

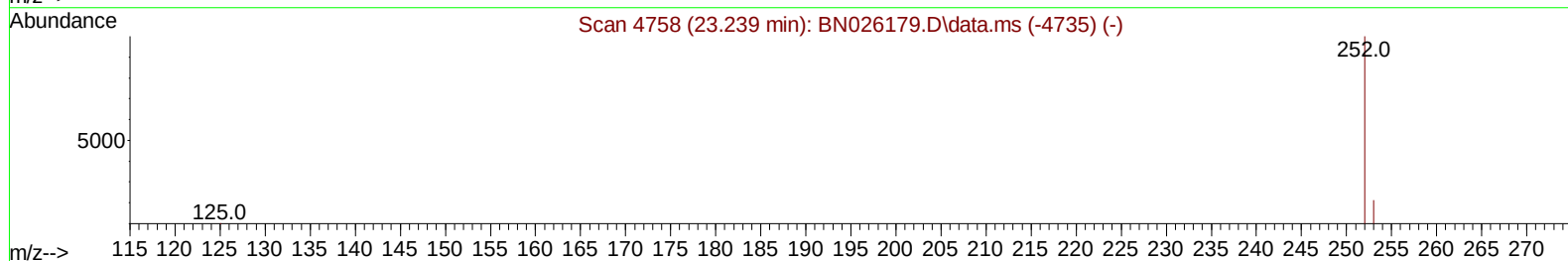
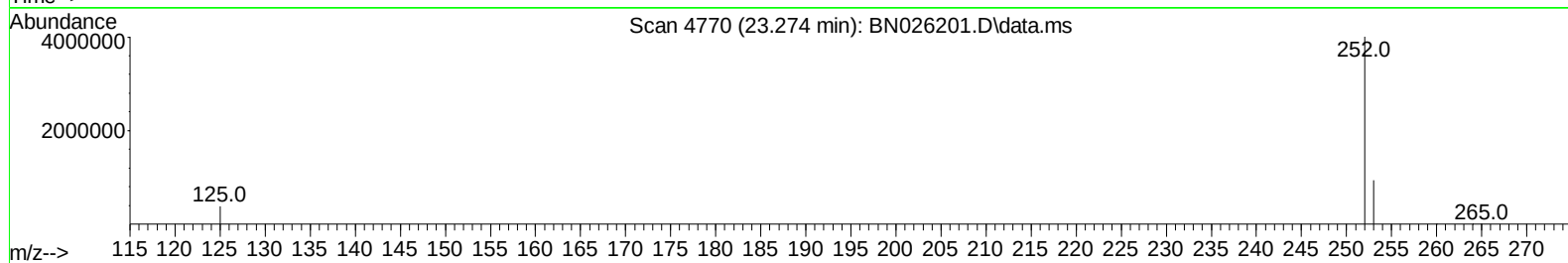
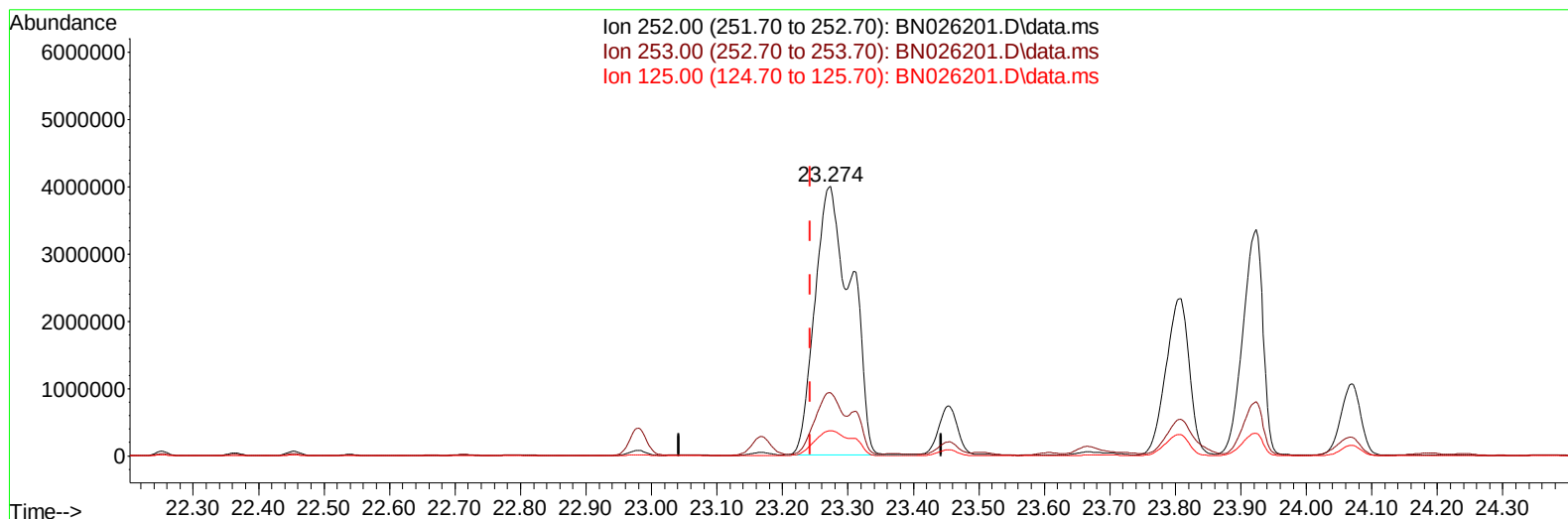
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN070223\  
 Data File : BN026201.D  
 Acq On : 02 Jul 2023 23:06  
 Operator : MA/JU  
 Sample : 03244-07  
 Misc :  
 ALS Vial : 58 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 DCGE6

Manual IntegrationsAPPROVED

Quant Time: Jul 03 06:28:09 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 : Sat Jul 01 01:46:24 2023  
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/03/2023  
 Supervised By :Sohil Jodhani 07/04/2023



TIC: BN026201.D\data.ms

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

23.274min (+ 0.031) 86.12 ng/ul

response 15234343

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 27.80  | 23.49  |
| 125.00 | 17.90  | 9.45   |
| 0.00   | 0.00   | 0.00   |

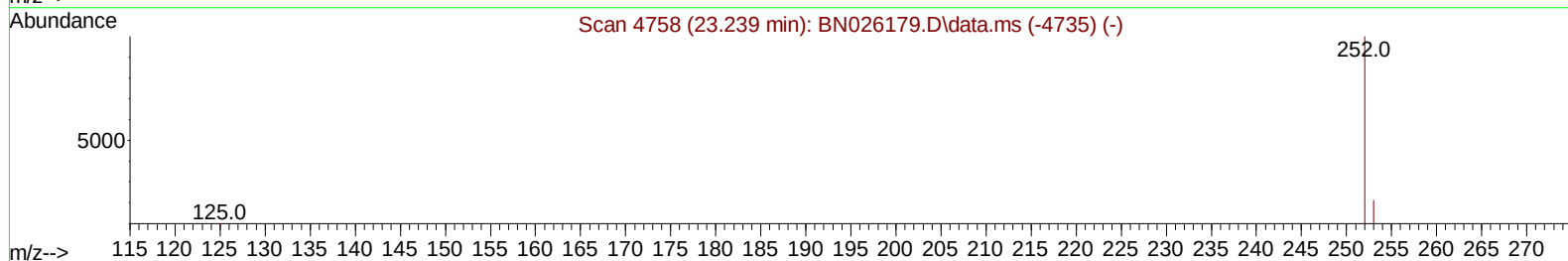
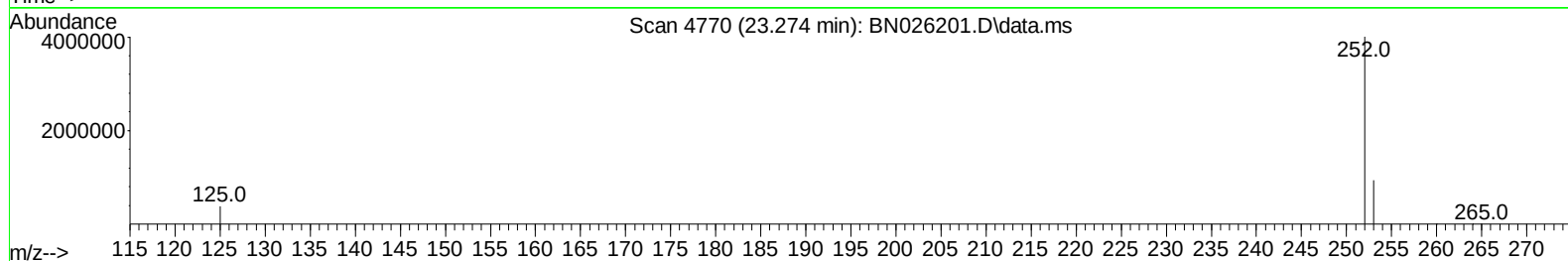
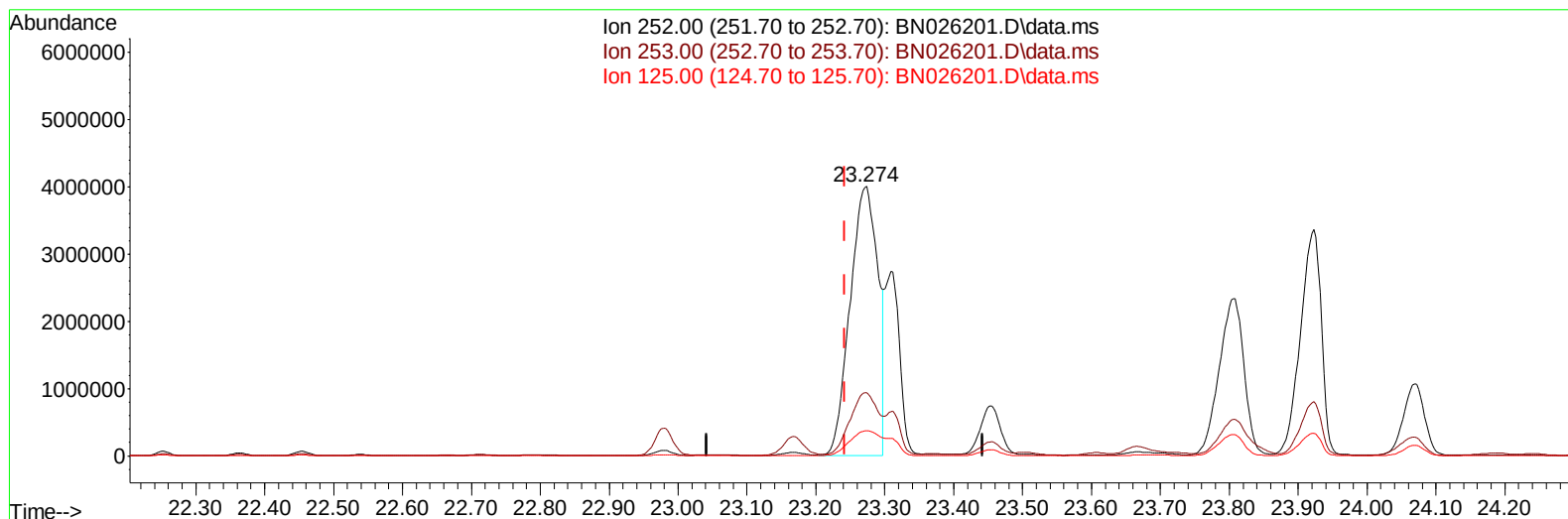
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN070223\  
 Data File : BN026201.D  
 Acq On : 02 Jul 2023 23:06  
 Operator : MA/JU  
 Sample : 03244-07  
 Misc :  
 ALS Vial : 58 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 DCGE6

Manual IntegrationsAPPROVED

Quant Time: Jul 03 06:28:09 2023  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN062223.M  
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TIC: BN026201.D\data.ms

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

23.274min (+ 0.031) 63.46 ng/ul m

response 11225597

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 27.80  | 23.49  |
| 125.00 | 17.90  | 9.45   |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN070223\  
 Data File : BN026201.D  
 Acq On : 02 Jul 2023 23:06  
 Operator : MA/JU  
 Sample : 03244-07  
 Misc :  
 ALS Vial : 58 Sample Multiplier: 1

## Instrument :

BNA\_N

ClientSampleId :

DCGE6

## Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/03/2023  
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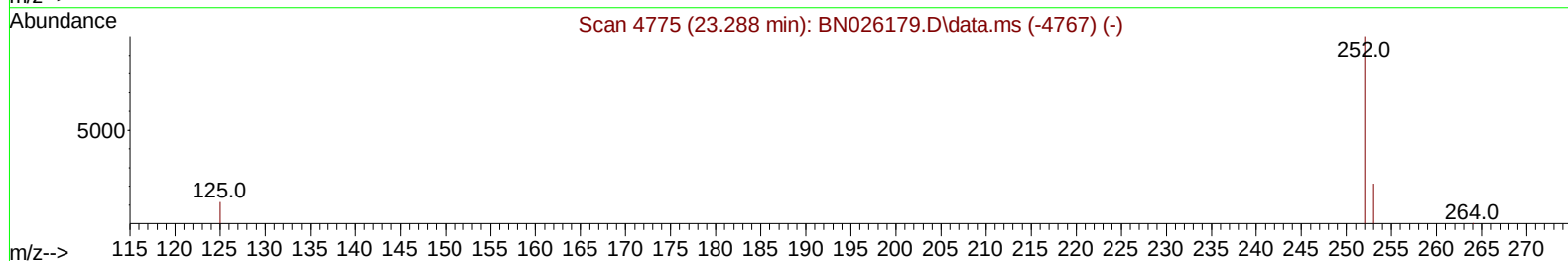
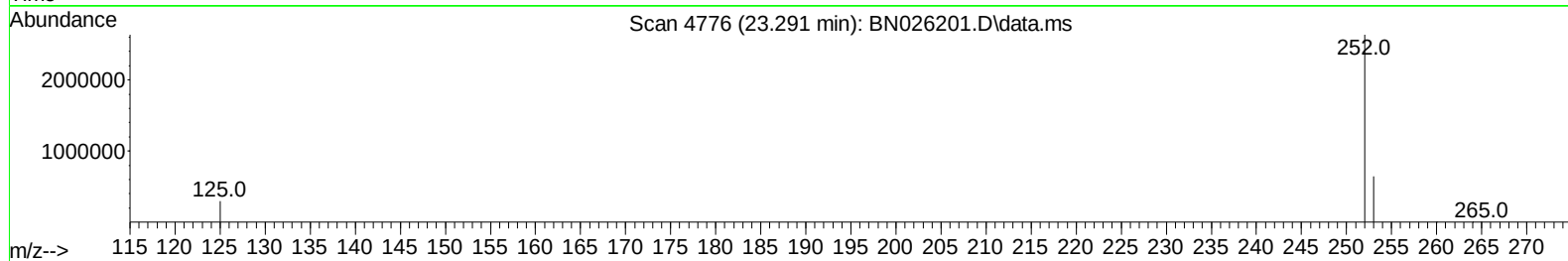
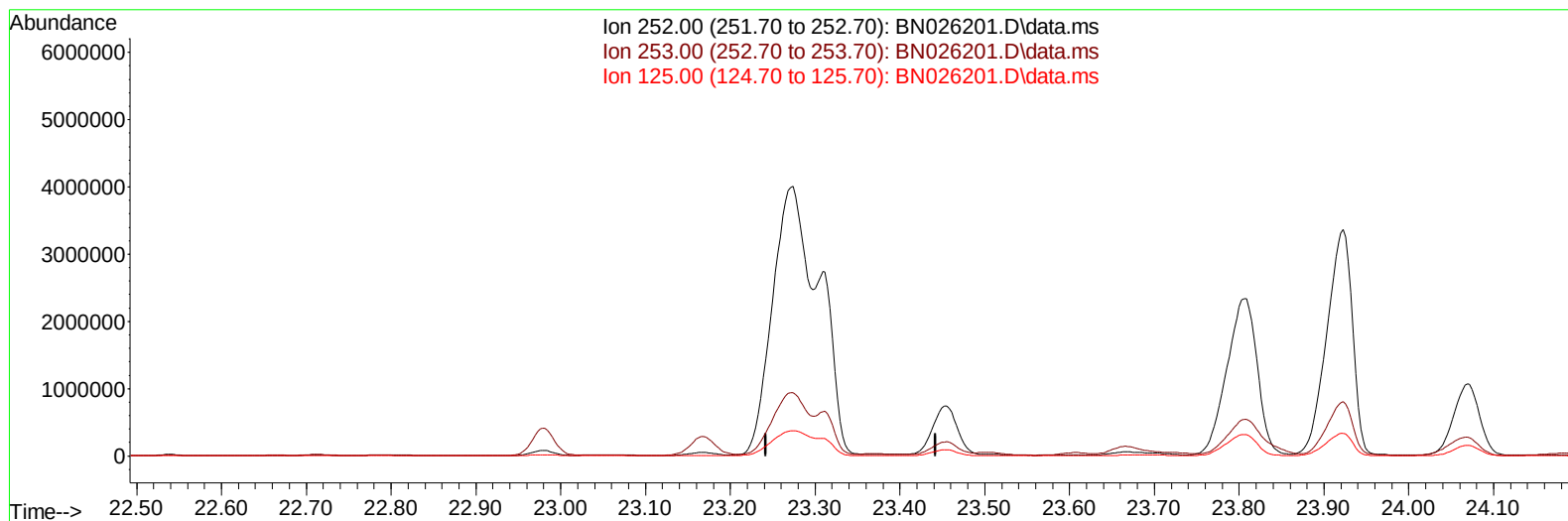
Quant Time: Jul 03 06:28:09 2023

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN062223.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Sat Jul 01 01:46:24 2023

Response via : Initial Calibration



TIC: BN026201.D\data.ms

## (25) Benzo(k)fluoranthene

23.292min (-23.292) 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\BN070223\  
 Data File : BN026201.D  
 Acq On : 02 Jul 2023 23:06  
 Operator : MA/JU  
 Sample : 03244-07  
 Misc :  
 ALS Vial : 58 Sample Multiplier: 1

Instrument :

BNA\_N

ClientSampleId :

DCGE6

Manual IntegrationsAPPROVED

Quant Time: Jul 03 06:28:09 2023

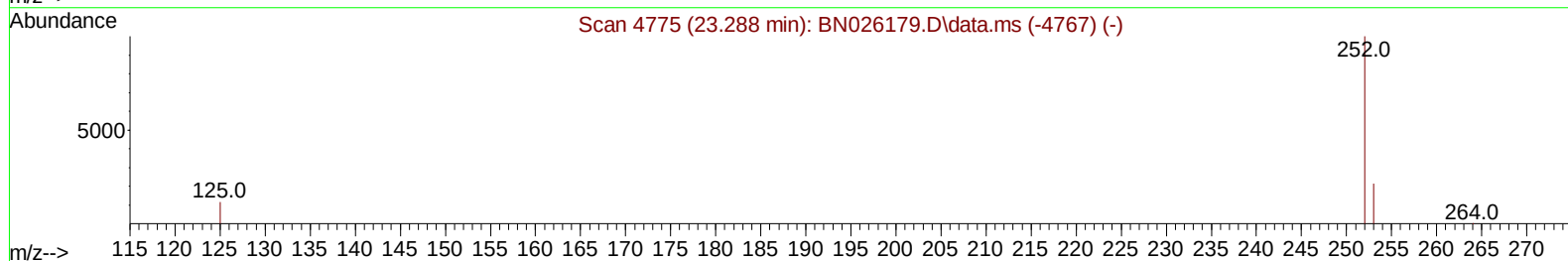
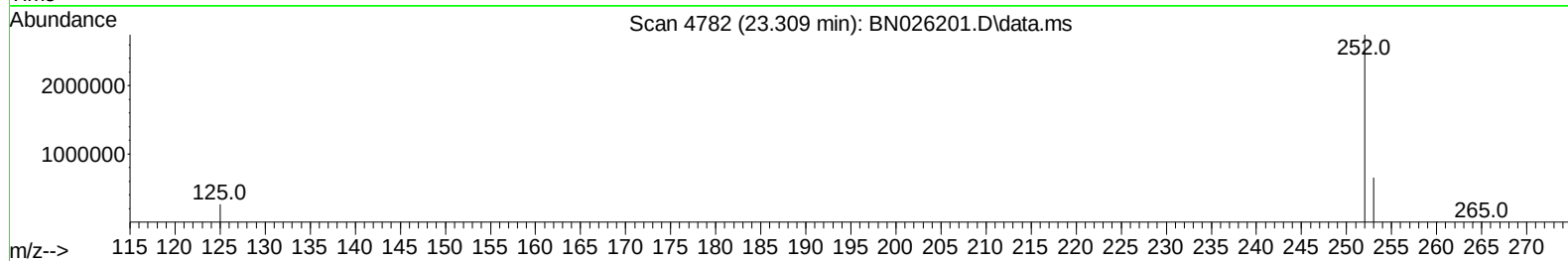
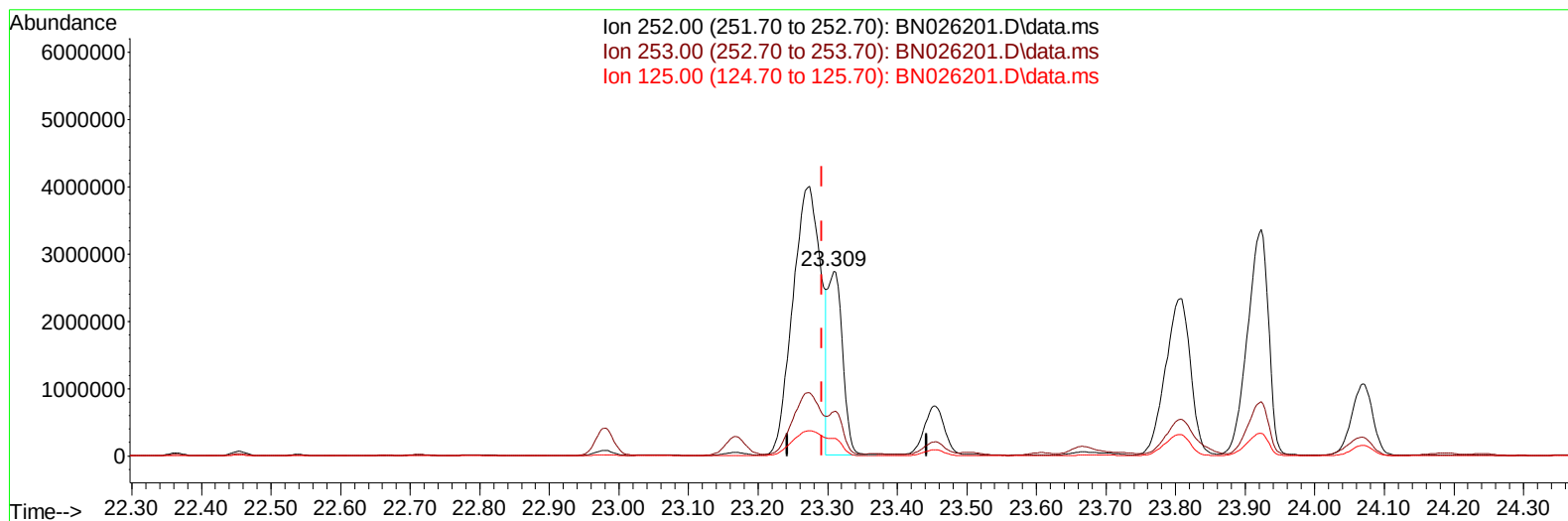
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN062223.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Sat Jul 01 01:46:24 2023

Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/03/2023  
 Supervised By :Sohil Jodhani 07/04/2023



TIC: BN026201.D\data.ms

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

23.309min (+ 0.017) 22.65 ng/ul m

response 4022820

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 29.00  | 23.93  |
| 125.00 | 18.70  | 9.56#  |
| 0.00   | 0.00   | 0.00   |

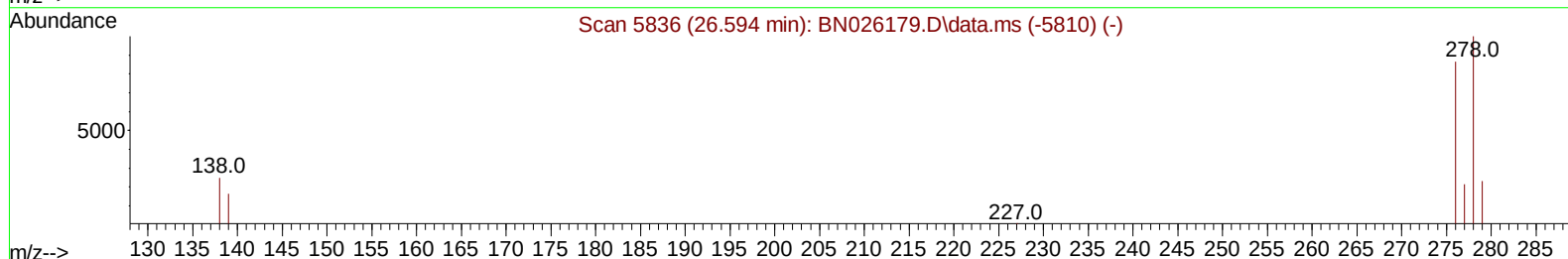
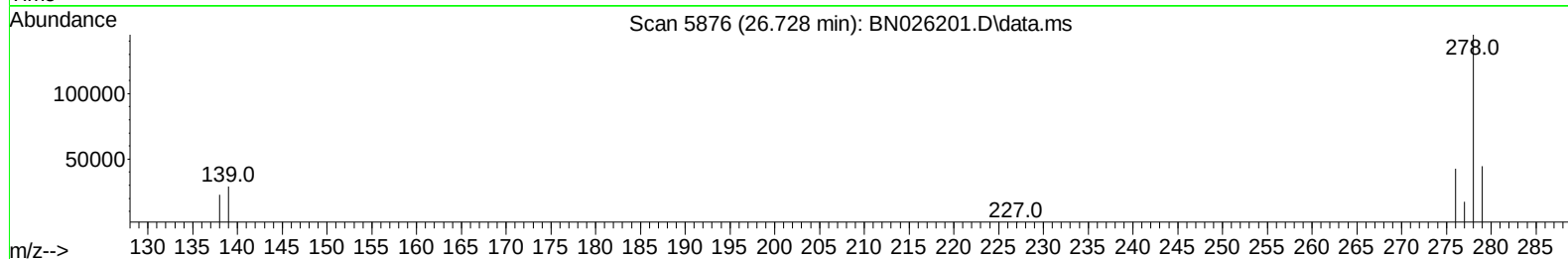
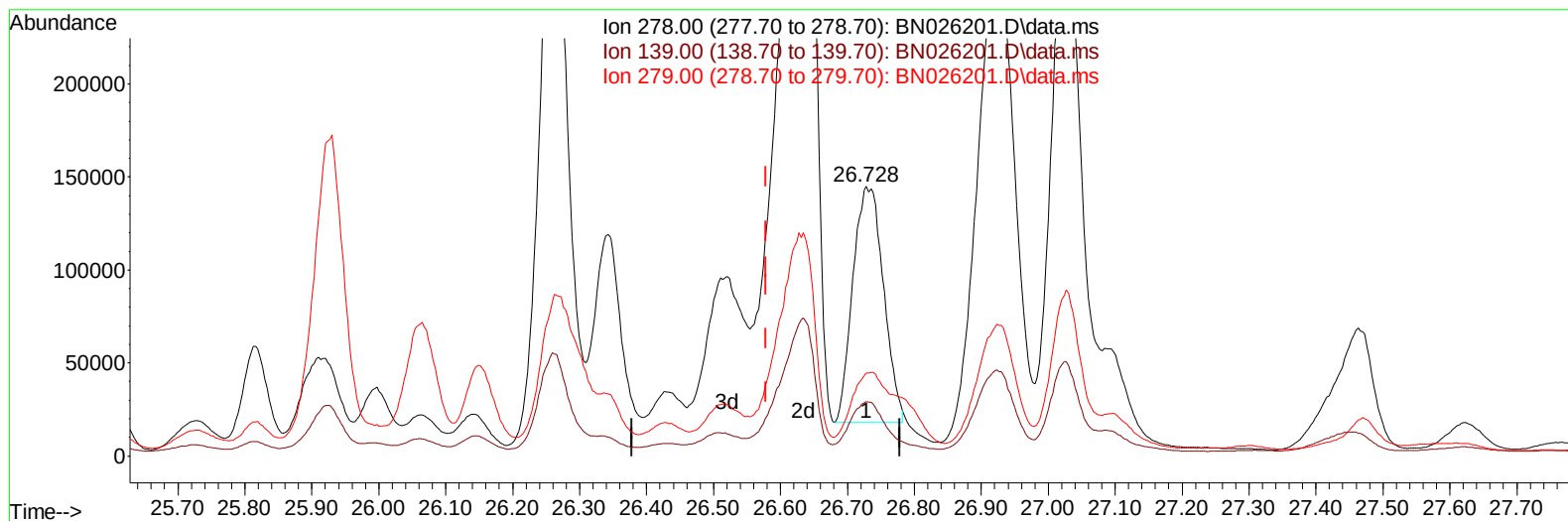
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN070223\  
 Data File : BN026201.D  
 Acq On : 02 Jul 2023 23:06  
 Operator : MA/JU  
 Sample : 03244-07  
 Misc :  
 ALS Vial : 58 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 DCGE6

Manual IntegrationsAPPROVED

Quant Time: Jul 03 06:28:09 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 : Sat Jul 01 01:46:24 2023  
 Response via : Initial Calibration

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TIC: BN026201.D\data.ms

**(28) Dibenzo(a,h)anthracene**

26.728min (+ 0.150) 3.16 ng/ul

response 401955

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 278.00 | 100.00 | 100.00 |
| 139.00 | 23.70  | 20.17  |
| 279.00 | 33.40  | 30.79  |
| 0.00   | 0.00   | 0.00   |

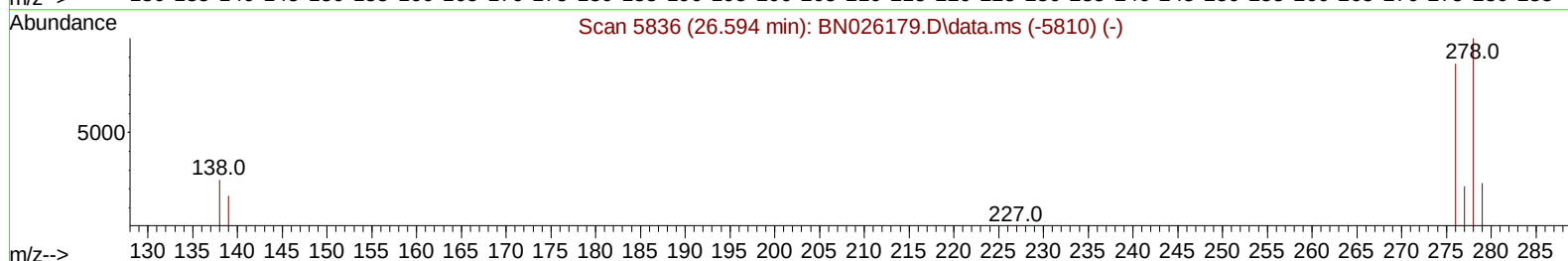
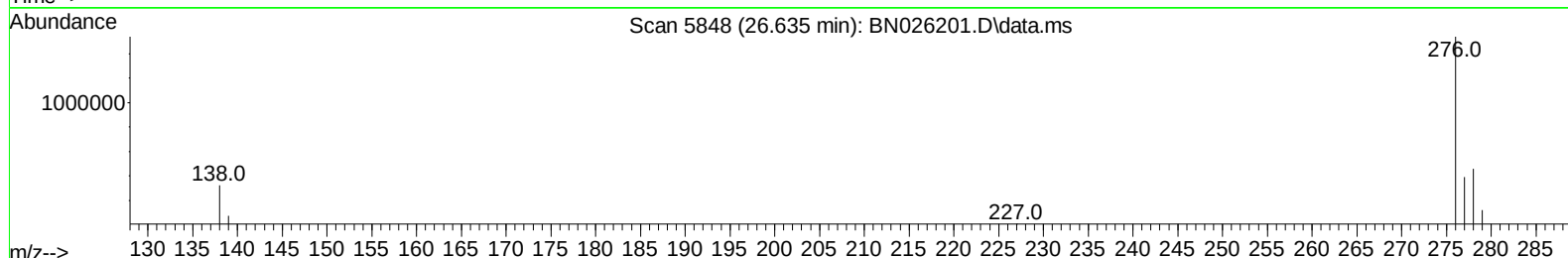
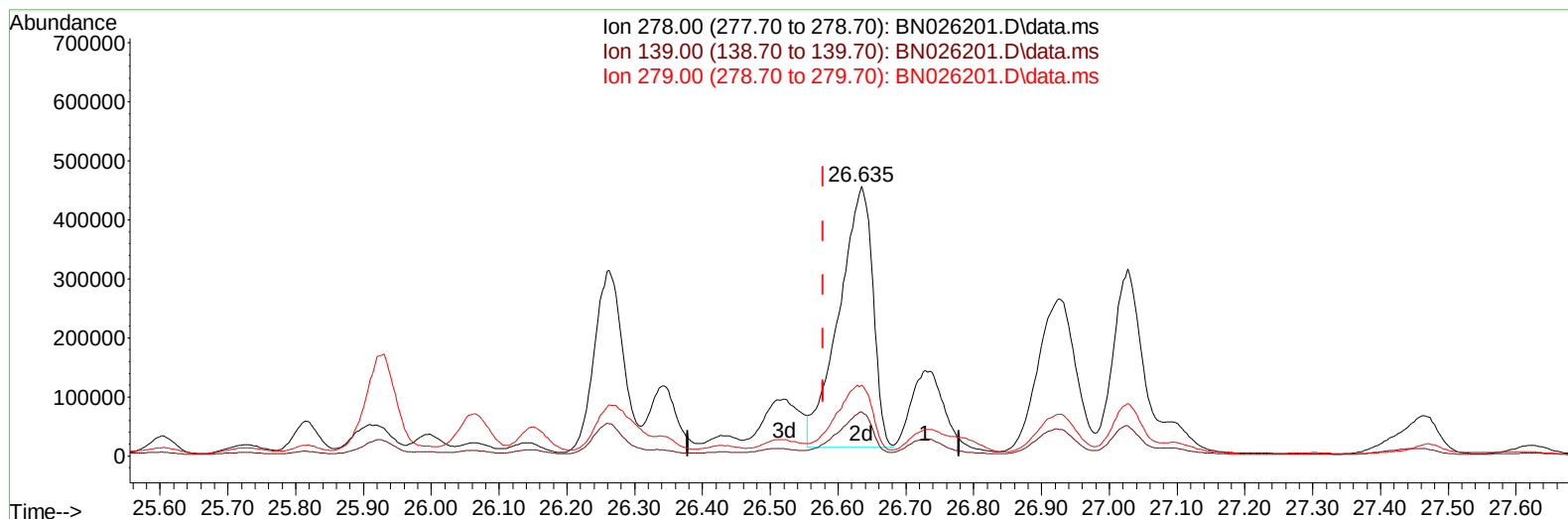
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN070223\  
Data File : BN026201.D  
Acq On : 02 Jul 2023 23:06  
Operator : MA/JU  
Sample : 03244-07  
Misc :  
ALS Vial : 58 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
DCGE6

Manual IntegrationsAPPROVED

Quant Time: Jul 03 06:28:09 2023  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN062223.M  
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TIC: BN026201.D\data.ms

**(28) Dibenzo(a,h)anthracene**

26.635min (+ 0.056) 12.07 ng/ul m

response 1533347

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 278.00 | 100.00 | 100.00 |
| 139.00 | 23.70  | 16.30# |
| 279.00 | 33.40  | 26.31# |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN070223\  
 Data File : BN026201.D  
 Acq On : 02 Jul 2023 23:06  
 Operator : MA/JU  
 Sample : 03244-07  
 Misc :  
 ALS Vial : 58 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 DCGE6

## Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/03/2023  
 Supervised By :Sohil Jodhani 07/04/2023

Quant Time: Jul 03 06:28:09 2023  
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| Compound                    | R.T.   | QIon | Response  | Conc    | Units  | Dev(Min) |
|-----------------------------|--------|------|-----------|---------|--------|----------|
| -----                       |        |      |           |         |        |          |
| Internal Standards          |        |      |           |         |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.955  | 152  | 8105      | 0.400   | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.765 | 136  | 25097     | 0.400   | ng/ul  | -0.01    |
| 9) Acenaphthene-d10         | 14.598 | 164  | 14977     | 0.400   | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.347 | 188  | 29112     | 0.400   | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.546 | 240  | 18358     | 0.400   | ng/ul  | # 0.00   |
| 23) Perylene-d12            | 24.010 | 264  | 41447     | 0.400   | ng/ul  | # 0.02   |
| System Monitoring Compounds |        |      |           |         |        |          |
| 3) 1,4-Dioxane-d8           | 3.318  | 96   | 19375     | 2.123   | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.354 | 152  | 6059      | 0.157   | ng/ul  | -0.01    |
| 18) Fluoranthene-d10        | 19.382 | 212  | 11126     | 0.159   | ng/ul  | 0.00     |
| Target Compounds            |        |      |           |         |        |          |
|                             |        |      |           |         |        | Qvalue   |
| 5) Naphthalene              | 10.814 | 128  | 41607     | 0.578   | ng/ul  | 99       |
| 7) 2-Methylnaphthalene      | 12.425 | 142  | 31297     | 0.683   | ng/ul  | 99       |
| 8) 1-Methylnaphthalene      | 12.645 | 142  | 29012     | 0.611   | ng/ul  | 100      |
| 10) Acenaphthylene          | 14.320 | 152  | 79223     | 1.130   | ng/ul  | 99       |
| 11) Acenaphthene            | 14.658 | 153  | 395652    | 6.897   | ng/ul  | 99       |
| 12) Fluorene                | 15.643 | 166  | 442475    | 6.727   | ng/ul  | 99       |
| 15) Phenanthrene            | 17.397 | 178  | 8998775   | 93.582  | ng/ul  | 98       |
| 16) Anthracene              | 17.482 | 178  | 2676404   | 31.314  | ng/ul  | 100      |
| 19) Fluoranthene            | 19.419 | 202  | 16361178  | 166.860 | ng/ul  | 97       |
| 20) Pyrene                  | 19.786 | 202  | 13958330  | 136.863 | ng/ul# | 93       |
| 21) Benzo(a)anthracene      | 21.526 | 228  | 7805961   | 103.073 | ng/ul  | 96       |
| 22) Chrysene                | 21.584 | 228  | 8243396   | 104.610 | ng/ul# | 94       |
| 24) Benzo(b)fluoranthene    | 23.274 | 252  | 11225597m | 63.456  | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 23.309 | 252  | 4022820m  | 22.646  | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.923 | 252  | 7060945   | 45.956  | ng/ul# | 81       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.635 | 276  | 5368270   | 31.988  | ng/ul# | 83       |
| 28) Dibenzo(a,h)anthracene  | 26.635 | 278  | 1533347m  | 12.072  | ng/ul  |          |
| 29) Benzo(g,h,i)perylene    | 27.433 | 276  | 4763565   | 31.908  | ng/ul# | 92       |
| -----                       |        |      |           |         |        |          |

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

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Misc :  
ALS Vial : 58 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
DCGE6

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