

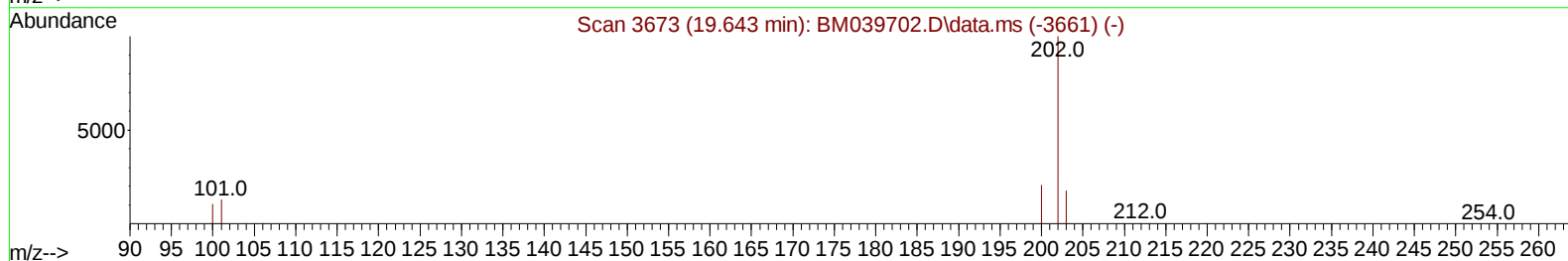
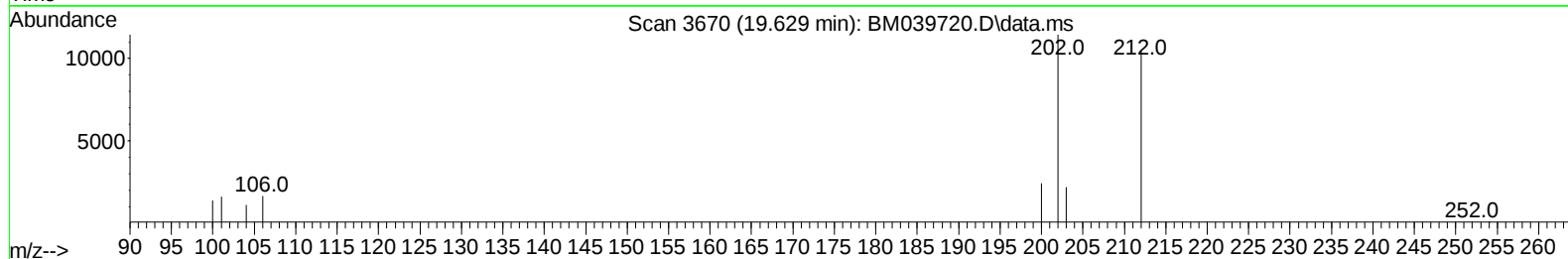
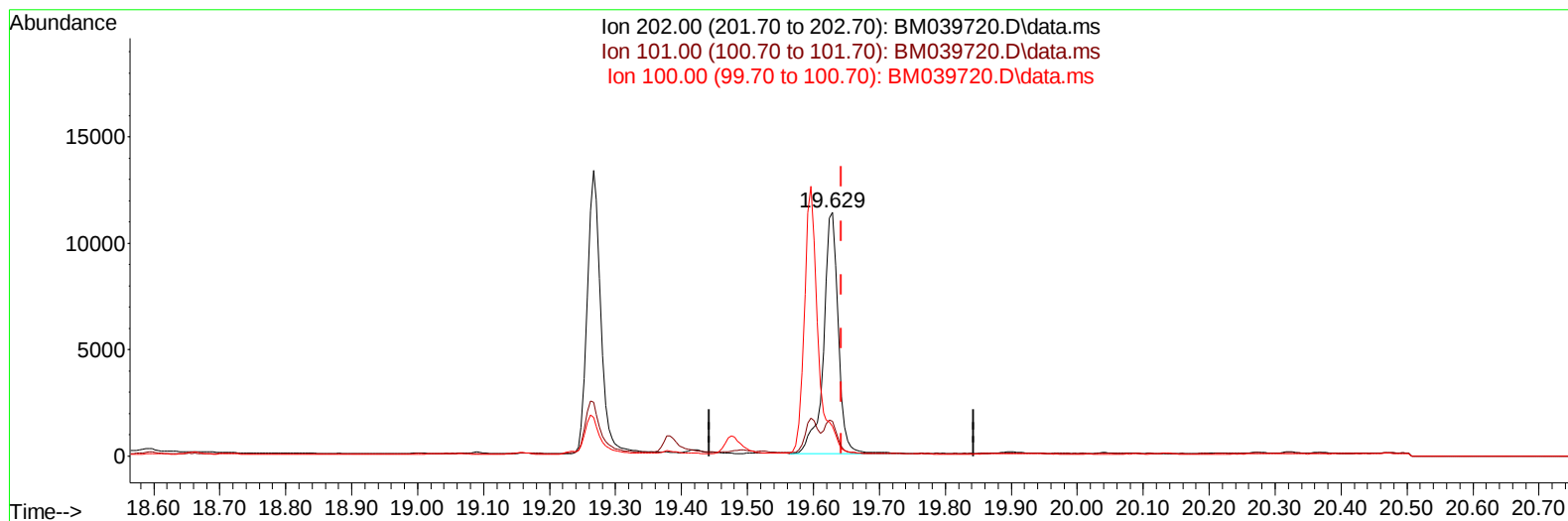
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM042723\  
 Data File : BM039720.D  
 Acq On : 27 Apr 2023 23:46  
 Operator : CG/JU  
 Sample : 02417-10  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 EW8X6

Manual IntegrationsAPPROVED

Quant Time: Apr 28 02:35:42 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 : Fri Apr 28 02:30:02 2023  
 Response via : Initial Calibration

Reviewed By :Christian Giraldo 04/28/2023  
 Supervised By :Jagrut Upadhyay 04/28/2023



TIC: BM039720.D\data.ms

(20) Pyrene

19.629min (-0.014) 0.31 ng/u1

response 17581

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 202.00 | 100.00 | 100.00 |
| 101.00 | 13.60  | 14.23  |
| 100.00 | 11.10  | 12.03  |
| 0.00   | 0.00   | 0.00   |

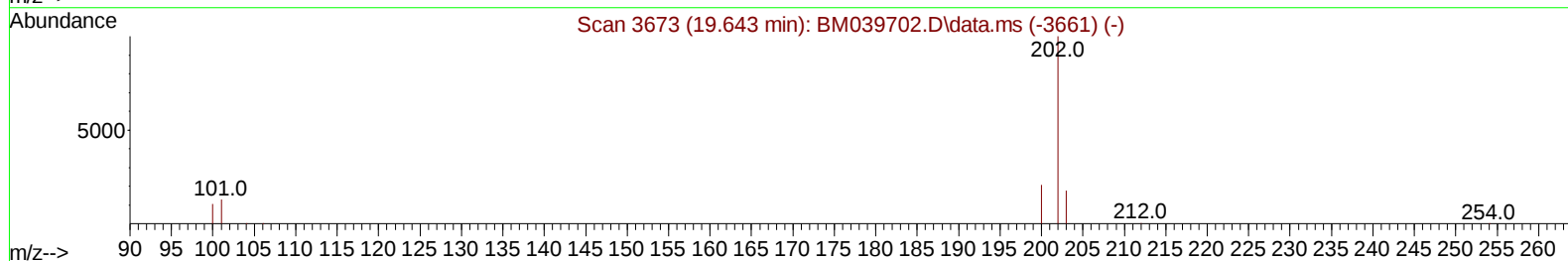
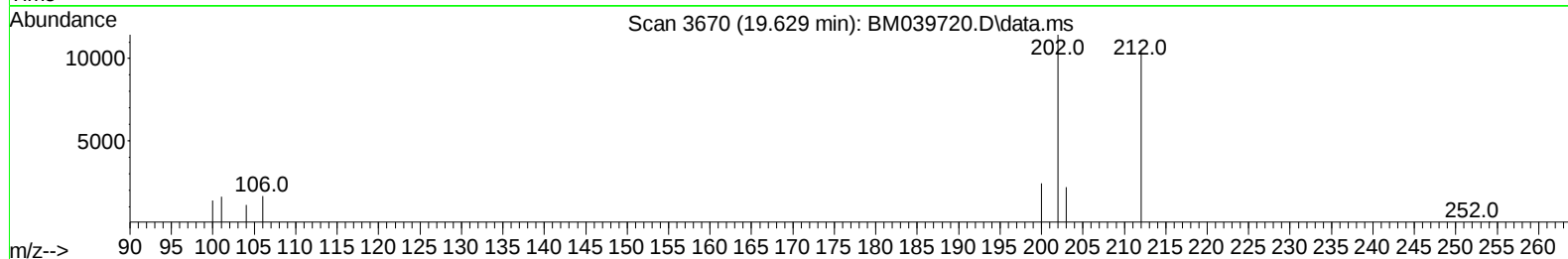
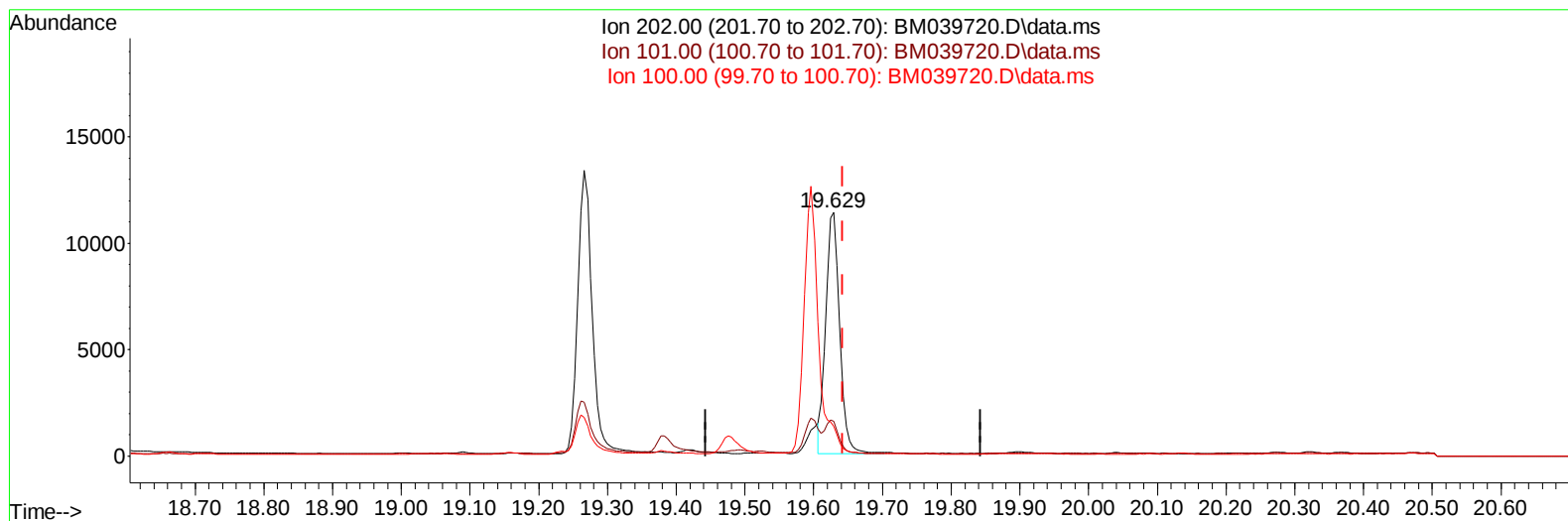
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Instrument :  
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ClientSampleId :  
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Manual IntegrationsAPPROVED

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TIC: BM039720.D\data.ms

(20) Pyrene

19.629min (-0.014) 0.28 ng/ul m

response 16146

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 202.00 | 100.00 | 100.00 |
| 101.00 | 13.60  | 14.23  |
| 100.00 | 11.10  | 12.03  |
| 0.00   | 0.00   | 0.00   |

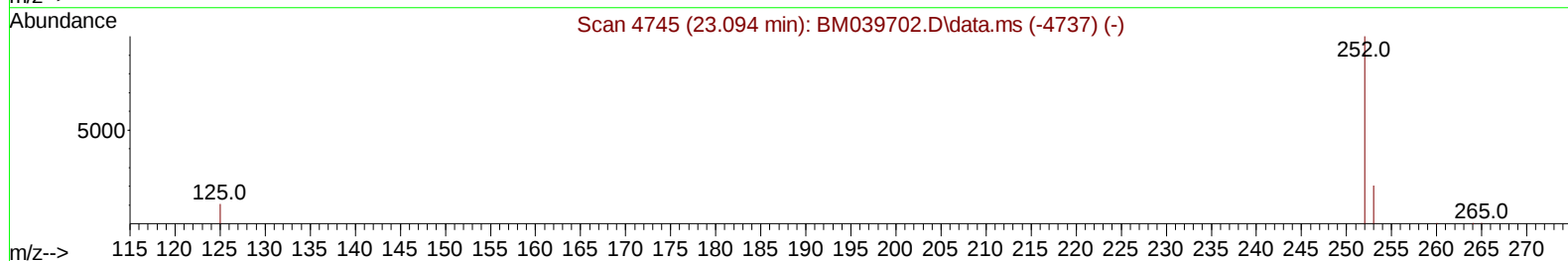
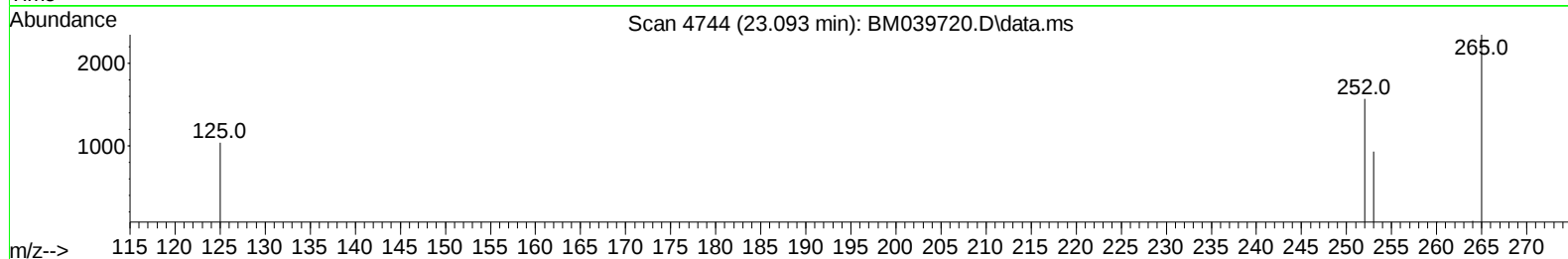
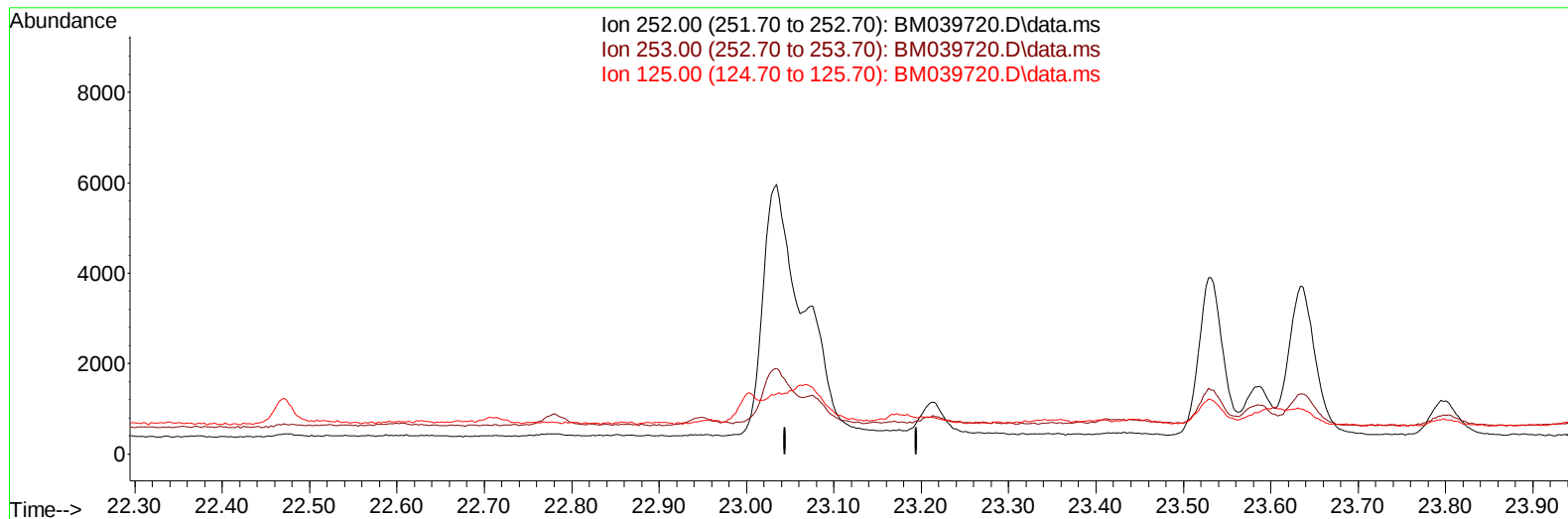
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM042723\  
 Data File : BM039720.D  
 Acq On : 27 Apr 2023 23:46  
 Operator : CG/JU  
 Sample : 02417-10  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 EW8X6

Manual IntegrationsAPPROVED

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TIC: BM039720.D\data.ms

(25) Benzo(k)fluoranthene

23.094min (-23.094) 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  |

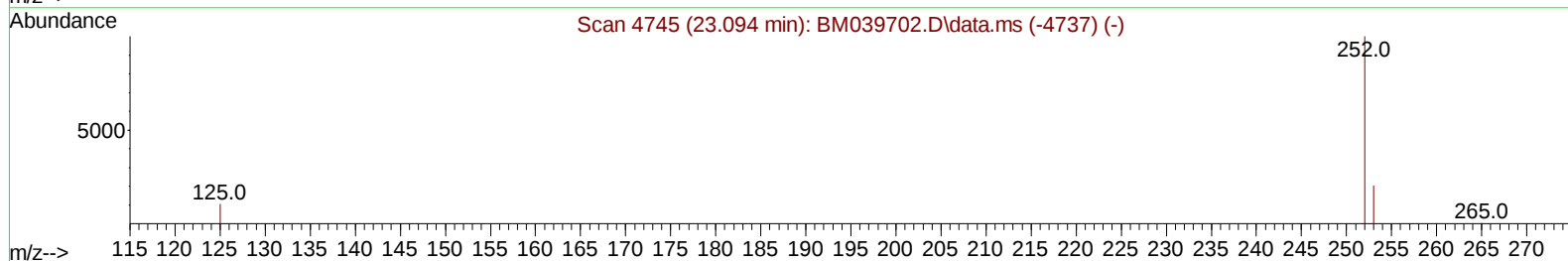
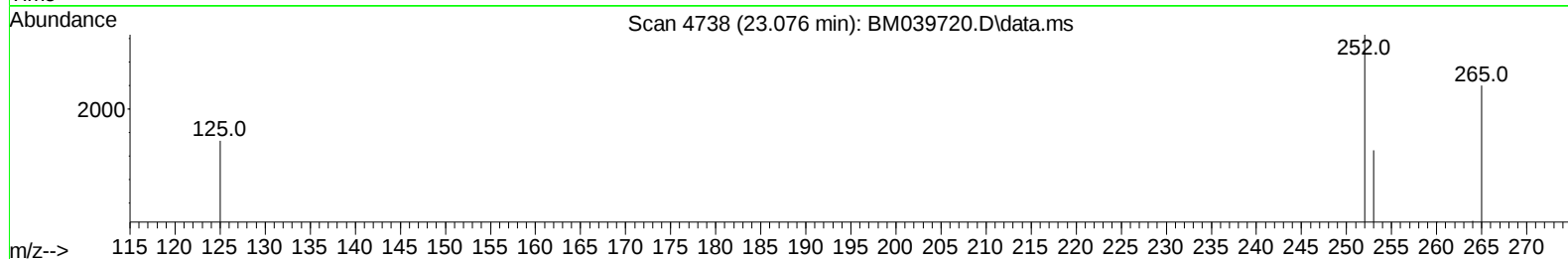
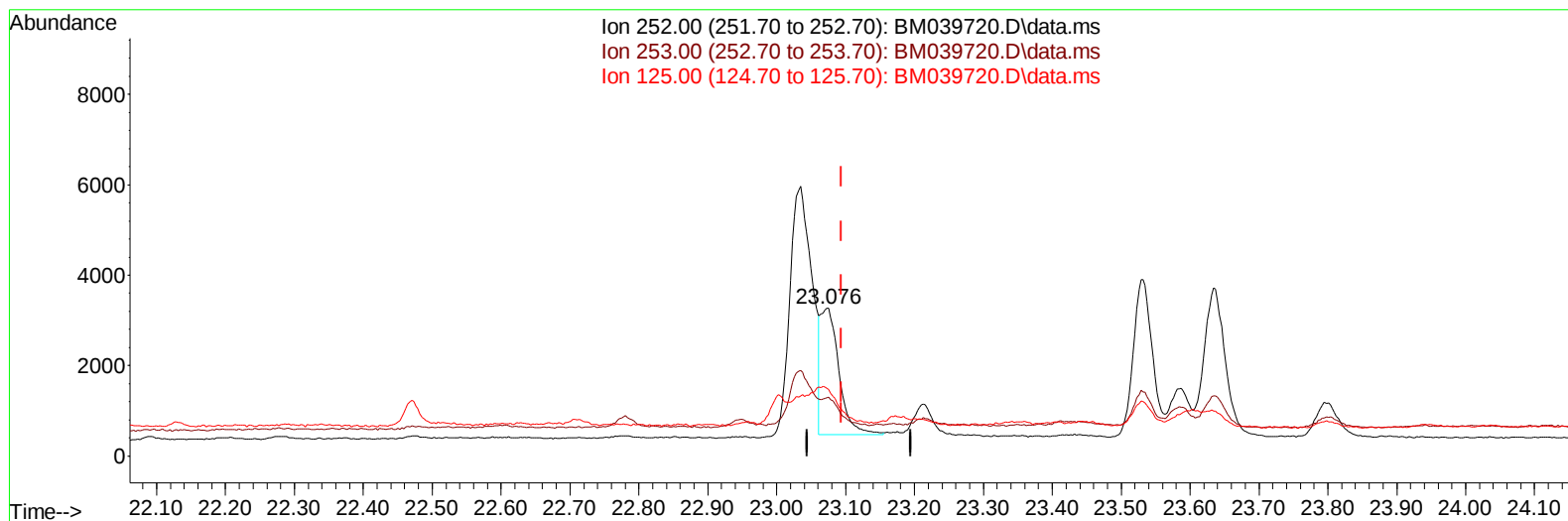
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Sample : 02417-10  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
EW8X6

## Manual IntegrationsAPPROVED

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## (25) Benzo(k)fluoranthene

23.076min (-0.019) 0.12 ng/u1 m

response 5102

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 26.60  | 39.87# |
| 125.00 | 16.30  | 44.83# |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM042723\  
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 Operator : CG/JU  
 Sample : 02417-10  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 EW8X6

## Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 04/28/2023  
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| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.800  | 152  | 4116     | 0.400 | ng/ul  | -0.03    |
| 4) Naphthalene-d8           | 10.595 | 136  | 15042    | 0.400 | ng/ul  | -0.02    |
| 9) Acenaphthene-d10         | 14.451 | 164  | 8588     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.204 | 188  | 18980    | 0.400 | ng/ul  | -0.01    |
| 17) Chrysene-d12            | 21.398 | 240  | 14818    | 0.400 | ng/ul  | -0.01    |
| 23) Perylene-d12            | 23.742 | 264  | 12353    | 0.400 | ng/ul  | #-0.02   |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.188  | 96   | 17535    | 2.891 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.212 | 152  | 3957     | 0.205 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.238 | 212  | 9816     | 0.246 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 5) Naphthalene              | 10.650 | 128  | 1021     | 0.027 | ng/ul# | 74       |
| 7) 2-Methylnaphthalene      | 12.283 | 142  | 677      | 0.031 | ng/ul  | 94       |
| 8) 1-Methylnaphthalene      | 12.498 | 142  | 562      | 0.024 | ng/ul  | 99       |
| 10) Acenaphthylene          | 14.173 | 152  | 690      | 0.021 | ng/ul# | 57       |
| 15) Phenanthrene            | 17.242 | 178  | 6465     | 0.129 | ng/ul  | 96       |
| 16) Anthracene              | 17.335 | 178  | 1346     | 0.031 | ng/ul# | 72       |
| 19) Fluoranthene            | 19.266 | 202  | 19199    | 0.363 | ng/ul# | 85       |
| 20) Pyrene                  | 19.629 | 202  | 16146m   | 0.283 | ng/ul  |          |
| 21) Benzo(a)anthracene      | 21.383 | 228  | 8619     | 0.202 | ng/ul  | 95       |
| 22) Chrysene                | 21.436 | 228  | 9052     | 0.188 | ng/ul  | 97       |
| 24) Benzo(b)fluoranthene    | 23.035 | 252  | 12476    | 0.288 | ng/ul  | 88       |
| 25) Benzo(k)fluoranthene    | 23.076 | 252  | 5102m    | 0.116 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.634 | 252  | 7050     | 0.181 | ng/ul# | 90       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.182 | 276  | 5376     | 0.109 | ng/ul# | 94       |
| 28) Dibenzo(a,h)anthracene  | 26.182 | 278  | 1240     | 0.032 | ng/ul# | 11       |
| 29) Benzo(g,h,i)perylene    | 26.927 | 276  | 4884     | 0.114 | ng/ul# | 87       |
| -----                       |        |      |          |       |        |          |

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

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