

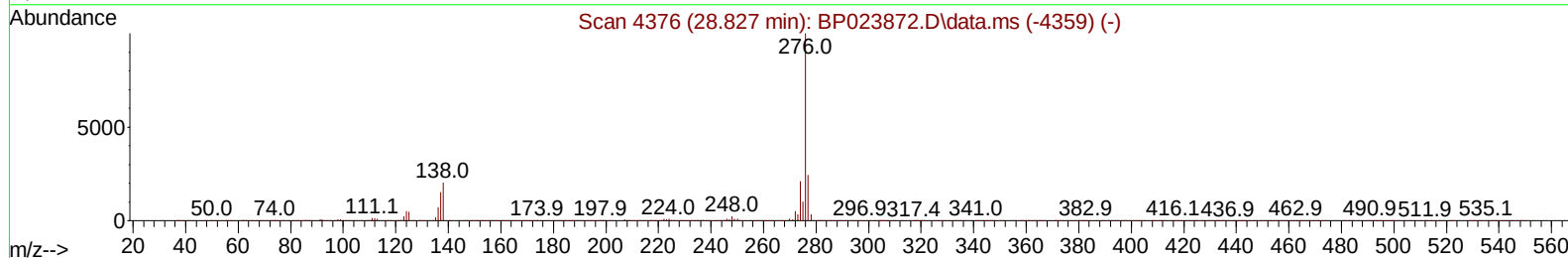
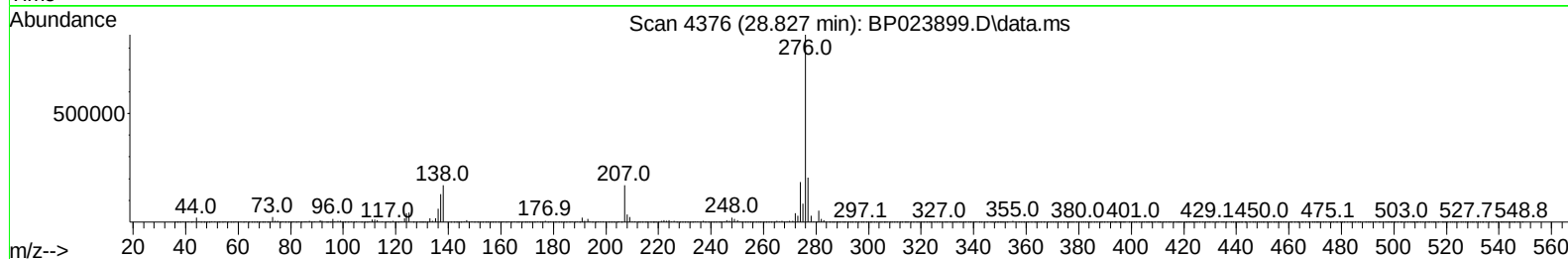
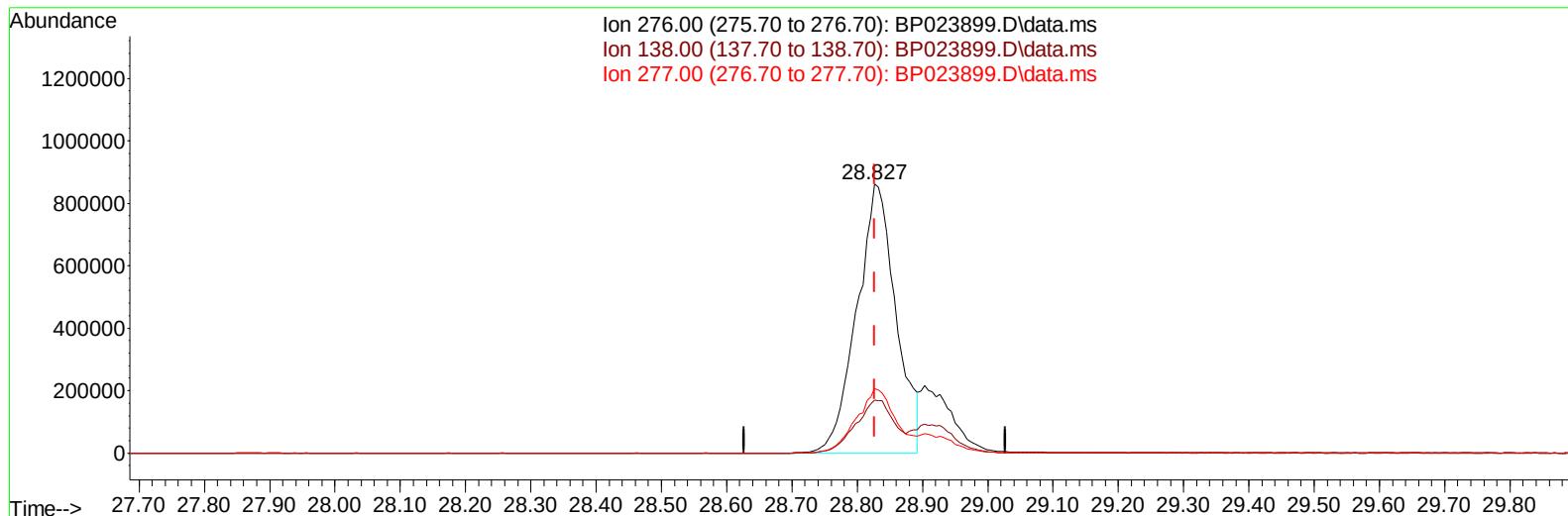
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP020325\  
Data File : BP023899.D  
Acq On : 04 Feb 2025 04:44  
Operator : RC/JU  
Sample : SSTDCCC020  
Misc :  
ALS Vial : 29 Sample Multiplier: 1

Instrument :  
BNA\_P  
LabSampleId :  
SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: Feb 04 08:06:34 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP012925.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Mon Feb 03 11:19:36 2025  
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 02/04/2025  
Supervised By :mohammad ahmed 02/06/2025



TIC: BP023899.D\data.ms

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

**28.827min (-0.000) 17.72 ng/u1**

**response 3567686**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 276.00 | 100.00 | 100.00 |
| 138.00 | 19.90  | 19.66  |
| 277.00 | 23.70  | 23.87  |
| 0.00   | 0.00   | 0.00   |

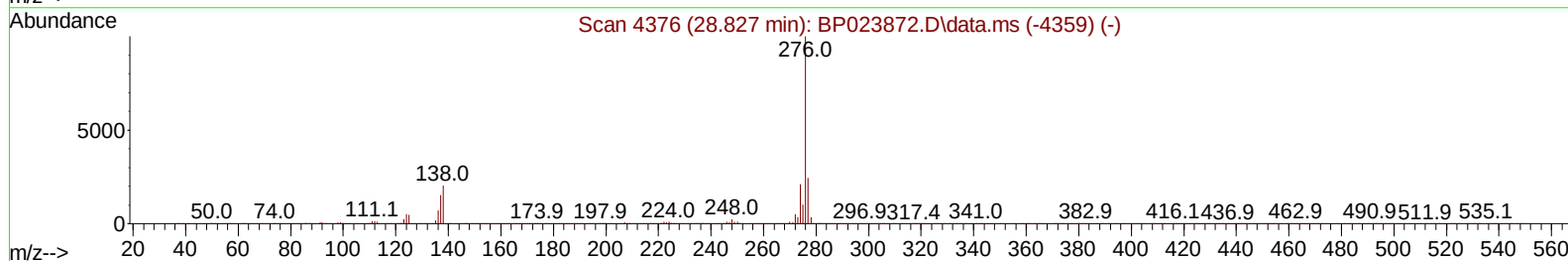
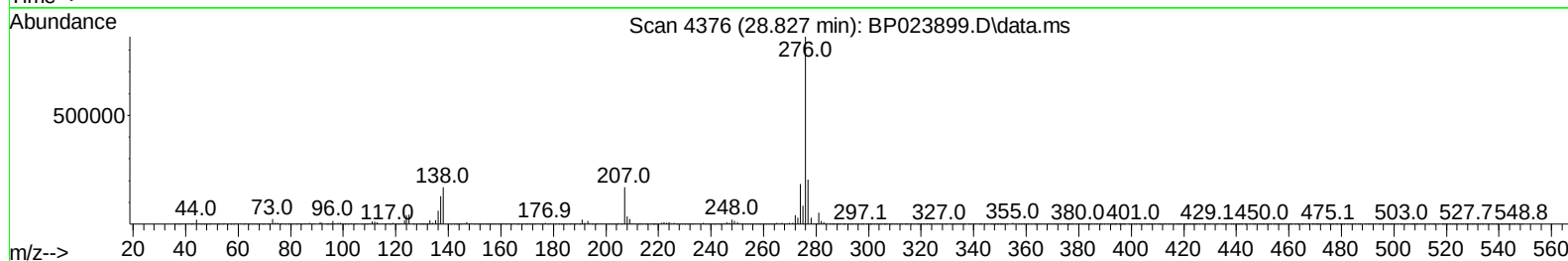
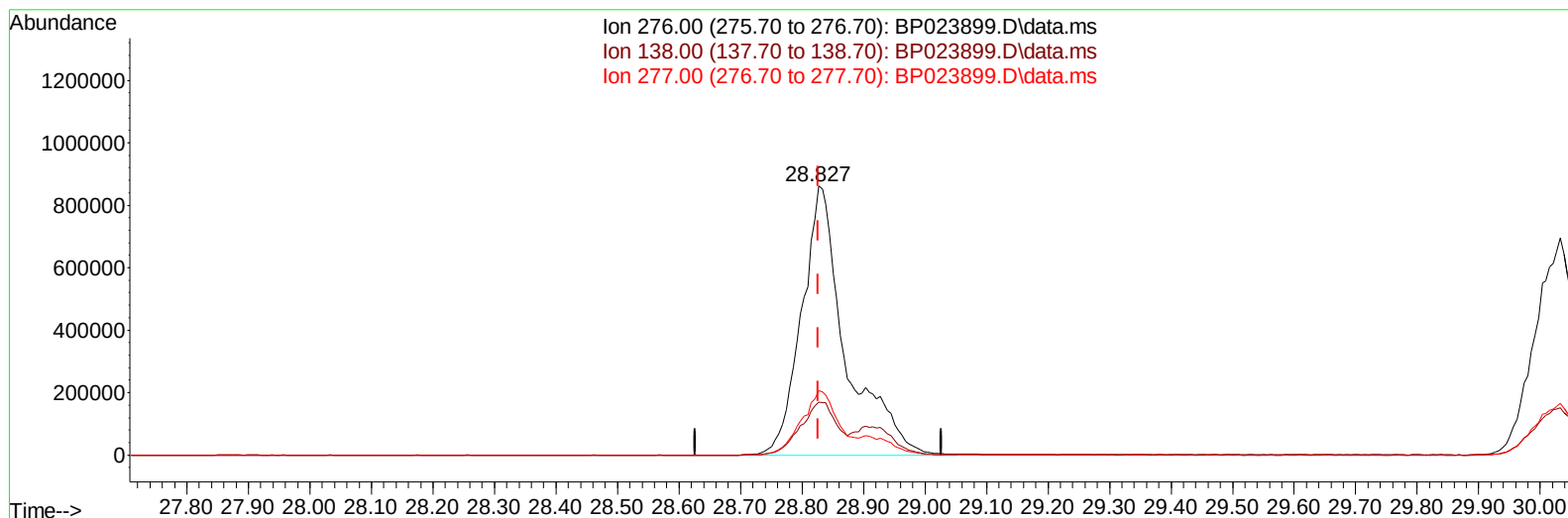
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP020325\  
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Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 02/06/2025



TIC: BP023899.D\data.ms

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

28.827min (-0.000) 21.35 ng/ul m

response 4299257

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 276.00 | 100.00 | 100.00 |
| 138.00 | 19.90  | 19.66  |
| 277.00 | 23.70  | 23.87  |
| 0.00   | 0.00   | 0.00   |

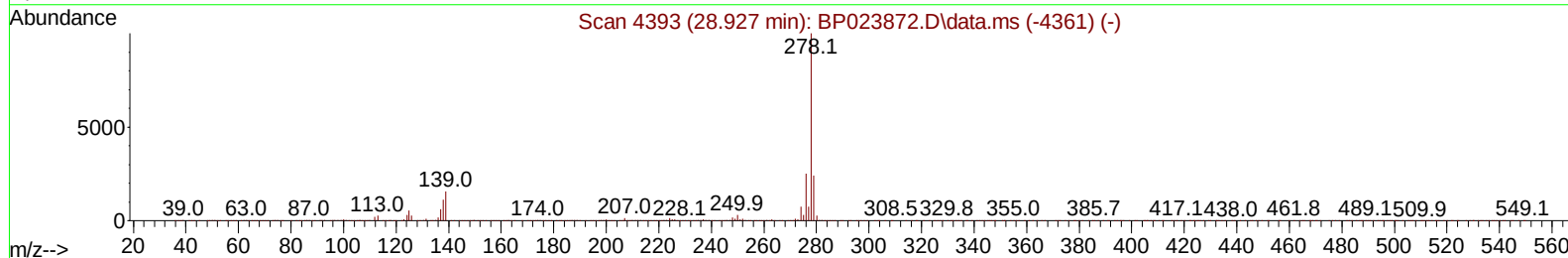
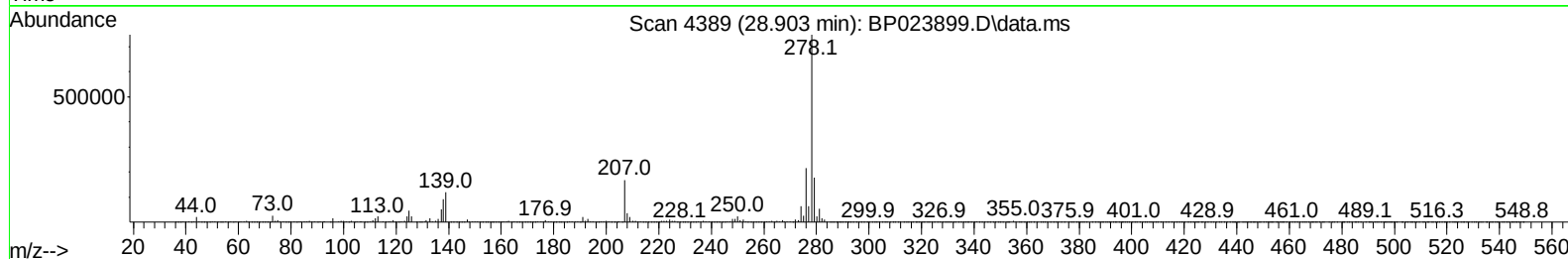
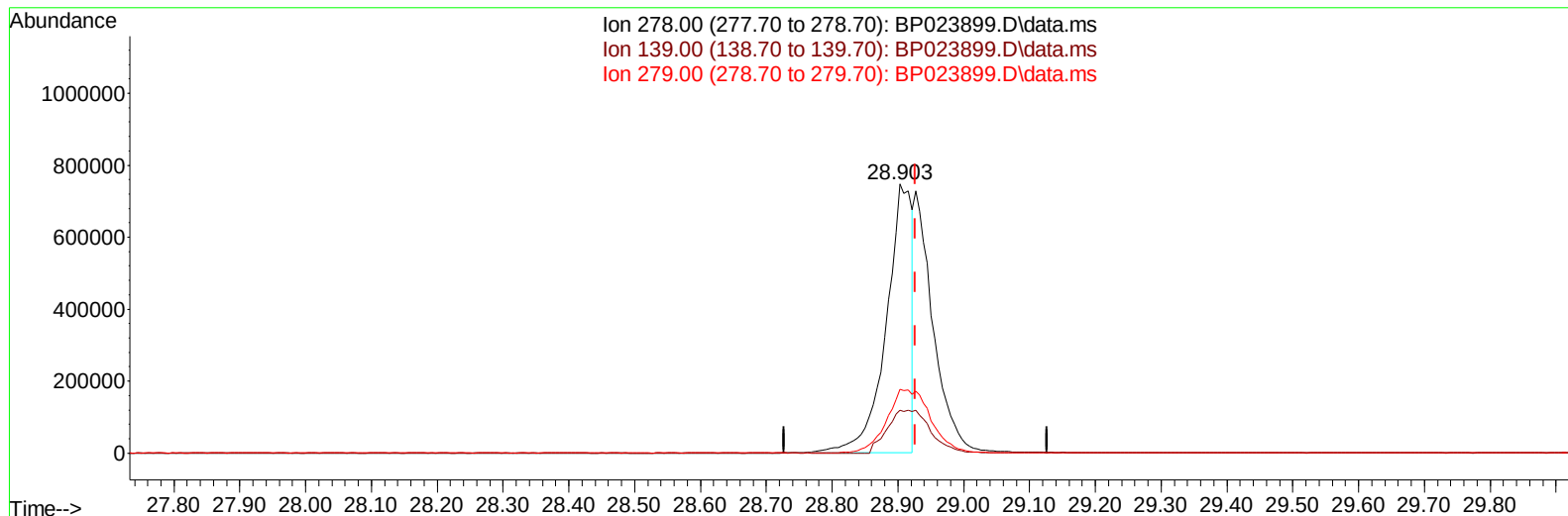
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Misc :  
ALS Vial : 29 Sample Multiplier: 1

Instrument :  
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LabSampleId :  
SSTDCCC020

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TIC: BP023899.D\data.ms

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

**28.903min (-0.024) 12.37 ng/u1**

**response 2020665**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 278.00 | 100.00 | 100.00 |
| 139.00 | 15.90  | 15.83  |
| 279.00 | 23.80  | 23.73  |
| 0.00   | 0.00   | 0.00   |

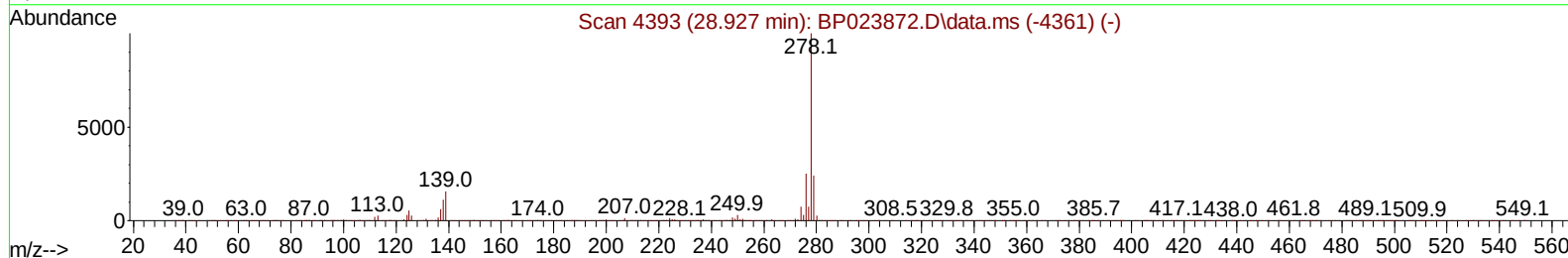
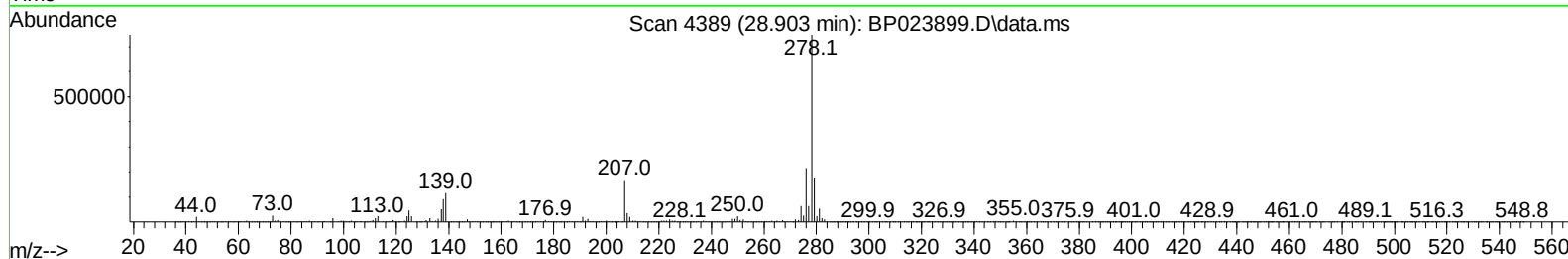
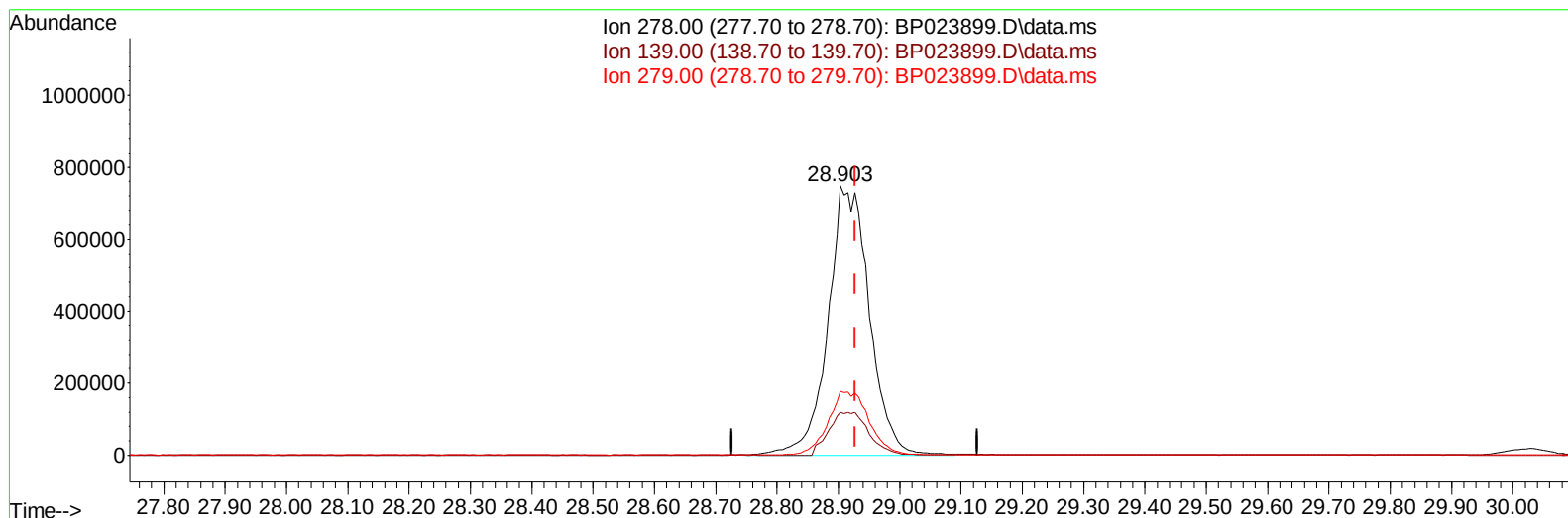
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Instrument :  
BNA\_P  
LabSampleId :  
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Manual IntegrationsAPPROVED

Quant Time: Feb 04 08:06:34 2025  
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Supervised By :mohammad ahmed 02/06/2025



TIC: BP023899.D\data.ms

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

**28.903min (-0.024) 21.43 ng/ul m**

**response 3499519**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 278.00 | 100.00 | 100.00 |
| 139.00 | 15.90  | 15.83  |
| 279.00 | 23.80  | 23.73  |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP020325\  
 Data File : BP023899.D  
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 Sample : SSTDCCC020  
 Misc :  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 LabSampleId :  
 SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: Feb 04 08:08:23 2025  
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 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Feb 03 11:19:36 2025  
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 02/04/2025  
 Supervised By :mohammad ahmed 02/06/2025

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.775  | 152  | 525396   | 20.000 | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 10.551 | 136  | 2223474  | 20.000 | ng/ul  | 0.00     |
| 38) Acenaphthene-d10          | 14.392 | 164  | 1399553  | 20.000 | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.192 | 188  | 2674943  | 20.000 | ng/ul  | 0.00     |
| 79) Chrysene-d12              | 21.627 | 240  | 2728000  | 20.000 | ng/ul  | -0.01    |
| 88) Perylene-d12              | 24.998 | 264  | 2740992  | 20.000 | ng/ul  | -0.01    |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.293  | 96   | 110374   | 8.728  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.705  | 84   | 831532   | 22.789 | ng/ul  | 0.00     |
| 7) Phenol-d5                  | 6.957  | 99   | 992540   | 21.347 | ng/ul  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.110  | 67   | 536066   | 21.782 | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.316  | 132  | 796743   | 21.821 | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.481  | 113  | 784071   | 20.643 | ng/ul  | 0.00     |
| 21) Nitrobenzene-d5           | 8.922  | 128  | 385796   | 21.687 | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.640  | 143  | 399402   | 20.808 | ng/ul  | 0.01     |
| 28) 2,4-Dichlorophenol-d3     | 10.181 | 165  | 760715   | 21.603 | ng/ul  | 0.01     |
| 31) 4-Chloroaniline-d4        | 10.687 | 131  | 1119587  | 21.260 | ng/ul  | 0.01     |
| 46) Dimethylphthalate-d6      | 13.798 | 166  | 2096254  | 20.080 | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 14.087 | 160  | 2556262  | 21.711 | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.610 | 143  | 414089   | 19.974 | ng/ul  | 0.00     |
| 60) Fluorene-d10              | 15.398 | 176  | 1856425  | 21.117 | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.522 | 200  | 304137   | 18.430 | ng/ul  | 0.01     |
| 73) Anthracene-d10            | 17.286 | 188  | 2904636  | 22.115 | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.657 | 212  | 3220821  | 22.035 | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 24.768 | 264  | 3078775  | 21.528 | ng/ul  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.328  | 88   | 118040   | 8.876  | ng/uL  | 99       |
| 5) Pyridine                   | 3.722  | 79   | 832385   | 22.786 | ng/ul  | 99       |
| 6) Benzaldehyde               | 6.928  | 77   | 610735   | 26.763 | ng/ul  | 100      |
| 8) Phenol                     | 6.987  | 94   | 1042174  | 21.829 | ng/ul  | 99       |
| 10) Bis(2-Chloroethyl)ether   | 7.205  | 93   | 780440   | 21.474 | ng/ul  | 99       |
| 12) 2-Chlorophenol            | 7.352  | 128  | 822901   | 21.876 | ng/ul  | 98       |
| 13) 2-Methylphenol            | 8.216  | 108  | 757155   | 21.077 | ng/ul  | 98       |
| 14) 2,2'-oxybis(1-Chloropr... | 8.287  | 45   | 813698   | 21.701 | ng/ul  | 100      |
| 16) Acetophenone              | 8.587  | 105  | 1244209  | 21.428 | ng/ul  | 99       |
| 17) N-Nitroso-di-n-propyla... | 8.575  | 70   | 573735   | 20.984 | ng/ul  | 98       |
| 18) 4-Methylphenol            | 8.546  | 108  | 851898   | 21.374 | ng/ul  | 99       |
| 19) Hexachloroethane          | 8.846  | 117  | 321855   | 21.639 | ng/ul  | 97       |
| 22) Nitrobenzene              | 8.963  | 77   | 872462   | 22.599 | ng/ul  | 98       |
| 23) Isophorone                | 9.487  | 82   | 1620219  | 20.786 | ng/ul  | 99       |
| 25) 2-Nitrophenol             | 9.669  | 139  | 449657   | 21.477 | ng/ul  | 98       |
| 26) 2,4-Dimethylphenol        | 9.734  | 107  | 844490   | 21.793 | ng/ul  | 98       |
| 27) Bis(2-Chloroethoxy)met... | 9.963  | 93   | 1013135  | 20.866 | ng/ul  | 100      |
| 29) 2,4-Dichlorophenol        | 10.204 | 162  | 767246   | 21.486 | ng/ul  | 99       |
| 30) Naphthalene               | 10.604 | 128  | 2614475  | 21.967 | ng/ul  | 100      |
| 32) 4-Chloroaniline           | 10.710 | 127  | 1073203  | 21.594 | ng/ul  | 100      |
| 33) Hexachlorobutadiene       | 10.893 | 225  | 453537   | 20.979 | ng/ul  | 99       |
| 34) Caprolactam               | 11.487 | 113  | 257198   | 18.591 | ng/ul  | 97       |
| 35) 4-Chloro-3-methylphenol   | 11.840 | 107  | 795488   | 20.723 | ng/ul  | 99       |

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 Operator : RC/JU  
 Sample : SSTDCCC020  
 Misc :  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 LabSampleId :  
 SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: Feb 04 08:08:23 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP012925.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Feb 03 11:19:36 2025  
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 02/04/2025  
 Supervised By :mohammad ahmed 02/06/2025

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 36) 2-Methylnaphthalene       | 12.210 | 142  | 1773769  | 21.196 | ng/ul | 100      |
| 37) 1-Methylnaphthalene       | 12.428 | 142  | 1754069  | 21.129 | ng/ul | 99       |
| 39) 1,2,4,5-Tetrachloroben... | 12.575 | 216  | 913822   | 22.086 | ng/ul | 99       |
| 40) Hexachlorocyclopentadiene | 12.563 | 237  | 381959   | 16.383 | ng/ul | 100      |
| 41) 2,4,6-Trichlorophenol     | 12.822 | 196  | 582941   | 21.093 | ng/ul | 98       |
| 42) 2,4,5-Trichlorophenol     | 12.898 | 196  | 642355   | 21.564 | ng/ul | 99       |
| 43) 1,1'-Biphenyl             | 13.222 | 154  | 2289049  | 22.034 | ng/ul | 100      |
| 44) 2-Chloronaphthalene       | 13.263 | 162  | 1789977  | 22.113 | ng/ul | 100      |
| 45) 2-Nitroaniline            | 13.463 | 65   | 462491   | 21.953 | ng/ul | 96       |
| 47) Dimethylphthalate         | 13.845 | 163  | 2098842  | 20.207 | ng/ul | 100      |
| 48) 2,6-Dinitrotoluene        | 13.963 | 165  | 416478   | 20.517 | ng/ul | 96       |
| 50) Acenaphthylene            | 14.110 | 152  | 2779798  | 22.170 | ng/ul | 100      |
| 51) 3-Nitroaniline            | 14.298 | 138  | 482588   | 21.633 | ng/ul | 100      |
| 52) Acenaphthene              | 14.457 | 153  | 1956562  | 22.009 | ng/ul | 100      |
| 53) 2,4-Dinitrophenol         | 14.504 | 184  | 260151   | 21.497 | ng/ul | 98       |
| 55) 4-Nitrophenol             | 14.622 | 109  | 317846   | 21.671 | ng/ul | 96       |
| 56) Dibenzofuran              | 14.798 | 168  | 2654907  | 21.552 | ng/ul | 99       |
| 57) 2,4-Dinitrotoluene        | 14.757 | 165  | 625808   | 20.727 | ng/ul | 94       |
| 58) 2,3,4,6-Tetrachlorophenol | 15.028 | 232  | 516127   | 20.361 | ng/ul | 94       |
| 59) Diethylphthalate          | 15.233 | 149  | 2089808  | 20.082 | ng/ul | 98       |
| 61) Fluorene                  | 15.457 | 166  | 2230256  | 21.824 | ng/ul | 99       |
| 62) 4-Chlorophenyl-phenyle... | 15.451 | 204  | 1067533  | 21.103 | ng/ul | 98       |
| 63) 4-Nitroaniline            | 15.469 | 138  | 521631   | 24.034 | ng/ul | 97       |
| 66) 4,6-Dinitro-2-methylph... | 15.533 | 198  | 343228   | 18.918 | ng/ul | 98       |
| 67) N-Nitrosodiphenylamine    | 15.669 | 169  | 1808142  | 22.148 | ng/ul | 100      |
| 68) 4-Bromophenyl-phenylether | 16.357 | 248  | 637236   | 21.115 | ng/ul | 98       |
| 69) Hexachlorobenzene         | 16.480 | 284  | 761068   | 20.813 | ng/ul | 97       |
| 70) Atrazine                  | 16.645 | 200  | 639125   | 20.217 | ng/ul | 99       |
| 71) Pentachlorophenol         | 16.833 | 266  | 426187   | 18.949 | ng/ul | 100      |
| 72) Phenanthrene              | 17.233 | 178  | 3346303  | 22.152 | ng/ul | 99       |
| 74) Anthracene                | 17.322 | 178  | 3427004  | 22.496 | ng/ul | 100      |
| 75) 1,2,3,4-Tetrachloroben... | 13.187 | 216  | 879758   | 22.460 | ng/uL | 99       |
| 76) Pentachlorobenzene        | 14.716 | 250  | 930883   | 22.053 | ng/uL | 99       |
| 77) Carbazole                 | 17.598 | 167  | 3079766  | 23.076 | ng/ul | 100      |
| 78) Di-n-butylphthalate       | 18.198 | 149  | 3400678  | 20.587 | ng/ul | 100      |
| 80) Fluoranthene              | 19.310 | 202  | 3714867  | 22.064 | ng/ul | 100      |
| 82) Pyrene                    | 19.686 | 202  | 4024271  | 22.856 | ng/ul | 99       |
| 83) Butylbenzylphthalate      | 20.639 | 149  | 1509641  | 19.910 | ng/ul | 96       |
| 84) 3,3'-Dichlorobenzidine    | 21.533 | 252  | 1186537  | 20.103 | ng/ul | 100      |
| 85) Benzo(a)anthracene        | 21.610 | 228  | 3915554  | 21.827 | ng/ul | 99       |
| 86) Bis(2-ethylhexyl)phtha... | 21.557 | 149  | 2239393  | 20.242 | ng/ul | 99       |
| 87) Chrysene                  | 21.680 | 228  | 3624579  | 21.928 | ng/ul | 100      |
| 89) Di-n-octyl phthalate      | 22.845 | 149  | 3421079  | 20.821 | ng/ul | 100      |
| 90) Benzo(b)fluoranthene      | 23.933 | 252  | 3602009  | 21.657 | ng/ul | 99       |
| 91) Benzo(k)fluoranthene      | 24.010 | 252  | 3760452  | 22.554 | ng/ul | 99       |
| 93) Benzo(a)pyrene            | 24.839 | 252  | 3427832  | 22.070 | ng/ul | 99       |
| 94) Indeno(1,2,3-cd)pyrene    | 28.827 | 276  | 4299257m | 21.355 | ng/ul |          |
| 95) Dibenzo(a,h)anthracene    | 28.903 | 278  | 3499519m | 21.428 | ng/ul |          |
| 96) Benzo(g,h,i)perylene      | 30.033 | 276  | 3306974  | 21.445 | ng/ul | 100      |

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

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BNA\_P  
**LabSampleId :**  
SSTDCCC020

**Manual IntegrationsAPPROVED**

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