

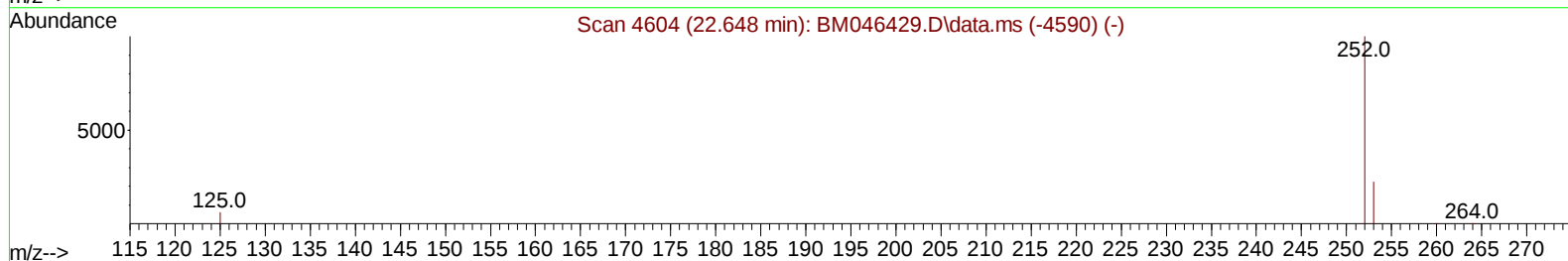
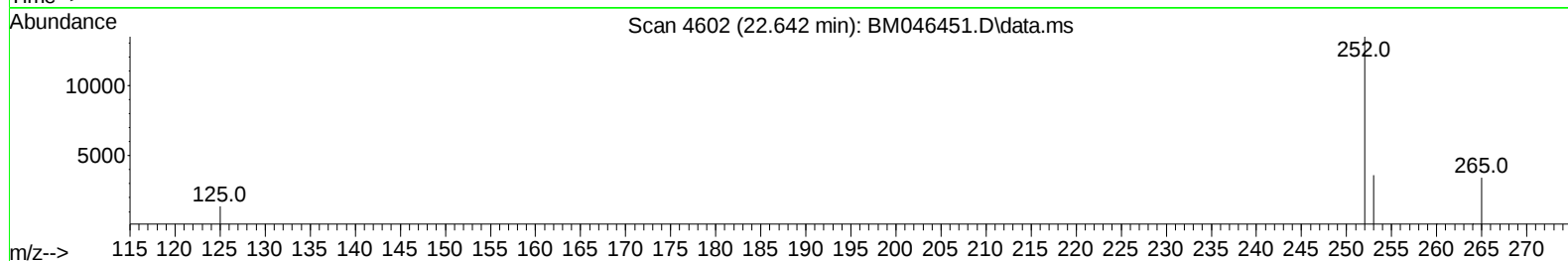
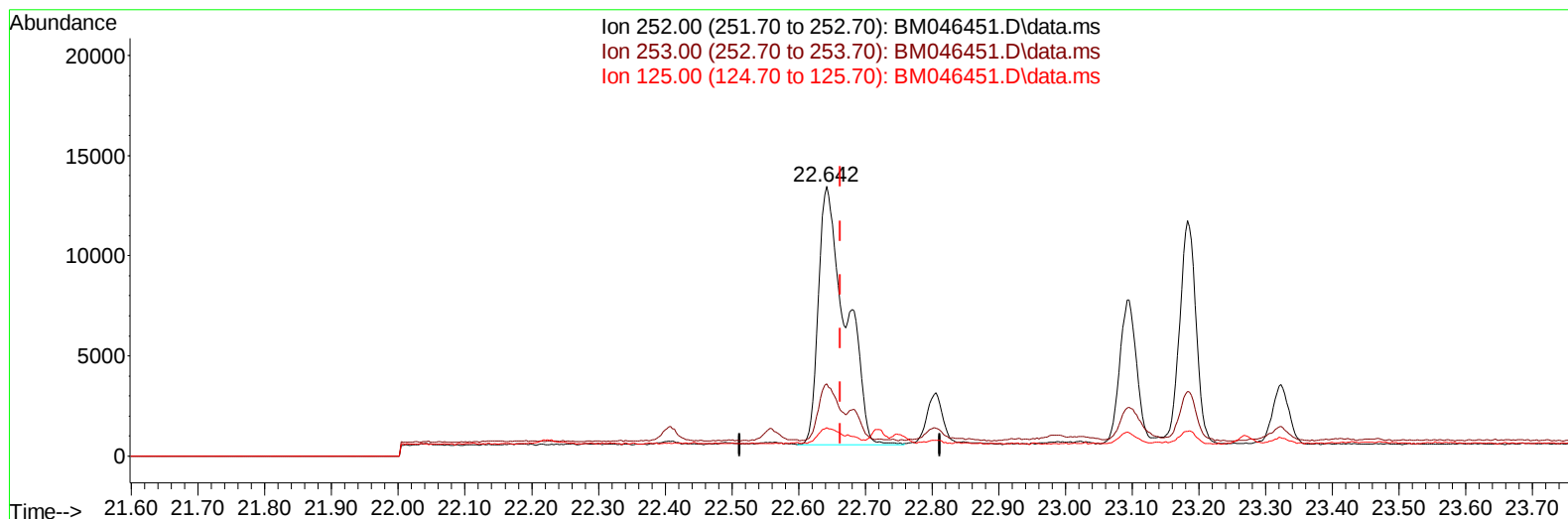
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM070824\  
Data File : BM046451.D  
Acq On : 09 Jul 2024 00:21  
Operator : MA/JU  
Sample : P2982-13DL 5X  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A4CG0DL

## Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/09/2024  
Supervised By :mohammad ahmed 07/10/2024

Quant Time: Jul 09 01:19:39 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



TIC: BM046451.D\data.ms

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

22.642min (-0.021) 0.69 ng/u1

response 36397

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 23.50  | 26.85  |
| 125.00 | 9.20   | 10.44  |
| 0.00   | 0.00   | 0.00   |

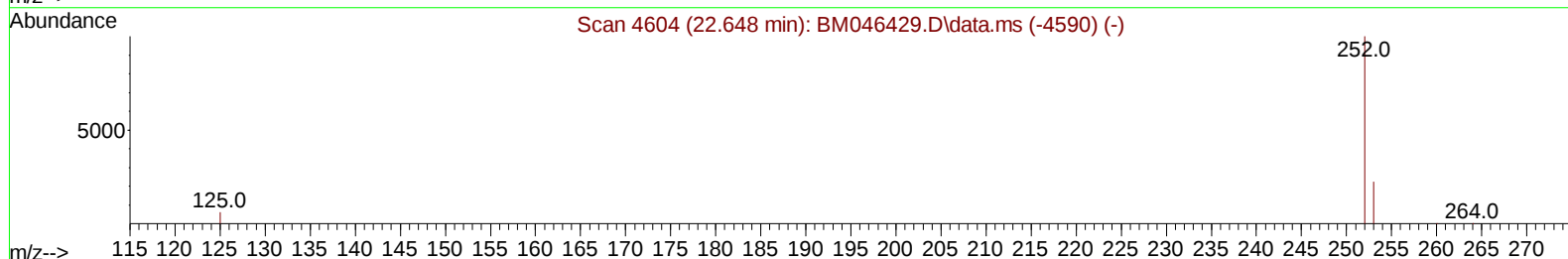
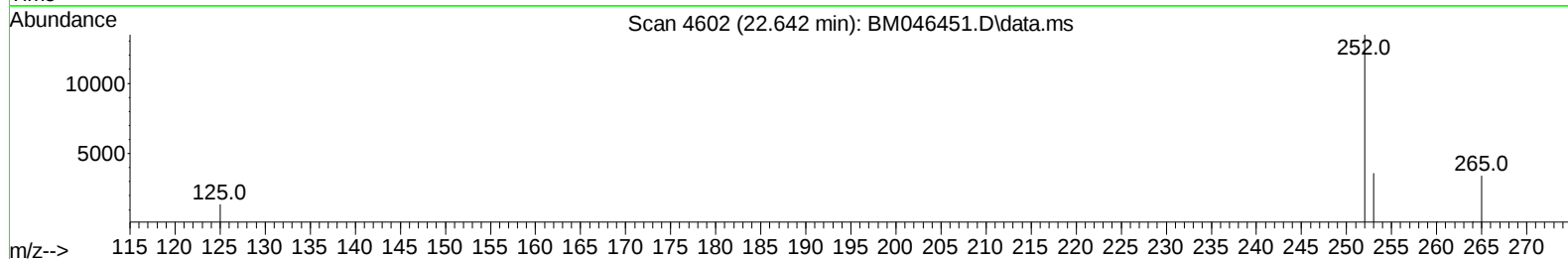
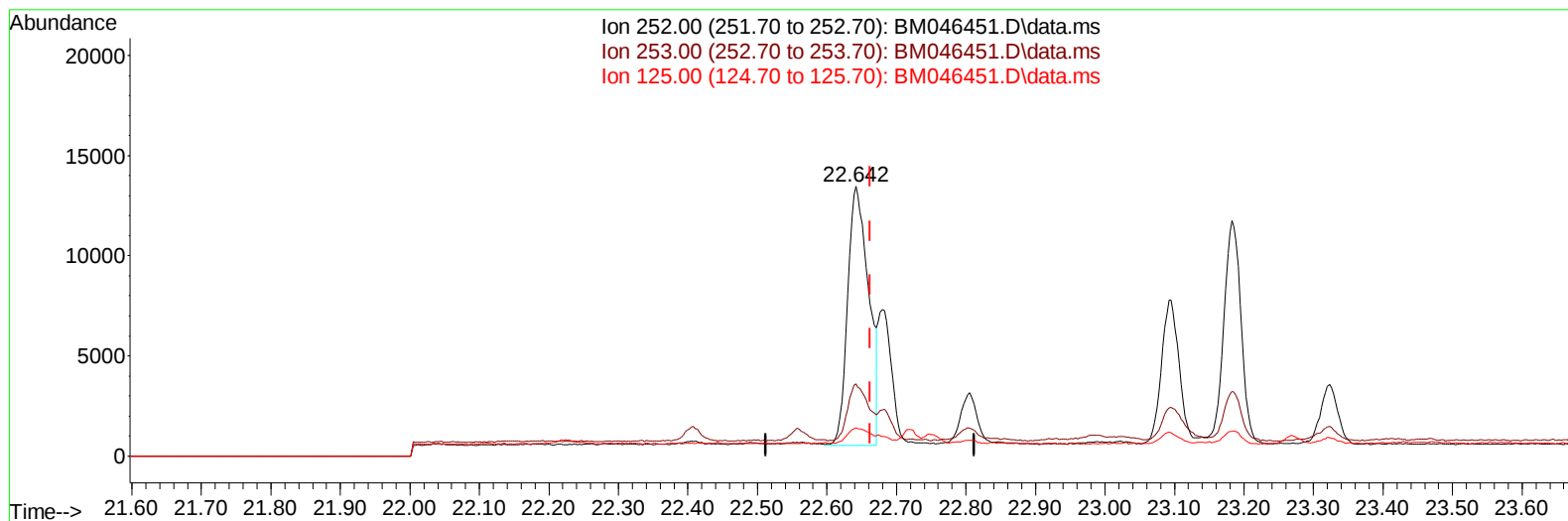
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(24) Benzo(b)fluoranthene

22.642min (-0.021) 0.52 ng/u1 m

response 27301

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 23.50  | 26.85  |
| 125.00 | 9.20   | 10.44  |
| 0.00   | 0.00   | 0.00   |

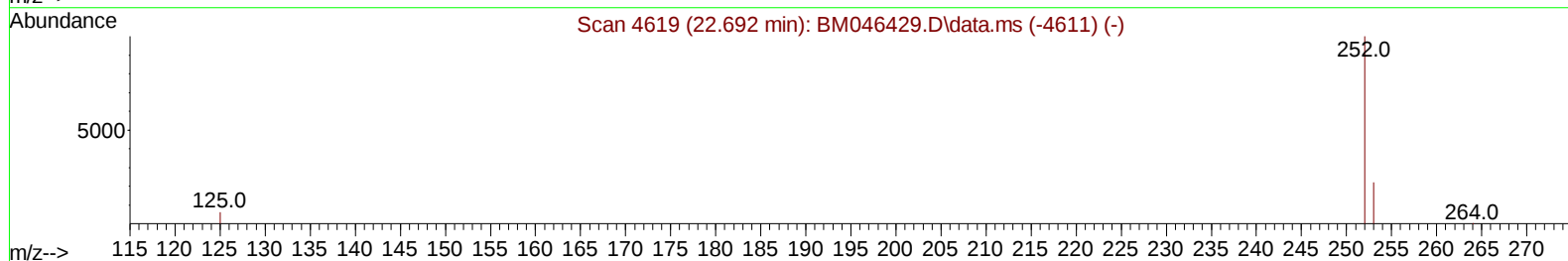
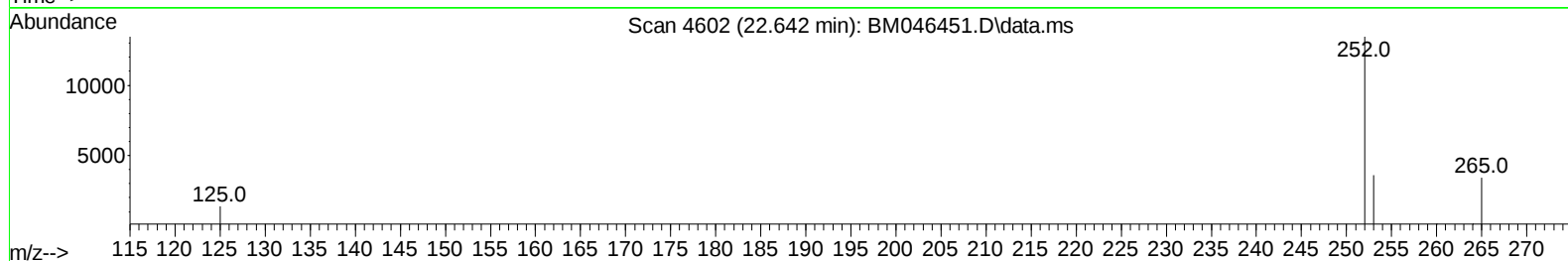
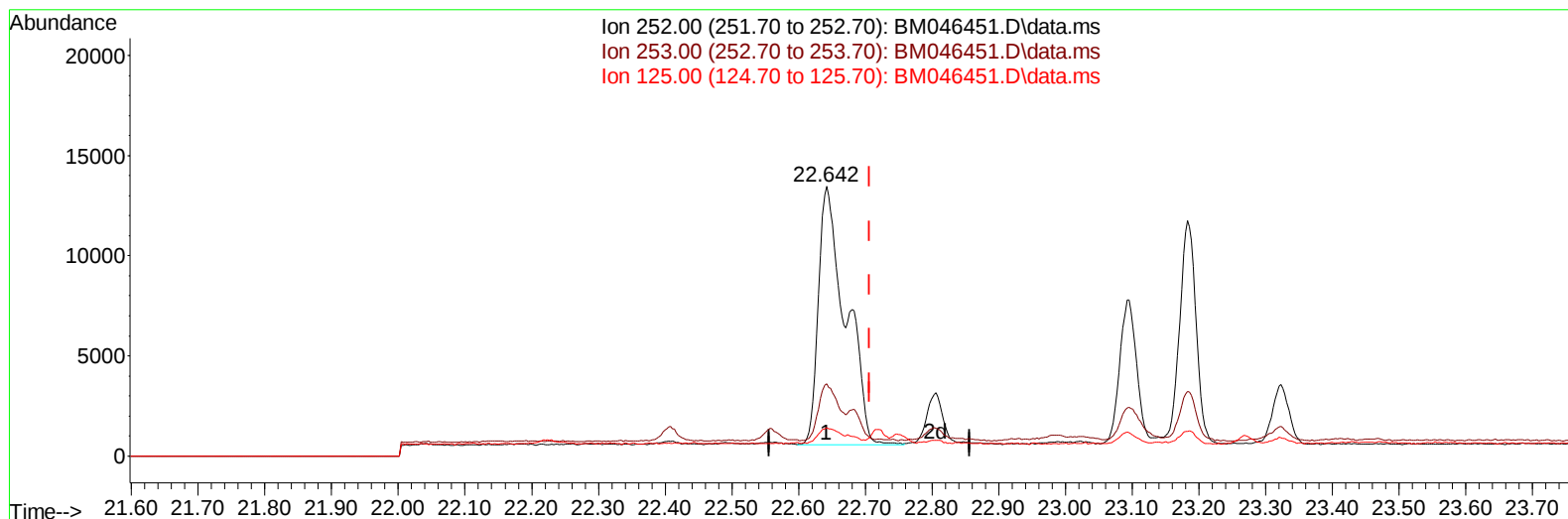
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ALS Vial : 22 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A4CG0DL

Manual IntegrationsAPPROVED

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(25) Benzo(k)fluoranthene

22.642min (-0.065) 0.68 ng/u1

response 36397

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 23.00  | 26.85  |
| 125.00 | 9.40   | 10.44  |
| 0.00   | 0.00   | 0.00   |

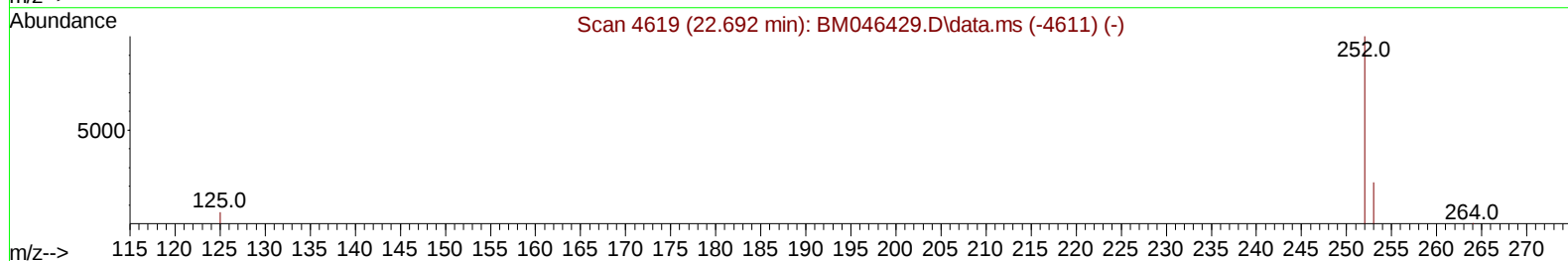
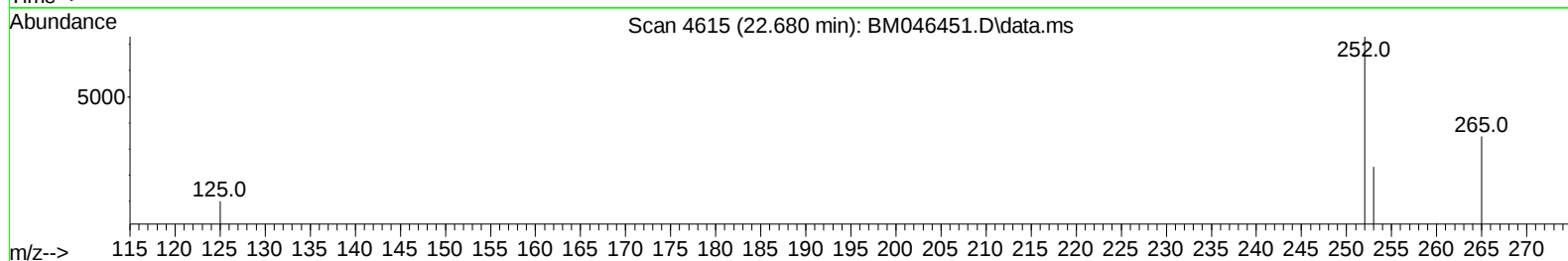
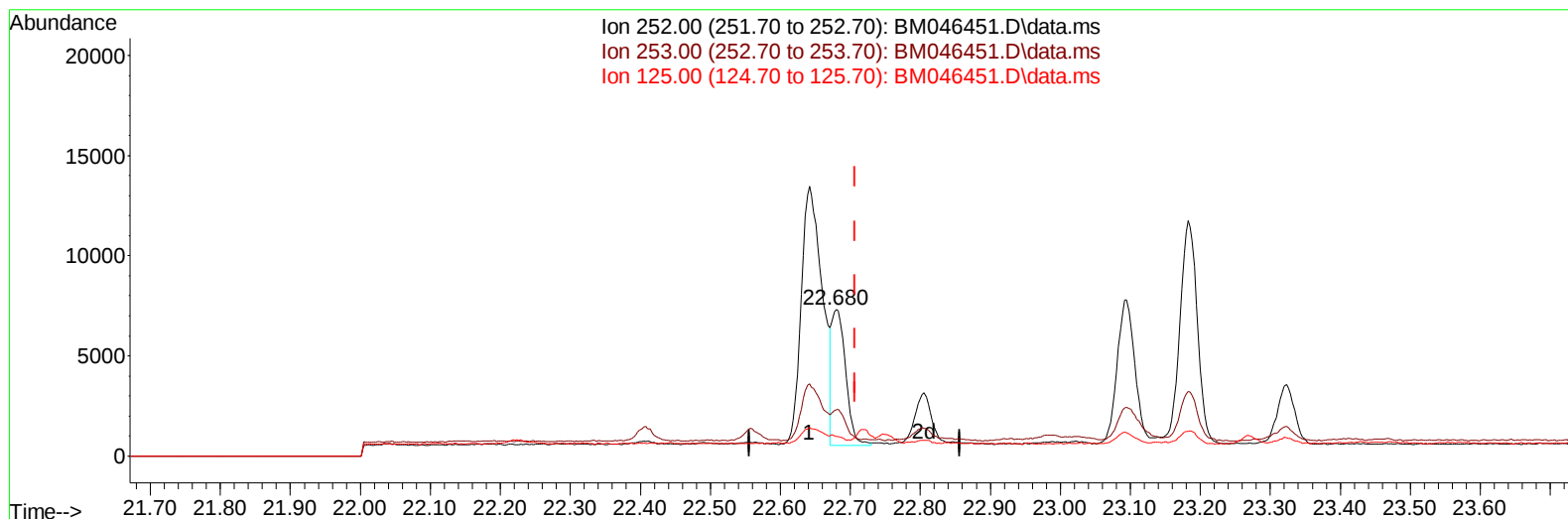
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Instrument :  
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Manual IntegrationsAPPROVED

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TIC: BM046451.D\data.ms

(25) Benzo(k)fluoranthene

22.680min (-0.027) 0.17 ng/ul m

response 9265

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 23.00  | 31.69# |
| 125.00 | 9.40   | 13.43# |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM070824\  
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 Sample : P2982-13DL 5X  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A4CG0DL

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 Supervised By :mohammad ahmed 07/10/2024

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 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  | 6484     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.293 | 136  | 17947    | 0.400 | ng/ul  | # 0.00   |
| 9) Acenaphthene-d10         | 14.174 | 164  | 11182    | 0.400 | ng/ul  | -0.01    |
| 13) Phenanthrene-d10        | 16.922 | 188  | 20895    | 0.400 | ng/ul  | #-0.02   |
| 17) Chrysene-d12            | 21.125 | 240  | 12141    | 0.400 | ng/ul  | -0.02    |
| 23) Perylene-d12            | 23.276 | 264  | 12455    | 0.400 | ng/ul  | #-0.02   |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.130  | 96   | 2764     | 0.413 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 11.893 | 152  | 1079     | 0.041 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 18.960 | 212  | 1834     | 0.043 | ng/ul  | -0.01    |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 10) Acenaphthylene          | 13.887 | 152  | 2562     | 0.045 | ng/ul# | 93       |
| 11) Acenaphthene            | 14.234 | 153  | 1161     | 0.031 | ng/ul  | 98       |
| 12) Fluorene                | 15.228 | 166  | 1858     | 0.043 | ng/ul# | 93       |
| 15) Phenanthrene            | 16.964 | 178  | 30899    | 0.494 | ng/ul  | 99       |
| 16) Anthracene              | 17.057 | 178  | 10746    | 0.177 | ng/ul  | 98       |
| 19) Fluoranthene            | 18.993 | 202  | 60044    | 0.978 | ng/ul# | 94       |
| 20) Pyrene                  | 19.355 | 202  | 54758    | 0.867 | ng/ul# | 91       |
| 21) Benzo(a)anthracene      | 21.111 | 228  | 25715    | 0.474 | ng/ul  | 96       |
| 22) Chrysene                | 21.160 | 228  | 22940    | 0.425 | ng/ul  | 97       |
| 24) Benzo(b)fluoranthene    | 22.642 | 252  | 27301m   | 0.516 | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 22.680 | 252  | 9265m    | 0.173 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.183 | 252  | 19279    | 0.461 | ng/ul  | 94       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.410 | 276  | 12577    | 0.222 | ng/ul# | 88       |
| 28) Dibenzo(a,h)anthracene  | 25.423 | 278  | 3220     | 0.074 | ng/ul# | 48       |
| 29) Benzo(g,h,i)perylene    | 26.057 | 276  | 11960    | 0.265 | ng/ul  | 94       |
| -----                       |        |      |          |       |        |          |

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

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