

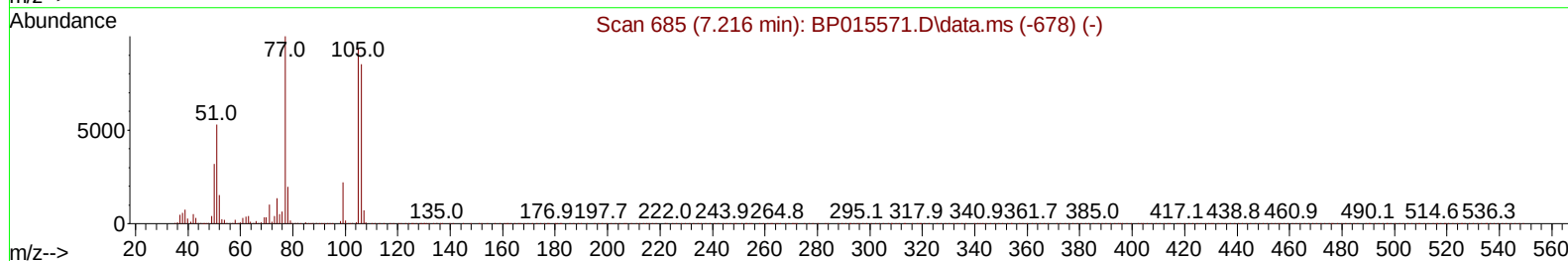
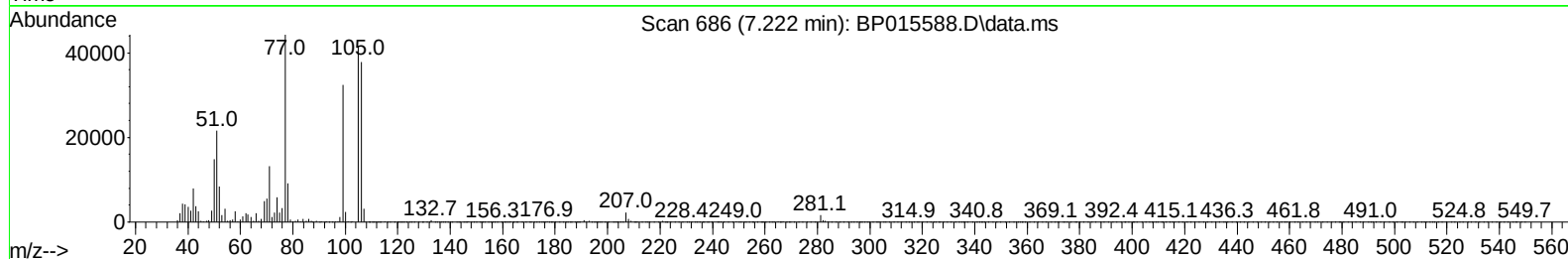
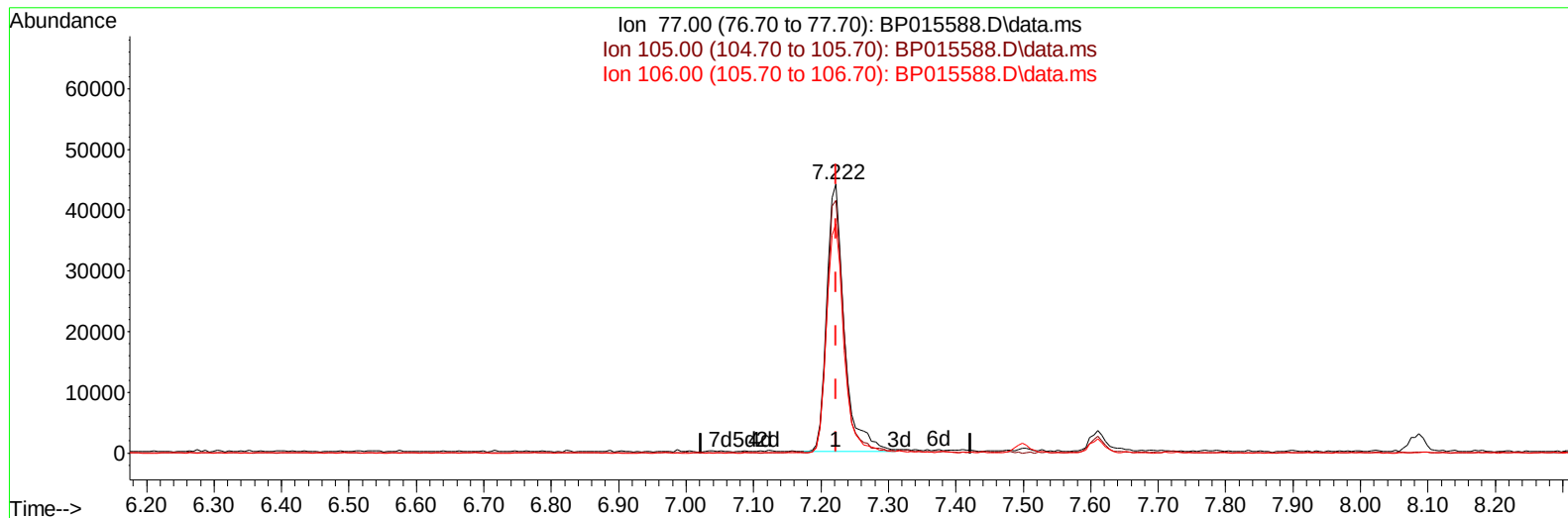
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP061623\  
 Data File : BP015588.D  
 Acq On : 16 Jun 2023 19:45  
 Operator : MA/JU  
 Sample : SSTDCCC020EC  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 LabSampleId :  
 SSTDCCC020EC

Manual IntegrationsAPPROVED

Quant Time: Jun 19 00:55:04 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP060723.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Jun 15 05:36:46 2023  
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/19/2023  
 Supervised By :mohammad ahmed 06/20/2023



TIC: BP015588.D\data.ms

**(6) Benzaldehyde**

7.222min (-0.000) 17.80 ng/u1

response 79877

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 77.00  | 100.00 | 100.00 |
| 105.00 | 96.60  | 93.98  |
| 106.00 | 91.60  | 85.29  |
| 0.00   | 0.00   | 0.00   |

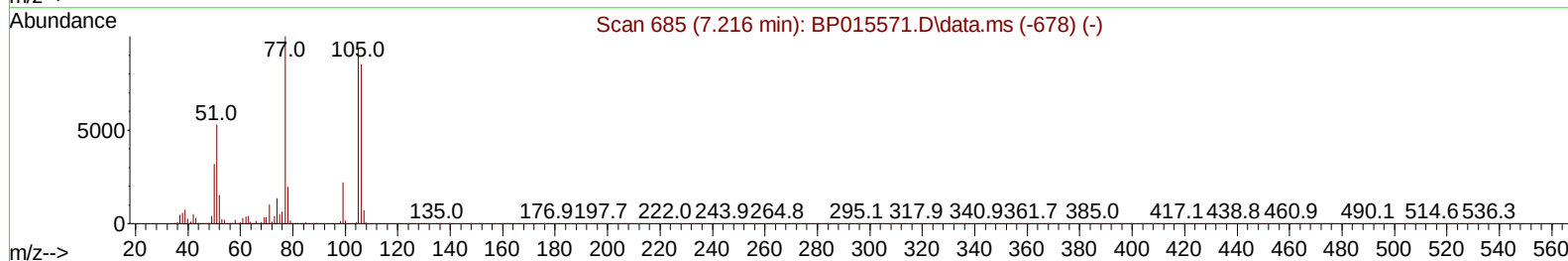
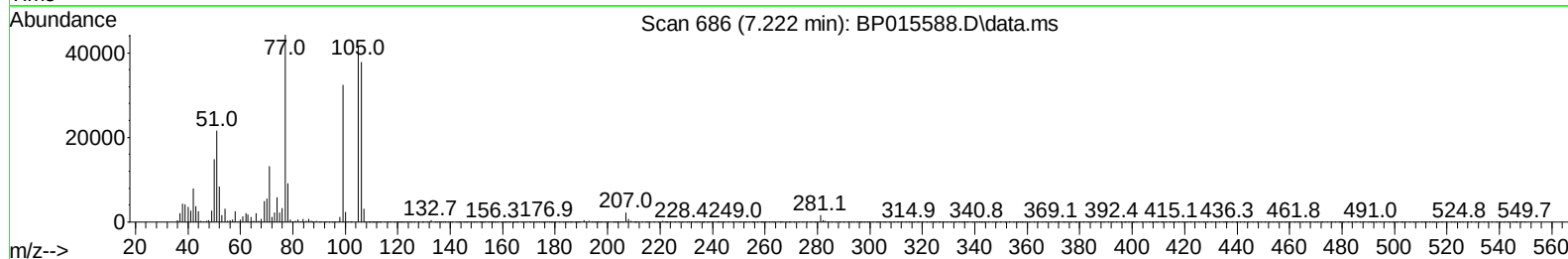
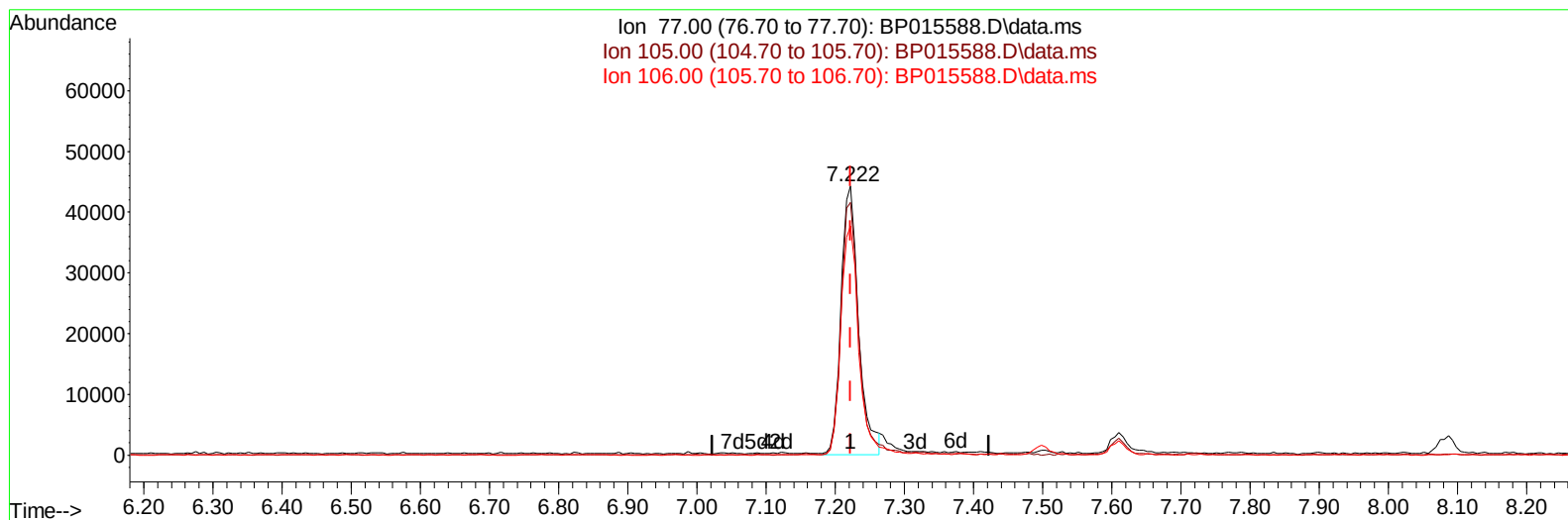
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP061623\  
 Data File : BP015588.D  
 Acq On : 16 Jun 2023 19:45  
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 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
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 LabSampleId :  
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Manual IntegrationsAPPROVED

Quant Time: Jun 19 00:55:04 2023  
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 QLast Update : Thu Jun 15 05:36:46 2023  
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TIC: BP015588.D\data.ms

**(6) Benzaldehyde**

7.222min (-0.000) 17.26 ng/ul m

response 77441

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 77.00  | 100.00 | 100.00 |
| 105.00 | 96.60  | 93.98  |
| 106.00 | 91.60  | 85.29  |
| 0.00   | 0.00   | 0.00   |

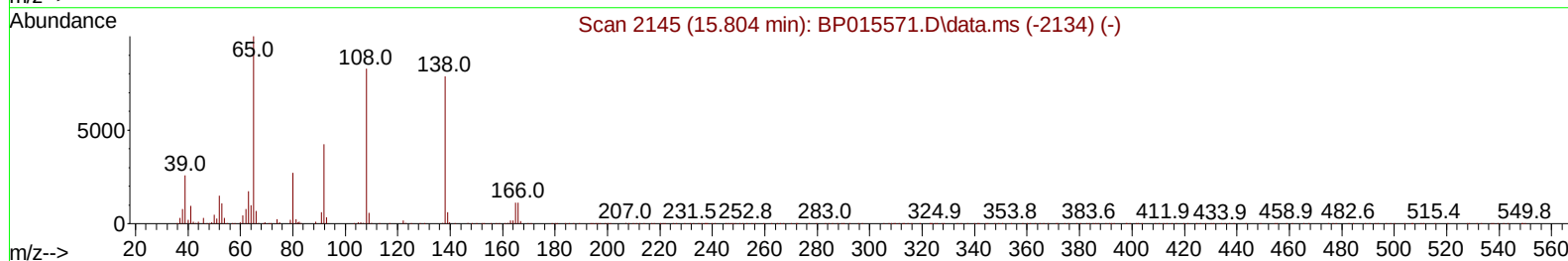
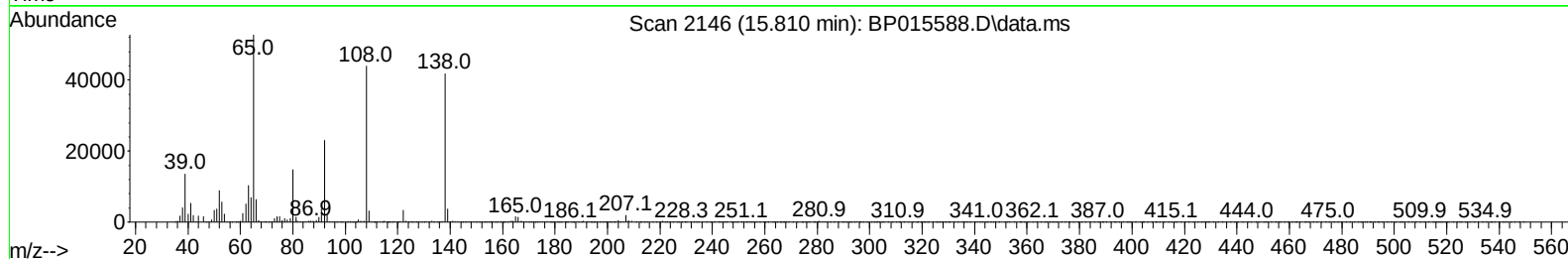
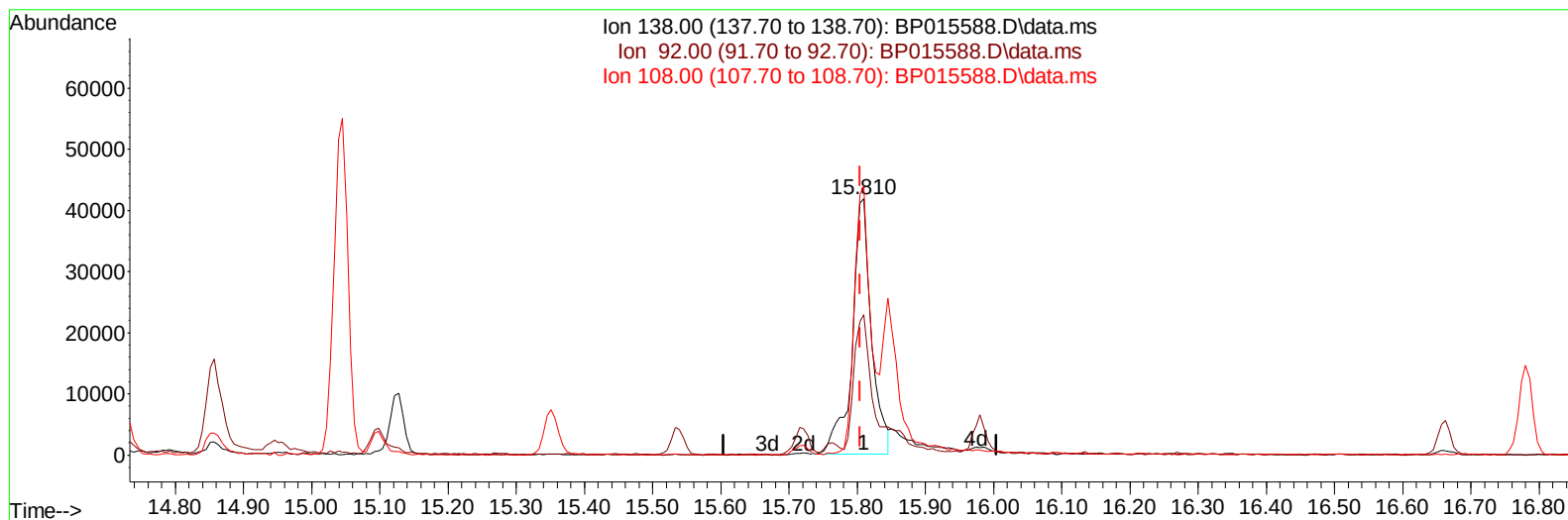
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP061623\  
 Data File : BP015588.D  
 Acq On : 16 Jun 2023 19:45  
 Operator : MA/JU  
 Sample : SSTDCCC020EC  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 LabSampleId :  
 SSTDCCC020EC

Manual IntegrationsAPPROVED

Quant Time: Jun 19 00:56:17 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP060723.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Jun 15 05:36:46 2023  
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/19/2023  
 Supervised By :mohammad ahmed 06/20/2023



TIC: BP015588.D\data.ms

**(63) 4-Nitroaniline**

**15.810min (+ 0.006) 15.08 ng/ul**

**response 82140**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 138.00 | 100.00 | 100.00 |
| 92.00  | 55.80  | 54.87  |
| 108.00 | 98.00  | 104.90 |
| 0.00   | 0.00   | 0.00   |

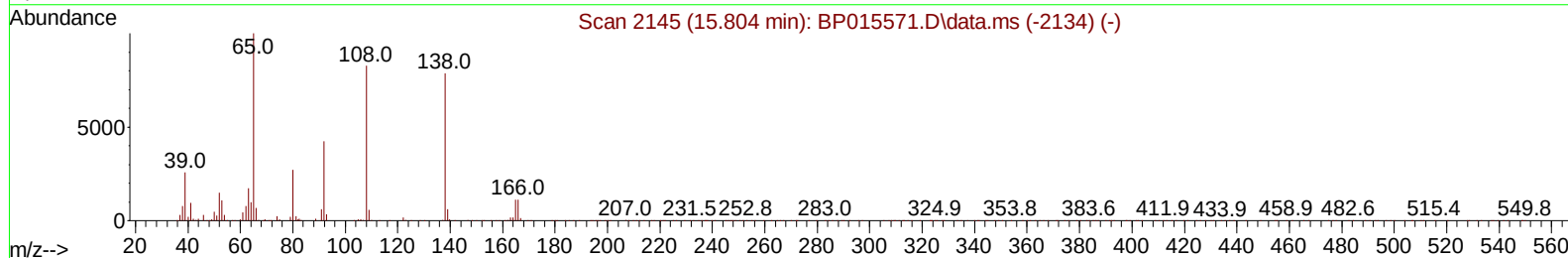
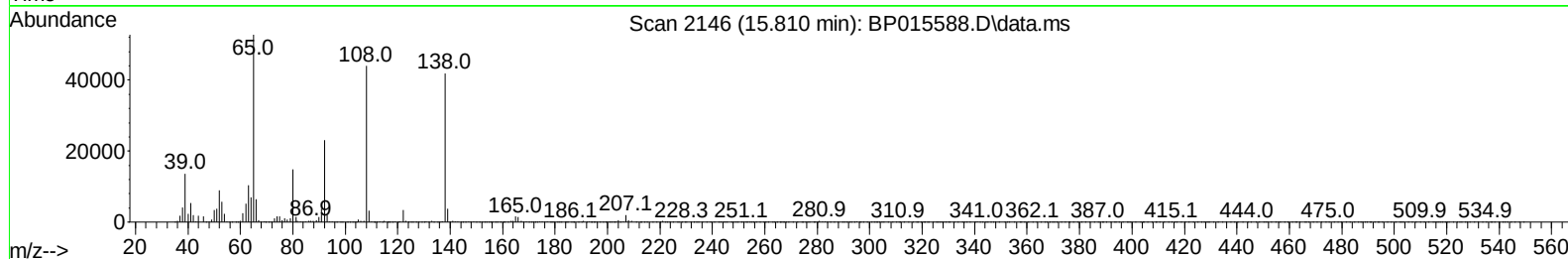
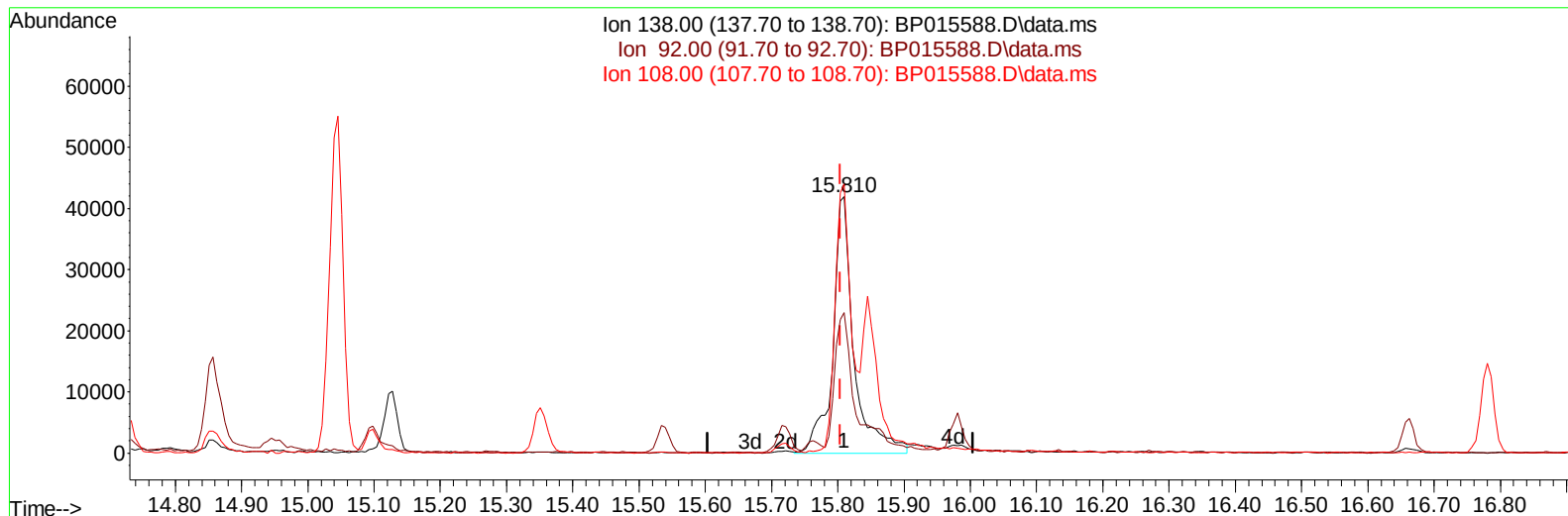
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 Data File : BP015588.D  
 Acq On : 16 Jun 2023 19:45  
 Operator : MA/JU  
 Sample : SSTDCCC020EC  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 LabSampleId :  
 SSTDCCC020EC

Manual IntegrationsAPPROVED

Quant Time: Jun 19 00:56:17 2023  
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 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Jun 15 05:36:46 2023  
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Reviewed By :Yogesh Patel 06/19/2023  
 Supervised By :mohammad ahmed 06/20/2023



TIC: BP015588.D\data.ms

**(63) 4-Nitroaniline**

**15.810min (+ 0.006) 16.90 ng/ul m**

**response 92019**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 138.00 | 100.00 | 100.00 |
| 92.00  | 55.80  | 54.87  |
| 108.00 | 98.00  | 104.90 |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP061623\  
 Data File : BP015588.D  
 Acq On : 16 Jun 2023 19:45  
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 Sample : SSTDCCC020EC  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 LabSampleId :  
 SSTDCCC020EC

Manual IntegrationsAPPROVED

Quant Time: Jun 19 00:57:11 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP060723.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Jun 15 05:36:46 2023  
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/19/2023  
 Supervised By :mohammad ahmed 06/20/2023

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.081  | 152  | 127450   | 20.000 | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 10.910 | 136  | 596191   | 20.000 | ng/ul  | 0.00     |
| 38) Acenaphthene-d10          | 14.728 | 164  | 416978   | 20.000 | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.480 | 188  | 983540   | 20.000 | ng/ul  | 0.00     |
| 79) Chrysene-d12              | 21.563 | 240  | 984824   | 20.000 | ng/ul  | 0.00     |
| 88) Perylene-d12              | 24.109 | 264  | 1103843  | 20.000 | ng/ul  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.405  | 96   | 27682    | 8.043  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.846  | 84   | 180042   | 20.139 | ng/ul  | 0.00     |
| 7) Phenol-d5                  | 7.240  | 99   | 230583   | 19.638 | ng/ul  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.404  | 67   | 146154   | 20.843 | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.610  | 132  | 172302   | 20.240 | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.798  | 113  | 194091   | 20.141 | ng/ul  | 0.00     |
| 21) Nitrobenzene-d5           | 9.263  | 128  | 93211    | 19.914 | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.987  | 143  | 108021   | 20.209 | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.528 | 165  | 199132   | 20.422 | ng/ul  | 0.00     |
| 31) 4-Chloroaniline-d4        | 11.051 | 131  | 289316   | 20.671 | ng/ul  | 0.00     |
| 46) Dimethylphthalate-d6      | 14.133 | 166  | 688298   | 20.933 | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 14.422 | 160  | 736533   | 20.485 | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.933 | 143  | 100265   | 17.028 | ng/ul  | 0.00     |
| 60) Fluorene-d10              | 15.722 | 176  | 576231   | 20.782 | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.845 | 200  | 121086   | 19.433 | ng/ul  | 0.00     |
| 73) Anthracene-d10            | 17.580 | 188  | 927364   | 20.723 | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.804 | 212  | 1127121  | 21.384 | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.939 | 264  | 1126878  | 20.346 | ng/ul  | -0.01    |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.440  | 88   | 29894    | 8.223  | ng/uL  | 96       |
| 5) Pyridine                   | 3.863  | 79   | 193298   | 20.856 | ng/ul  | 94       |
| 6) Benzaldehyde               | 7.222  | 77   | 77441m   | 17.255 | ng/ul  |          |
| 8) Phenol                     | 7.263  | 94   | 238819   | 19.715 | ng/ul  | 95       |
| 10) Bis(2-Chloroethyl)ether   | 7.499  | 93   | 194029   | 20.259 | ng/ul  | 99       |
| 12) 2-Chlorophenol            | 7.640  | 128  | 182741   | 20.317 | ng/ul  | 98       |
| 13) 2-Methylphenol            | 8.534  | 108  | 186746   | 20.037 | ng/ul  | 100      |
| 14) 2,2'-oxybis(1-Chloropr... | 8.610  | 45   | 269986   | 21.273 | ng/ul  | 99       |
| 16) Acetophenone              | 8.916  | 105  | 331876   | 21.580 | ng/ul  | 98       |
| 17) N-Nitroso-di-n-propyla... | 8.898  | 70   | 180433   | 21.738 | ng/ul  | 98       |
| 18) 4-Methylphenol            | 8.863  | 108  | 209899   | 20.469 | ng/ul  | 98       |
| 19) Hexachloroethane          | 9.169  | 117  | 76835    | 20.216 | ng/ul  | 96       |
| 22) Nitrobenzene              | 9.304  | 77   | 262876   | 21.177 | ng/ul  | 97       |
| 23) Isophorone                | 9.828  | 82   | 514657   | 20.712 | ng/ul  | 97       |
| 25) 2-Nitrophenol             | 10.022 | 139  | 118332   | 20.504 | ng/ul  | 99       |
| 26) 2,4-Dimethylphenol        | 10.075 | 107  | 251512   | 20.550 | ng/ul  | 97       |
| 27) Bis(2-Chloroethoxy)met... | 10.310 | 93   | 295850   | 20.479 | ng/ul  | 99       |
| 29) 2,4-Dichlorophenol        | 10.557 | 162  | 200127   | 20.643 | ng/ul  | 98       |
| 30) Naphthalene               | 10.957 | 128  | 656722   | 20.328 | ng/ul  | 99       |
| 32) 4-Chloroaniline           | 11.075 | 127  | 305027   | 21.063 | ng/ul  | 98       |
| 33) Hexachlorobutadiene       | 11.234 | 225  | 133048   | 20.349 | ng/ul  | 99       |
| 34) Caprolactam               | 11.857 | 113  | 70860    | 19.416 | ng/ul  | 85       |
| 35) 4-Chloro-3-methylphenol   | 12.192 | 107  | 250243   | 21.304 | ng/ul  | 99       |

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 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 LabSampleId :  
 SSTDCCC020EC

Manual IntegrationsAPPROVED

Quant Time: Jun 19 00:57:11 2023  
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 Quant Title : SVOA CALIBRATION  
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 Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/19/2023  
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| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 36) 2-Methylnaphthalene       | 12.563 | 142  | 469795   | 20.685 | ng/ul | 100      |
| 37) 1-Methylnaphthalene       | 12.781 | 142  | 473177   | 20.692 | ng/ul | 97       |
| 39) 1,2,4,5-Tetrachloroben... | 12.928 | 216  | 268760   | 20.699 | ng/ul | 98       |
| 40) Hexachlorocyclopentadiene | 12.898 | 237  | 106621   | 20.033 | ng/ul | 99       |
| 41) 2,4,6-Trichlorophenol     | 13.169 | 196  | 180666   | 20.906 | ng/ul | 99       |
| 42) 2,4,5-Trichlorophenol     | 13.245 | 196  | 199329   | 21.166 | ng/ul | 99       |
| 43) 1,1'-Biphenyl             | 13.563 | 154  | 658877   | 20.433 | ng/ul | 99       |
| 44) 2-Chloronaphthalene       | 13.610 | 162  | 516238   | 20.405 | ng/ul | 98       |
| 45) 2-Nitroaniline            | 13.816 | 65   | 172112   | 21.256 | ng/ul | 96       |
| 47) Dimethylphthalate         | 14.181 | 163  | 711748   | 20.965 | ng/ul | 99       |
| 48) 2,6-Dinitrotoluene        | 14.310 | 165  | 146028   | 20.995 | ng/ul | 99       |
| 50) Acenaphthylene            | 14.451 | 152  | 821114   | 20.623 | ng/ul | 99       |
| 51) 3-Nitroaniline            | 14.645 | 138  | 101022   | 17.594 | ng/ul | 97       |
| 52) Acenaphthene              | 14.792 | 153  | 566791   | 20.594 | ng/ul | 100      |
| 53) 2,4-Dinitrophenol         | 14.857 | 184  | 92869    | 22.196 | ng/ul | 97       |
| 55) 4-Nitrophenol             | 14.951 | 109  | 101228   | 17.823 | ng/ul | 96       |
| 56) Dibenzofuran              | 15.128 | 168  | 811025   | 20.791 | ng/ul | 100      |
| 57) 2,4-Dinitrotoluene        | 15.098 | 165  | 215235   | 21.039 | ng/ul | 97       |
| 58) 2,3,4,6-Tetrachlorophenol | 15.351 | 232  | 179497   | 21.110 | ng/ul | 98       |
| 59) Diethylphthalate          | 15.539 | 149  | 737911   | 21.208 | ng/ul | 99       |
| 61) Fluorene                  | 15.775 | 166  | 667184   | 20.981 | ng/ul | 100      |
| 62) 4-Chlorophenyl-phenyle... | 15.763 | 204  | 336877   | 21.020 | ng/ul | 99       |
| 63) 4-Nitroaniline            | 15.810 | 138  | 92019m   | 16.896 | ng/ul |          |
| 66) 4,6-Dinitro-2-methylph... | 15.863 | 198  | 125546   | 19.756 | ng/ul | 95       |
| 67) N-Nitrosodiphenylamine    | 15.980 | 169  | 571961   | 20.498 | ng/ul | 100      |
| 68) 4-Bromophenyl-phenylether | 16.663 | 248  | 218736   | 20.788 | ng/ul | 96       |
| 69) Hexachlorobenzene         | 16.780 | 284  | 259204   | 20.883 | ng/ul | 93       |
| 70) Atrazine                  | 16.933 | 200  | 233036   | 20.914 | ng/ul | 98       |
| 71) Pentachlorophenol         | 17.133 | 266  | 144854   | 20.648 | ng/ul | 99       |
| 72) Phenanthrene              | 17.527 | 178  | 1093312  | 20.714 | ng/ul | 100      |
| 74) Anthracene                | 17.616 | 178  | 1106085  | 20.654 | ng/ul | 99       |
| 75) 1,2,3,4-Tetrachloroben... | 13.528 | 216  | 276432   | 20.364 | ng/uL | 98       |
| 76) Pentachlorobenzene        | 15.045 | 250  | 296564   | 20.867 | ng/uL | 99       |
| 77) Carbazole                 | 17.886 | 167  | 998047   | 20.698 | ng/ul | 100      |
| 78) Di-n-butylphthalate       | 18.416 | 149  | 1296824  | 21.197 | ng/ul | 100      |
| 80) Fluoranthene              | 19.480 | 202  | 1360575  | 21.191 | ng/ul | 99       |
| 82) Pyrene                    | 19.833 | 202  | 1411708  | 21.253 | ng/ul | 99       |
| 83) Butylbenzylphthalate      | 20.686 | 149  | 637486   | 21.713 | ng/ul | 99       |
| 84) 3,3'-Dichlorobenzidine    | 21.474 | 252  | 421860   | 18.132 | ng/ul | 99       |
| 85) Benzo(a)anthracene        | 21.551 | 228  | 1428934  | 20.755 | ng/ul | 100      |
| 86) Bis(2-ethylhexyl)phtha... | 21.445 | 149  | 941875   | 21.705 | ng/ul | 99       |
| 87) Chrysene                  | 21.604 | 228  | 1340839  | 20.604 | ng/ul | 99       |
| 89) Di-n-octyl phthalate      | 22.410 | 149  | 1643073  | 22.648 | ng/ul | 100      |
| 90) Benzo(b)fluoranthene      | 23.327 | 252  | 1481333  | 20.790 | ng/ul | 99       |
| 91) Benzo(k)fluoranthene      | 23.374 | 252  | 1408107  | 20.444 | ng/ul | 99       |
| 93) Benzo(a)pyrene            | 23.998 | 252  | 1260387  | 20.289 | ng/ul | 98       |
| 94) Indeno(1,2,3-cd)pyrene    | 26.803 | 276  | 1585681  | 19.723 | ng/ul | 99       |
| 95) Dibenzo(a,h)anthracene    | 26.815 | 278  | 1303349  | 19.899 | ng/ul | 99       |
| 96) Benzo(g,h,i)perylene      | 27.633 | 276  | 1305089  | 19.698 | ng/ul | 99       |

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

**Instrument :**  
BNA\_P  
**LabSampleId :**  
SSTDCCC020EC

**Manual IntegrationsAPPROVED**

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