

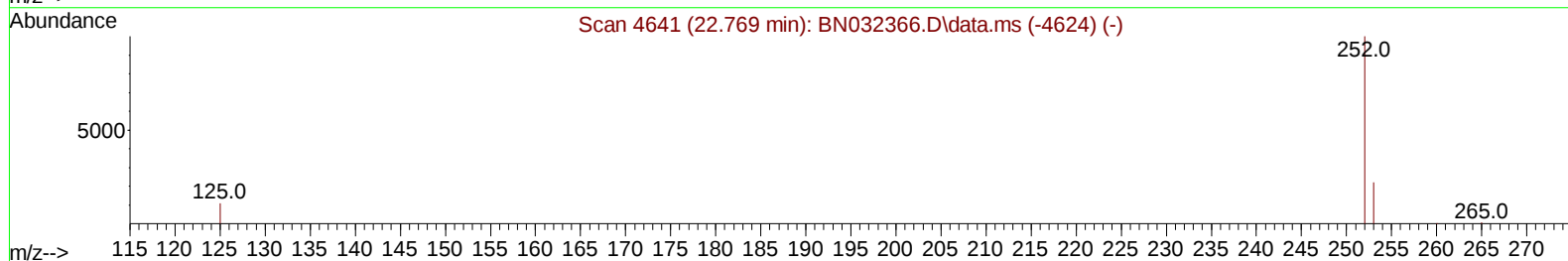
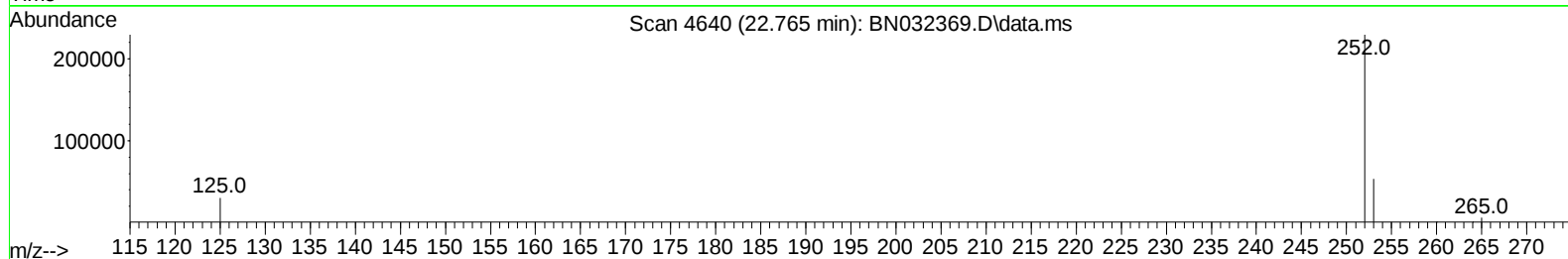
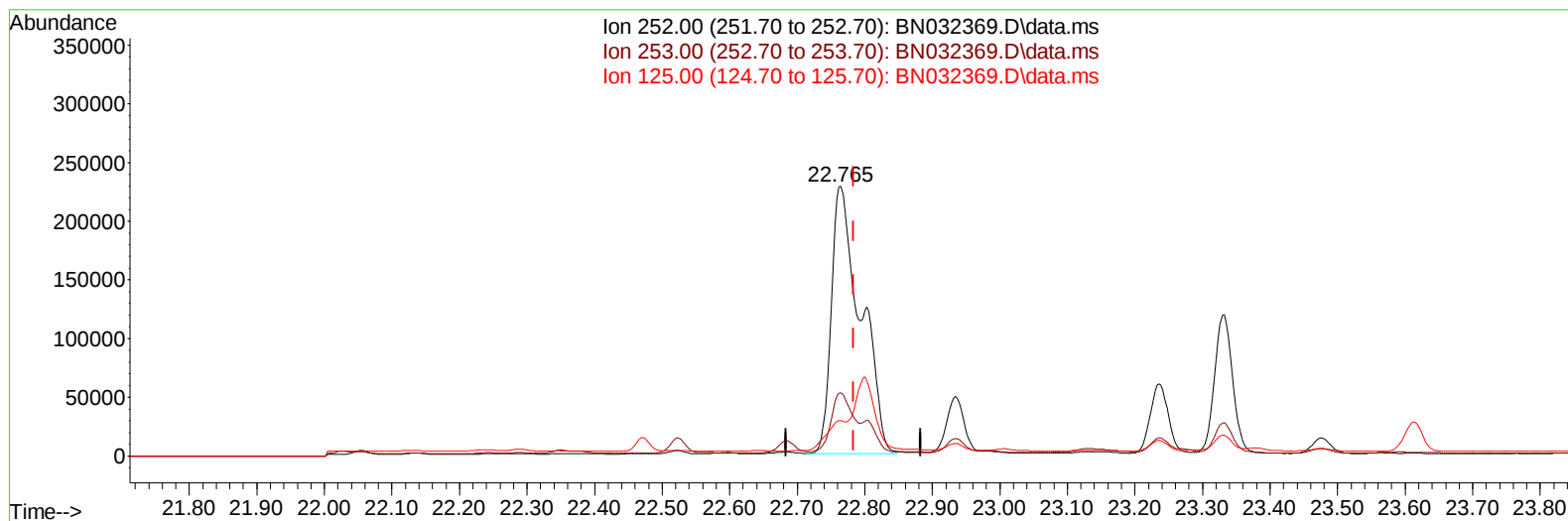
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN070124\  
Data File : BN032369.D  
Acq On : 01 Jul 2024 19:31  
Operator : MA/JU  
Sample : P2934-06MS  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
A4B72MS

Manual IntegrationsAPPROVED

Quant Time: Jul 01 23:45:22 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: BN032369.D\data.ms

(24) Benzo(b)fluoranthene

22.765min (-0.019) 9.36 ng/u1

response 684982

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 25.10  | 23.44  |
| 125.00 | 16.00  | 13.16  |
| 0.00   | 0.00   | 0.00   |

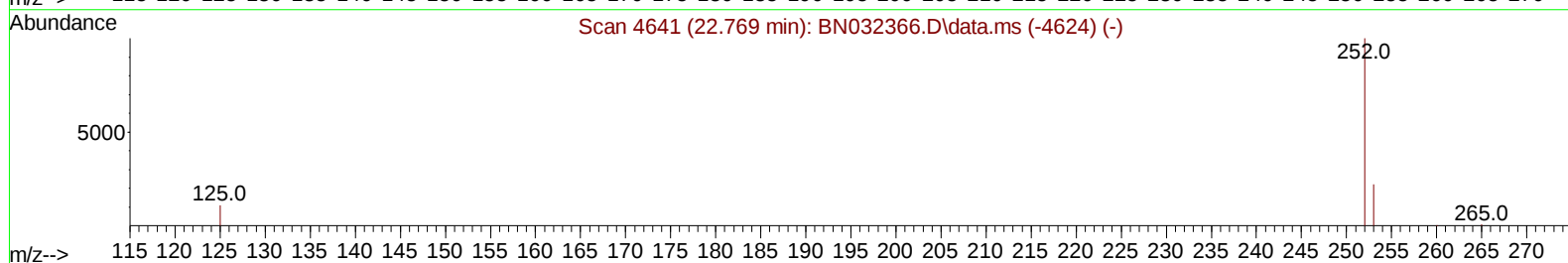
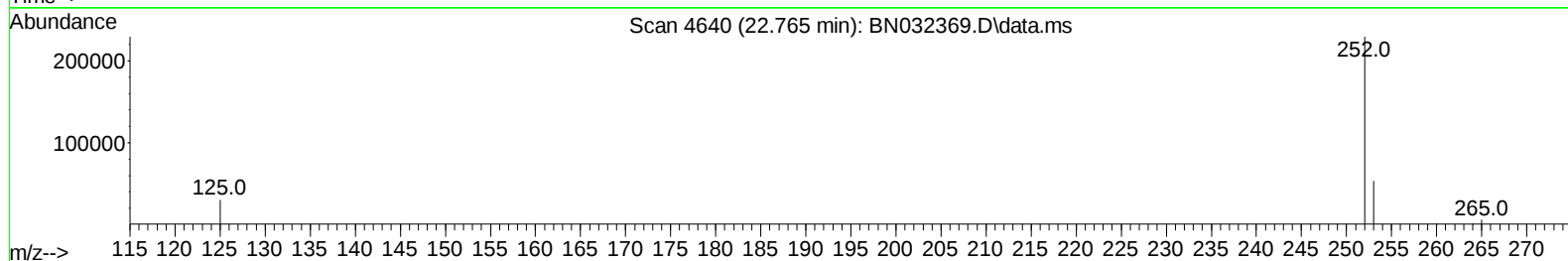
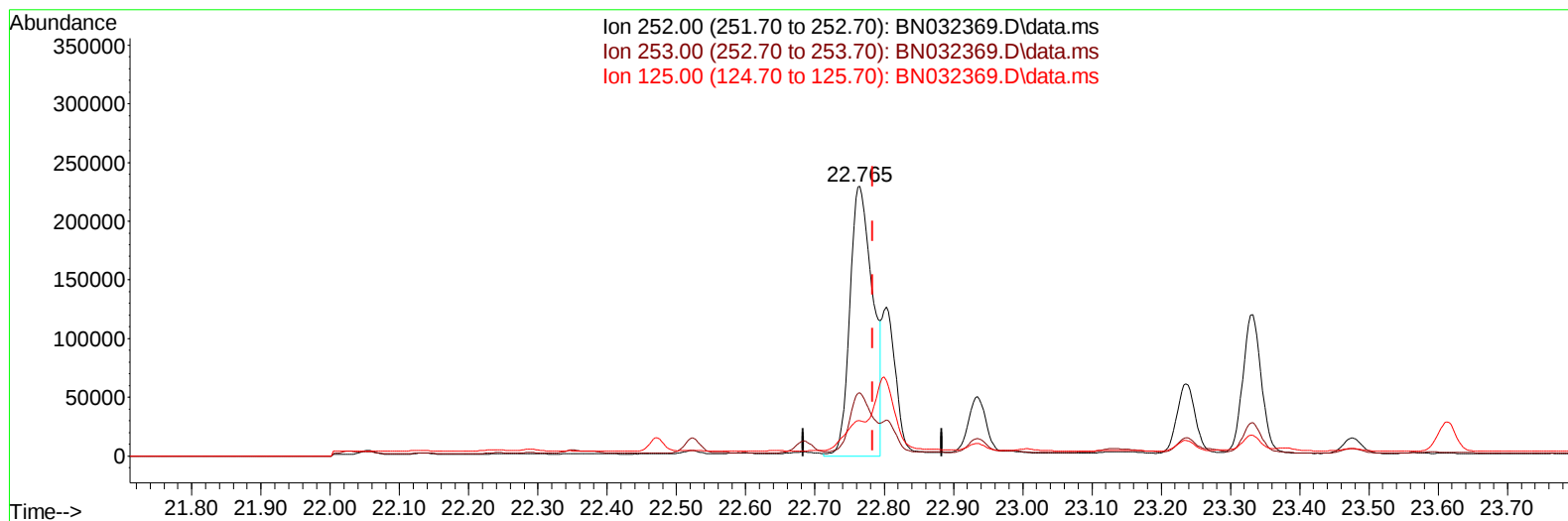
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TIC: BN032369.D\data.ms

## (24) Benzo(b)fluoranthene

22.765min (-0.019) 7.19 ng/u1 m

response 526565

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 25.10  | 23.44  |
| 125.00 | 16.00  | 13.16  |
| 0.00   | 0.00   | 0.00   |

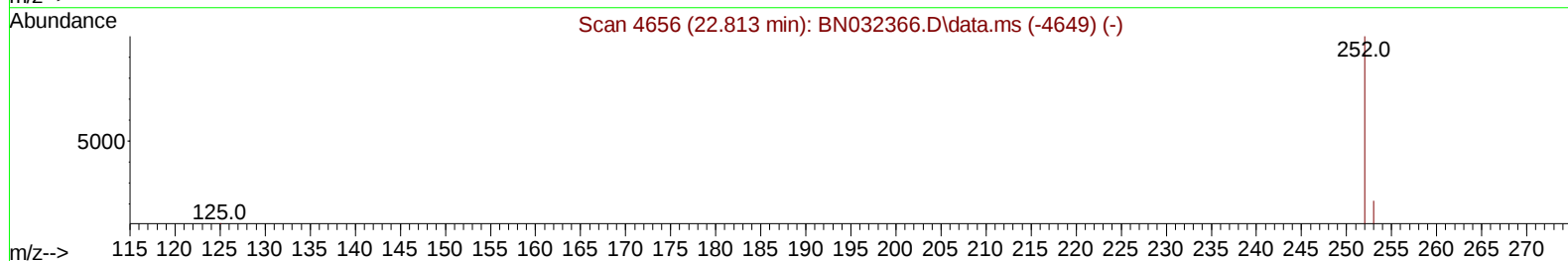
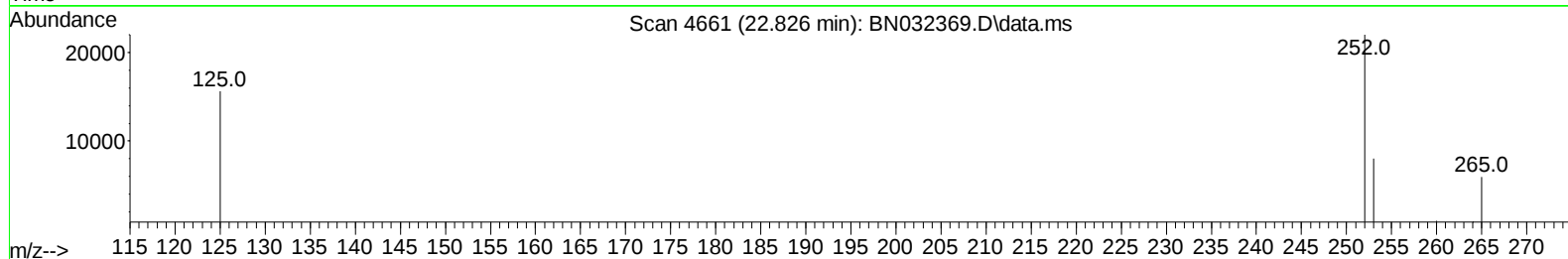
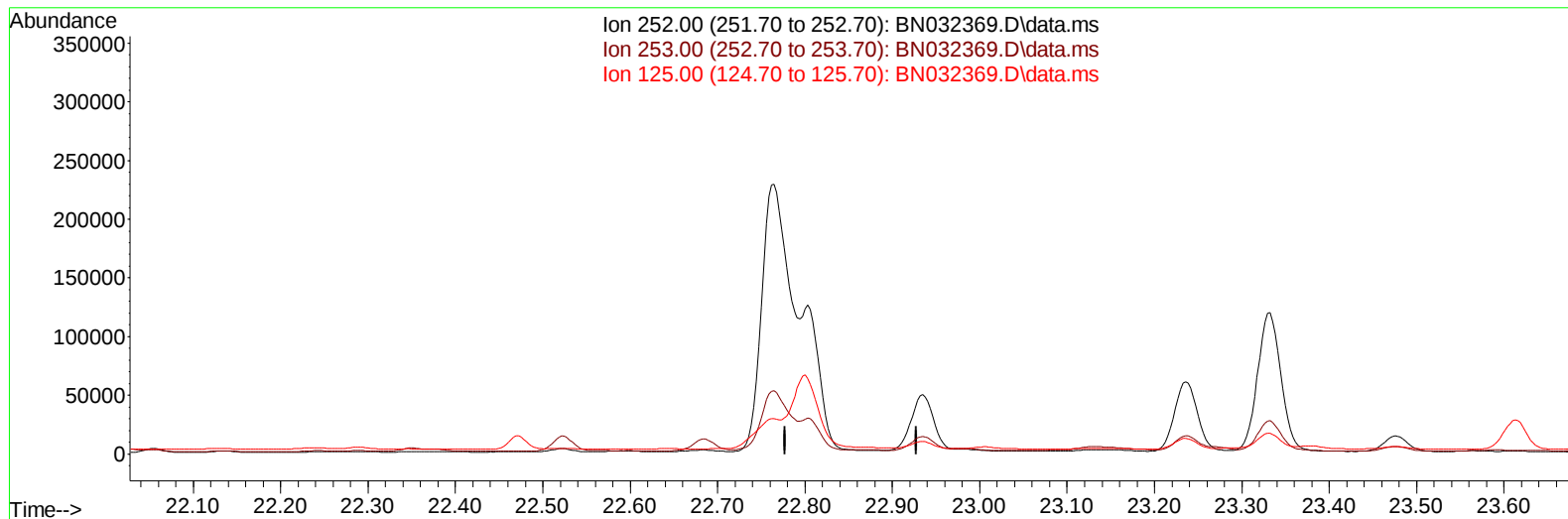
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ALS Vial : 14 Sample Multiplier: 1

Instrument :  
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Manual IntegrationsAPPROVED

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TIC: BN032369.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  |

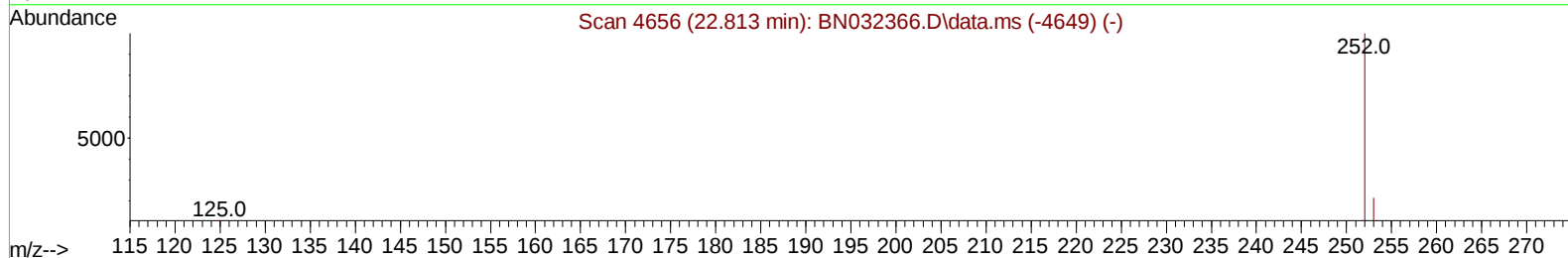
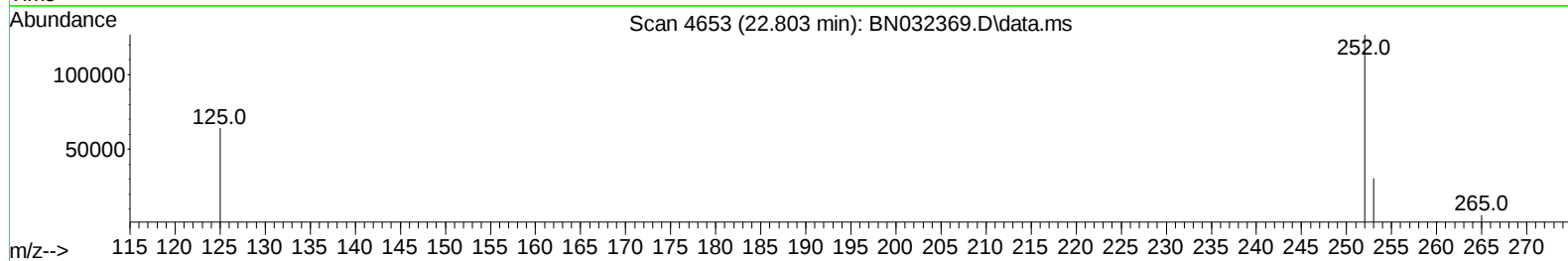
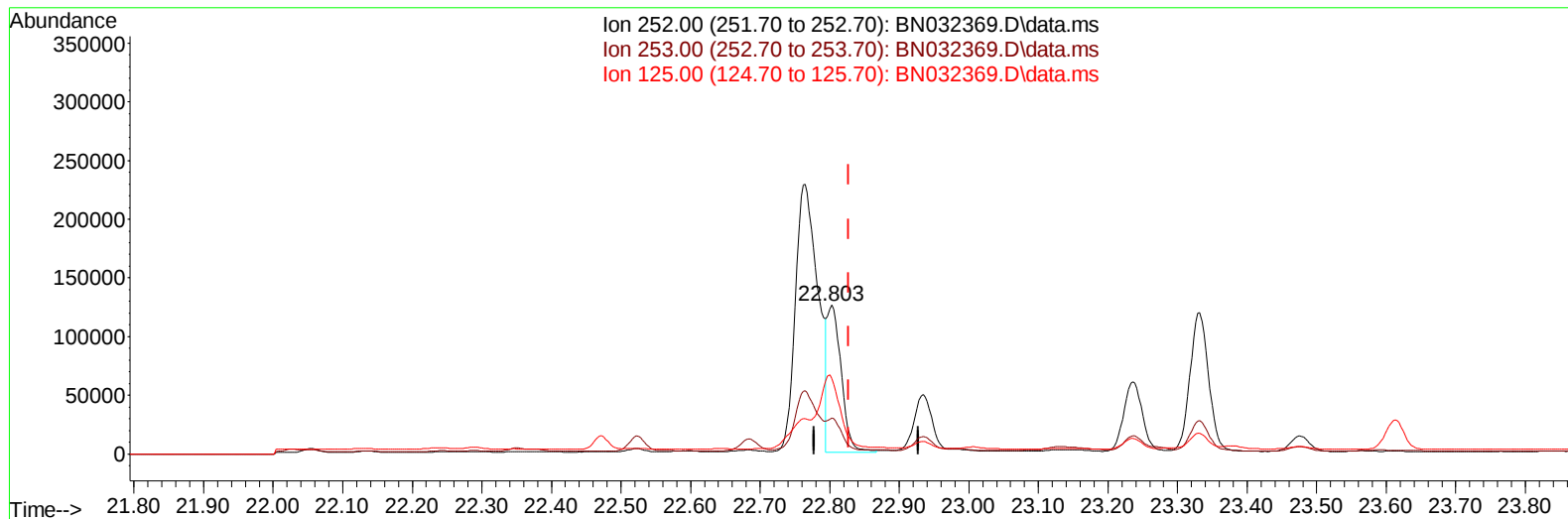
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Instrument :  
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Manual IntegrationsAPPROVED

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TIC: BN032369.D\data.ms

(25) Benzo(k)fluoranthene

22.803min (-0.025) 2.45 ng/u1 m

response 174061

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 25.40  | 24.19  |
| 125.00 | 16.00  | 50.47# |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN070124\  
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 Sample : P2934-06MS  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
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## Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/02/2024  
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 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   | 7.612  | 152  | 6090     | 0.400  | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.386 | 136  | 19159    | 0.400  | ng/ul  | -0.01    |
| 9) Acenaphthene-d10         | 14.256 | 164  | 10710    | 0.400  | ng/ul  | -0.01    |
| 13) Phenanthrene-d10        | 17.011 | 188  | 18775    | 0.400  | ng/ul  | -0.01    |
| 17) Chrysene-d12            | 21.213 | 240  | 12827    | 0.400  | ng/ul  | #-0.01   |
| 23) Perylene-d12            | 23.428 | 264  | 16852    | 0.400  | ng/ul  | #-0.02   |
| System Monitoring Compounds |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8           | 3.148  | 96   | 3391     | 0.501  | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 11.981 | 152  | 9594     | 0.334  | ng/ul  | -0.02    |
| 18) Fluoranthene-d10        | 19.044 | 212  | 16055    | 0.416  | ng/ul  | -0.02    |
| Target Compounds            |        |      |          |        |        |          |
|                             |        |      |          |        |        | Qvalue   |
| 2) 1,4-Dioxane              | 3.181  | 88   | 7520     | 0.976  | ng/ul  | 94       |
| 5) Naphthalene              | 10.436 | 128  | 32906    | 0.649  | ng/ul  | 100      |
| 7) 2-Methylnaphthalene      | 12.058 | 142  | 17308    | 0.515  | ng/ul  | 99       |
| 8) 1-Methylnaphthalene      | 12.278 | 142  | 15646    | 0.449  | ng/ul  | 99       |
| 10) Acenaphthylene          | 13.974 | 152  | 74533    | 1.673  | ng/ul  | 99       |
| 11) Acenaphthene            | 14.317 | 153  | 21708    | 0.628  | ng/ul  | 99       |
| 12) Fluorene                | 15.311 | 166  | 28050    | 0.681  | ng/ul  | 99       |
| 14) Pentachlorophenol       | 16.669 | 266  | 3598     | 0.847  | ng/ul  | 98       |
| 15) Phenanthrene            | 17.049 | 178  | 449468   | 8.732  | ng/ul  | 99       |
| 16) Anthracene              | 17.141 | 178  | 120020   | 2.614  | ng/ul  | 100      |
| 19) Fluoranthene            | 19.077 | 202  | 780887   | 15.987 | ng/ul  | 99       |
| 20) Pyrene                  | 19.444 | 202  | 585009   | 11.461 | ng/ul  | 97       |
| 21) Benzo(a)anthracene      | 21.196 | 228  | 377663   | 8.158  | ng/ul  | 98       |
| 22) Chrysene                | 21.248 | 228  | 362397   | 7.132  | ng/ul  | 97       |
| 24) Benzo(b)fluoranthene    | 22.765 | 252  | 526565m  | 7.192  | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 22.803 | 252  | 174061m  | 2.447  | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.332 | 252  | 220770   | 4.334  | ng/ul# | 90       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.662 | 276  | 216381   | 2.713  | ng/ul# | 98       |
| 28) Dibenzo(a,h)anthracene  | 25.668 | 278  | 81791    | 1.380  | ng/ul# | 89       |
| 29) Benzo(g,h,i)perylene    | 26.353 | 276  | 32938    | 0.518  | ng/ul# | 84       |
| -----                       |        |      |          |        |        |          |

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

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