

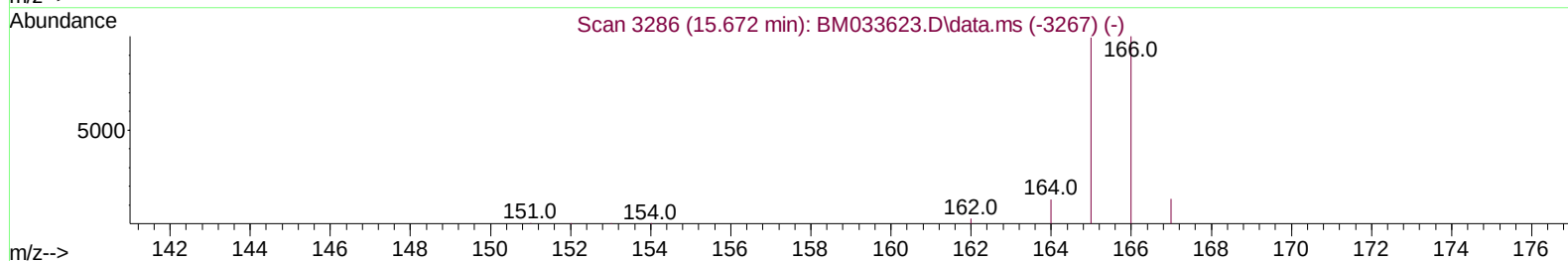
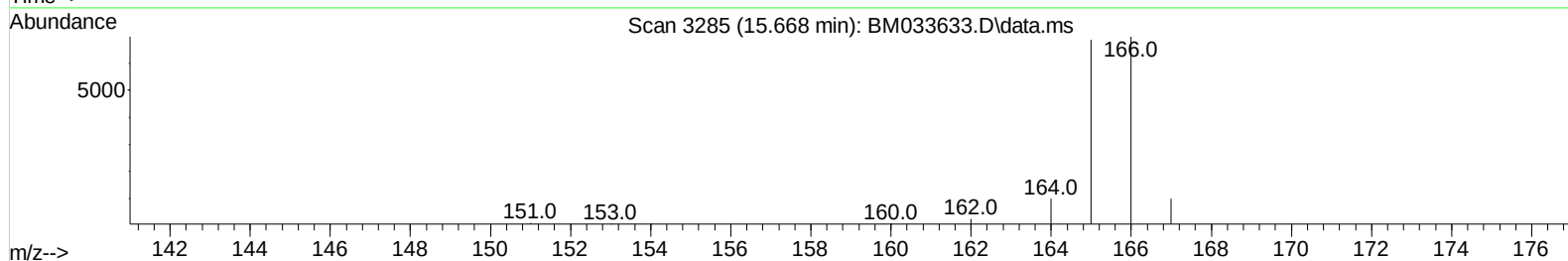
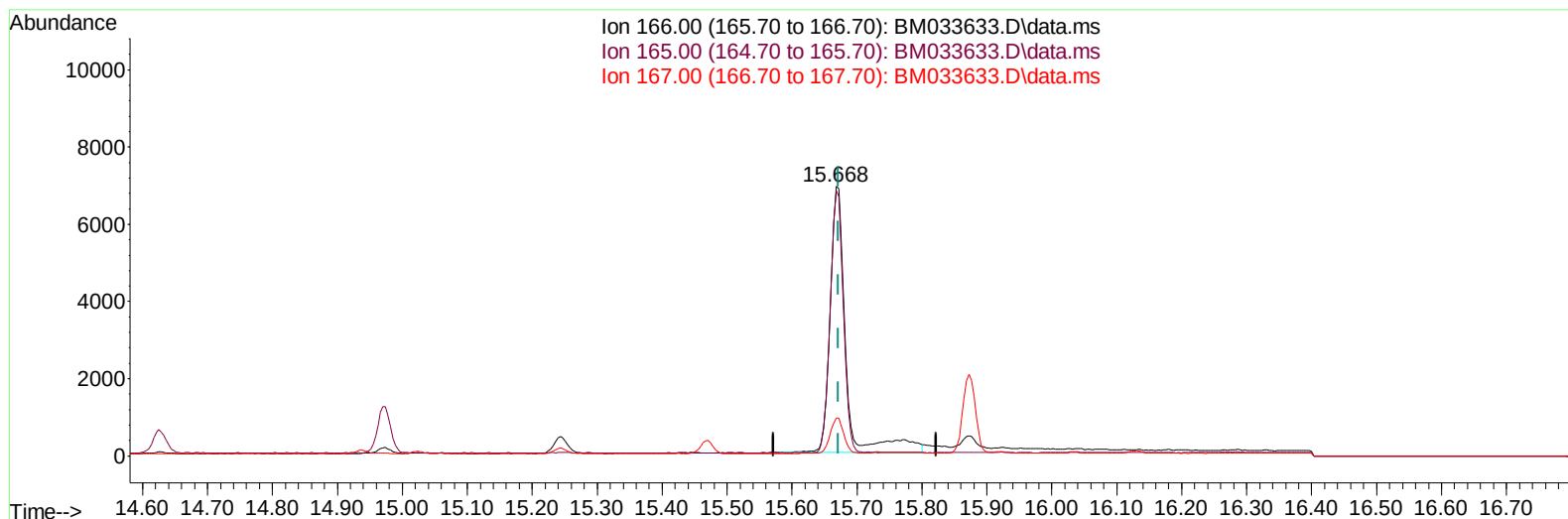
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM010422\  
 Data File : BM033633.D  
 Acq On : 04 Jan 2022 19:44  
 Operator : CG/JU  
 Sample : PB141819BS  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SLCS819

Manual IntegrationsAPPROVED

Quant Time: Jan 05 00:25:48 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM010422.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jan 04 15:58:35 2022  
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 01/05/2022  
 Supervised By :Yogesh Patel 01/06/2022



TIC: BM033633.D\data.ms

(12) Fluorene

15.668min (-0.004) 0.41 ng/u1

response 11761

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 166.00 | 100.00 | 100.00 |
| 165.00 | 101.40 | 98.40  |
| 167.00 | 18.60  | 14.13# |
| 0.00   | 0.00   | 0.00   |

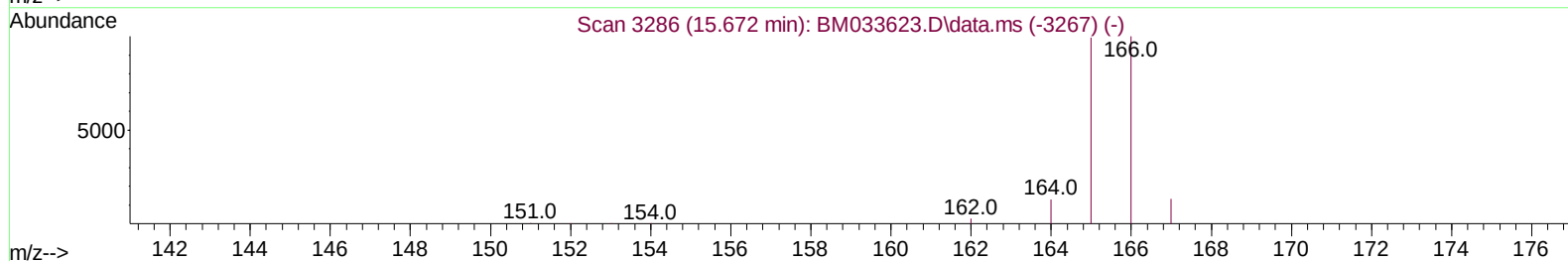
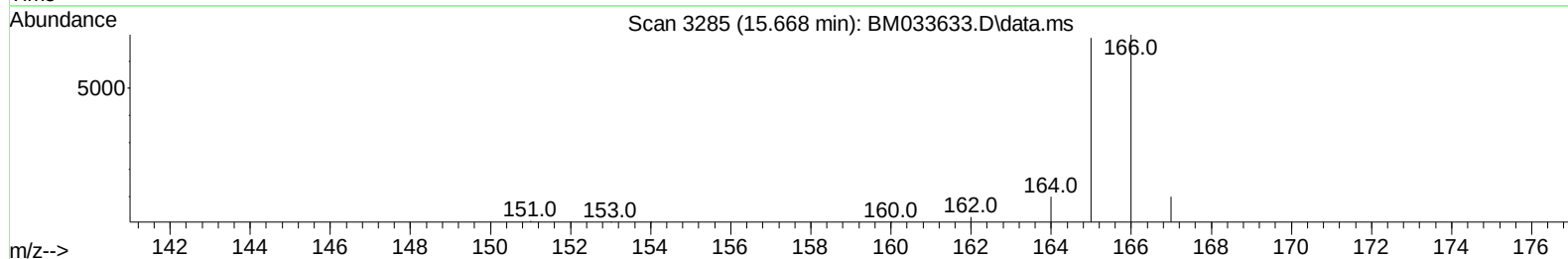
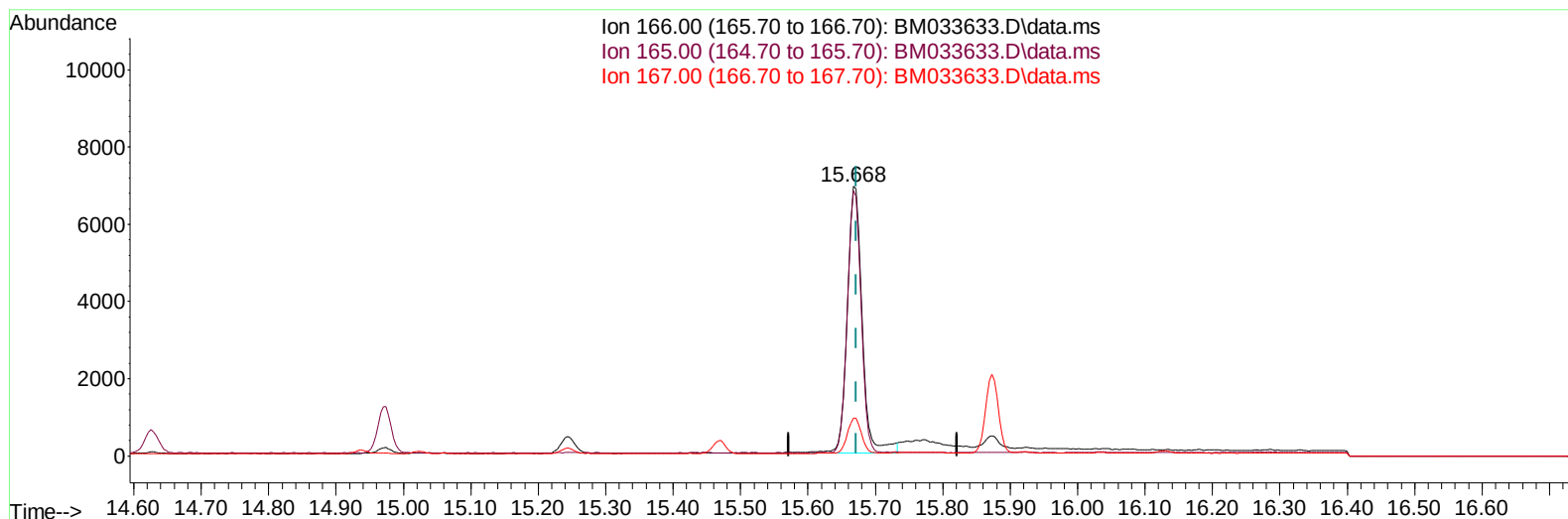
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TIC: BM033633.D\data.ms

# (12) Fluorene

15.668min (-0.004) 0.37 ng/ul m

response 10617

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 166.00 | 100.00 | 100.00 |
| 165.00 | 101.40 | 98.40  |
| 167.00 | 18.60  | 14.13# |
| 0.00   | 0.00   | 0.00   |

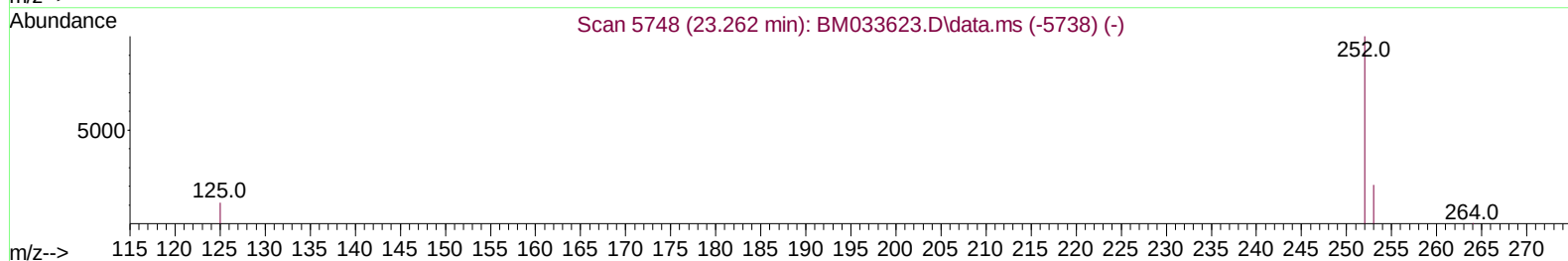
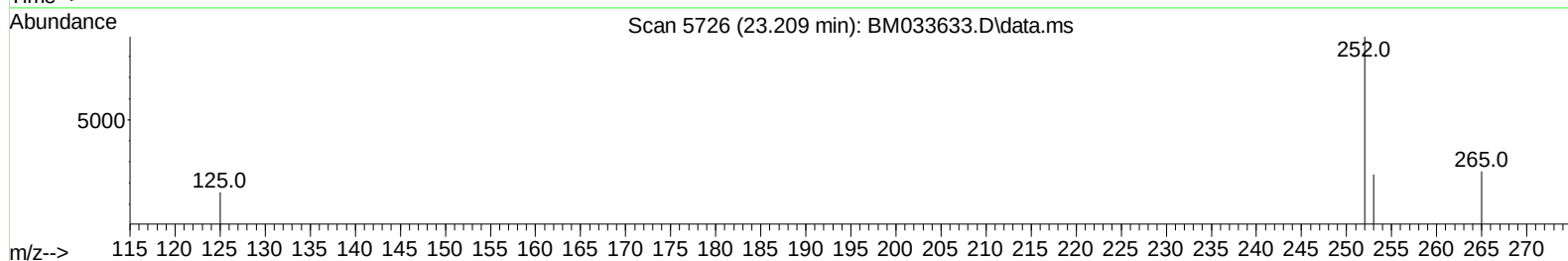
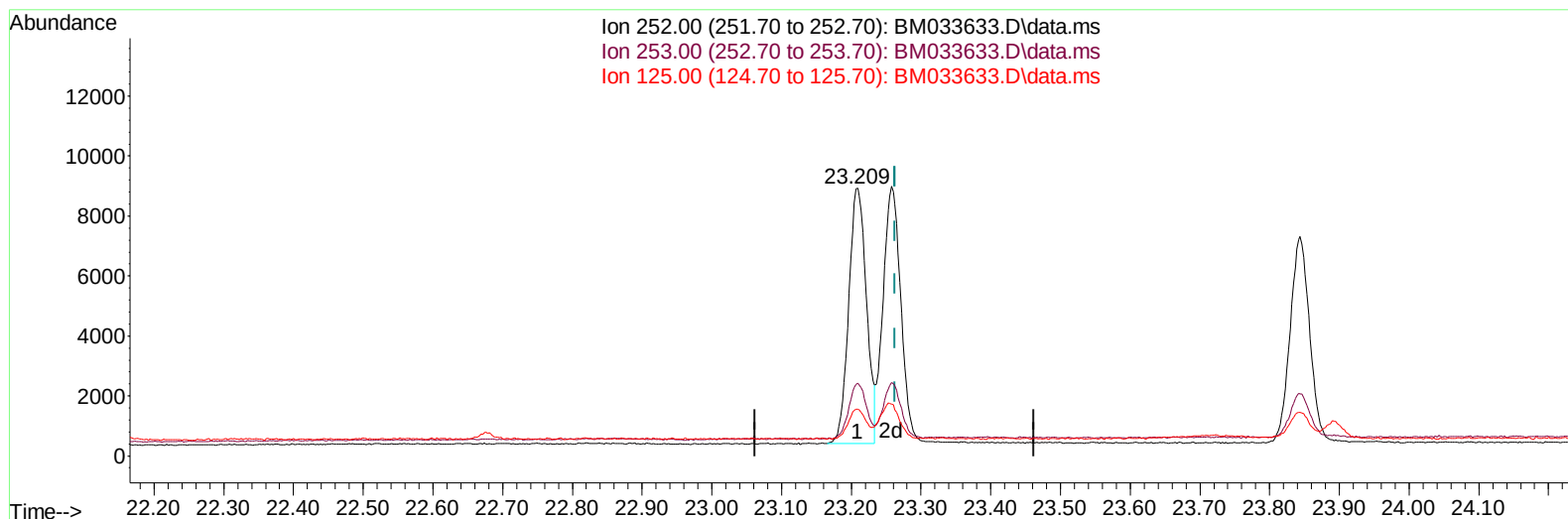
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Instrument :  
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Manual IntegrationsAPPROVED

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

**23.209min (-0.053) 0.40 ng/u1**

**response 15031**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 33.50  | 27.05  |
| 125.00 | 15.00  | 17.49  |
| 0.00   | 0.00   | 0.00   |

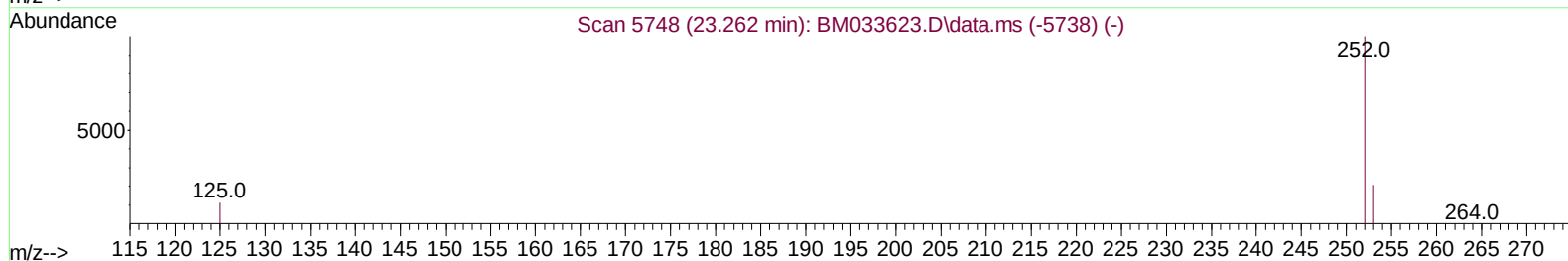
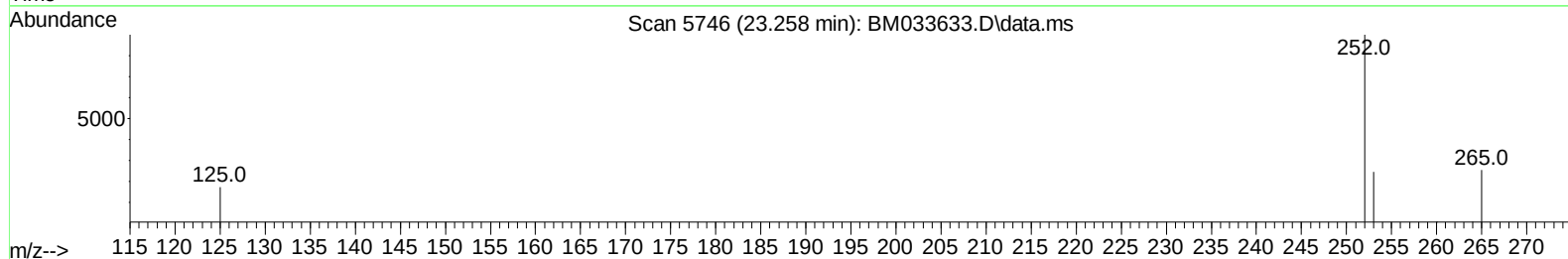
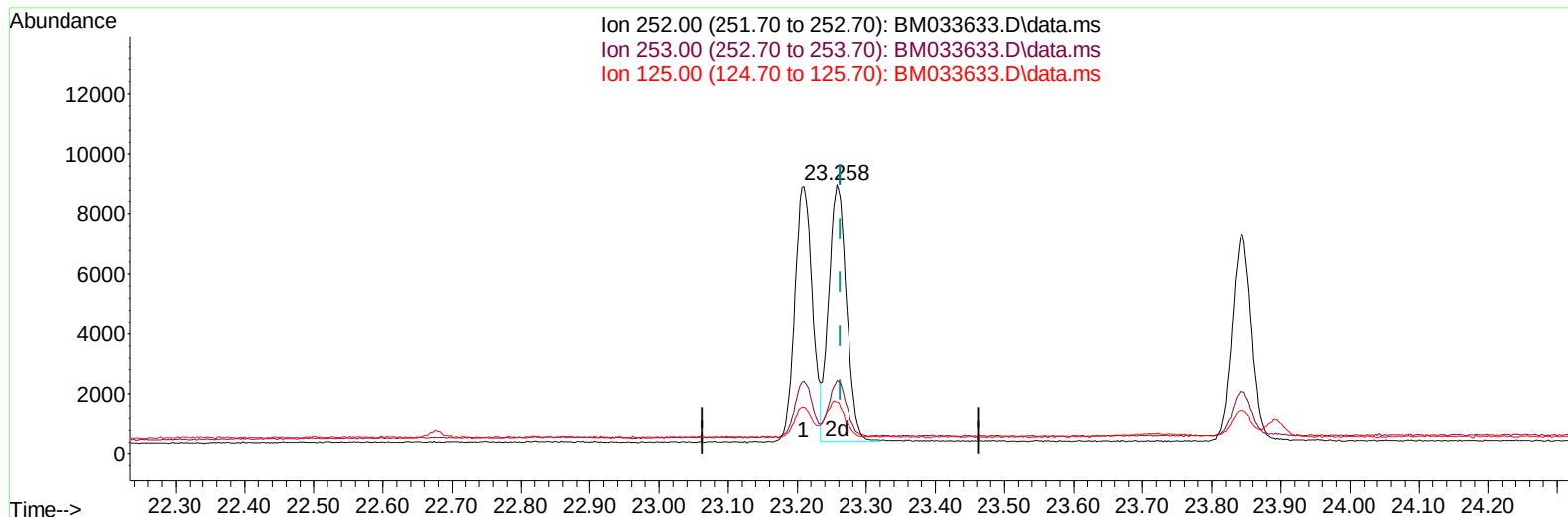
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 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_M  
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Manual IntegrationsAPPROVED

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TIC: BM033633.D\data.ms

(25) Benzo(k)fluoranthene

23.258min (-0.005) 0.41 ng/ul m

response 15246

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 33.50  | 27.28  |
| 125.00 | 15.00  | 19.21# |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM010422\  
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 Sample : PB141819BS  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SLCS819

## Manual IntegrationsAPPROVED

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 Supervised By :Yogesh Patel 01/06/2022

Quant Time: Jan 05 00:25:48 2022  
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| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.991  | 152  | 3980     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.805 | 136  | 13275    | 0.400 | ng/ul  | # 0.00   |
| 9) Acenaphthene-d10         | 14.625 | 164  | 6458     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.361 | 188  | 11410    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.523 | 240  | 8055     | 0.400 | ng/ul  | # 0.00   |
| 23) Perylene-d12            | 23.953 | 264  | 8716     | 0.400 | ng/ul  | 0.00     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.327  | 96   | 2987     | 0.705 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.393 | 152  | 6849     | 0.379 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.380 | 212  | 9944     | 0.399 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.365  | 88   | 8488     | 1.835 | ng/ul# | 73       |
| 5) Naphthalene              | 10.855 | 128  | 14342    | 0.373 | ng/ul# | 88       |
| 7) 2-Methylnaphthalene      | 12.465 | 142  | 9257     | 0.375 | ng/ul  | 100      |
| 8) 1-Methylnaphthalene      | 12.681 | 142  | 8773     | 0.362 | ng/ul  | 100      |
| 10) Acenaphthylene          | 14.344 | 152  | 11040    | 0.370 | ng/ul# | 90       |
| 11) Acenaphthene            | 14.690 | 153  | 9050     | 0.380 | ng/ul  | 95       |
| 12) Fluorene                | 15.668 | 166  | 10617m   | 0.373 | ng/ul  |          |
| 14) Pentachlorophenol       | 17.007 | 266  | 1948     | 0.433 | ng/ul  | 96       |
| 15) Phenanthrene            | 17.403 | 178  | 14414    | 0.390 | ng/ul  | 95       |
| 16) Anthracene              | 17.493 | 178  | 13024    | 0.384 | ng/ul# | 92       |
| 19) Fluoranthene            | 19.410 | 202  | 15326    | 0.406 | ng/ul  | 98       |
| 20) Pyrene                  | 19.769 | 202  | 15437    | 0.404 | ng/ul# | 92       |
| 21) Benzo(a)anthracene      | 21.506 | 228  | 13870    | 0.415 | ng/ul  | 98       |
| 22) Chrysene                | 21.560 | 228  | 14307    | 0.418 | ng/ul  | 97       |
| 24) Benzo(b)fluoranthene    | 23.209 | 252  | 15031    | 0.394 | ng/ul  | 91       |
| 25) Benzo(k)fluoranthene    | 23.258 | 252  | 15246m   | 0.407 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.844 | 252  | 13656    | 0.411 | ng/ul# | 86       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.487 | 276  | 17846    | 0.413 | ng/ul# | 77       |
| 28) Dibenzo(a,h)anthracene  | 26.509 | 278  | 14393    | 0.419 | ng/ul# | 91       |
| 29) Benzo(g,h,i)perylene    | 27.270 | 276  | 15087    | 0.406 | ng/ul# | 93       |
| -----                       |        |      |          |       |        |          |

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

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