

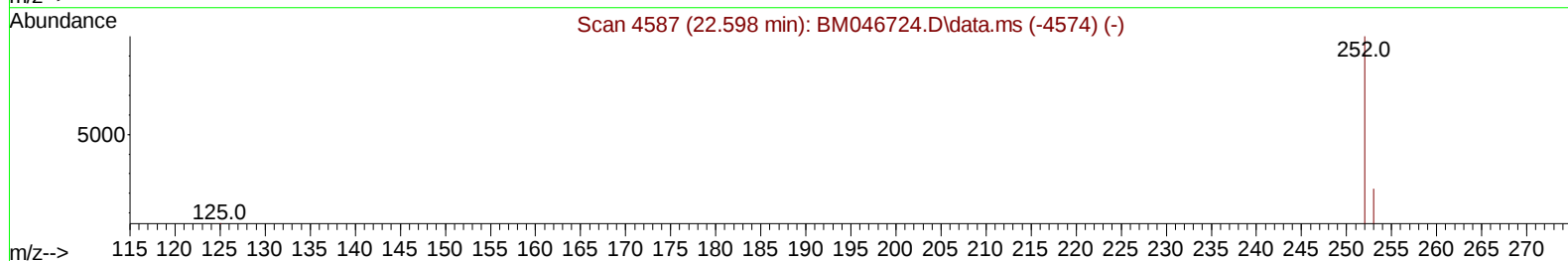
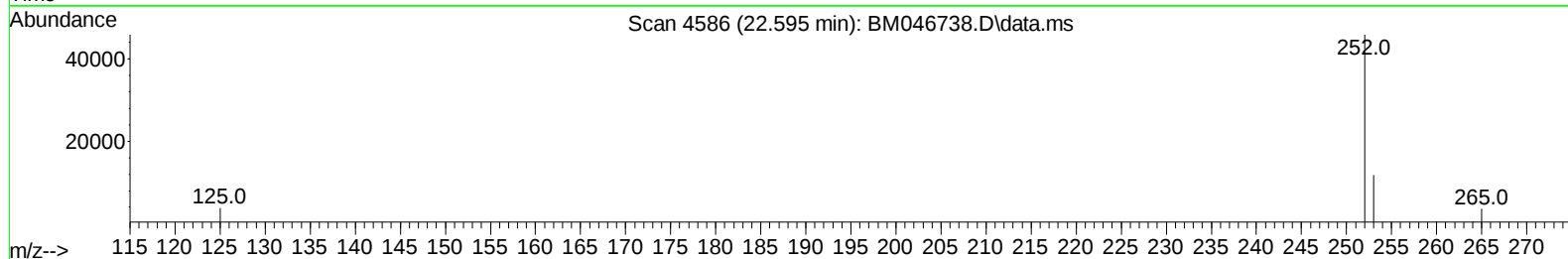
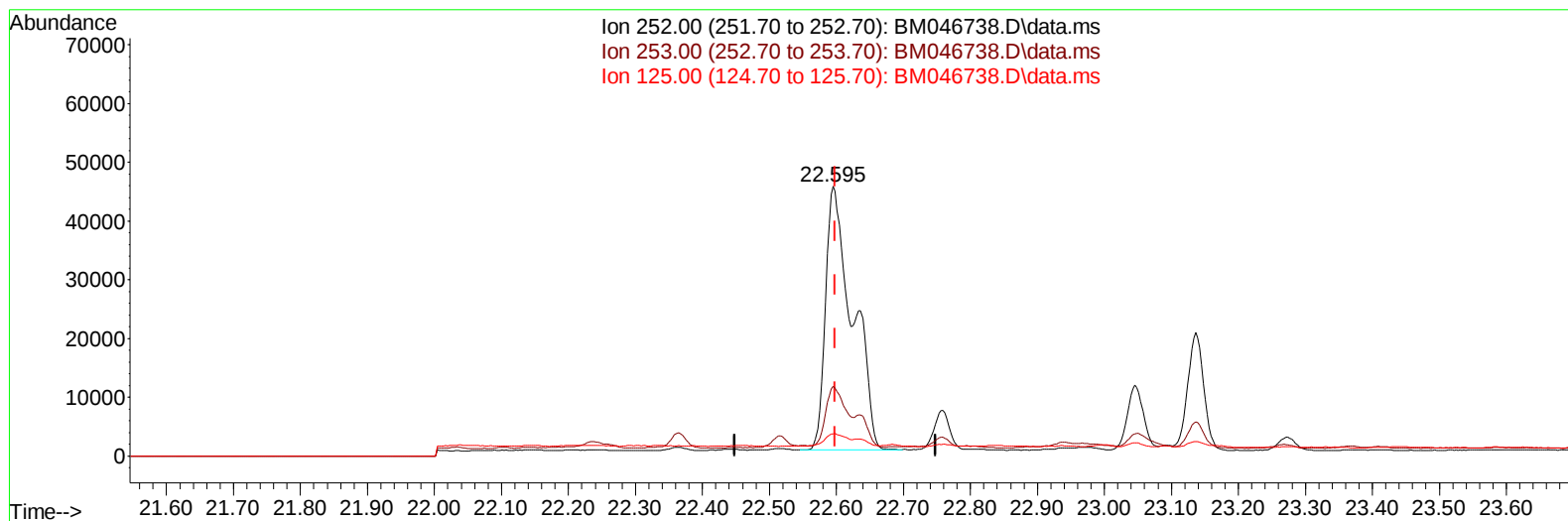
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM071924\  
Data File : BM046738.D  
Acq On : 19 Jul 2024 22:19  
Operator : MA/JU  
Sample : P3201-15  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A4CH9

Manual IntegrationsAPPROVED

Quant Time: Jul 19 23:58:53 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM071024.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Jul 19 11:38:04 2024  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/20/2024  
Supervised By :mohammad ahmed 07/20/2024



TIC: BM046738.D\data.ms

(24) Benzo(b)fluoranthene

22.595min (-0.003) 3.11 ng/u1

response 125245

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 28.10  | 25.84  |
| 125.00 | 8.90   | 8.15   |
| 0.00   | 0.00   | 0.00   |

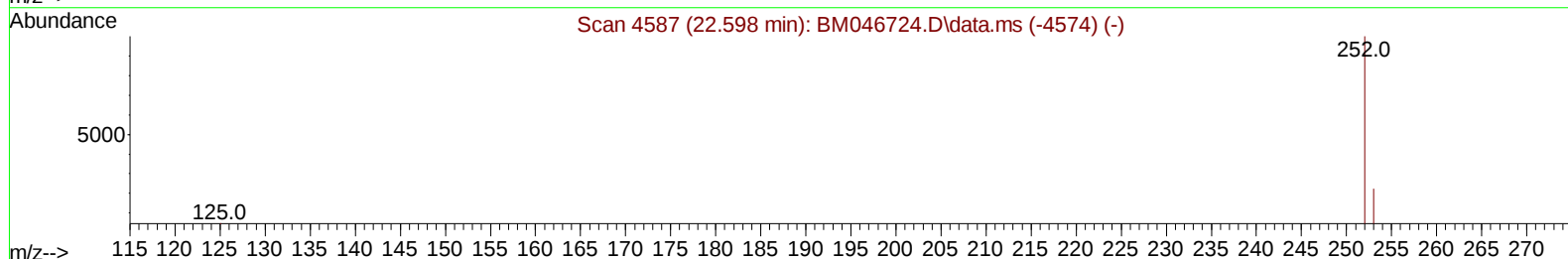
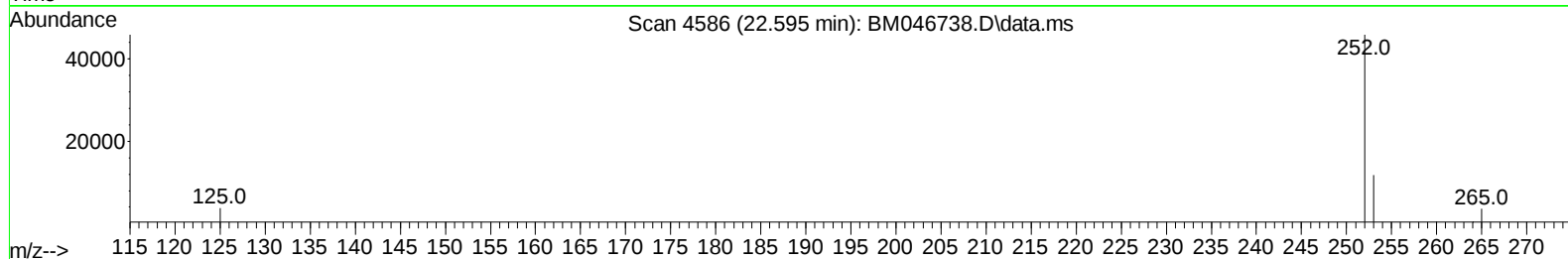
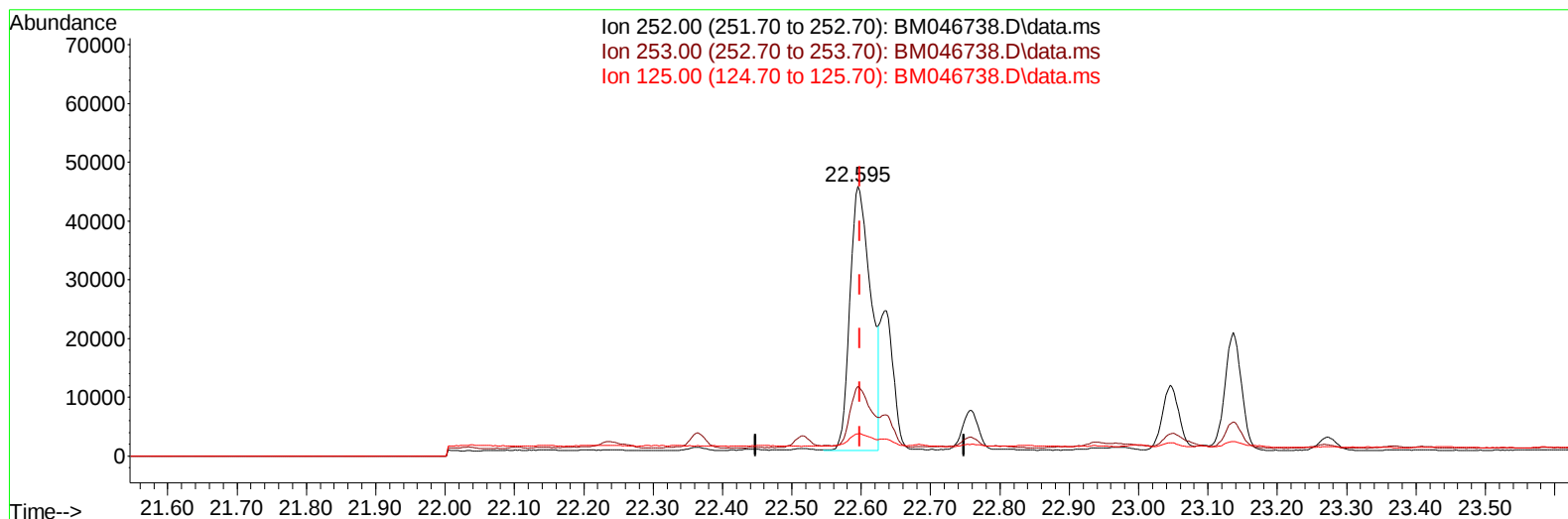
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM071924\  
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Instrument :  
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TIC: BM046738.D\data.ms

**(24) Benzo(b)fluoranthene**

22.595min (-0.003) 2.34 ng/u1 m

response 94209

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 28.10  | 25.84  |
| 125.00 | 8.90   | 8.15   |
| 0.00   | 0.00   | 0.00   |

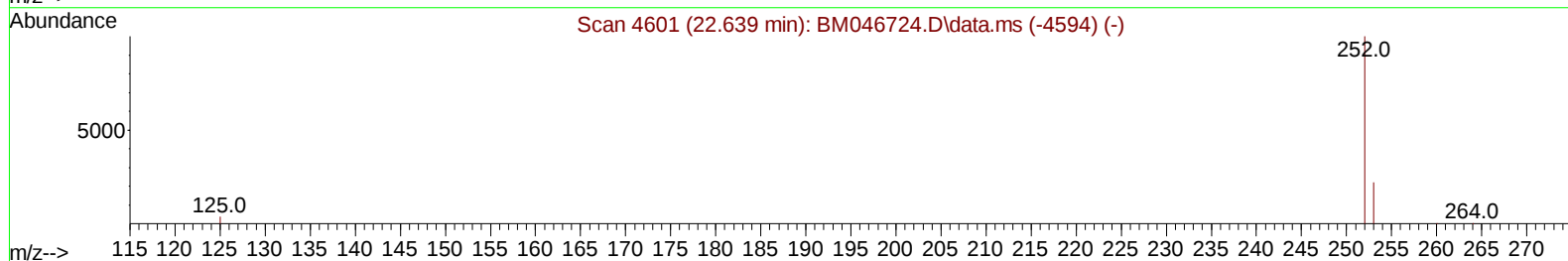
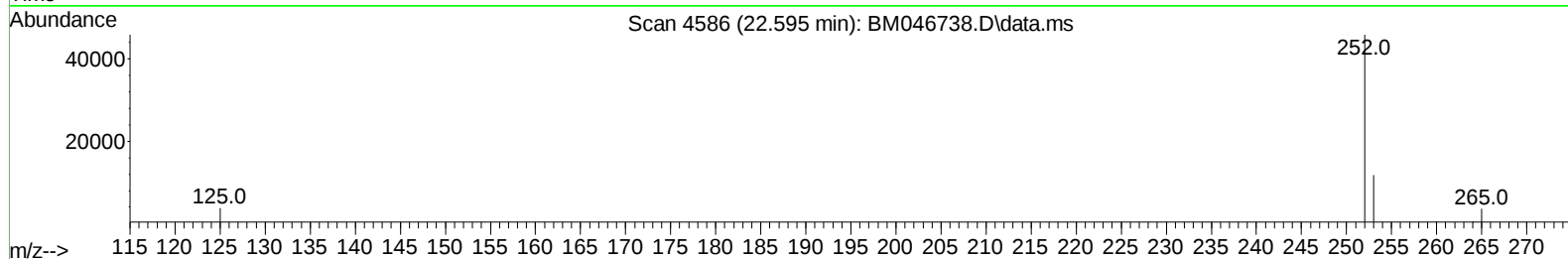
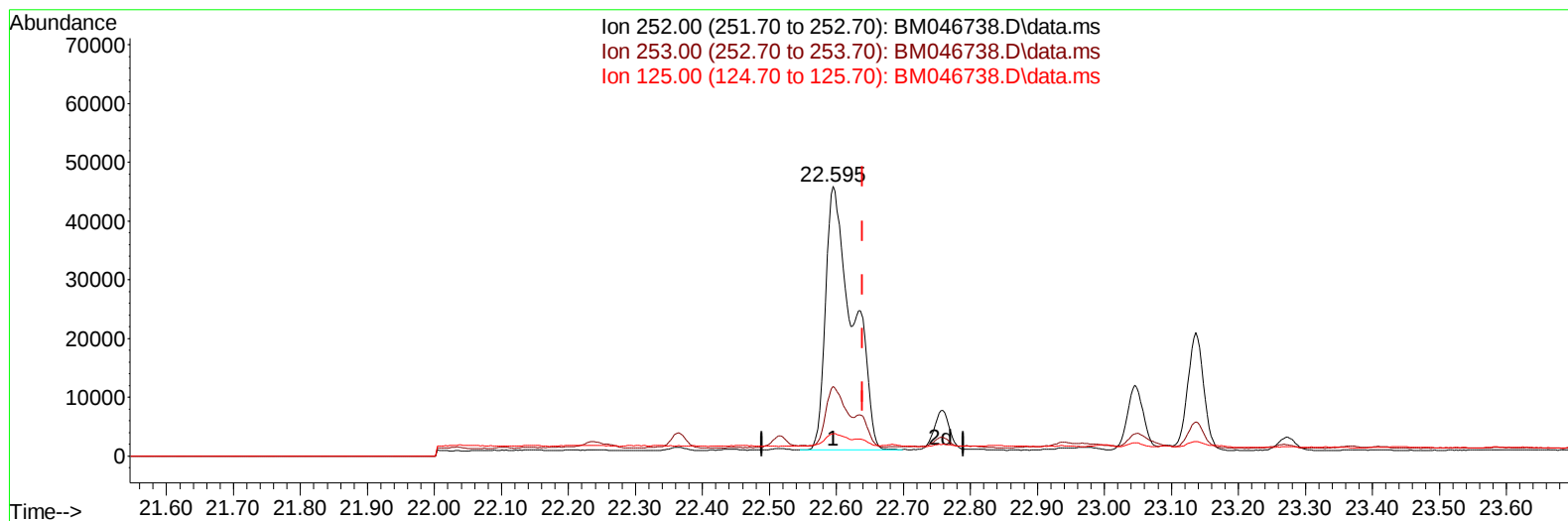
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM071924\  
Data File : BM046738.D  
Acq On : 19 Jul 2024 22:19  
Operator : MA/JU  
Sample : P3201-15  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A4CH9

Manual IntegrationsAPPROVED

Quant Time: Jul 19 23:58:53 2024  
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TIC: BM046738.D\data.ms

(25) Benzo(k)fluoranthene

22.595min (-0.044) 3.16 ng/u1

response 125245

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 28.00  | 25.84  |
| 125.00 | 8.70   | 8.15   |
| 0.00   | 0.00   | 0.00   |

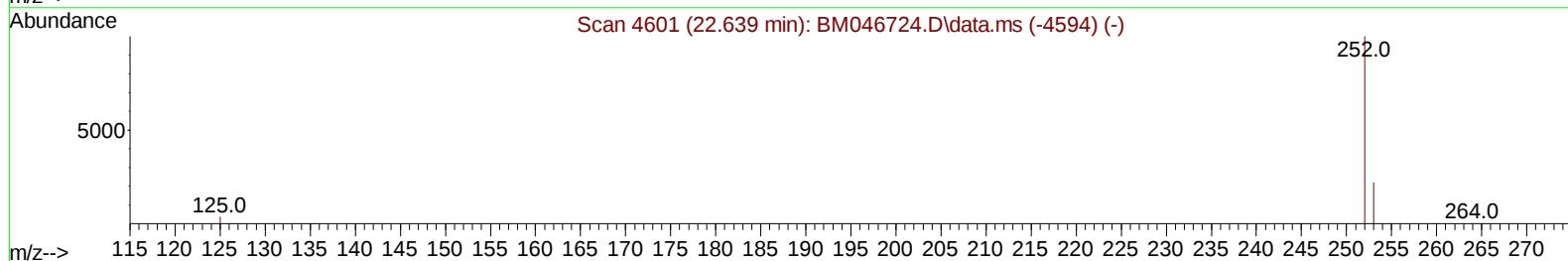
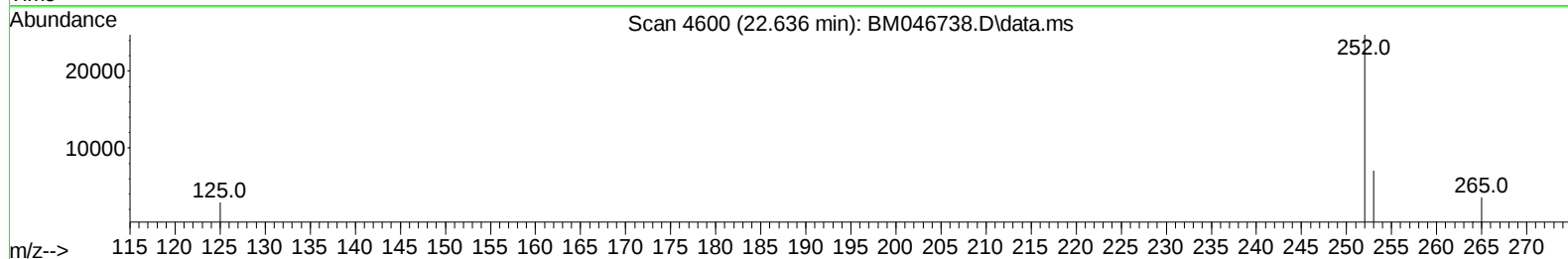
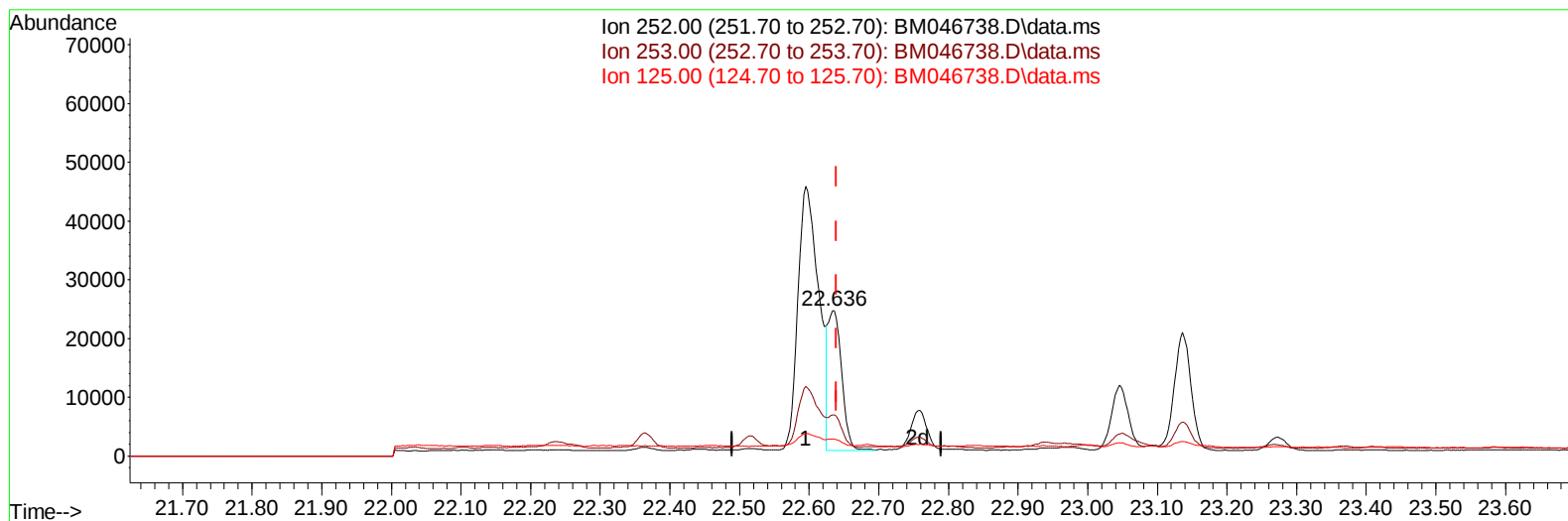
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Sample : P3201-15  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A4CH9

Manual IntegrationsAPPROVED

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TIC: BM046738.D\data.ms

(25) Benzo(k)fluoranthene

22.636min (-0.003) 0.81 ng/u1 m

response 31969

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 28.00  | 28.41  |
| 125.00 | 8.70   | 11.81# |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM071924\  
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 Acq On : 19 Jul 2024 22:19  
 Operator : MA/JU  
 Sample : P3201-15  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A4CH9

## Manual IntegrationsAPPROVED

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 Supervised By :mohammad ahmed 07/20/2024

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| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.484  | 152  | 4448     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.242 | 136  | 8494     | 0.400 | ng/ul  | # 0.00   |
| 9) Acenaphthene-d10         | 14.131 | 164  | 5787     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 16.887 | 188  | 12423    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.093 | 240  | 9273     | 0.400 | ng/ul  | # 0.00   |
| 23) Perylene-d12            | 23.230 | 264  | 10098    | 0.400 | ng/ul  | 0.00     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.109  | 96   | 6237     | 1.707 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 11.842 | 152  | 2718     | 0.198 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 18.926 | 212  | 6398     | 0.227 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       |        | Qvalue   |
| 5) Naphthalene              | 10.292 | 128  | 4015     | 0.186 | ng/ul  | 99       |
| 7) 2-Methylnaphthalene      | 11.919 | 142  | 2073     | 0.137 | ng/ul  | 100      |
| 8) 1-Methylnaphthalene      | 12.145 | 142  | 1454     | 0.094 | ng/ul  | 99       |
| 10) Acenaphthylene          | 13.848 | 152  | 2928     | 0.111 | ng/ul  | 93       |
| 11) Acenaphthene            | 14.191 | 153  | 9172     | 0.520 | ng/ul  | 98       |
| 12) Fluorene                | 15.190 | 166  | 10255    | 0.470 | ng/ul  | 98       |
| 15) Phenanthrene            | 16.929 | 178  | 125223   | 3.532 | ng/ul  | 98       |
| 16) Anthracene              | 17.017 | 178  | 25454    | 0.736 | ng/ul  | 99       |
| 19) Fluoranthene            | 18.954 | 202  | 176352   | 4.630 | ng/ul  | 99       |
| 20) Pyrene                  | 19.317 | 202  | 115355   | 2.797 | ng/ul  | 99       |
| 21) Benzo(a)anthracene      | 21.076 | 228  | 74615    | 1.819 | ng/ul  | 99       |
| 22) Chrysene                | 21.129 | 228  | 73904    | 1.862 | ng/ul  | 97       |
| 24) Benzo(b)fluoranthene    | 22.595 | 252  | 94209m   | 2.336 | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 22.636 | 252  | 31969m   | 0.807 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.136 | 252  | 33697    | 1.015 | ng/ul  | 95       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.340 | 276  | 33345    | 0.660 | ng/ul# | 100      |
| 28) Dibenzo(a,h)anthracene  | 25.350 | 278  | 11889    | 0.297 | ng/ul# | 82       |
| 29) Benzo(g,h,i)perylene    | 25.984 | 276  | 4864     | 0.121 | ng/ul# | 69       |
| -----                       |        |      |          |       |        |          |

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

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