

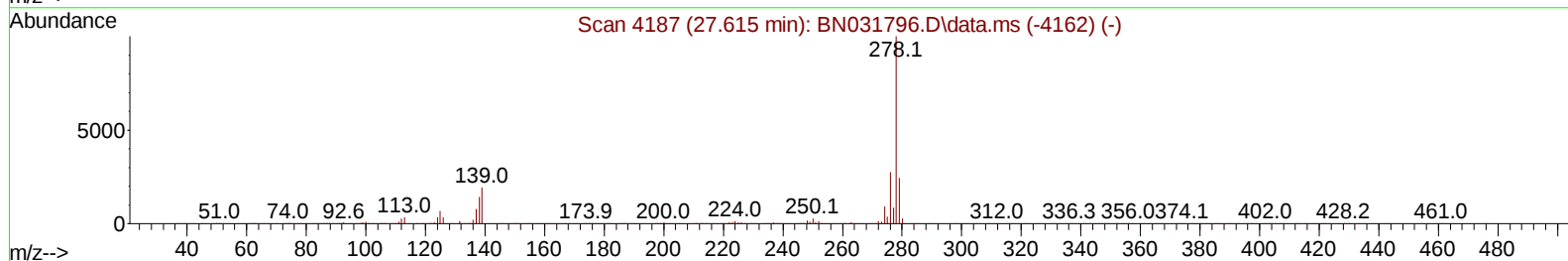
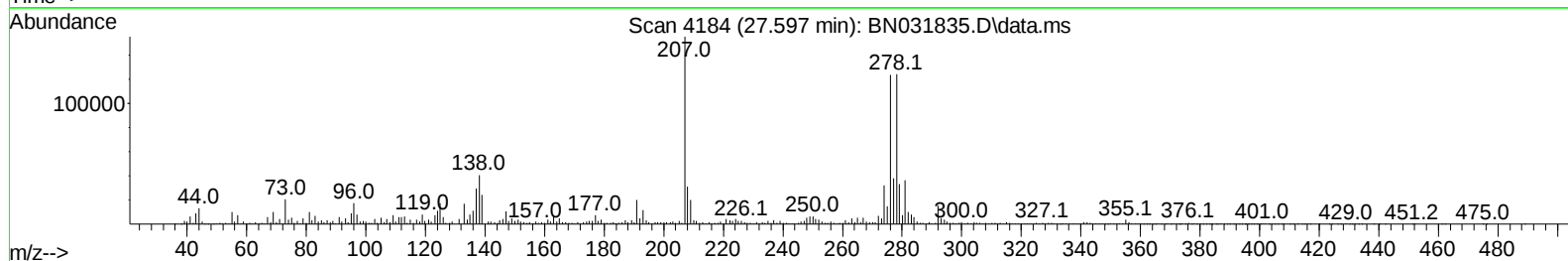
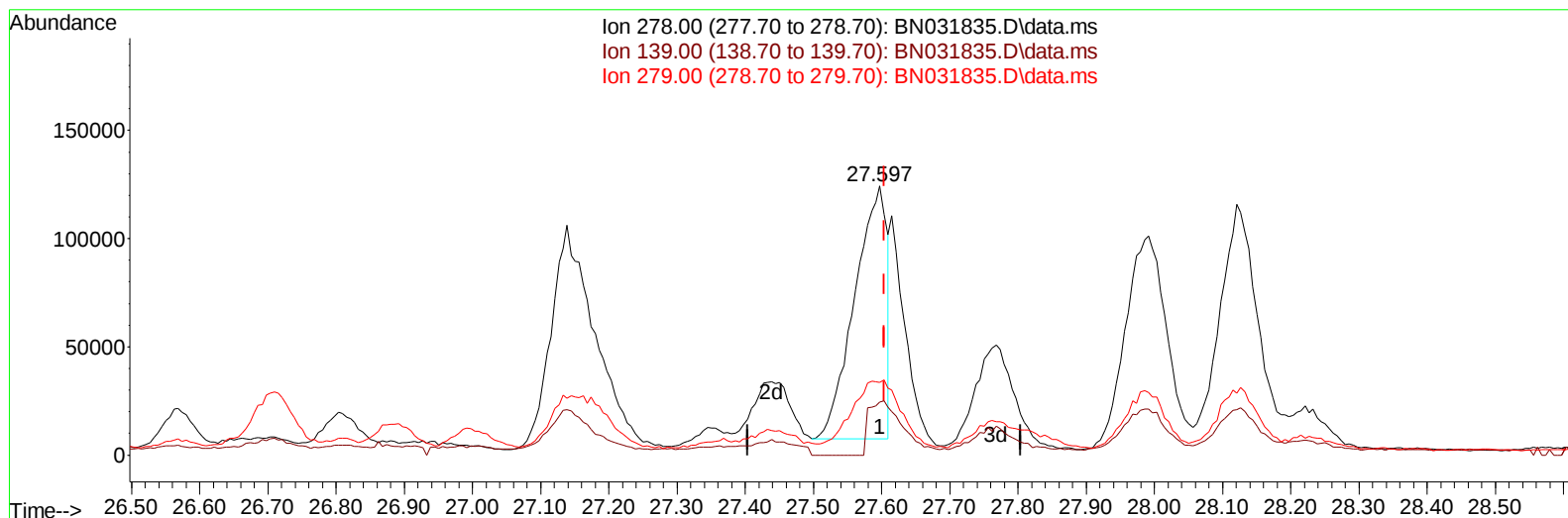
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN060624\  
Data File : BN031835.D  
Acq On : 07 Jun 2024 01:48  
Operator : MA/JU  
Sample : P2634-09  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
BHBX3

Manual IntegrationsAPPROVED

Quant Time: Jun 07 02:41:27 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

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



TIC: BN031835.D\data.ms

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

**27.597min (-0.006) 5.07 ng/u1**

**response 383767**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 278.00 | 100.00 | 100.00 |
| 139.00 | 18.80  | 19.76  |
| 279.00 | 21.70  | 26.95# |
| 0.00   | 0.00   | 0.00   |

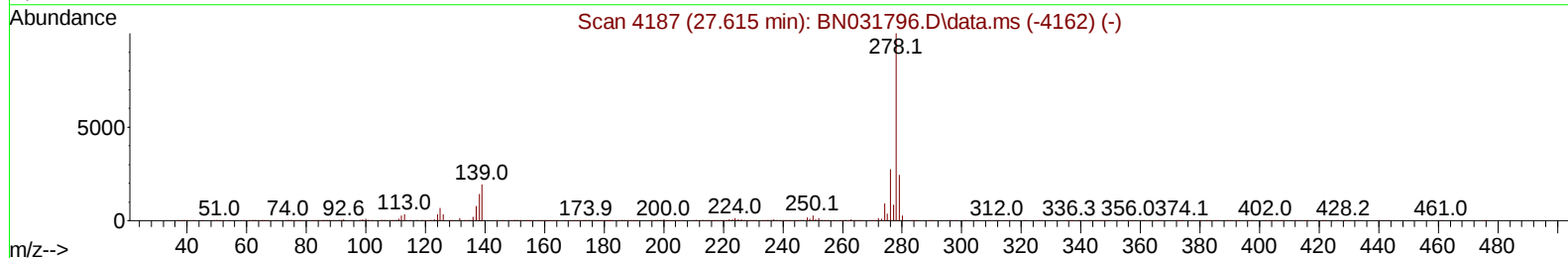
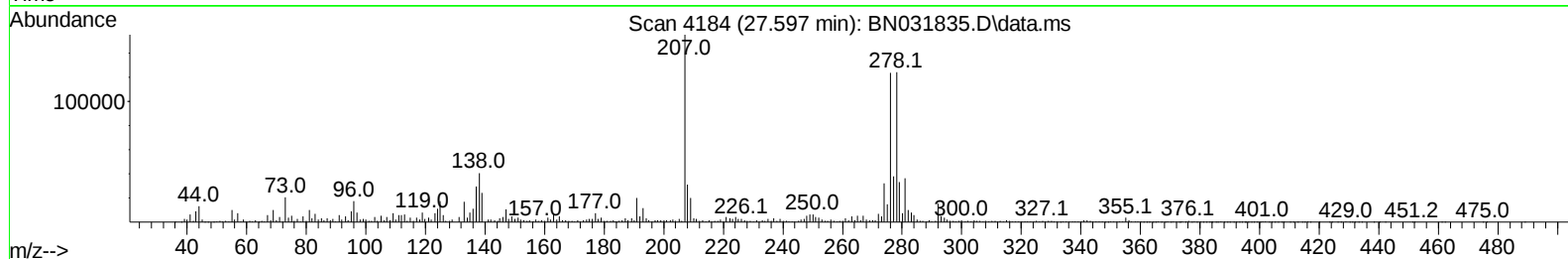
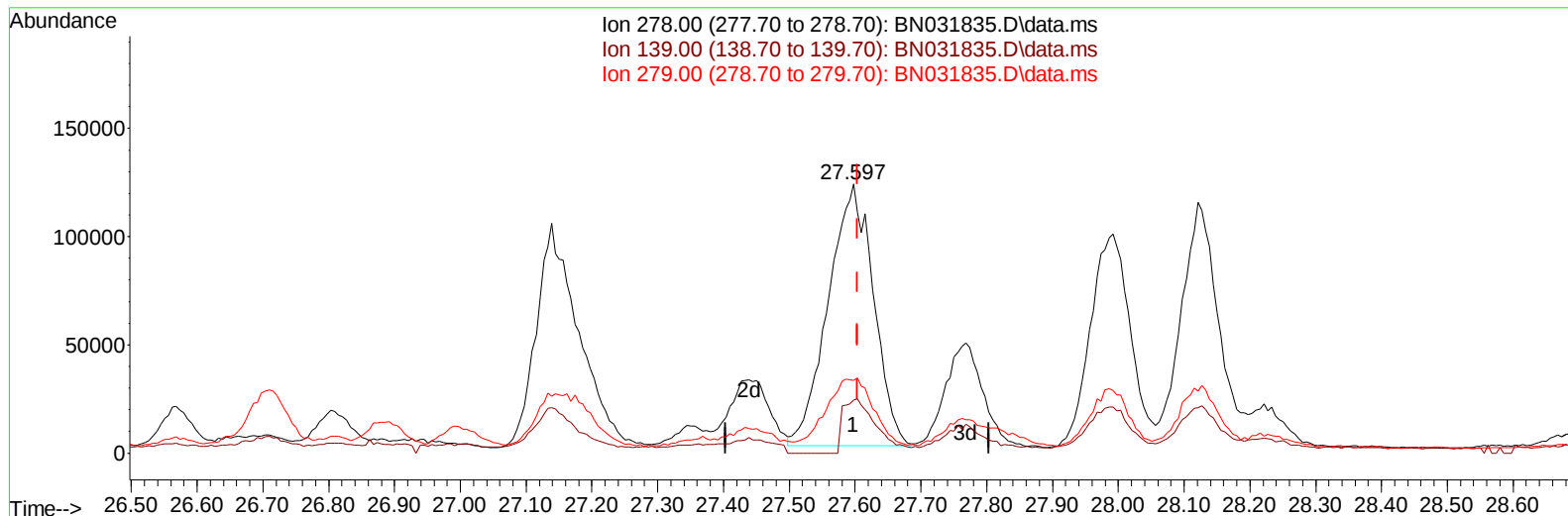
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN060624\  
Data File : BN031835.D  
Acq On : 07 Jun 2024 01:48  
Operator : MA/JU  
Sample : P2634-09  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
BHBX3

Manual IntegrationsAPPROVED

Quant Time: Jun 07 02:41:27 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  
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Reviewed By :Jagrut Upadhyay 06/07/2024  
Supervised By :mohammad ahmed 06/08/2024



TIC: BN031835.D\data.ms

(95) Dibenzo(a,h)anthracene

27.597min (-0.006) 7.63 ng/u1 m

response 577327

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 278.00 | 100.00 | 100.00 |
| 139.00 | 18.80  | 19.76  |
| 279.00 | 21.70  | 26.95# |
| 0.00   | 0.00   | 0.00   |

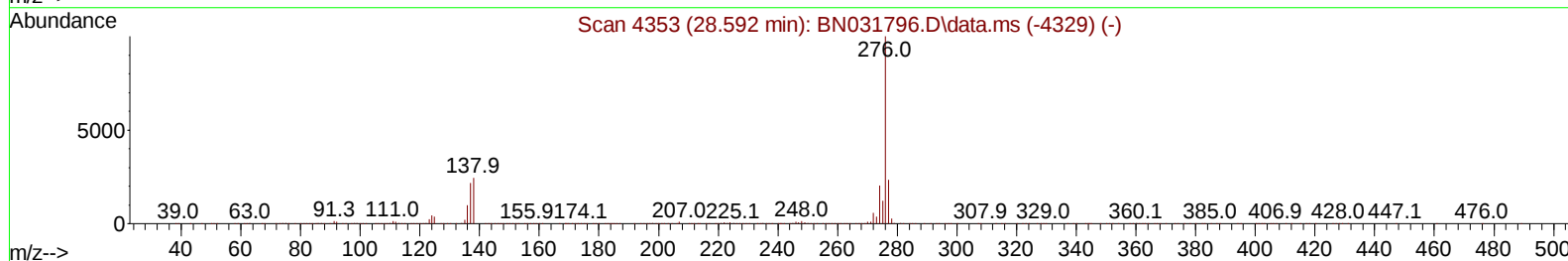
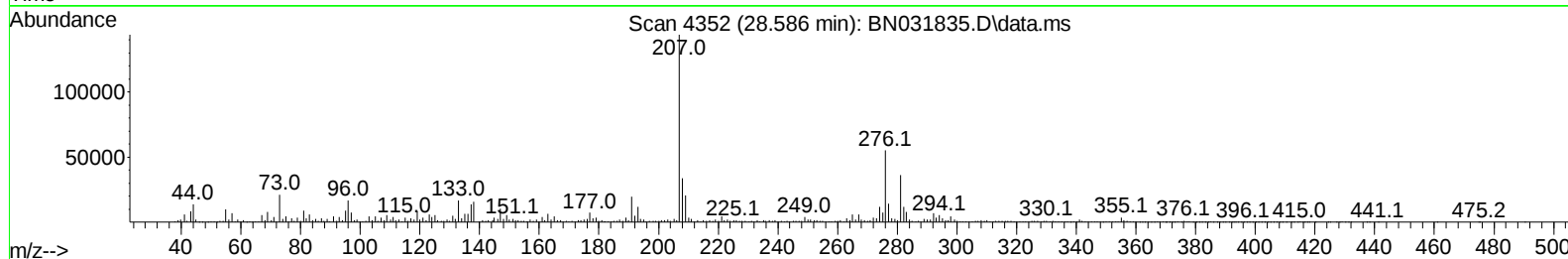
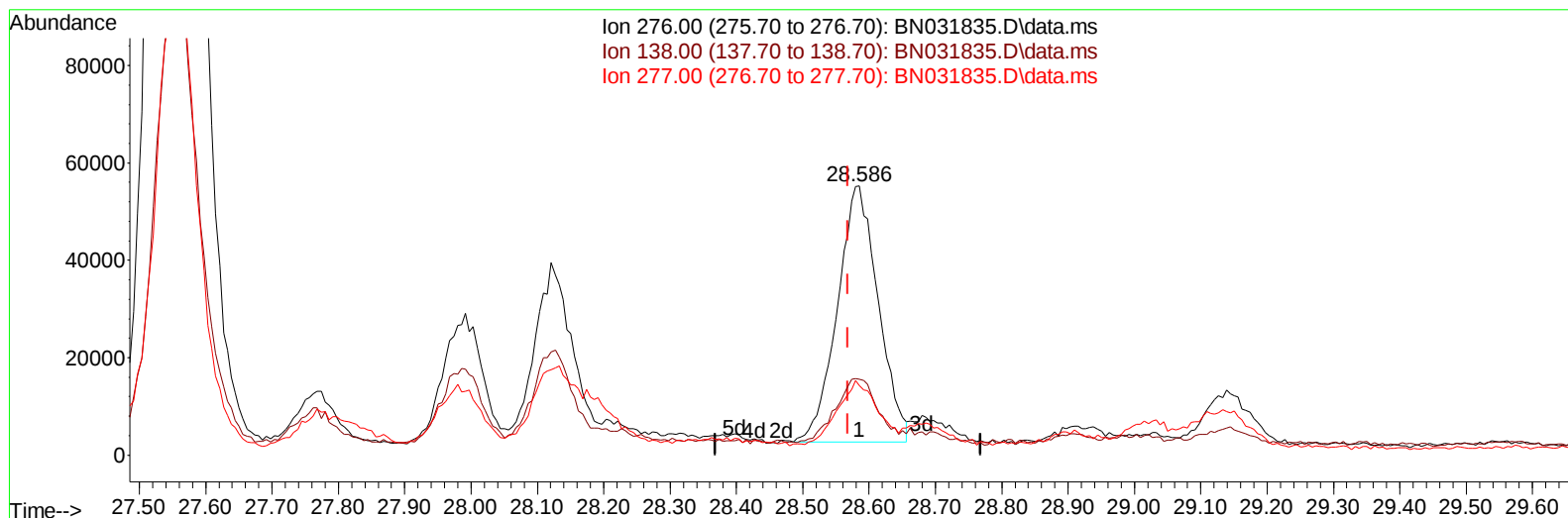
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN060624\  
Data File : BN031835.D  
Acq On : 07 Jun 2024 01:48  
Operator : MA/JU  
Sample : P2634-09  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
BHBX3

Manual IntegrationsAPPROVED

Quant Time: Jun 07 02:42:45 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

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



TIC: BN031835.D\data.ms

**(96) Benzo(g,h,i)perylene**

**28.586min (+ 0.017) 3.05 ng/u1**

**response 224803**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 276.00 | 100.00 | 100.00 |
| 138.00 | 26.10  | 28.24  |
| 277.00 | 22.50  | 25.86  |
| 0.00   | 0.00   | 0.00   |

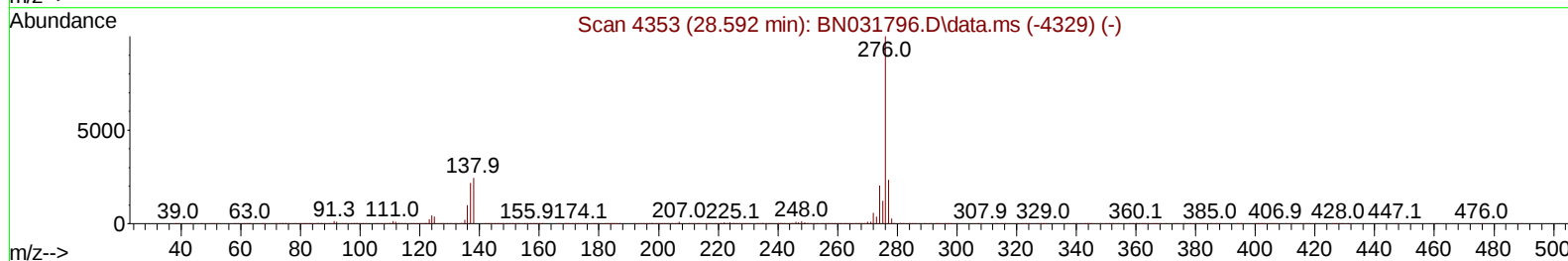
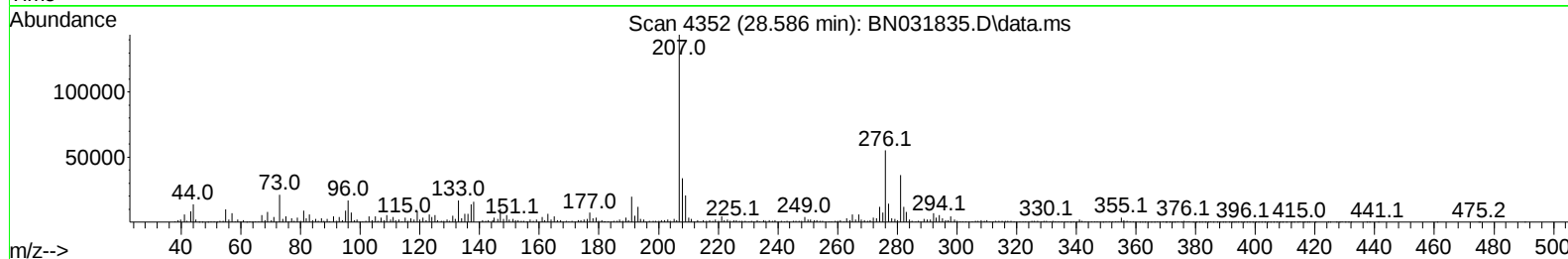
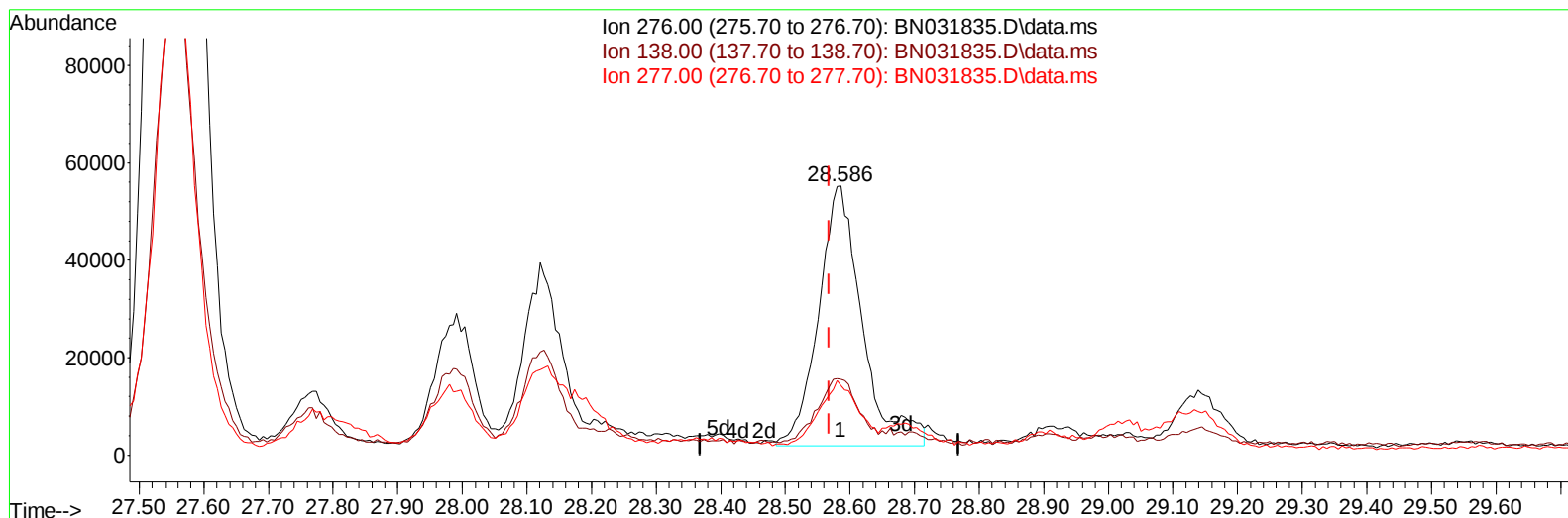
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN060624\  
Data File : BN031835.D  
Acq On : 07 Jun 2024 01:48  
Operator : MA/JU  
Sample : P2634-09  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
BHBX3

Manual IntegrationsAPPROVED

Quant Time: Jun 07 02:42:45 2024  
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Supervised By :mohammad ahmed 06/08/2024



TIC: BN031835.D\data.ms

(96) Benzo(g,h,i)perylene

28.586min (+ 0.017) 3.42 ng/ul m

response 251866

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 276.00 | 100.00 | 100.00 |
| 138.00 | 26.10  | 28.24  |
| 277.00 | 22.50  | 25.86  |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN060624\  
 Data File : BN031835.D  
 Acq On : 07 Jun 2024 01:48  
 Operator : MA/JU  
 Sample : P2634-09  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 BHBX3

Manual IntegrationsAPPROVED

Quant Time: Jun 07 02:43:11 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

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

| Compound                      | R.T.   | Q   | Ion | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|-----|-----|----------|--------|-------|----------|
| -----                         |        |     |     |          |        |       |          |
| Internal Standards            |        |     |     |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.669  | 152 |     | 431209   | 20.000 | ng/ul | -0.02    |
| 20) Naphthalene-d8            | 10.457 | 136 |     | 1771878  | 20.000 | ng/ul | -0.01    |
| 38) Acenaphthene-d10          | 14.316 | 164 |     | 1053767  | 20.000 | ng/ul | -0.01    |
| 64) Phenanthrene-d10          | 17.063 | 188 |     | 1966662  | 20.000 | ng/ul | 0.00     |
| 79) Chrysene-d12              | 21.304 | 240 |     | 1167014  | 20.000 | ng/ul | 0.00     |
| 88) Perylene-d12              | 24.245 | 264 |     | 1436785  | 20.000 | ng/ul | 0.00     |
| System Monitoring Compounds   |        |     |     |          |        |       |          |
| 3) 1,4-Dioxane-d8             | 3.187  | 96  |     | 47271    | 4.535  | ng/uL | 0.00     |
| 4) Pyridine-d5                | 3.593  | 84  |     | 293592   | 10.006 | ng/ul | 0.00     |
| 7) Phenol-d5                  | 6.846  | 99  |     | 1042382  | 28.198 | ng/ul | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.010  | 67  |     | 568519   | 26.293 | ng/ul | -0.02    |
| 11) 2-Chlorophenol-d4         | 7.204  | 132 |     | 819179   | 29.042 | ng/ul | -0.01    |
| 15) 4-Methylphenol-d8         | 8.381  | 113 |     | 794968   | 26.382 | ng/ul | 0.00     |
| 21) Nitrobenzene-d5           | 8.828  | 128 |     | 414292   | 30.580 | ng/ul | -0.01    |
| 24) 2-Nitrophenol-d4          | 9.545  | 143 |     | 449934   | 32.150 | ng/ul | -0.01    |
| 28) 2,4-Dichlorophenol-d3     | 10.081 | 165 |     | 773831   | 29.619 | ng/ul | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.598 | 131 |     | 549523   | 14.166 | ng/ul | -0.01    |
| 46) Dimethylphthalate-d6      | 13.733 | 166 |     | 2234024  | 30.431 | ng/ul | -0.01    |
| 49) Acenaphthylene-d8         | 14.010 | 160 |     | 2668780  | 31.616 | ng/ul | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.528 | 143 |     | 387742   | 26.379 | ng/ul | 0.00     |
| 60) Fluorene-d10              | 15.310 | 176 |     | 1926344  | 31.012 | ng/ul | -0.01    |
| 65) 4,6-Dinitro-2-methylph... | 15.439 | 200 |     | 204734   | 20.711 | ng/ul | 0.00     |
| 73) Anthracene-d10            | 17.163 | 188 |     | 2795799  | 33.205 | ng/ul | 0.00     |
| 81) Pyrene-d10                | 19.463 | 212 |     | 2277767  | 36.474 | ng/ul | 0.00     |
| 92) Benzo(a)pyrene-d12        | 24.045 | 264 |     | 1690884  | 24.646 | ng/ul | 0.00     |
| Target Compounds              |        |     |     |          |        |       |          |
|                               |        |     |     |          |        |       | Qvalue   |
| 50) Acenaphthylene            | 14.039 | 152 |     | 485595   | 5.090  | ng/ul | 99       |
| 61) Fluorene                  | 15.369 | 166 |     | 96925    | 1.404  | ng/ul | 97       |
| 72) Phenanthrene              | 17.110 | 178 |     | 2495008  | 24.904 | ng/ul | 99       |
| 74) Anthracene                | 17.198 | 178 |     | 487378   | 4.801  | ng/ul | 98       |
| 77) Carbazole                 | 17.469 | 167 |     | 203433   | 2.350  | ng/ul | 100      |
| 80) Fluoranthene              | 19.133 | 202 |     | 5207743  | 69.778 | ng/ul | 99       |
| 82) Pyrene                    | 19.498 | 202 |     | 4545540  | 59.362 | ng/ul | 96       |
| 83) Butylbenzylphthalate      | 20.398 | 149 |     | 136326   | 3.769  | ng/ul | 97       |
| 85) Benzo(a)anthracene        | 21.286 | 228 |     | 2634419  | 33.726 | ng/ul | 99       |
| 86) Bis(2-ethylhexyl)phtha... | 21.210 | 149 |     | 722112   | 13.697 | ng/ul | 99       |
| 87) Chrysene                  | 21.345 | 228 |     | 2813873  | 38.566 | ng/ul | 95       |
| 90) Benzo(b)fluoranthene      | 23.315 | 252 |     | 3979846  | 46.342 | ng/ul | 97       |
| 91) Benzo(k)fluoranthene      | 23.374 | 252 |     | 1429266  | 16.960 | ng/ul | 96       |
| 93) Benzo(a)pyrene            | 24.109 | 252 |     | 1861520  | 23.143 | ng/ul | 96       |
| 94) Indeno(1,2,3-cd)pyrene    | 27.556 | 276 |     | 1704323  | 18.388 | ng/ul | 98       |
| 95) Dibenzo(a,h)anthracene    | 27.597 | 278 |     | 577327m  | 7.629  | ng/ul |          |
| 96) Benzo(g,h,i)perylene      | 28.586 | 276 |     | 251866m  | 3.418  | ng/ul |          |
| -----                         |        |     |     |          |        |       |          |

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

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