

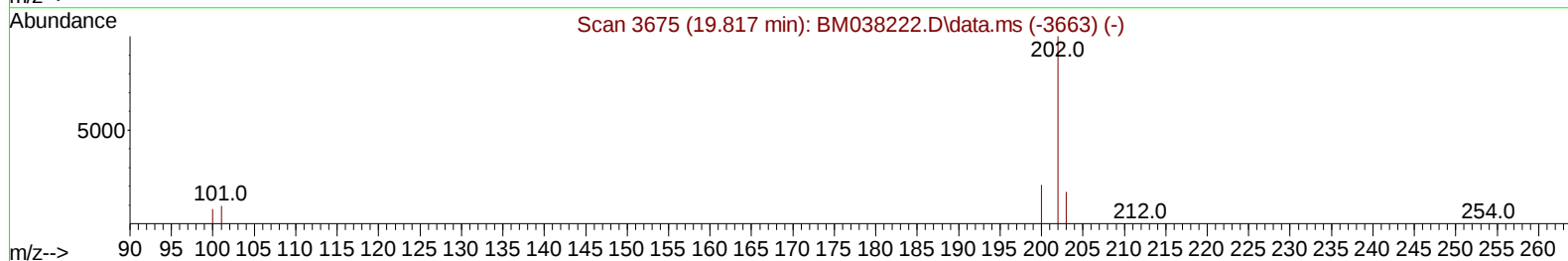
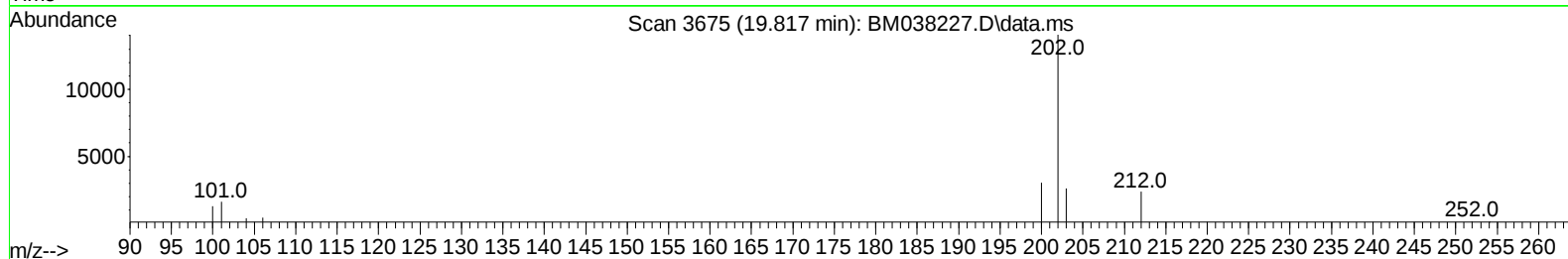
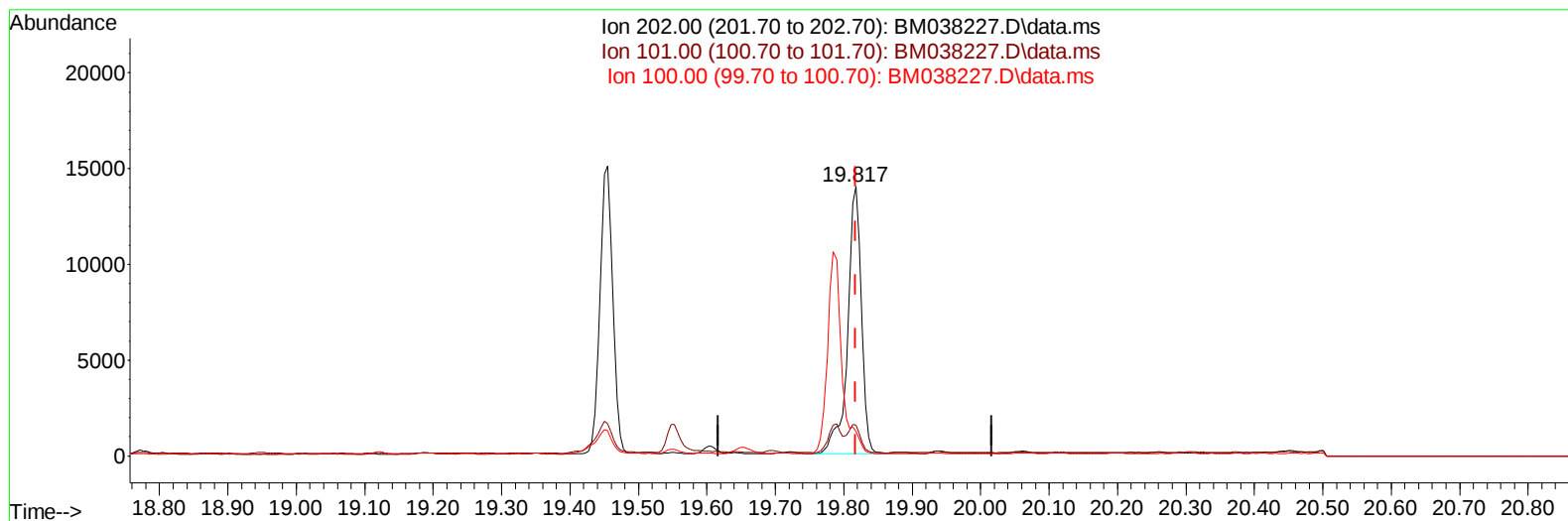
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM122222\  
Data File : BM038227.D  
Acq On : 23 Dec 2022 11:06  
Operator : CG/JU  
Sample : N6014-13  
Misc :  
ALS Vial : 34 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DBXS5

Manual IntegrationsAPPROVED

Quant Time: Dec 23 23:22:41 2022  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM122222.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Dec 22 23:36:45 2022  
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 12/24/2022  
Supervised By :Yogesh Patel 12/24/2022



TIC: BM038227.D\data.ms

(20) Pyrene

19.817min (+ 0.000) 0.33 ng/u1

response 19369

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 202.00 | 100.00 | 100.00 |
| 101.00 | 11.10  | 11.38  |
| 100.00 | 9.20   | 9.07   |
| 0.00   | 0.00   | 0.00   |

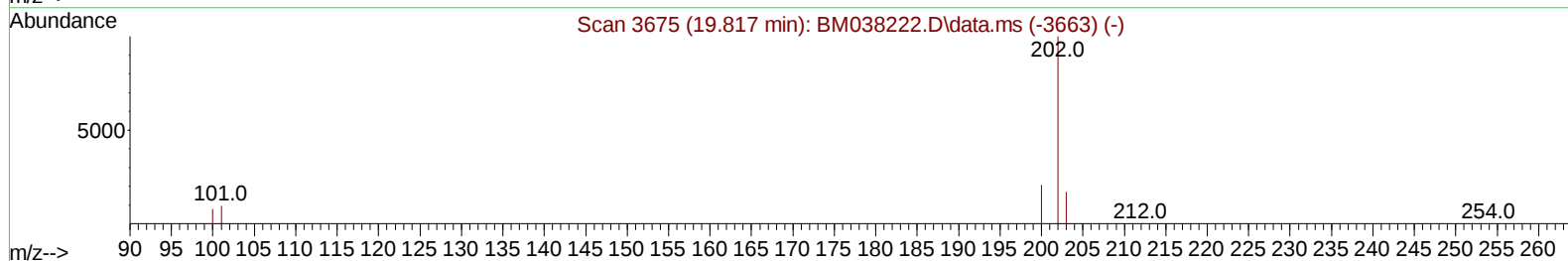
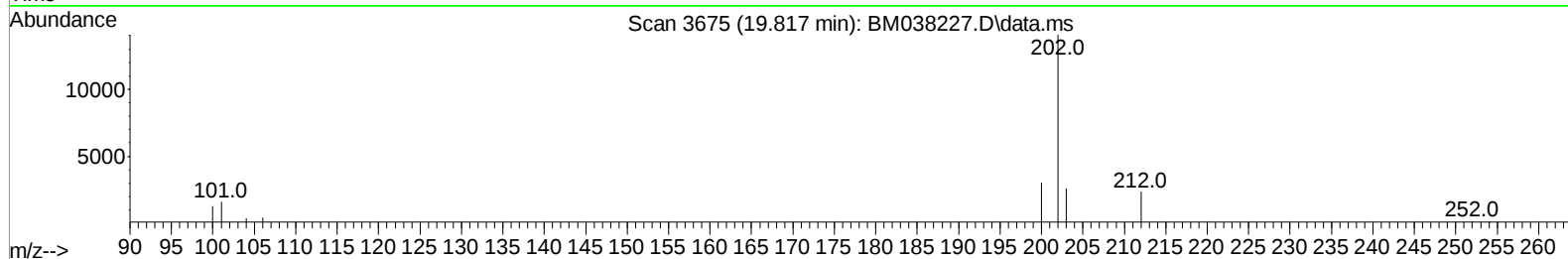
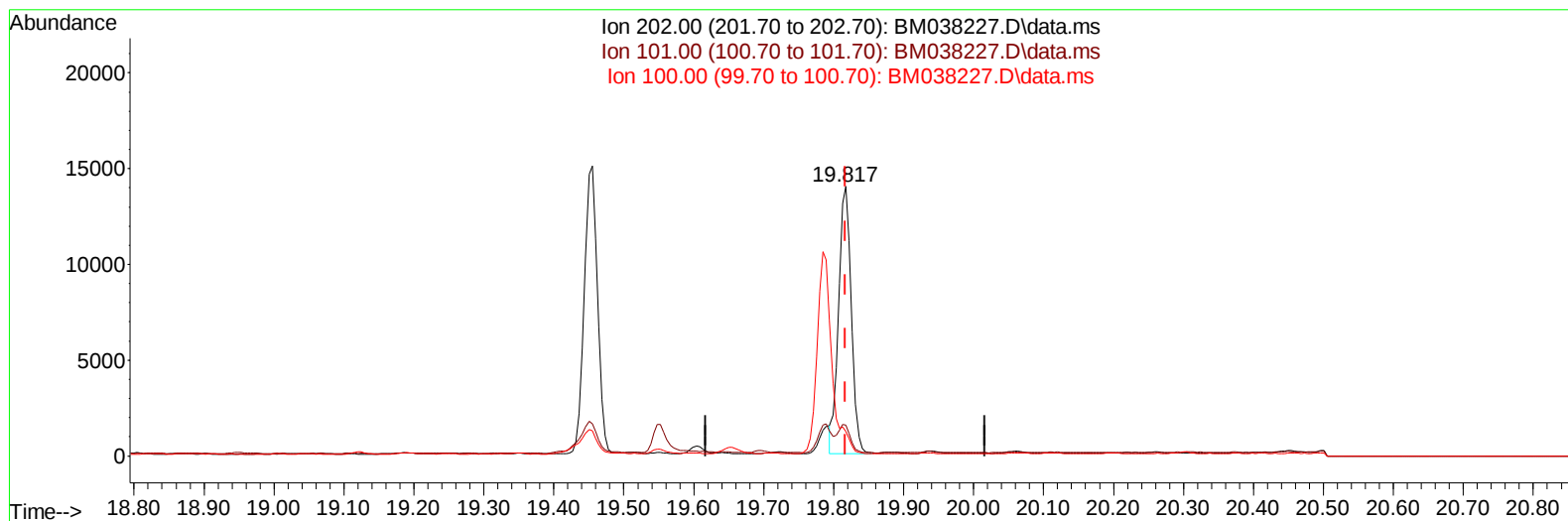
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TIC: BM038227.D\data.ms

(20) Pyrene

19.817min (+ 0.000) 0.30 ng/ul m

response 17778

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 202.00 | 100.00 | 100.00 |
| 101.00 | 11.10  | 11.38  |
| 100.00 | 9.20   | 9.07   |
| 0.00   | 0.00   | 0.00   |

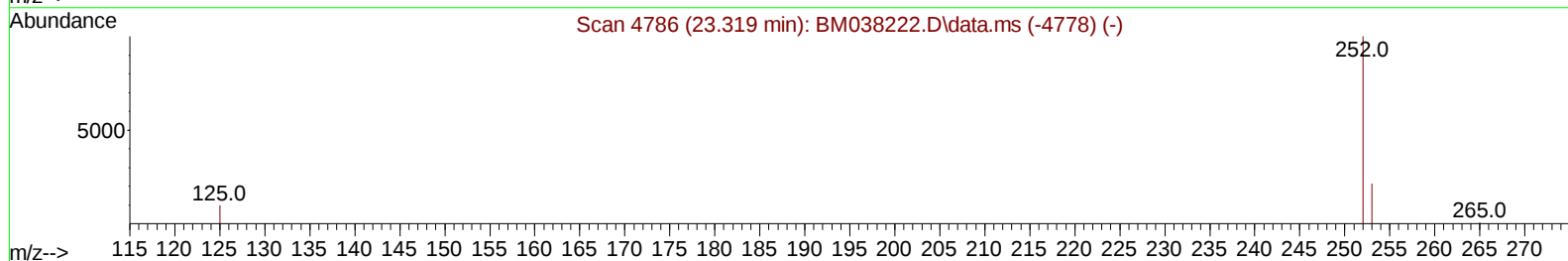
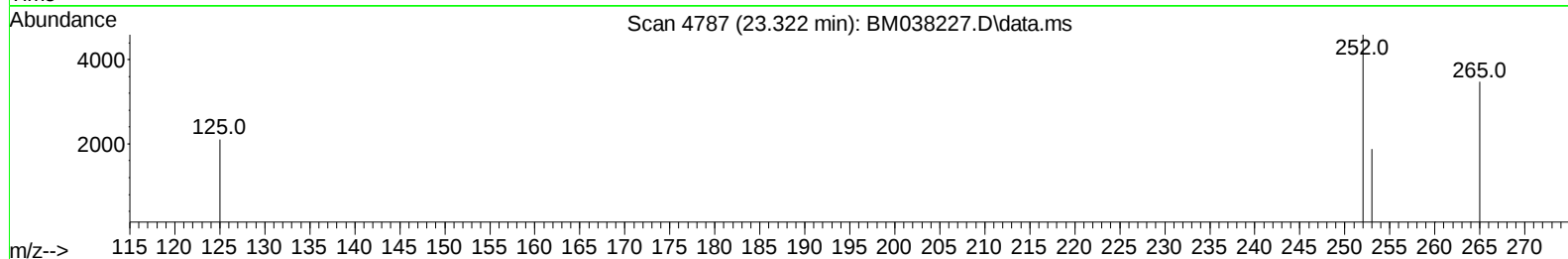
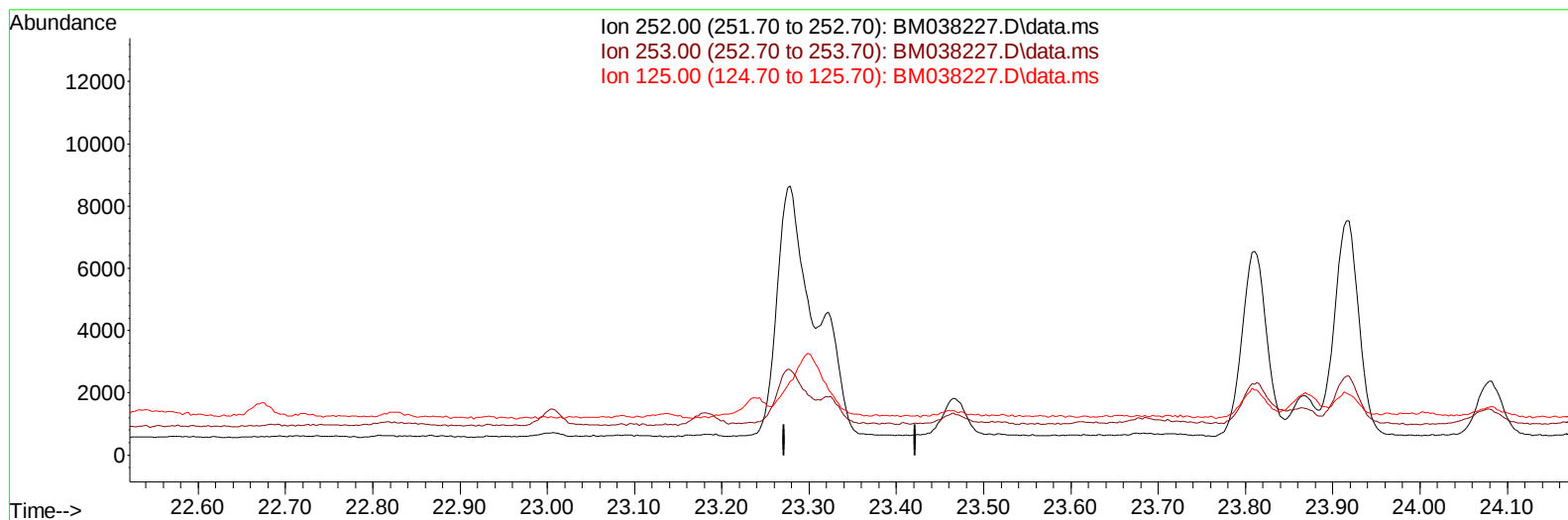
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 Data File : BM038227.D  
 Acq On : 23 Dec 2022 11:06  
 Operator : CG/JU  
 Sample : N6014-13  
 Misc :  
 ALS Vial : 34 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
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Manual IntegrationsAPPROVED

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TIC: BM038227.D\data.ms

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

23.322min (-23.322) 0.00 ng/u1

response 0

| Ion    | Exp%   | Act%  |
|--------|--------|-------|
| 252.00 | 100.00 | 0.00  |
| 253.00 | 28.10  | 0.00# |
| 125.00 | 18.00  | 0.00# |
| 0.00   | 0.00   | 0.00  |

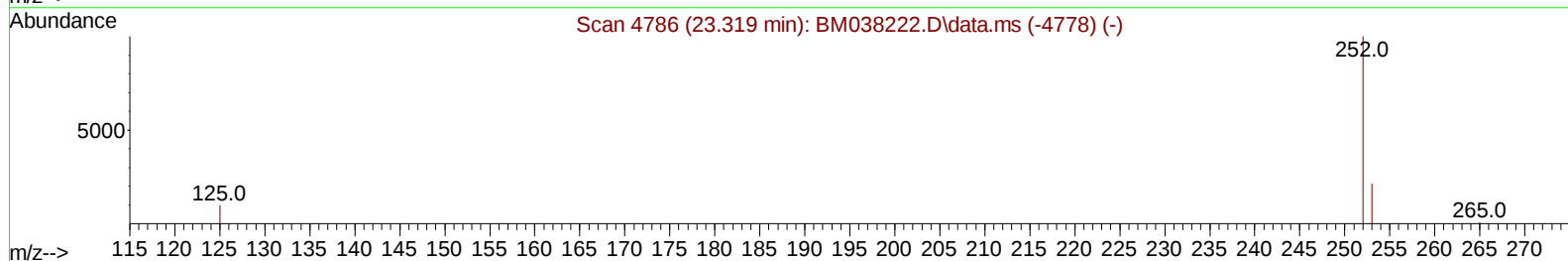
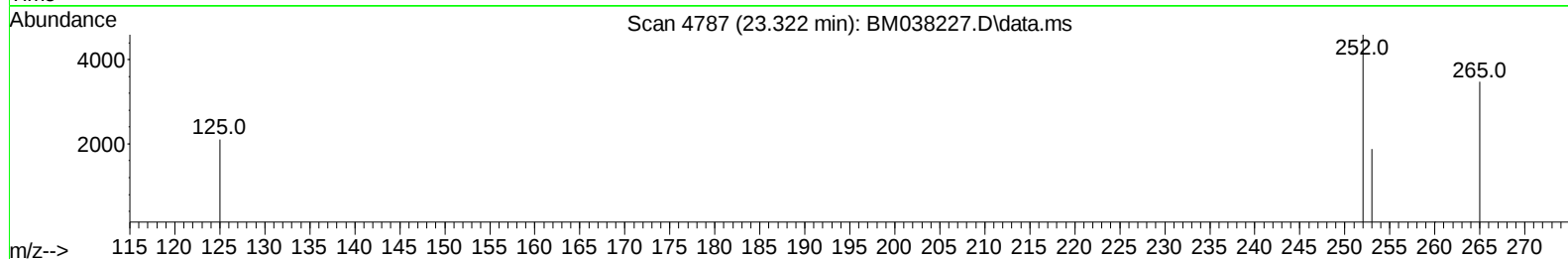
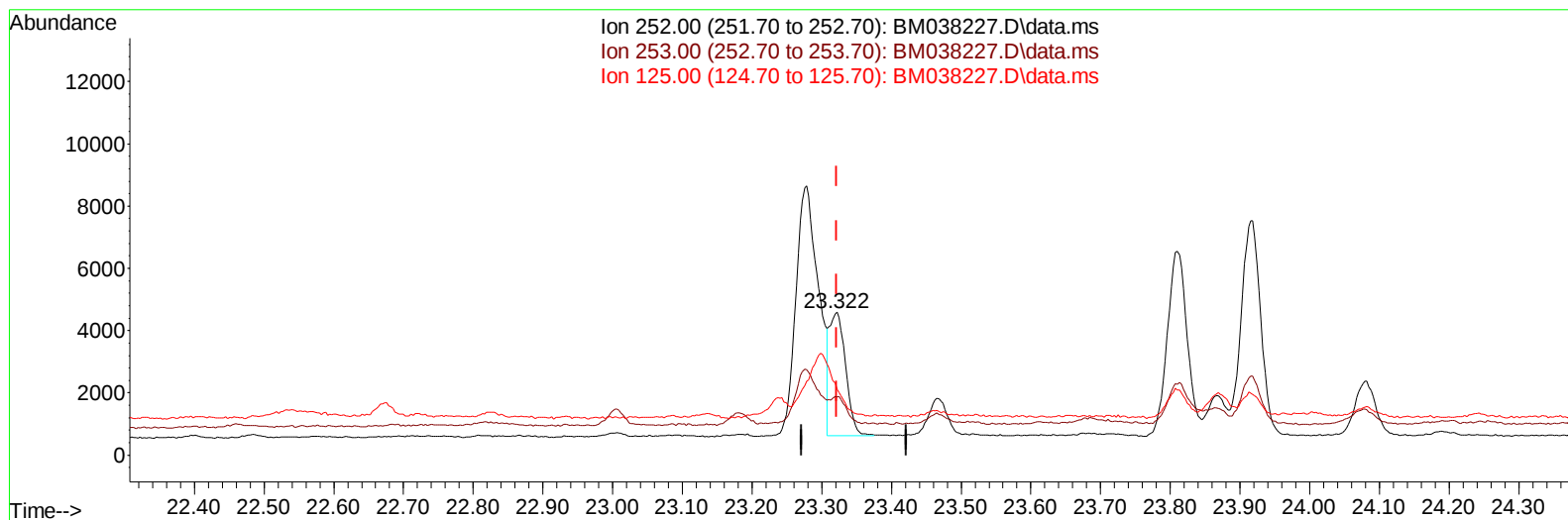
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 Misc :  
 ALS Vial : 34 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DBXS5

Manual IntegrationsAPPROVED

Quant Time: Dec 23 23:22:41 2022  
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TIC: BM038227.D\data.ms

(25) Benzo(k)fluoranthene

23.322min (+ 0.000) 0.14 ng/ul m

response 6370

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 28.10  | 40.76# |
| 125.00 | 18.00  | 45.93# |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM122222\  
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 Operator : CG/JU  
 Sample : N6014-13  
 Misc :  
 ALS Vial : 34 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DBXS5

## Manual IntegrationsAPPROVED

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 Supervised By :Yogesh Patel 12/24/2022

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| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.039  | 152  | 4966     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.851 | 136  | 15029    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.666 | 164  | 8298     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.405 | 188  | 16730    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.577 | 240  | 10561    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 24.024 | 264  | 10693    | 0.400 | ng/ul  | 0.00     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.398  | 96   | 16793    | 3.324 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.429 | 152  | 4618     | 0.209 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.422 | 212  | 8364     | 0.211 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 5) Naphthalene              | 10.900 | 128  | 926      | 0.021 | ng/ul# | 76       |
| 10) Acenaphthylene          | 14.389 | 152  | 1329     | 0.029 | ng/ul# | 74       |
| 14) Pentachlorophenol       | 17.059 | 266  | 212      | 0.025 | ng/ul  | 91       |
| 15) Phenanthrene            | 17.443 | 178  | 6614     | 0.118 | ng/ul  | 96       |
| 16) Anthracene              | 17.536 | 178  | 1602     | 0.030 | ng/ul# | 81       |
| 19) Fluoranthene            | 19.455 | 202  | 19605    | 0.339 | ng/ul# | 95       |
| 20) Pyrene                  | 19.817 | 202  | 17778m   | 0.304 | ng/ul  |          |
| 21) Benzo(a)anthracene      | 21.557 | 228  | 9765     | 0.211 | ng/ul  | 93       |
| 22) Chrysene                | 21.612 | 228  | 12437    | 0.276 | ng/ul  | 96       |
| 24) Benzo(b)fluoranthene    | 23.278 | 252  | 18158    | 0.384 | ng/ul  | 87       |
| 25) Benzo(k)fluoranthene    | 23.322 | 252  | 6370m    | 0.140 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.915 | 252  | 13524    | 0.327 | ng/ul# | 92       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.582 | 276  | 11037    | 0.193 | ng/ul# | 88       |
| 28) Dibenzo(a,h)anthracene  | 26.592 | 278  | 2976     | 0.067 | ng/ul# | 18       |
| 29) Benzo(g,h,i)perylene    | 27.380 | 276  | 13551    | 0.281 | ng/ul  | 95       |
| -----                       |        |      |          |       |        |          |

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

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