

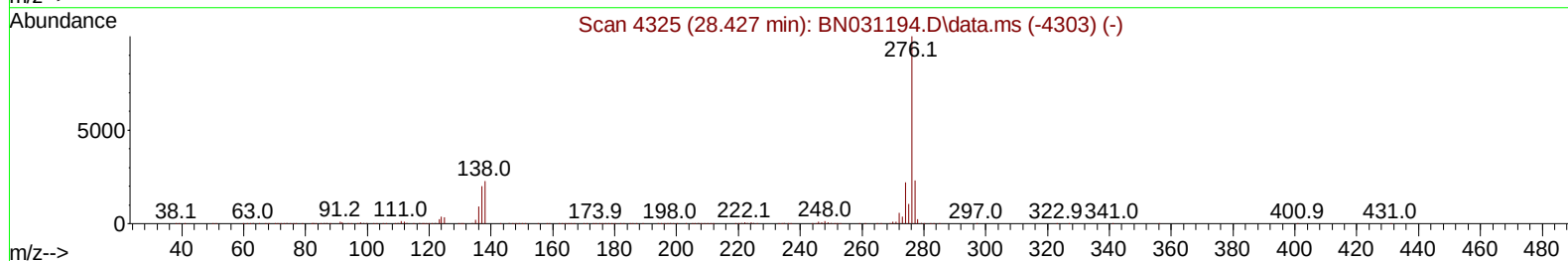
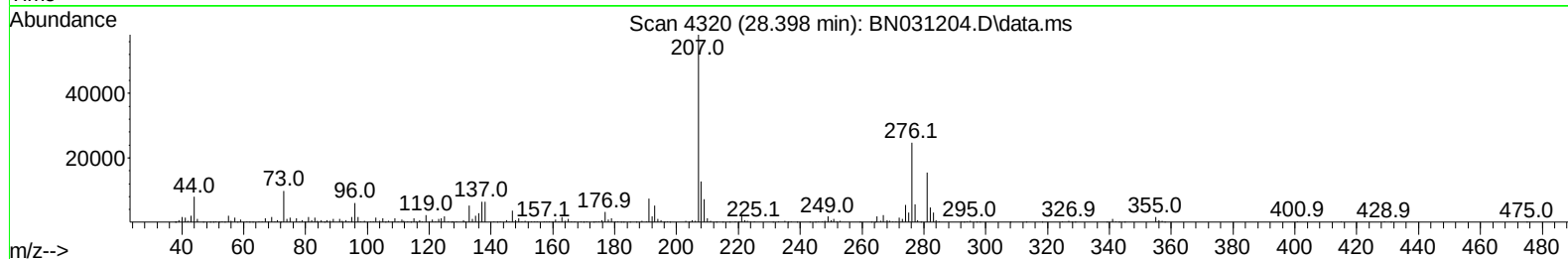
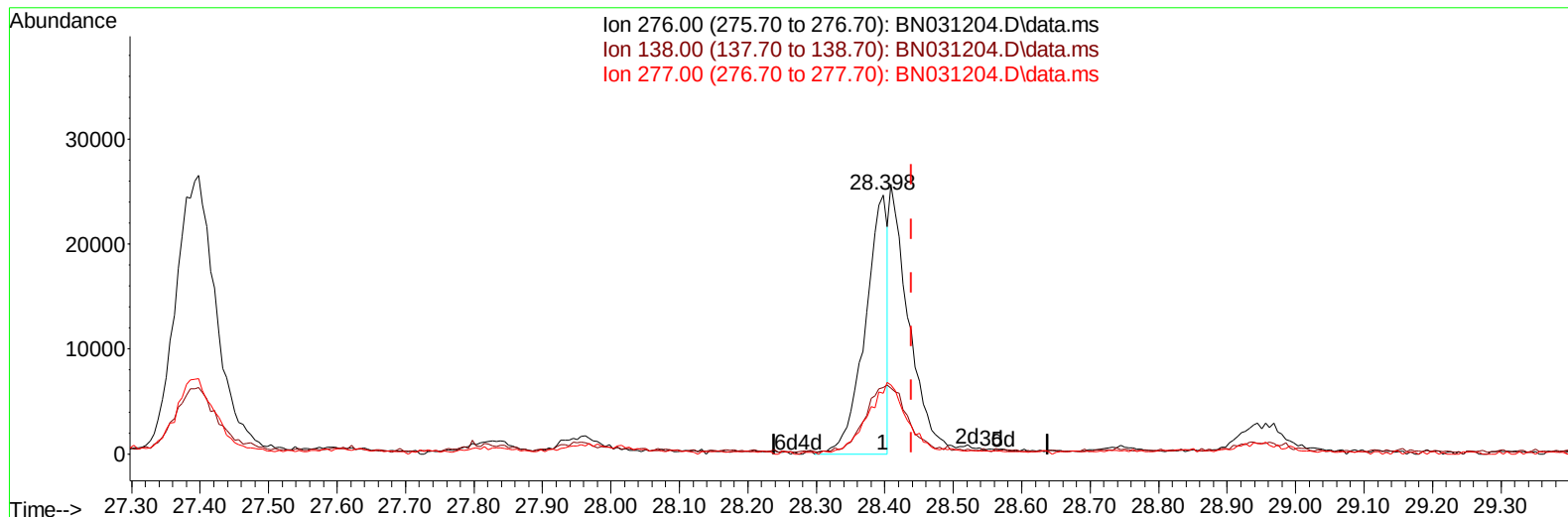
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN042424\  
Data File : BN031204.D  
Acq On : 25 Apr 2024 01:28  
Operator : MA/JU  
Sample : P2104-17  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
C0AC9

Manual IntegrationsAPPROVED

Quant Time: Apr 25 01:59:59 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN041924.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Fri Apr 19 22:56:25 2024  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/26/2024  
Supervised By :mohammad ahmed 04/27/2024



TIC: BN031204.D\data.ms

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

28.398min (-0.041) 0.66 ng/u1

response 55971

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 276.00 | 100.00 | 100.00 |
| 138.00 | 23.80  | 25.74  |
| 277.00 | 24.10  | 23.33  |
| 0.00   | 0.00   | 0.00   |

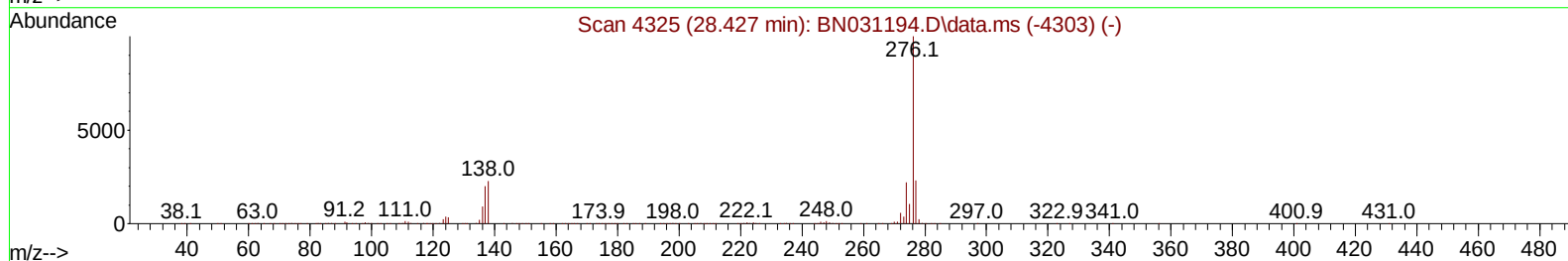
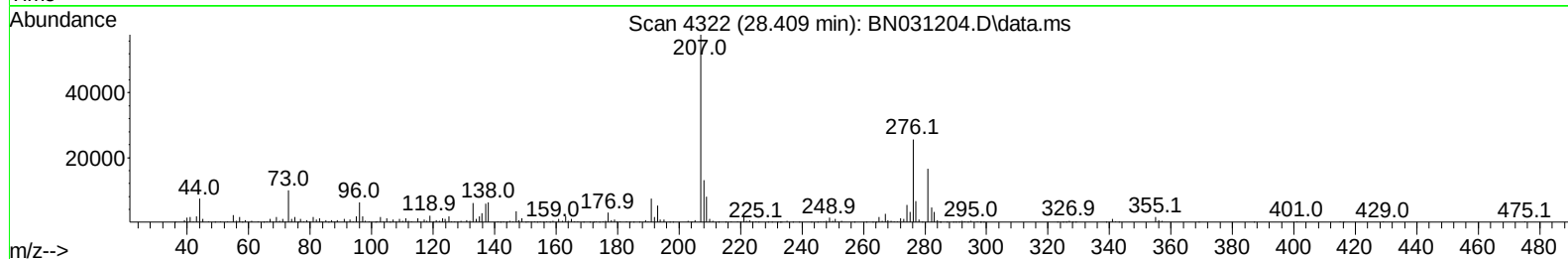
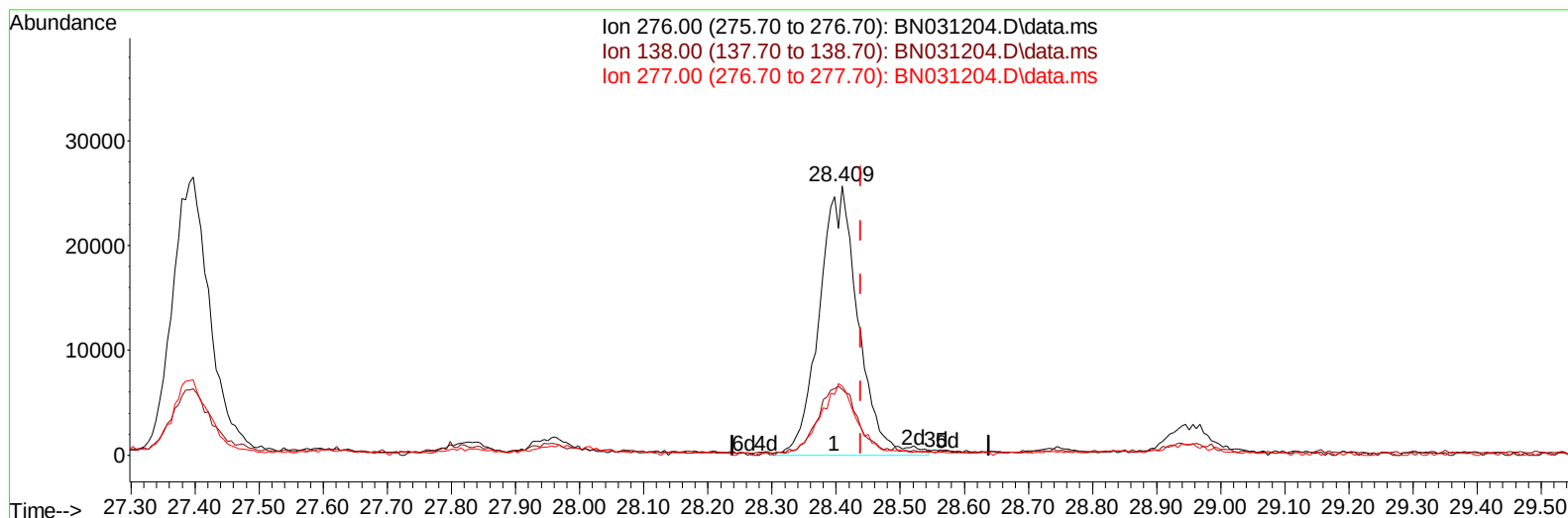
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TIC: BN031204.D\data.ms

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

28.409min (-0.030) 1.28 ng/ul m

response 107993

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 276.00 | 100.00 | 100.00 |
| 138.00 | 23.80  | 24.41  |
| 277.00 | 24.10  | 25.66  |
| 0.00   | 0.00   | 0.00   |

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 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_N  
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 C0AC9

## Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/26/2024  
 Supervised By :mohammad ahmed 04/27/2024

Quant Time: Apr 25 02:00:54 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN041924.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Apr 19 22:56:25 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.628  | 152  | 153281   | 20.000 | ng/ul  | -0.01    |
| 20) Naphthalene-d8            | 10.410 | 136  | 722084   | 20.000 | ng/ul  | 0.00     |
| 38) Acenaphthene-d10          | 14.275 | 164  | 488857   | 20.000 | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.022 | 188  | 1118955  | 20.000 | ng/ul  | -0.01    |
| 79) Chrysene-d12              | 21.263 | 240  | 1273843  | 20.000 | ng/ul  | 0.00     |
| 88) Perylene-d12              | 24.157 | 264  | 1501478  | 20.000 | ng/ul  | -0.01    |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.146  | 96   | 9496     | 2.894  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.552  | 84   | 90797    | 9.610  | ng/ul  | 0.00     |
| 7) Phenol-d5                  | 6.805  | 99   | 252700   | 19.543 | ng/ul  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 6.969  | 67   | 148665   | 19.762 | ng/ul  | -0.01    |
| 11) 2-Chlorophenol-d4         | 7.163  | 132  | 204277   | 20.290 | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.334  | 113  | 188739   | 17.357 | ng/ul  | 0.00     |
| 21) Nitrobenzene-d5           | 8.781  | 128  | 104435   | 20.130 | ng/ul  | -0.01    |
| 24) 2-Nitrophenol-d4          | 9.499  | 143  | 108597   | 20.137 | ng/ul  | -0.01    |
| 28) 2,4-Dichlorophenol-d3     | 10.034 | 165  | 207552   | 19.516 | ng/ul  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.551 | 131  | 293949   | 17.687 | ng/ul  | -0.01    |
| 46) Dimethylphthalate-d6      | 13.692 | 166  | 715510   | 21.033 | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 13.963 | 160  | 820218   | 21.277 | ng/ul  | -0.01    |
| 54) 4-Nitrophenol-d4          | 14.492 | 143  | 116266   | 16.375 | ng/ul  | 0.00     |
| 60) Fluorene-d10              | 15.269 | 176  | 649882   | 21.945 | ng/ul  | -0.01    |
| 65) 4,6-Dinitro-2-methylph... | 15.398 | 200  | 66373    | 11.757 | ng/ul  | 0.00     |
| 73) Anthracene-d10            | 17.122 | 188  | 1079935  | 22.267 | ng/ul  | -0.01    |
| 81) Pyrene-d10                | 19.427 | 212  | 1455287  | 23.249 | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.957 | 264  | 1663287  | 23.360 | ng/ul  | -0.02    |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 16) Acetophenone              | 8.446  | 105  | 44853    | 2.662  | ng/ul  | 97       |
| 87) Chrysene                  | 21.298 | 228  | 82720    | 1.007  | ng/ul  | 97       |
| 90) Benzo(b)fluoranthene      | 23.239 | 252  | 164329   | 1.945  | ng/ul# | 96       |
| 93) Benzo(a)pyrene            | 24.015 | 252  | 114669   | 1.361  | ng/ul  | 97       |
| 94) Indeno(1,2,3-cd)pyrene    | 27.398 | 276  | 106698   | 1.020  | ng/ul  | 94       |
| 96) Benzo(g,h,i)perylene      | 28.409 | 276  | 107993m  | 1.282  | ng/ul  |          |
| -----                         |        |      |          |        |        |          |

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

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