

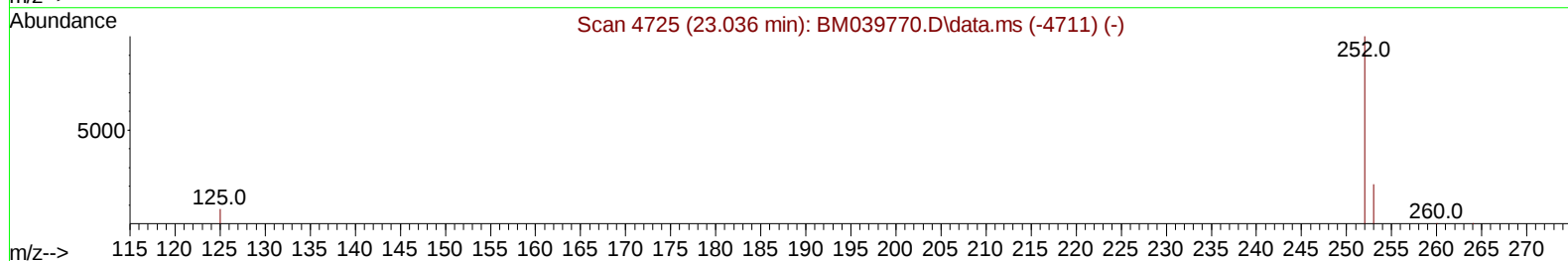
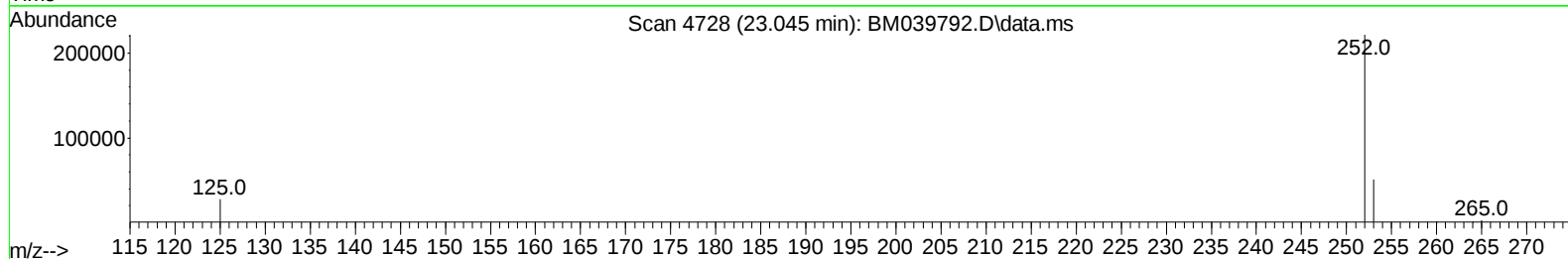
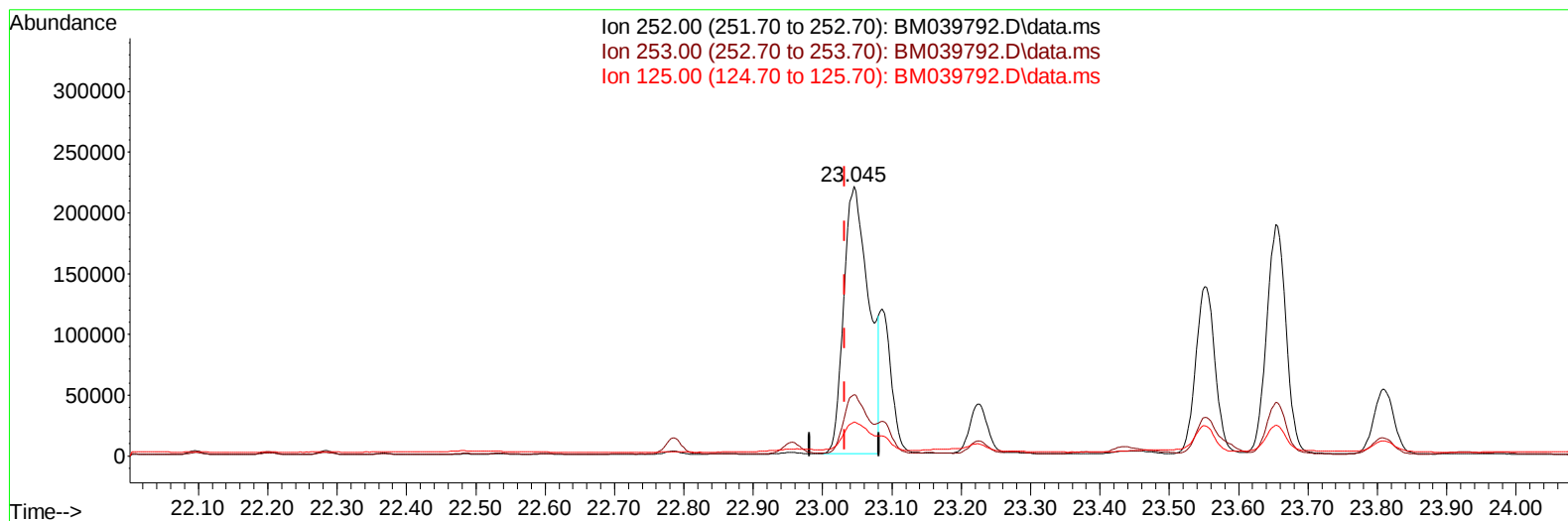
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM050123\  
Data File : BM039792.D  
Acq On : 02 May 2023 00:02  
Operator : CG/JU  
Sample : 02418-02DL 5X  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
EW8Y8DL

## Manual IntegrationsAPPROVED

Quant Time: May 02 01:28:28 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 : Sat Apr 29 04:28:45 2023  
Response via : Initial Calibration

Reviewed By :Christian Giraldo 05/02/2023  
Supervised By :Jagrut Upadhyay 05/02/2023



TIC: BM039792.D\data.ms

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

23.045min (+ 0.014) 14.91 ng/u1

response 551277

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 26.40  | 22.86  |
| 125.00 | 15.80  | 12.54  |
| 0.00   | 0.00   | 0.00   |

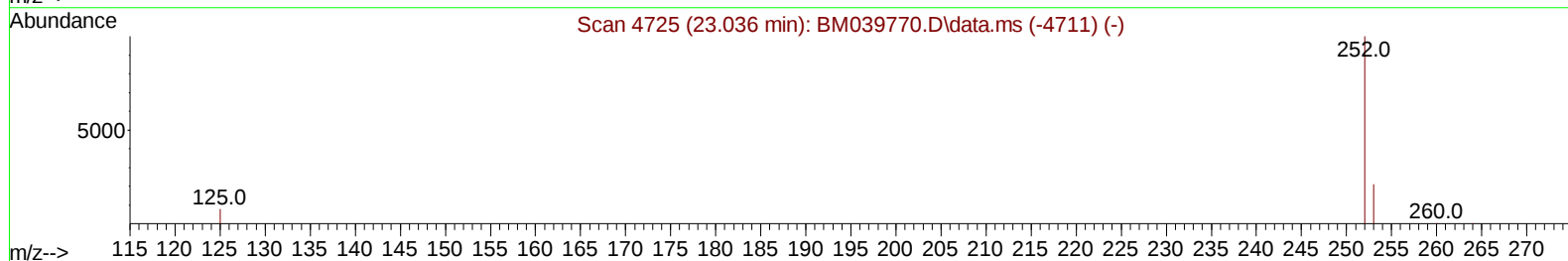
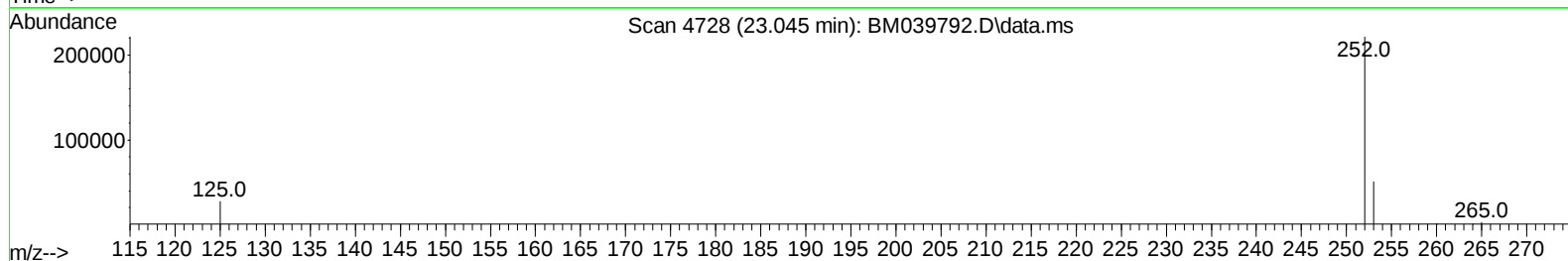
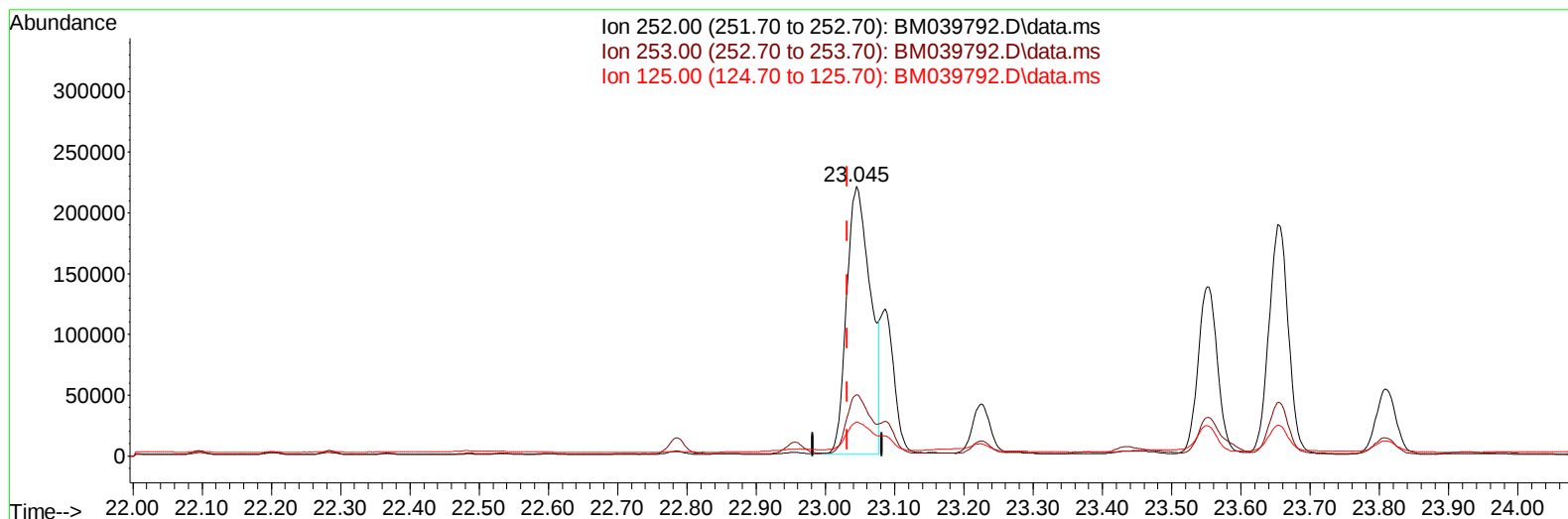
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**(24) Benzo(b)fluoranthene**

23.045min (+ 0.014) 14.43 ng/ul m

response 533655

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 26.40  | 22.86  |
| 125.00 | 15.80  | 12.54  |
| 0.00   | 0.00   | 0.00   |

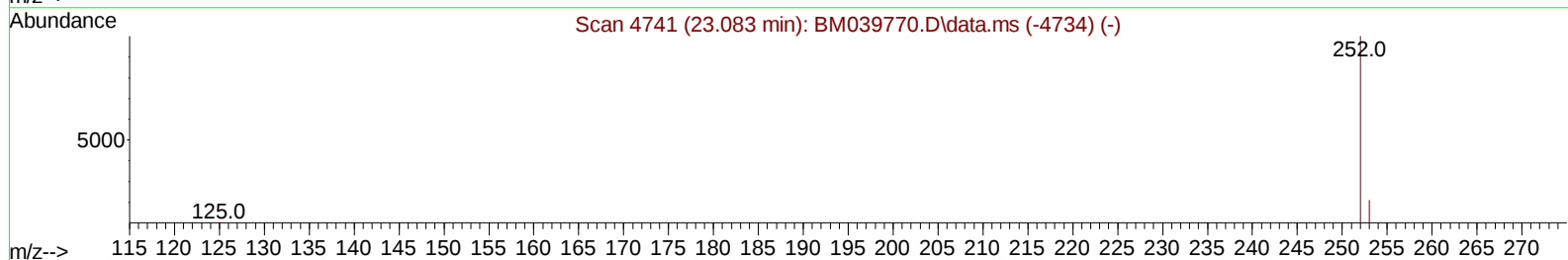
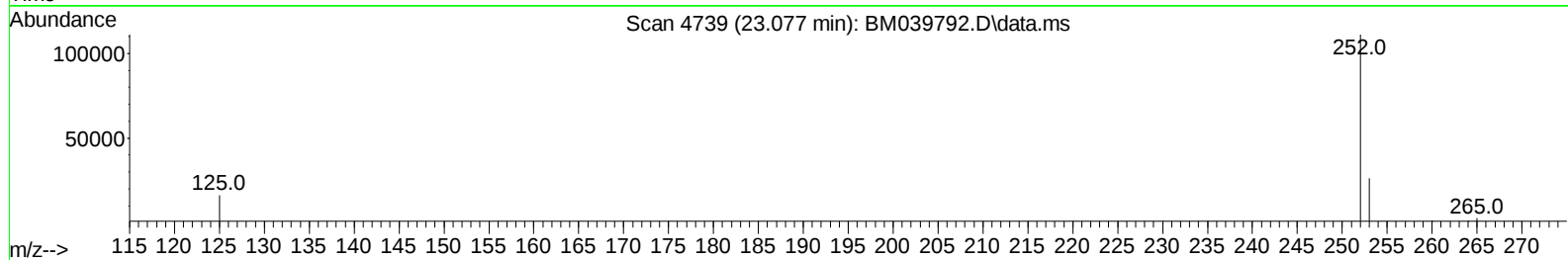
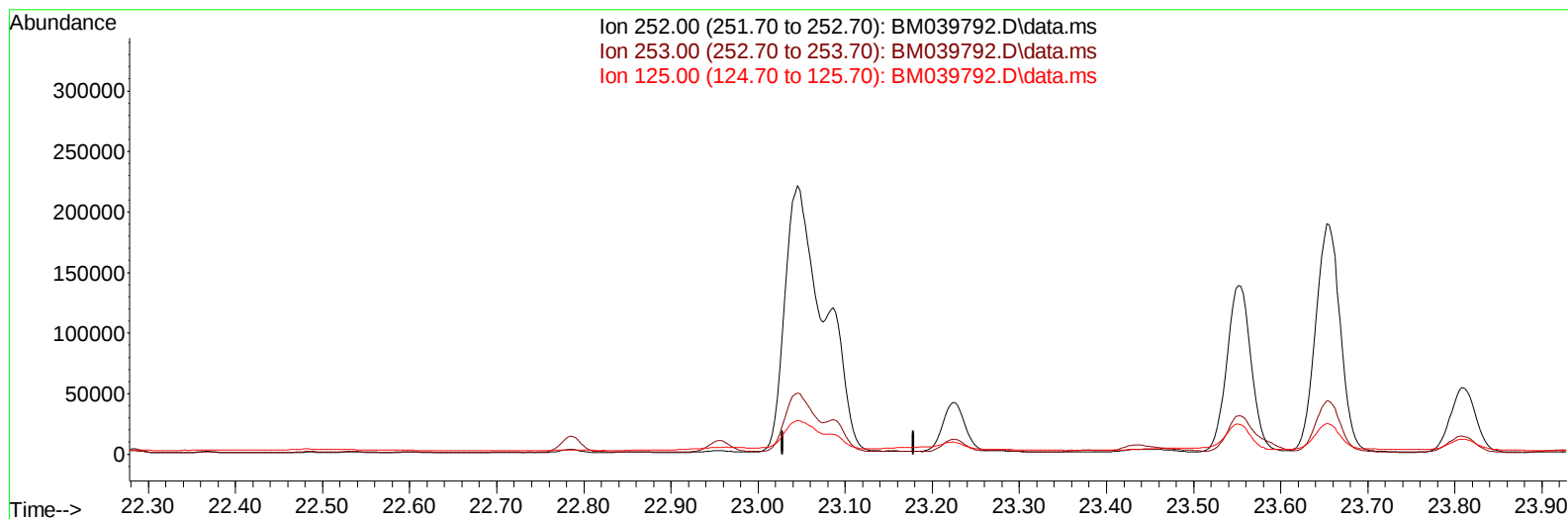
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 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 EW8Y8DL

Manual IntegrationsAPPROVED

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TIC: BM039792.D\data.ms

(25) Benzo(k)fluoranthene

23.078min (-23.078) 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  |

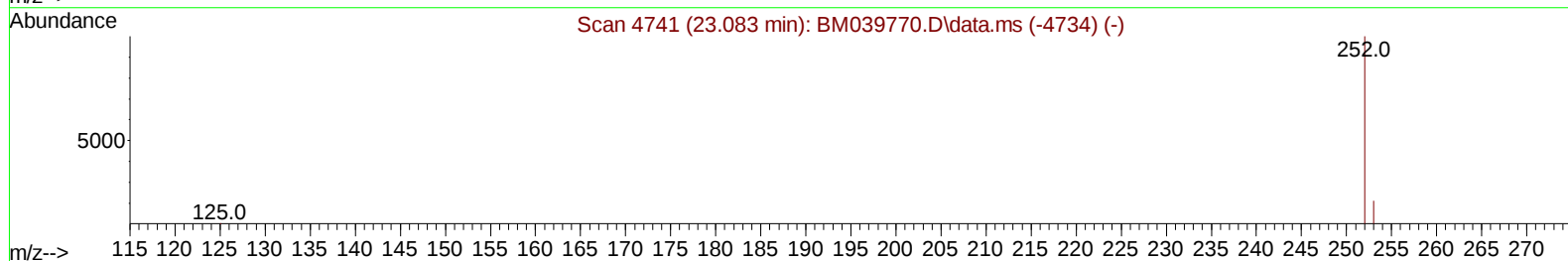
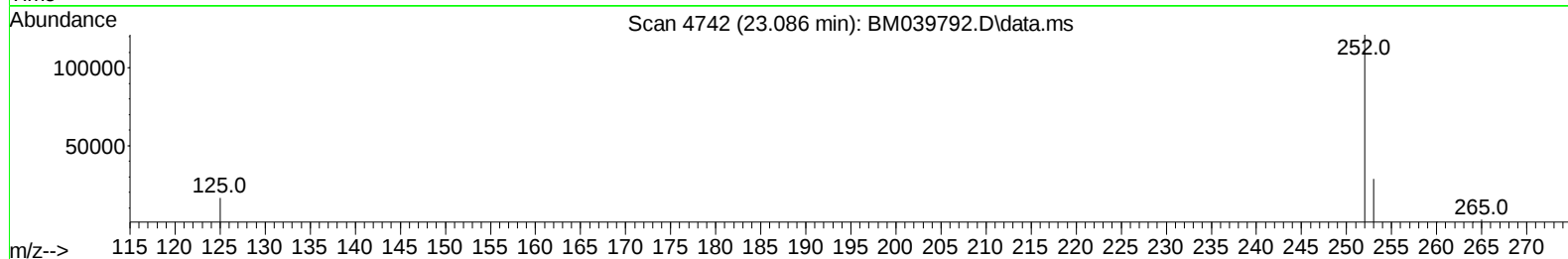
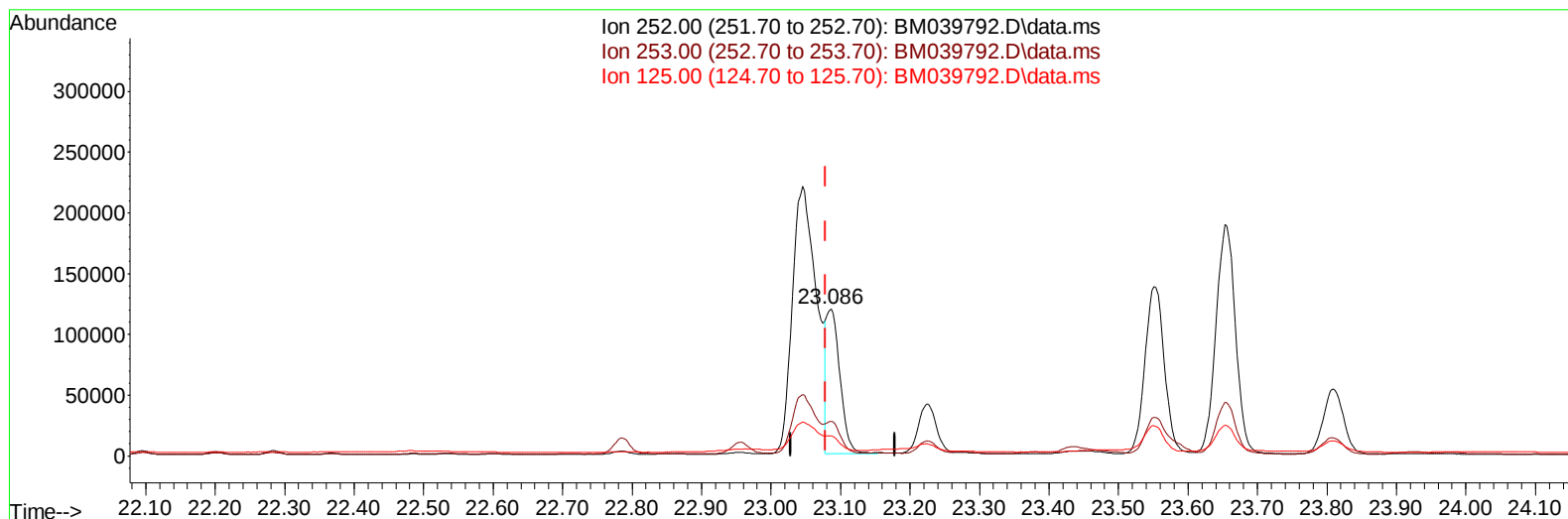
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Instrument :  
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Manual IntegrationsAPPROVED

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TIC: BM039792.D\data.ms

**(25) Benzo(k)fluoranthene**

**23.086min (+ 0.008) 4.24 ng/u1 m**

**response 159847**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 26.60  | 23.69  |
| 125.00 | 16.30  | 13.68  |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM050123\  
 Data File : BM039792.D  
 Acq On : 02 May 2023 00:02  
 Operator : CG/JU  
 Sample : 02418-02DL 5X  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 EW8Y8DL

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Quant Time: May 02 01:28:28 2023  
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| Compound                    | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|--------|--------|----------|
| -----                       |        |      |          |        |        |          |
| Internal Standards          |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.796  | 152  | 4050     | 0.400  | ng/ul  | -0.02    |
| 4) Naphthalene-d8           | 10.594 | 136  | 15573    | 0.400  | ng/ul  | -0.01    |
| 9) Acenaphthene-d10         | 14.449 | 164  | 9078     | 0.400  | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.203 | 188  | 18813    | 0.400  | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.403 | 240  | 8735     | 0.400  | ng/ul  | # 0.00   |
| 23) Perylene-d12            | 23.759 | 264  | 10531    | 0.400  | ng/ul  | # 0.01   |
| System Monitoring Compounds |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8           | 3.189  | 96   | 3443     | 0.577  | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.200 | 152  | 1206     | 0.060  | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.242 | 212  | 2302     | 0.098  | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |        |        |          |
|                             |        |      |          |        |        | Qvalue   |
| 5) Naphthalene              | 10.643 | 128  | 12306    | 0.315  | ng/ul  | 99       |
| 7) 2-Methylnaphthalene      | 12.271 | 142  | 5445     | 0.241  | ng/ul  | 97       |
| 8) 1-Methylnaphthalene      | 12.486 | 142  | 5253     | 0.217  | ng/ul  | 99       |
| 10) Acenaphthylene          | 14.172 | 152  | 42101    | 1.198  | ng/ul  | 100      |
| 11) Acenaphthene            | 14.514 | 153  | 24621    | 0.892  | ng/ul  | 99       |
| 12) Fluorene                | 15.504 | 166  | 28523    | 0.931  | ng/ul  | 98       |
| 15) Phenanthrene            | 17.245 | 178  | 516652   | 10.424 | ng/ul  | 98       |
| 16) Anthracene              | 17.338 | 178  | 119320   | 2.804  | ng/ul  | 97       |
| 19) Fluoranthene            | 19.270 | 202  | 1045906  | 33.562 | ng/ul  | 99       |
| 20) Pyrene                  | 19.637 | 202  | 848590   | 25.216 | ng/ul  | 98       |
| 21) Benzo(a)anthracene      | 21.385 | 228  | 416876   | 16.599 | ng/ul  | 99       |
| 22) Chrysene                | 21.438 | 228  | 387415   | 13.631 | ng/ul  | 98       |
| 24) Benzo(b)fluoranthene    | 23.045 | 252  | 533655m  | 14.429 | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 23.086 | 252  | 159847m  | 4.245  | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.653 | 252  | 368874   | 11.109 | ng/ul# | 85       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.198 | 276  | 279582   | 6.659  | ng/ul# | 92       |
| 28) Dibenzo(a,h)anthracene  | 26.201 | 278  | 68243    | 2.094  | ng/ul  | 98       |
| 29) Benzo(g,h,i)perylene    | 26.949 | 276  | 244476   | 6.682  | ng/ul  | 98       |
| -----                       |        |      |          |        |        |          |

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

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