

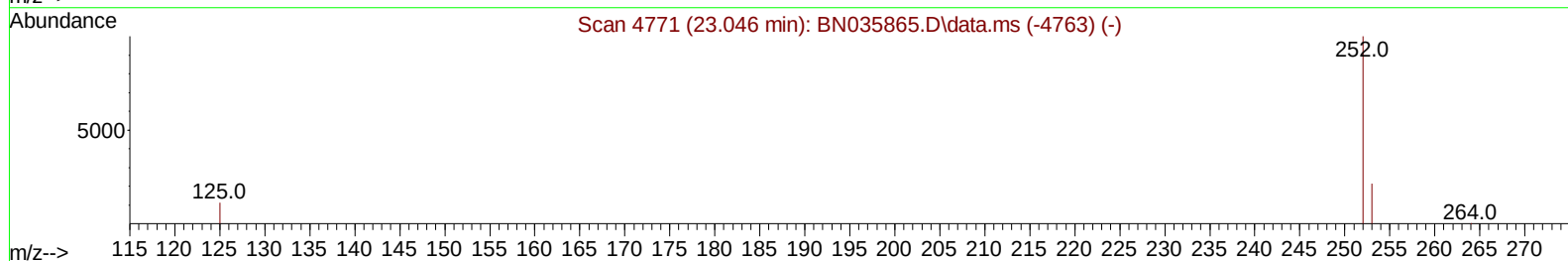
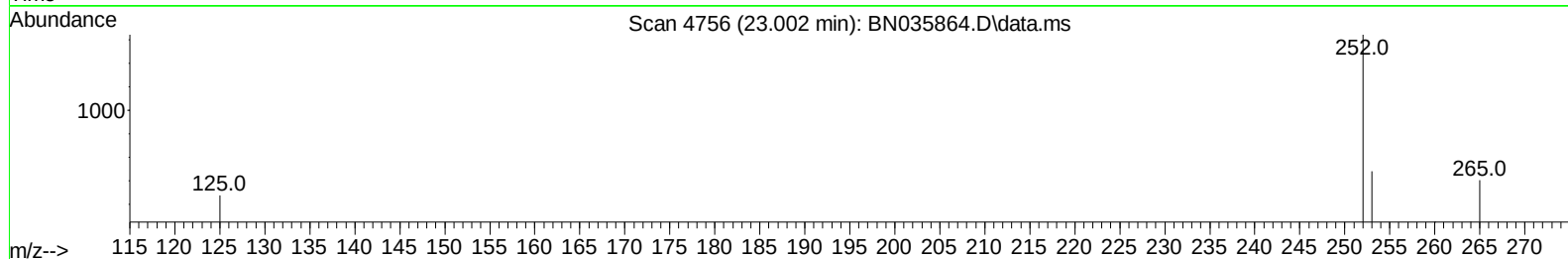
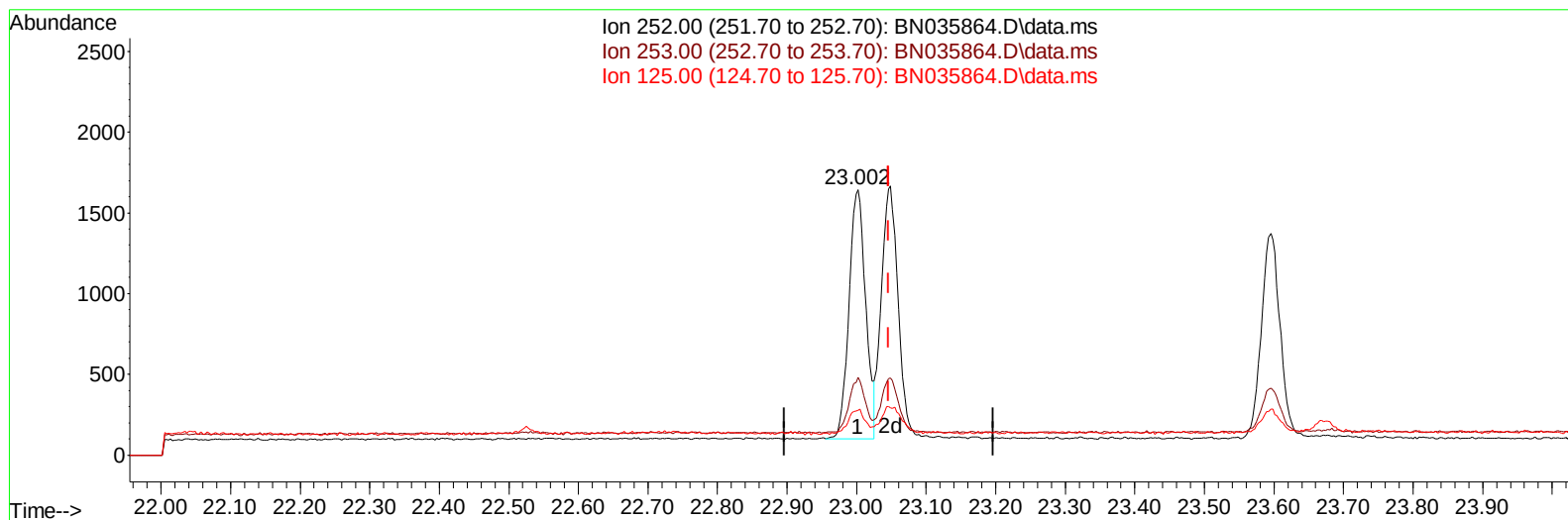
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN123124\  
Data File : BN035864.D  
Acq On : 31 Dec 2024 12:07  
Operator : RC/JU  
Sample : SST0.250  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
SST0.2238

## Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 01/02/2025  
Supervised By :mohammad ahmed 01/06/2025

Quant Time: Dec 31 14:28:10 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-SIM-BN123124.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Dec 31 14:26:27 2024  
Response via : Initial Calibration



TIC: BN035864.D\data.ms

## (25) Benzo(k)fluoranthene

23.002min (-0.044) 0.19 ng/u1

response 2591

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 24.80  | 29.24  |
| 125.00 | 14.20  | 16.72  |
| 0.00   | 0.00   | 0.00   |

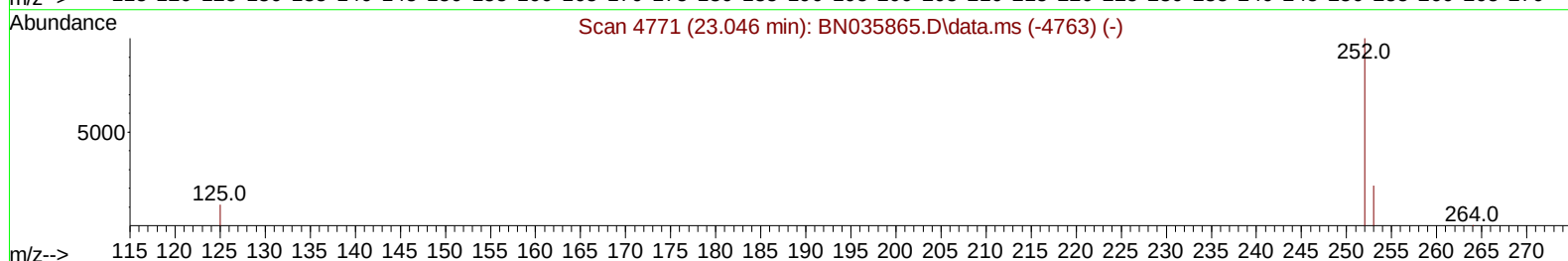
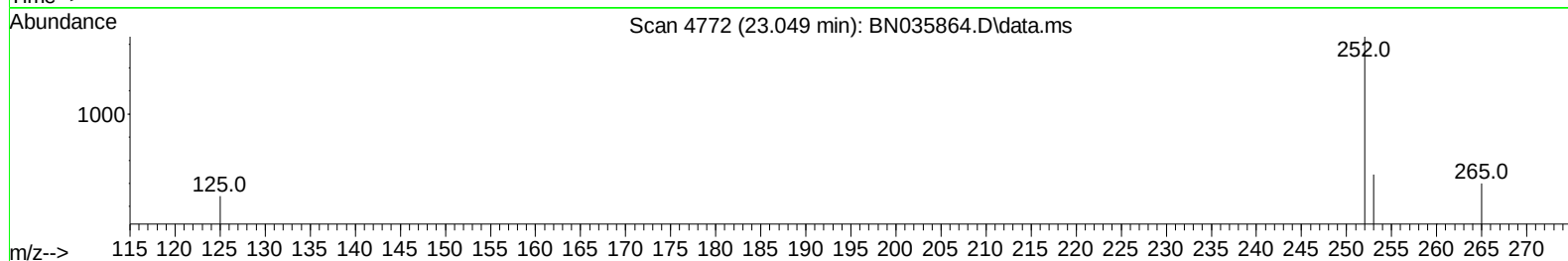
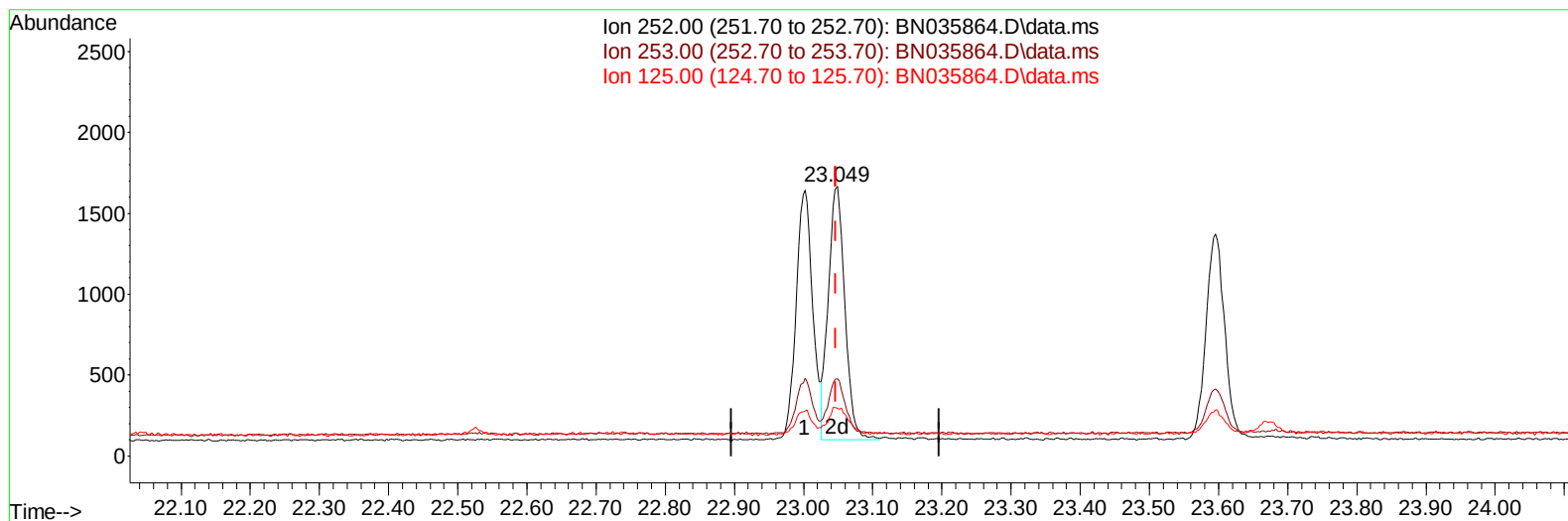
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Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
SST00.2238

Manual IntegrationsAPPROVED

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TIC: BN035864.D\data.ms

(25) Benzo(k)fluoranthene

23.049min (+ 0.002) 0.19 ng/ul m

response 2611

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 24.80  | 28.63  |
| 125.00 | 14.20  | 17.59# |
| 0.00   | 0.00   | 0.00   |

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 Sample : SSTDO.250  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDO.2238

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 QLast Update : Tue Dec 31 14:26:27 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.836  | 152  | 1601     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.631 | 136  | 3623     | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.472 | 164  | 1995     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.212 | 188  | 3995     | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.392 | 240  | 3644     | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.695 | 264  | 4244     | 0.400 | ng/ul  | 0.00     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.288  | 96   | 357      | 0.247 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.226 | 152  | 962      | 0.189 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.238 | 212  | 1945     | 0.185 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.326  | 88   | 381      | 0.262 | ng/ul# | 68       |
| 5) Naphthalene              | 10.680 | 128  | 1952     | 0.220 | ng/ul# | 94       |
| 7) 2-Methylnaphthalene      | 12.297 | 142  | 1244     | 0.207 | ng/ul  | 99       |
| 8) 1-Methylnaphthalene      | 12.517 | 142  | 1263     | 0.203 | ng/ul  | 100      |
| 10) Acenaphthylene          | 14.190 | 152  | 1861     | 0.232 | ng/ul  | 97       |
| 11) Acenaphthene            | 14.537 | 153  | 1315     | 0.221 | ng/ul  | 98       |
| 12) Fluorene                | 15.522 | 166  | 1385     | 0.204 | ng/ul# | 97       |
| 14) Pentachlorophenol       | 16.861 | 266  | 167      | 0.167 | ng/ul  | 95       |
| 15) Phenanthrene            | 17.254 | 178  | 2195     | 0.215 | ng/ul  | 96       |
| 16) Anthracene              | 17.343 | 178  | 2098     | 0.218 | ng/ul  | 95       |
| 19) Fluoranthene            | 19.270 | 202  | 2516     | 0.193 | ng/ul  | 98       |
| 20) Pyrene                  | 19.628 | 202  | 2634     | 0.186 | ng/ul  | 96       |
| 21) Benzo(a)anthracene      | 21.374 | 228  | 2527     | 0.208 | ng/ul  | 98       |
| 22) Chrysene                | 21.427 | 228  | 2488     | 0.200 | ng/ul  | 98       |
| 24) Benzo(b)fluoranthene    | 23.002 | 252  | 2591     | 0.209 | ng/ul  | 91       |
| 25) Benzo(k)fluoranthene    | 23.049 | 252  | 2611m    | 0.188 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.595 | 252  | 2417     | 0.201 | ng/ul# | 89       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.054 | 276  | 3071     | 0.204 | ng/ul# | 89       |
| 28) Dibenzo(a,h)anthracene  | 26.074 | 278  | 2418     | 0.214 | ng/ul# | 92       |
| 29) Benzo(g,h,i)perylene    | 26.769 | 276  | 2445     | 0.203 | ng/ul# | 91       |
| -----                       |        |      |          |       |        |          |

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

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