

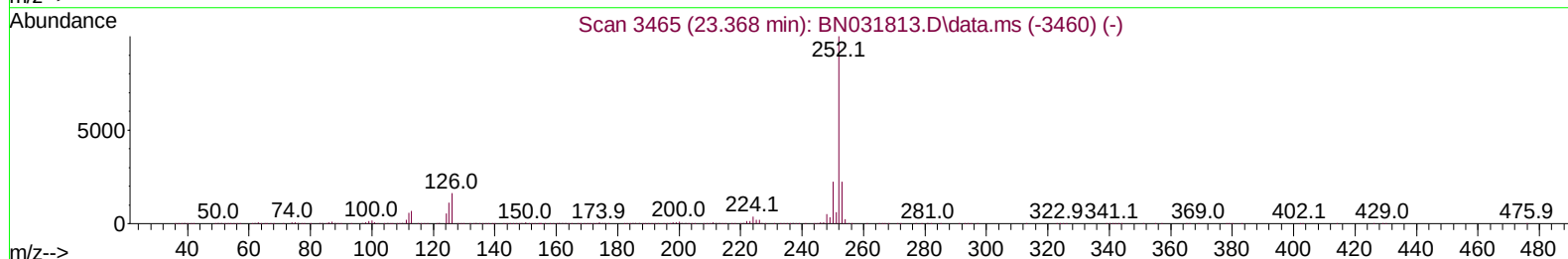
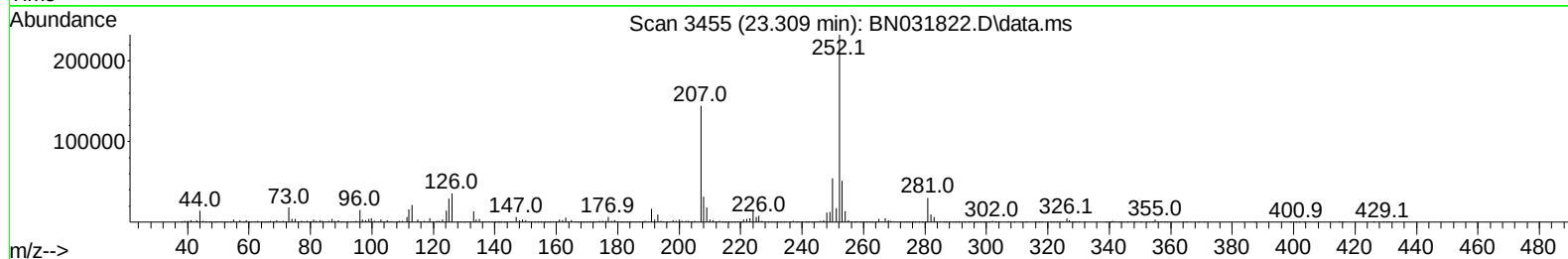
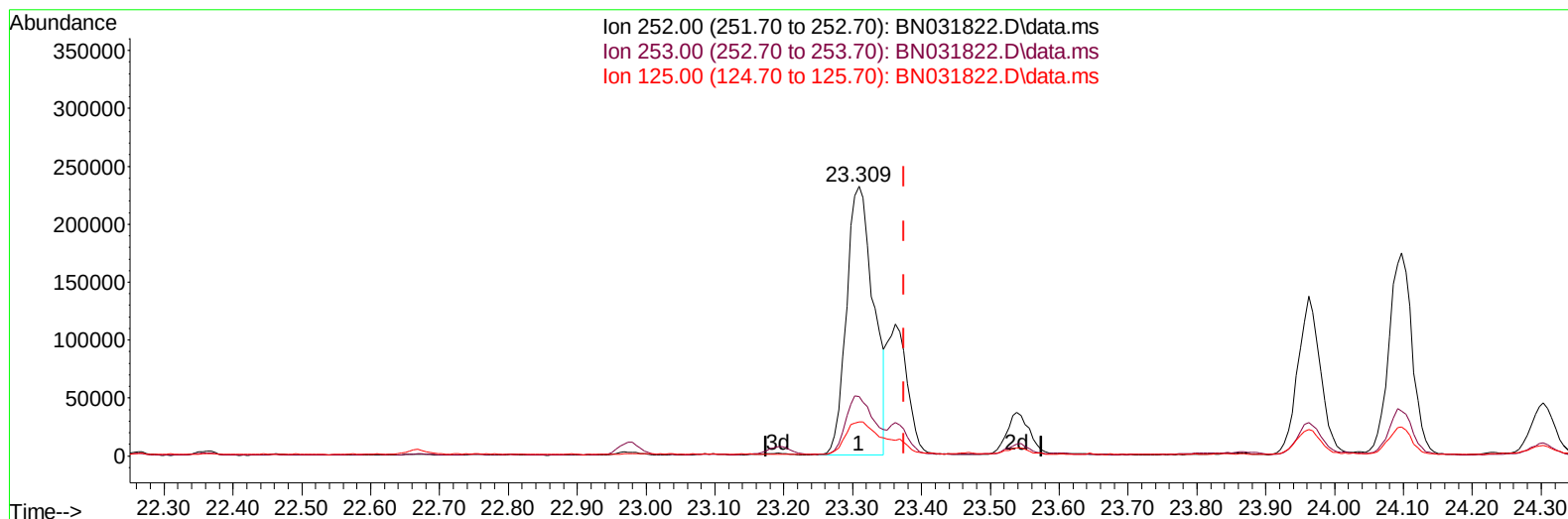
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN060624\  
Data File : BN031822.D  
Acq On : 06 Jun 2024 17:14  
Operator : MA/JU  
Sample : P2634-12  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
BHBX6

## Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 06/07/2024  
Supervised By :mohammad ahmed 06/08/2024

Quant Time: Jun 06 18:40:21 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN052924.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Wed May 29 15:13:07 2024  
Response via : Initial Calibration



TIC: BN031822.D\data.ms

## (91) Benzo(k)fluoranthene

23.309min (-0.065) 7.75 ng/u1

response 632872

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 22.00  | 22.14  |
| 125.00 | 11.80  | 12.61  |
| 0.00   | 0.00   | 0.00   |

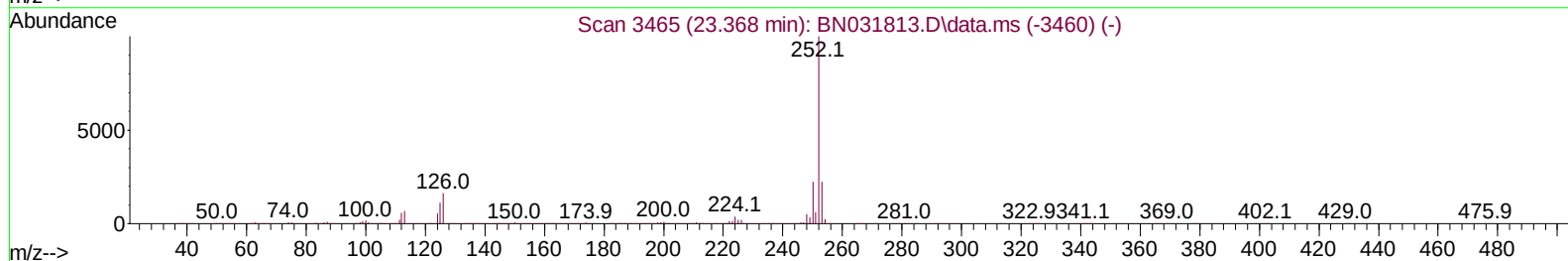
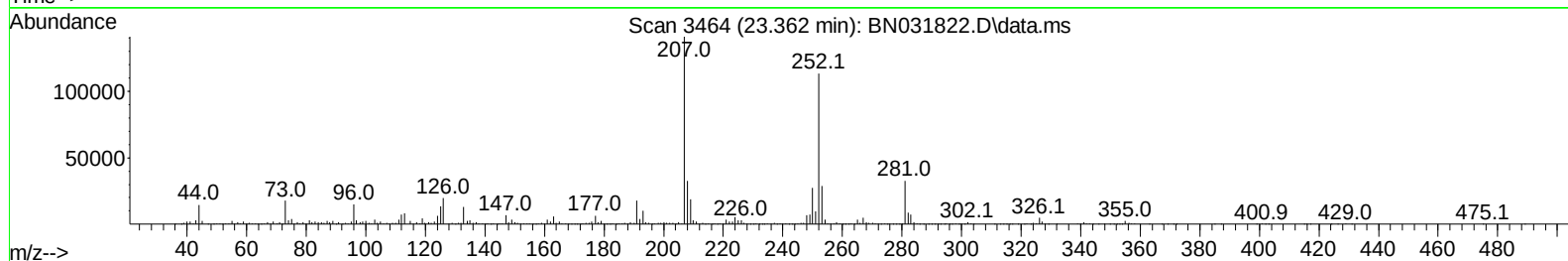
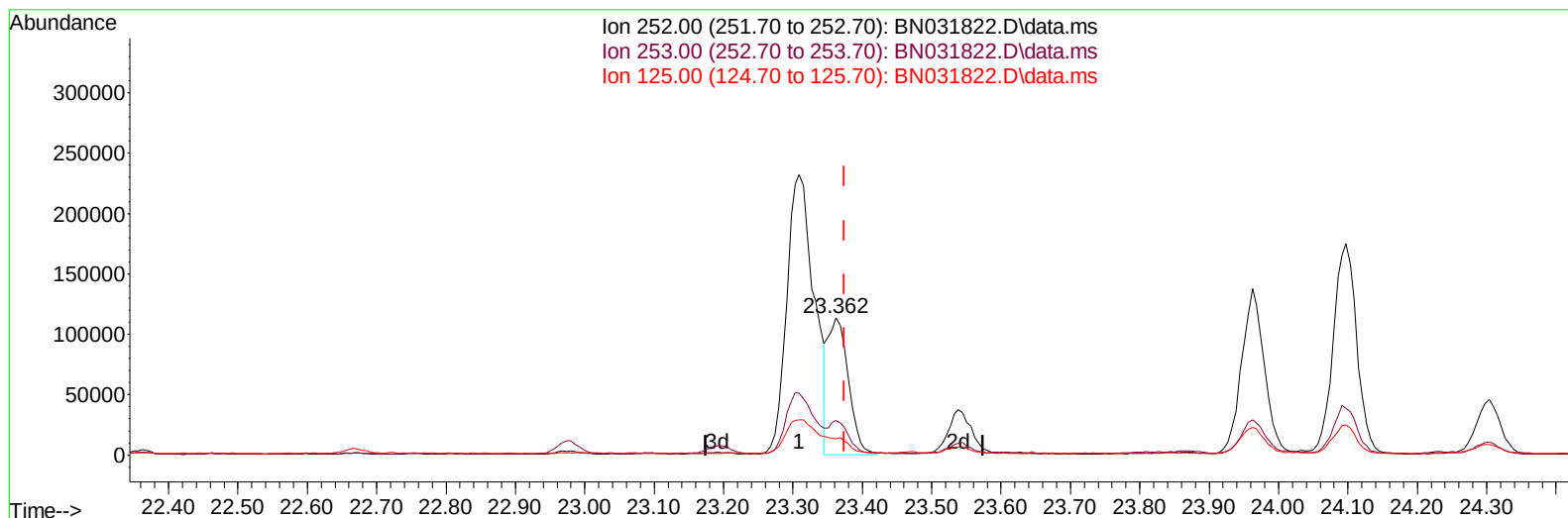
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN060624\  
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 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_N  
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Manual IntegrationsAPPROVED

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Reviewed By :Jagrut Upadhyay 06/07/2024  
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TIC: BN031822.D\data.ms

**(91) Benzo(k)fluoranthene**

**23.362min (-0.012) 2.83 ng/ul m**

**response 230900**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 22.00  | 25.32  |
| 125.00 | 11.80  | 11.76  |
| 0.00   | 0.00   | 0.00   |

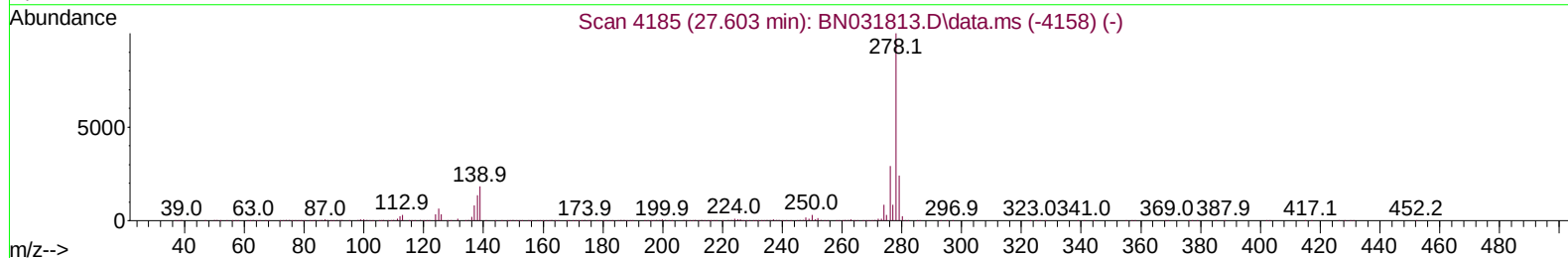
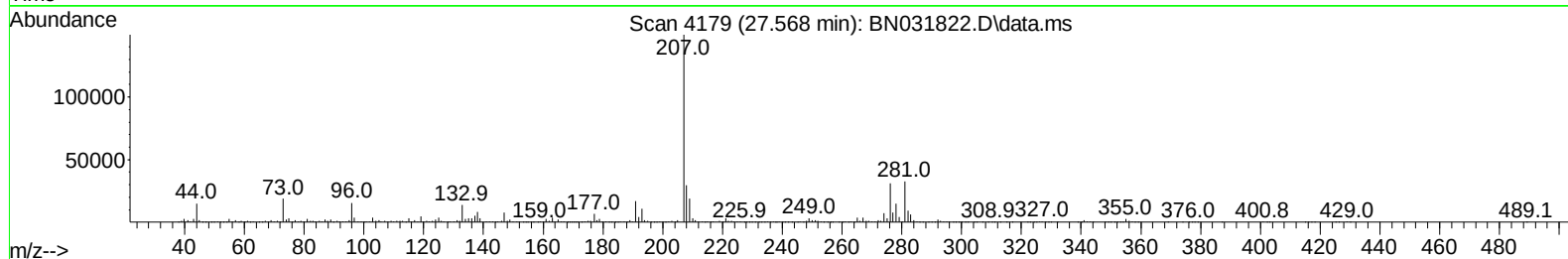
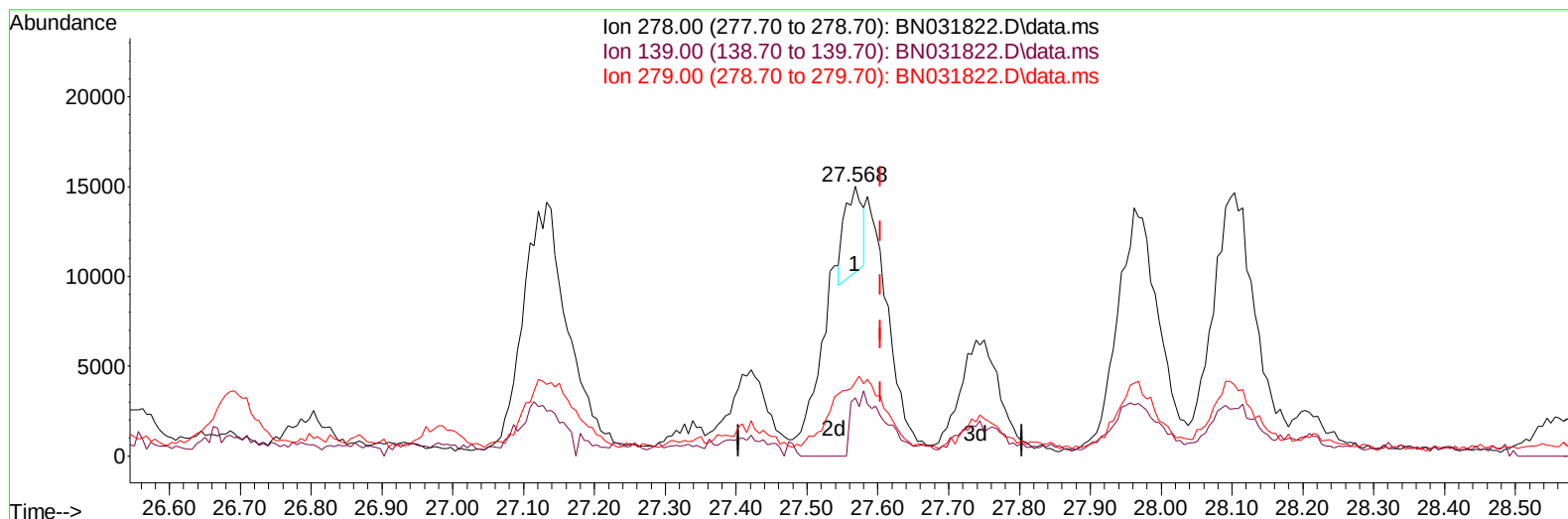
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Data File : BN031822.D  
Acq On : 06 Jun 2024 17:14  
Operator : MA/JU  
Sample : P2634-12  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
BHBX6

Manual IntegrationsAPPROVED

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TIC: BN031822.D\data.ms

(95) Dibenzo(a,h)anthracene

27.568min (-0.036) 0.11 ng/u1

response 8433

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 278.00 | 100.00 | 100.00 |
| 139.00 | 18.80  | 21.49  |
| 279.00 | 21.70  | 27.44# |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN060624\  
 Data File : BN031822.D  
 Acq On : 06 Jun 2024 17:14  
 Operator : MA/JU  
 Sample : P2634-12  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :

BNA\_N

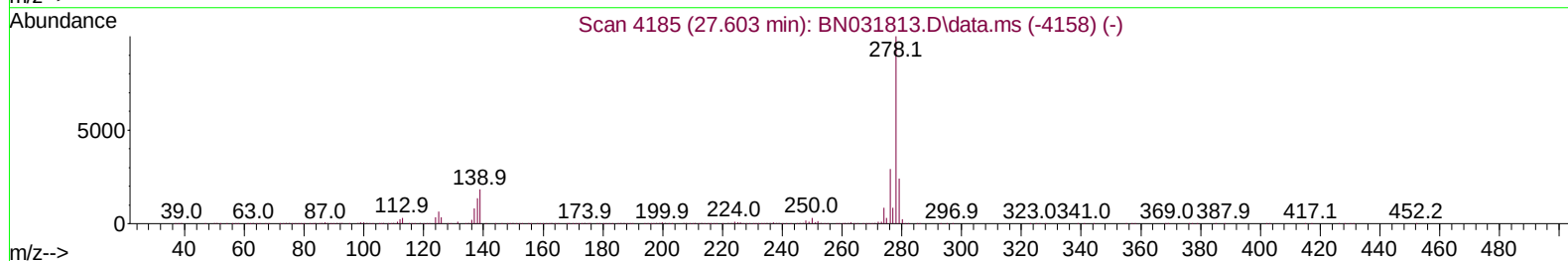
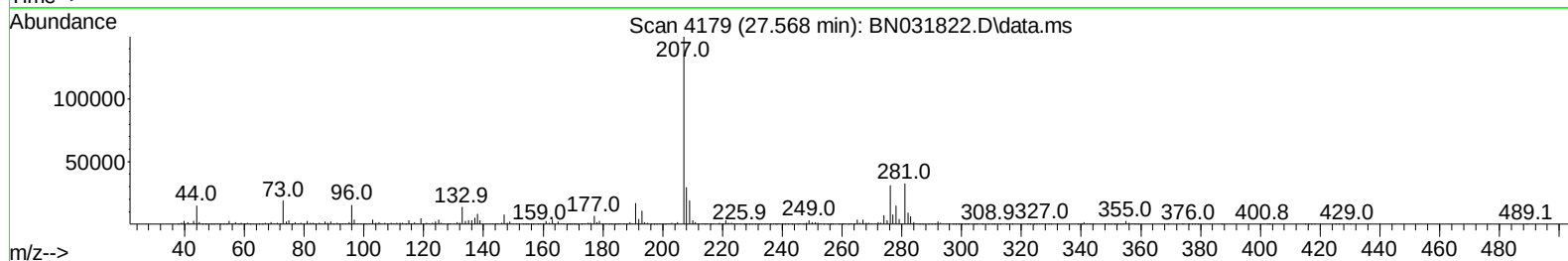
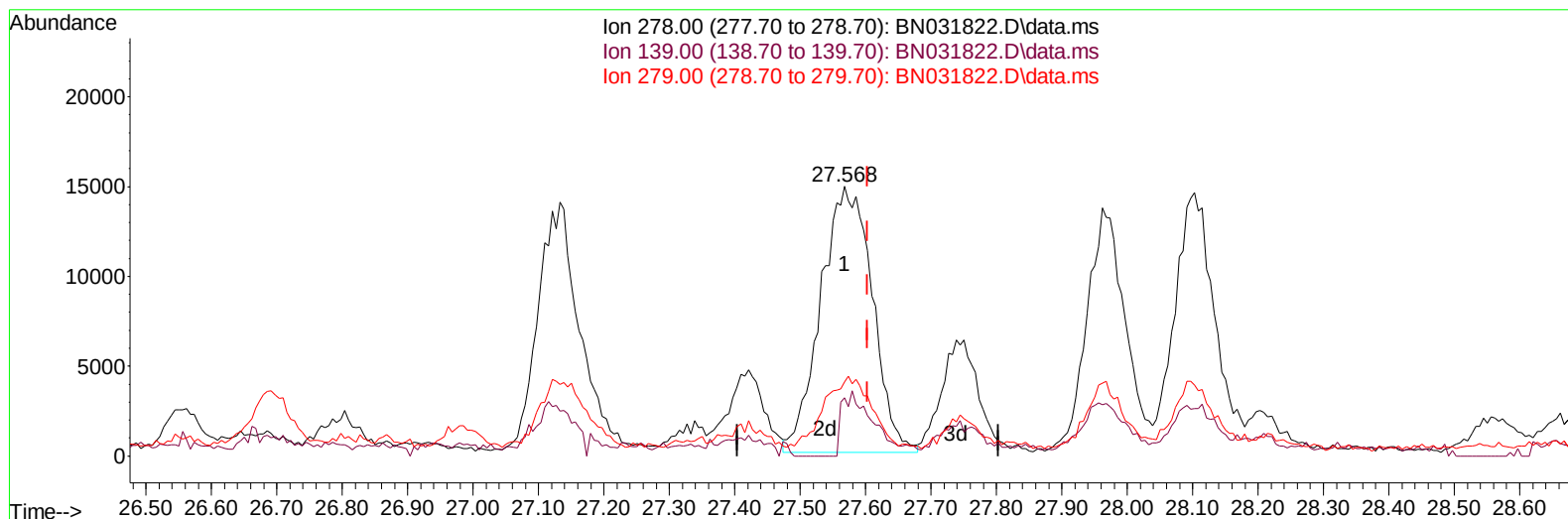
ClientSampleId :

BHBX6

Manual IntegrationsAPPROVED

Quant Time: Jun 06 18:40:21 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN052924.MA.M  
 Quant Title : SVOA CALIBRATION  
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 Supervised By :mohammad ahmed 06/08/2024



TIC: BN031822.D\data.ms

**(95) Dibenzo(a,h)anthracene**

27.568min (-0.036) 1.10 ng/ul m

response 81017

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 278.00 | 100.00 | 100.00 |
| 139.00 | 18.80  | 21.49  |
| 279.00 | 21.70  | 27.44# |
| 0.00   | 0.00   | 0.00   |

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 Sample : P2634-12  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 BHBX6

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 06/07/2024  
 Supervised By :mohammad ahmed 06/08/2024

Quant Time: Jun 06 18:41:51 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN052924.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed May 29 15:13:07 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.669  | 152  | 387367   | 20.000 | ng/ul  | -0.02    |
| 20) Naphthalene-d8            | 10.457 | 136  | 1619545  | 20.000 | ng/ul  | -0.01    |
| 38) Acenaphthene-d10          | 14.316 | 164  | 972863   | 20.000 | ng/ul  | -0.01    |
| 64) Phenanthrene-d10          | 17.062 | 188  | 1953336  | 20.000 | ng/ul  | 0.00     |
| 79) Chrysene-d12              | 21.298 | 240  | 1589676  | 20.000 | ng/ul  | 0.00     |
| 88) Perylene-d12              | 24.239 | 264  | 1392611  | 20.000 | ng/ul  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.187  | 96   | 37573    | 4.013  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.593  | 84   | 186457   | 7.074  | ng/ul  | 0.00     |
| 7) Phenol-d5                  | 6.845  | 99   | 731107   | 22.016 | ng/ul  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.010  | 67   | 412748   | 21.249 | ng/ul  | -0.02    |
| 11) 2-Chlorophenol-d4         | 7.204  | 132  | 573555   | 22.636 | ng/ul  | -0.01    |
| 15) 4-Methylphenol-d8         | 8.375  | 113  | 521829   | 19.277 | ng/ul  | -0.01    |
| 21) Nitrobenzene-d5           | 8.828  | 128  | 288759   | 23.319 | ng/ul  | -0.01    |
| 24) 2-Nitrophenol-d4          | 9.545  | 143  | 305581   | 23.889 | ng/ul  | -0.01    |
| 28) 2,4-Dichlorophenol-d3     | 10.075 | 165  | 522969   | 21.900 | ng/ul  | -0.01    |
| 31) 4-Chloroaniline-d4        | 10.598 | 131  | 571810   | 16.127 | ng/ul  | -0.01    |
| 46) Dimethylphthalate-d6      | 13.727 | 166  | 1580411  | 23.318 | ng/ul  | -0.02    |
| 49) Acenaphthylene-d8         | 14.004 | 160  | 1861857  | 23.891 | ng/ul  | -0.01    |
| 54) 4-Nitrophenol-d4          | 14.527 | 143  | 252839   | 18.632 | ng/ul  | 0.00     |
| 60) Fluorene-d10              | 15.310 | 176  | 1358292  | 23.686 | ng/ul  | -0.01    |
| 65) 4,6-Dinitro-2-methylph... | 15.439 | 200  | 180373   | 18.371 | ng/ul  | 0.00     |
| 73) Anthracene-d10            | 17.162 | 188  | 1971318  | 23.573 | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.462 | 212  | 2403816  | 28.258 | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 24.033 | 264  | 1628736  | 24.493 | ng/ul  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 72) Phenanthrene              | 17.104 | 178  | 417020   | 4.191  | ng/ul  | 98       |
| 80) Fluoranthene              | 19.127 | 202  | 1181192  | 11.619 | ng/ul  | 100      |
| 82) Pyrene                    | 19.492 | 202  | 1110579  | 10.647 | ng/ul  | 97       |
| 85) Benzo(a)anthracene        | 21.280 | 228  | 581758   | 5.467  | ng/ul  | 99       |
| 87) Chrysene                  | 21.339 | 228  | 630566   | 6.344  | ng/ul  | 96       |
| 90) Benzo(b)fluoranthene      | 23.309 | 252  | 632872   | 7.603  | ng/ul  | 98       |
| 91) Benzo(k)fluoranthene      | 23.362 | 252  | 230900m  | 2.827  | ng/ul  |          |
| 93) Benzo(a)pyrene            | 24.097 | 252  | 407244   | 5.224  | ng/ul  | 96       |
| 94) Indeno(1,2,3-cd)pyrene    | 27.538 | 276  | 300546   | 3.345  | ng/ul  | 98       |
| 95) Dibenzo(a,h)anthracene    | 27.568 | 278  | 81017m   | 1.105  | ng/ul  |          |
| 96) Benzo(g,h,i)perylene      | 28.562 | 276  | 290883   | 4.073  | ng/ul  | 98       |
| -----                         |        |      |          |        |        |          |

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

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BHBX6

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