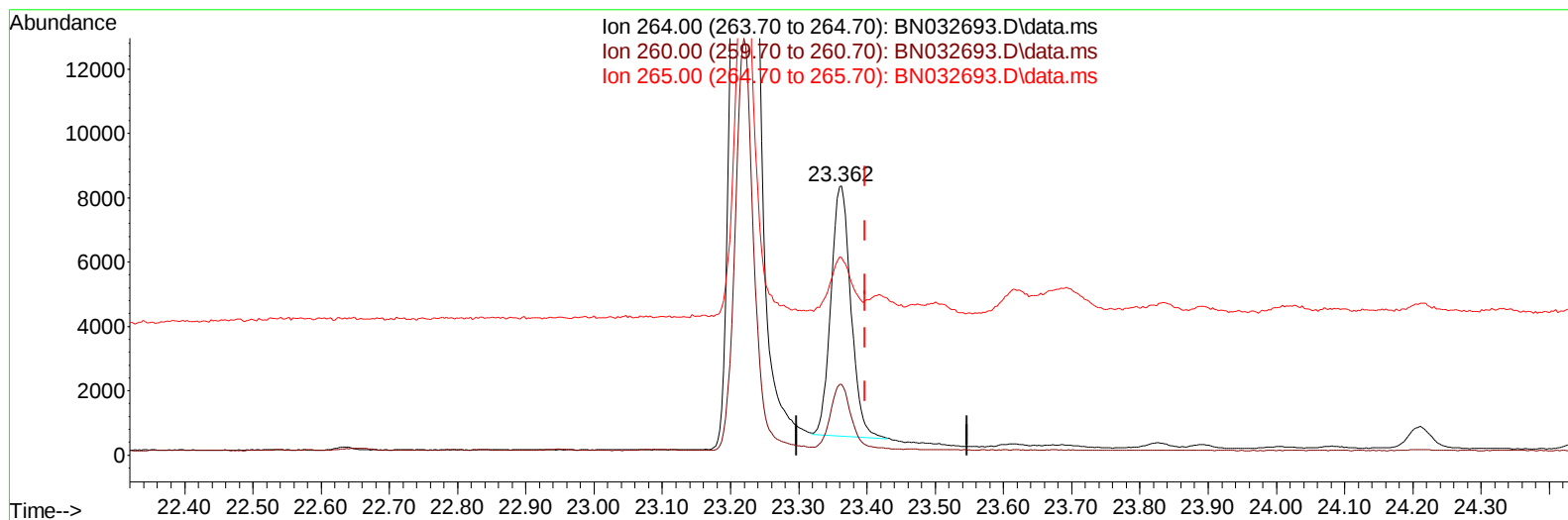
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Manual IntegrationsAPPROVED

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TIC: BN032693.D\data.ms

(23) Perylene-d12 (I)

23.362min (-0.035) 0.40 ng/ul m

response 15811

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 264.00 | 100.00 | 100.00 |
| 260.00 | 26.10  | 26.37  |
| 265.00 | 95.50  | 73.49# |
| 0.00   | 0.00   | 0.00   |

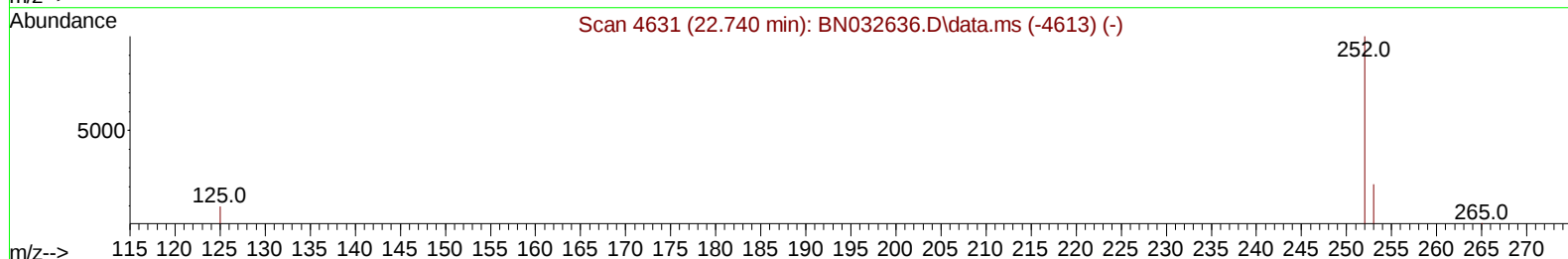
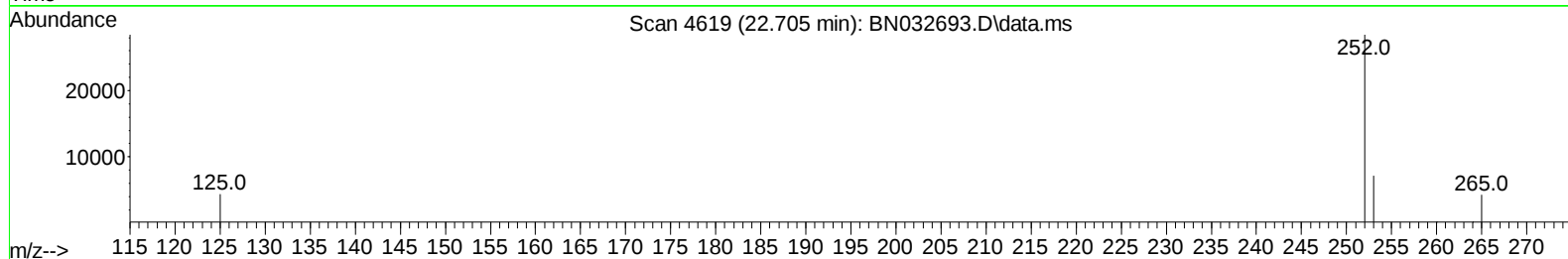
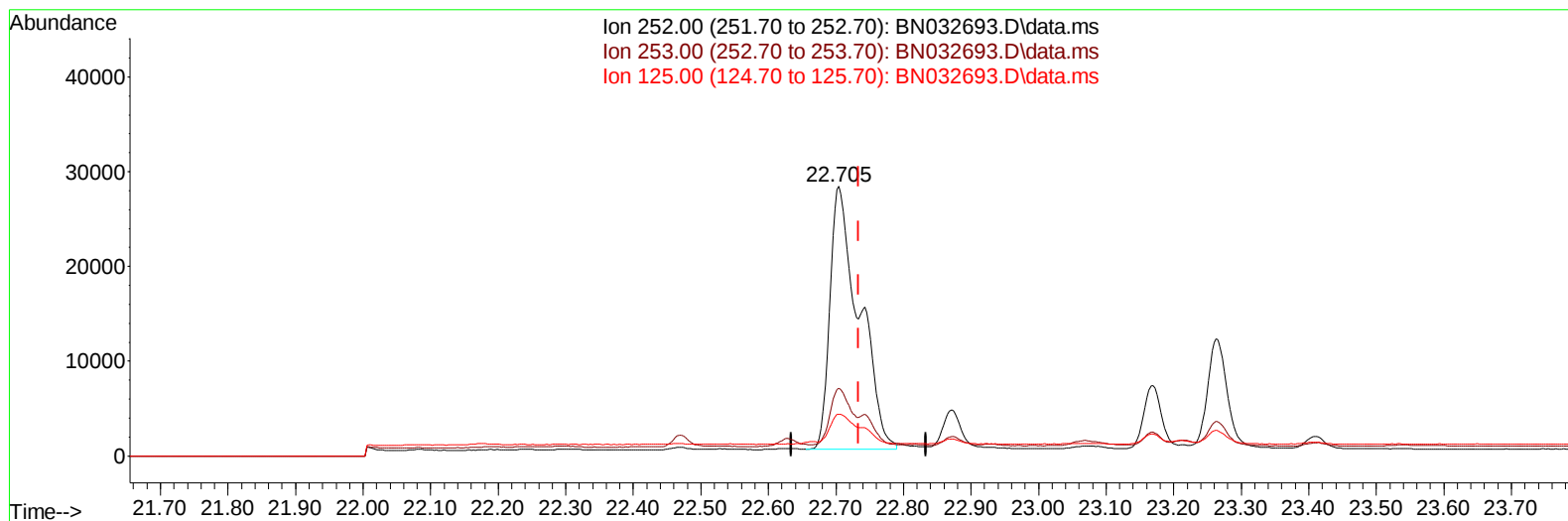
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 Misc :  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 A4CB8DL

Manual IntegrationsAPPROVED

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TIC: BN032693.D\data.ms

(24) Benzo(b)fluoranthene

22.705min (-0.029) 1.49 ng/u1

response 83188

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 27.00  | 25.12  |
| 125.00 | 18.00  | 15.50  |
| 0.00   | 0.00   | 0.00   |

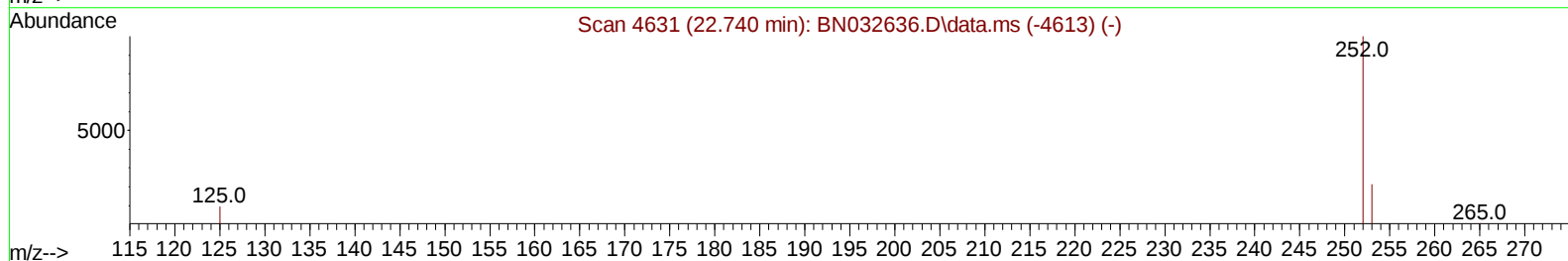
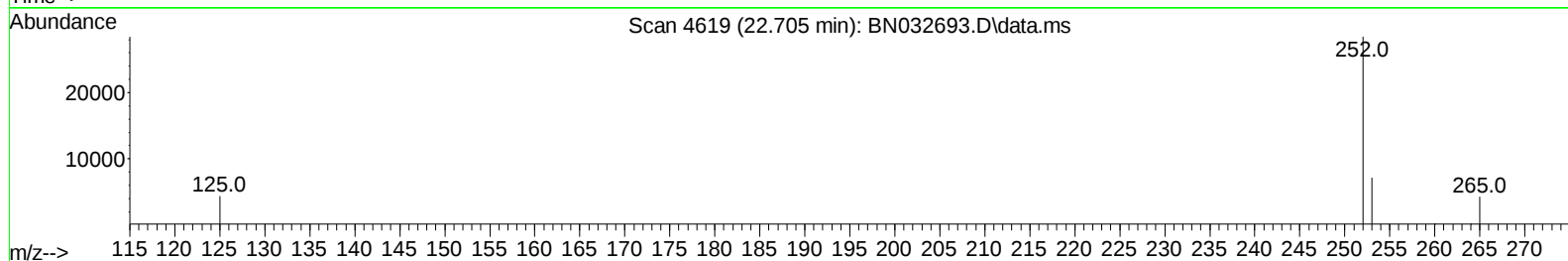
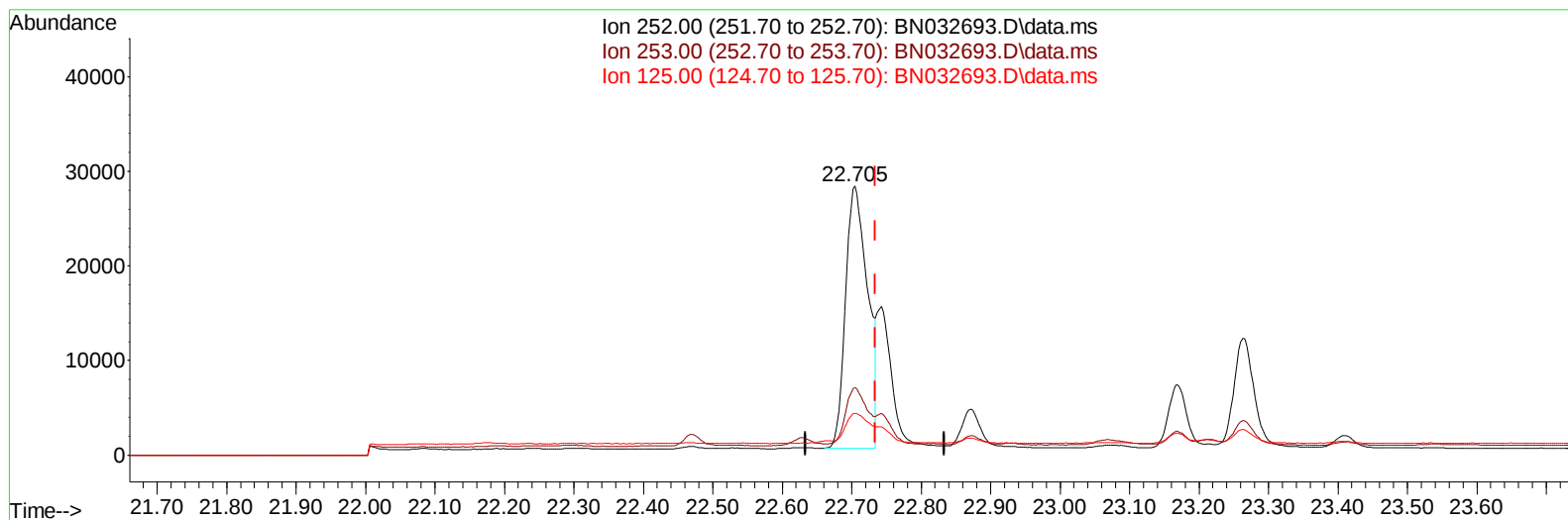
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN071224\  
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Misc :  
ALS Vial : 33 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
A4CB8DL

Manual IntegrationsAPPROVED

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TIC: BN032693.D\data.ms

(24) Benzo(b)fluoranthene

22.705min (-0.029) 1.11 ng/ul m

response 61695

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 27.00  | 25.12  |
| 125.00 | 18.00  | 15.50  |
| 0.00   | 0.00   | 0.00   |

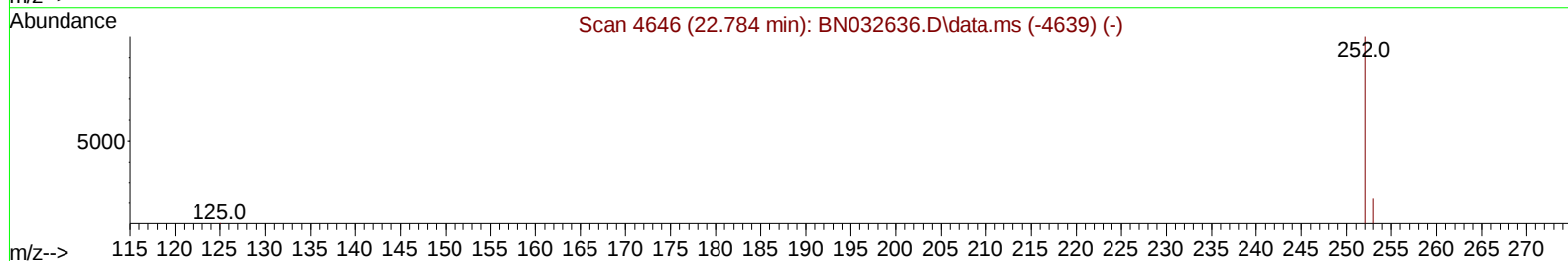
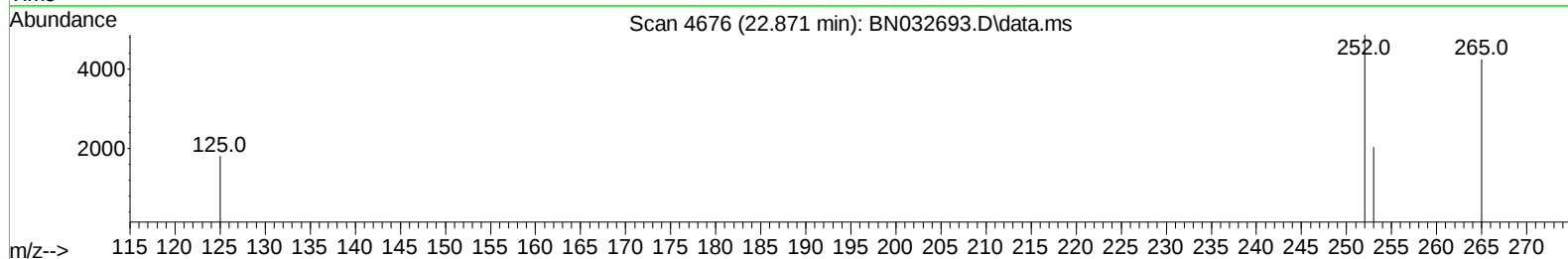
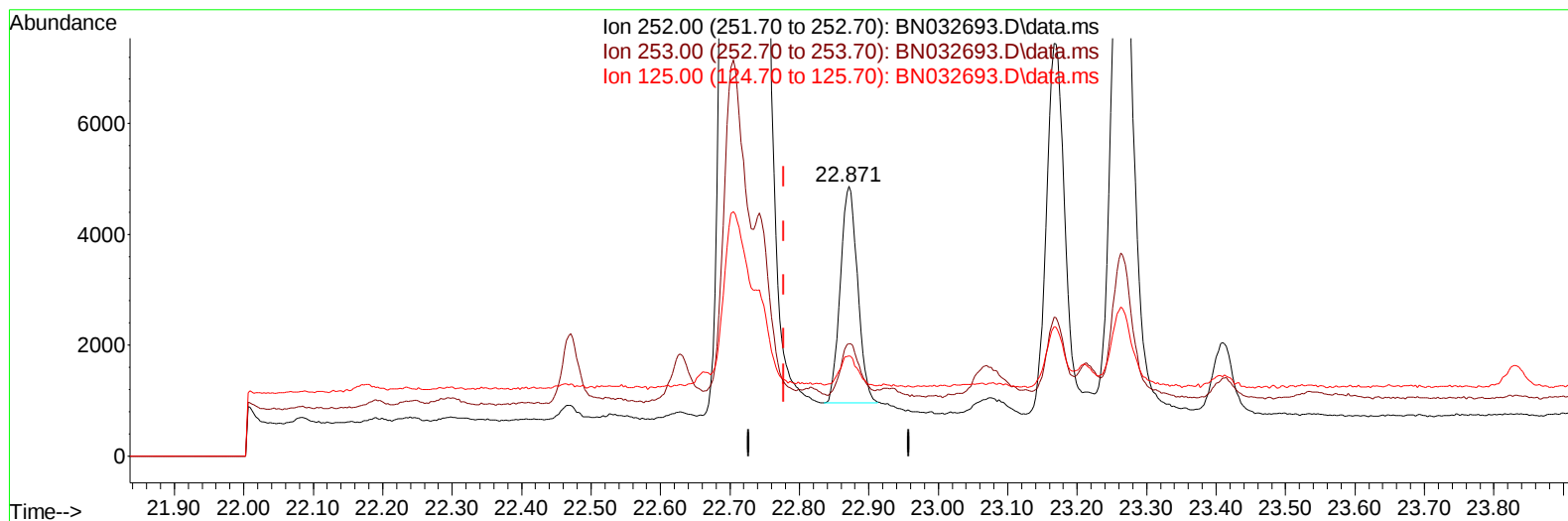
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN071224\  
Data File : BN032693.D  
Acq On : 13 Jul 2024 04:15  
Operator : MA/JU  
Sample : P3035-20DL 5X  
Misc :  
ALS Vial : 33 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
A4CB8DL

Manual IntegrationsAPPROVED

Quant Time: Jul 13 04:44:26 2024  
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TIC: BN032693.D\data.ms

(25) Benzo(k)fluoranthene

22.871min (+ 0.094) 0.10 ng/u1

response 6717

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 26.50  | 41.72# |
| 125.00 | 18.50  | 37.08# |
| 0.00   | 0.00   | 0.00   |

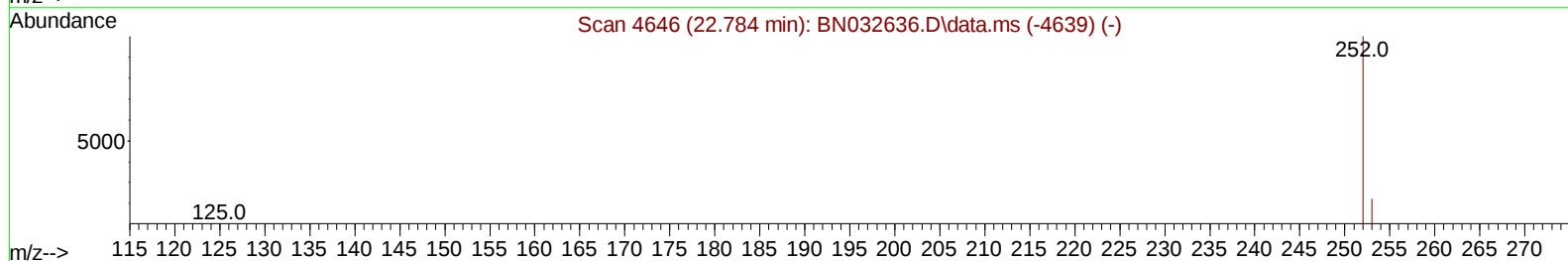
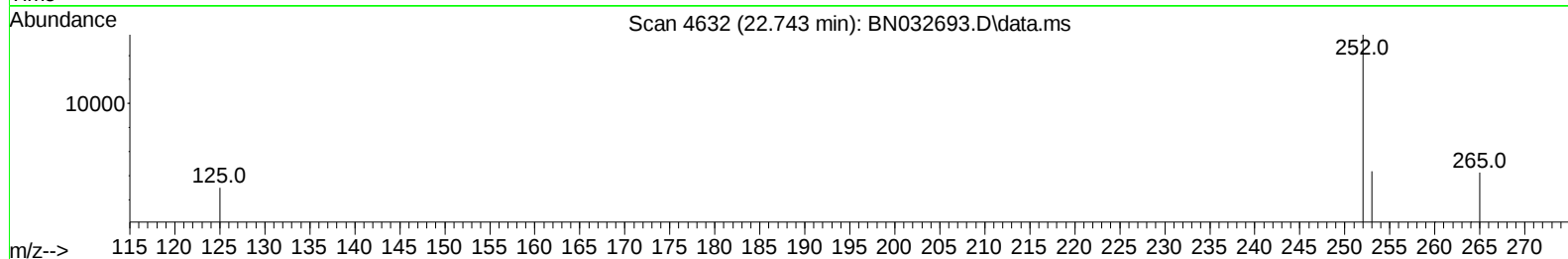
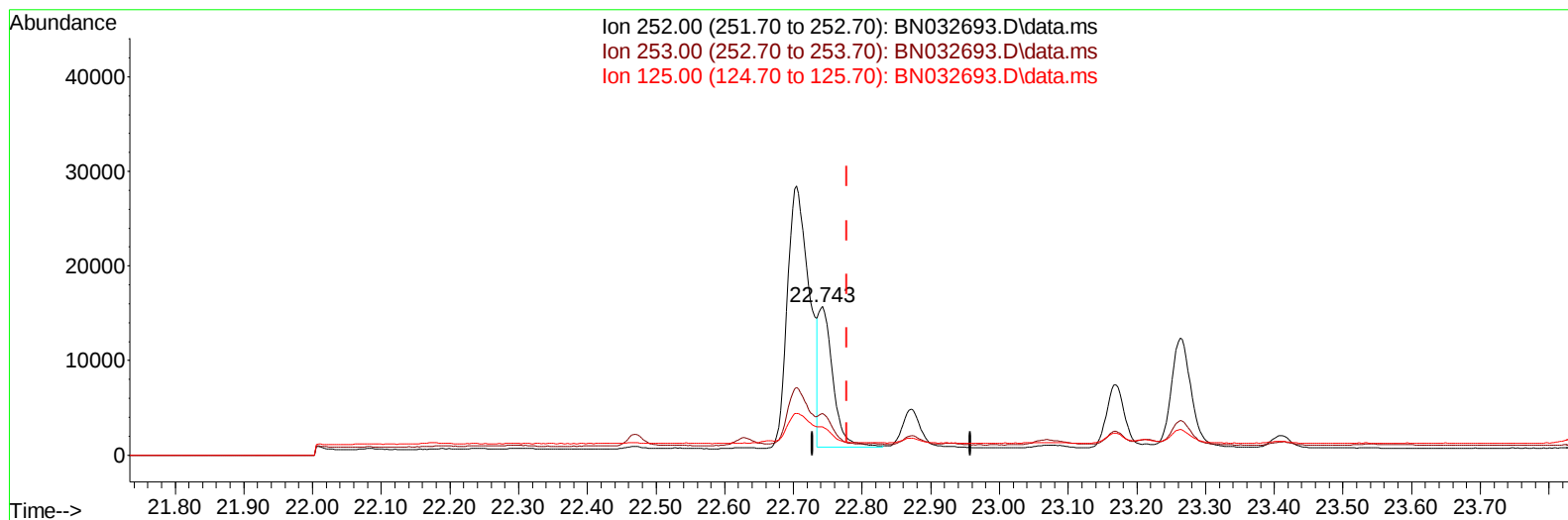
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Operator : MA/JU  
Sample : P3035-20DL 5X  
Misc :  
ALS Vial : 33 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
A4CB8DL

Manual IntegrationsAPPROVED

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TIC: BN032693.D\data.ms

(25) Benzo(k)fluoranthene

22.743min (-0.035) 0.32 ng/u1 m

response 21688

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 26.50  | 27.88  |
| 125.00 | 18.50  | 19.10  |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN071224\  
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 Misc :  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 BNA\_N  
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## Manual IntegrationsAPPROVED

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| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.553  | 152  | 5616     | 0.400 | ng/ul  | -0.03    |
| 4) Naphthalene-d8           | 10.327 | 136  | 16451    | 0.400 | ng/ul  | -0.03    |
| 9) Acenaphthene-d10         | 14.202 | 164  | 8529     | 0.400 | ng/ul  | -0.01    |
| 13) Phenanthrene-d10        | 16.961 | 188  | 15483    | 0.400 | ng/ul  | -0.03    |
| 17) Chrysene-d12            | 21.168 | 240  | 14040    | 0.400 | ng/ul  | -0.03    |
| 23) Perylene-d12            | 23.362 | 264  | 15811m   | 0.400 | ng/ul  | -0.04    |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.105  | 96   | 4071     | 0.604 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 11.944 | 152  | 850      | 0.034 | ng/ul  | -0.03    |
| 18) Fluoranthene-d10        | 18.999 | 212  | 1635     | 0.036 | ng/ul  | -0.03    |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 5) Naphthalene              | 10.376 | 128  | 1032     | 0.023 | ng/ul# | 73       |
| 10) Acenaphthylene          | 13.920 | 152  | 2468     | 0.072 | ng/ul# | 90       |
| 11) Acenaphthene            | 14.262 | 153  | 2095     | 0.074 | ng/ul  | 97       |
| 12) Fluorene                | 15.262 | 166  | 2579     | 0.079 | ng/ul# | 99       |
| 15) Phenanthrene            | 16.999 | 178  | 48461    | 1.149 | ng/ul  | 99       |
| 16) Anthracene              | 17.096 | 178  | 10682    | 0.310 | ng/ul  | 97       |
| 19) Fluoranthene            | 19.027 | 202  | 95930    | 1.681 | ng/ul  | 99       |
| 20) Pyrene                  | 19.394 | 202  | 68662    | 1.162 | ng/ul  | 98       |
| 21) Benzo(a)anthracene      | 21.153 | 228  | 45733    | 1.023 | ng/ul  | 99       |
| 22) Chrysene                | 21.206 | 228  | 42864    | 0.663 | ng/ul  | 98       |
| 24) Benzo(b)fluoranthene    | 22.705 | 252  | 61695m   | 1.106 | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 22.743 | 252  | 21688m   | 0.319 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.263 | 252  | 23353    | 0.484 | ng/ul  | 94       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.569 | 276  | 21711    | 0.332 | ng/ul# | 90       |
| 28) Dibenzo(a,h)anthracene  | 25.569 | 278  | 6695     | 0.132 | ng/ul# | 75       |
| 29) Benzo(g,h,i)perylene    | 26.256 | 276  | 2910     | 0.053 | ng/ul# | 62       |
| -----                       |        |      |          |       |        |          |

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

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