

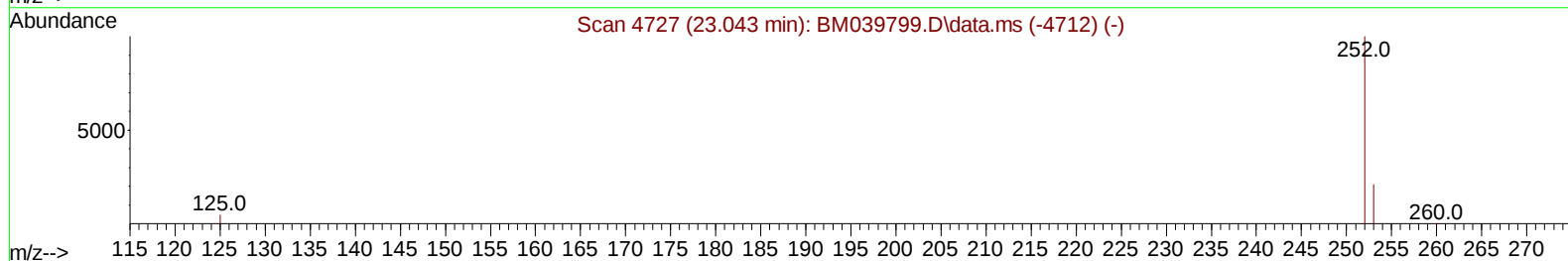
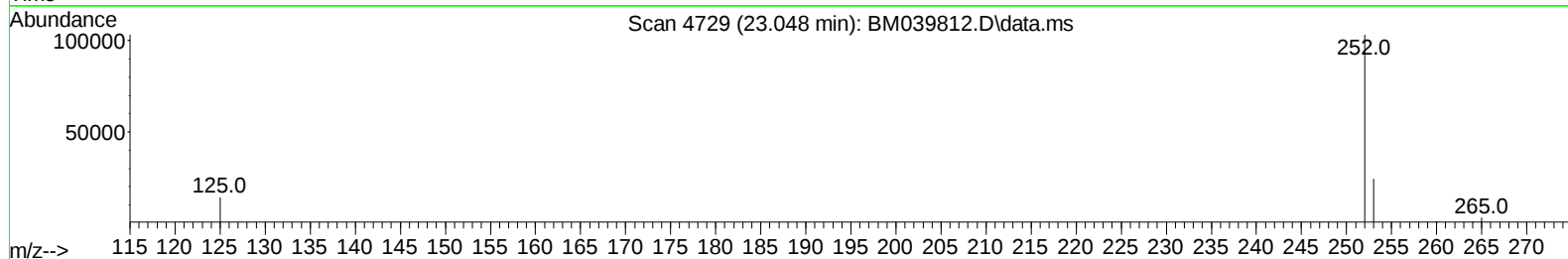
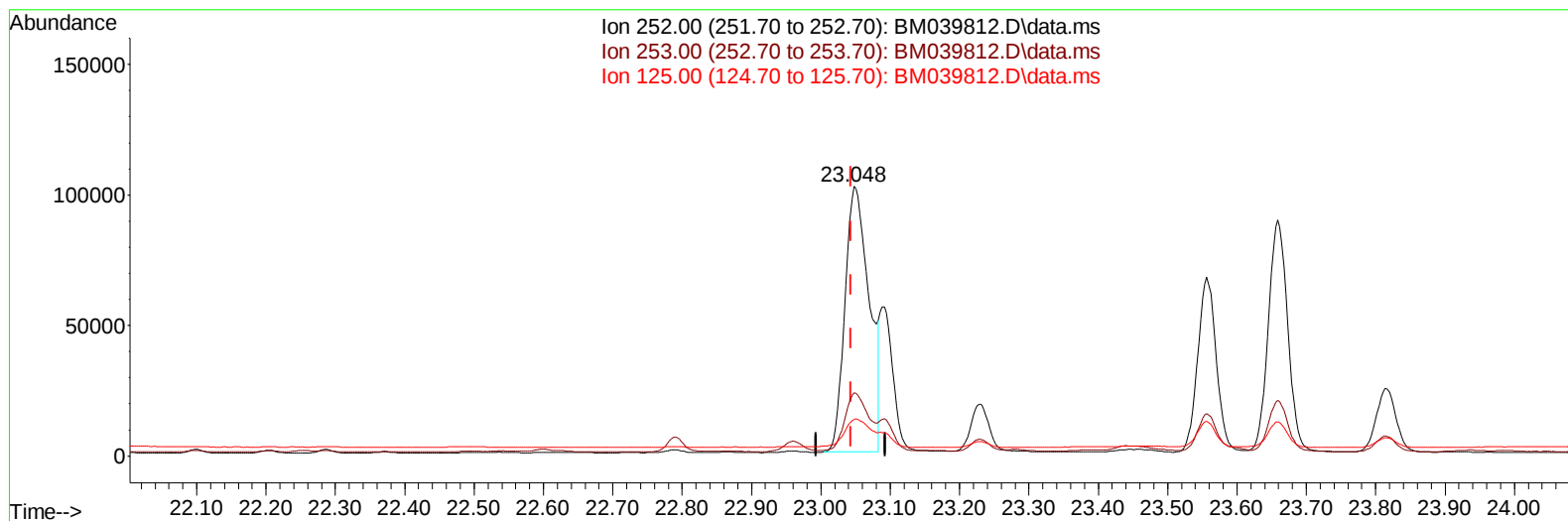
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM050223\  
 Data File : BM039812.D  
 Acq On : 02 May 2023 21:07  
 Operator : CG/JU  
 Sample : 02419-25DL 5X  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 EW922DL

Manual IntegrationsAPPROVED

Quant Time: May 03 04:17:44 2023  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM042723.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue May 02 18:41:11 2023  
 Response via : Initial Calibration

Reviewed By :Christian Giraldo 05/03/2023  
 Supervised By :Jagrut Upadhyay 05/04/2023



TIC: BM039812.D\data.ms

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

23.048min (+ 0.004) 7.81 ng/u1

response 247464

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 26.40  | 23.41  |
| 125.00 | 15.80  | 13.65  |
| 0.00   | 0.00   | 0.00   |

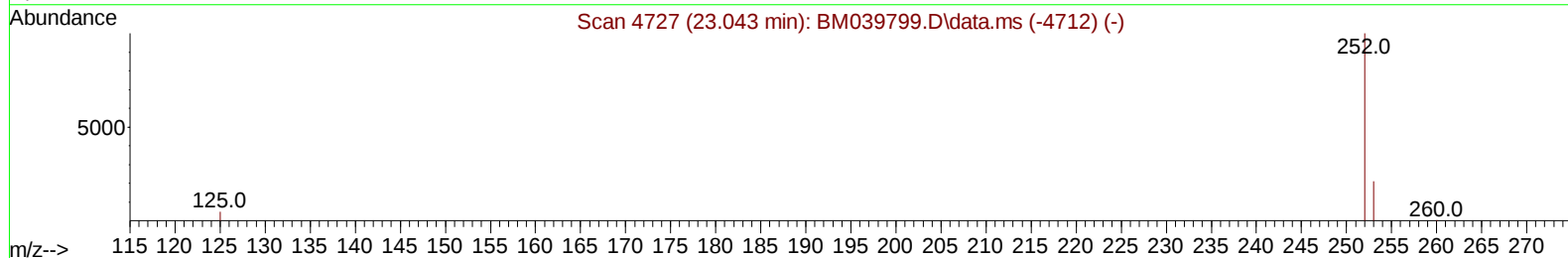
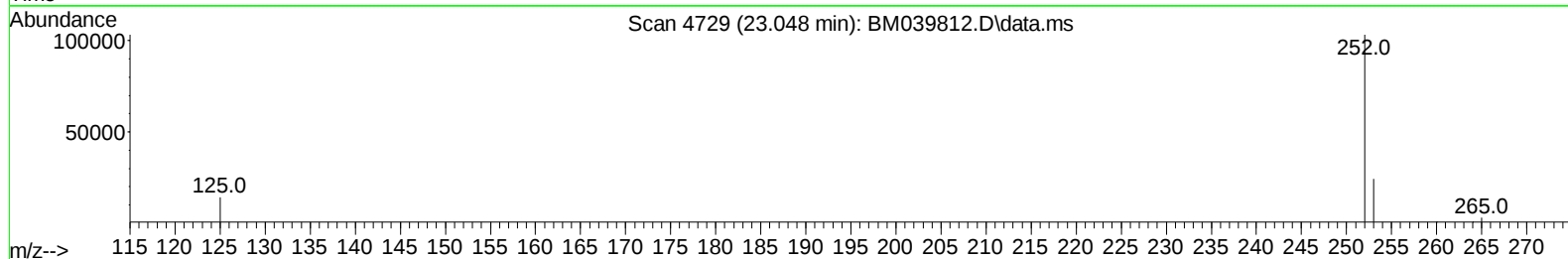
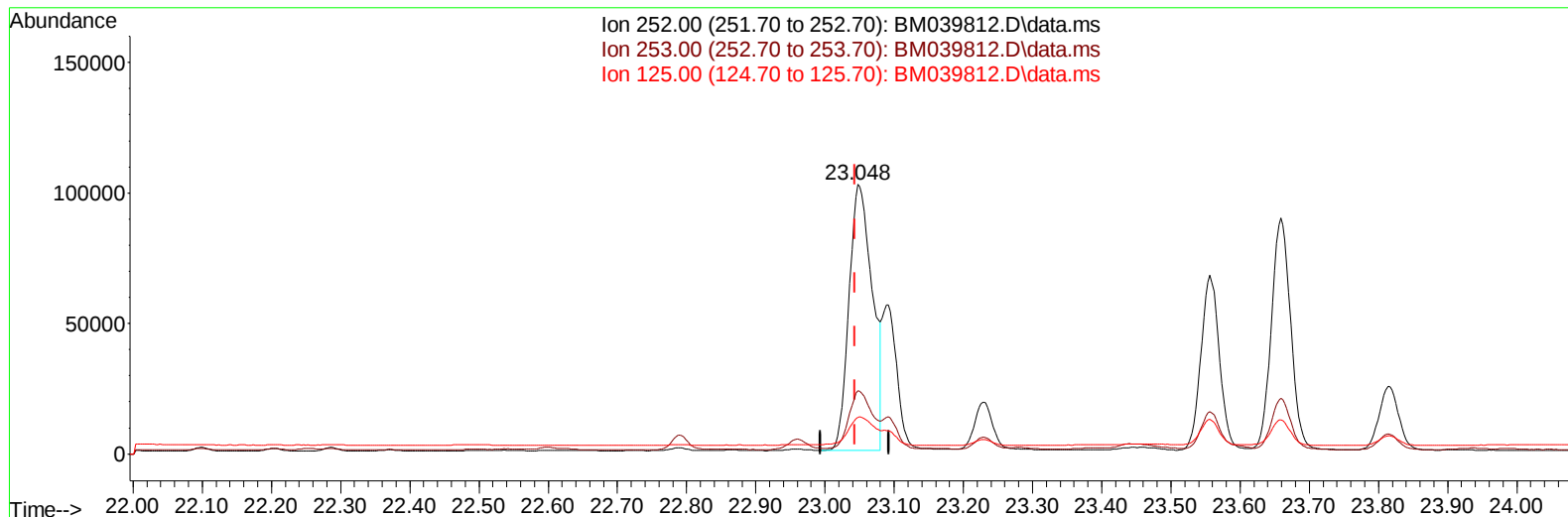
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM050223\  
 Data File : BM039812.D  
 Acq On : 02 May 2023 21:07  
 Operator : CG/JU  
 Sample : 02419-25DL 5X  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 EW922DL

Manual IntegrationsAPPROVED

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TIC: BM039812.D\data.ms

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

23.048min (+ 0.004) 7.56 ng/u1 m

response 239367

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 26.40  | 23.41  |
| 125.00 | 15.80  | 13.65  |
| 0.00   | 0.00   | 0.00   |

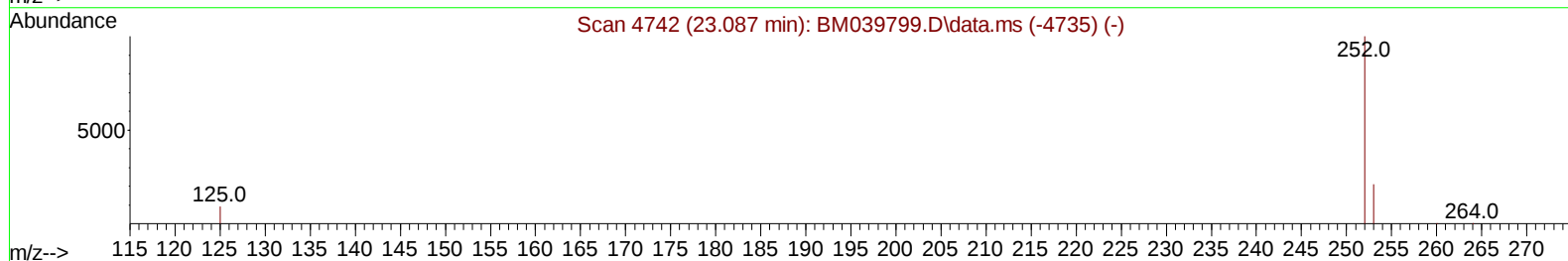
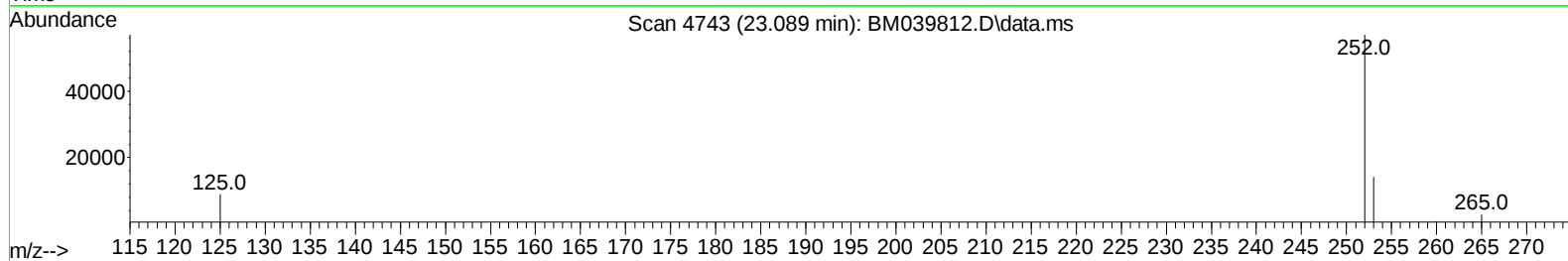
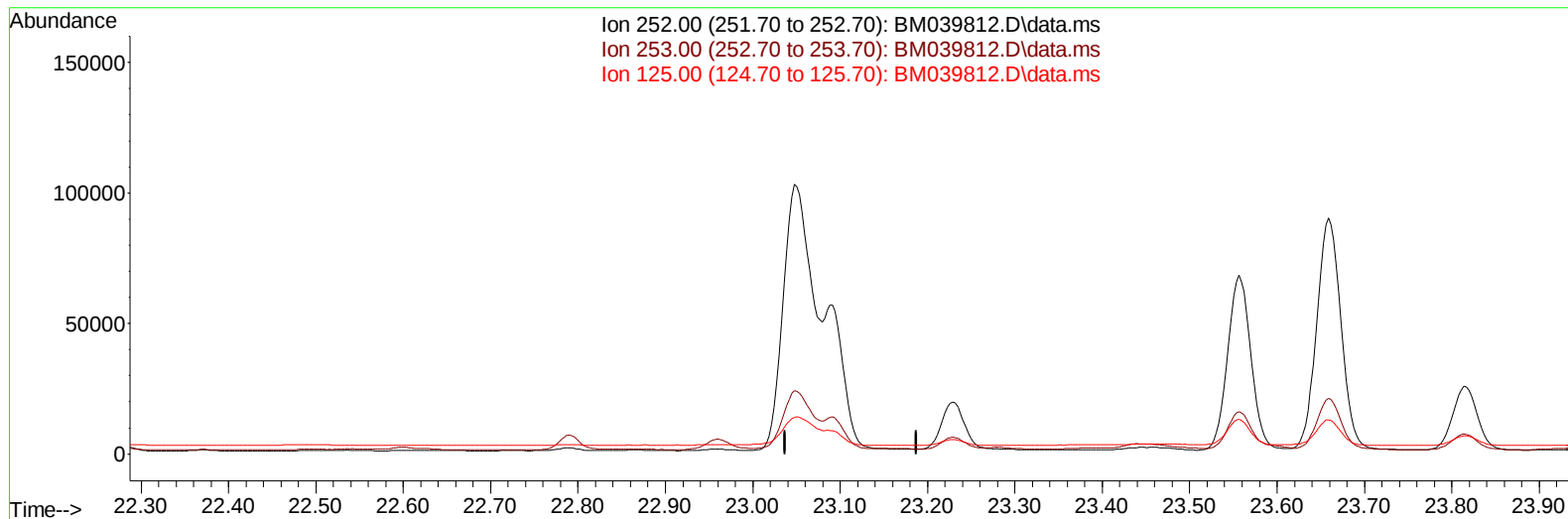
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Operator : CG/JU  
Sample : 02419-25DL 5X  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
EW922DL

Manual IntegrationsAPPROVED

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TIC: BM039812.D\data.ms

(25) Benzo(k)fluoranthene

23.087min (-23.087) 0.00 ng/u1

response 0

| Ion    | Exp%   | Act%  |
|--------|--------|-------|
| 252.00 | 100.00 | 0.00  |
| 253.00 | 26.60  | 0.00# |
| 125.00 | 16.30  | 0.00# |
| 0.00   | 0.00   | 0.00  |

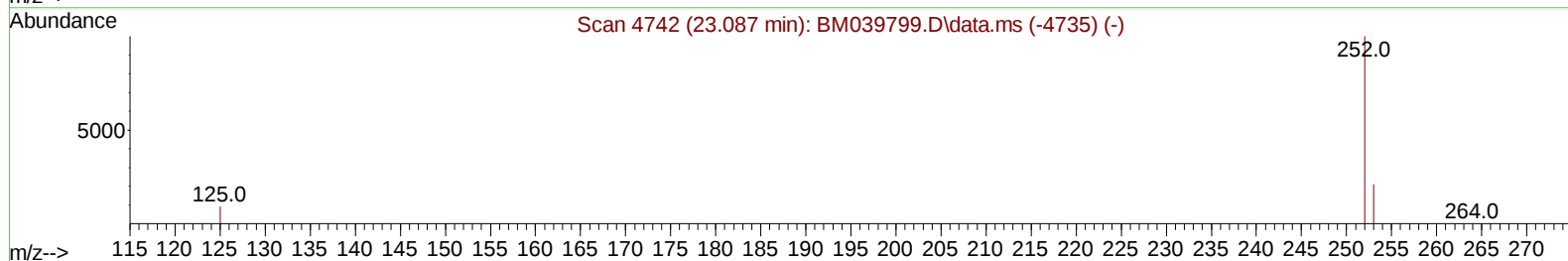
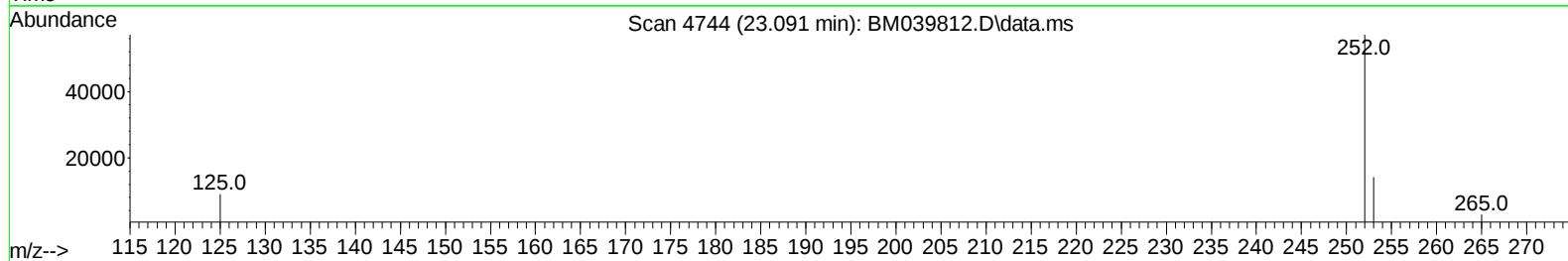
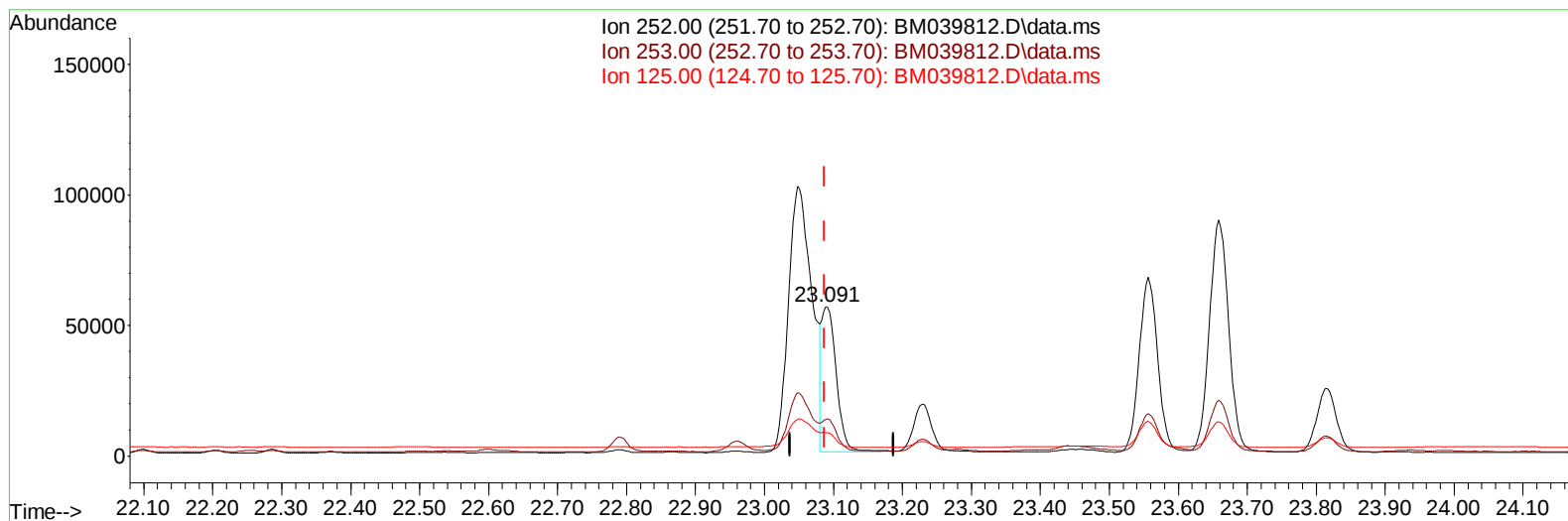
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 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
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Manual IntegrationsAPPROVED

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TIC: BM039812.D\data.ms

(25) Benzo(k)fluoranthene

23.091min (+ 0.004) 2.56 ng/u1 m

response 82524

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 26.60  | 24.83  |
| 125.00 | 16.30  | 15.80  |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM050223\  
 Data File : BM039812.D  
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 Operator : CG/JU  
 Sample : 02419-25DL 5X  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 EW922DL

## Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 05/03/2023  
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| Compound                    | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|--------|--------|----------|
| -----                       |        |      |          |        |        |          |
| Internal Standards          |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.791  | 152  | 3124     | 0.400  | ng/ul  | -0.01    |
| 4) Naphthalene-d8           | 10.595 | 136  | 10156    | 0.400  | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.451 | 164  | 5308     | 0.400  | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.204 | 188  | 10771    | 0.400  | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.405 | 240  | 7677     | 0.400  | ng/ul  | # 0.00   |
| 23) Perylene-d12            | 23.764 | 264  | 9021     | 0.400  | ng/ul  | # 0.00   |
| System Monitoring Compounds |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8           | 3.189  | 96   | 2556     | 0.555  | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.201 | 152  | 527      | 0.040  | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.243 | 212  | 1217     | 0.059  | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |        |        |          |
|                             |        |      |          |        | Qvalue |          |
| 5) Naphthalene              | 10.650 | 128  | 4252     | 0.167  | ng/ul# | 94       |
| 7) 2-Methylnaphthalene      | 12.272 | 142  | 1929     | 0.131  | ng/ul  | 95       |
| 8) 1-Methylnaphthalene      | 12.487 | 142  | 1863     | 0.118  | ng/ul  | 100      |
| 10) Acenaphthylene          | 14.173 | 152  | 11741    | 0.571  | ng/ul  | 98       |
| 11) Acenaphthene            | 14.511 | 153  | 13295    | 0.824  | ng/ul  | 99       |
| 12) Fluorene                | 15.505 | 166  | 15159    | 0.847  | ng/ul  | 98       |
| 15) Phenanthrene            | 17.246 | 178  | 244293   | 8.609  | ng/ul  | 98       |
| 16) Anthracene              | 17.339 | 178  | 63007    | 2.586  | ng/ul  | 98       |
| 19) Fluoranthene            | 19.271 | 202  | 463103   | 16.909 | ng/ul  | 98       |
| 20) Pyrene                  | 19.638 | 202  | 398827   | 13.484 | ng/ul  | 97       |
| 21) Benzo(a)anthracene      | 21.391 | 228  | 198928   | 9.012  | ng/ul  | 99       |
| 22) Chrysene                | 21.443 | 228  | 185775   | 7.437  | ng/ul  | 98       |
| 24) Benzo(b)fluoranthene    | 23.048 | 252  | 239367m  | 7.556  | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 23.091 | 252  | 82524m   | 2.558  | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.659 | 252  | 172604   | 6.068  | ng/ul# | 87       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.208 | 276  | 118343   | 3.290  | ng/ul# | 91       |
| 28) Dibenzo(a,h)anthracene  | 26.208 | 278  | 30720    | 1.100  | ng/ul# | 87       |
| 29) Benzo(g,h,i)perylene    | 26.959 | 276  | 104819   | 3.345  | ng/ul  | 99       |
| -----                       |        |      |          |        |        |          |

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

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