

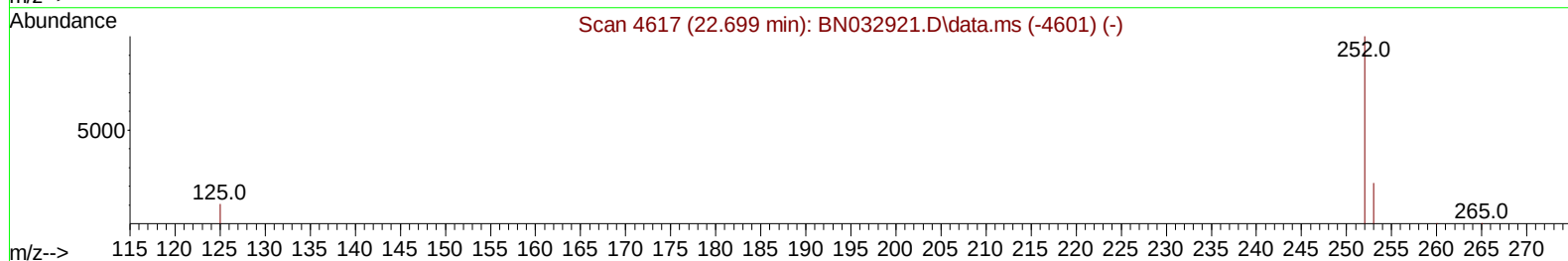
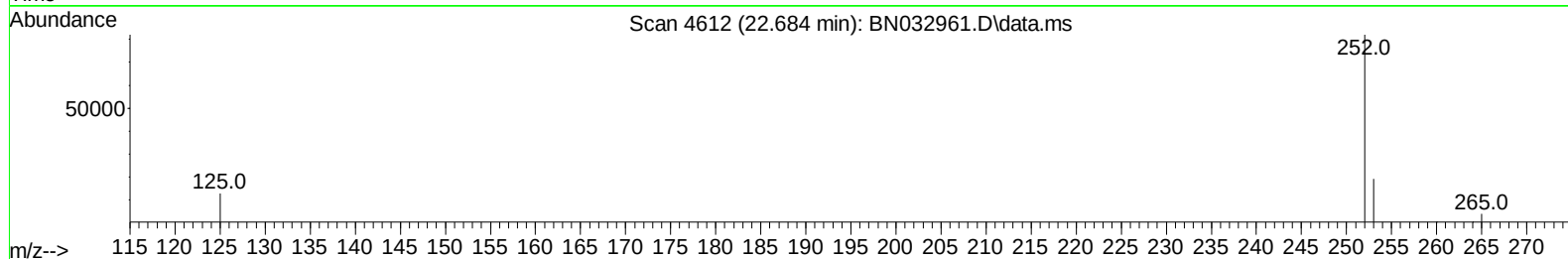
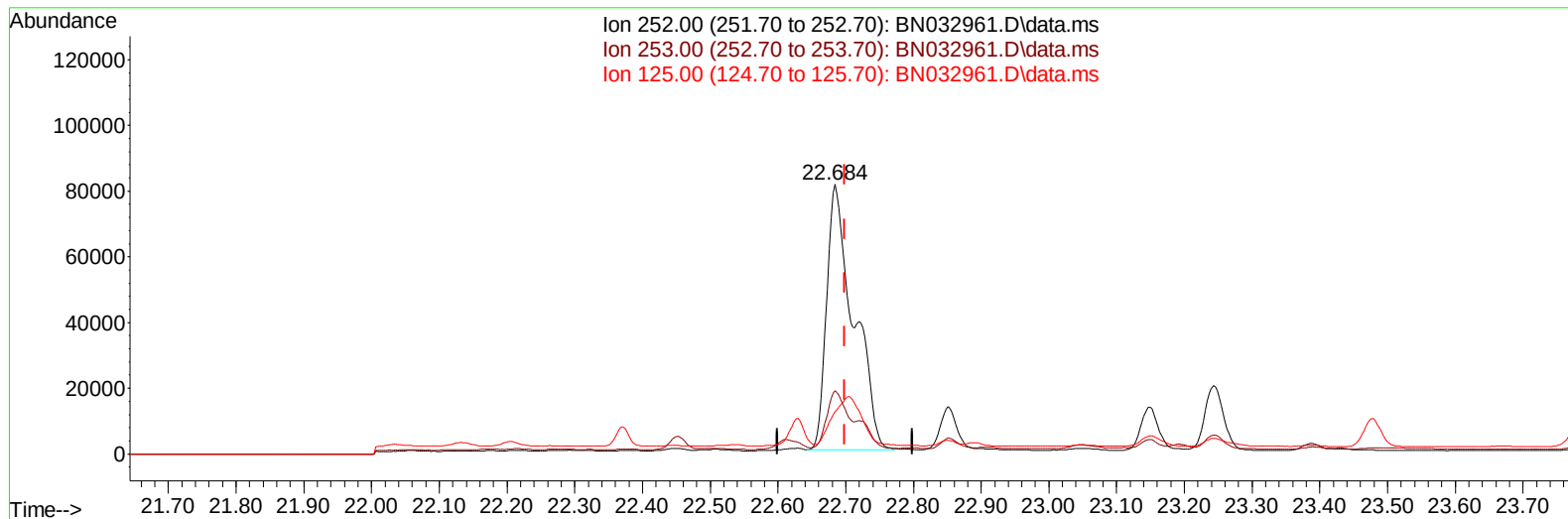
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN072324\  
Data File : BN032961.D  
Acq On : 24 Jul 2024 23:13  
Operator : MA/JU  
Sample : P3215-14DL 5X  
Misc :  
ALS Vial : 73 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
A4D31DL

Manual IntegrationsAPPROVED

Quant Time: Jul 25 00:49:57 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-SIM-BN071224.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat Jul 20 01:52:15 2024  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/25/2024  
Supervised By :mohammad ahmed 07/26/2024



TIC: BN032961.D\data.ms

(24) Benzo(b)fluoranthene

22.684min (-0.015) 4.65 ng/u1

response 223138

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 27.00  | 23.37  |
| 125.00 | 18.00  | 15.66  |
| 0.00   | 0.00   | 0.00   |

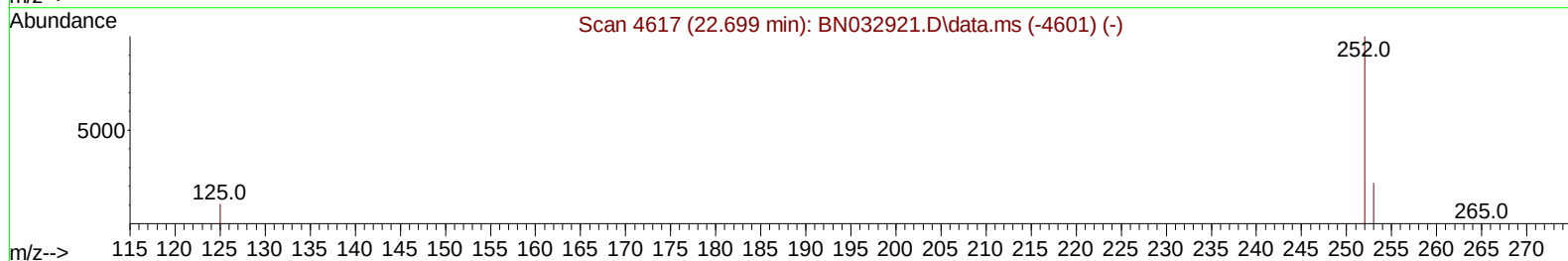
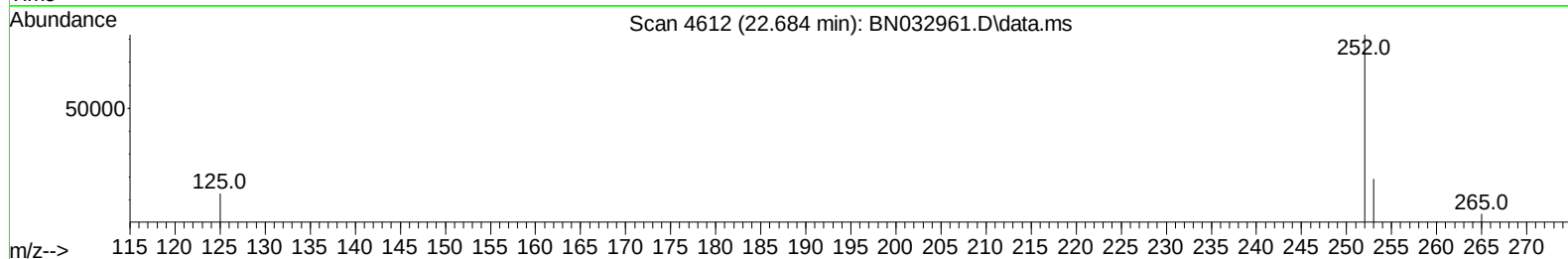
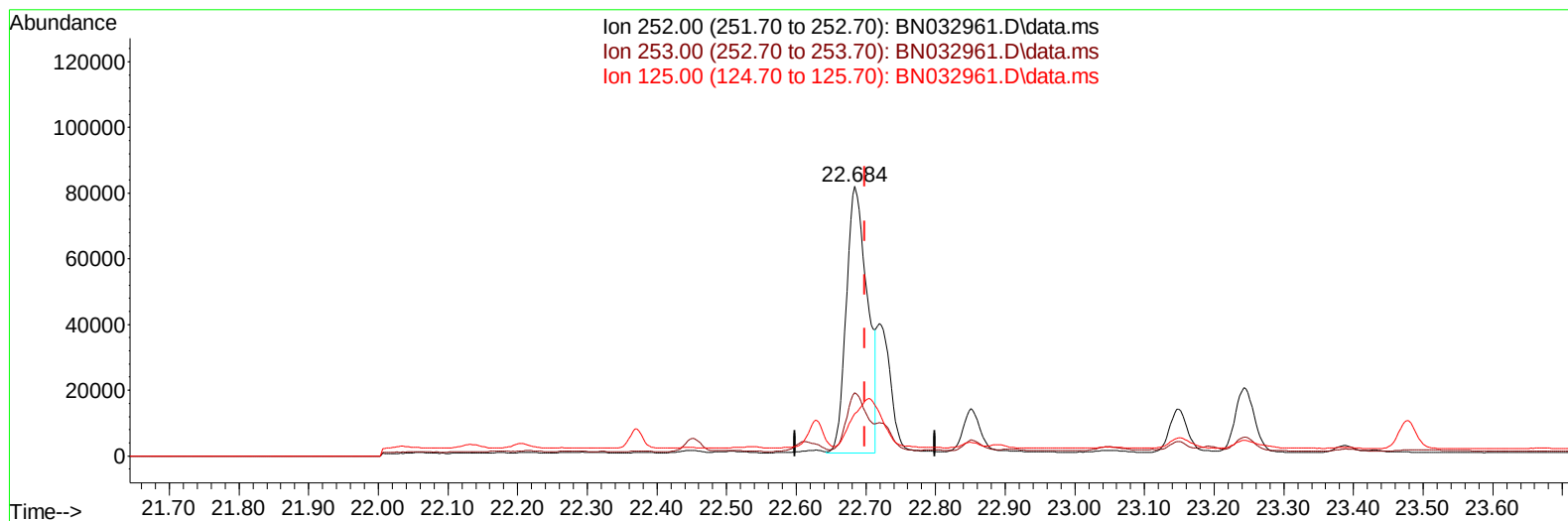
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TIC: BN032961.D\data.ms

(24) Benzo(b)fluoranthene

22.684min (-0.015) 3.58 ng/ul m

response 171487

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 27.00  | 23.37  |
| 125.00 | 18.00  | 15.66  |
| 0.00   | 0.00   | 0.00   |

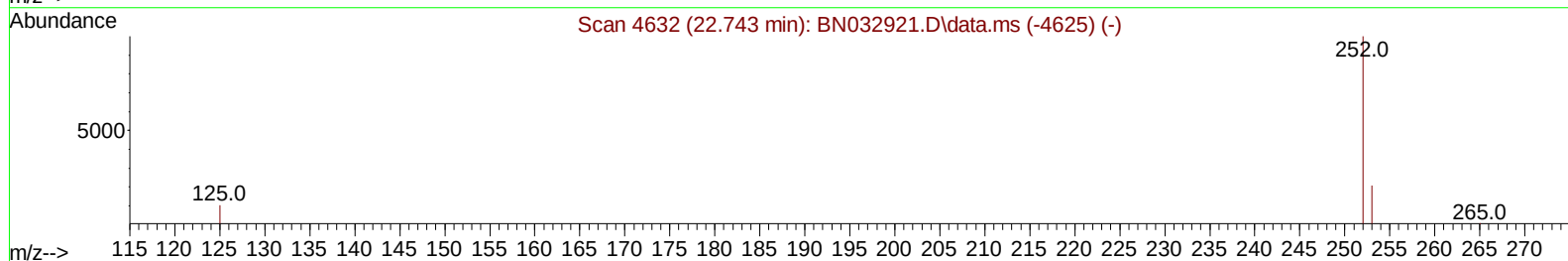
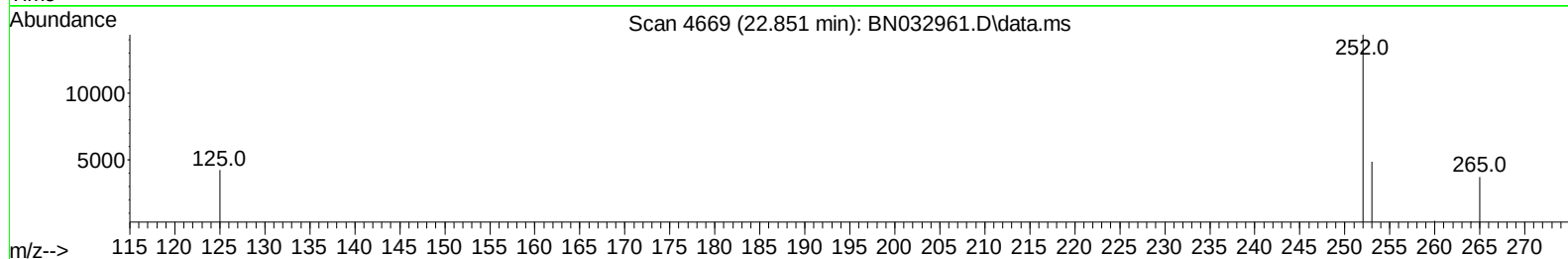
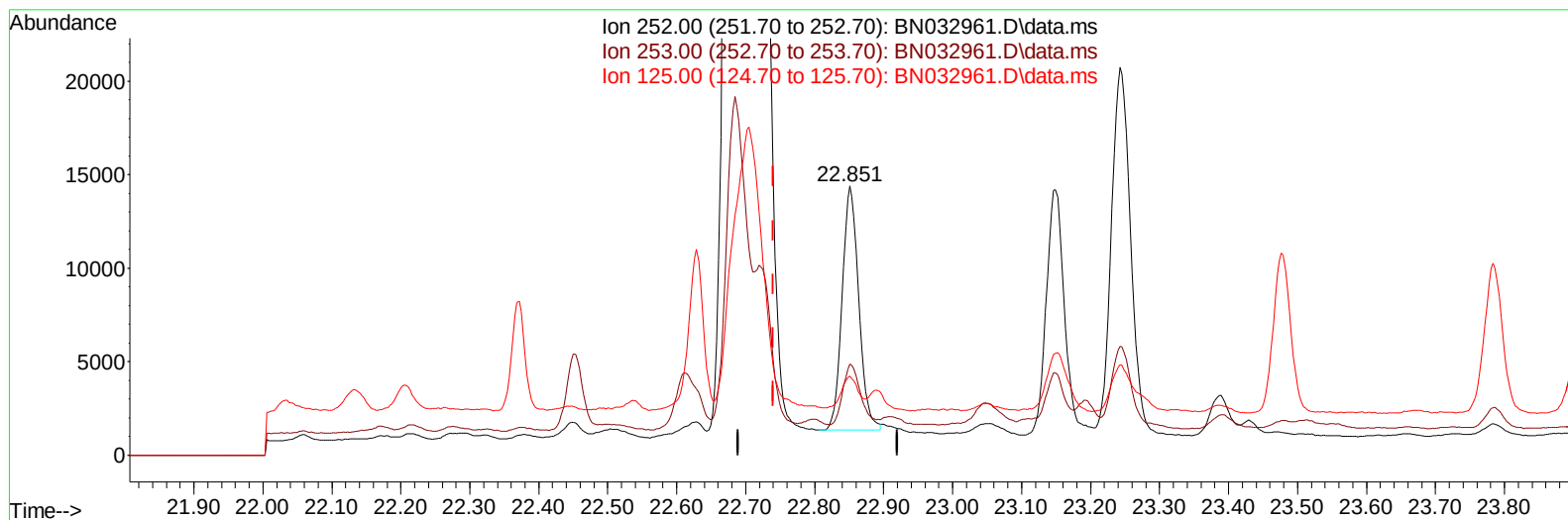
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ALS Vial : 73 Sample Multiplier: 1

Instrument :  
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Manual IntegrationsAPPROVED

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TIC: BN032961.D\data.ms

(25) Benzo(k)fluoranthene

22.851min (+ 0.111) 0.37 ng/u1

response 21825

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 26.50  | 33.77# |
| 125.00 | 18.50  | 29.47# |
| 0.00   | 0.00   | 0.00   |

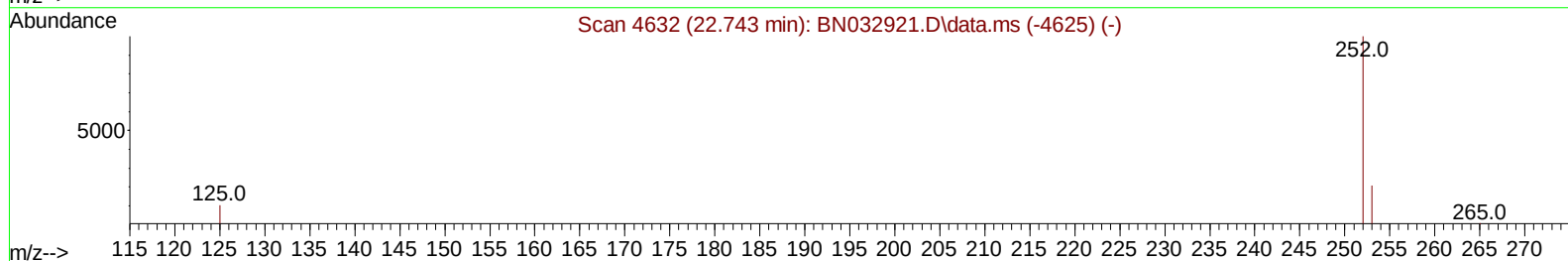
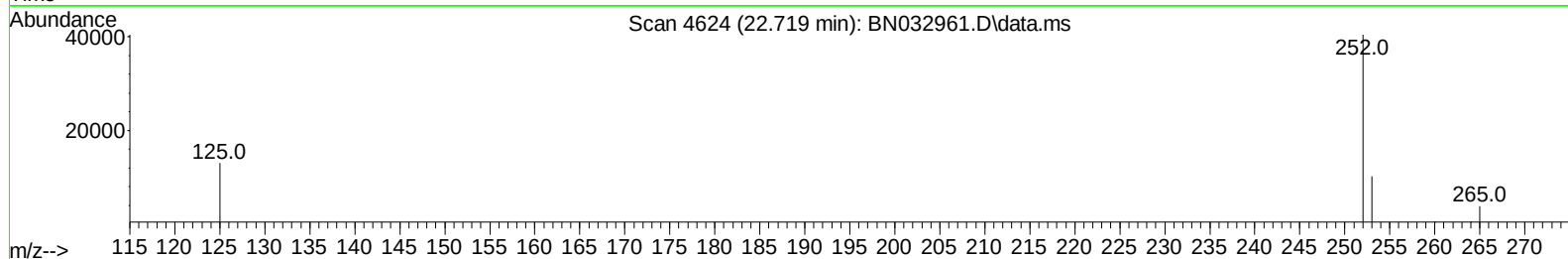
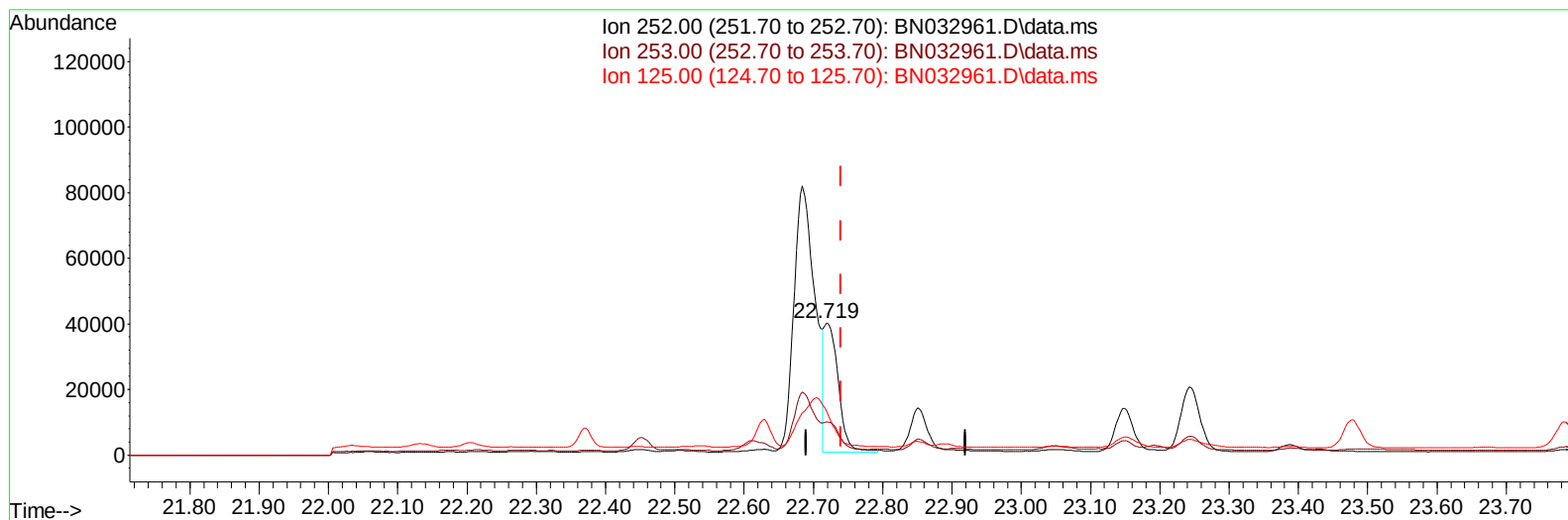
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ALS Vial : 73 Sample Multiplier: 1

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Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 07/26/2024



TIC: BN032961.D\data.ms

(25) Benzo(k)fluoranthene

22.719min (-0.021) 0.95 ng/ul m

response 55414

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 26.50  | 25.11  |
| 125.00 | 18.50  | 32.11# |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN072324\  
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 Operator : MA/JU  
 Sample : P3215-14DL 5X  
 Misc :  
 ALS Vial : 73 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 A4D31DL

## Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/25/2024  
 Supervised By :mohammad ahmed 07/26/2024

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 QLast Update : Sat Jul 20 01:52:15 2024  
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| Compound                    | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|--------|--------|----------|
| -----                       |        |      |          |        |        |          |
| Internal Standards          |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.519  | 152  | 4374     | 0.400  | ng/ul  | -0.02    |
| 4) Naphthalene-d8           | 10.288 | 136  | 14516    | 0.400  | ng/ul  | -0.03    |
| 9) Acenaphthene-d10         | 14.165 | 164  | 8213     | 0.400  | ng/ul  | -0.02    |
| 13) Phenanthrene-d10        | 16.932 | 188  | 13654    | 0.400  | ng/ul  | -0.03    |
| 17) Chrysene-d12            | 21.147 | 240  | 10679    | 0.400  | ng/ul  | #-0.02   |
| 23) Perylene-d12            | 23.342 | 264  | 13594    | 0.400  | ng/ul  | -0.01    |
|                             |        |      |          |        |        |          |
| System Monitoring Compounds |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8           | 3.080  | 96   | 3192     | 0.608  | ng/ul  | -0.01    |
| 6) 2-Methylnaphthalene-d10  | 11.889 | 152  | 1051     | 0.048  | ng/ul  | -0.04    |
| 18) Fluoranthene-d10        | 18.971 | 212  | 1566     | 0.045  | ng/ul  | -0.03    |
|                             |        |      |          |        |        |          |
| Target Compounds            |        |      |          | Qvalue |        |          |
| 5) Naphthalene              | 10.338 | 128  | 14666    | 0.376  | ng/ul  | 99       |
| 7) 2-Methylnaphthalene      | 11.966 | 142  | 12550    | 0.516  | ng/ul  | 97       |
| 8) 1-Methylnaphthalene      | 12.186 | 142  | 11101    | 0.441  | ng/ul  | 100      |
| 10) Acenaphthylene          | 13.888 | 152  | 18770    | 0.566  | ng/ul  | 98       |
| 11) Acenaphthene            | 14.230 | 153  | 3613     | 0.132  | ng/ul  | 97       |
| 12) Fluorene                | 15.229 | 166  | 4210     | 0.134  | ng/ul# | 95       |
| 15) Phenanthrene            | 16.974 | 178  | 108958   | 2.930  | ng/ul  | 99       |
| 16) Anthracene              | 17.067 | 178  | 21475    | 0.707  | ng/ul  | 98       |
| 19) Fluoranthene            | 19.004 | 202  | 227886   | 5.249  | ng/ul  | 99       |
| 20) Pyrene                  | 19.371 | 202  | 123528   | 2.749  | ng/ul  | 99       |
| 21) Benzo(a)anthracene      | 21.133 | 228  | 97040    | 2.855  | ng/ul  | 98       |
| 22) Chrysene                | 21.185 | 228  | 124615   | 2.534  | ng/ul  | 97       |
| 24) Benzo(b)fluoranthene    | 22.684 | 252  | 171487m  | 3.575  | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 22.719 | 252  | 55414m   | 0.948  | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.243 | 252  | 38555    | 0.929  | ng/ul  | 94       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.542 | 276  | 45960    | 0.818  | ng/ul# | 88       |
| 28) Dibenzo(a,h)anthracene  | 25.536 | 278  | 22297    | 0.512  | ng/ul# | 71       |
| 29) Benzo(g,h,i)perylene    | 26.226 | 276  | 6422     | 0.137  | ng/ul# | 49       |
| -----                       |        |      |          |        |        |          |

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

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ALS Vial : 73 Sample Multiplier: 1

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A4D31DL

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