

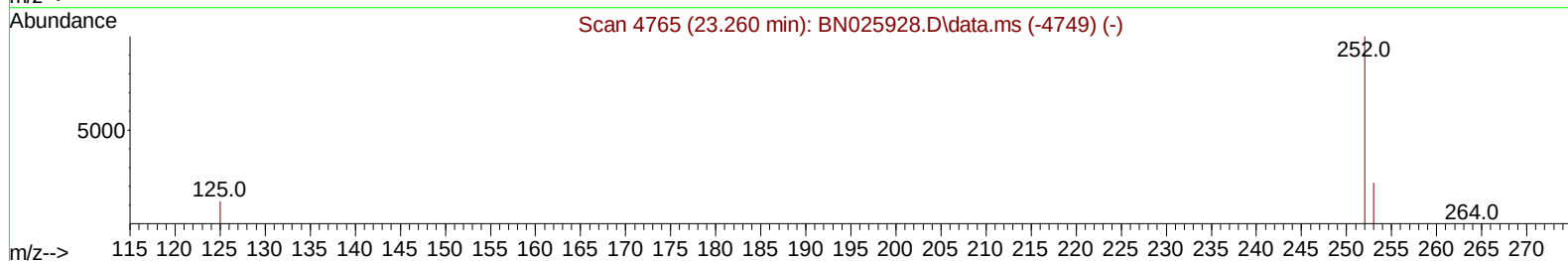
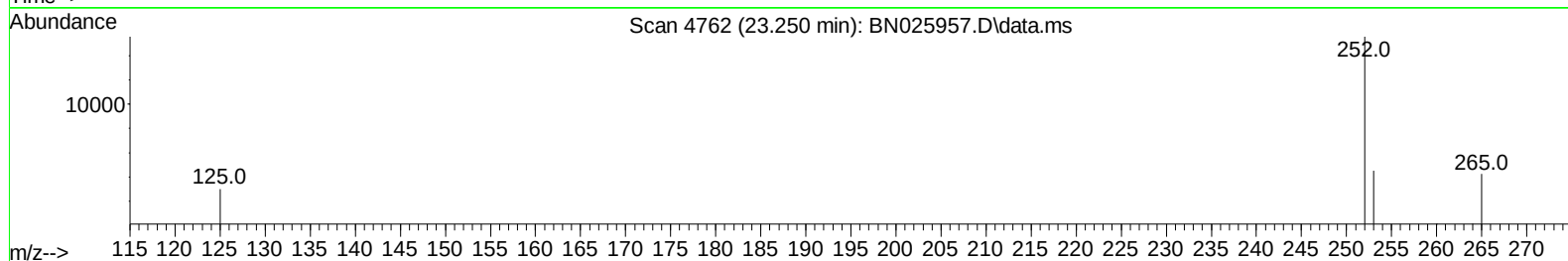
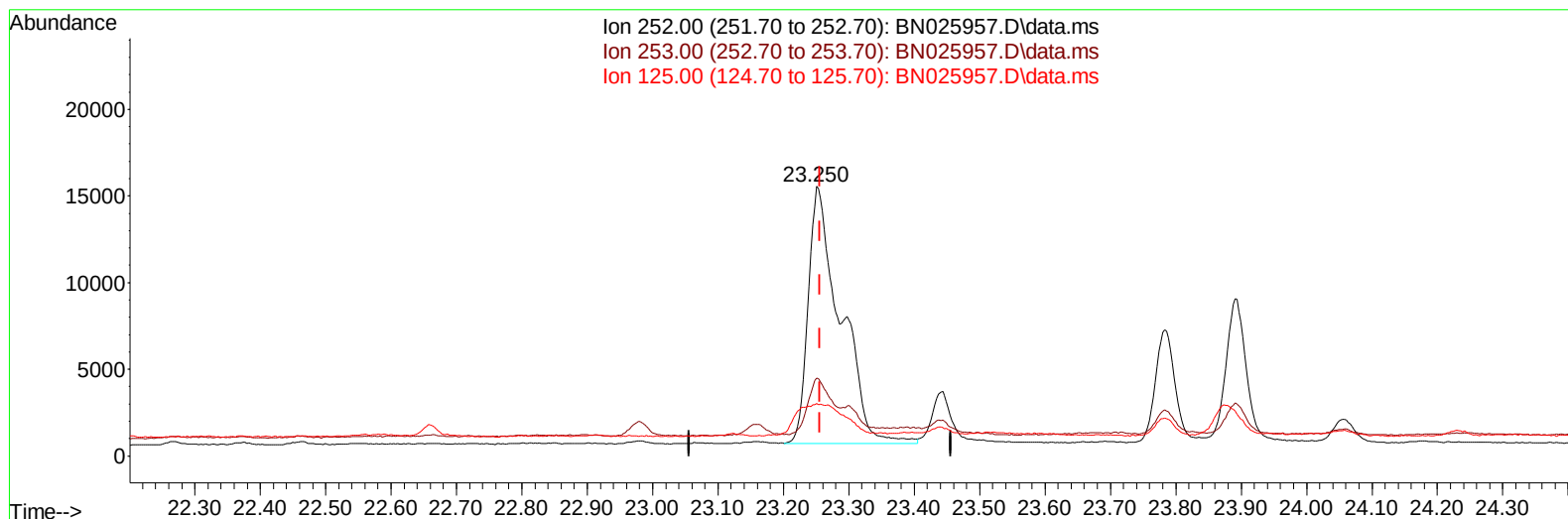
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN062223\  
Data File : BN025957.D  
Acq On : 23 Jun 2023 03:00  
Operator : MA/JU  
Sample : 03083-20DL 5X  
Misc :  
ALS Vial : 30 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
DCFQ6DL

Manual IntegrationsAPPROVED

Quant Time: Jun 23 03:29:00 2023  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN062223.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Jun 22 01:27:41 2023  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/23/2023  
Supervised By :mohammad ahmed 06/23/2023



TIC: BN025957.D\data.ms

(24) Benzo(b)fluoranthene

23.250min (-0.006) 0.64 ng/u1

response 50893

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 27.80  | 28.93  |
| 125.00 | 17.90  | 19.46  |
| 0.00   | 0.00   | 0.00   |

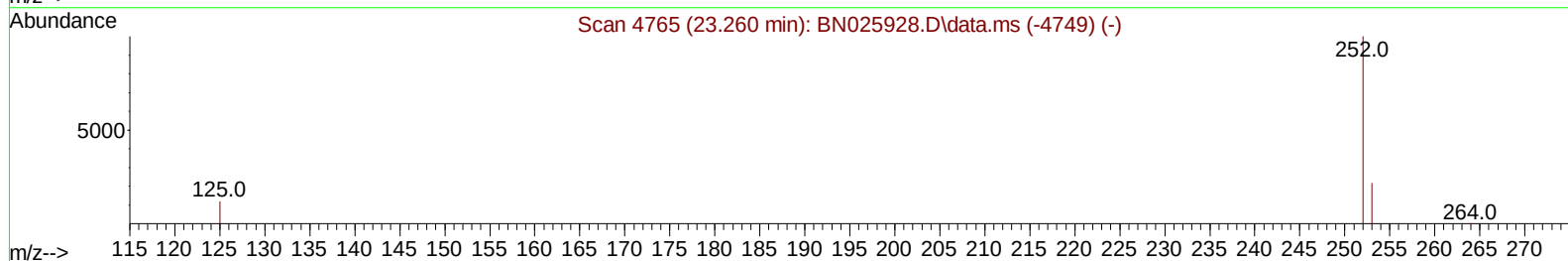
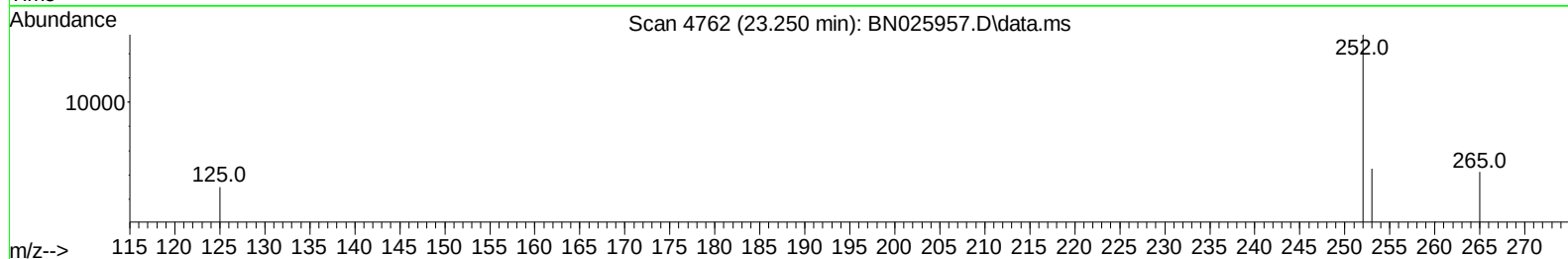
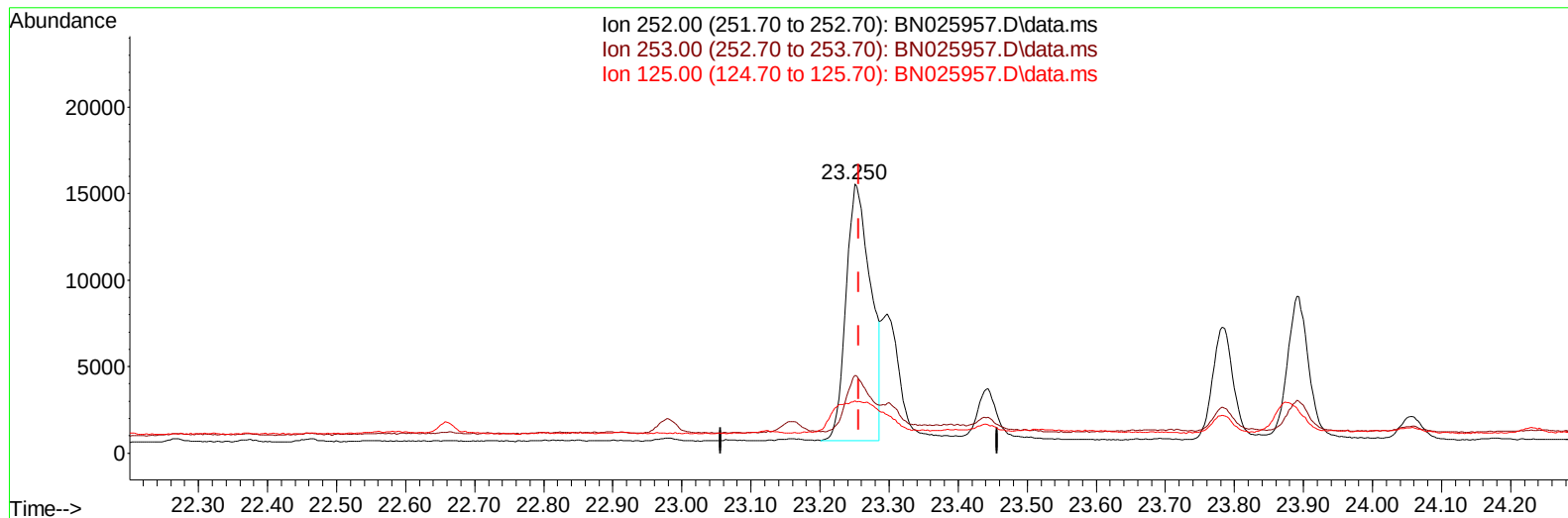
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN062223\  
Data File : BN025957.D  
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Operator : MA/JU  
Sample : 03083-20DL 5X  
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ALS Vial : 30 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
DCFQ6DL

Manual IntegrationsAPPROVED

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TIC: BN025957.D\data.ms

(24) Benzo(b)fluoranthene

23.250min (-0.006) 0.46 ng/ul m

response 36683

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 27.80  | 28.93  |
| 125.00 | 17.90  | 19.46  |
| 0.00   | 0.00   | 0.00   |

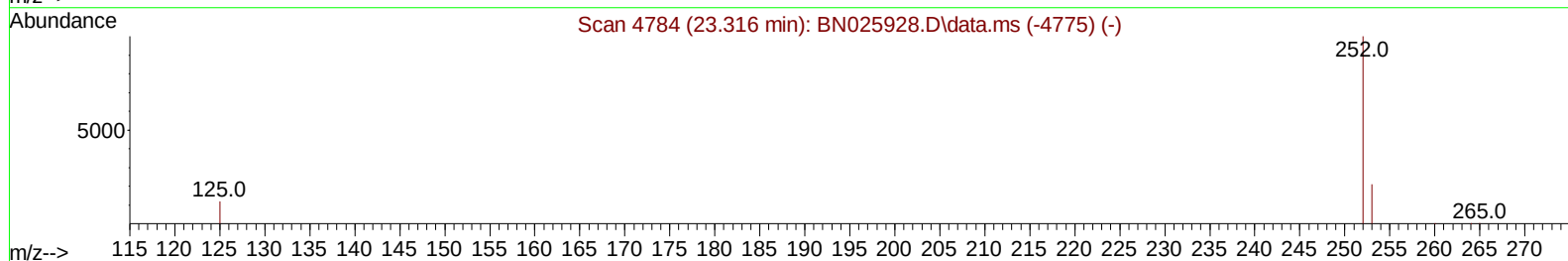
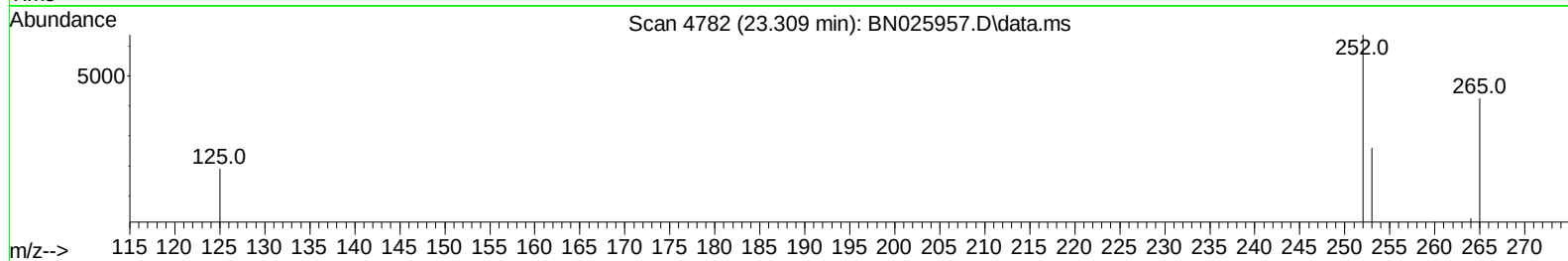
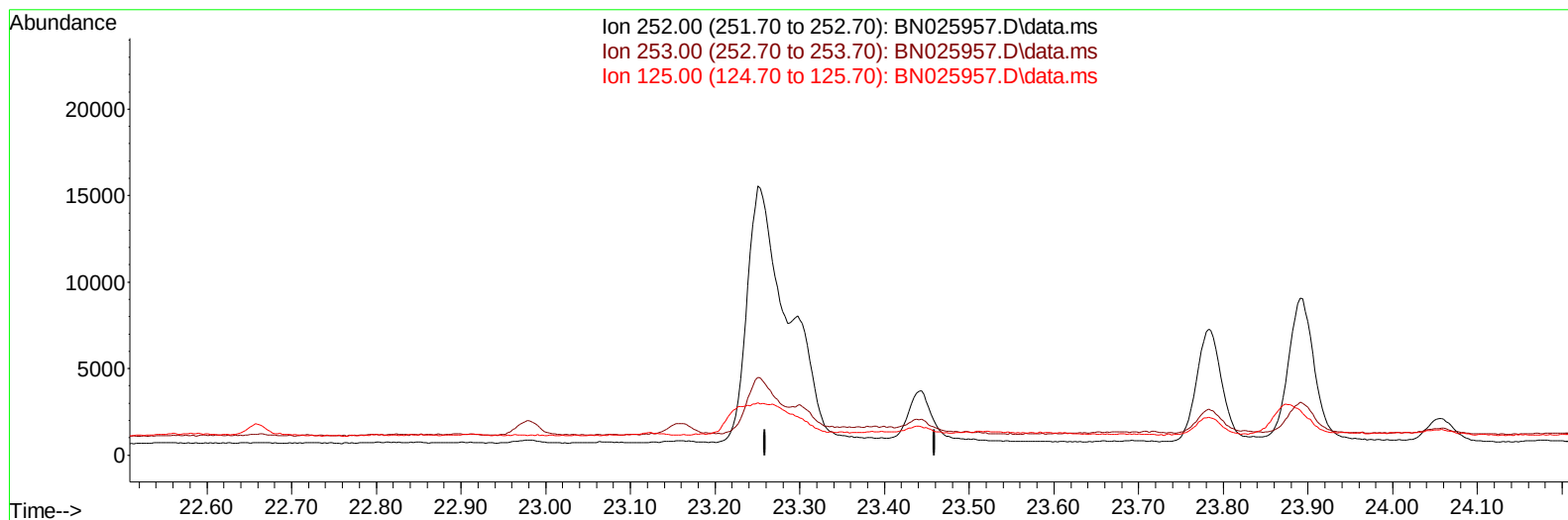
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN062223\  
 Data File : BN025957.D  
 Acq On : 23 Jun 2023 03:00  
 Operator : MA/JU  
 Sample : 03083-20DL 5X  
 Misc :  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 DCFQ6DL

Manual IntegrationsAPPROVED

Quant Time: Jun 23 03:29:00 2023  
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TIC: BN025957.D\data.ms

(25) Benzo(k)fluoranthene

23.309min (-23.309) 0.00 ng/u1

response 0

| Ion    | Exp%   | Act%  |
|--------|--------|-------|
| 252.00 | 100.00 | 0.00  |
| 253.00 | 29.00  | 0.00# |
| 125.00 | 18.70  | 0.00# |
| 0.00   | 0.00   | 0.00  |

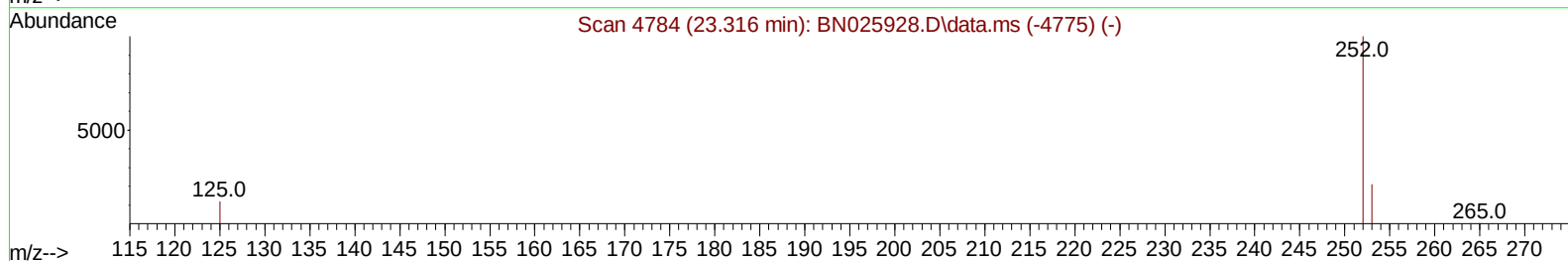
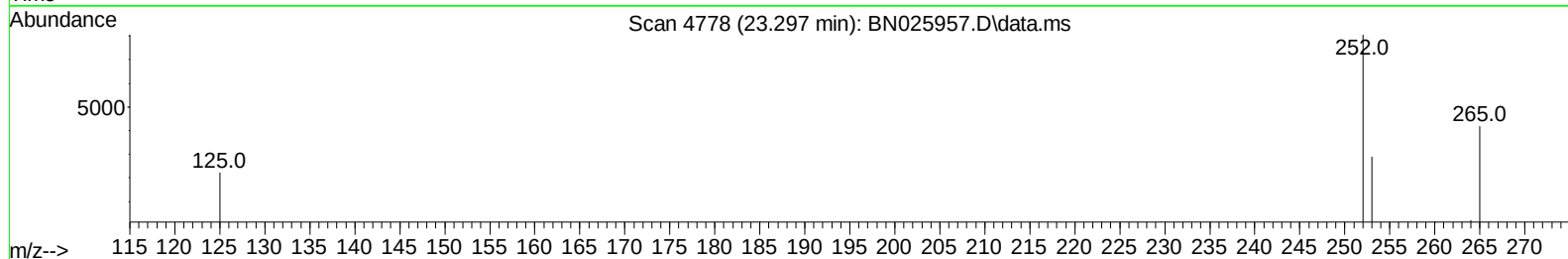
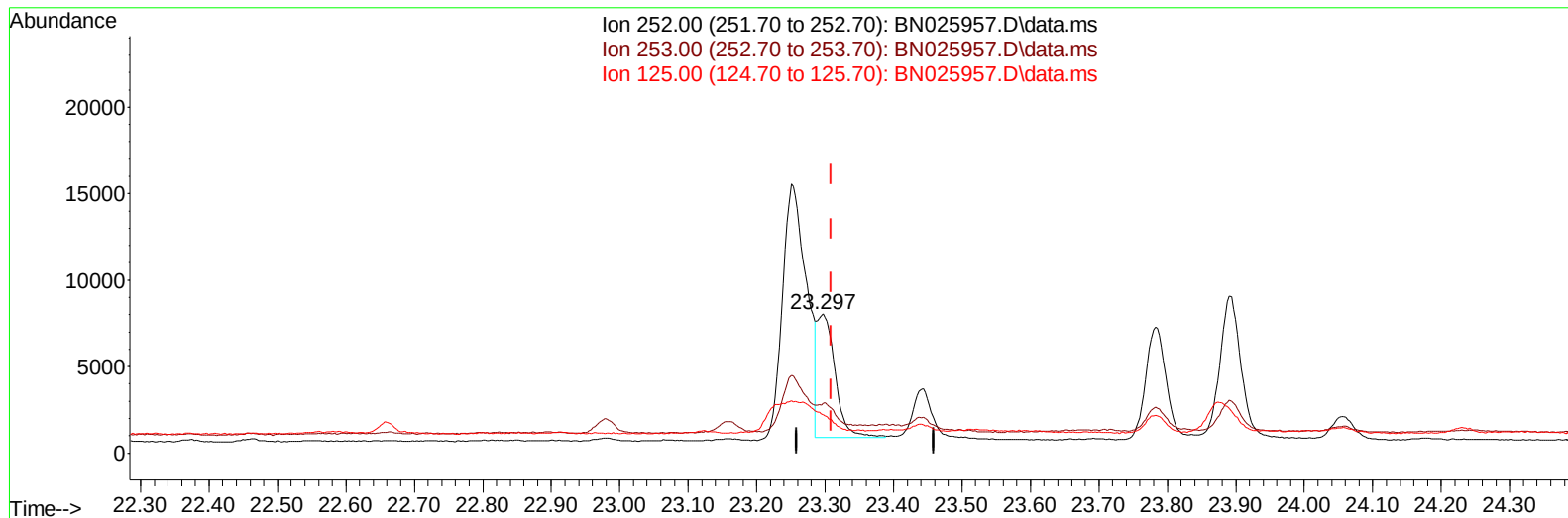
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN062223\  
 Data File : BN025957.D  
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 Operator : MA/JU  
 Sample : 03083-20DL 5X  
 Misc :  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 DCFQ6DL

Manual IntegrationsAPPROVED

Quant Time: Jun 23 03:29:00 2023  
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TIC: BN025957.D\data.ms

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

23.297min (-0.012) 0.16 ng/ul m

response 13003

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 29.00  | 35.82# |
| 125.00 | 18.70  | 27.47# |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN062223\  
 Data File : BN025957.D  
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 Operator : MA/JU  
 Sample : 03083-20DL 5X  
 Misc :  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 DCFQ6DL

## Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/23/2023  
 Supervised By :mohammad ahmed 06/23/2023

Quant Time: Jun 23 03:29:00 2023  
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| Compound                    | R.T.   | Q   | Ion | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|-----|-----|----------|-------|--------|----------|
| -----                       |        |     |     |          |       |        |          |
| Internal Standards          |        |     |     |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.980  | 152 |     | 9632     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.792 | 136 |     | 29493    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.616 | 164 |     | 16281    | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.364 | 188 |     | 30258    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.543 | 240 |     | 17669    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 24.005 | 264 |     | 18639    | 0.400 | ng/ul  | -0.01    |
| System Monitoring Compounds |        |     |     |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.335  | 96  |     | 3817     | 0.352 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.387 | 152 |     | 1031     | 0.023 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.387 | 212 |     | 1749     | 0.026 | ng/ul  | 0.00     |
| Target Compounds            |        |     |     |          |       |        |          |
|                             |        |     |     |          |       | Qvalue |          |
| 5) Naphthalene              | 10.842 | 128 |     | 2468     | 0.029 | ng/ul# | 88       |
| 10) Acenaphthylene          | 14.339 | 152 |     | 6760     | 0.089 | ng/ul  | 97       |
| 15) Phenanthrene            | 17.402 | 178 |     | 17147    | 0.172 | ng/ul  | 98       |
| 16) Anthracene              | 17.495 | 178 |     | 3982     | 0.045 | ng/ul# | 89       |
| 19) Fluoranthene            | 19.414 | 202 |     | 47878    | 0.507 | ng/ul  | 99       |
| 20) Pyrene                  | 19.777 | 202 |     | 38823    | 0.396 | ng/ul  | 98       |
| 21) Benzo(a)anthracene      | 21.526 | 228 |     | 19015    | 0.261 | ng/ul  | 96       |
| 22) Chrysene                | 21.584 | 228 |     | 22660    | 0.299 | ng/ul  | 96       |
| 24) Benzo(b)fluoranthene    | 23.250 | 252 |     | 36683m   | 0.461 | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 23.297 | 252 |     | 13003m   | 0.163 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.891 | 252 |     | 17336    | 0.251 | ng/ul# | 93       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.561 | 276 |     | 17270    | 0.229 | ng/ul# | 87       |
| 28) Dibenzo(a,h)anthracene  | 26.571 | 278 |     | 4332     | 0.076 | ng/ul# | 62       |
| 29) Benzo(g,h,i)perylene    | 27.352 | 276 |     | 2874     | 0.043 | ng/ul# | 70       |
| -----                       |        |     |     |          |       |        |          |

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

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