

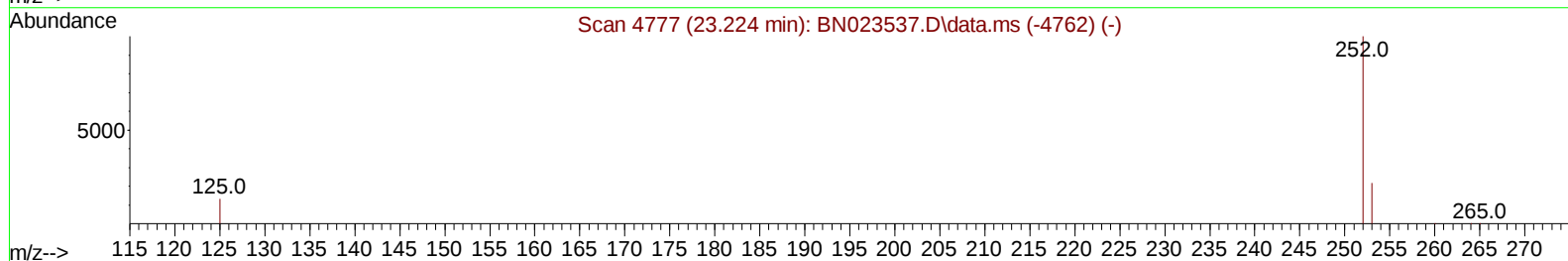
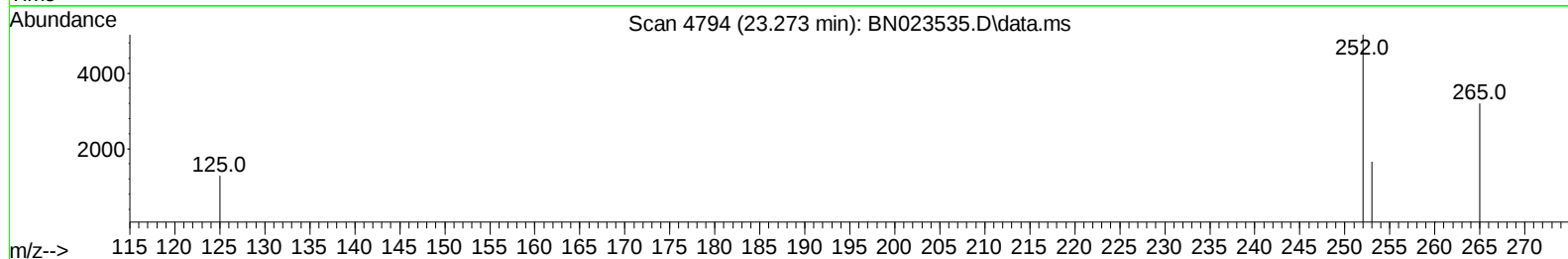
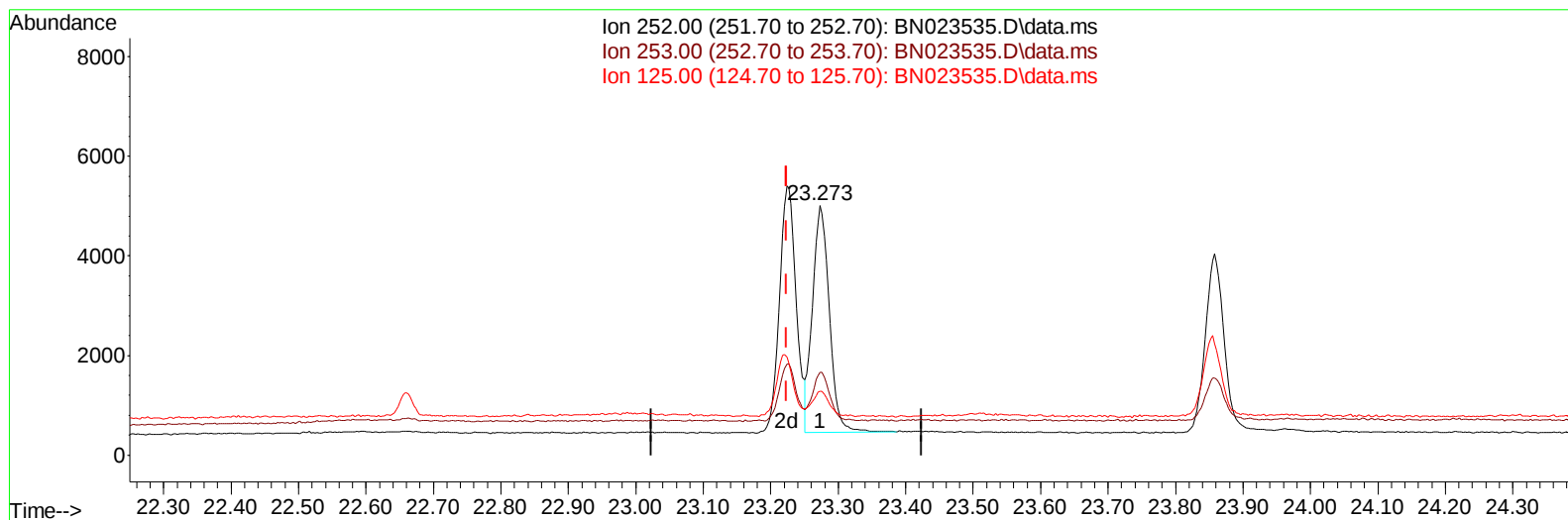
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN010323\  
 Data File : BN023535.D  
 Acq On : 03 Jan 2023 13:42  
 Operator : CG/JU  
 Sample : SST0.164  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SST0.1223

Manual IntegrationsAPPROVED

Quant Time: Jan 04 00:17:28 2023  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN010323.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jan 04 00:14:48 2023  
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 01/04/2023  
 Supervised By :mohammad ahmed 01/05/2023



TIC: BN023535.D\data.ms

(24) Benzo(b)fluoranthene

23.273min (+ 0.050) 0.09 ng/u1

response 7982

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 24.60  | 33.19  |
| 125.00 | 17.10  | 25.61  |
| 0.00   | 0.00   | 0.00   |

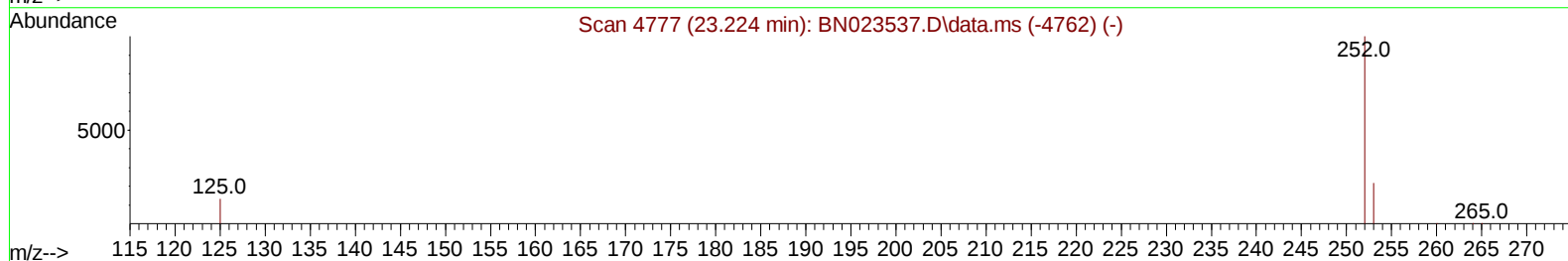
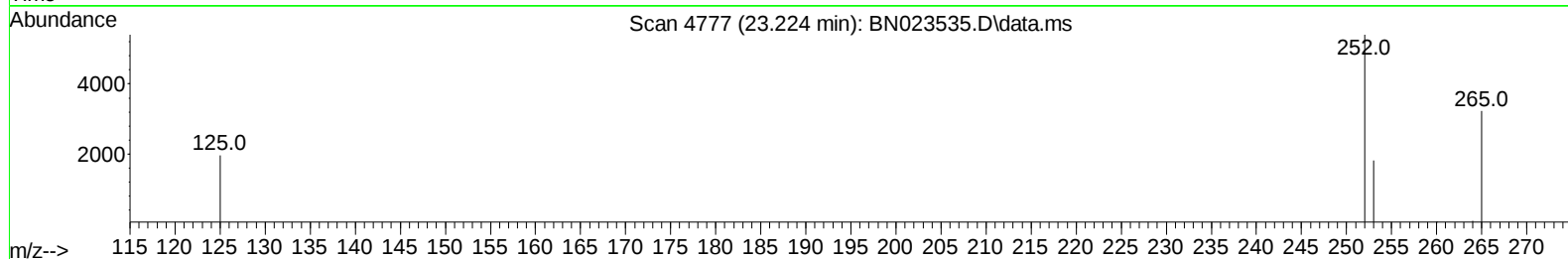
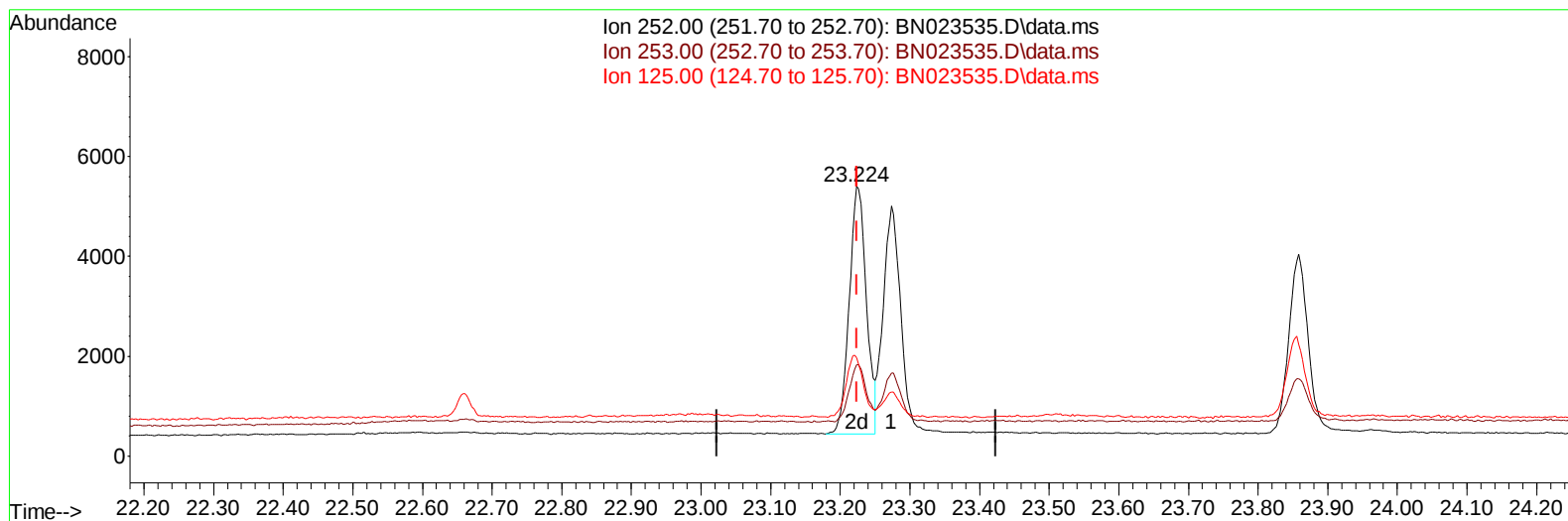
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TIC: BN023535.D\data.ms

(24) Benzo(b)fluoranthene

23.224min (+ 0.000) 0.09 ng/ul m

response 8516

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 24.60  | 33.79  |
| 125.00 | 17.10  | 36.35# |
| 0.00   | 0.00   | 0.00   |

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 Operator : CG/JU  
 Sample : SST00.164  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SST00.1223

## Manual IntegrationsAPPROVED

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| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.952  | 152  | 5272     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.766 | 136  | 15484    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.604 | 164  | 9109     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.352 | 188  | 20392    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.543 | 240  | 19926    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.969 | 264  | 18001    | 0.400 | ng/ul  | 0.00     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 0.000  | 96   | 0d       | 0.000 | ng/ul  |          |
| 6) 2-Methylnaphthalene-d10  | 12.355 | 152  | 2416     | 0.101 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.383 | 212  | 6046     | 0.084 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       |        | Qvalue   |
| 5) Naphthalene              | 10.815 | 128  | 4545     | 0.100 | ng/ul  | 96       |
| 7) 2-Methylnaphthalene      | 12.432 | 142  | 2903     | 0.100 | ng/ul  | 99       |
| 8) 1-Methylnaphthalene      | 12.652 | 142  | 2980     | 0.099 | ng/ul  | 100      |
| 10) Acenaphthylene          | 14.326 | 152  | 3690     | 0.091 | ng/ul  | 95       |
| 11) Acenaphthene            | 14.669 | 153  | 3308     | 0.097 | ng/ul  | 97       |
| 12) Fluorene                | 15.654 | 166  | 3778     | 0.099 | ng/ul  | 97       |
| 15) Phenanthrene            | 17.394 | 178  | 6480     | 0.098 | ng/ul  | 97       |
| 16) Anthracene              | 17.483 | 178  | 5524     | 0.100 | ng/ul  | 95       |
| 19) Fluoranthene            | 19.411 | 202  | 7810     | 0.081 | ng/ul  | 98       |
| 20) Pyrene                  | 19.774 | 202  | 8470     | 0.087 | ng/ul# | 93       |
| 21) Benzo(a)anthracene      | 21.525 | 228  | 7745     | 0.100 | ng/ul  | 99       |
| 22) Chrysene                | 21.581 | 228  | 7752     | 0.098 | ng/ul  | 99       |
| 24) Benzo(b)fluoranthene    | 23.224 | 252  | 8516m    | 0.091 | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 23.273 | 252  | 7806     | 0.089 | ng/ul# | 81       |
| 26) Benzo(a)pyrene          | 23.858 | 252  | 7101     | 0.096 | ng/ul# | 57       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.493 | 276  | 8648     | 0.101 | ng/ul# | 93       |
| 28) Dibenzo(a,h)anthracene  | 26.510 | 278  | 6798     | 0.102 | ng/ul# | 87       |
| 29) Benzo(g,h,i)perylene    | 27.268 | 276  | 7013     | 0.100 | ng/ul  | 93       |
| -----                       |        |      |          |       |        |          |

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

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