

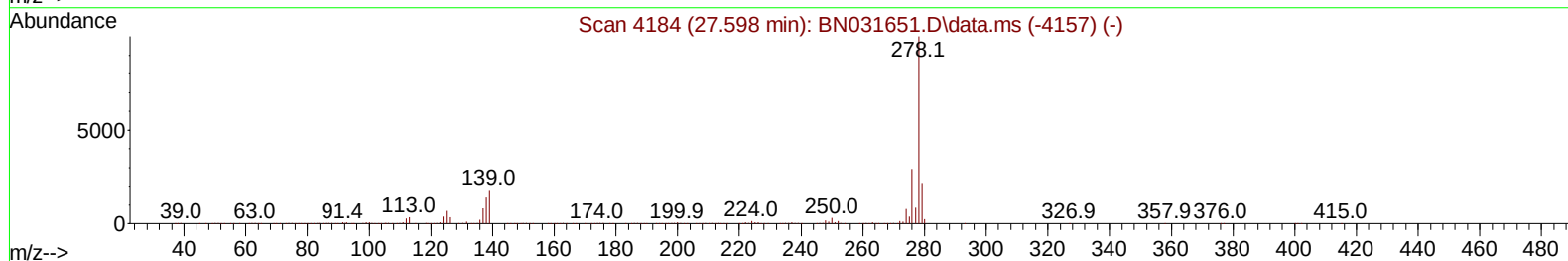
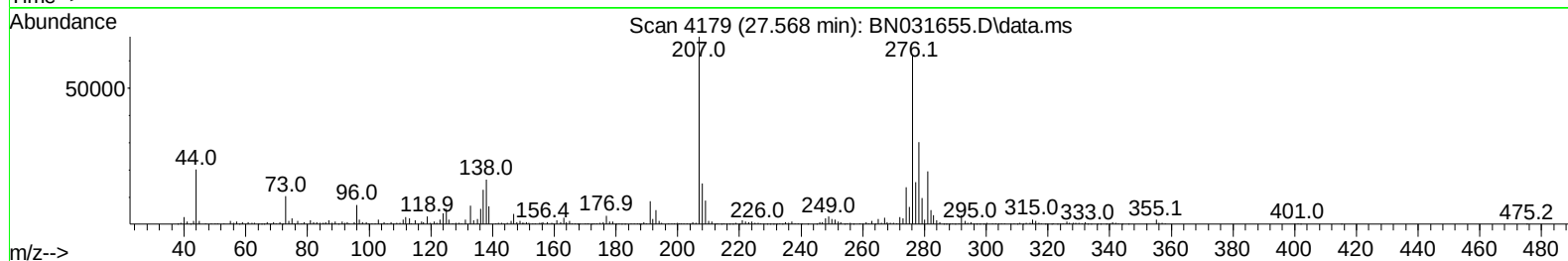
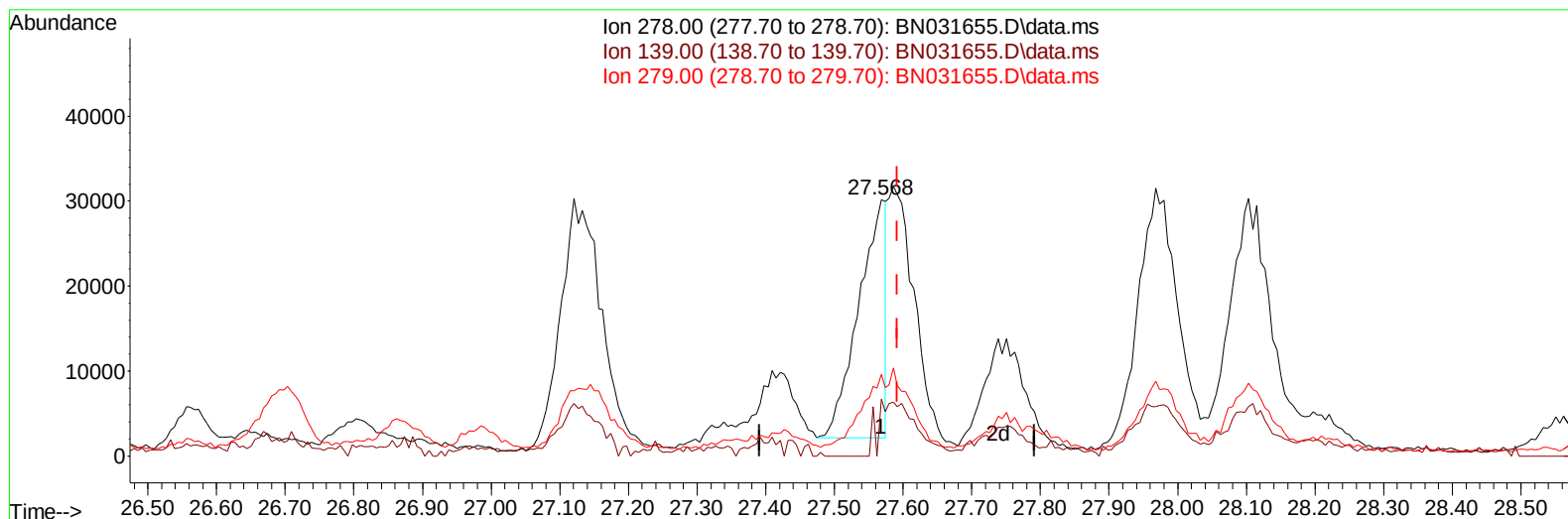
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN052424\  
Data File : BN031655.D  
Acq On : 24 May 2024 11:02  
Operator : MA/JU  
Sample : P2548-05  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
BH5Y2

Manual IntegrationsAPPROVED

Quant Time: May 24 22:41:45 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN052124.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue May 21 23:42:49 2024  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 05/25/2024  
Supervised By :mohammad ahmed 05/27/2024



TIC: BN031655.D\data.ms

(95) Dibenzo(a,h)anthracene

27.568min (-0.024) 0.80 ng/u1

response 77409

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 278.00 | 100.00 | 100.00 |
| 139.00 | 19.00  | 22.16  |
| 279.00 | 23.00  | 31.75# |
| 0.00   | 0.00   | 0.00   |

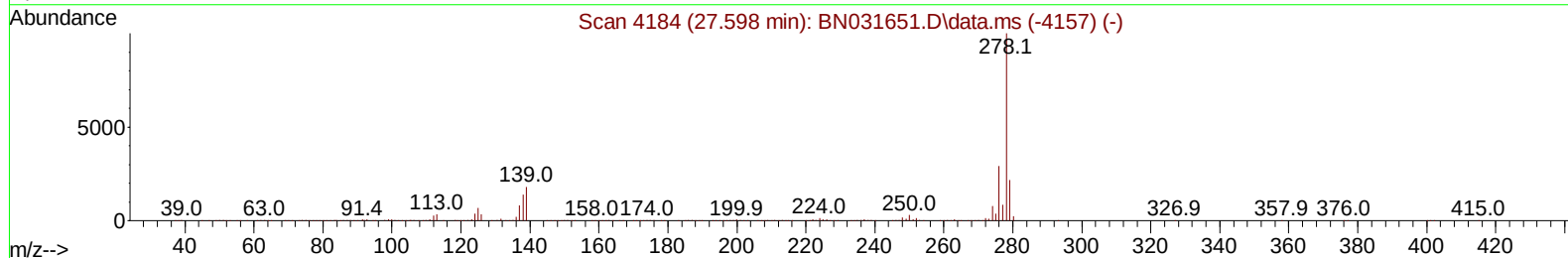
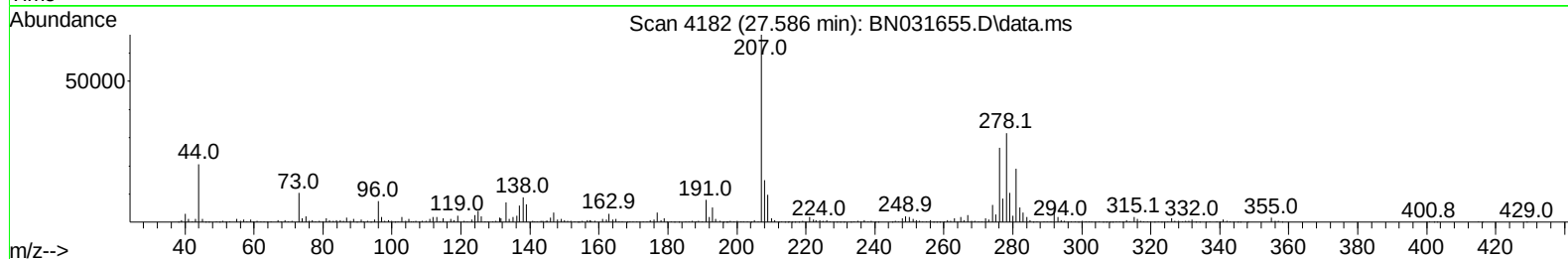
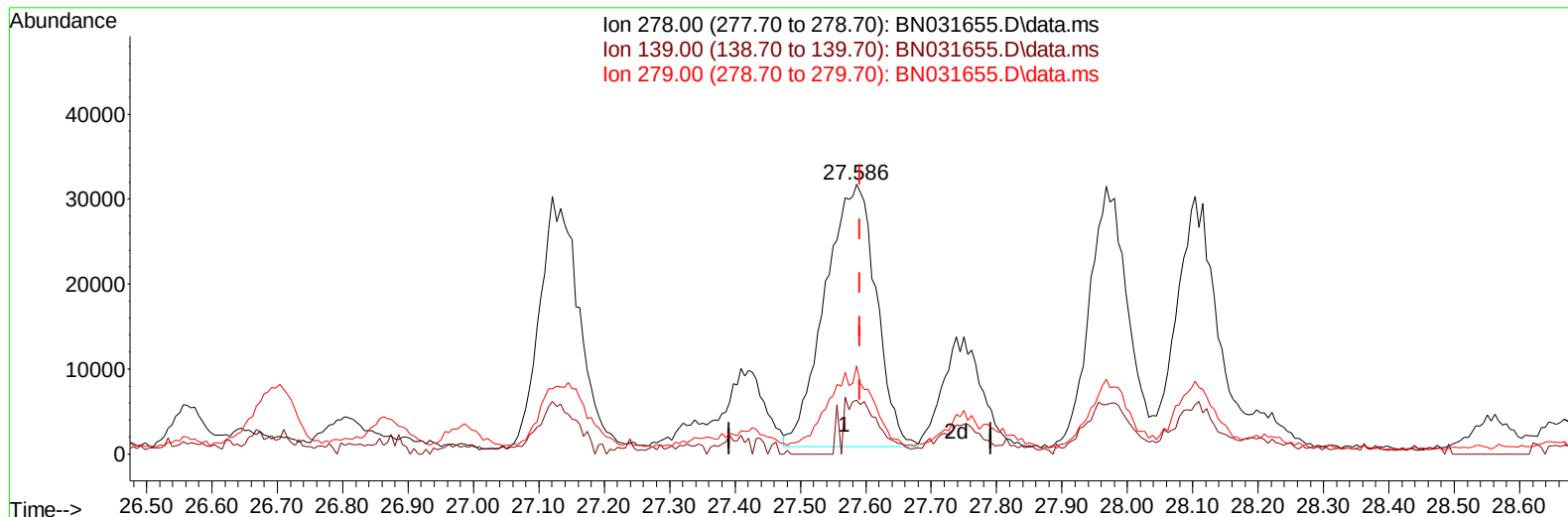
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN052424\  
Data File : BN031655.D  
Acq On : 24 May 2024 11:02  
Operator : MA/JU  
Sample : P2548-05  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
BH5Y2

Manual IntegrationsAPPROVED

Quant Time: May 24 22:41:45 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN052124.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue May 21 23:42:49 2024  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 05/25/2024  
Supervised By :mohammad ahmed 05/27/2024



TIC: BN031655.D\data.ms

(95) Dibenzo(a,h)anthracene

27.586min (-0.006) 1.73 ng/u1 m

response 167464

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 278.00 | 100.00 | 100.00 |
| 139.00 | 19.00  | 19.99  |
| 279.00 | 23.00  | 32.75# |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN052424\  
 Data File : BN031655.D  
 Acq On : 24 May 2024 11:02  
 Operator : MA/JU  
 Sample : P2548-05  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 BH5Y2

Manual IntegrationsAPPROVED

Quant Time: May 24 22:55:38 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN052124.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue May 21 23:42:49 2024  
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 05/25/2024  
 Supervised By :mohammad ahmed 05/27/2024

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.687  | 152  | 526664   | 20.000 | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 10.469 | 136  | 2182413  | 20.000 | ng/ul  | 0.00     |
| 38) Acenaphthene-d10          | 14.328 | 164  | 1163079  | 20.000 | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.069 | 188  | 1859220  | 20.000 | ng/ul  | 0.00     |
| 79) Chrysene-d12              | 21.304 | 240  | 1417124  | 20.000 | ng/ul  | 0.00     |
| 88) Perylene-d12              | 24.245 | 264  | 1748536  | 20.000 | ng/ul  | 0.01     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.199  | 96   | 45191    | 3.401  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.599  | 84   | 595490   | 16.060 | ng/ul  | 0.00     |
| 7) Phenol-d5                  | 6.852  | 99   | 973760   | 22.461 | ng/ul  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.028  | 67   | 559364   | 21.512 | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.222  | 132  | 739659   | 22.141 | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.387  | 113  | 757168   | 22.560 | ng/ul  | 0.00     |
| 21) Nitrobenzene-d5           | 8.840  | 128  | 374107   | 22.650 | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.557  | 143  | 362081   | 22.957 | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.087 | 165  | 705839   | 22.888 | ng/ul  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.610 | 131  | 991780   | 22.310 | ng/ul  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.739 | 166  | 1983630  | 27.063 | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 14.016 | 160  | 2366173  | 25.756 | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.522 | 143  | 253128   | 18.252 | ng/ul  | 0.00     |
| 60) Fluorene-d10              | 15.322 | 176  | 1622392  | 25.541 | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.433 | 200  | 127618   | 15.876 | ng/ul  | 0.00     |
| 73) Anthracene-d10            | 17.169 | 188  | 2057568  | 26.143 | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.469 | 212  | 2028942  | 22.826 | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 24.039 | 264  | 2200675  | 26.738 | ng/ul  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 52) Acenaphthene              | 14.386 | 153  | 95601    | 1.391  | ng/ul  | 92       |
| 61) Fluorene                  | 15.375 | 166  | 102237   | 1.423  | ng/ul  | 98       |
| 72) Phenanthrene              | 17.110 | 178  | 1629014  | 17.265 | ng/ul  | 99       |
| 74) Anthracene                | 17.204 | 178  | 362034   | 3.824  | ng/ul  | 98       |
| 77) Carbazole                 | 17.475 | 167  | 141971   | 1.757  | ng/ul  | 100      |
| 80) Fluoranthene              | 19.127 | 202  | 2150734  | 19.575 | ng/ul  | 98       |
| 82) Pyrene                    | 19.492 | 202  | 1824066  | 16.188 | ng/ul  | 96       |
| 85) Benzo(a)anthracene        | 21.286 | 228  | 1007817  | 10.576 | ng/ul  | 98       |
| 87) Chrysene                  | 21.345 | 228  | 978078   | 11.111 | ng/ul  | 98       |
| 90) Benzo(b)fluoranthene      | 23.310 | 252  | 1357296  | 13.302 | ng/ul  | 99       |
| 91) Benzo(k)fluoranthene      | 23.368 | 252  | 388388   | 3.734  | ng/ul  | 96       |
| 93) Benzo(a)pyrene            | 24.098 | 252  | 933137   | 9.520  | ng/ul  | 97       |
| 94) Indeno(1,2,3-cd)pyrene    | 27.533 | 276  | 620811   | 5.277  | ng/ul  | 96       |
| 95) Dibenzo(a,h)anthracene    | 27.586 | 278  | 167464m  | 1.729  | ng/ul  |          |
| 96) Benzo(g,h,i)perylene      | 28.550 | 276  | 577094   | 5.938  | ng/ul  | 97       |
| -----                         |        |      |          |        |        |          |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN052424\  
Data File : BN031655.D  
Acq On : 24 May 2024 11:02  
Operator : MA/JU  
Sample : P2548-05  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
BH5Y2

Manual IntegrationsAPPROVED

Quant Time: May 24 22:55:38 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN052124.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue May 21 23:42:49 2024  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 05/25/2024  
Supervised By :mohammad ahmed 05/27/2024

