

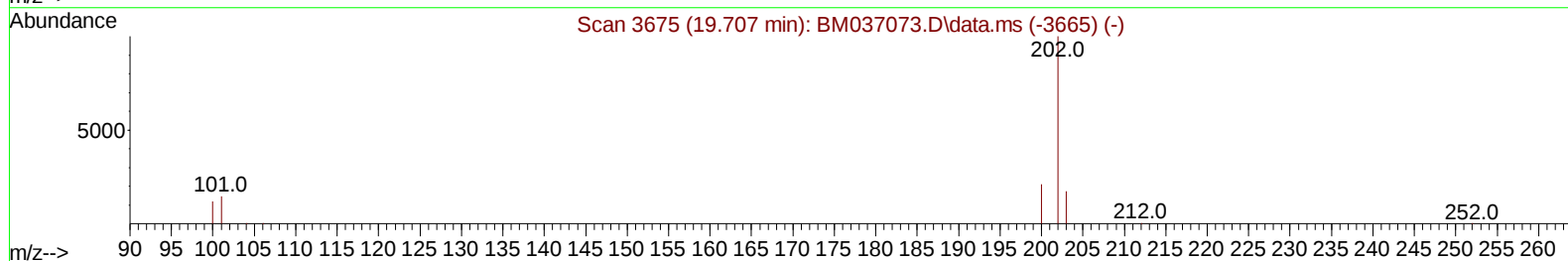
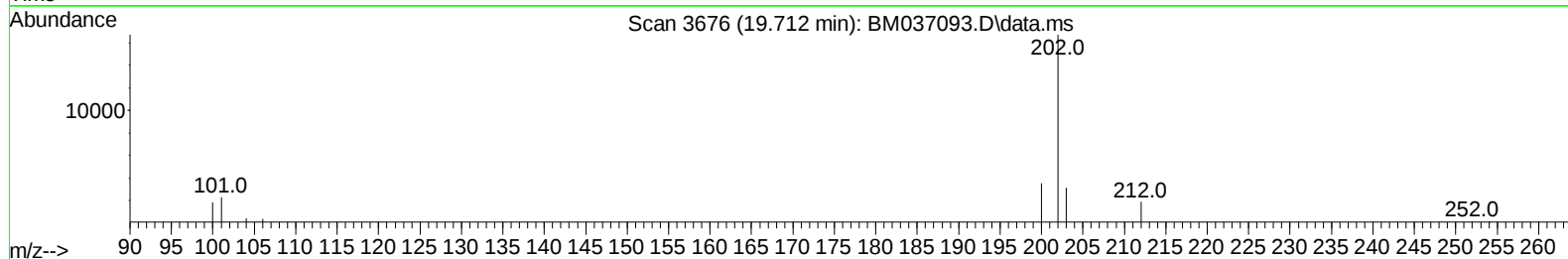
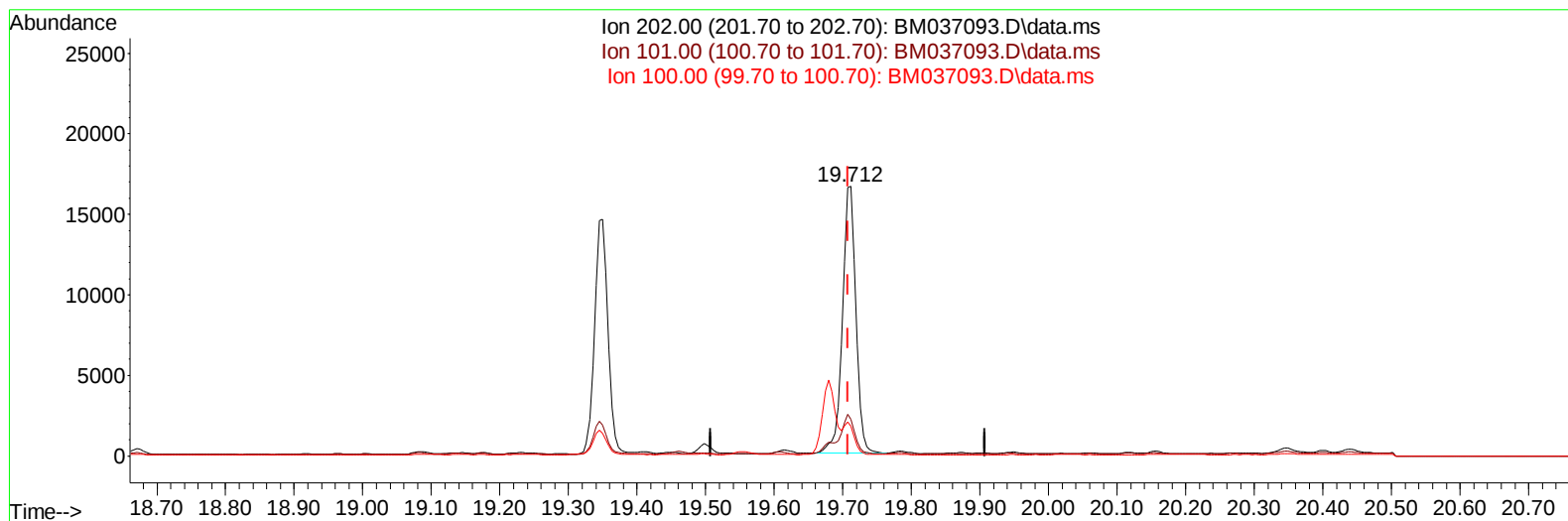
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM101322\  
 Data File : BM037093.D  
 Acq On : 15 Oct 2022 15:47  
 Operator : CG/JU  
 Sample : N5049-09DL 5X  
 Misc :  
 ALS Vial : 91 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0BM0DL

Manual IntegrationsAPPROVED

Quant Time: Oct 17 00:56:13 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM100622.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Oct 15 04:13:53 2022  
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 10/17/2022  
 Supervised By :mohammad ahmed 10/18/2022



TIC: BM037093.D\data.ms

(20) Pyrene

19.712min (+ 0.004) 0.38 ng/u1

response 22636

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 202.00 | 100.00 | 100.00 |
| 101.00 | 15.00  | 13.65  |
| 100.00 | 12.20  | 10.93  |
| 0.00   | 0.00   | 0.00   |

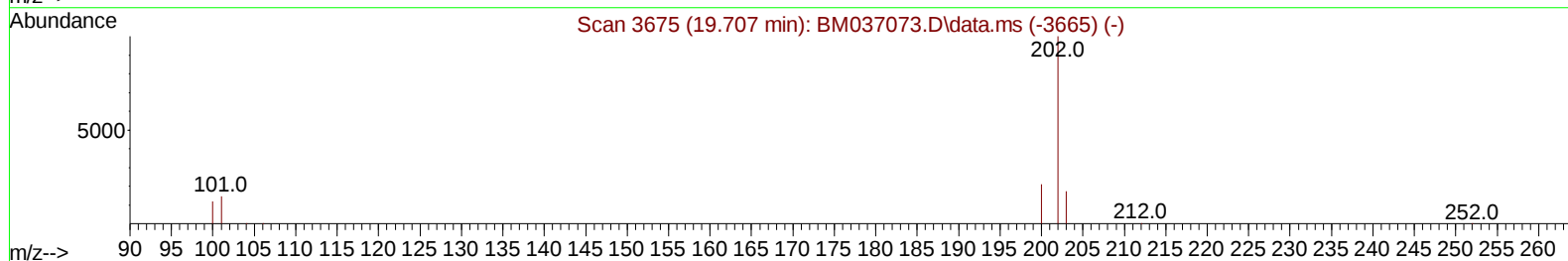
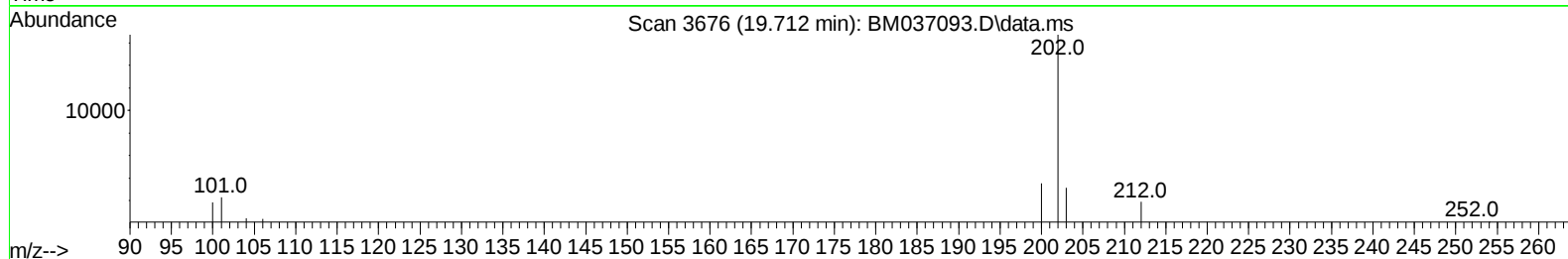
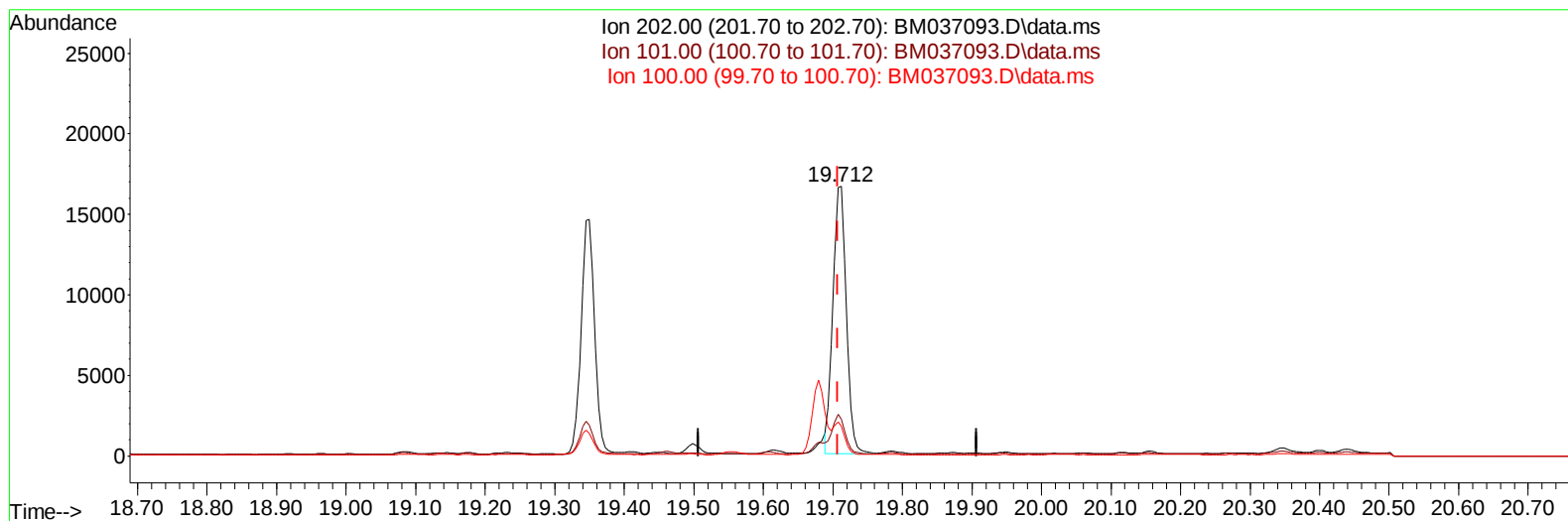
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C0BM0DL

Manual IntegrationsAPPROVED

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TIC: BM037093.D\data.ms

(20) Pyrene

19.712min (+ 0.004) 0.37 ng/ul m

response 21953

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 202.00 | 100.00 | 100.00 |
| 101.00 | 15.00  | 13.65  |
| 100.00 | 12.20  | 10.93  |
| 0.00   | 0.00   | 0.00   |

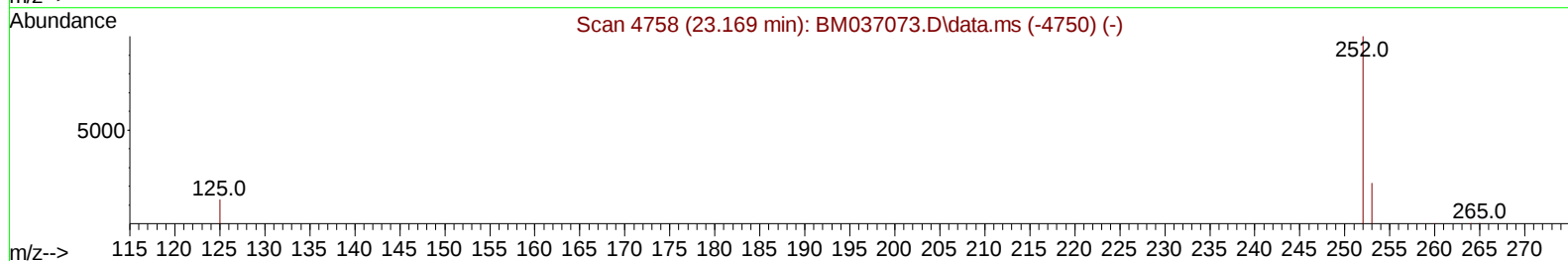
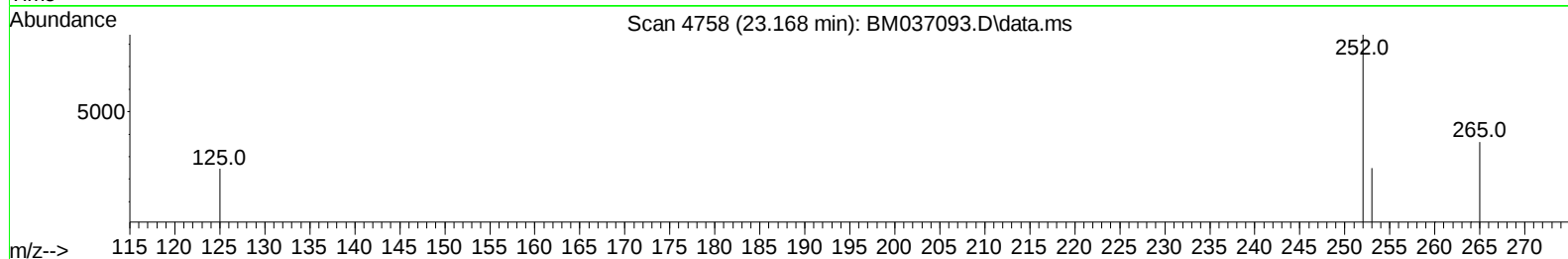
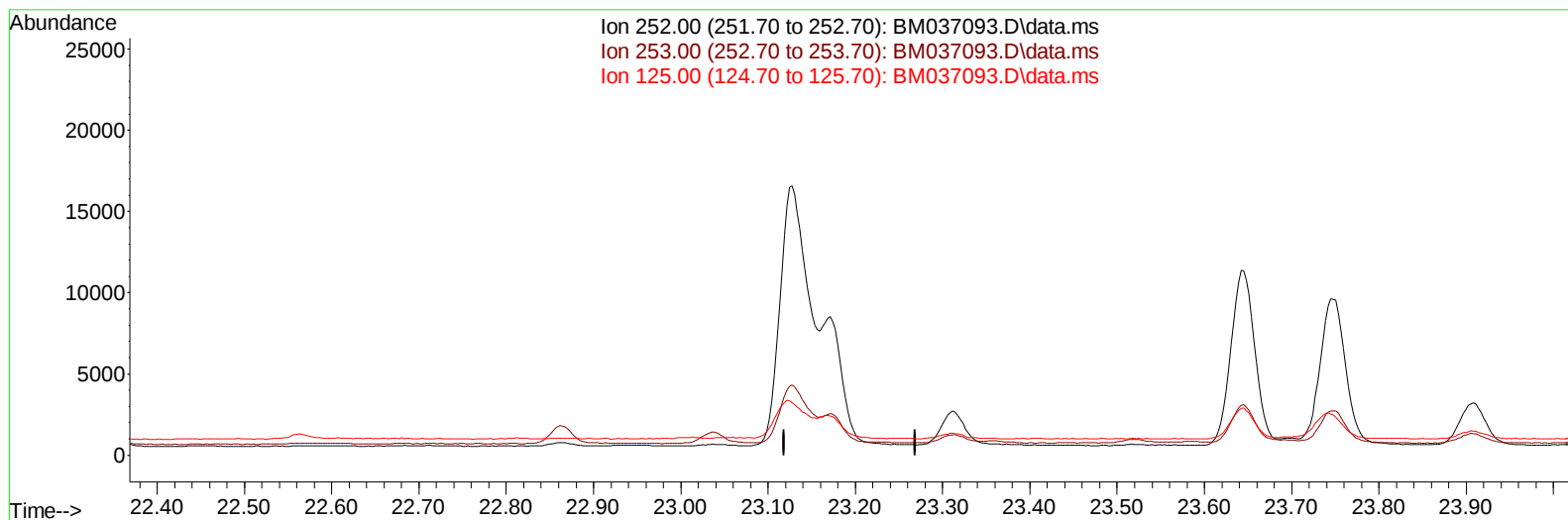
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 Data File : BM037093.D  
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 Operator : CG/JU  
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 Misc :  
 ALS Vial : 91 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 COBM0DL

Manual IntegrationsAPPROVED

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TIC: BM037093.D\data.ms

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

**23.169min (-23.169) 0.00 ng/u1**

**response 0**

| Ion    | Exp%   | Act%  |
|--------|--------|-------|
| 252.00 | 100.00 | 0.00  |
| 253.00 | 31.50  | 0.00# |
| 125.00 | 22.90  | 0.00# |
| 0.00   | 0.00   | 0.00  |

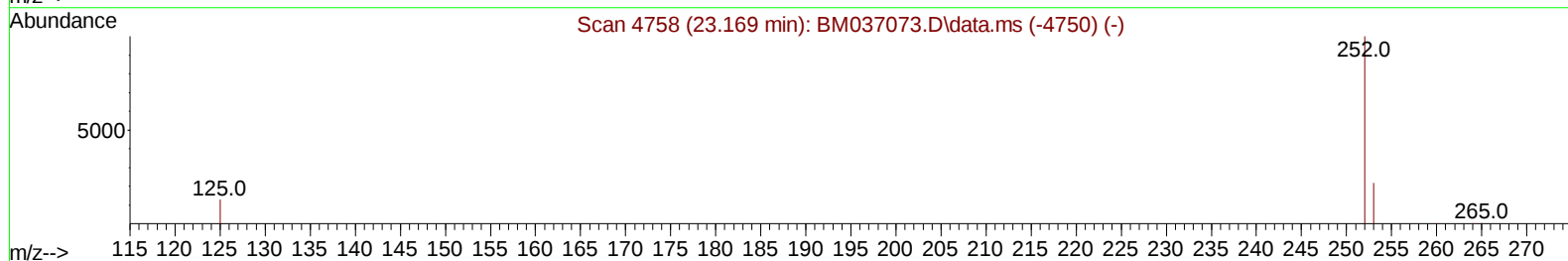
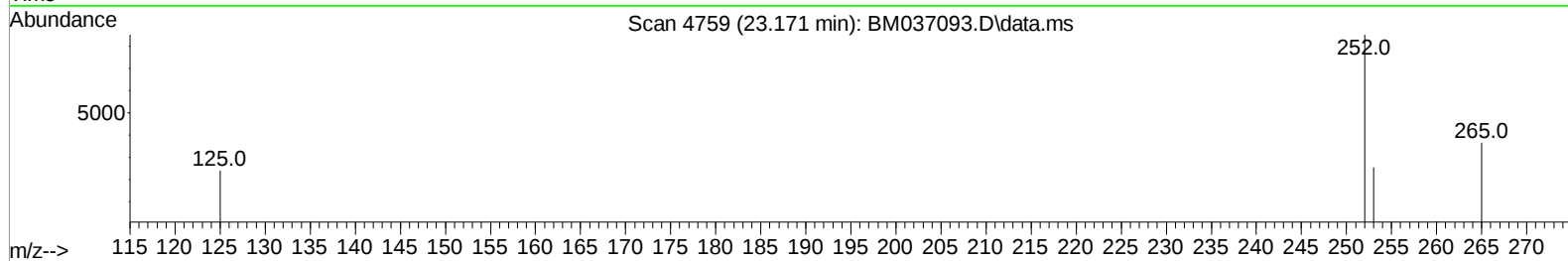
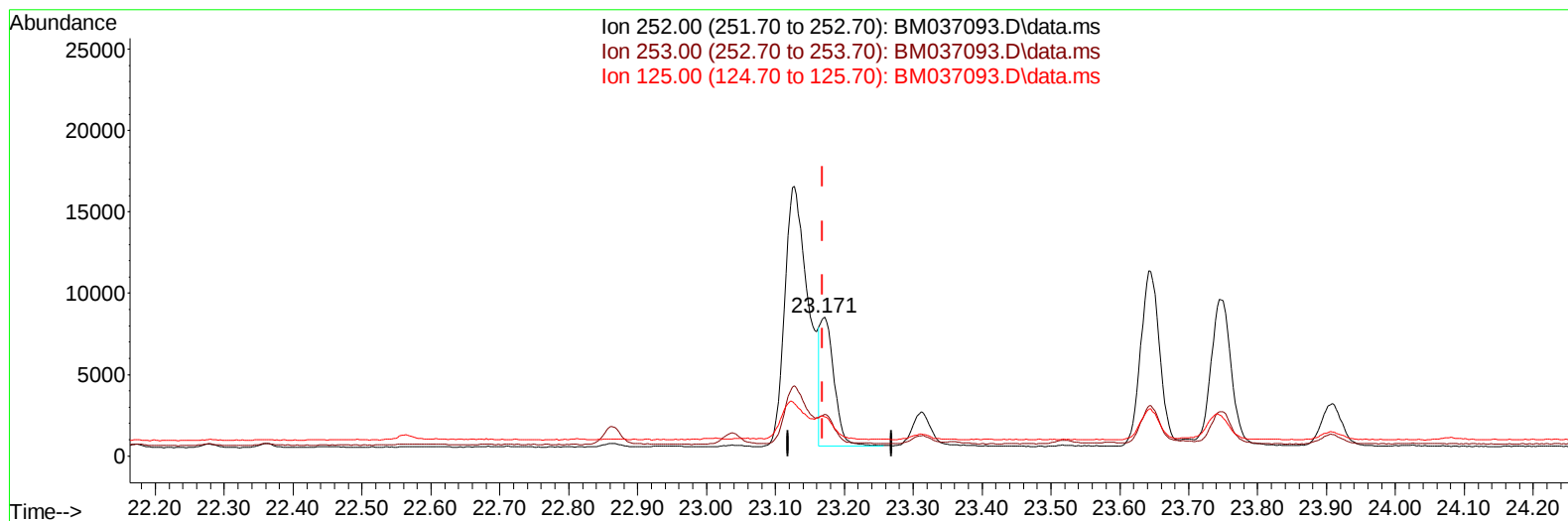
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 ALS Vial : 91 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 COBM0DL

Manual IntegrationsAPPROVED

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TIC: BM037093.D\data.ms

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

**23.171min (+ 0.003) 0.22 ng/ul m**

**response 11040**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 31.50  | 30.10  |
| 125.00 | 22.90  | 28.28# |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM101322\  
 Data File : BM037093.D  
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 Operator : CG/JU  
 Sample : N5049-09DL 5X  
 Misc :  
 ALS Vial : 91 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 COBM0DL

## Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 10/17/2022  
 Supervised By :mohammad ahmed 10/18/2022

Quant Time: Oct 17 00:56:13 2022  
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| Compound                    | R.T.   | Q   | Ion | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|-----|-----|----------|-------|--------|----------|
| -----                       |        |     |     |          |       |        |          |
| Internal Standards          |        |     |     |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.930  | 152 |     | 6487     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.732 | 136 |     | 22774    | 0.400 | ng/ul  | # 0.00   |
| 9) Acenaphthene-d10         | 14.557 | 164 |     | 12133    | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.297 | 188 |     | 23337    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.467 | 240 |     | 14306    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.855 | 264 |     | 11372    | 0.400 | ng/ul  | # 0.00   |
| System Monitoring Compounds |        |     |     |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.336  | 96  |     | 8068     | 0.882 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.316 | 152 |     | 2112     | 0.061 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.317 | 212 |     | 3563     | 0.083 | ng/ul  | 0.00     |
| Target Compounds            |        |     |     |          |       |        |          |
|                             |        |     |     |          |       |        | Qvalue   |
| 5) Naphthalene              | 10.782 | 128 |     | 12914    | 0.198 | ng/ul  | 97       |
| 7) 2-Methylnaphthalene      | 12.393 | 142 |     | 10107    | 0.254 | ng/ul  | 91       |
| 8) 1-Methylnaphthalene      | 12.607 | 142 |     | 7724     | 0.191 | ng/ul  | 99       |
| 10) Acenaphthylene          | 14.279 | 152 |     | 3322     | 0.066 | ng/ul# | 90       |
| 15) Phenanthrene            | 17.339 | 178 |     | 12636    | 0.170 | ng/ul  | 99       |
| 16) Anthracene              | 17.427 | 178 |     | 8850     | 0.142 | ng/ul  | 100      |
| 19) Fluoranthene            | 19.349 | 202 |     | 19799    | 0.348 | ng/ul  | 99       |
| 20) Pyrene                  | 19.712 | 202 |     | 21953m   | 0.370 | ng/ul  |          |
| 21) Benzo(a)anthracene      | 21.453 | 228 |     | 15767    | 0.305 | ng/ul  | 97       |
| 22) Chrysene                | 21.502 | 228 |     | 27491    | 0.495 | ng/ul  | 99       |
| 24) Benzo(b)fluoranthene    | 23.127 | 252 |     | 37995    | 0.748 | ng/ul  | 93       |
| 25) Benzo(k)fluoranthene    | 23.171 | 252 |     | 11040m   | 0.223 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.744 | 252 |     | 18496    | 0.449 | ng/ul# | 89       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.326 | 276 |     | 17776    | 0.304 | ng/ul# | 97       |
| 28) Dibenzo(a,h)anthracene  | 26.333 | 278 |     | 4820     | 0.102 | ng/ul# | 90       |
| 29) Benzo(g,h,i)perylene    | 27.094 | 276 |     | 16441    | 0.320 | ng/ul  | 98       |
| -----                       |        |     |     |          |       |        |          |

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

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