

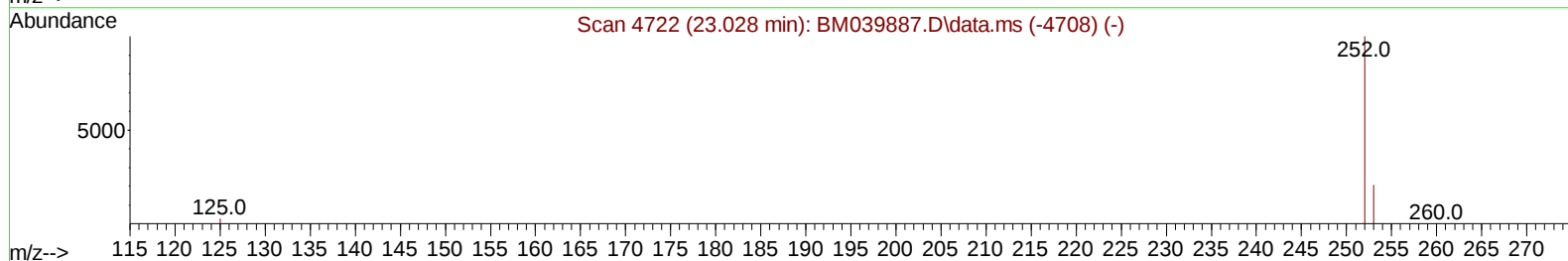
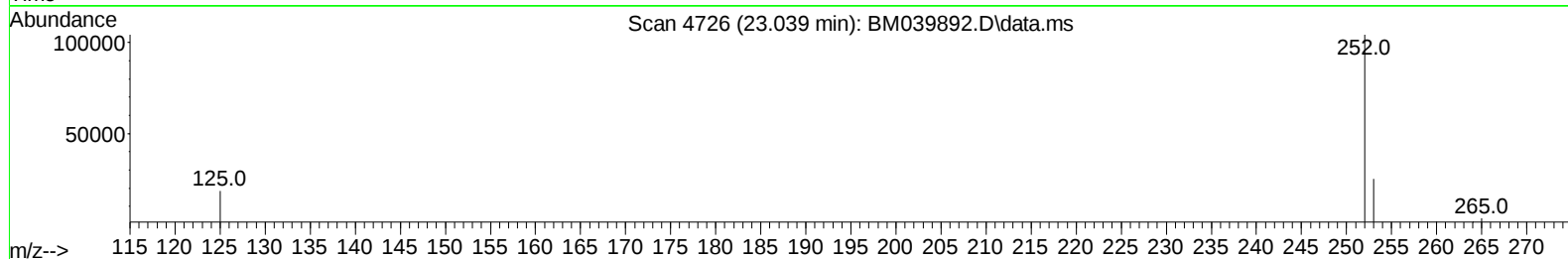
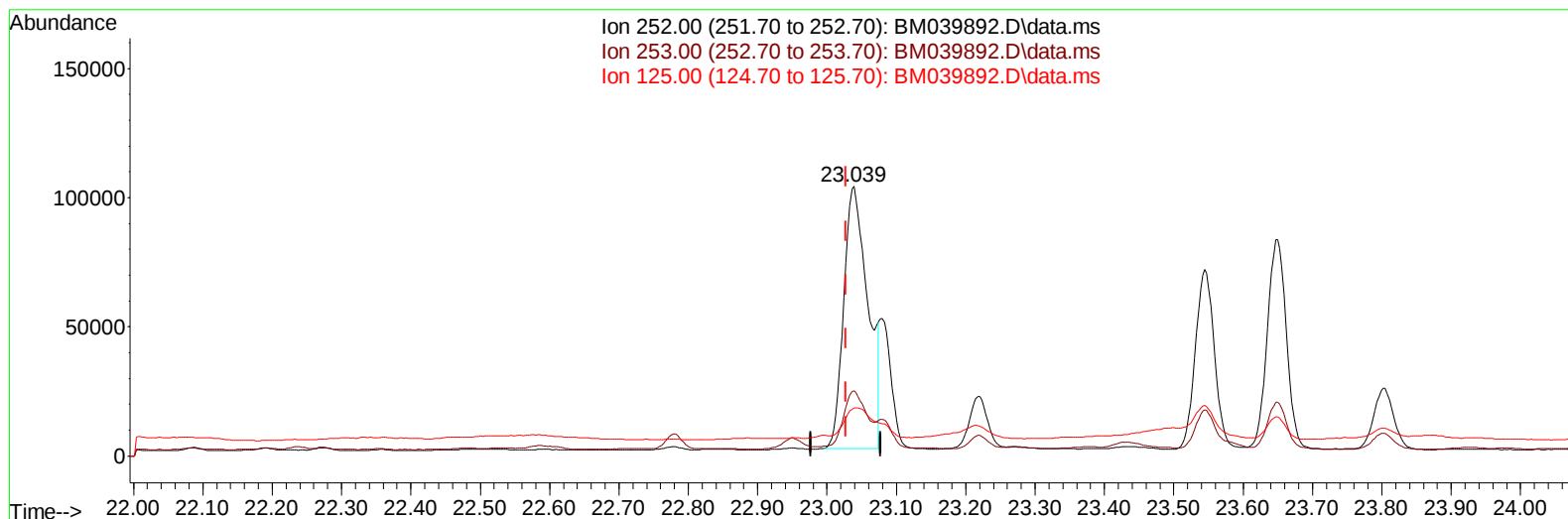
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM050923\  
 Data File : BM039892.D  
 Acq On : 09 May 2023 14:08  
 Operator : CG/JU  
 Sample : 02479-06  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 EW947

Manual IntegrationsAPPROVED

Quant Time: May 10 01:03:10 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 09 12:11:48 2023  
 Response via : Initial Calibration

Reviewed By :Christian Giraldo 05/10/2023  
 Supervised By :Jagrut Upadhyay 05/10/2023



TIC: BM039892.D\data.ms

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

23.039min (+ 0.011) 12.57 ng/u1

response 245960

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 26.40  | 24.24  |
| 125.00 | 15.80  | 17.81  |
| 0.00   | 0.00   | 0.00   |

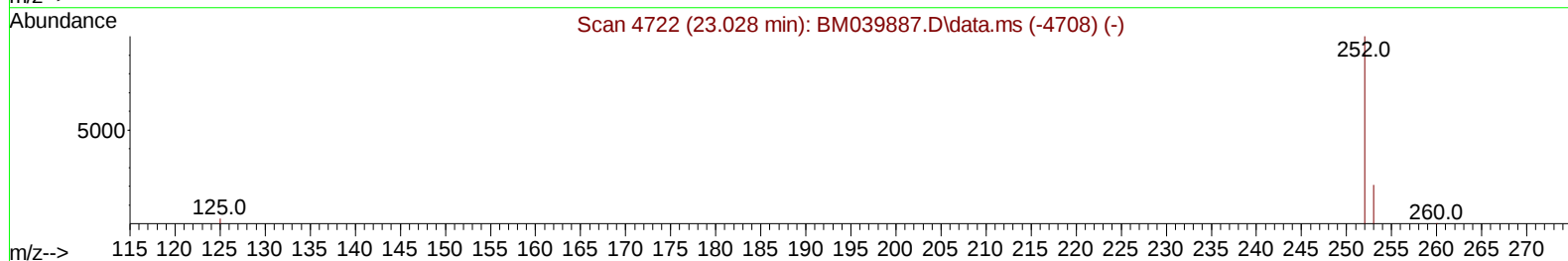
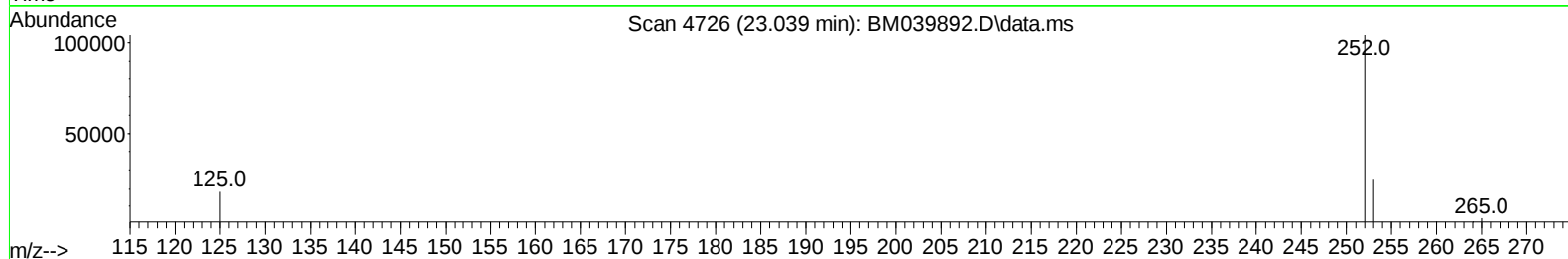
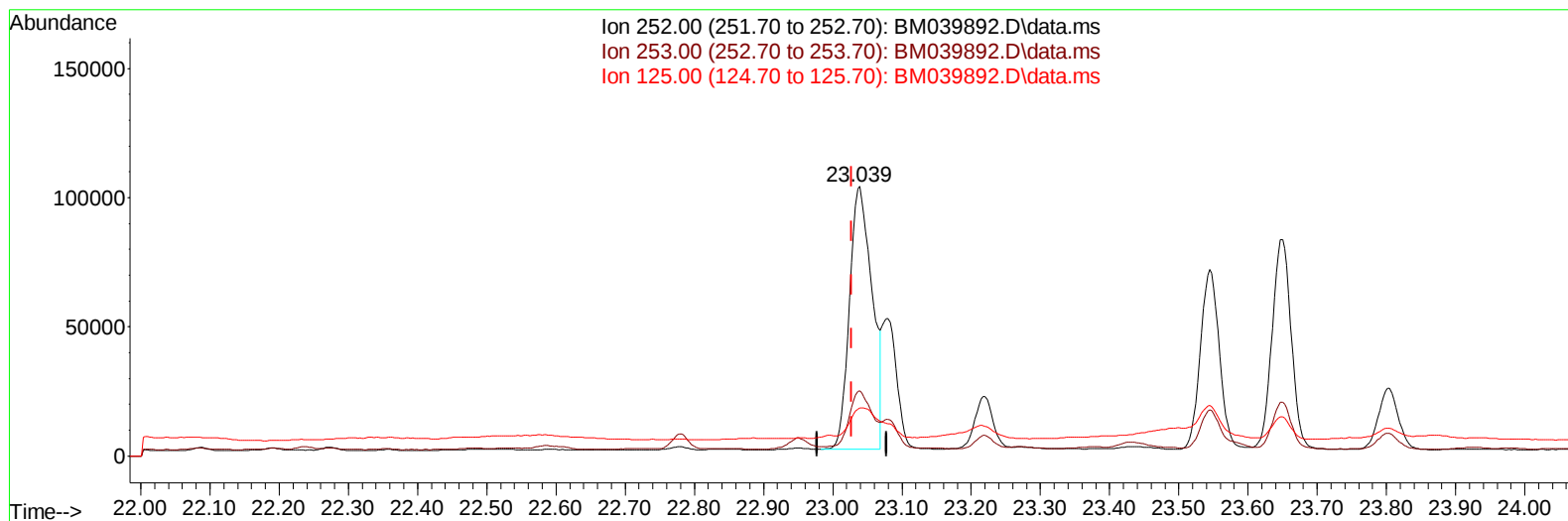
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**(24) Benzo(b)fluoranthene**

23.039min (+ 0.011) 11.81 ng/ul m

response 231028

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 26.40  | 24.24  |
| 125.00 | 15.80  | 17.81  |
| 0.00   | 0.00   | 0.00   |

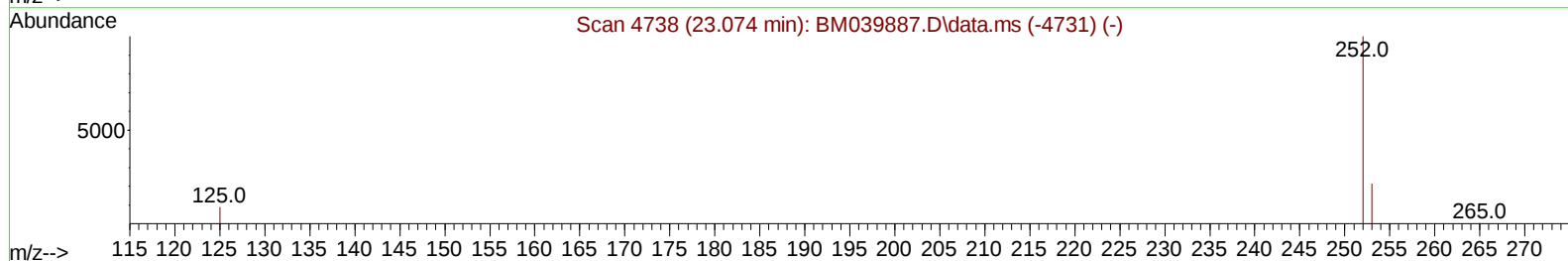
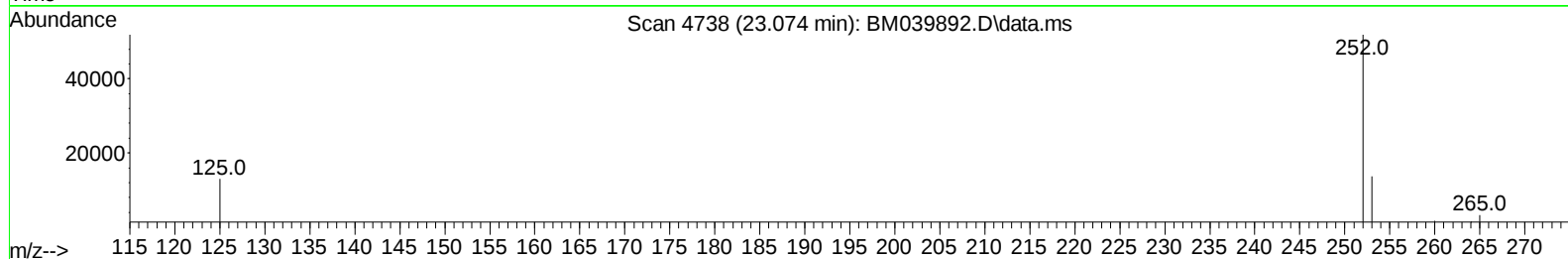
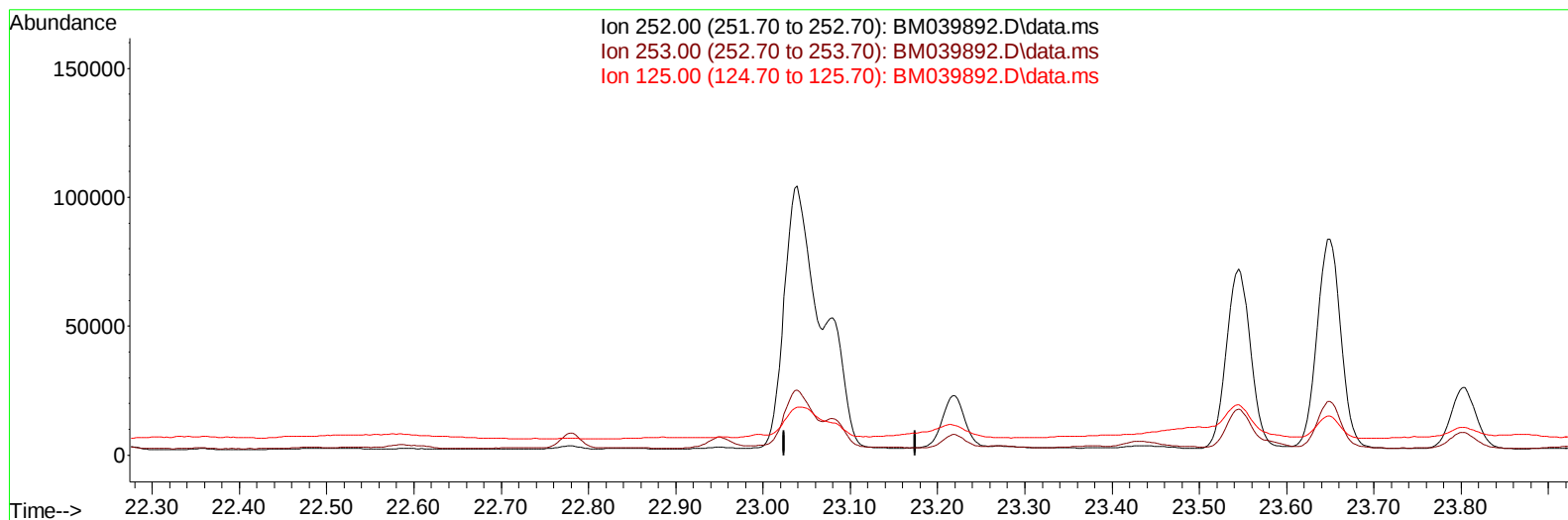
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 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_M  
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Manual IntegrationsAPPROVED

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TIC: BM039892.D\data.ms

(25) Benzo(k)fluoranthene

23.074min (-23.074) 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  |

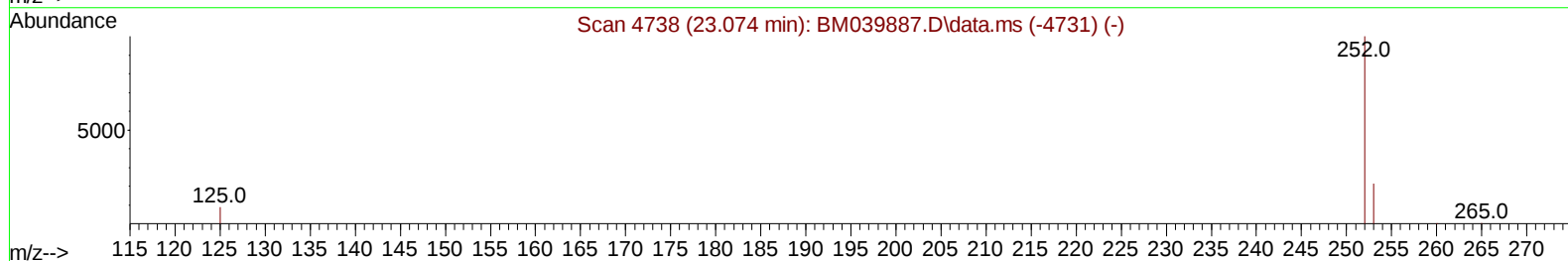
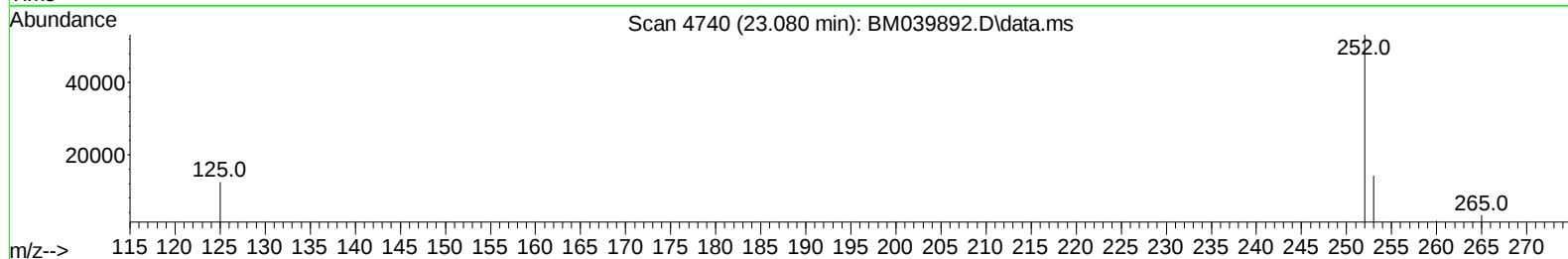
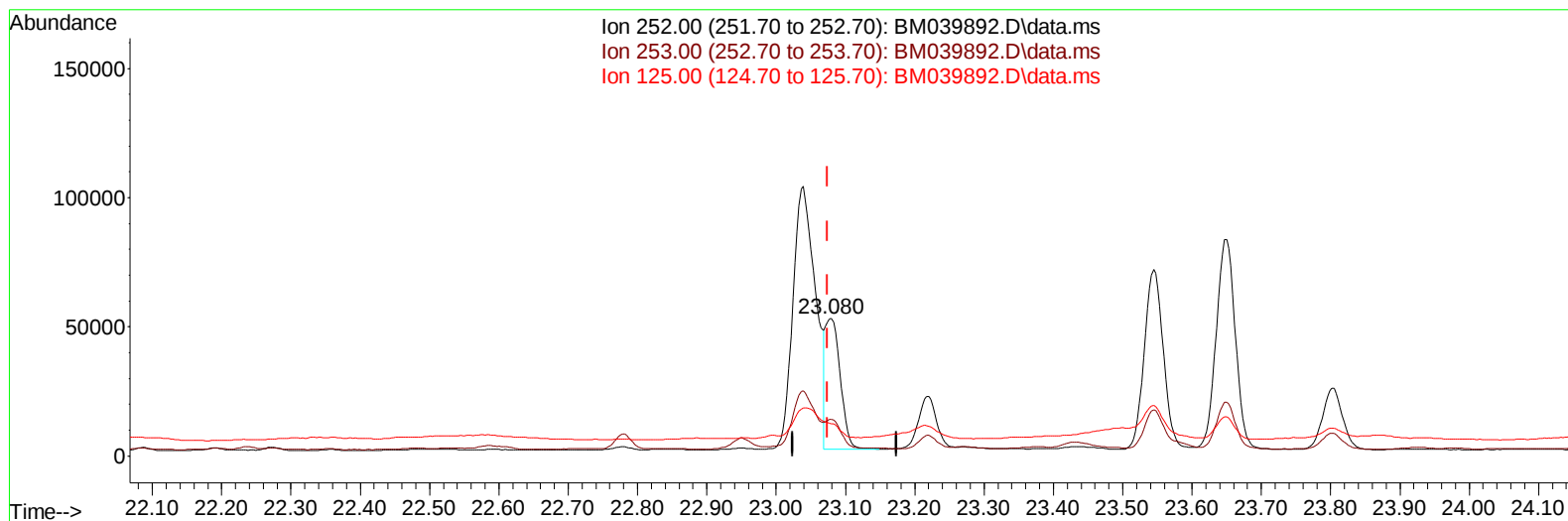
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 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_M  
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Manual IntegrationsAPPROVED

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TIC: BM039892.D\data.ms

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

23.080min (+ 0.005) 3.82 ng/ul m

response 76091

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 26.60  | 26.64  |
| 125.00 | 16.30  | 23.52# |
| 0.00   | 0.00   | 0.00   |

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 Data File : BM039892.D  
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 Operator : CG/JU  
 Sample : 02479-06  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 EW947

## Manual IntegrationsAPPROVED

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| Compound                    | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|--------|--------|----------|
| -----                       |        |      |          |        |        |          |
| Internal Standards          |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.775  | 152  | 2044     | 0.400  | ng/ul  | -0.02    |
| 4) Naphthalene-d8           | 10.578 | 136  | 6447     | 0.400  | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.437 | 164  | 3712     | 0.400  | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.191 | 188  | 7431     | 0.400  | ng/ul  | # 0.00   |
| 17) Chrysene-d12            | 21.396 | 240  | 5159     | 0.400  | ng/ul  | # 0.00   |
| 23) Perylene-d12            | 23.752 | 264  | 5570     | 0.400  | ng/ul  | # 0.01   |
| System Monitoring Compounds |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8           | 3.176  | 96   | 5854     | 1.943  | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.173 | 152  | 1386     | 0.168  | ng/ul  | -0.02    |
| 18) Fluoranthene-d10        | 19.229 | 212  | 2879     | 0.207  | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |        |        |          |
|                             |        |      |          |        | Qvalue |          |
| 5) Naphthalene              | 10.622 | 128  | 47592    | 2.940  | ng/ul  | 98       |
| 7) 2-Methylnaphthalene      | 12.245 | 142  | 66086    | 7.073  | ng/ul  | 97       |
| 8) 1-Methylnaphthalene      | 12.470 | 142  | 29847    | 2.978  | ng/ul  | 100      |
| 10) Acenaphthylene          | 14.154 | 152  | 26748    | 1.862  | ng/ul# | 95       |
| 11) Acenaphthene            | 14.497 | 153  | 8096     | 0.717  | ng/ul  | 97       |
| 12) Fluorene                | 15.491 | 166  | 10031    | 0.801  | ng/ul# | 96       |
| 15) Phenanthrene            | 17.233 | 178  | 187011   | 9.552  | ng/ul  | 99       |
| 16) Anthracene              | 17.326 | 178  | 40107    | 2.386  | ng/ul  | 99       |
| 19) Fluoranthene            | 19.262 | 202  | 357151   | 19.405 | ng/ul  | 97       |
| 20) Pyrene                  | 19.624 | 202  | 298112   | 14.999 | ng/ul  | 100      |
| 21) Benzo(a)anthracene      | 21.379 | 228  | 163762   | 11.040 | ng/ul  | 96       |
| 22) Chrysene                | 21.431 | 228  | 156593   | 9.329  | ng/ul  | 95       |
| 24) Benzo(b)fluoranthene    | 23.039 | 252  | 231028m  | 11.810 | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 23.080 | 252  | 76091m   | 3.820  | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.647 | 252  | 156070   | 8.886  | ng/ul  | 91       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.194 | 276  | 125720   | 5.661  | ng/ul  | 93       |
| 28) Dibenzo(a,h)anthracene  | 26.194 | 278  | 35446    | 2.056  | ng/ul# | 72       |
| 29) Benzo(g,h,i)perylene    | 26.949 | 276  | 135046   | 6.979  | ng/ul  | 96       |
| -----                       |        |      |          |        |        |          |

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

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