

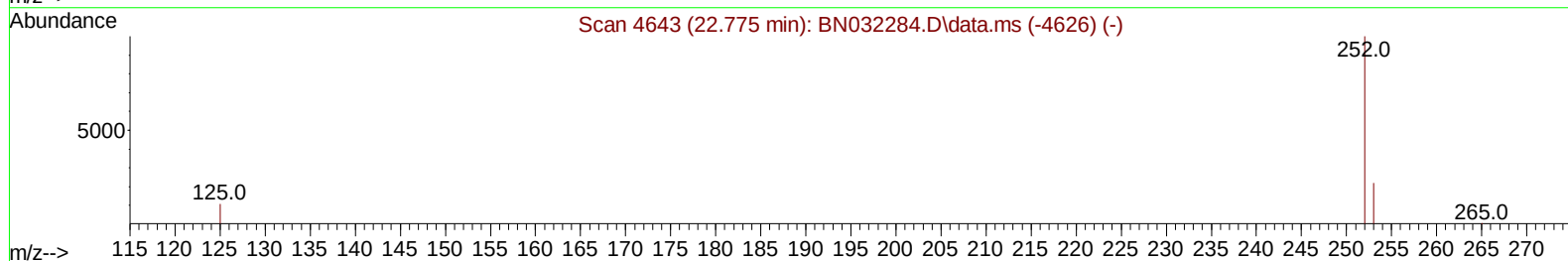
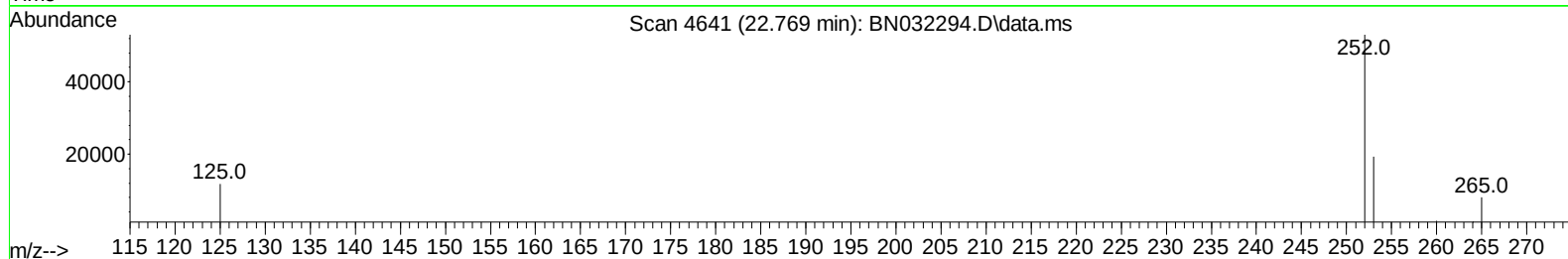
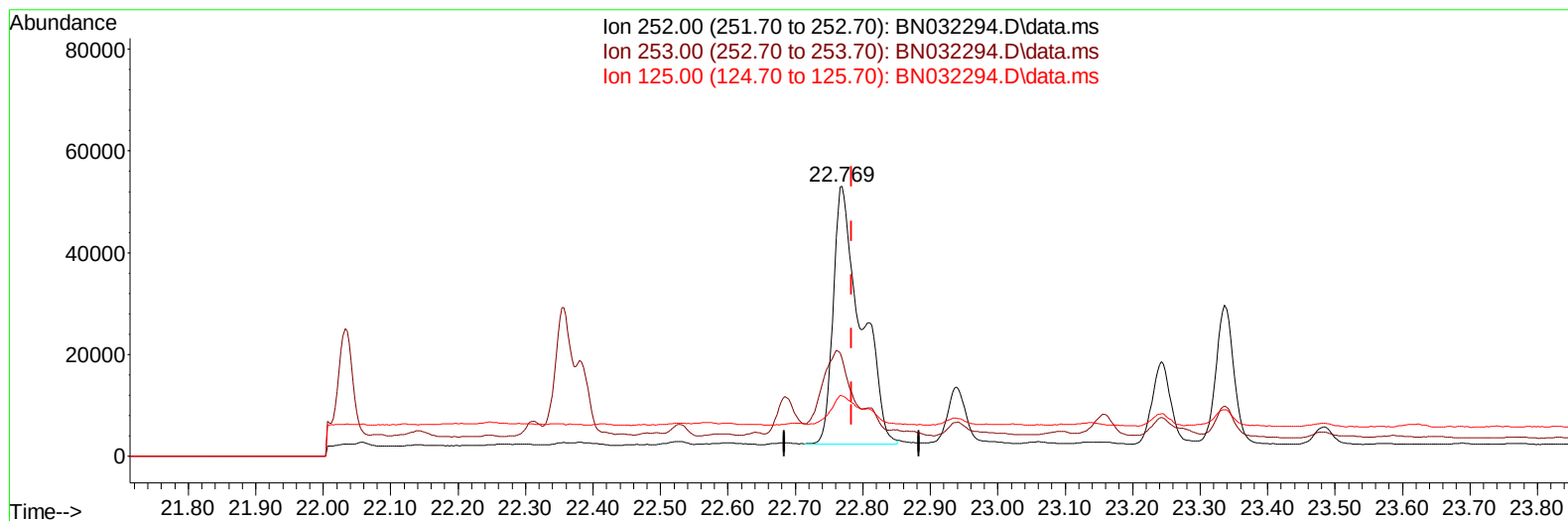
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN062724\  
Data File : BN032294.D  
Acq On : 27 Jun 2024 23:43  
Operator : MA/JU  
Sample : P2909-02DL 5X  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
A4B76DL

Manual IntegrationsAPPROVED

Quant Time: Jun 28 00:28:37 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 :Yogesh Patel 06/28/2024  
Supervised By :mohammad ahmed 06/28/2024



TIC: BN032294.D\data.ms

(24) Benzo(b)fluoranthene

22.769min (-0.015) 1.38 ng/u1

response 144137

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 25.10  | 36.32  |
| 125.00 | 16.00  | 22.36  |
| 0.00   | 0.00   | 0.00   |

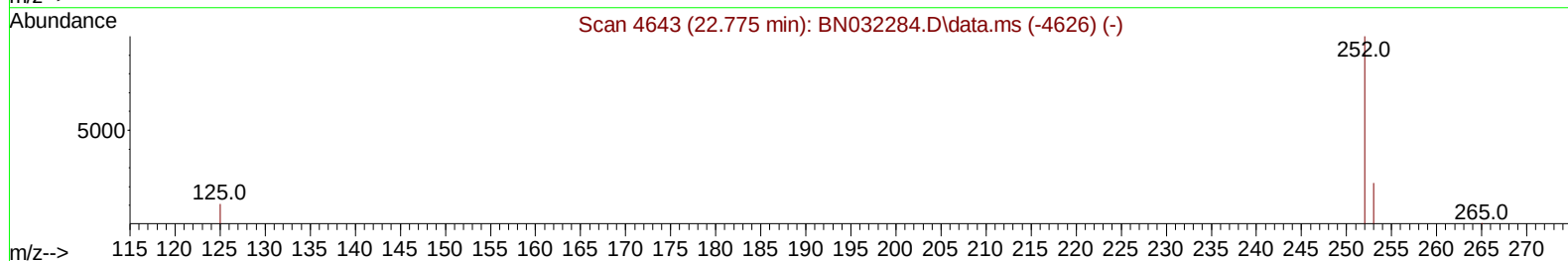
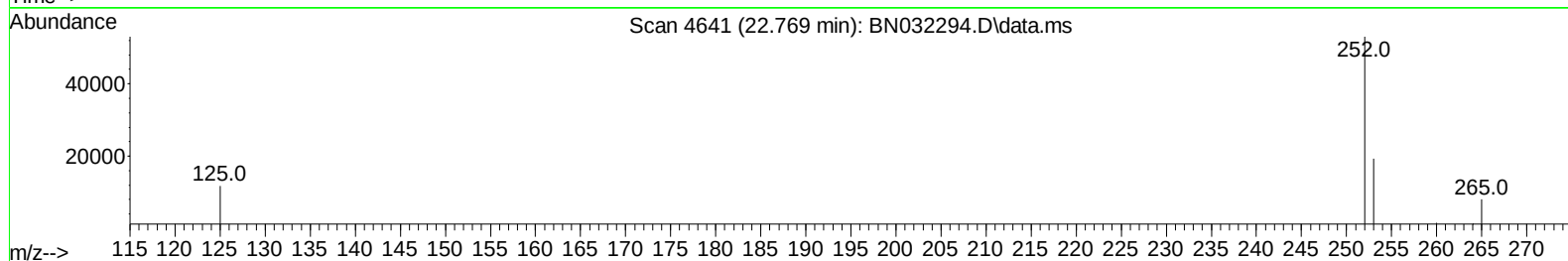
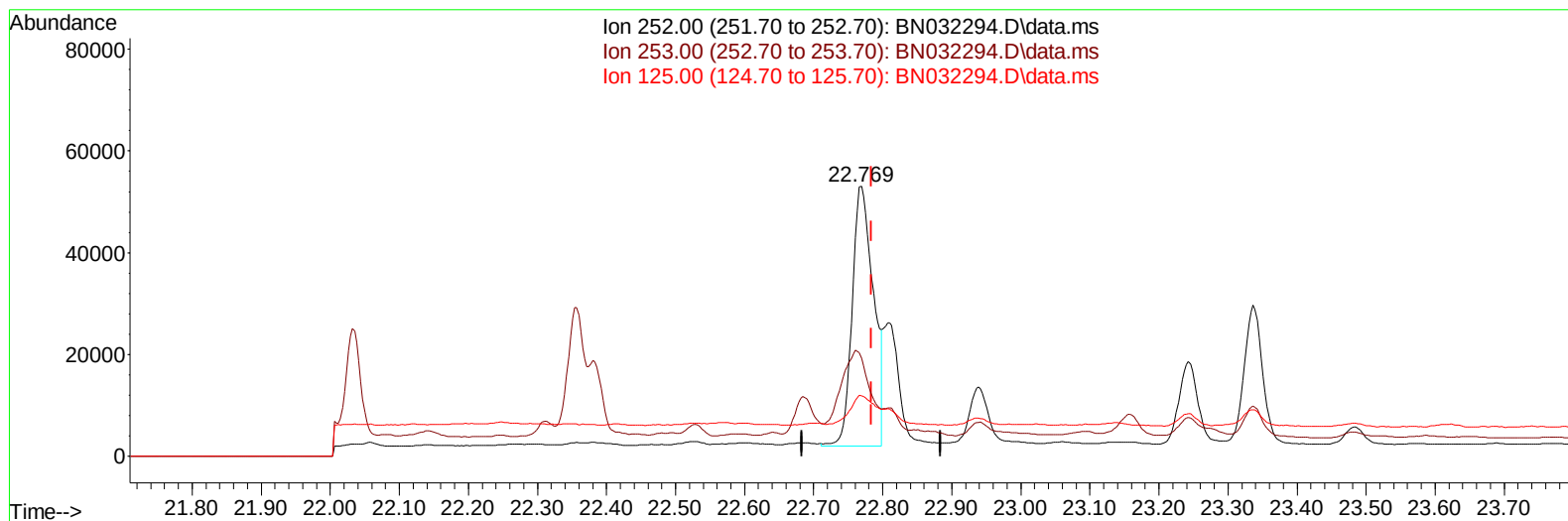
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(24) Benzo(b)fluoranthene

22.769min (-0.015) 1.06 ng/ul m

response 110210

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 25.10  | 36.32  |
| 125.00 | 16.00  | 22.36  |
| 0.00   | 0.00   | 0.00   |

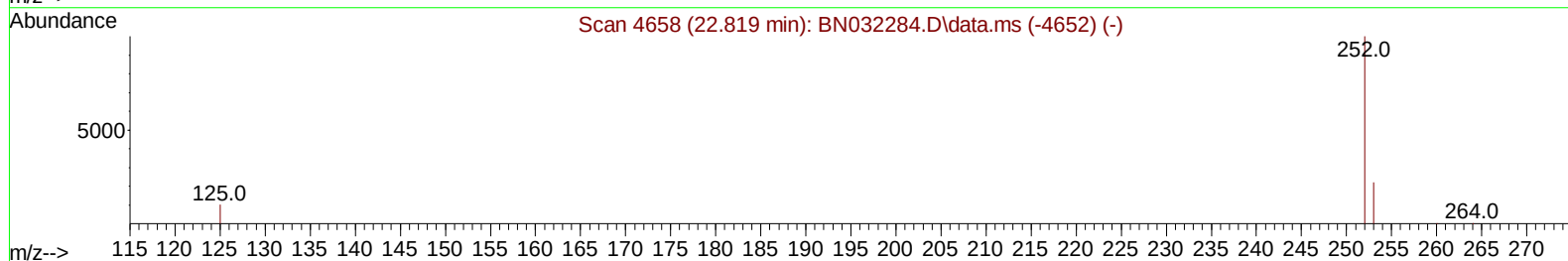
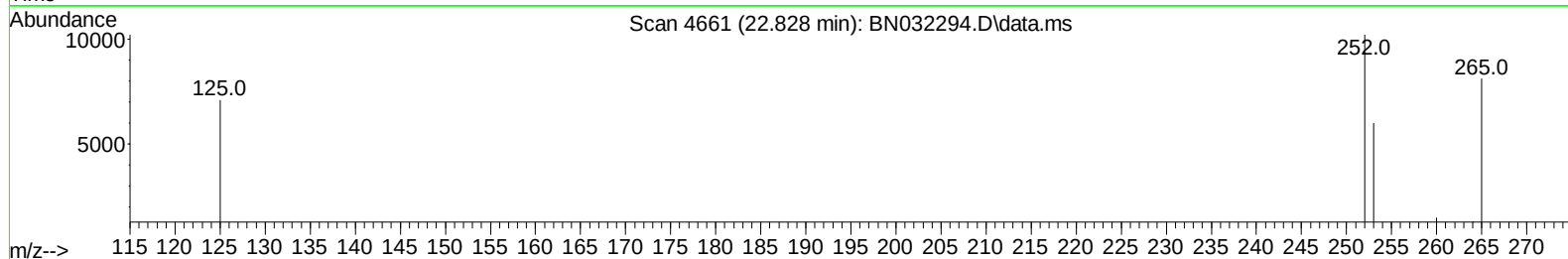
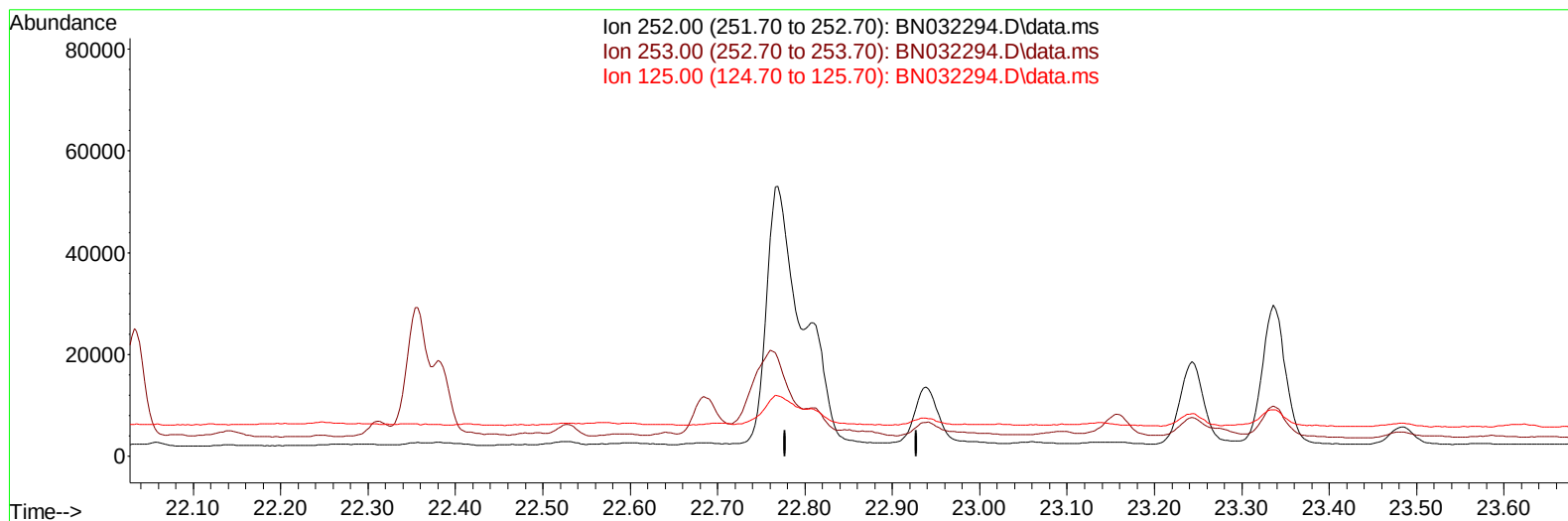
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Sample : P2909-02DL 5X  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
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Manual IntegrationsAPPROVED

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TIC: BN032294.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  |

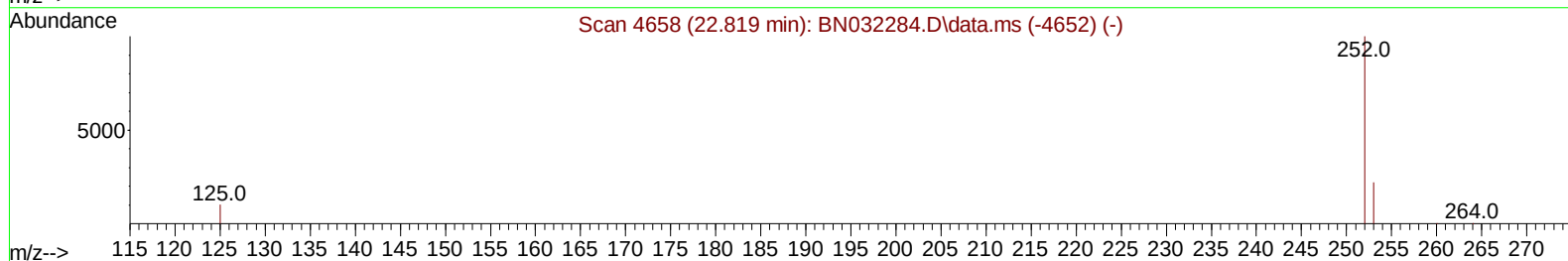
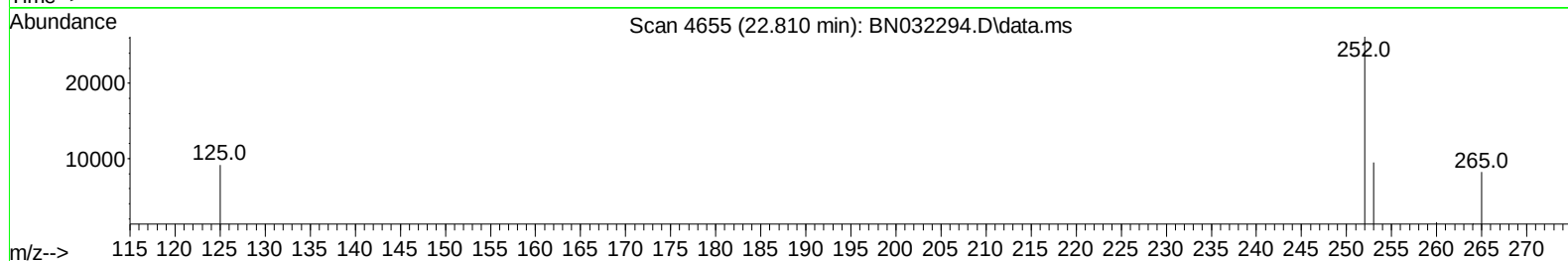
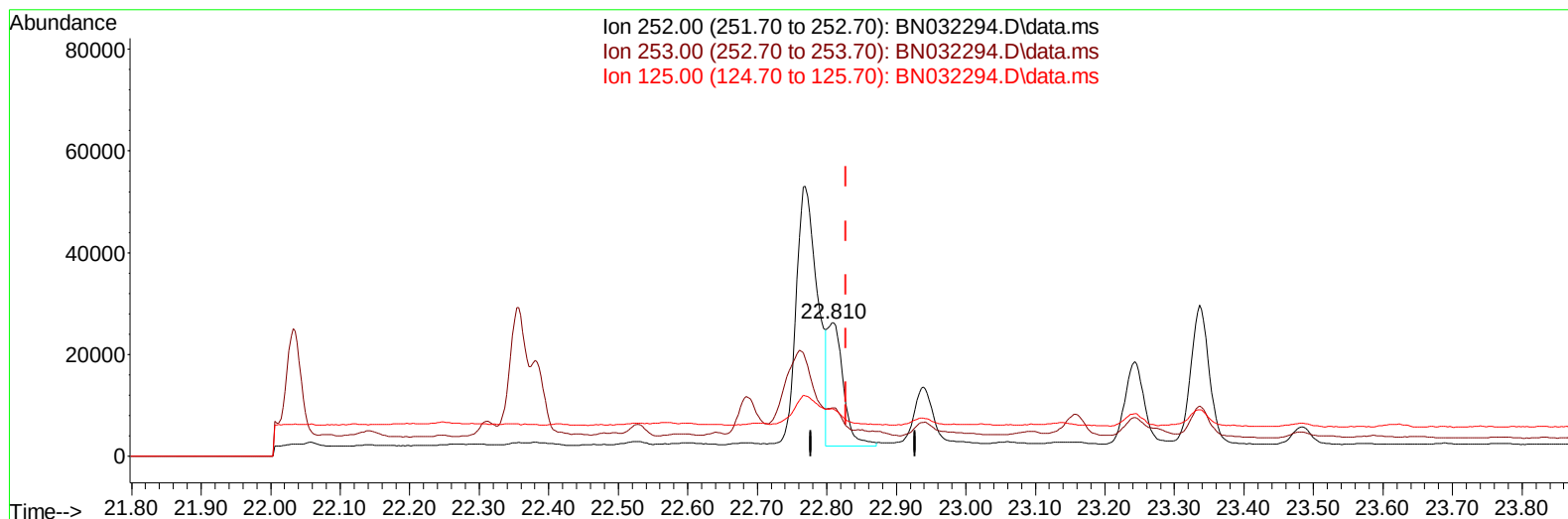
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ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_N  
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Manual IntegrationsAPPROVED

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TIC: BN032294.D\data.ms

(25) Benzo(k)fluoranthene

22.810min (-0.018) 0.38 ng/u1 m

response 38633

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 25.40  | 36.25# |
| 125.00 | 16.00  | 35.00# |
| 0.00   | 0.00   | 0.00   |

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 Data File : BN032294.D  
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 Sample : P2909-02DL 5X  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 A4B76DL

## Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/28/2024  
 Supervised By :mohammad ahmed 06/28/2024

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 QLast Update : Thu Jun 27 13:23:38 2024  
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| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.620  | 152  | 9920     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.393 | 136  | 29841    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.262 | 164  | 15867    | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.016 | 188  | 27104    | 0.400 | ng/ul  | # 0.00   |
| 17) Chrysene-d12            | 21.217 | 240  | 19673    | 0.400 | ng/ul  | # 0.00   |
| 23) Perylene-d12            | 23.433 | 264  | 23989    | 0.400 | ng/ul  | #-0.02   |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.156  | 96   | 8020     | 0.727 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 11.993 | 152  | 2225     | 0.050 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.055 | 212  | 3724     | 0.063 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 5) Naphthalene              | 10.442 | 128  | 2520     | 0.032 | ng/ul# | 85       |
| 7) 2-Methylnaphthalene      | 12.070 | 142  | 1191     | 0.023 | ng/ul  | 98       |
| 10) Acenaphthylene          | 13.985 | 152  | 22527    | 0.341 | ng/ul  | 98       |
| 11) Acenaphthene            | 14.327 | 153  | 1647     | 0.032 | ng/ul# | 92       |
| 12) Fluorene                | 15.317 | 166  | 4300     | 0.070 | ng/ul# | 93       |
| 15) Phenanthrene            | 17.058 | 178  | 67021    | 0.902 | ng/ul  | 99       |
| 16) Anthracene              | 17.151 | 178  | 19971    | 0.301 | ng/ul# | 95       |
| 19) Fluoranthene            | 19.083 | 202  | 122807   | 1.639 | ng/ul  | 98       |
| 20) Pyrene                  | 19.445 | 202  | 108617   | 1.387 | ng/ul  | 99       |
| 21) Benzo(a)anthracene      | 21.200 | 228  | 56636    | 0.798 | ng/ul# | 86       |
| 22) Chrysene                | 21.252 | 228  | 66084    | 0.848 | ng/ul# | 87       |
| 24) Benzo(b)fluoranthene    | 22.769 | 252  | 110210m  | 1.057 | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 22.810 | 252  | 38633m   | 0.382 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.336 | 252  | 50419    | 0.695 | ng/ul# | 85       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.673 | 276  | 53001    | 0.467 | ng/ul# | 95       |
| 28) Dibenzo(a,h)anthracene  | 25.680 | 278  | 16821    | 0.199 | ng/ul# | 44       |
| 29) Benzo(g,h,i)perylene    | 26.361 | 276  | 10071    | 0.111 | ng/ul# | 50       |
| -----                       |        |      |          |       |        |          |

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

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