

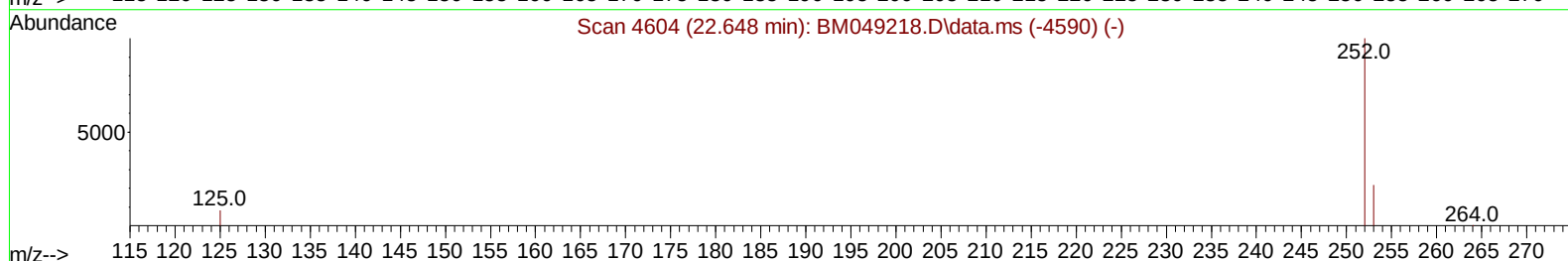
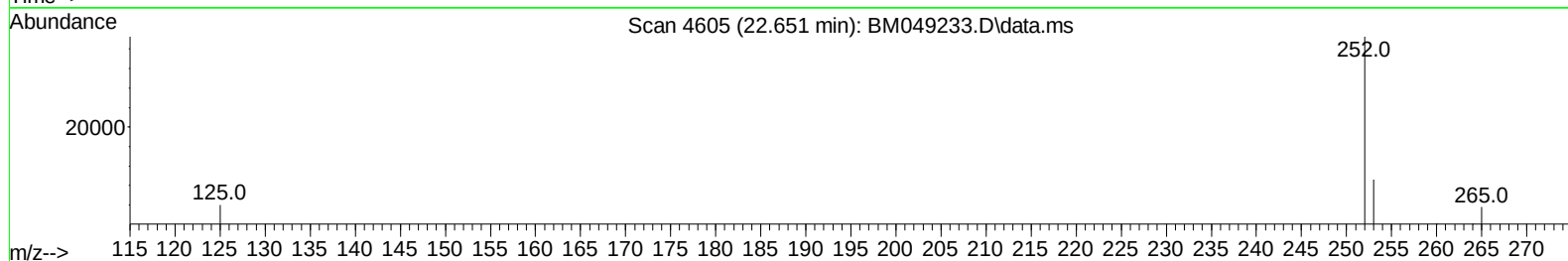
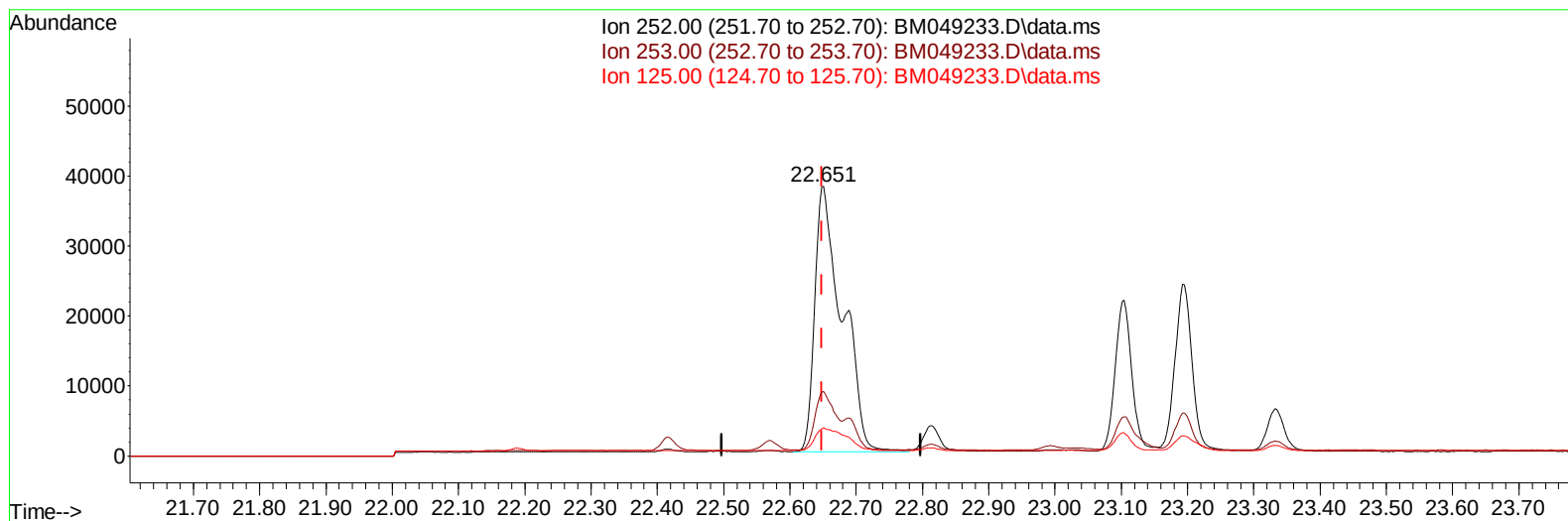
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM122624\  
Data File : BM049233.D  
Acq On : 26 Dec 2024 19:21  
Operator : RC/JU  
Sample : P5333-04DL 5X  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
E2907DL

Manual IntegrationsAPPROVED

Quant Time: Dec 26 21:59:29 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM121824.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Dec 26 11:35:38 2024  
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 12/27/2024  
Supervised By :mohammad ahmed 12/30/2024



TIC: BM049233.D\data.ms

(24) Benzo(b)fluoranthene

22.651min (+ 0.003) 1.65 ng/u1

response 109361

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 26.30  | 23.95  |
| 125.00 | 15.40  | 10.42  |
| 0.00   | 0.00   | 0.00   |

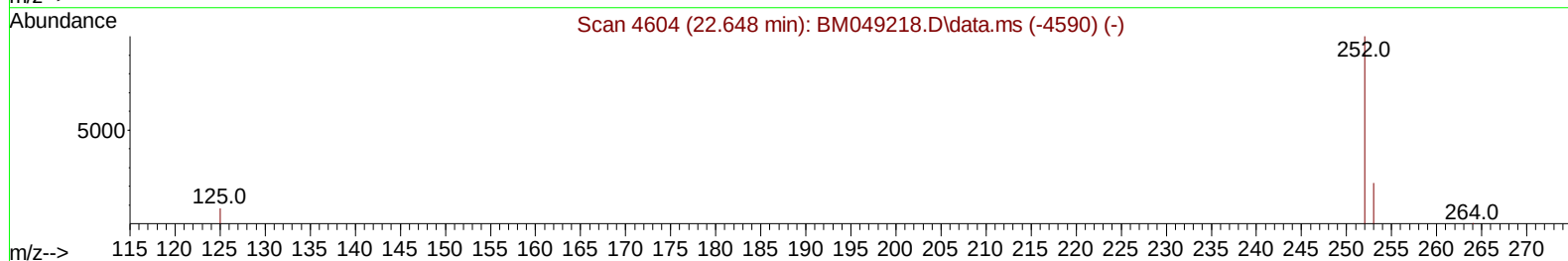
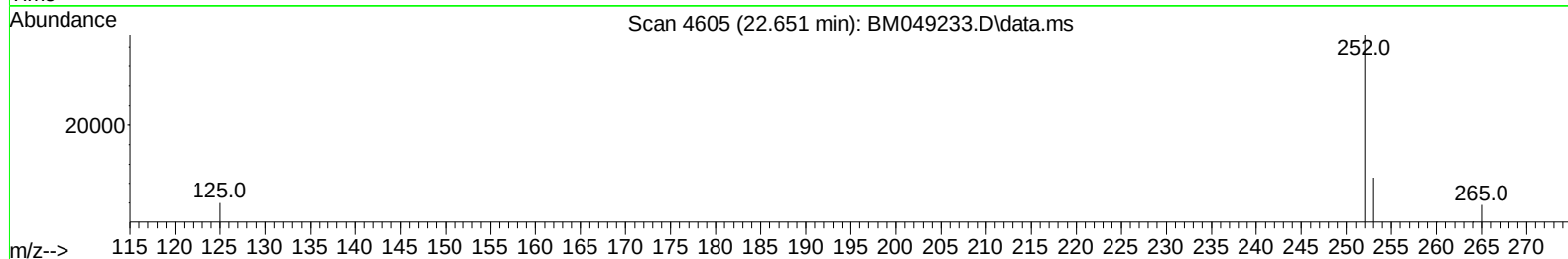
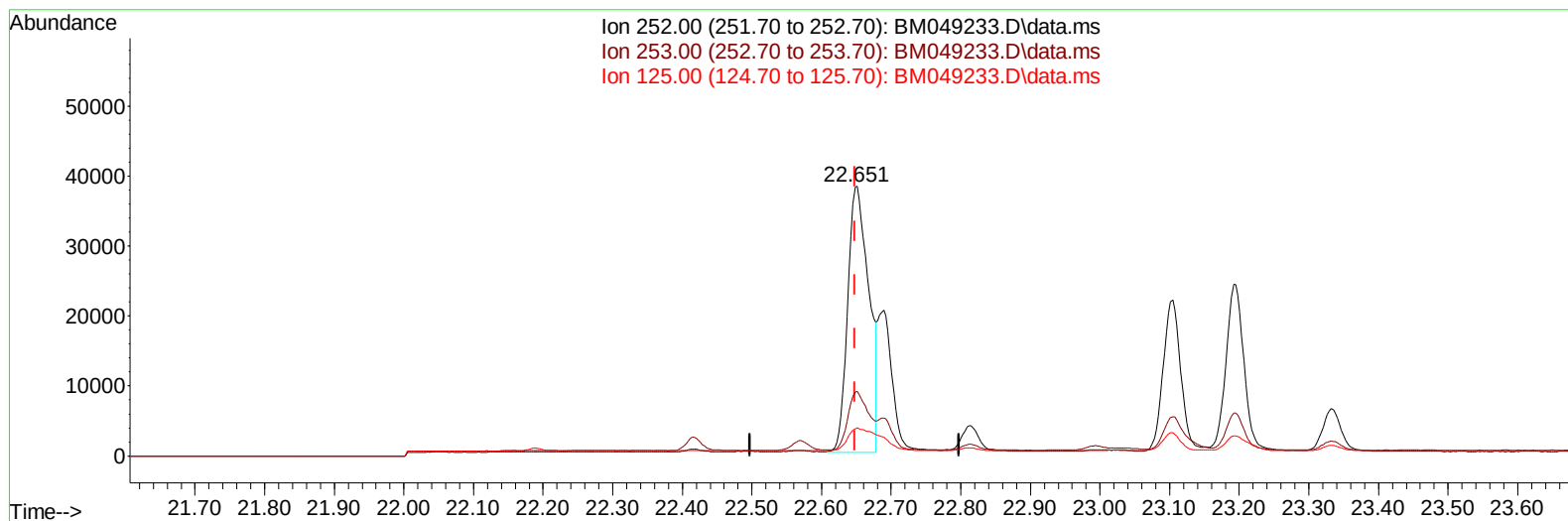
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TIC: BM049233.D\data.ms

## (24) Benzo(b)fluoranthene

22.651min (+ 0.003) 1.21 ng/ul m

response 79753

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 26.30  | 23.95  |
| 125.00 | 15.40  | 10.42  |
| 0.00   | 0.00   | 0.00   |

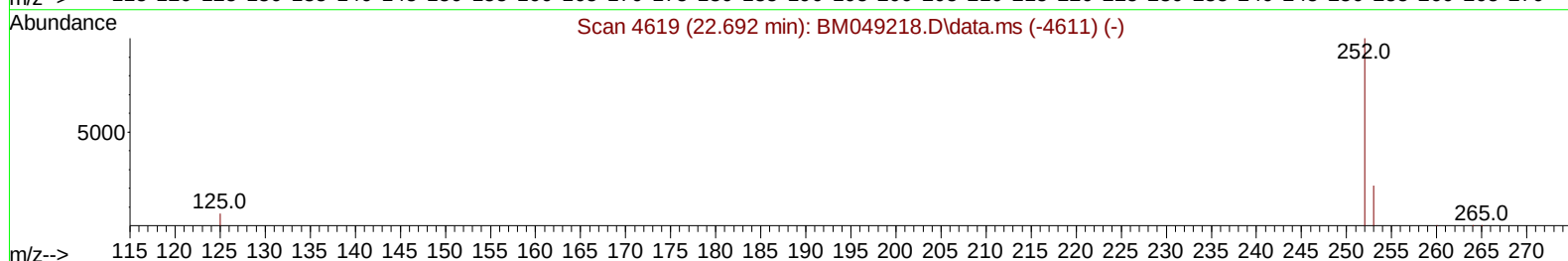
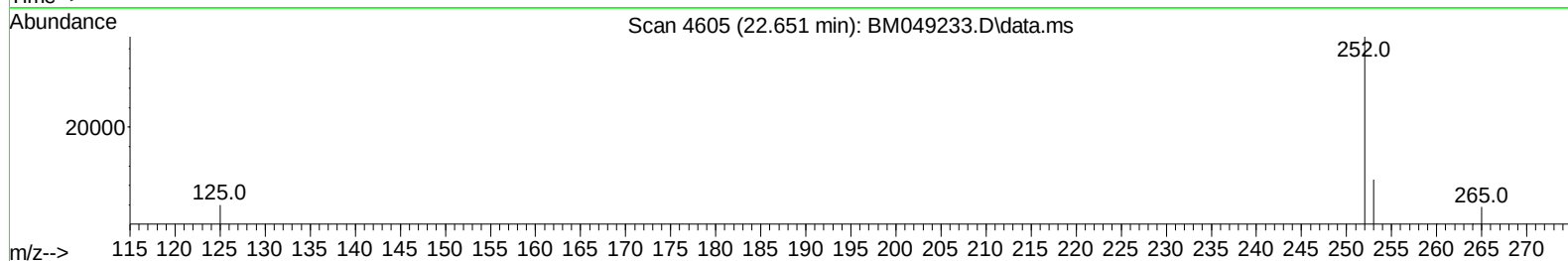
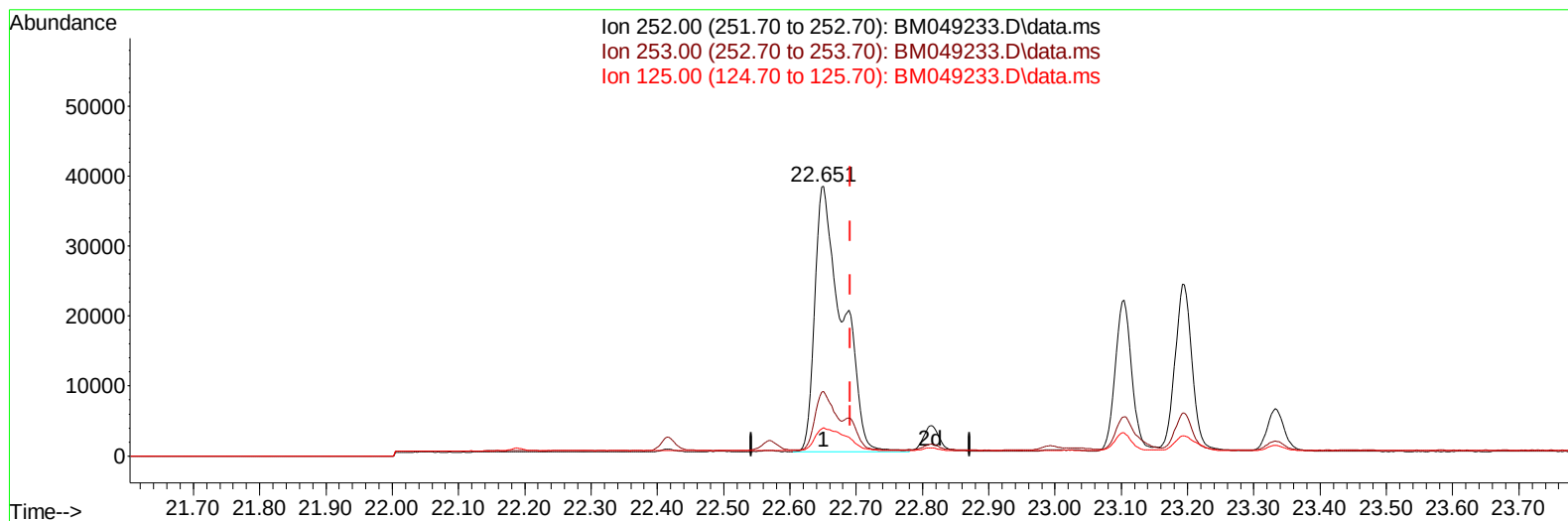
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Data File : BM049233.D  
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Operator : RC/JU  
Sample : P5333-04DL 5X  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
E2907DL

Manual IntegrationsAPPROVED

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TIC: BM049233.D\data.ms

(25) Benzo(k)fluoranthene

22.651min (-0.041) 1.51 ng/u $\text{l}$

response 109361

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 26.60  | 23.95  |
| 125.00 | 15.70  | 10.42# |
| 0.00   | 0.00   | 0.00   |

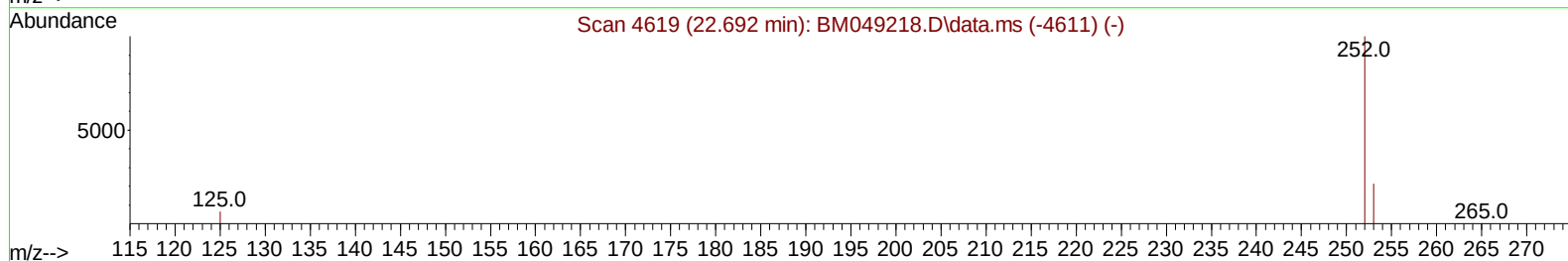
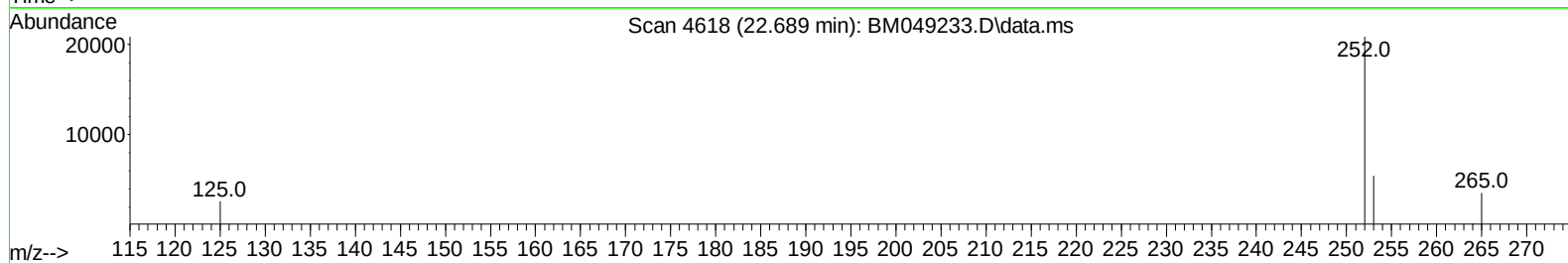
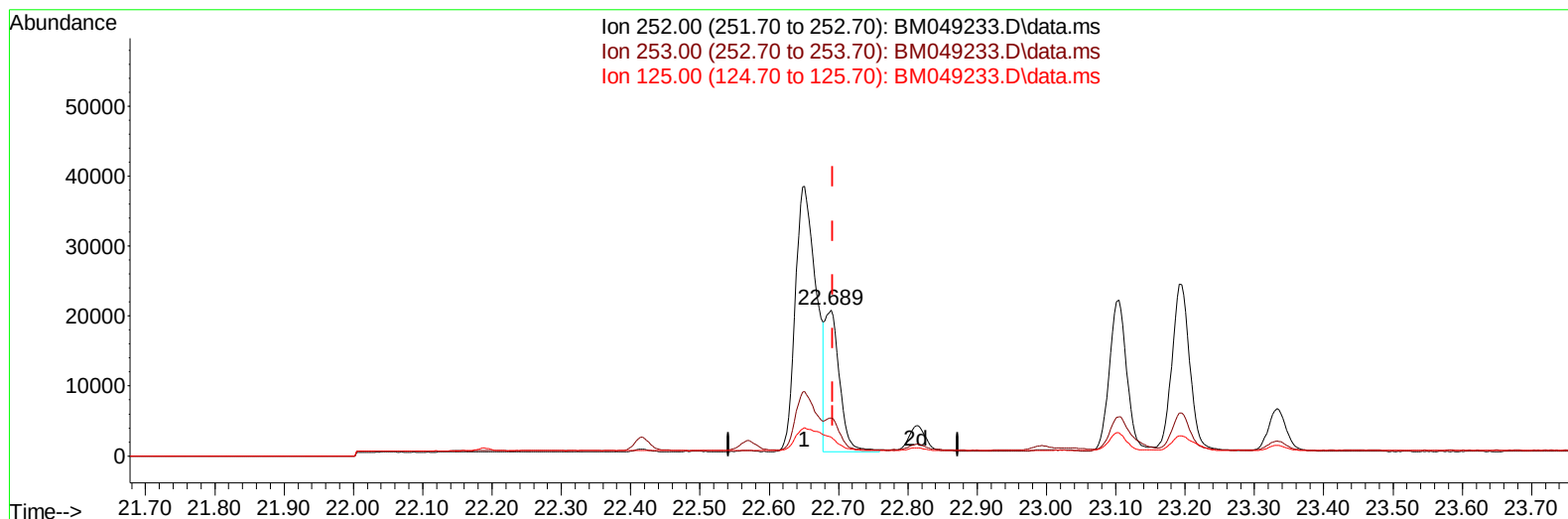
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Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
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Manual IntegrationsAPPROVED

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TIC: BM049233.D\data.ms

(25) Benzo(k)fluoranthene

22.689min (-0.003) 0.41 ng/u1 m

response 29828

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 26.60  | 26.00  |
| 125.00 | 15.70  | 12.69  |
| 0.00   | 0.00   | 0.00   |

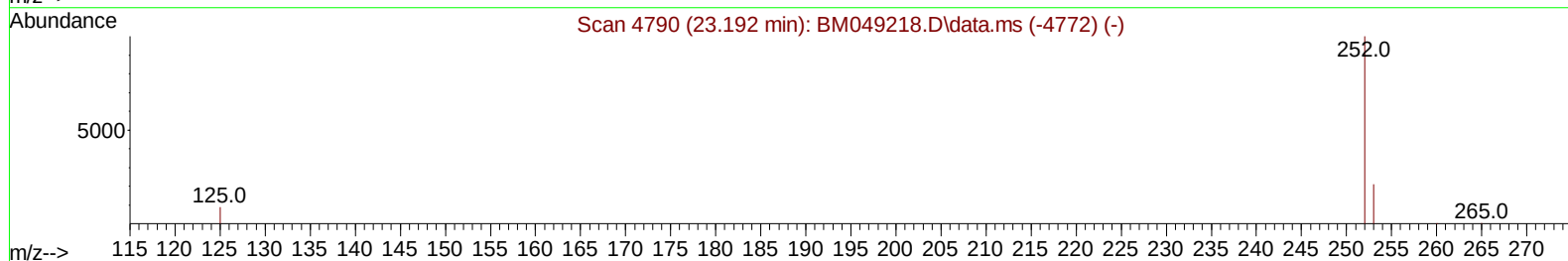
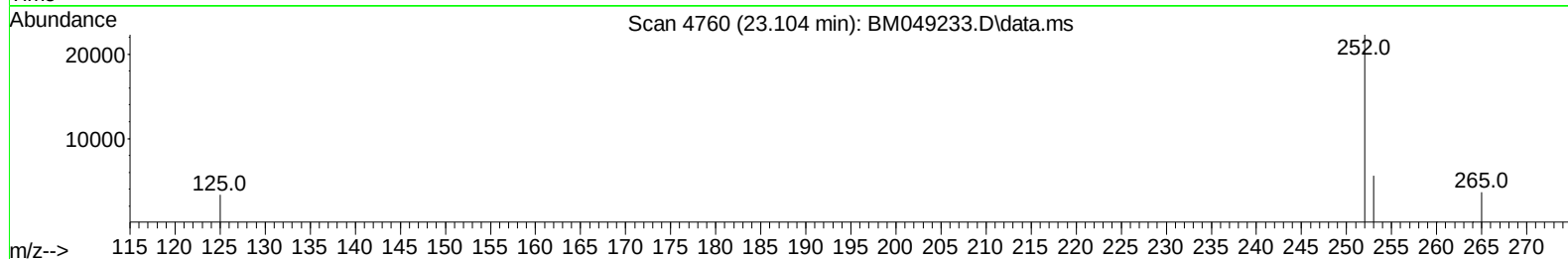
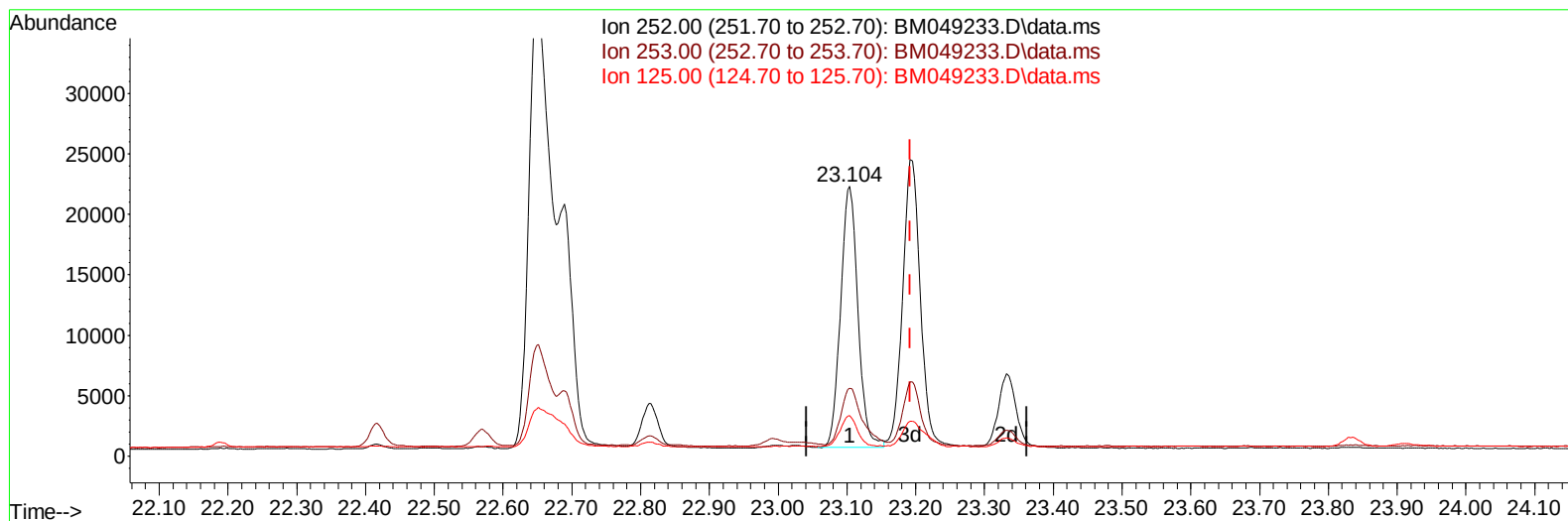
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM122624\  
Data File : BM049233.D  
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Operator : RC/JU  
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Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
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ClientSampleId :  
E2907DL

Manual IntegrationsAPPROVED

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TIC: BM049233.D\data.ms

(26) Benzo(a)pyrene (C)

23.104min (-0.088) 0.60 ng/u1

response 37988

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 28.00  | 25.18  |
| 125.00 | 18.50  | 14.90  |
| 0.00   | 0.00   | 0.00   |

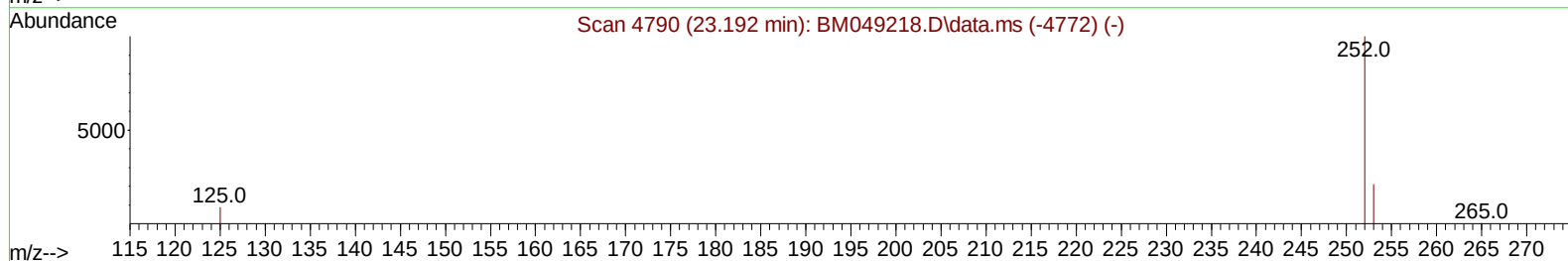
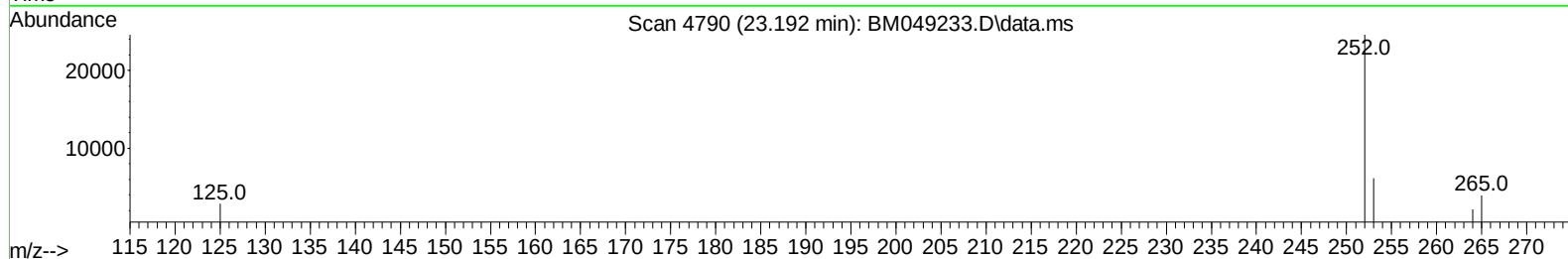
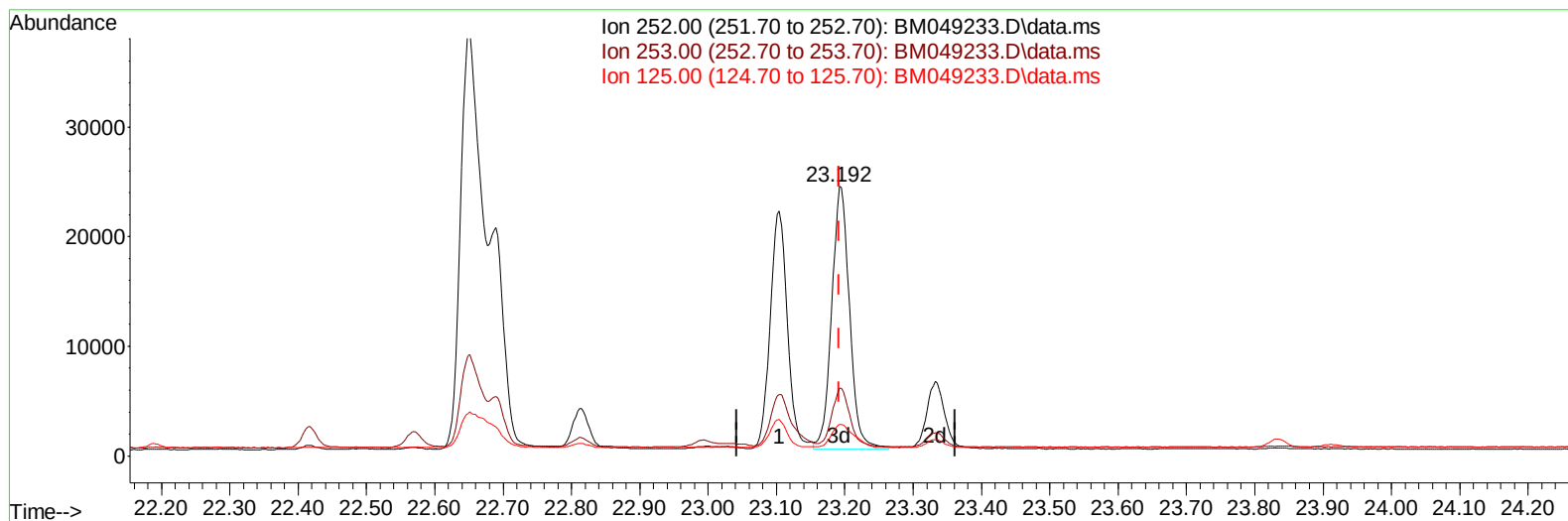
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM122624\  
Data File : BM049233.D  
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Sample : P5333-04DL 5X  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
E2907DL

Manual IntegrationsAPPROVED

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TIC: BM049233.D\data.ms

(26) Benzo(a)pyrene (C)

23.192min (+ 0.000) 0.69 ng/ul m

response 43458

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 28.00  | 25.04  |
| 125.00 | 18.50  | 11.65# |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM122624\  
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 Operator : RC/JU  
 Sample : P5333-04DL 5X  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_M  
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## Manual IntegrationsAPPROVED

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 QLast Update : Thu Dec 26 11:35:38 2024  
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| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.544  | 152  | 6040     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.308 | 136  | 18091    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.182 | 164  | 10440    | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 16.929 | 188  | 22747    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.135 | 240  | 19044    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.288 | 264  | 20684    | 0.400 | ng/ul  | # 0.00   |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.139  | 96   | 6616     | 0.950 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 11.909 | 152  | 1375     | 0.057 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 18.968 | 212  | 2539     | 0.047 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 5) Naphthalene              | 10.352 | 128  | 4511     | 0.100 | ng/ul# | 95       |
| 7) 2-Methylnaphthalene      | 11.986 | 142  | 2304     | 0.080 | ng/ul  | 96       |
| 8) 1-Methylnaphthalene      | 12.206 | 142  | 1678     | 0.057 | ng/ul  | 97       |
| 10) Acenaphthylene          | 13.899 | 152  | 919      | 0.021 | ng/ul# | 69       |
| 11) Acenaphthene            | 14.246 | 153  | 5838     | 0.185 | ng/ul  | 99       |
| 12) Fluorene                | 15.236 | 166  | 5077     | 0.142 | ng/ul  | 99       |
| 15) Phenanthrene            | 16.971 | 178  | 147054   | 2.475 | ng/ul  | 98       |
| 16) Anthracene              | 17.064 | 178  | 10185    | 0.187 | ng/ul  | 97       |
| 19) Fluoranthene            | 18.996 | 202  | 184573   | 2.681 | ng/ul  | 99       |
| 20) Pyrene                  | 19.359 | 202  | 140945   | 1.919 | ng/ul  | 99       |
| 21) Benzo(a)anthracene      | 21.120 | 228  | 51846    | 0.783 | ng/ul  | 98       |
| 22) Chrysene                | 21.170 | 228  | 66446    | 0.935 | ng/ul  | 98       |
| 24) Benzo(b)fluoranthene    | 22.651 | 252  | 79753m   | 1.207 | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 22.689 | 252  | 29828m   | 0.411 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.192 | 252  | 43458m   | 0.686 | ng/ul  |          |
| 27) Indeno(1,2,3-cd)pyrene  | 25.417 | 276  | 37580    | 0.419 | ng/ul# | 92       |
| 28) Dibenzo(a,h)anthracene  | 25.427 | 278  | 8952     | 0.128 | ng/ul# | 91       |
| 29) Benzo(g,h,i)perylene    | 26.068 | 276  | 36408    | 0.505 | ng/ul  | 97       |
| -----                       |        |      |          |       |        |          |

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

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