

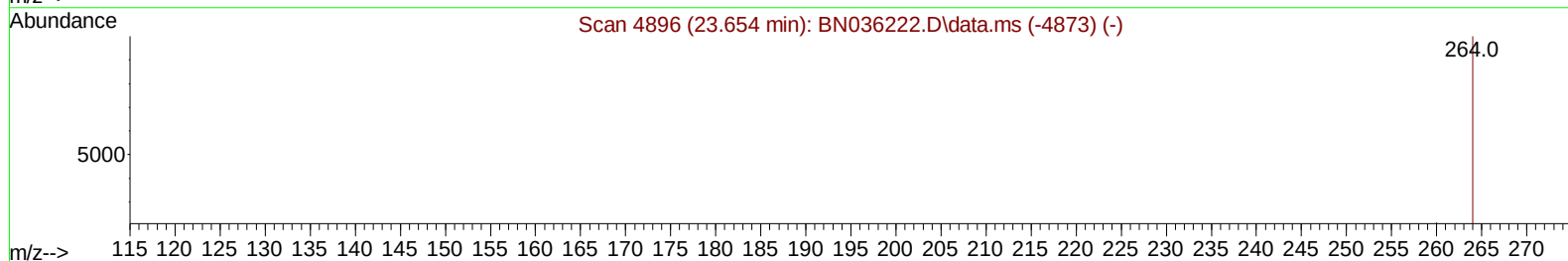
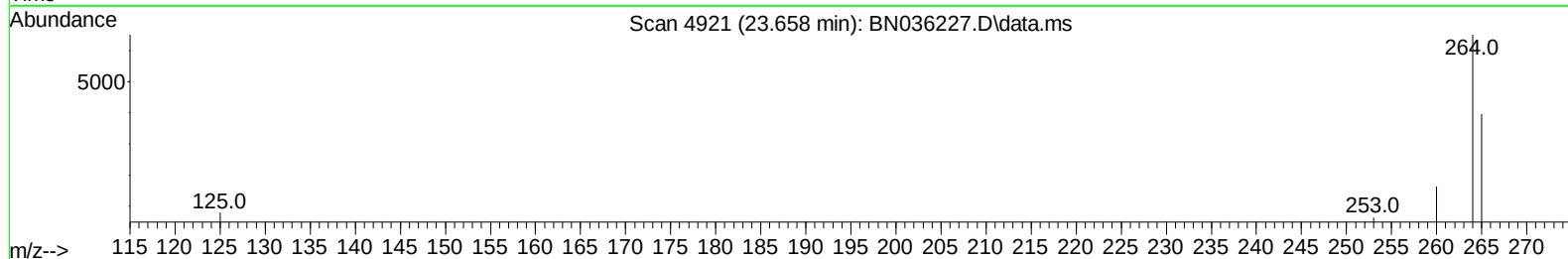
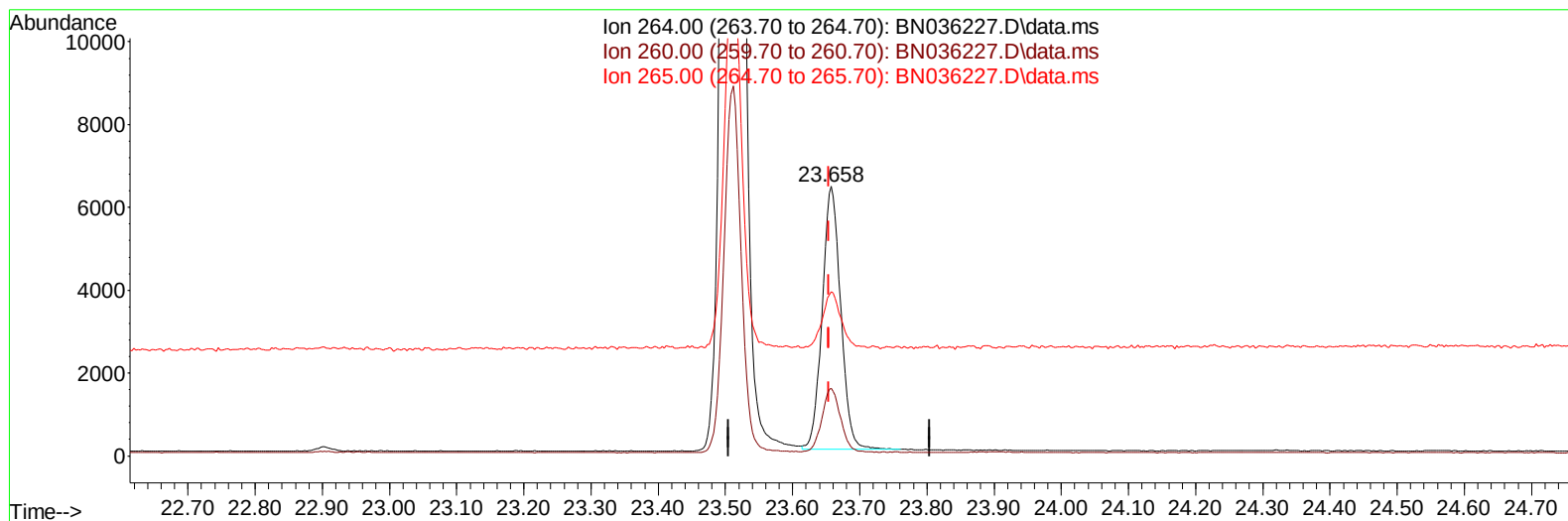
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN020325\  
Data File : BN036227.D  
Acq On : 03 Feb 2025 13:56  
Operator : RC/JU  
Sample : Q1248-01DL 10X  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
A6318DL

## Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 02/04/2025  
Supervised By :mohammad ahmed 02/07/2025

Quant Time: Feb 03 14:24:59 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-SIM-BN012125.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Feb 03 12:27:24 2025  
Response via : Initial Calibration



TIC: BN036227.D\data.ms

## (23) Perylene-d12 (I)

23.658min (+ 0.003) 0.40 ng/u1

response 12195

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 264.00 | 100.00 | 100.00 |
| 260.00 | 26.80  | 25.17  |
| 265.00 | 53.20  | 60.92  |
| 0.00   | 0.00   | 0.00   |

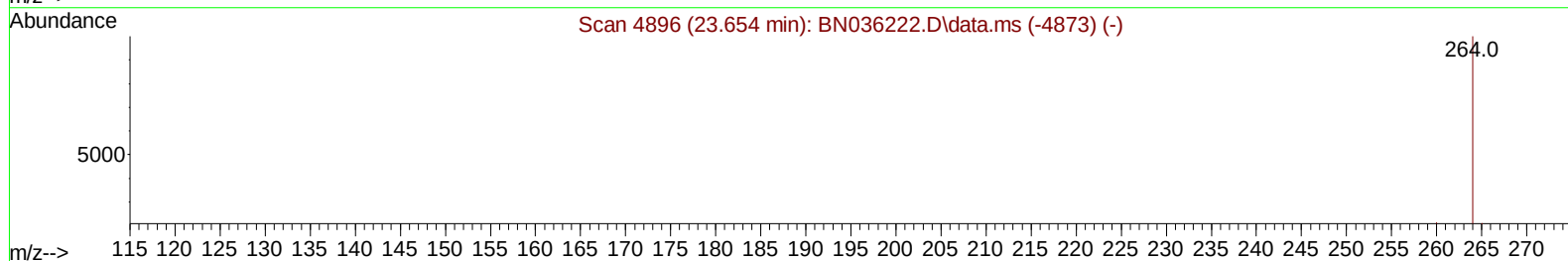
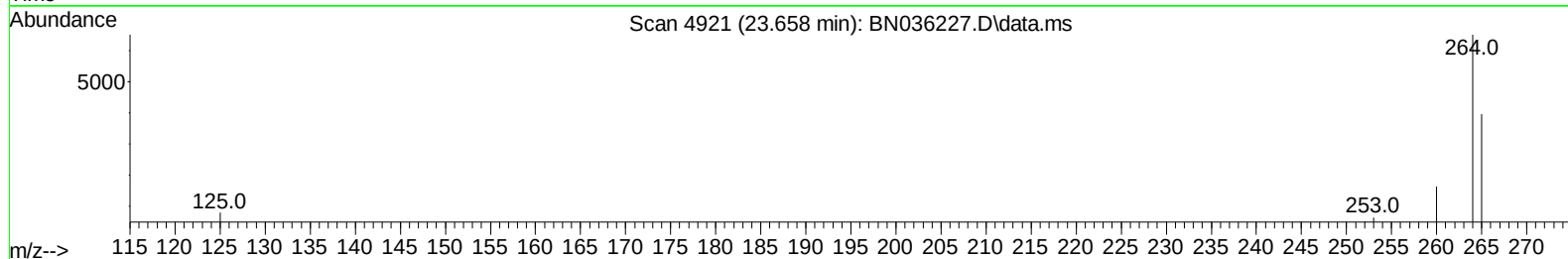
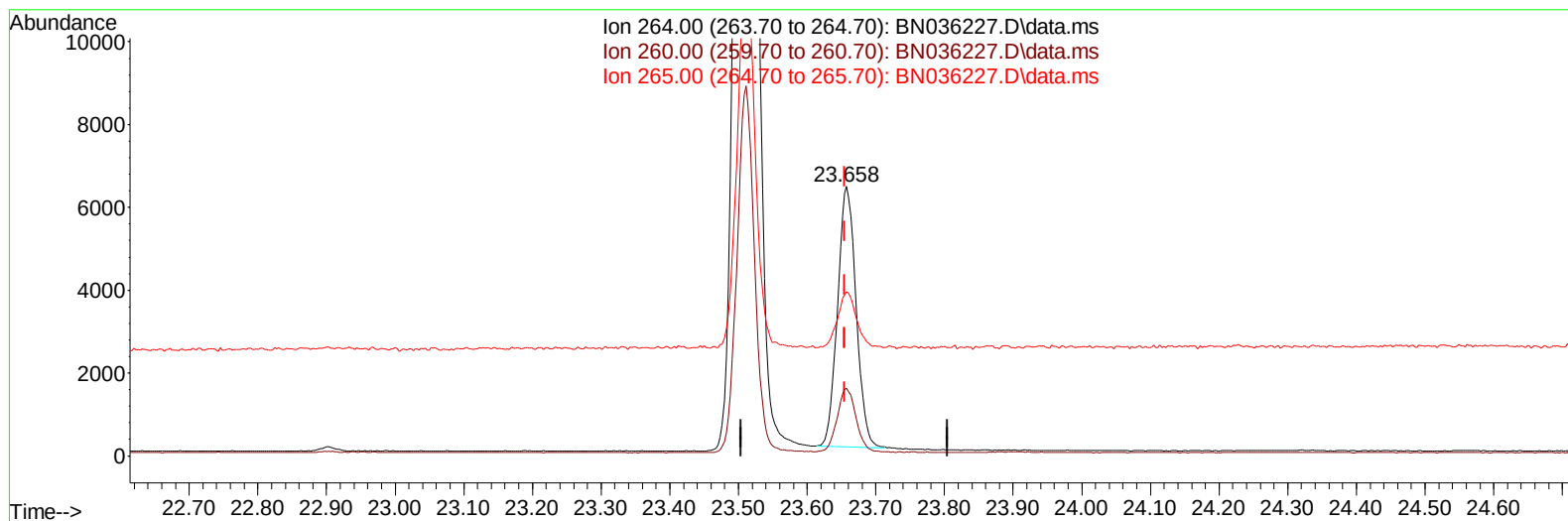
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TIC: BN036227.D\data.ms

(23) Perylene-d12 (I)

23.658min (+ 0.003) 0.40 ng/ul m

response 11817

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 264.00 | 100.00 | 100.00 |
| 260.00 | 26.80  | 25.17  |
| 265.00 | 53.20  | 60.92  |
| 0.00   | 0.00   | 0.00   |

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| Compound                    | R.T.   | Q   | Ion | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|-----|-----|----------|-------|--------|----------|
| -----                       |        |     |     |          |       |        |          |
| Internal Standards          |        |     |     |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.787  | 152 |     | 4156     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.577 | 136 |     | 10391    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.427 | 164 |     | 6323     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.174 | 188 |     | 13430    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.366 | 240 |     | 12392    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.658 | 264 |     | 11817m   | 0.400 | ng/ul  | 0.00     |
| System Monitoring Compounds |        |     |     |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.264  | 96  |     | 1513     | 0.333 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.178 | 152 |     | 344      | 0.026 | ng/ul  | 0.01     |
| 18) Fluoranthene-d10        | 19.206 | 212 |     | 1041     | 0.031 | ng/ul  | 0.00     |
| Target Compounds            |        |     |     |          |       |        |          |
|                             |        |     |     |          |       |        | Qvalue   |
| 5) Naphthalene              | 10.627 | 128 |     | 19019    | 0.664 | ng/ul  | 98       |
| 10) Acenaphthylene          | 14.149 | 152 |     | 20904    | 0.701 | ng/ul  | 97       |
| 11) Acenaphthene            | 14.491 | 153 |     | 27096    | 1.235 | ng/ul  | 98       |
| 12) Fluorene                | 15.481 | 166 |     | 16589    | 0.685 | ng/ul  | 98       |
| 15) Phenanthrene            | 17.217 | 178 |     | 53365    | 1.357 | ng/ul  | 97       |
| 16) Anthracene              | 17.305 | 178 |     | 48544    | 1.328 | ng/ul  | 98       |
| 19) Fluoranthene            | 19.234 | 202 |     | 40037    | 0.850 | ng/ul  | 97       |
| 20) Pyrene                  | 19.596 | 202 |     | 18625    | 0.379 | ng/ul# | 94       |
| 21) Benzo(a)anthracene      | 21.349 | 228 |     | 5102     | 0.115 | ng/ul  | 97       |
| 22) Chrysene                | 21.401 | 228 |     | 14717    | 0.326 | ng/ul  | 100      |
| 24) Benzo(b)fluoranthene    | 22.965 | 252 |     | 13713    | 0.348 | ng/ul  | 87       |
| 25) Benzo(k)fluoranthene    | 23.011 | 252 |     | 11451    | 0.276 | ng/ul# | 86       |
| 26) Benzo(a)pyrene          | 23.555 | 252 |     | 17721    | 0.498 | ng/ul# | 94       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.991 | 276 |     | 19399    | 0.412 | ng/ul# | 90       |
| 28) Dibenzo(a,h)anthracene  | 26.005 | 278 |     | 18428    | 0.508 | ng/ul  | 98       |
| 29) Benzo(g,h,i)perylene    | 26.706 | 276 |     | 13763    | 0.376 | ng/ul  | 98       |
| -----                       |        |     |     |          |       |        |          |

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

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