

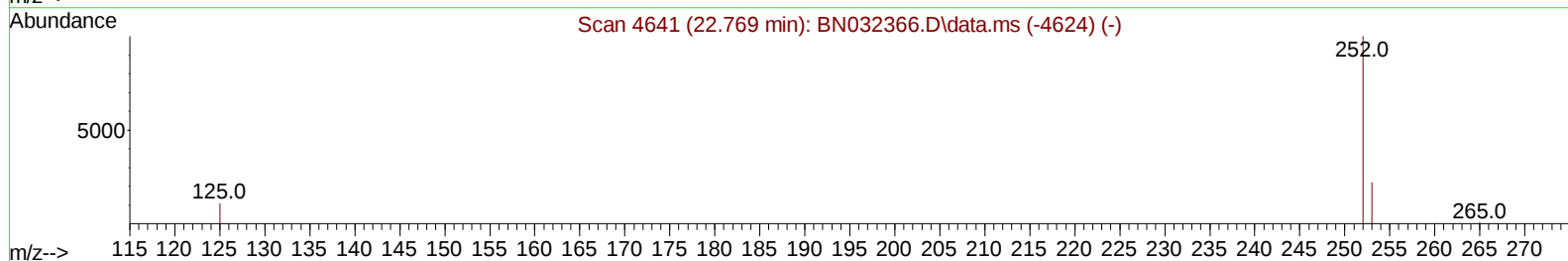
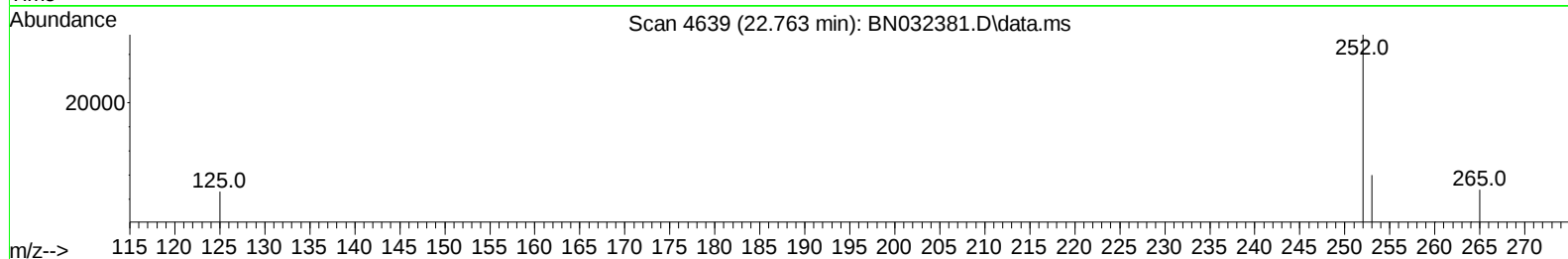
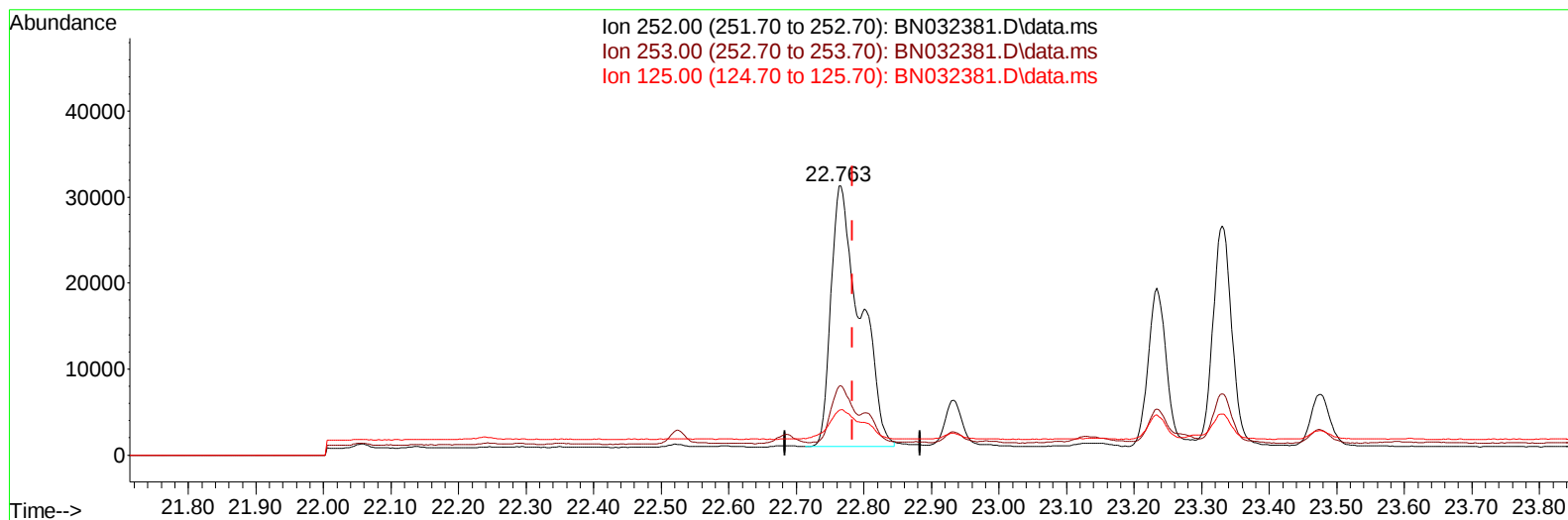
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN070124\  
Data File : BN032381.D  
Acq On : 02 Jul 2024 02:45  
Operator : MA/JU  
Sample : P2934-17DL 5X  
Misc :  
ALS Vial : 26 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
A4CQ3DL

Manual IntegrationsAPPROVED

Quant Time: Jul 02 03:11:47 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-SIM-BN062724.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Jun 27 13:23:38 2024  
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/02/2024  
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032381.D\data.ms

(24) Benzo(b)fluoranthene

22.763min (-0.021) 0.92 ng/u1

response 90820

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 25.10  | 25.68  |
| 125.00 | 16.00  | 16.75  |
| 0.00   | 0.00   | 0.00   |

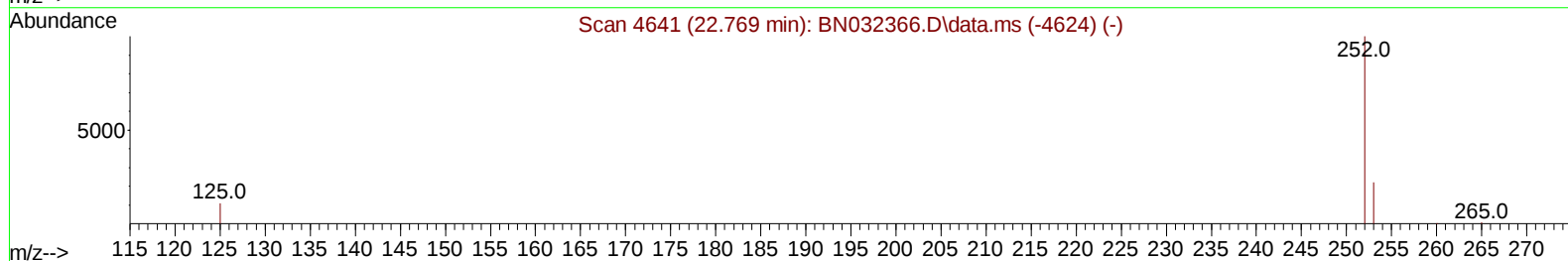
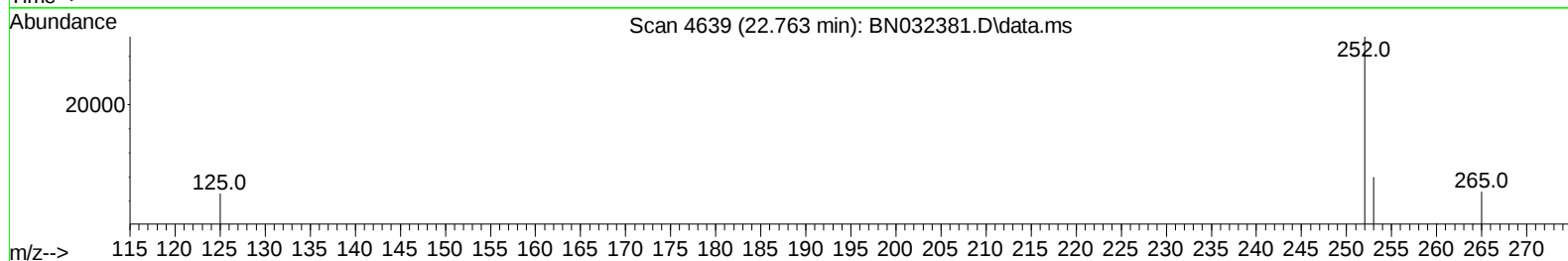
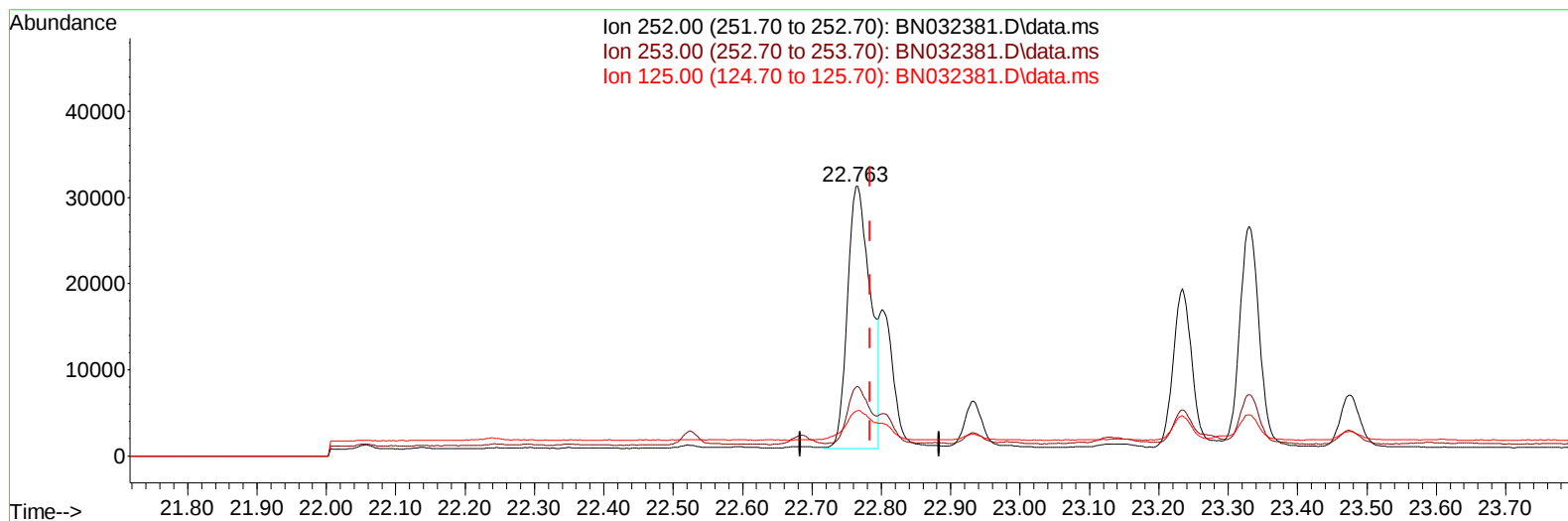
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TIC: BN032381.D\data.ms

(24) Benzo(b)fluoranthene

22.763min (-0.021) 0.71 ng/u1 m

response 69668

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 25.10  | 25.68  |
| 125.00 | 16.00  | 16.75  |
| 0.00   | 0.00   | 0.00   |

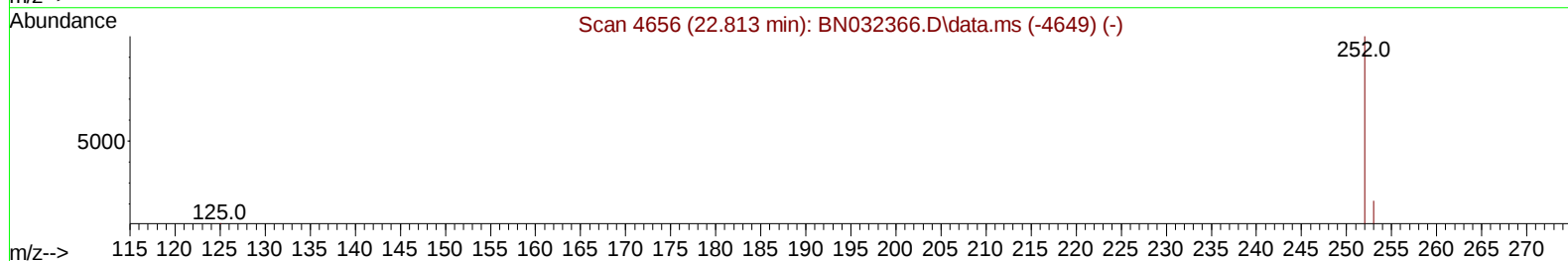
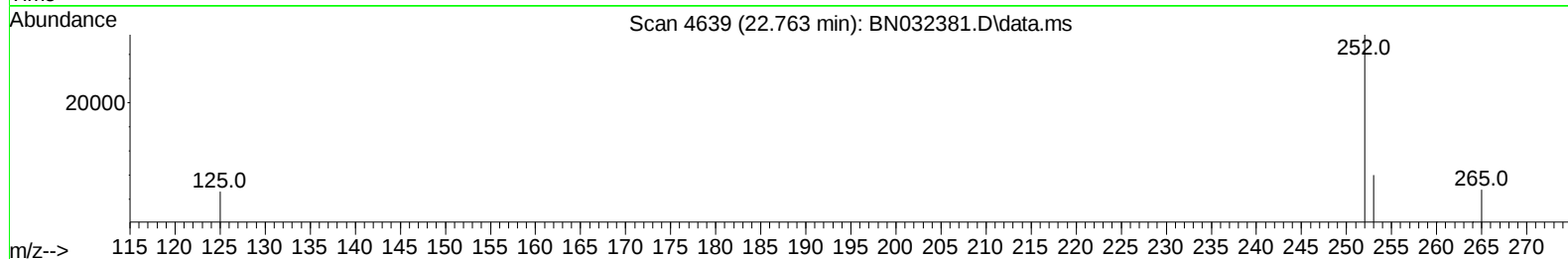
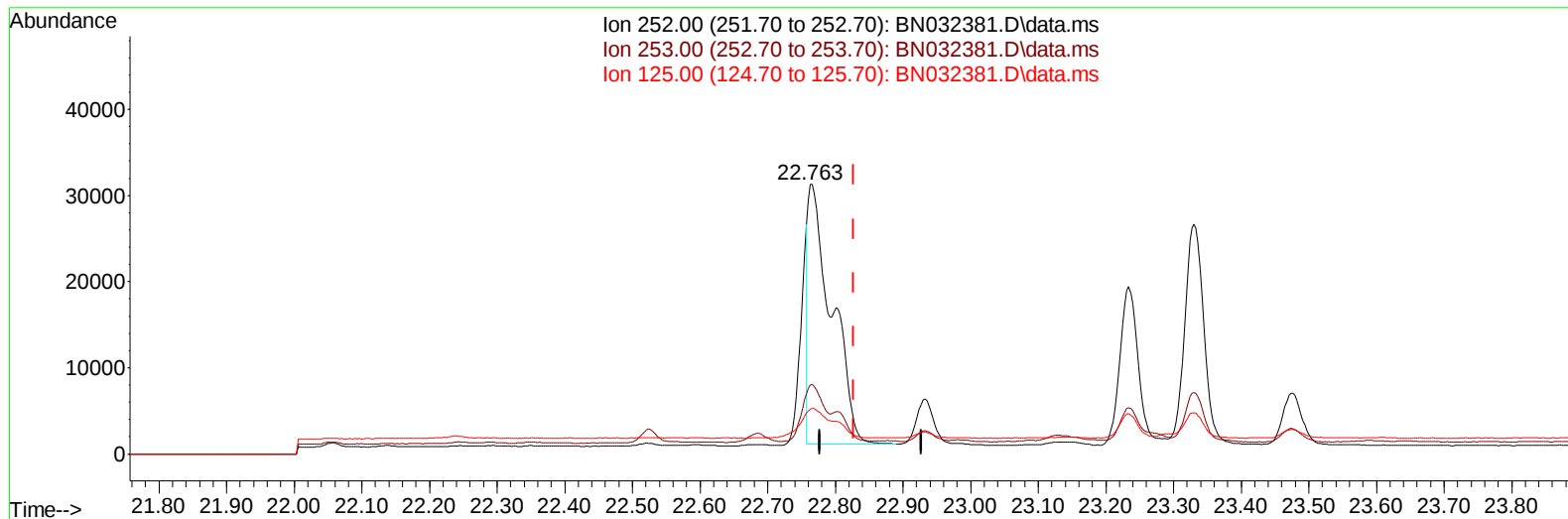
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ALS Vial : 26 Sample Multiplier: 1

Instrument :  
BNA\_N  
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A4CQ3DL

Manual IntegrationsAPPROVED

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TIC: BN032381.D\data.ms

(25) Benzo(k)fluoranthene

22.763min (-0.064) 0.76 ng/u1

response 72771

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 25.40  | 25.68  |
| 125.00 | 16.00  | 16.75  |
| 0.00   | 0.00   | 0.00   |

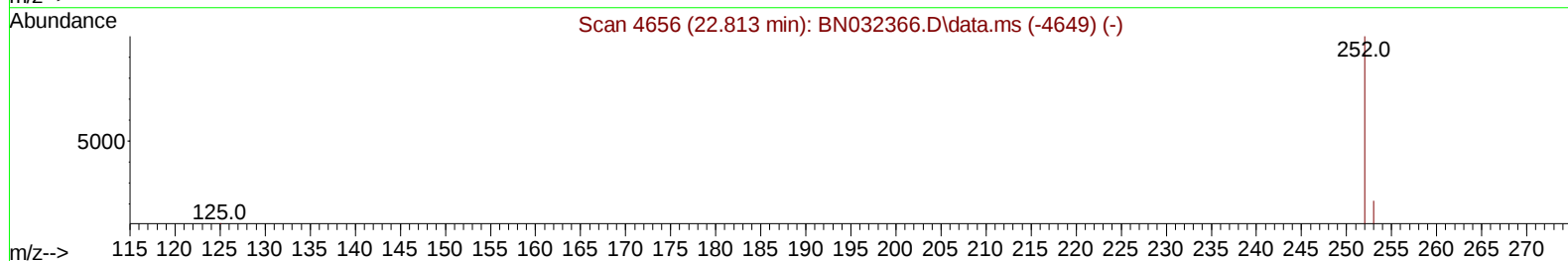
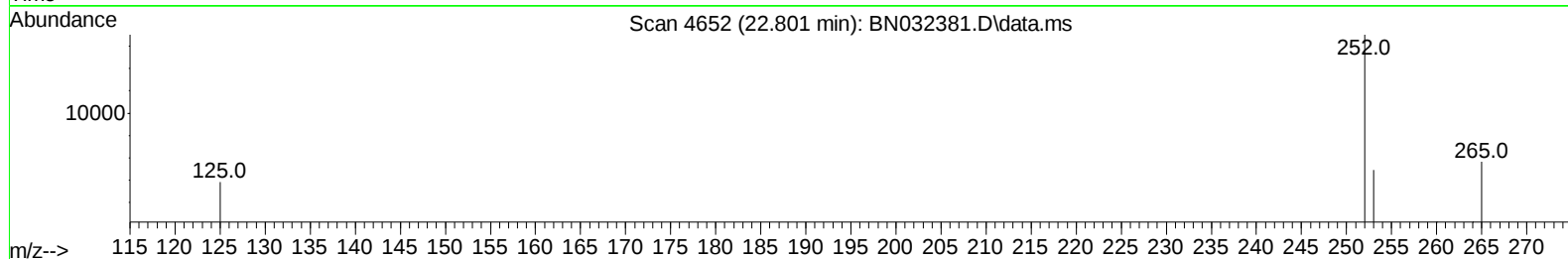
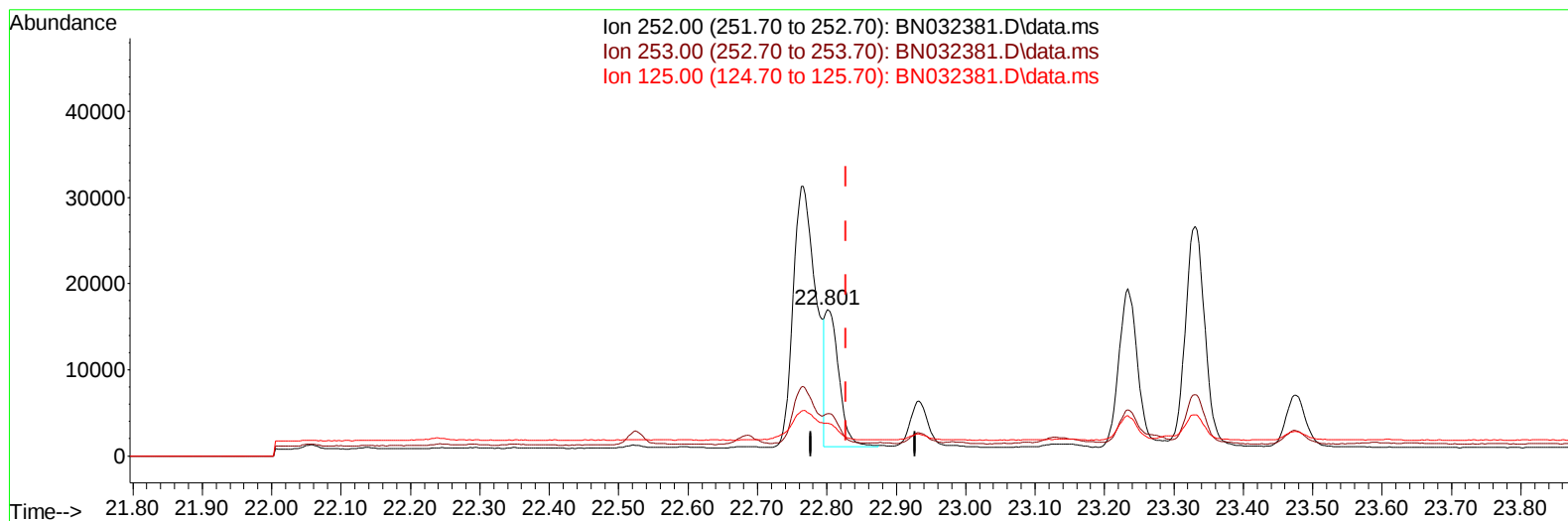
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ALS Vial : 26 Sample Multiplier: 1

Instrument :  
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Manual IntegrationsAPPROVED

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TIC: BN032381.D\data.ms

(25) Benzo(k)fluoranthene

22.801min (-0.026) 0.23 ng/u1 m

response 21995

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 25.40  | 28.88  |
| 125.00 | 16.00  | 22.49# |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN070124\  
 Data File : BN032381.D  
 Acq On : 02 Jul 2024 02:45  
 Operator : MA/JU  
 Sample : P2934-17DL 5X  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 A4CQ3DL

## Manual IntegrationsAPPROVED

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 Supervised By :mohammad ahmed 07/04/2024

Quant Time: Jul 02 03:11:47 2024  
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jun 27 13:23:38 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.607  | 152  | 7763     | 0.400 | ng/ul  | -0.01    |
| 4) Naphthalene-d8           | 10.382 | 136  | 21669    | 0.400 | ng/ul  | -0.02    |
| 9) Acenaphthene-d10         | 14.253 | 164  | 11081    | 0.400 | ng/ul  | -0.01    |
| 13) Phenanthrene-d10        | 17.007 | 188  | 20477    | 0.400 | ng/ul  | -0.02    |
| 17) Chrysene-d12            | 21.214 | 240  | 18291    | 0.400 | ng/ul  | -0.01    |
| 23) Perylene-d12            | 23.427 | 264  | 22602    | 0.400 | ng/ul  | -0.03    |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.148  | 96   | 6989     | 0.810 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 11.988 | 152  | 1573     | 0.048 | ng/ul  | -0.01    |
| 18) Fluoranthene-d10        | 19.045 | 212  | 2886     | 0.052 | ng/ul  | -0.01    |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 5) Naphthalene              | 10.431 | 128  | 2104     | 0.037 | ng/ul# | 83       |
| 7) 2-Methylnaphthalene      | 12.059 | 142  | 942      | 0.025 | ng/ul  | 96       |
| 8) 1-Methylnaphthalene      | 12.279 | 142  | 849      | 0.022 | ng/ul  | 94       |
| 10) Acenaphthylene          | 13.975 | 152  | 3336     | 0.072 | ng/ul# | 90       |
| 11) Acenaphthene            | 14.318 | 153  | 3576     | 0.100 | ng/ul  | 98       |
| 12) Fluorene                | 15.312 | 166  | 3569     | 0.084 | ng/ul# | 97       |
| 15) Phenanthrene            | 17.050 | 178  | 66631    | 1.187 | ng/ul  | 99       |
| 16) Anthracene              | 17.143 | 178  | 13478    | 0.269 | ng/ul  | 97       |
| 19) Fluoranthene            | 19.073 | 202  | 103043   | 1.479 | ng/ul  | 98       |
| 20) Pyrene                  | 19.440 | 202  | 102727   | 1.411 | ng/ul  | 99       |
| 21) Benzo(a)anthracene      | 21.197 | 228  | 51840    | 0.785 | ng/ul  | 97       |
| 22) Chrysene                | 21.249 | 228  | 49521    | 0.683 | ng/ul  | 97       |
| 24) Benzo(b)fluoranthene    | 22.763 | 252  | 69668m   | 0.709 | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 22.801 | 252  | 21995m   | 0.231 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.330 | 252  | 50003    | 0.732 | ng/ul  | 97       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.663 | 276  | 35099    | 0.328 | ng/ul# | 91       |
| 28) Dibenzo(a,h)anthracene  | 25.666 | 278  | 8157     | 0.103 | ng/ul# | 65       |
| 29) Benzo(g,h,i)perylene    | 26.347 | 276  | 34026    | 0.399 | ng/ul  | 96       |
| -----                       |        |      |          |       |        |          |

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

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