

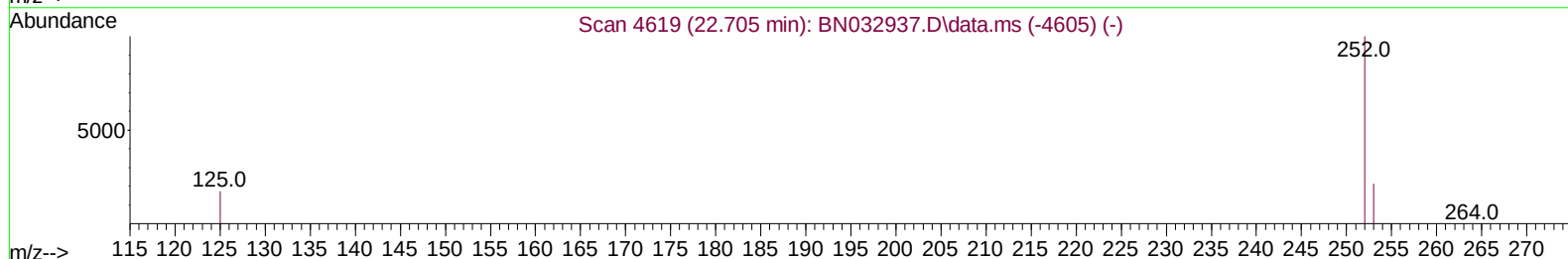
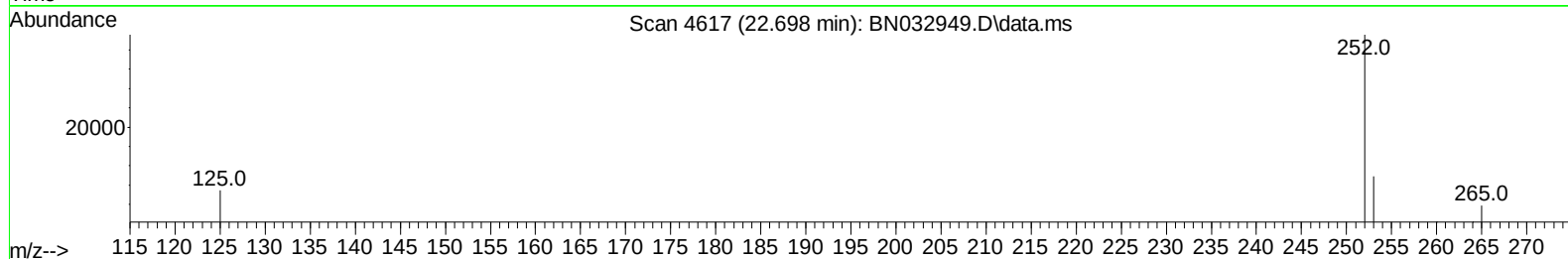
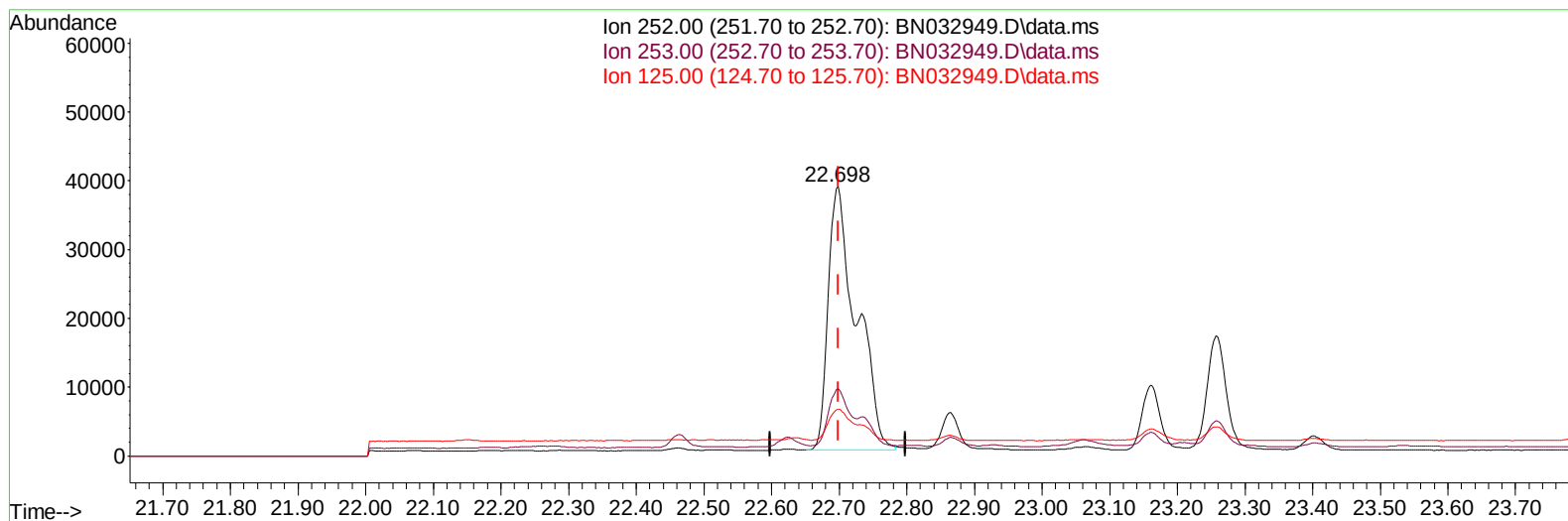
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN072324\  
Data File : BN032949.D  
Acq On : 24 Jul 2024 15:24  
Operator : MA/JU  
Sample : P3238-04DL 5X  
Misc :  
ALS Vial : 60 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
A4BE7DL

Manual IntegrationsAPPROVED

Quant Time: Jul 24 16:20:01 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: BN032949.D\data.ms

(24) Benzo(b)fluoranthene

22.698min (-0.001) 2.42 ng/u1

response 111273

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 27.00  | 24.92  |
| 125.00 | 18.00  | 17.45  |
| 0.00   | 0.00   | 0.00   |

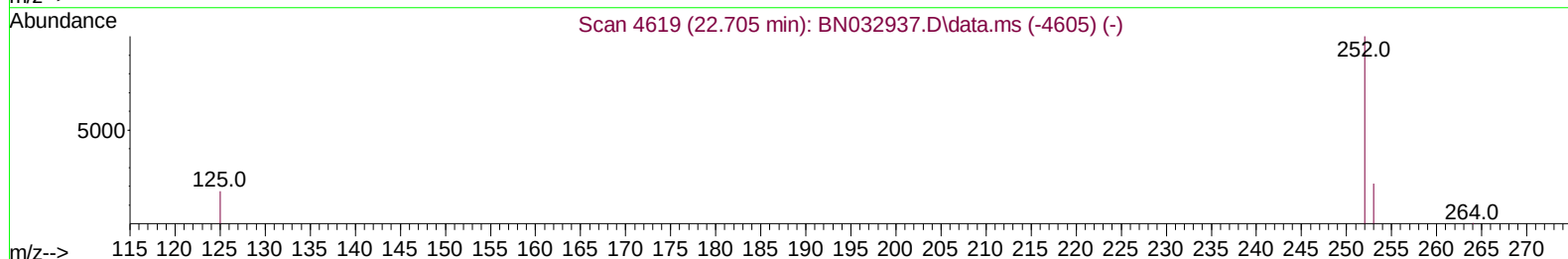
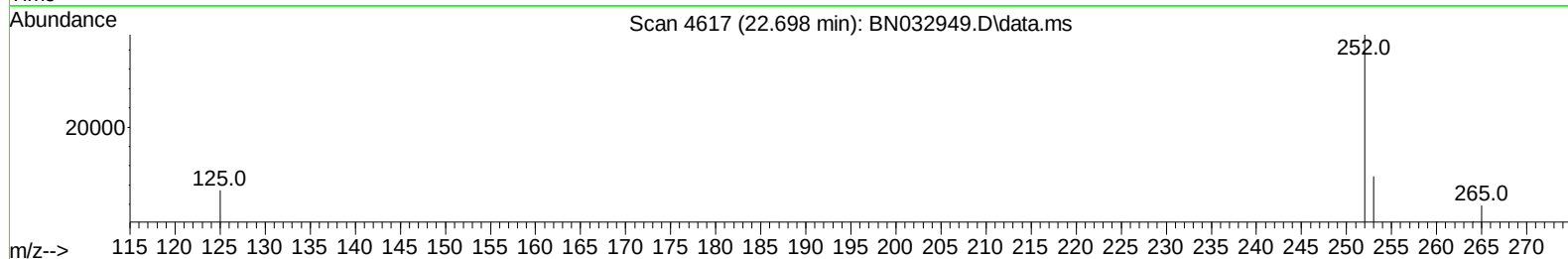
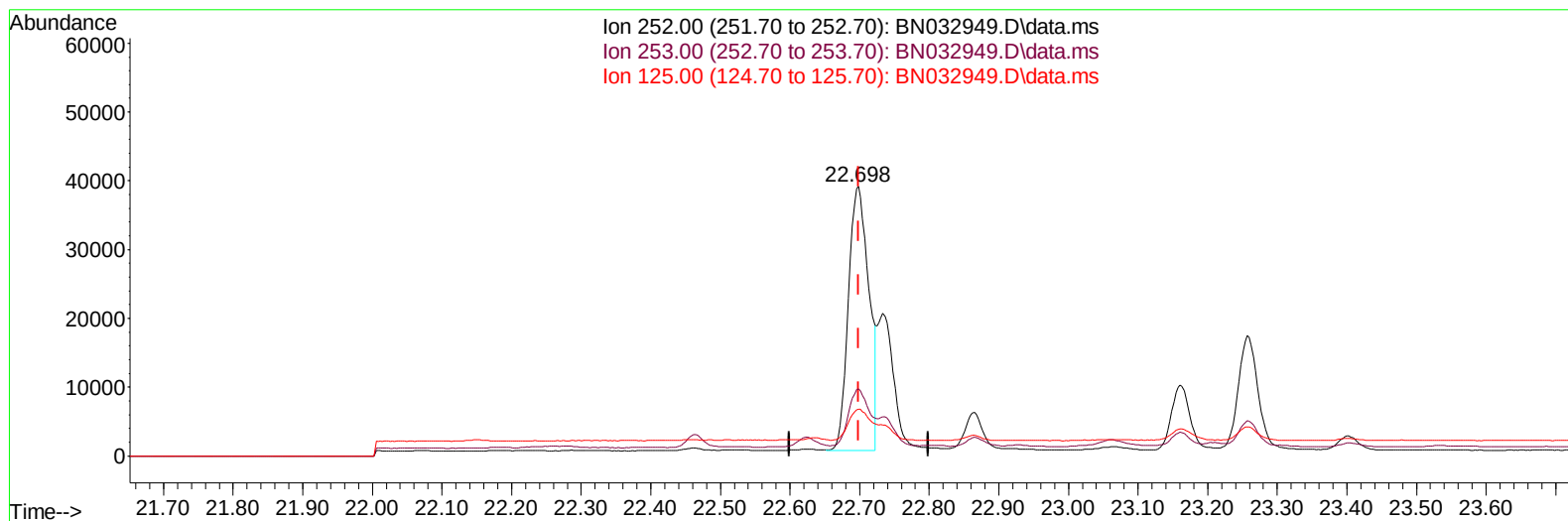
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TIC: BN032949.D\data.ms

(24) Benzo(b)fluoranthene

22.698min (-0.001) 1.70 ng/ul m

response 78460

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 27.00  | 24.92  |
| 125.00 | 18.00  | 17.45  |
| 0.00   | 0.00   | 0.00   |

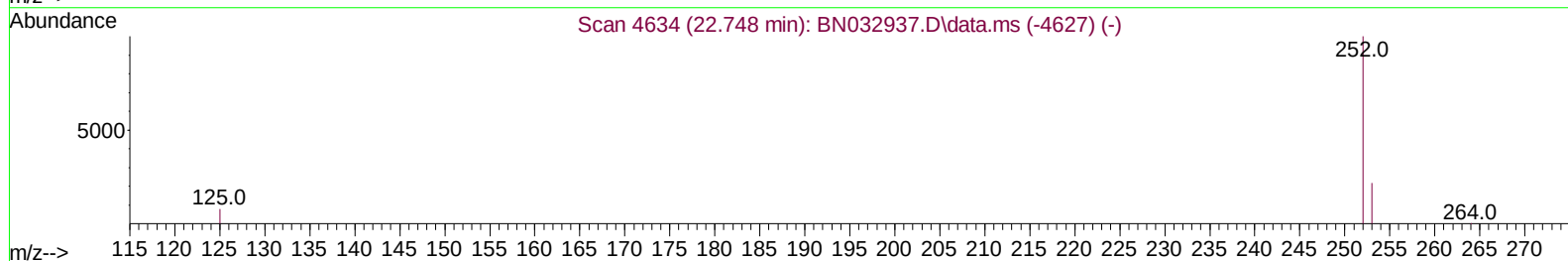
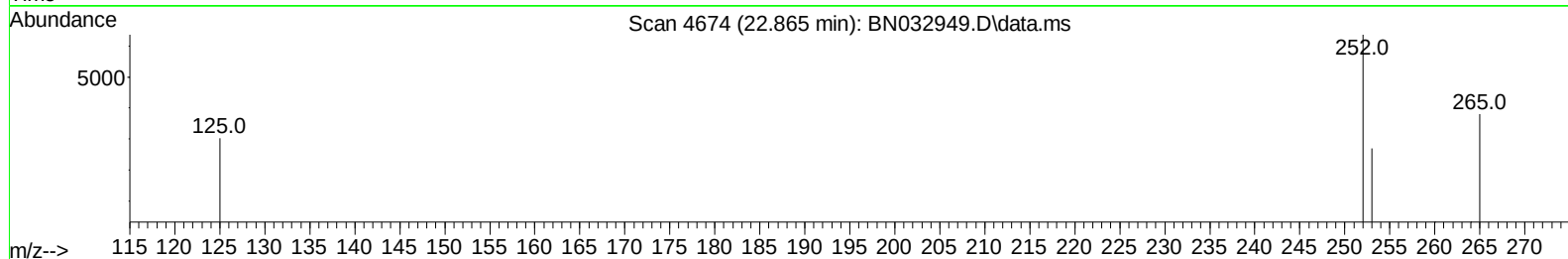
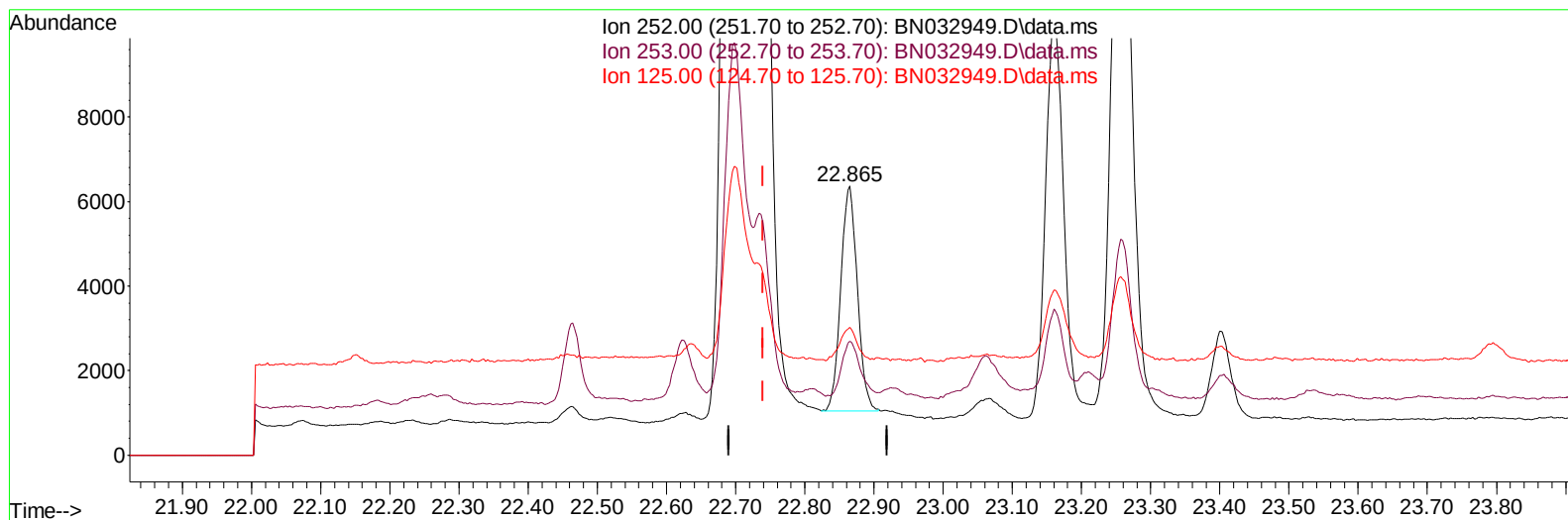
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Data File : BN032949.D  
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Sample : P3238-04DL 5X  
Misc :  
ALS Vial : 60 Sample Multiplier: 1

Instrument :  
BNA\_N  
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A4BE7DL

Manual IntegrationsAPPROVED

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TIC: BN032949.D\data.ms

(25) Benzo(k)fluoranthene

22.865min (+ 0.125) 0.16 ng/u1

response 8852

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 26.50  | 42.38# |
| 125.00 | 18.50  | 47.55# |
| 0.00   | 0.00   | 0.00   |

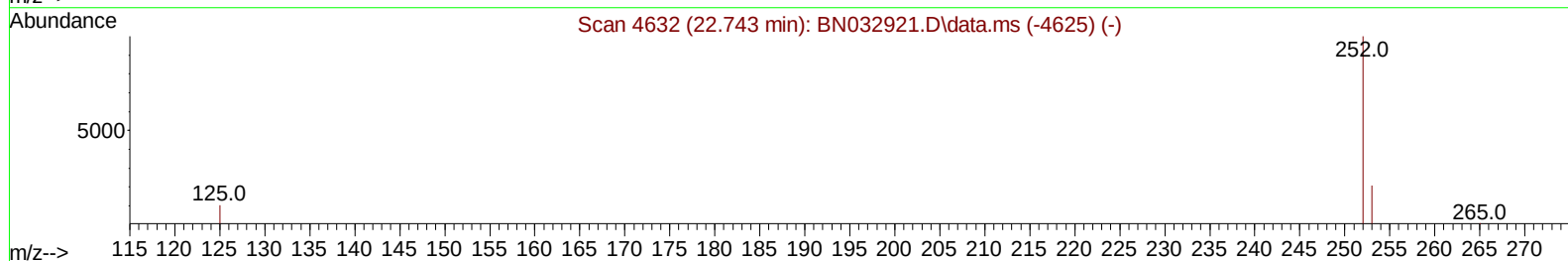
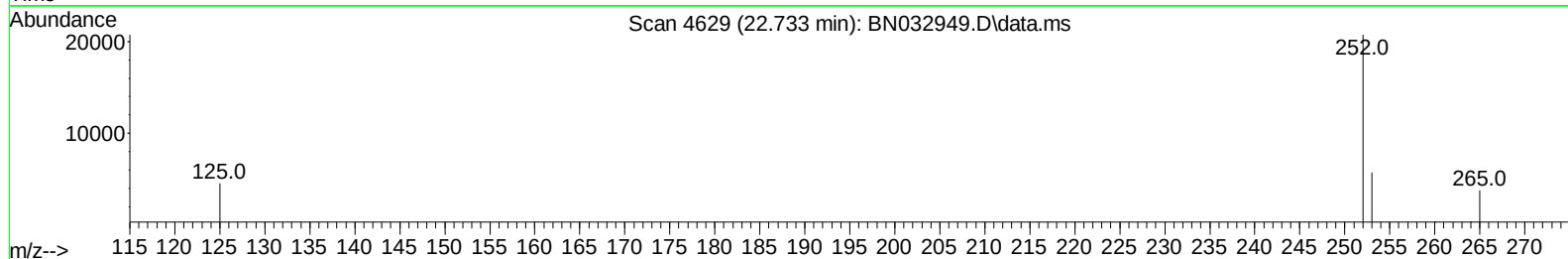
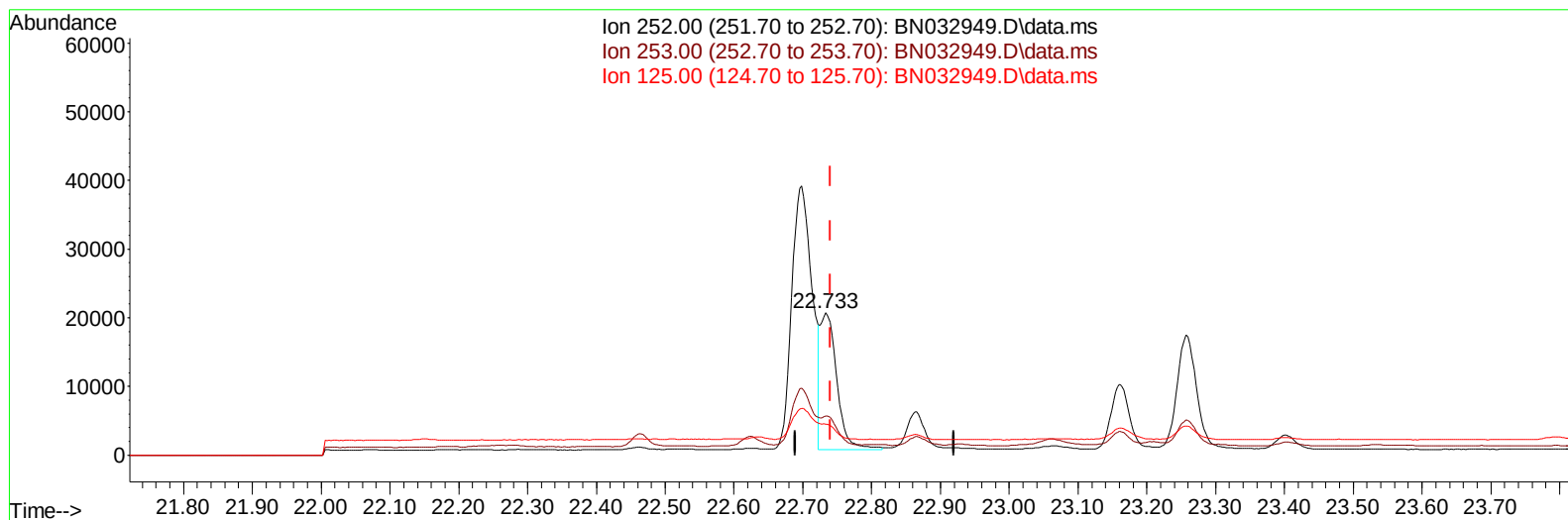
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Data File : BN032949.D  
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Sample : P3238-04DL 5X  
Misc :  
ALS Vial : 60 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
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Manual IntegrationsAPPROVED

Quant Time: Jul 24 16:20:01 2024  
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Supervised By :mohammad ahmed 07/26/2024



TIC: BN032949.D\data.ms

(25) Benzo(k)fluoranthene

22.733min (-0.006) 0.61 ng/ul m

response 34093

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 26.50  | 27.58  |
| 125.00 | 18.50  | 21.85  |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN072324\  
 Data File : BN032949.D  
 Acq On : 24 Jul 2024 15:24  
 Operator : MA/JU  
 Sample : P3238-04DL 5X  
 Misc :  
 ALS Vial : 60 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 A4BE7DL

## Manual IntegrationsAPPROVED

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

Quant Time: Jul 24 16:20:01 2024  
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 QLast Update : Sat Jul 20 01:52:15 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.523  | 152  | 4322     | 0.400 | ng/ul  | -0.01    |
| 4) Naphthalene-d8           | 10.293 | 136  | 14039    | 0.400 | ng/ul  | -0.02    |
| 9) Acenaphthene-d10         | 14.174 | 164  | 7514     | 0.400 | ng/ul  | -0.01    |
| 13) Phenanthrene-d10        | 16.940 | 188  | 11957    | 0.400 | ng/ul  | -0.02    |
| 17) Chrysene-d12            | 21.158 | 240  | 10734    | 0.400 | ng/ul  | # 0.00   |
| 23) Perylene-d12            | 23.353 | 264  | 13053    | 0.400 | ng/ul  | 0.00     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.084  | 96   | 3037     | 0.585 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 11.910 | 152  | 788      | 0.037 | ng/ul  | -0.02    |
| 18) Fluoranthene-d10        | 18.980 | 212  | 1278     | 0.037 | ng/ul  | -0.02    |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 5) Naphthalene              | 10.343 | 128  | 4272     | 0.113 | ng/ul# | 94       |
| 7) 2-Methylnaphthalene      | 11.987 | 142  | 1039     | 0.044 | ng/ul  | 100      |
| 8) 1-Methylnaphthalene      | 12.202 | 142  | 784      | 0.032 | ng/ul  | 98       |
| 10) Acenaphthylene          | 13.896 | 152  | 2609     | 0.086 | ng/ul# | 88       |
| 11) Acenaphthene            | 14.239 | 153  | 4706     | 0.187 | ng/ul  | 99       |
| 12) Fluorene                | 15.238 | 166  | 5364     | 0.187 | ng/ul  | 99       |
| 15) Phenanthrene            | 16.982 | 178  | 88583    | 2.720 | ng/ul  | 98       |
| 16) Anthracene              | 17.075 | 178  | 15755    | 0.592 | ng/ul# | 96       |
| 19) Fluoranthene            | 19.012 | 202  | 141273   | 3.237 | ng/ul  | 98       |
| 20) Pyrene                  | 19.379 | 202  | 96523    | 2.137 | ng/ul  | 98       |
| 21) Benzo(a)anthracene      | 21.141 | 228  | 60497    | 1.771 | ng/ul  | 98       |
| 22) Chrysene                | 21.196 | 228  | 58161    | 1.177 | ng/ul  | 98       |
| 24) Benzo(b)fluoranthene    | 22.698 | 252  | 78460m   | 1.704 | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 22.733 | 252  | 34093m   | 0.607 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.257 | 252  | 32488    | 0.815 | ng/ul  | 96       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.565 | 276  | 30443    | 0.564 | ng/ul# | 92       |
| 28) Dibenzo(a,h)anthracene  | 25.558 | 278  | 9735     | 0.233 | ng/ul# | 63       |
| 29) Benzo(g,h,i)perylene    | 26.246 | 276  | 4358     | 0.097 | ng/ul# | 42       |
| -----                       |        |      |          |       |        |          |

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

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Instrument :  
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