

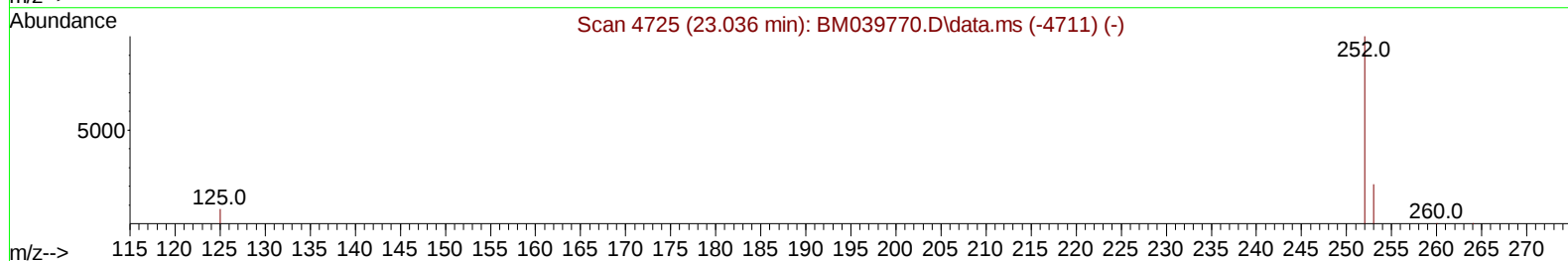
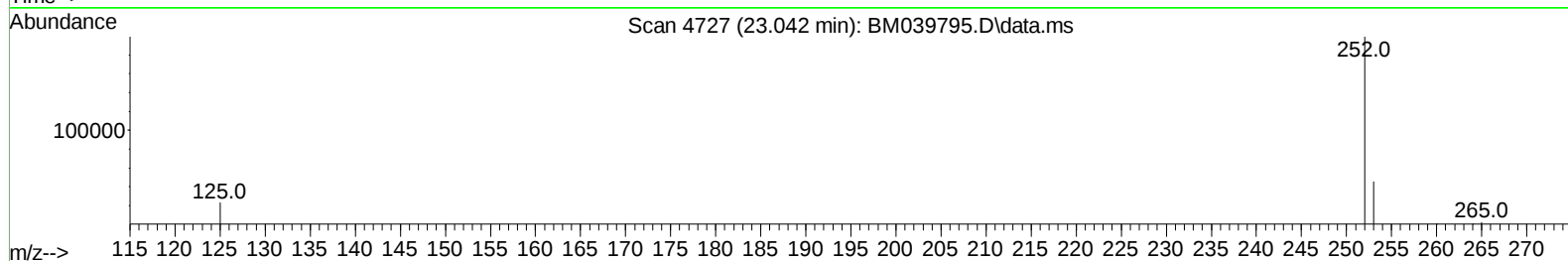
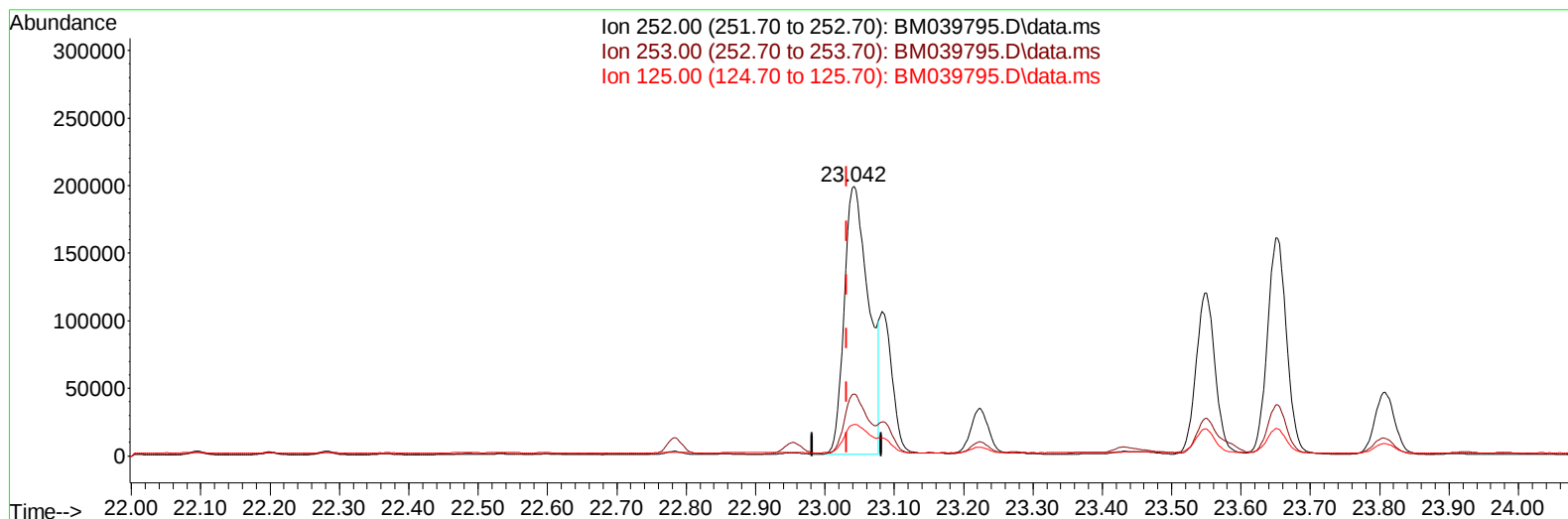
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM050123\  
 Data File : BM039795.D  
 Acq On : 02 May 2023 01:51  
 Operator : CG/JU  
 Sample : 02417-17DL 5X  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 EW8Y3DL

## Manual IntegrationsAPPROVED

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

Quant Time: May 02 03:00:56 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



TIC: BM039795.D\data.ms

## (24) Benzo(b)fluoranthene

23.042min (+ 0.010) 13.40 ng/u1

response 484095

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 26.40  | 22.99  |
| 125.00 | 15.80  | 11.64  |
| 0.00   | 0.00   | 0.00   |

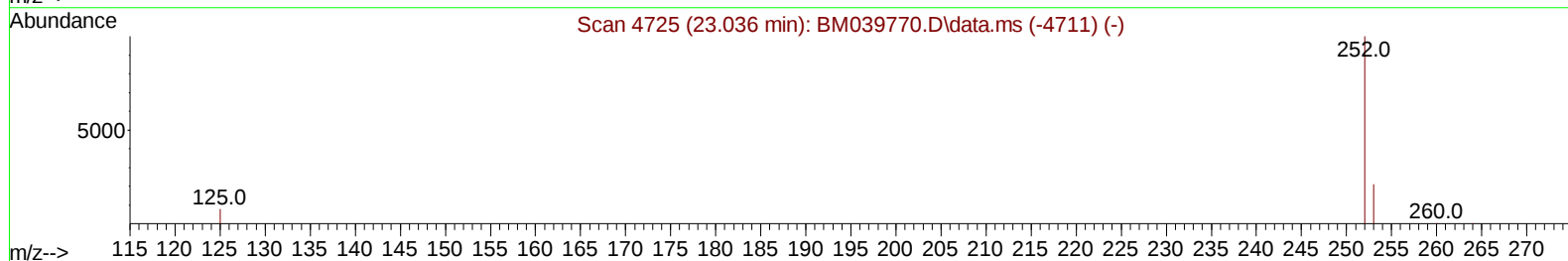
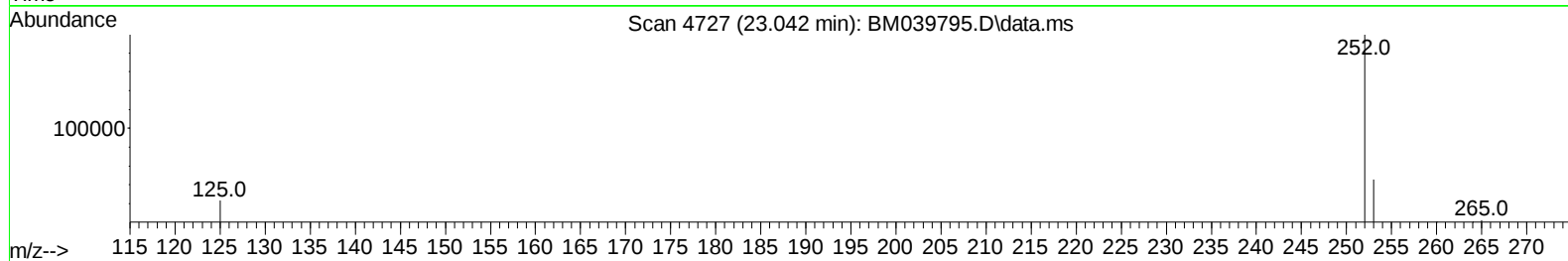
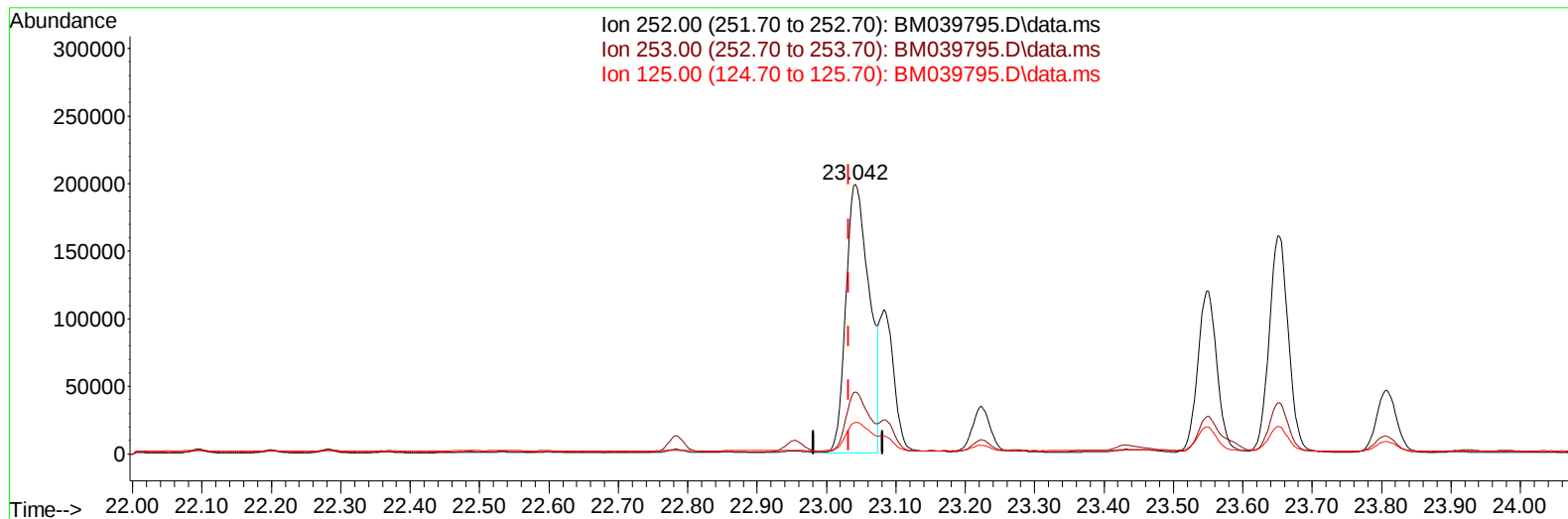
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## (24) Benzo(b)fluoranthene

23.042min (+ 0.010) 12.97 ng/ul m

response 468550

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 26.40  | 22.99  |
| 125.00 | 15.80  | 11.64  |
| 0.00   | 0.00   | 0.00   |

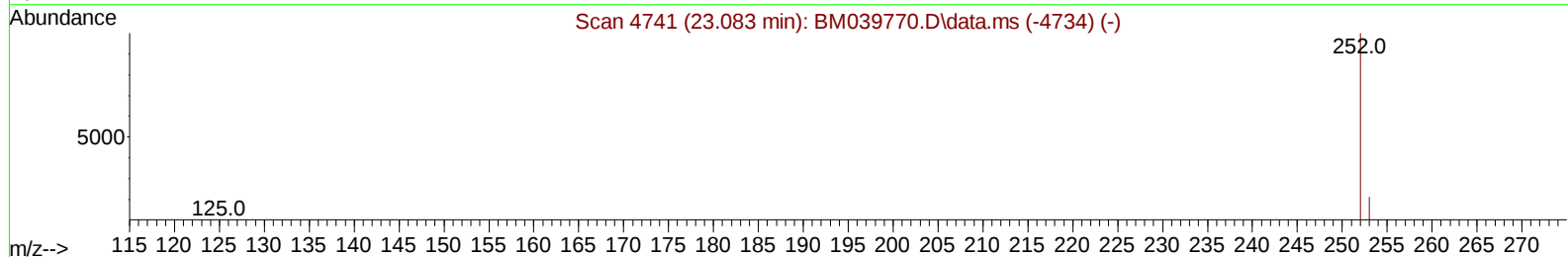
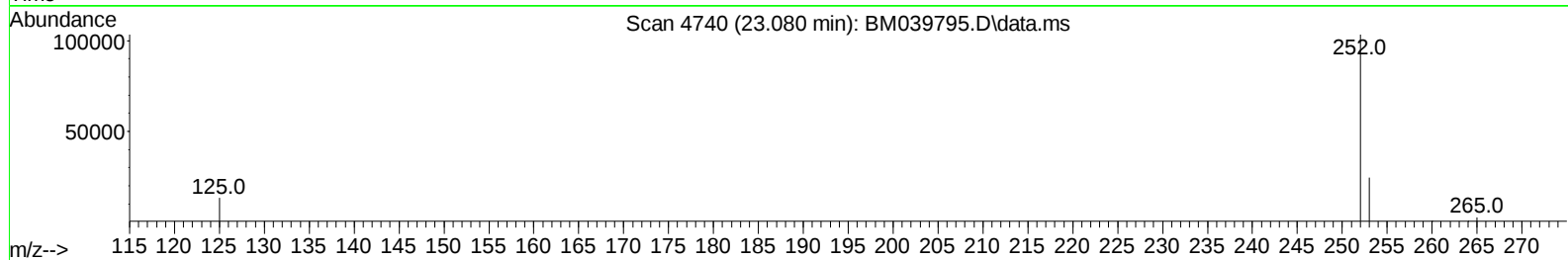
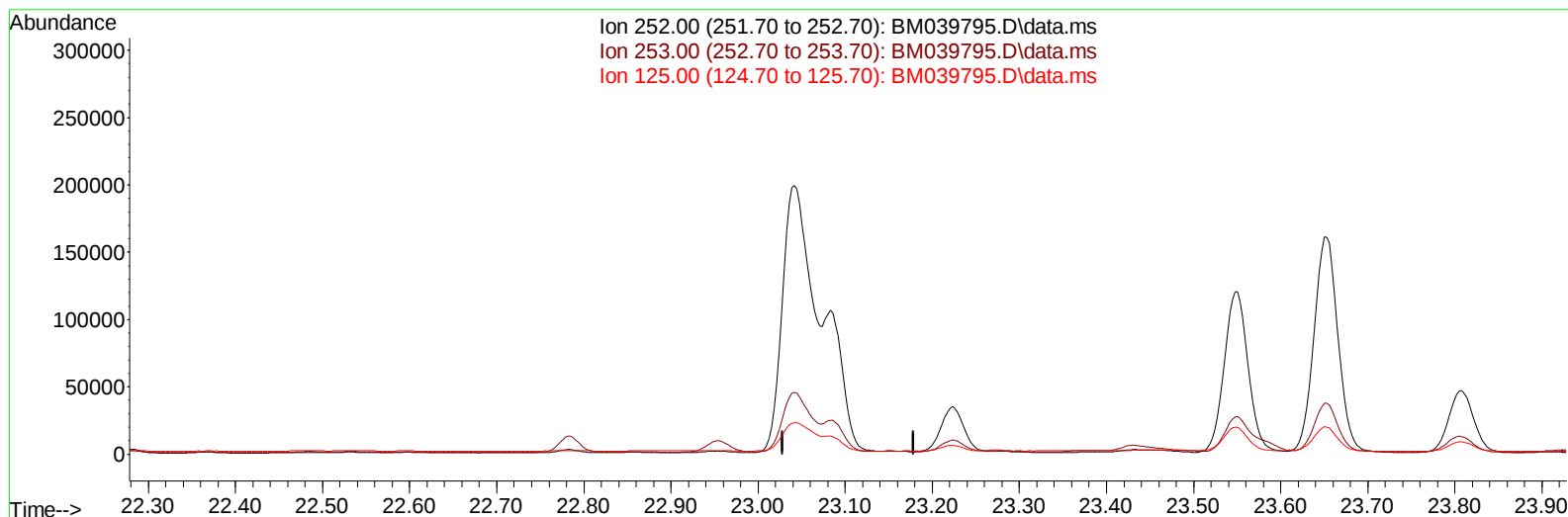
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Instrument :  
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Manual IntegrationsAPPROVED

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(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  |

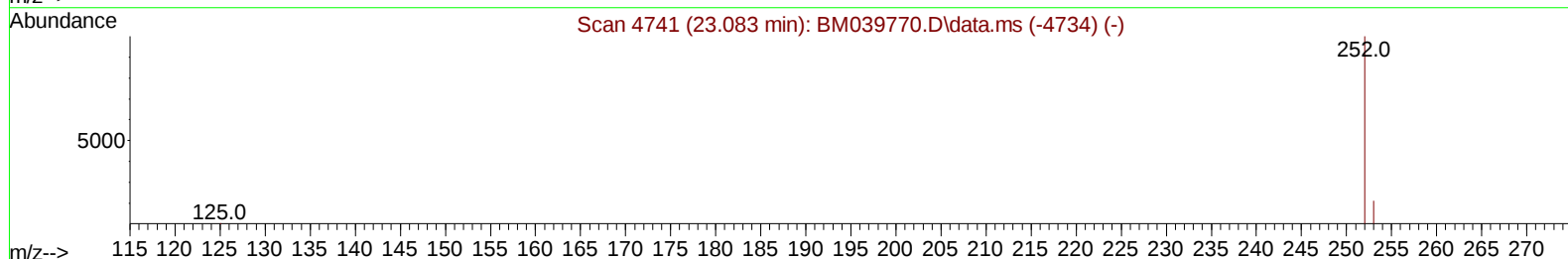
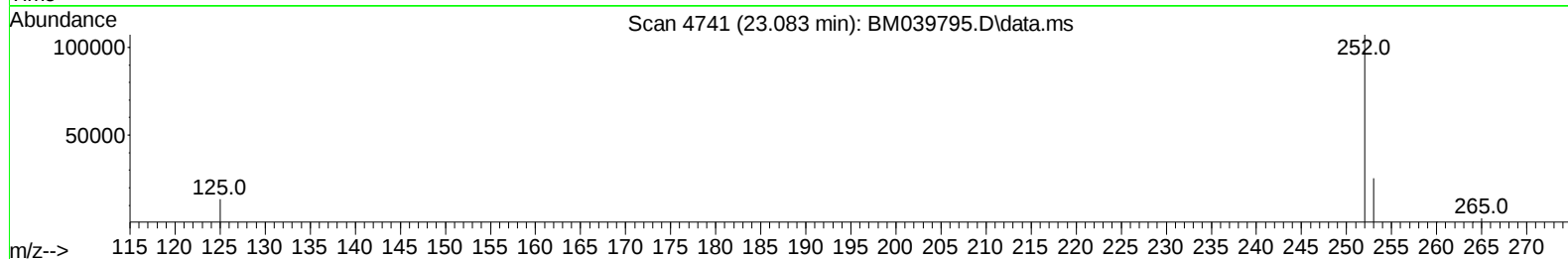
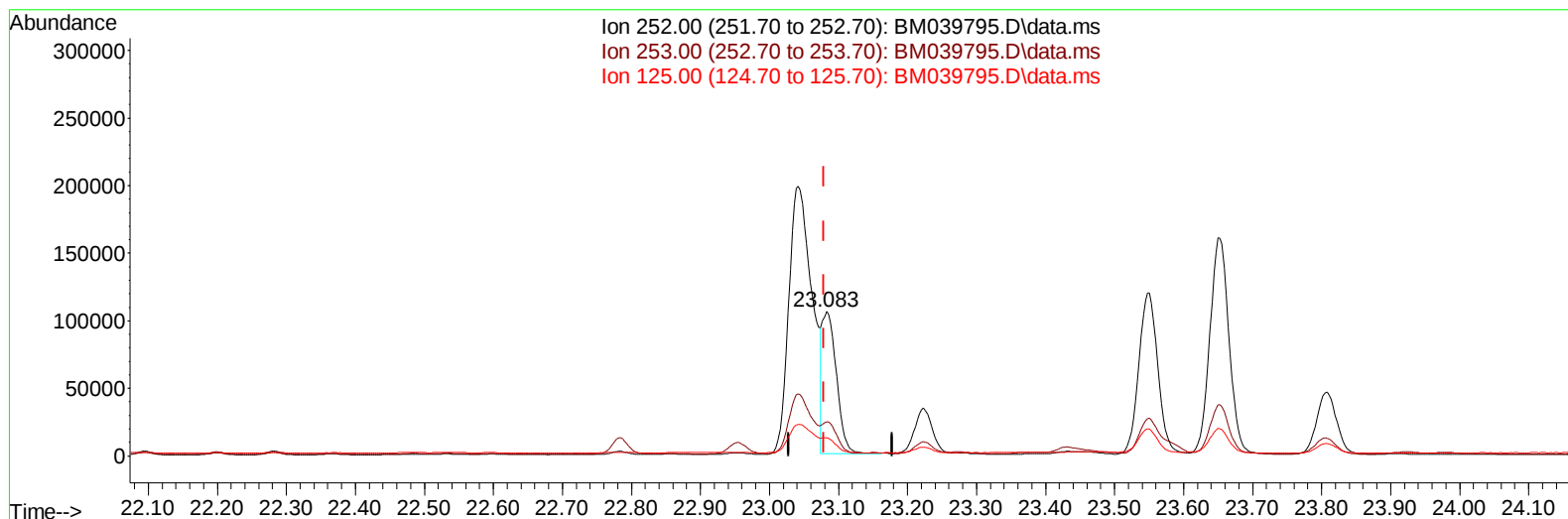
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Instrument :  
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Manual IntegrationsAPPROVED

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TIC: BM039795.D\data.ms

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

23.083min (+ 0.004) 4.04 ng/ul m

response 148713

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 26.60  | 23.61  |
| 125.00 | 16.30  | 12.46# |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM050123\  
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 Operator : CG/JU  
 Sample : 02417-17DL 5X  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
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| Compound                    | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|--------|--------|----------|
| -----                       |        |      |          |        |        |          |
| Internal Standards          |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.796  | 152  | 4023     | 0.400  | ng/ul  | -0.02    |
| 4) Naphthalene-d8           | 10.595 | 136  | 15431    | 0.400  | ng/ul  | -0.01    |
| 9) Acenaphthene-d10         | 14.451 | 164  | 9186     | 0.400  | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.204 | 188  | 19316    | 0.400  | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.402 | 240  | 8837     | 0.400  | ng/ul  | # 0.00   |
| 23) Perylene-d12            | 23.755 | 264  | 10288    | 0.400  | ng/ul  | 0.01     |
| System Monitoring Compounds |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8           | 3.189  | 96   | 2660     | 0.449  | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.201 | 152  | 874      | 0.044  | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.239 | 212  | 1690     | 0.071  | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |        |        |          |
|                             |        |      |          |        |        | Qvalue   |
| 5) Naphthalene              | 10.645 | 128  | 8609     | 0.222  | ng/ul  | 99       |
| 7) 2-Methylnaphthalene      | 12.272 | 142  | 4771     | 0.213  | ng/ul  | 97       |
| 8) 1-Methylnaphthalene      | 12.487 | 142  | 5148     | 0.215  | ng/ul  | 98       |
| 10) Acenaphthylene          | 14.173 | 152  | 25793    | 0.725  | ng/ul  | 100      |
| 11) Acenaphthene            | 14.511 | 153  | 25491    | 0.913  | ng/ul  | 98       |
| 12) Fluorene                | 15.505 | 166  | 35742    | 1.154  | ng/ul  | 98       |
| 15) Phenanthrene            | 17.242 | 178  | 645632   | 12.687 | ng/ul  | 98       |
| 16) Anthracene              | 17.339 | 178  | 128143   | 2.933  | ng/ul  | 97       |
| 19) Fluoranthene            | 19.271 | 202  | 1169375  | 37.091 | ng/ul  | 97       |
| 20) Pyrene                  | 19.634 | 202  | 895248   | 26.295 | ng/ul  | 100      |
| 21) Benzo(a)anthracene      | 21.385 | 228  | 399526   | 15.725 | ng/ul  | 99       |
| 22) Chrysene                | 21.437 | 228  | 363812   | 12.653 | ng/ul  | 98       |
| 24) Benzo(b)fluoranthene    | 23.042 | 252  | 468550m  | 12.968 | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 23.083 | 252  | 148713m  | 4.042  | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.650 | 252  | 308208   | 9.501  | ng/ul# | 85       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.191 | 276  | 221328   | 5.396  | ng/ul# | 92       |
| 28) Dibenzo(a,h)anthracene  | 26.194 | 278  | 56294    | 1.768  | ng/ul  | 98       |
| 29) Benzo(g,h,i)perylene    | 26.945 | 276  | 178691   | 5.000  | ng/ul  | 98       |
| -----                       |        |      |          |        |        |          |

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

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