

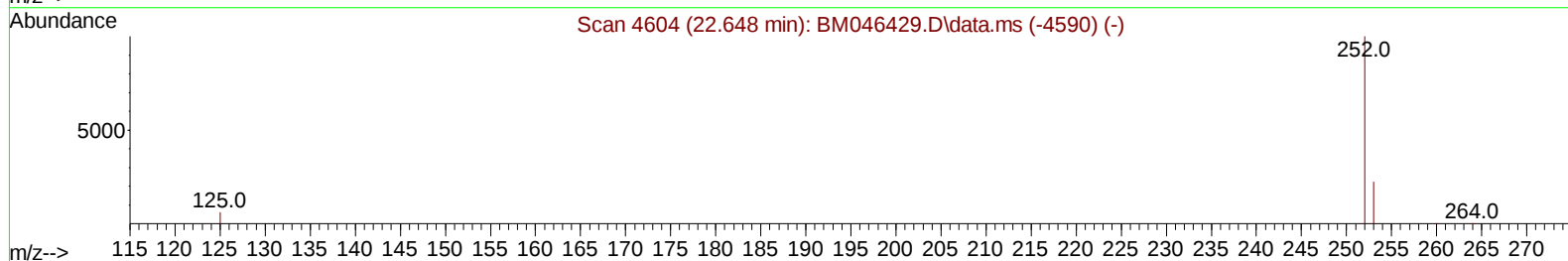
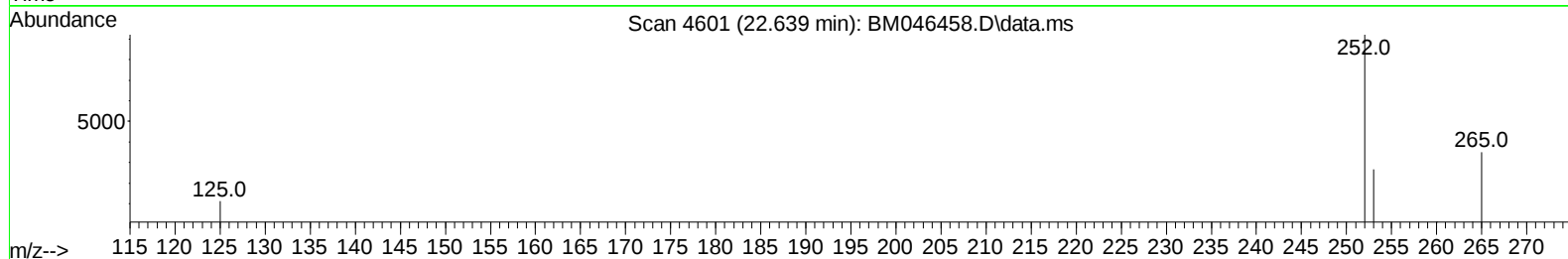
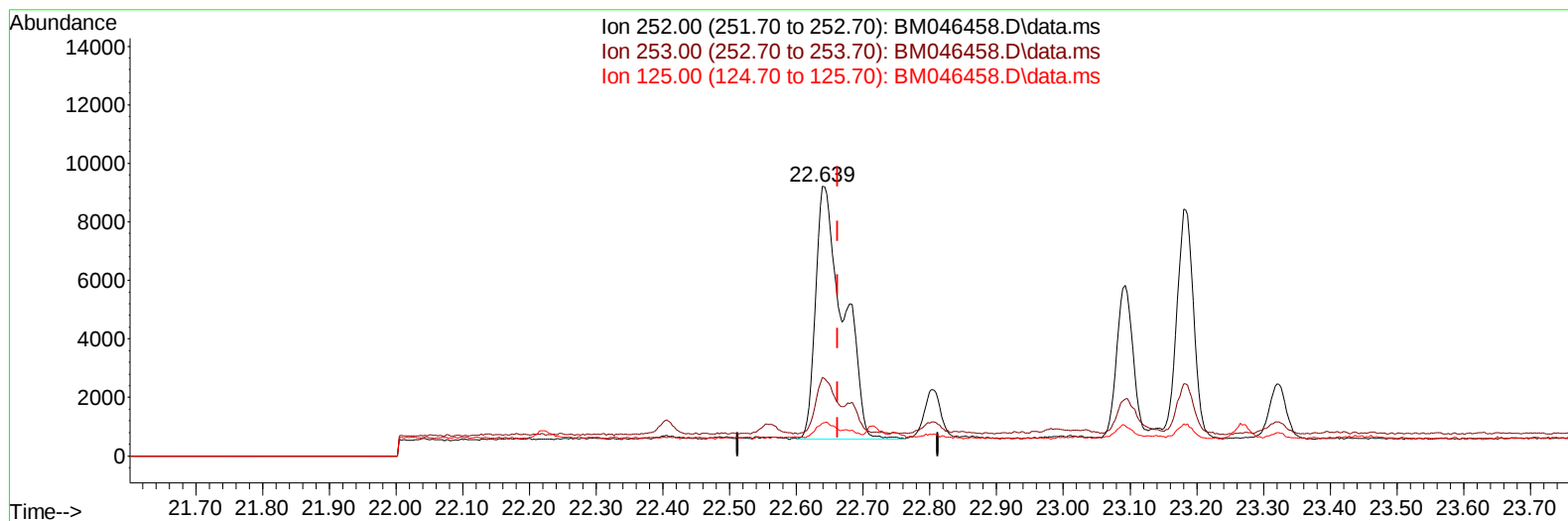
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM070824\  
Data File : BM046458.D  
Acq On : 09 Jul 2024 04:37  
Operator : MA/JU  
Sample : P2982-09DL 5X  
Misc :  
ALS Vial : 29 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A4CF5DL

Manual IntegrationsAPPROVED

Quant Time: Jul 09 05:09:19 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM070524.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Jul 05 16:01:25 2024  
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/09/2024  
Supervised By :mohammad ahmed 07/10/2024



TIC: BM046458.D\data.ms

(24) Benzo(b)fluoranthene

22.639min (-0.023) 0.50 ng/u1

response 24555

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 23.50  | 29.08  |
| 125.00 | 9.20   | 12.22  |
| 0.00   | 0.00   | 0.00   |

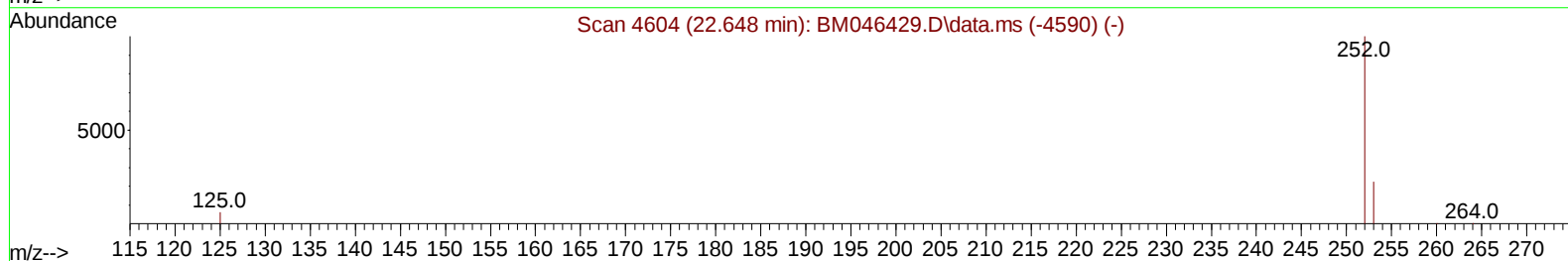
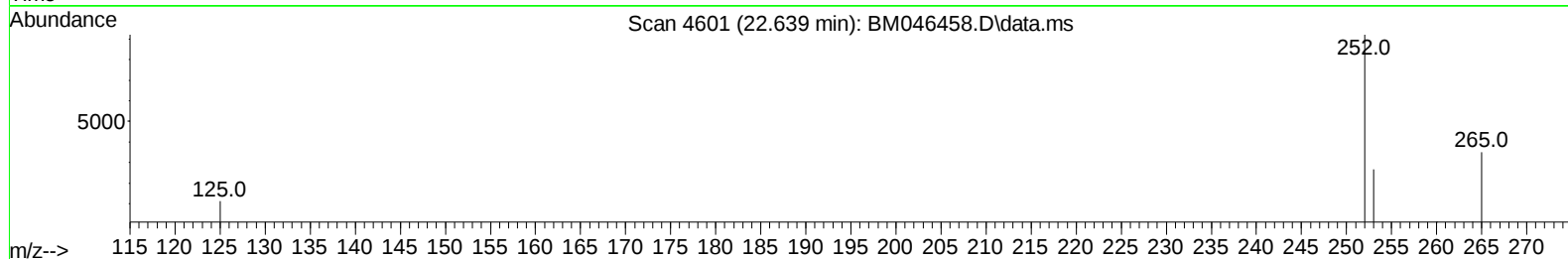
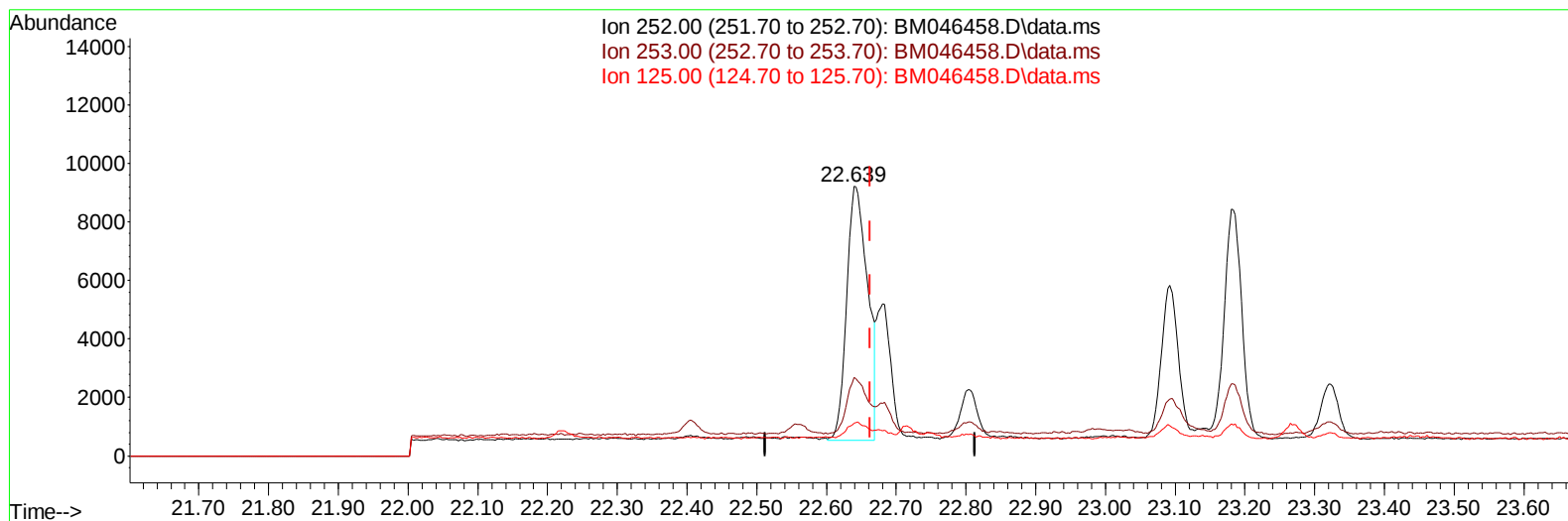
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TIC: BM046458.D\data.ms

(24) Benzo(b)fluoranthene

22.639min (-0.023) 0.37 ng/u1 m

response 18077

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 23.50  | 29.08  |
| 125.00 | 9.20   | 12.22  |
| 0.00   | 0.00   | 0.00   |

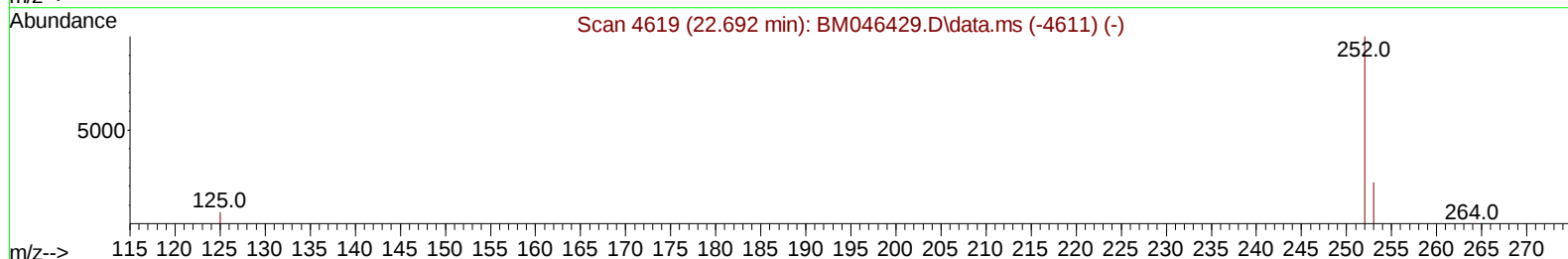
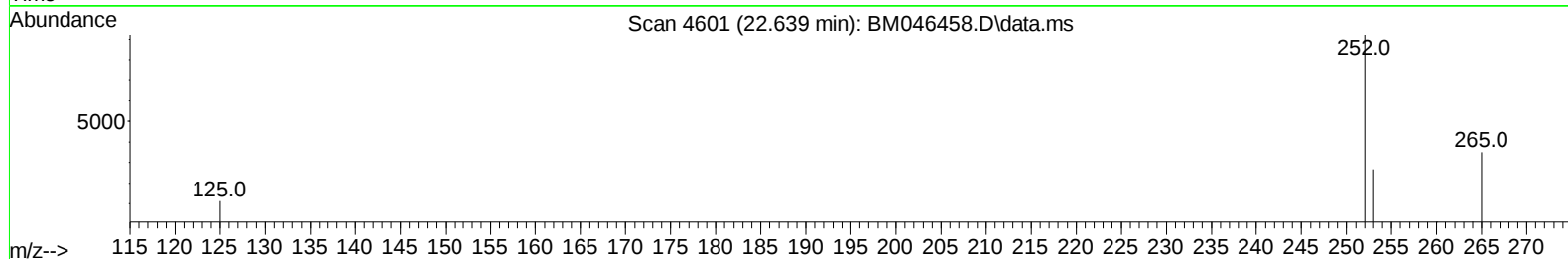
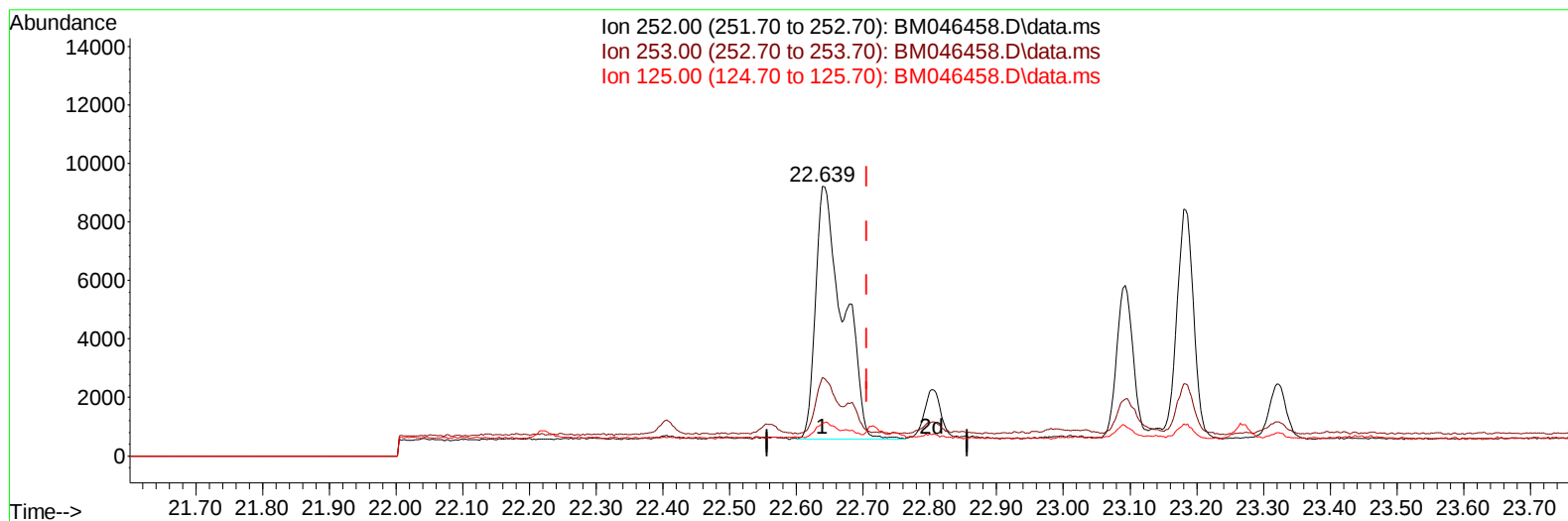
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Data File : BM046458.D  
Acq On : 09 Jul 2024 04:37  
Operator : MA/JU  
Sample : P2982-09DL 5X  
Misc :  
ALS Vial : 29 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A4CF5DL

Manual IntegrationsAPPROVED

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TIC: BM046458.D\data.ms

(25) Benzo(k)fluoranthene

22.639min (-0.067) 0.50 ng/u1

response 24555

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 23.00  | 29.08# |
| 125.00 | 9.40   | 12.22# |
| 0.00   | 0.00   | 0.00   |

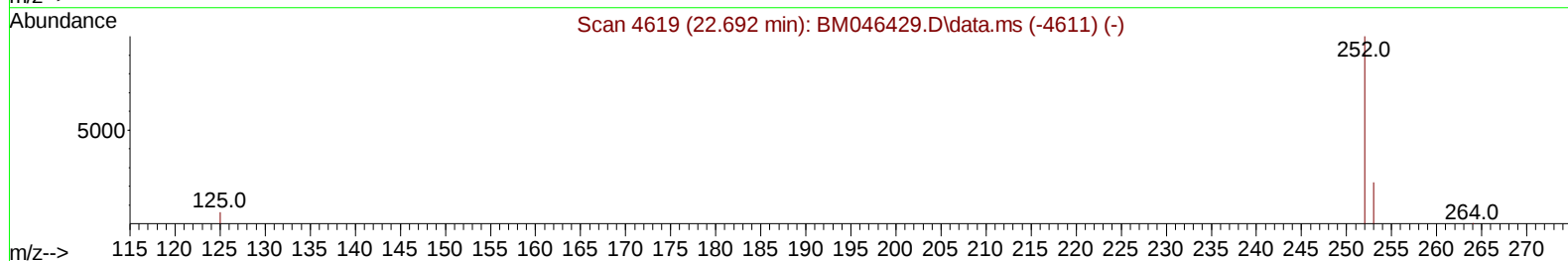
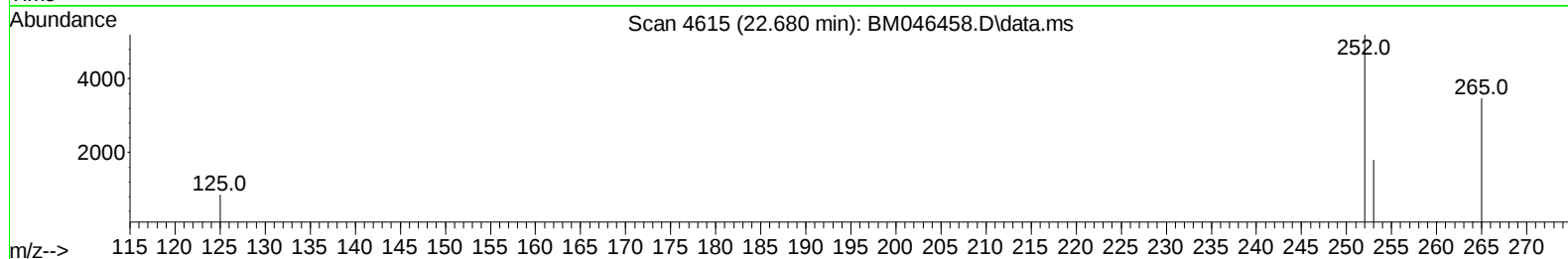
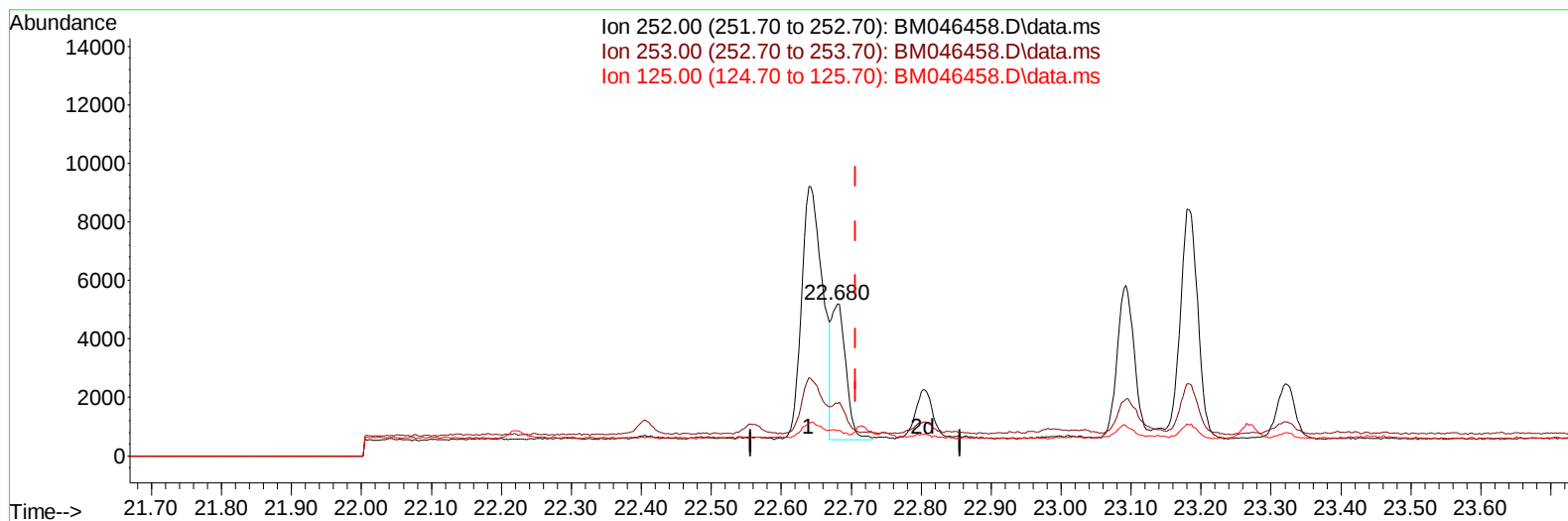
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Data File : BM046458.D  
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Sample : P2982-09DL 5X  
Misc :  
ALS Vial : 29 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A4CF5DL

Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 07/10/2024



TIC: BM046458.D\data.ms

(25) Benzo(k)fluoranthene

22.680min (-0.026) 0.13 ng/u1 m

response 6640

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 23.00  | 34.48# |
| 125.00 | 9.40   | 16.36# |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM070824\  
 Data File : BM046458.D  
 Acq On : 09 Jul 2024 04:37  
 Operator : MA/JU  
 Sample : P2982-09DL 5X  
 Misc :  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A4CF5DL

## Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/09/2024  
 Supervised By :mohammad ahmed 07/10/2024

Quant Time: Jul 09 05:09:19 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM070524.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jul 05 16:01:25 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.531  | 152  | 5562     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.292 | 136  | 15258    | 0.400 | ng/ul  | #-0.01   |
| 9) Acenaphthene-d10         | 14.172 | 164  | 9715     | 0.400 | ng/ul  | -0.01    |
| 13) Phenanthrene-d10        | 16.920 | 188  | 19208    | 0.400 | ng/ul  | #-0.02   |
| 17) Chrysene-d12            | 21.126 | 240  | 11875    | 0.400 | ng/ul  | -0.02    |
| 23) Perylene-d12            | 23.277 | 264  | 11515    | 0.400 | ng/ul  | #-0.02   |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.130  | 96   | 3122     | 0.543 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 11.892 | 152  | 1109     | 0.049 | ng/ul  | -0.01    |
| 18) Fluoranthene-d10        | 18.959 | 212  | 2030     | 0.049 | ng/ul  | -0.01    |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       |        | Qvalue   |
| 10) Acenaphthylene          | 13.890 | 152  | 3078     | 0.062 | ng/ul  | 94       |
| 15) Phenanthrene            | 16.963 | 178  | 11512    | 0.200 | ng/ul  | 98       |
| 16) Anthracene              | 17.055 | 178  | 5046     | 0.090 | ng/ul  | 95       |
| 19) Fluoranthene            | 18.992 | 202  | 35810    | 0.597 | ng/ul# | 95       |
| 20) Pyrene                  | 19.354 | 202  | 42616    | 0.690 | ng/ul# | 91       |
| 21) Benzo(a)anthracene      | 21.111 | 228  | 17046    | 0.321 | ng/ul  | 95       |
| 22) Chrysene                | 21.161 | 228  | 16125    | 0.306 | ng/ul  | 97       |
| 24) Benzo(b)fluoranthene    | 22.639 | 252  | 18077m   | 0.369 | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 22.680 | 252  | 6640m    | 0.134 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.180 | 252  | 13817    | 0.357 | ng/ul# | 90       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.410 | 276  | 8819     | 0.169 | ng/ul# | 88       |
| 28) Dibenzo(a,h)anthracene  | 25.424 | 278  | 2039     | 0.050 | ng/ul# | 37       |
| 29) Benzo(g,h,i)perylene    | 26.058 | 276  | 8538     | 0.205 | ng/ul# | 93       |
| -----                       |        |      |          |       |        |          |

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

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