

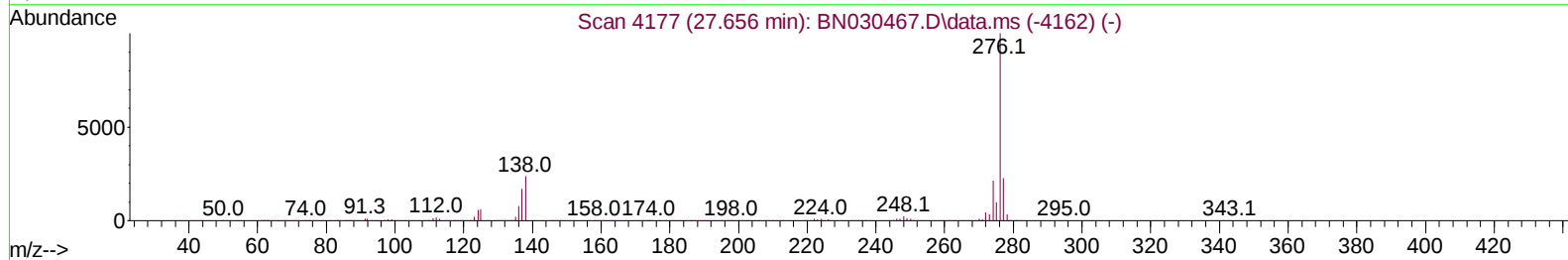
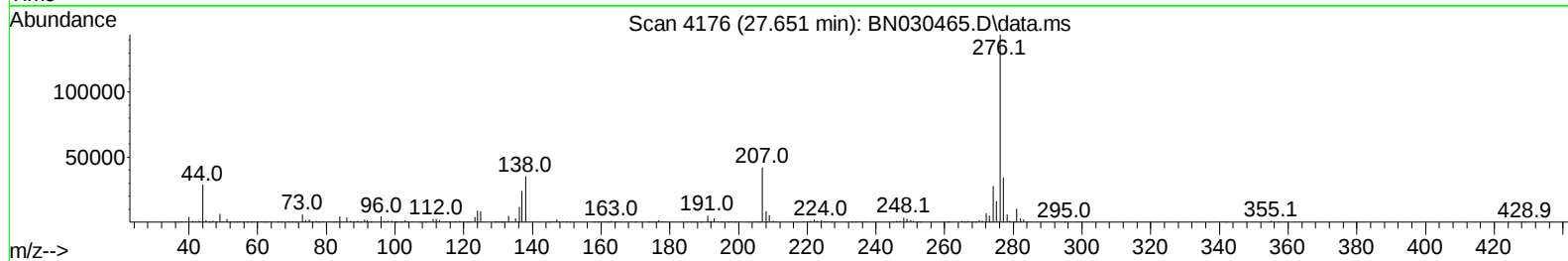
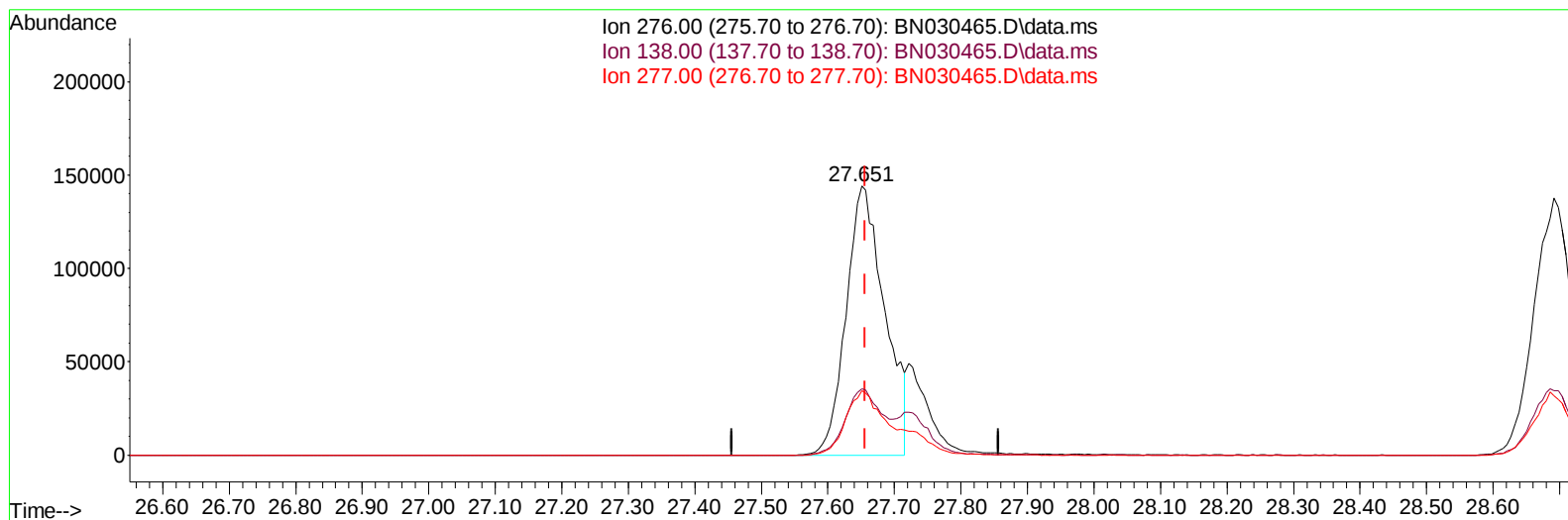
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN032324\  
Data File : BN030465.D  
Acq On : 22 Mar 2024 13:38  
Operator : MA/JU  
Sample : SSTD00526  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
SSTD005204

Manual IntegrationsAPPROVED

Quant Time: Mar 22 16:18:05 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN032324.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Fri Mar 22 16:13:27 2024  
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 03/25/2024  
Supervised By :mohammad ahmed 03/26/2024



TIC: BN030465.D\data.ms

**(94) Indeno(1,2,3-cd)pyrene**

**27.651min (-0.006) 3.47 ng/u1**

**response 582143**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 276.00 | 100.00 | 100.00 |
| 138.00 | 23.60  | 24.59  |
| 277.00 | 22.70  | 23.88  |
| 0.00   | 0.00   | 0.00   |

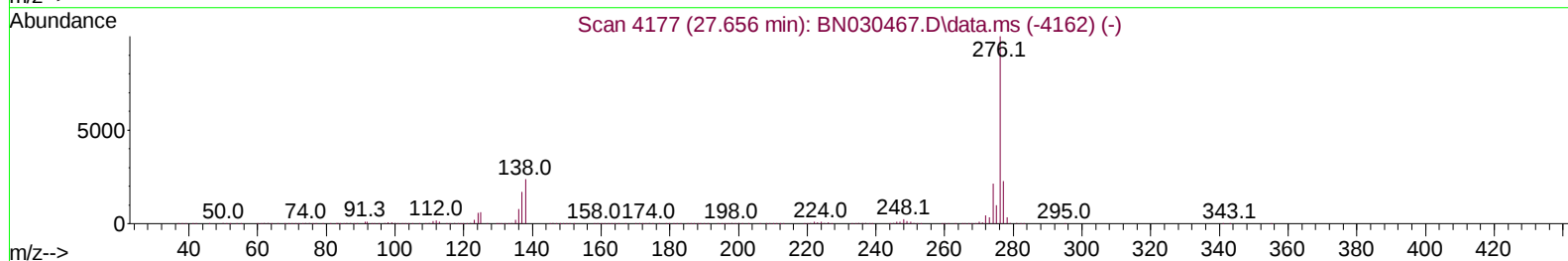
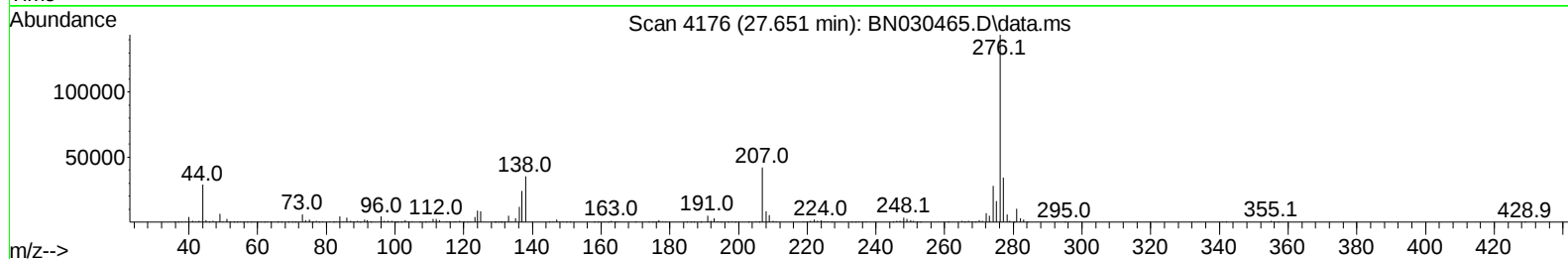
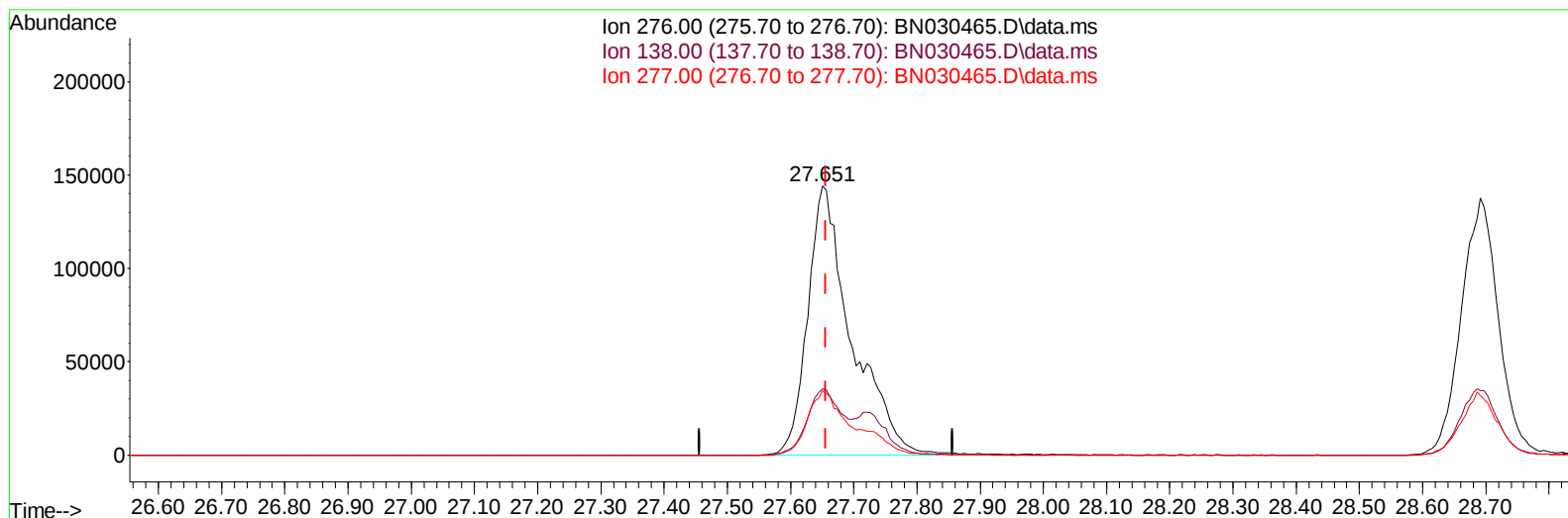
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Manual IntegrationsAPPROVED

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TIC: BN030465.D\data.ms

(94) Indeno(1,2,3-cd)pyrene

27.651min (-0.006) 4.12 ng/ul m

response 691884

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 276.00 | 100.00 | 100.00 |
| 138.00 | 23.60  | 24.59  |
| 277.00 | 22.70  | 23.88  |
| 0.00   | 0.00   | 0.00   |

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 Sample : SSTD00526  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
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 SSTD005204

Manual IntegrationsAPPROVED

Quant Time: Mar 22 16:19:28 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN032324.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Mar 22 16:13:27 2024  
 Response via : Initial Calibration

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| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.728  | 152  | 326127   | 20.000 | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 10.510 | 136  | 1518686  | 20.000 | ng/ul  | 0.00     |
| 38) Acenaphthene-d10          | 14.369 | 164  | 1084380  | 20.000 | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.116 | 188  | 2355754  | 20.000 | ng/ul  | 0.00     |
| 79) Chrysene-d12              | 21.357 | 240  | 2303476  | 20.000 | ng/ul  | 0.00     |
| 88) Perylene-d12              | 24.321 | 264  | 2533250  | 20.000 | ng/ul  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.222  | 96   | 16204    | 1.849  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 0.000  | 84   | 0d       | 0.000  | ng/ul  |          |
| 7) Phenol-d5                  | 0.000  | 99   | 0d       | 0.000  | ng/ul  |          |
| 9) Bis-(2-Chloroethyl)eth...  | 0.000  | 67   | 0d       | 0.000  | ng/ul  |          |
| 11) 2-Chlorophenol-d4         | 7.258  | 132  | 88950    | 3.892  | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 0.000  | 113  | 0d       | 0.000  | ng/ul  |          |
| 21) Nitrobenzene-d5           | 8.881  | 128  | 42980    | 3.781  | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.599  | 143  | 33594    | 3.330  | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.128 | 165  | 84305    | 3.697  | ng/ul  | 0.00     |
| 31) 4-Chloroaniline-d4        | 0.000  | 131  | 0d       | 0.000  | ng/ul  |          |
| 46) Dimethylphthalate-d6      | 13.781 | 166  | 366246   | 4.355  | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 14.057 | 160  | 394305   | 4.050  | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 0.000  | 143  | 0d       | 0.000  | ng/ul  |          |
| 60) Fluorene-d10              | 15.363 | 176  | 321801   | 4.506  | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 0.000  | 200  | 0d       | 0.000  | ng/ul  |          |
| 73) Anthracene-d10            | 17.210 | 188  | 490998   | 4.360  | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.510 | 212  | 566298   | 4.131  | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 24.115 | 264  | 497828   | 3.796  | ng/ul  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.252  | 88   | 16351    | 1.805  | ng/uL  | 97       |
| 12) 2-Chlorophenol            | 7.293  | 128  | 100090   | 4.194  | ng/ul  | 95       |
| 17) N-Nitroso-di-n-propyla... | 8.528  | 70   | 97158    | 4.655  | ng/ul  | 98       |
| 19) Hexachloroethane          | 8.799  | 117  | 43527    | 4.425  | ng/ul  | 95       |
| 22) Nitrobenzene              | 8.922  | 77   | 122805   | 4.217  | ng/ul  | 95       |
| 23) Isophorone                | 9.446  | 82   | 271088   | 4.305  | ng/ul  | 99       |
| 25) 2-Nitrophenol             | 9.628  | 139  | 38608    | 3.248  | ng/ul  | 97       |
| 26) 2,4-Dimethylphenol        | 9.687  | 107  | 119440   | 4.252  | ng/ul  | 99       |
| 27) Bis(2-Chloroethoxy)met... | 9.934  | 93   | 178733   | 4.706  | ng/ul  | 98       |
| 29) 2,4-Dichlorophenol        | 10.157 | 162  | 90197    | 3.922  | ng/ul  | 98       |
| 30) Naphthalene               | 10.563 | 128  | 393662   | 4.592  | ng/ul  | 99       |
| 33) Hexachlorobutadiene       | 10.846 | 225  | 60313    | 4.330  | ng/ul  | 98       |
| 35) 4-Chloro-3-methylphenol   | 11.793 | 107  | 109570   | 4.009  | ng/ul  | 97       |
| 36) 2-Methylnaphthalene       | 12.181 | 142  | 269942   | 4.613  | ng/ul  | 99       |
| 37) 1-Methylnaphthalene       | 12.398 | 142  | 269388   | 4.648  | ng/ul  | 99       |
| 39) 1,2,4,5-Tetrachloroben... | 12.545 | 216  | 124051   | 3.898  | ng/ul  | 99       |
| 41) 2,4,6-Trichlorophenol     | 12.787 | 196  | 68386    | 3.414  | ng/ul  | 97       |
| 42) 2,4,5-Trichlorophenol     | 12.851 | 196  | 75416    | 3.461  | ng/ul  | 94       |
| 43) 1,1'-Biphenyl             | 13.198 | 154  | 375380   | 4.406  | ng/ul  | 98       |
| 44) 2-Chloronaphthalene       | 13.240 | 162  | 285544   | 4.263  | ng/ul  | 96       |
| 45) 2-Nitroaniline            | 13.440 | 65   | 60729    | 3.422  | ng/ul  | 94       |
| 47) Dimethylphthalate         | 13.828 | 163  | 387024   | 4.527  | ng/ul  | 99       |
| 48) 2,6-Dinitrotoluene        | 13.945 | 165  | 49160    | 3.345  | ng/ul  | 90       |

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 SSTD005204

## Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 03/25/2024  
 Supervised By :mohammad ahmed 03/26/2024

Quant Time: Mar 22 16:19:28 2024  
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 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Mar 22 16:13:27 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-------|--------|----------|
| -----                         |        |      |          |       |        |          |
| 50) Acenaphthylene            | 14.087 | 152  | 478880   | 4.265 | ng/ul  | 99       |
| 52) Acenaphthene              | 14.434 | 153  | 326054   | 4.441 | ng/ul  | 96       |
| 56) Dibenzofuran              | 14.769 | 168  | 446837   | 4.486 | ng/ul  | 100      |
| 57) 2,4-Dinitrotoluene        | 14.728 | 165  | 71559    | 3.330 | ng/ul# | 88       |
| 58) 2,3,4,6-Tetrachlorophenol | 14.987 | 232  | 62979    | 3.509 | ng/ul  | 98       |
| 59) Diethylphthalate          | 15.204 | 149  | 385631   | 4.421 | ng/ul  | 99       |
| 61) Fluorene                  | 15.416 | 166  | 382070   | 4.764 | ng/ul  | 99       |
| 62) 4-Chlorophenyl-phenyle... | 15.422 | 204  | 181327   | 4.708 | ng/ul  | 96       |
| 67) N-Nitrosodiphenylamine    | 15.634 | 169  | 316963   | 4.395 | ng/ul  | 99       |
| 68) 4-Bromophenyl-phenylether | 16.316 | 248  | 102892   | 4.326 | ng/ul  | 98       |
| 69) Hexachlorobenzene         | 16.410 | 284  | 121935   | 4.271 | ng/ul  | 96       |
| 72) Phenanthrene              | 17.157 | 178  | 610977   | 4.623 | ng/ul  | 99       |
| 74) Anthracene                | 17.245 | 178  | 622515   | 4.632 | ng/ul  | 98       |
| 75) 1,2,3,4-Tetrachloroben... | 13.157 | 216  | 125330   | 3.906 | ng/uL  | 95       |
| 76) Pentachlorobenzene        | 14.681 | 250  | 135231   | 4.260 | ng/uL  | 99       |
| 78) Di-n-butylphthalate       | 18.098 | 149  | 621159   | 4.125 | ng/ul  | 100      |
| 80) Fluoranthene              | 19.175 | 202  | 675255   | 4.067 | ng/ul  | 99       |
| 82) Pyrene                    | 19.539 | 202  | 745681   | 4.335 | ng/ul  | 99       |
| 83) Butylbenzylphthalate      | 20.463 | 149  | 218649   | 3.282 | ng/ul  | 98       |
| 85) Benzo(a)anthracene        | 21.339 | 228  | 749518   | 4.413 | ng/ul  | 99       |
| 86) Bis(2-ethylhexyl)phtha... | 21.292 | 149  | 360004   | 3.485 | ng/ul  | 94       |
| 87) Chrysene                  | 21.398 | 228  | 689133   | 4.417 | ng/ul  | 98       |
| 90) Benzo(b)fluoranthene      | 23.386 | 252  | 656743   | 3.993 | ng/ul  | 99       |
| 91) Benzo(k)fluoranthene      | 23.445 | 252  | 690239   | 4.176 | ng/ul  | 98       |
| 93) Benzo(a)pyrene            | 24.180 | 252  | 632045   | 4.107 | ng/ul  | 95       |
| 94) Indeno(1,2,3-cd)pyrene    | 27.651 | 276  | 691884m  | 4.125 | ng/ul  |          |
| 95) Dibenzo(a,h)anthracene    | 27.721 | 278  | 596789   | 4.244 | ng/ul  | 98       |
| 96) Benzo(g,h,i)perylene      | 28.692 | 276  | 560589   | 4.230 | ng/ul  | 99       |
| -----                         |        |      |          |       |        |          |

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

