

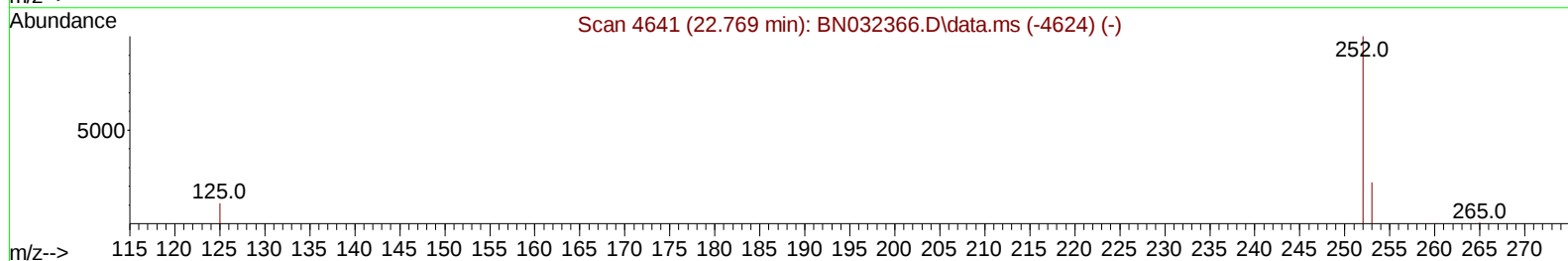
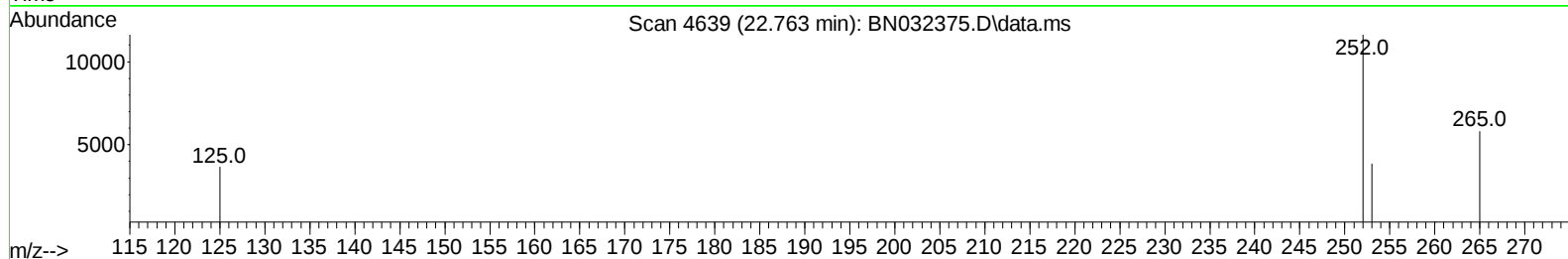
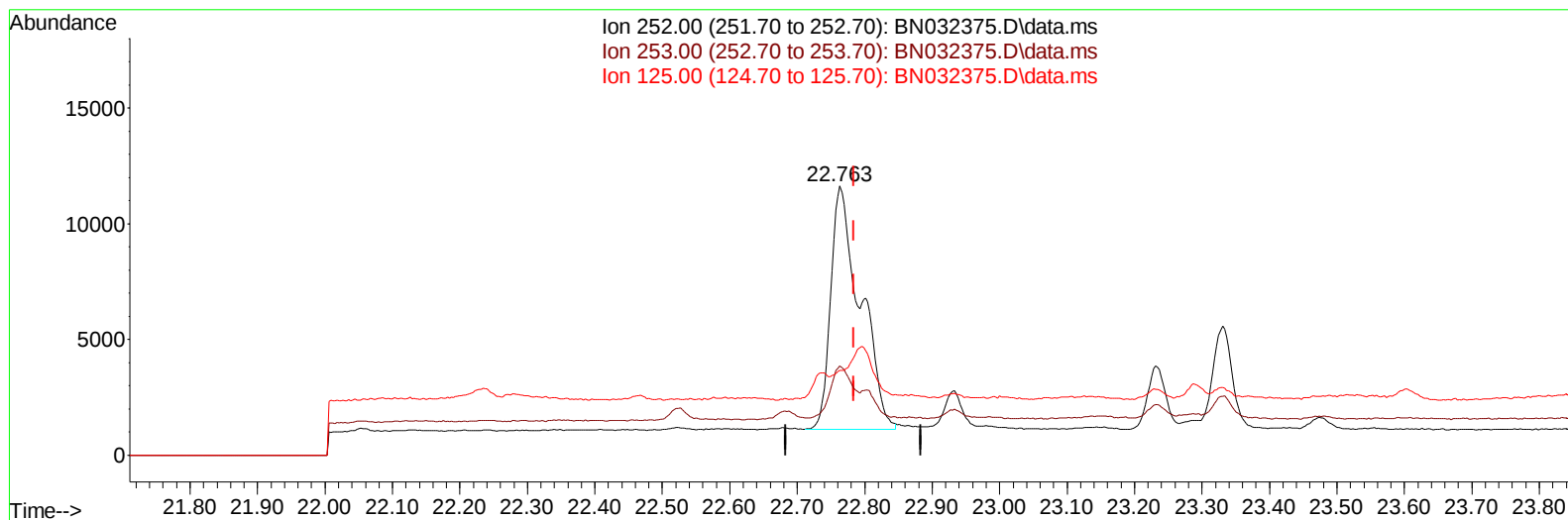
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN070124\  
Data File : BN032375.D  
Acq On : 01 Jul 2024 23:08  
Operator : MA/JU  
Sample : P2934-03DL 5X  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
A4B61DL

## Manual IntegrationsAPPROVED

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

Quant Time: Jul 01 23:46:28 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



TIC: BN032375.D\data.ms

## (24) Benzo(b)fluoranthene

22.763min (-0.020) 0.29 ng/u1

response 31953

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 25.10  | 33.14  |
| 125.00 | 16.00  | 31.54  |
| 0.00   | 0.00   | 0.00   |

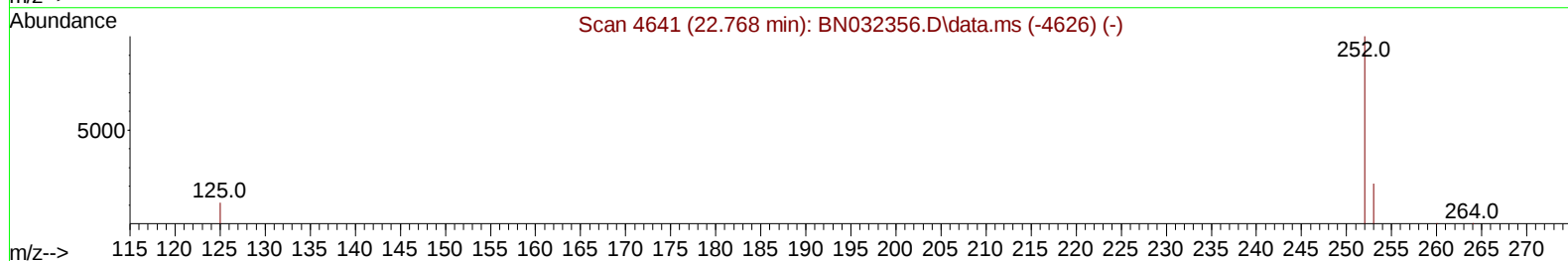
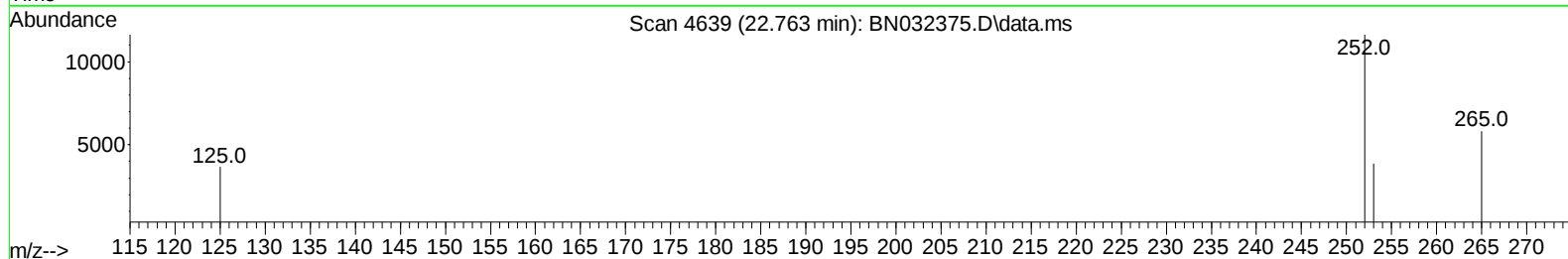
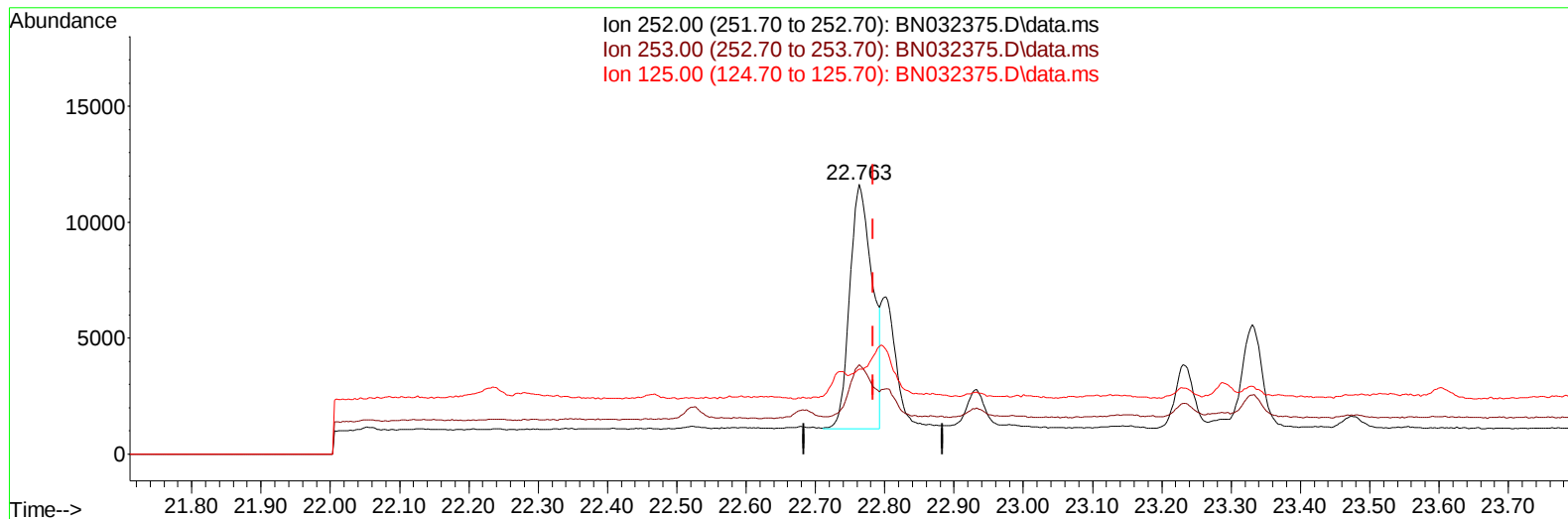
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN070124\  
Data File : BN032375.D  
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Instrument :  
BNA\_N  
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A4B61DL

Manual IntegrationsAPPROVED

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TIC: BN032375.D\data.ms

(24) Benzo(b)fluoranthene

22.763min (-0.020) 0.22 ng/u1 m

response 23899

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 25.10  | 33.14  |
| 125.00 | 16.00  | 31.54  |
| 0.00   | 0.00   | 0.00   |

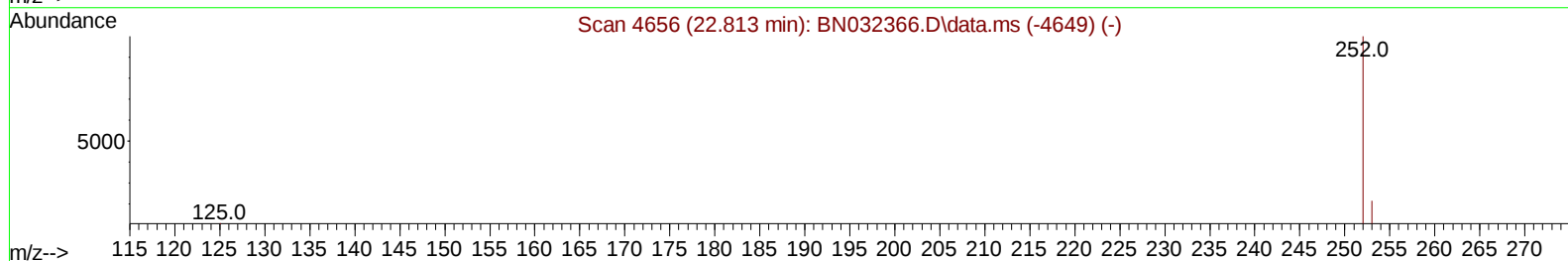
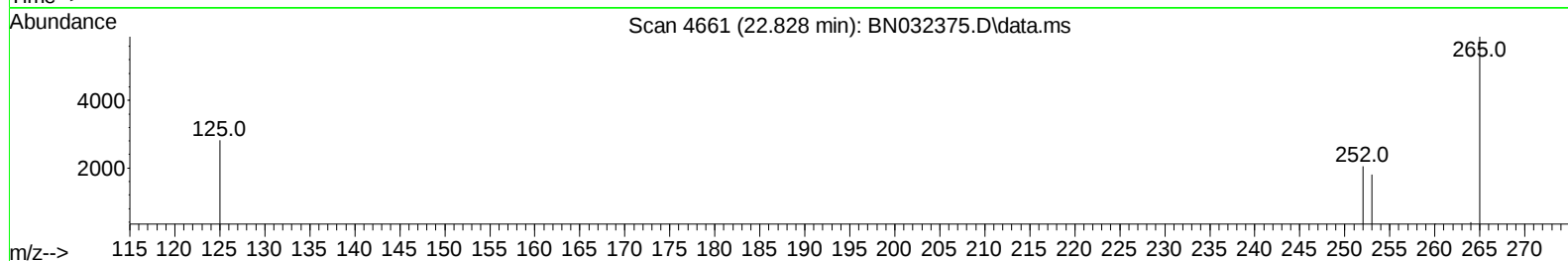
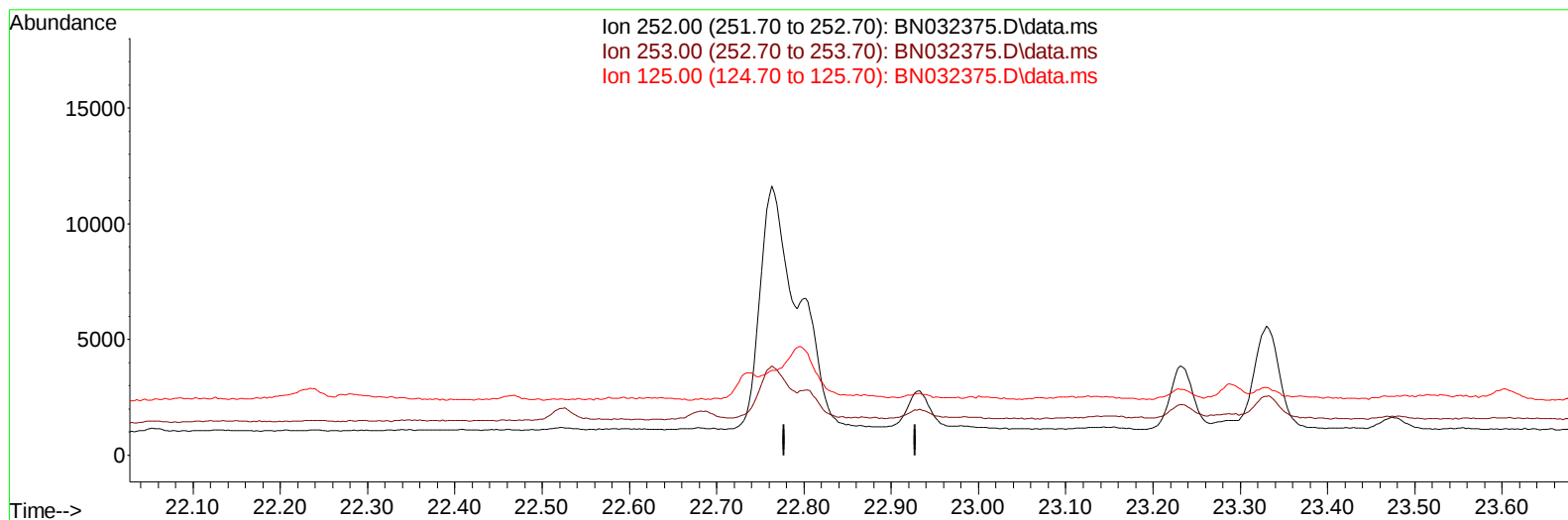
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN070124\  
Data File : BN032375.D  
Acq On : 01 Jul 2024 23:08  
Operator : MA/JU  
Sample : P2934-03DL 5X  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
A4B61DL

Manual IntegrationsAPPROVED

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TIC: BN032375.D\data.ms

(25) Benzo(k)fluoranthene

22.828min (-22.828) 0.00 ng/u1

response 0

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

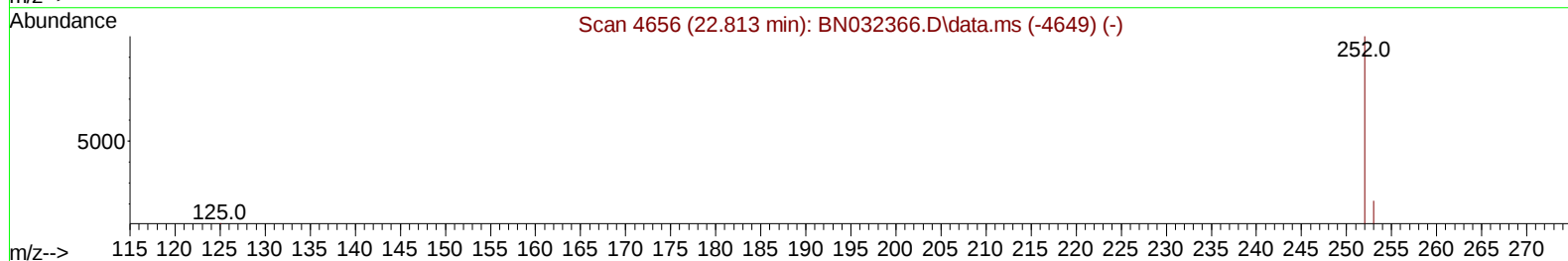
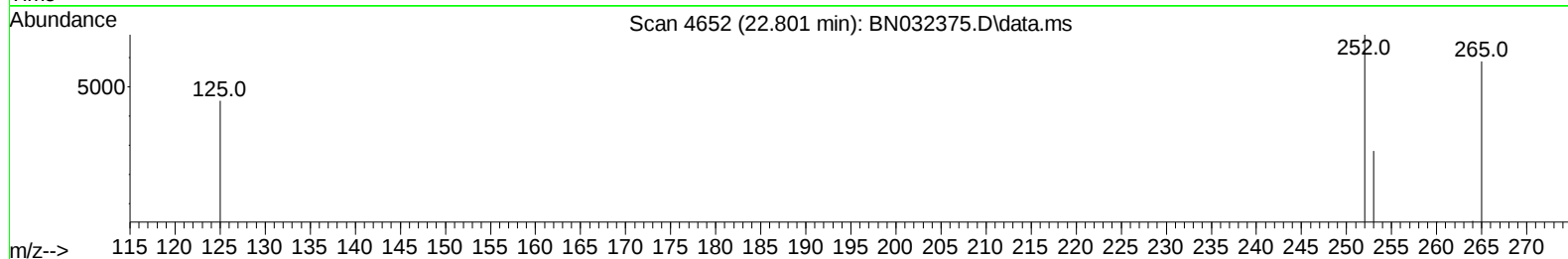
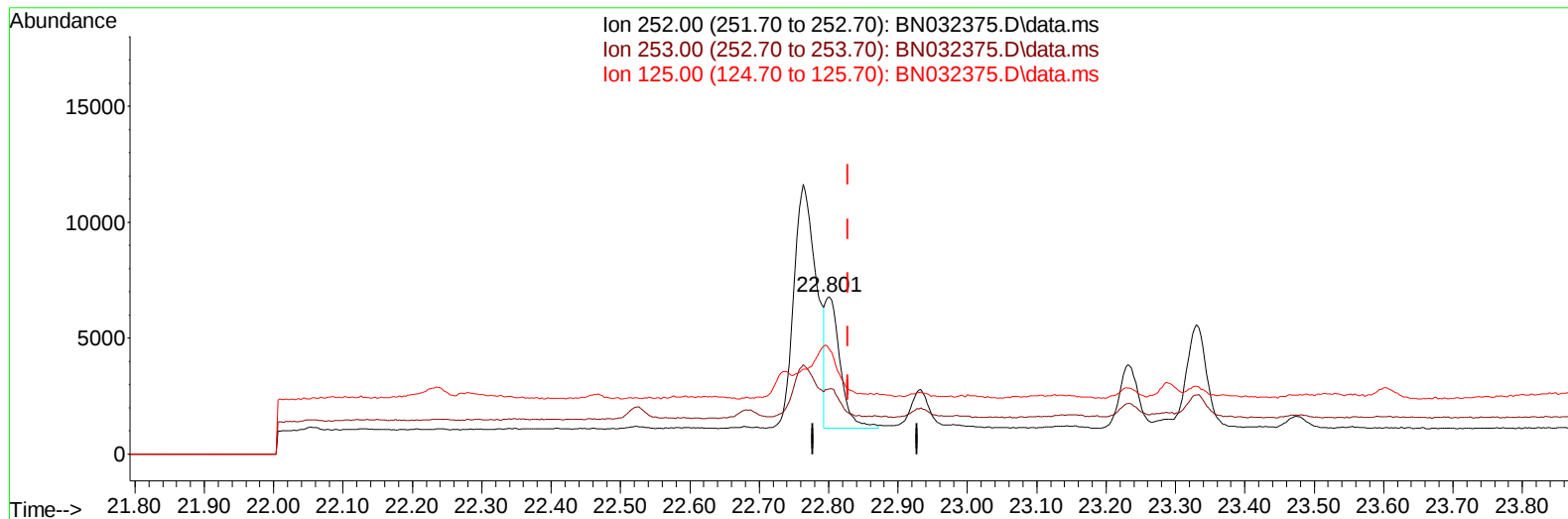
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN070124\  
Data File : BN032375.D  
Acq On : 01 Jul 2024 23:08  
Operator : MA/JU  
Sample : P2934-03DL 5X  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
A4B61DL

Manual IntegrationsAPPROVED

Quant Time: Jul 01 23:46:28 2024  
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Supervised By :mohammad ahmed 07/04/2024



TIC: BN032375.D\data.ms

(25) Benzo(k)fluoranthene

22.801min (-0.026) 0.08 ng/u1 m

response 8508

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 25.40  | 41.40# |
| 125.00 | 16.00  | 66.46# |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN070124\  
 Data File : BN032375.D  
 Acq On : 01 Jul 2024 23:08  
 Operator : MA/JU  
 Sample : P2934-03DL 5X  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 A4B61DL

Manual IntegrationsAPPROVED

Quant Time: Jul 01 23:46:28 2024  
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jun 27 13:23:38 2024  
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Reviewed By :Jagrut Upadhyay 07/02/2024  
 Supervised By :mohammad ahmed 07/04/2024

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.608  | 152  | 7162     | 0.400 | ng/ul  | -0.01    |
| 4) Naphthalene-d8           | 10.387 | 136  | 20257    | 0.400 | ng/ul  | -0.01    |
| 9) Acenaphthene-d10         | 14.258 | 164  | 11181    | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.012 | 188  | 22381    | 0.400 | ng/ul  | -0.01    |
| 17) Chrysene-d12            | 21.212 | 240  | 20788    | 0.400 | ng/ul  | -0.01    |
| 23) Perylene-d12            | 23.427 | 264  | 25543    | 0.400 | ng/ul  | -0.03    |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.152  | 96   | 5314     | 0.668 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 11.988 | 152  | 1212     | 0.040 | ng/ul  | -0.01    |
| 18) Fluoranthene-d10        | 19.045 | 212  | 2731     | 0.044 | ng/ul  | -0.01    |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 10) Acenaphthylene          | 13.976 | 152  | 1623     | 0.035 | ng/ul# | 80       |
| 15) Phenanthrene            | 17.050 | 178  | 12434    | 0.203 | ng/ul  | 97       |
| 16) Anthracene              | 17.143 | 178  | 2834     | 0.052 | ng/ul# | 76       |
| 19) Fluoranthene            | 19.078 | 202  | 30025    | 0.379 | ng/ul  | 99       |
| 20) Pyrene                  | 19.441 | 202  | 22822    | 0.276 | ng/ul  | 97       |
| 21) Benzo(a)anthracene      | 21.197 | 228  | 14727    | 0.196 | ng/ul# | 89       |
| 22) Chrysene                | 21.250 | 228  | 14884    | 0.181 | ng/ul# | 89       |
| 24) Benzo(b)fluoranthene    | 22.763 | 252  | 23899m   | 0.215 | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 22.801 | 252  | 8508m    | 0.079 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.330 | 252  | 8819     | 0.114 | ng/ul# | 52       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.666 | 276  | 9566     | 0.079 | ng/ul# | 91       |
| 28) Dibenzo(a,h)anthracene  | 25.666 | 278  | 2841     | 0.032 | ng/ul# | 1        |
| -----                       |        |      |          |       |        |          |

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

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