

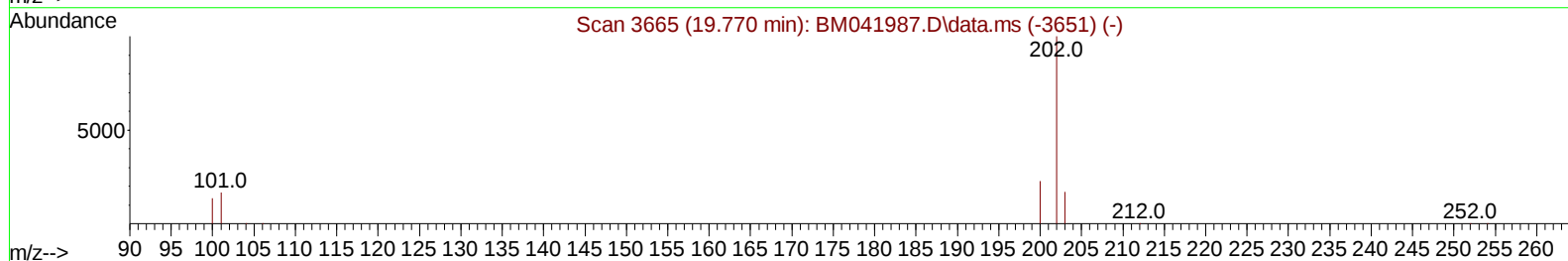
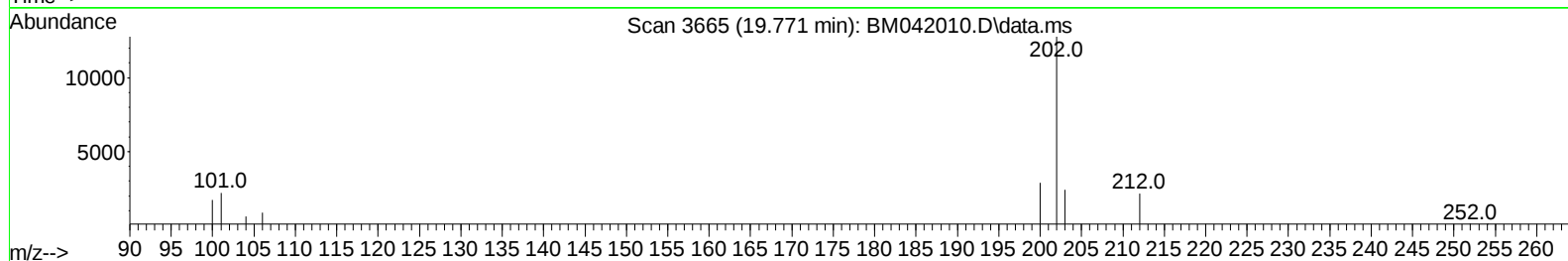
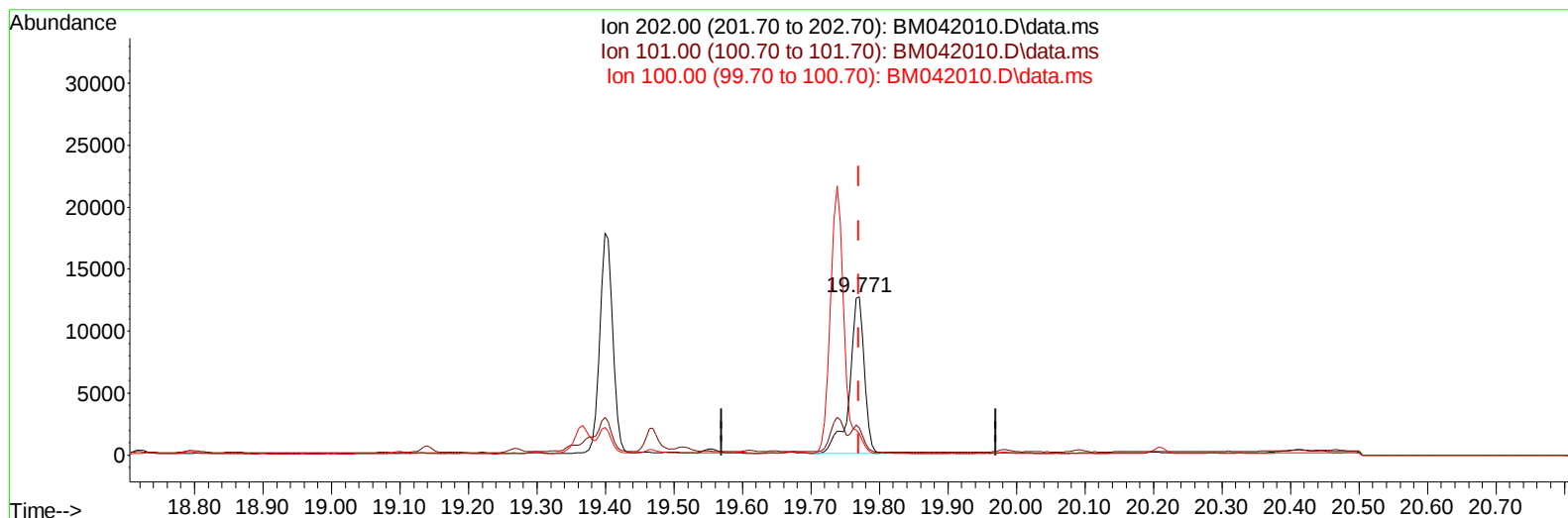
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM092223\  
 Data File : BM042010.D  
 Acq On : 23 Sep 2023 05:49  
 Operator : MA/JU  
 Sample : 04386-09  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0AC9

Manual IntegrationsAPPROVED

Quant Time: Sep 25 01:03:30 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM092223.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Sep 22 13:50:58 2023  
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 09/25/2023  
 Supervised By :mohammad ahmed 09/26/2023



TIC: BM042010.D\data.ms

(20) Pyrene

19.771min (+ 0.000) 0.28 ng/u1

response 18959

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 202.00 | 100.00 | 100.00 |
| 101.00 | 17.60  | 17.23  |
| 100.00 | 14.20  | 13.44  |
| 0.00   | 0.00   | 0.00   |

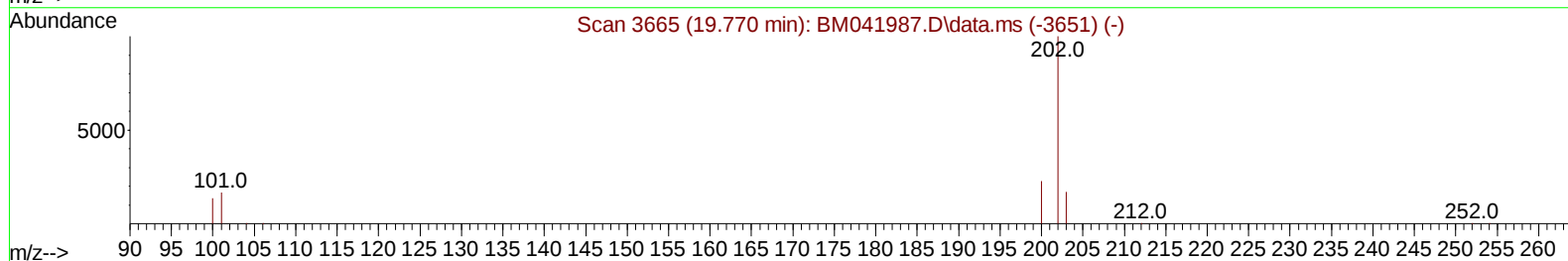
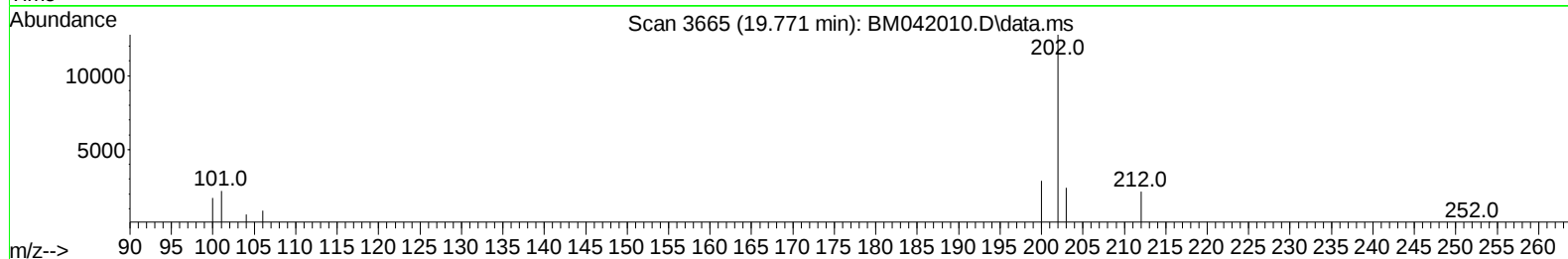
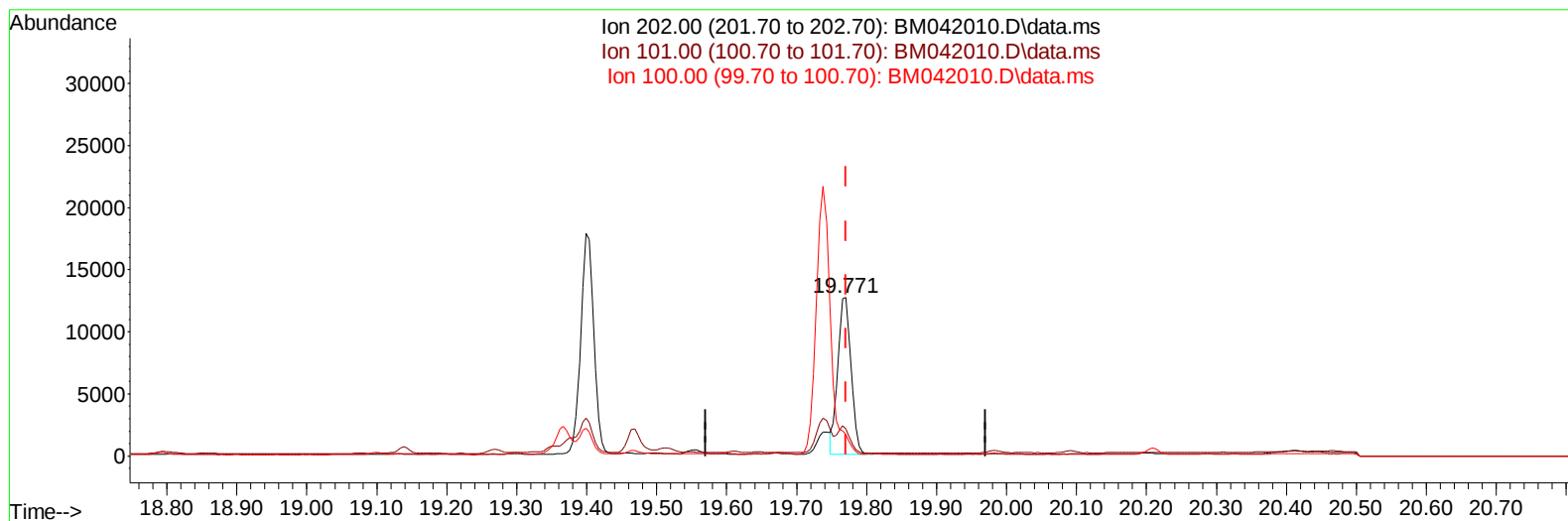
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TIC: BM042010.D\data.ms

(20) Pyrene

19.771min (+ 0.000) 0.25 ng/ul m

response 16751

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 202.00 | 100.00 | 100.00 |
| 101.00 | 17.60  | 17.23  |
| 100.00 | 14.20  | 13.44  |
| 0.00   | 0.00   | 0.00   |

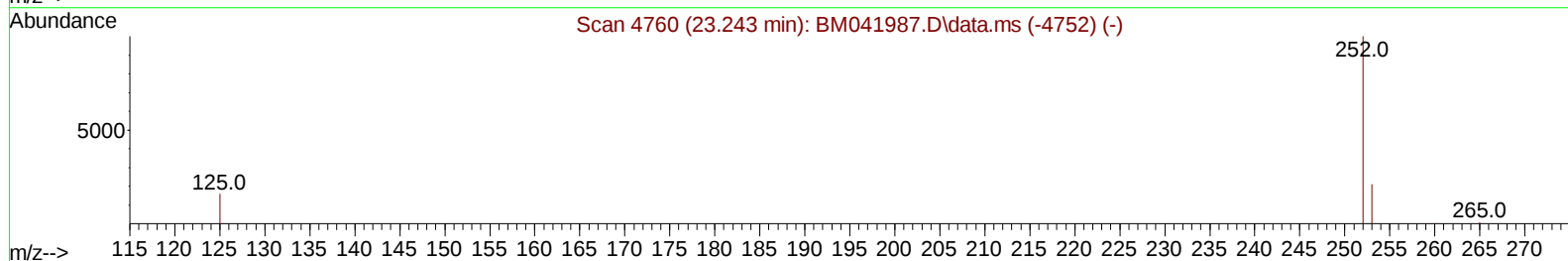
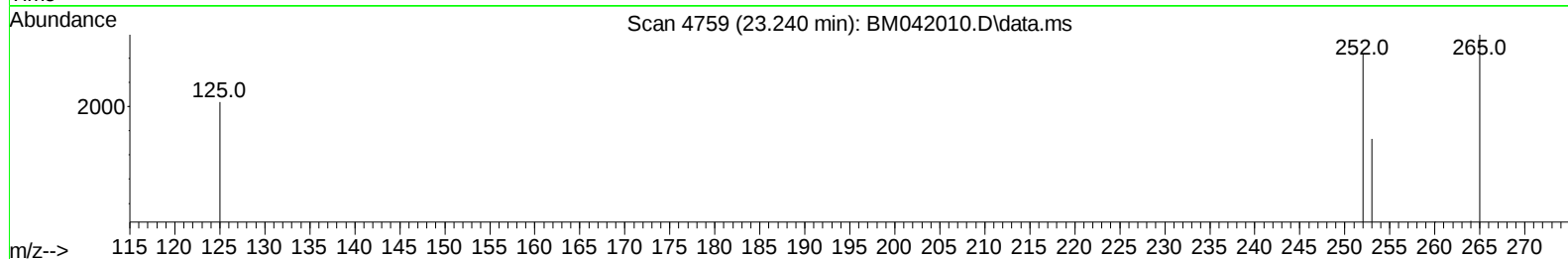
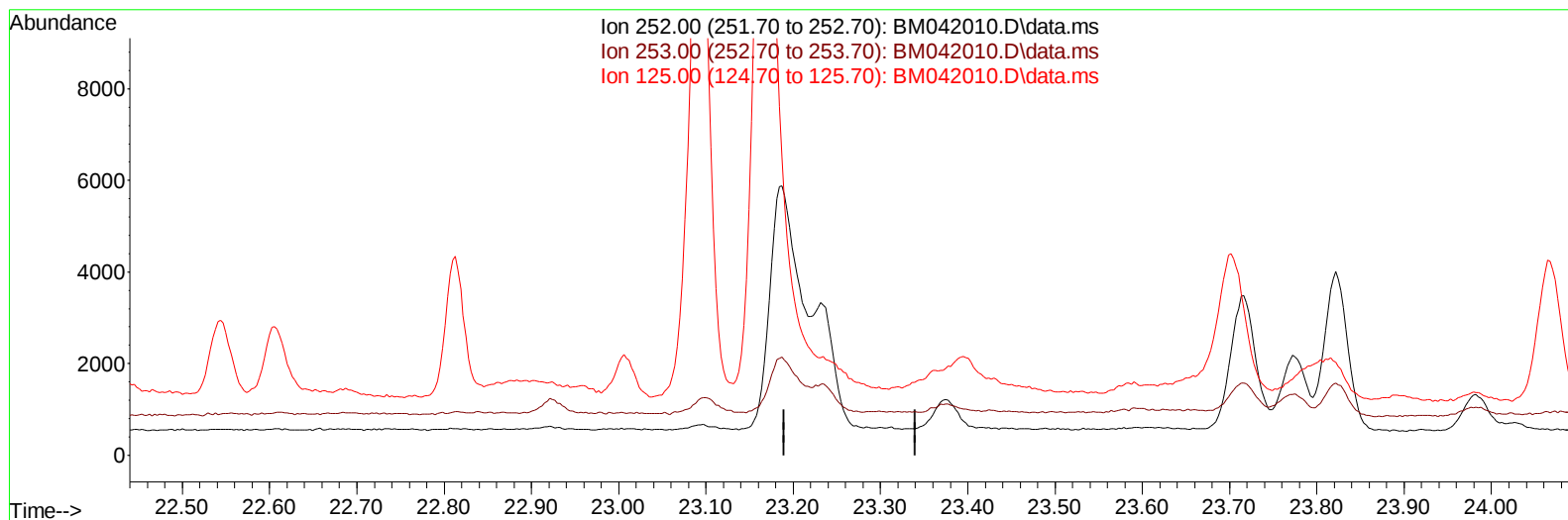
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Data File : BM042010.D  
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Operator : MA/JU  
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ALS Vial : 27 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C0AC9

Manual IntegrationsAPPROVED

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TIC: BM042010.D\data.ms

(25) Benzo(k)fluoranthene

23.240min (-23.240) 0.00 ng/u1

response 0

| Ion    | Exp%   | Act%  |
|--------|--------|-------|
| 252.00 | 100.00 | 0.00  |
| 253.00 | 26.30  | 0.00# |
| 125.00 | 23.80  | 0.00# |
| 0.00   | 0.00   | 0.00  |

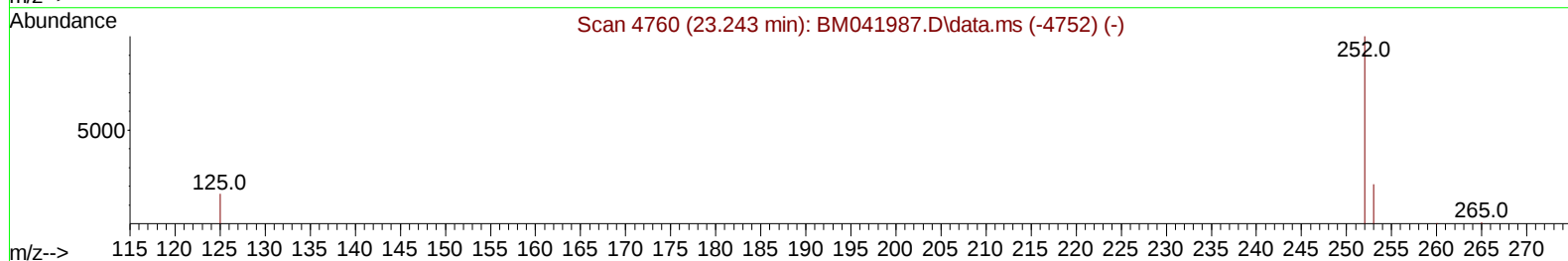
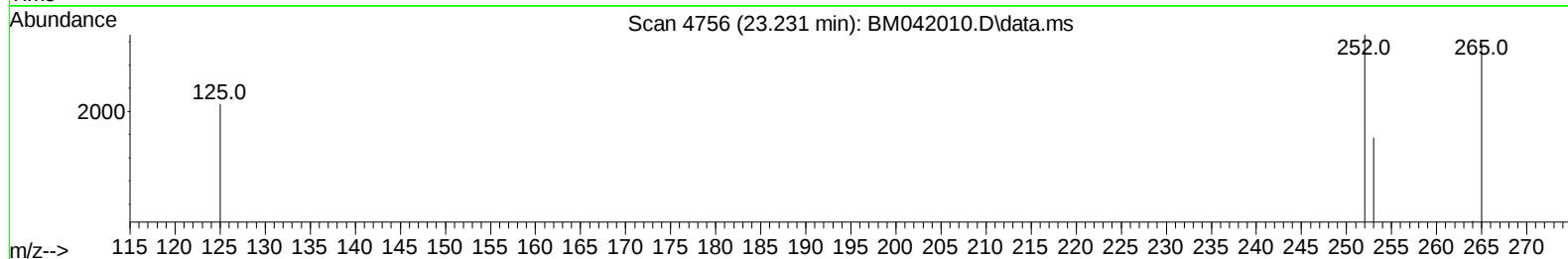
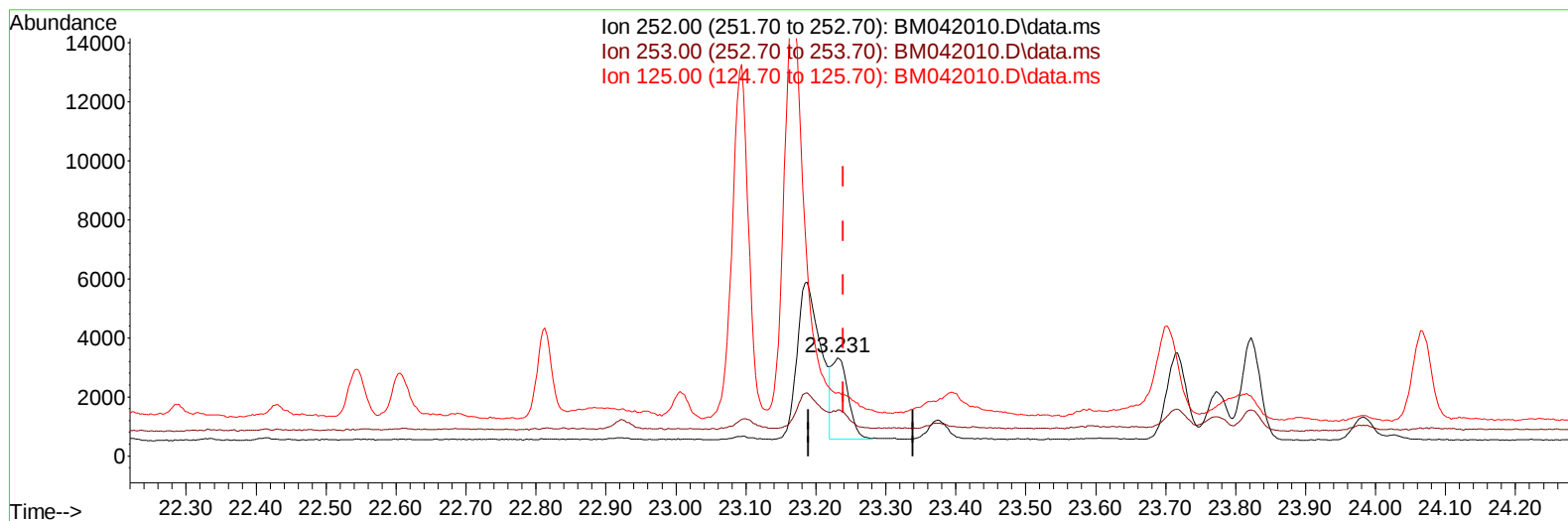
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 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
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 ClientSampleId :  
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Manual IntegrationsAPPROVED

Quant Time: Sep 25 01:03:30 2023  
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TIC: BM042010.D\data.ms

(25) Benzo(k)fluoranthene

23.231min (-0.009) 0.10 ng/u1 m

response 4469

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 26.30  | 46.68# |
| 125.00 | 23.80  | 64.15# |
| 0.00   | 0.00   | 0.00   |

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 Operator : MA/JU  
 Sample : 04386-09  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0AC9

## Manual IntegrationsAPPROVED

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 Supervised By :mohammad ahmed 09/26/2023

Quant Time: Sep 25 01:03:30 2023  
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| Compound                    | R.T.   | Q   | Ion | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|-----|-----|----------|-------|--------|----------|
| -----                       |        |     |     |          |       |        |          |
| Internal Standards          |        |     |     |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.954  | 152 |     | 6203     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.768 | 136 |     | 15754    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.597 | 164 |     | 6846     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.350 | 188 |     | 14101    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.521 | 240 |     | 6117     | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.930 | 264 |     | 6122     | 0.400 | ng/ul  | 0.00     |
| System Monitoring Compounds |        |     |     |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.368  | 96  |     | 48563    | 5.745 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.346 | 152 |     | 7195     | 0.365 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.371 | 212 |     | 9473     | 0.376 | ng/ul  | 0.00     |
| Target Compounds            |        |     |     |          |       |        |          |
|                             |        |     |     |          |       | Qvalue |          |
| 5) Naphthalene              | 10.818 | 128 |     | 1943     | 0.037 | ng/ul# | 83       |
| 7) 2-Methylnaphthalene      | 12.423 | 142 |     | 1664     | 0.053 | ng/ul  | 100      |
| 8) 1-Methylnaphthalene      | 12.643 | 142 |     | 1381     | 0.043 | ng/ul  | 99       |
| 10) Acenaphthylene          | 14.324 | 152 |     | 950      | 0.021 | ng/ul# | 66       |
| 15) Phenanthrene            | 17.392 | 178 |     | 10237    | 0.157 | ng/ul  | 97       |
| 19) Fluoranthene            | 19.399 | 202 |     | 23471    | 0.339 | ng/ul  | 95       |
| 20) Pyrene                  | 19.771 | 202 |     | 16751m   | 0.246 | ng/ul  |          |
| 21) Benzo(a)anthracene      | 21.501 | 228 |     | 6871     | 0.148 | ng/ul  | 95       |
| 22) Chrysene                | 21.556 | 228 |     | 8695     | 0.181 | ng/ul# | 96       |
| 24) Benzo(b)fluoranthene    | 23.187 | 252 |     | 12376    | 0.263 | ng/ul# | 8        |
| 25) Benzo(k)fluoranthene    | 23.231 | 252 |     | 4469m    | 0.098 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.822 | 252 |     | 6402     | 0.165 | ng/ul# | 69       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.421 | 276 |     | 6821     | 0.128 | ng/ul# | 35       |
| 29) Benzo(g,h,i)perylene    | 27.202 | 276 |     | 6469     | 0.145 | ng/ul# | 54       |
| -----                       |        |     |     |          |       |        |          |

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

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