

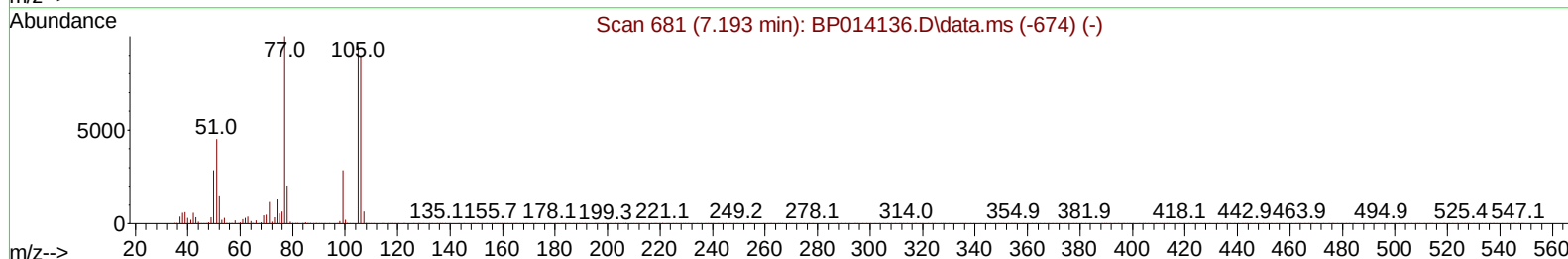
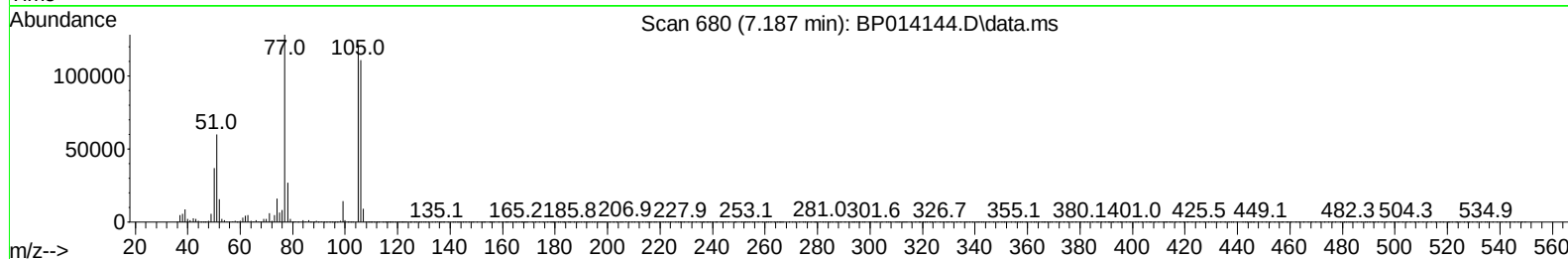
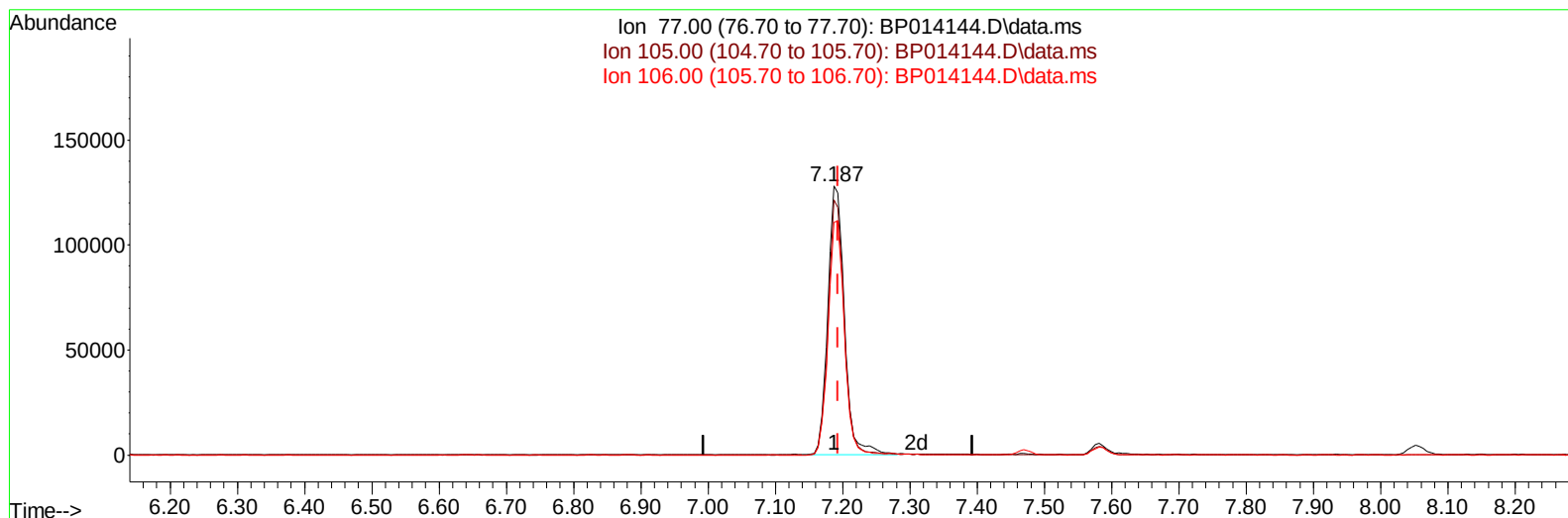
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP032023\  
 Data File : BP014144.D  
 Acq On : 20 Mar 2023 17:18  
 Operator : CG/JU  
 Sample : SSTDCCC020  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 LabSampleId :  
 SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: Mar 21 00:47:32 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP030723.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Mar 20 13:12:59 2023  
 Response via : Initial Calibration

Reviewed By :Christian Giraldo 03/21/2023  
 Supervised By :Jagrut Upadhyay 03/21/2023



TIC: BP014144.D\data.ms

**(6) Benzaldehyde**

7.187min (-0.006) 25.52 ng/ul

response 218960

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 77.00  | 100.00 | 100.00 |
| 105.00 | 92.70  | 94.79  |
| 106.00 | 87.30  | 86.54  |
| 0.00   | 0.00   | 0.00   |

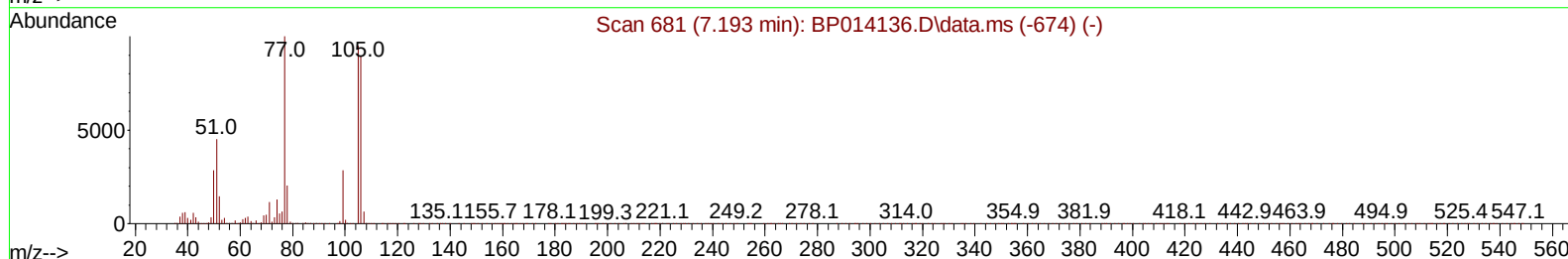
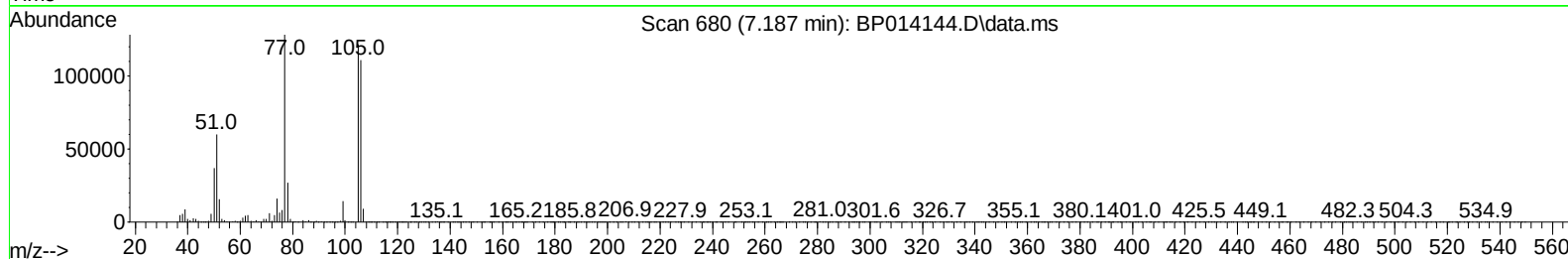
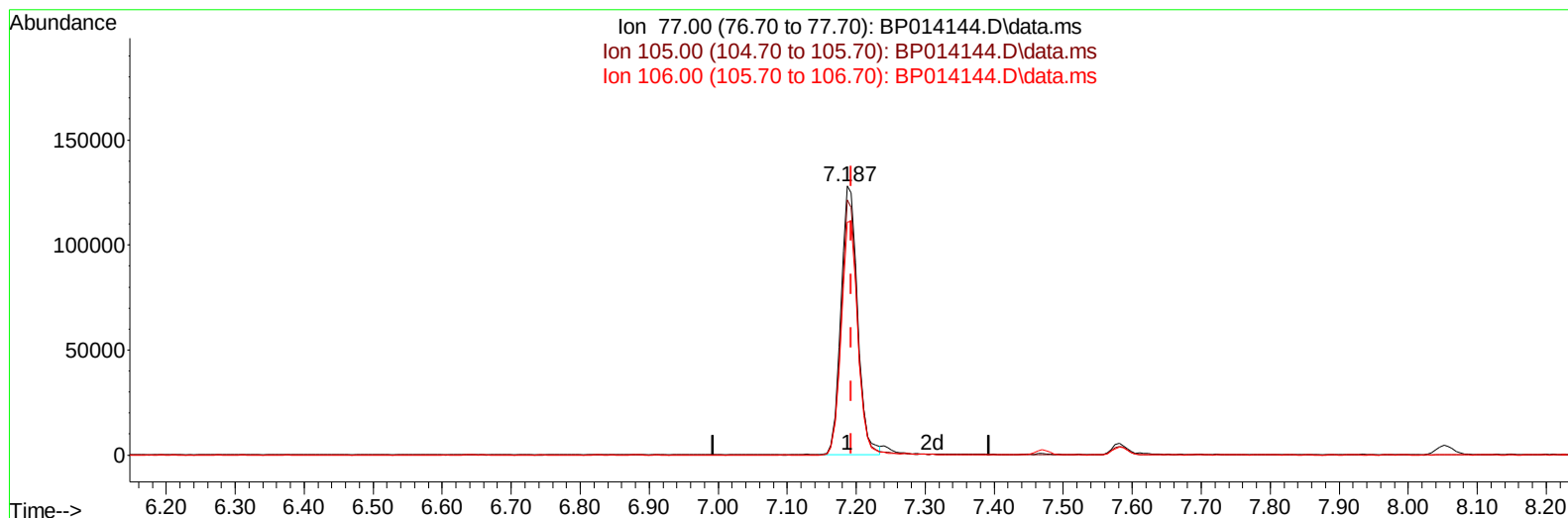
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP032023\  
 Data File : BP014144.D  
 Acq On : 20 Mar 2023 17:18  
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Instrument :  
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Manual IntegrationsAPPROVED

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 Supervised By :Jagrut Upadhyay 03/21/2023



TIC: BP014144.D\data.ms

# (6) Benzaldehyde

7.187min (-0.006) 25.06 ng/ul m

response 215025

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 77.00  | 100.00 | 100.00 |
| 105.00 | 92.70  | 94.79  |
| 106.00 | 87.30  | 86.54  |
| 0.00   | 0.00   | 0.00   |

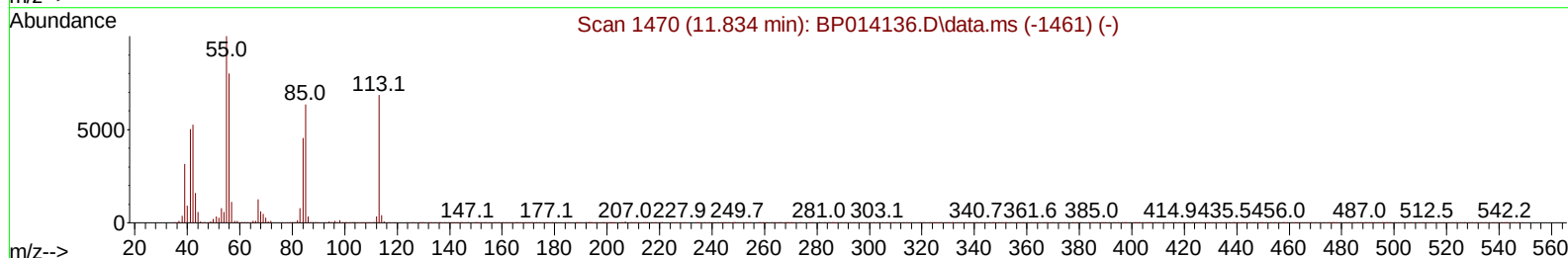
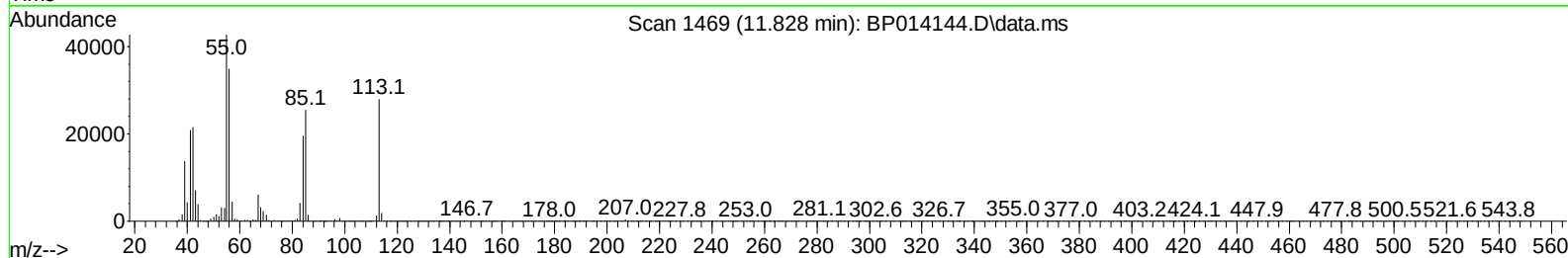
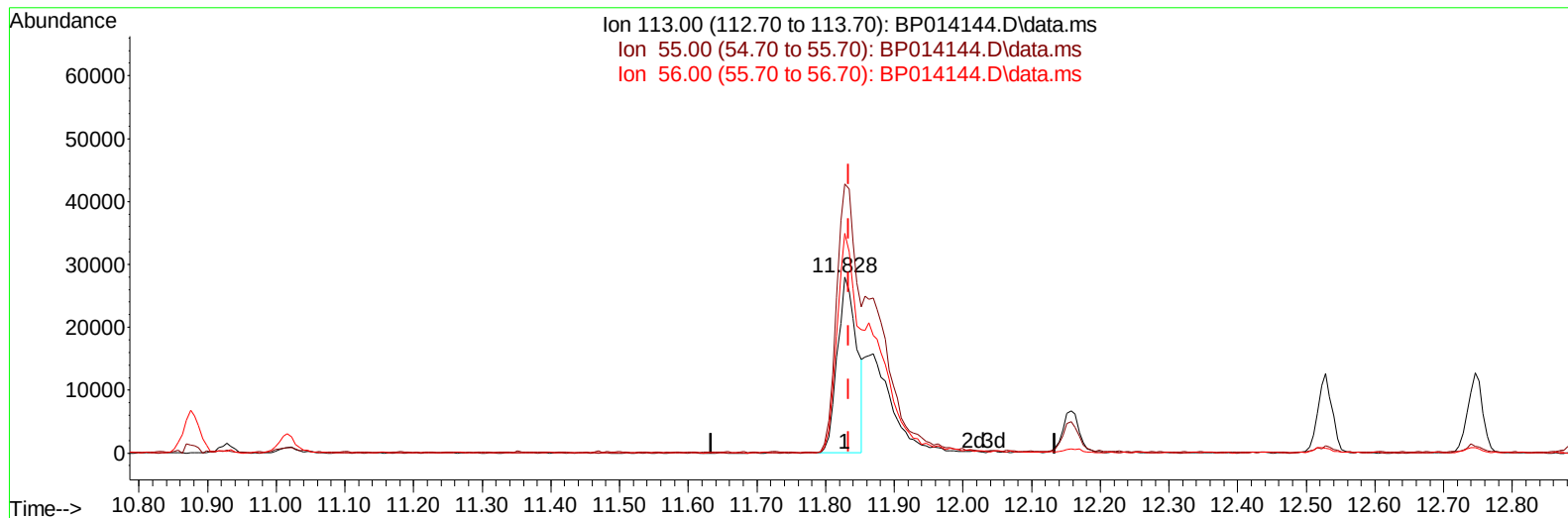
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP032023\  
 Data File : BP014144.D  
 Acq On : 20 Mar 2023 17:18  
 Operator : CG/JU  
 Sample : SSTDCCC020  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 LabSampleId :  
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Manual IntegrationsAPPROVED

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TIC: BP014144.D\data.ms

**(34) Caprolactam**

**11.828min (-0.006) 10.92 ng/ul**

**response 54105**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 113.00 | 100.00 | 100.00 |
| 55.00  | 155.00 | 152.80 |
| 56.00  | 127.50 | 124.79 |
| 0.00   | 0.00   | 0.00   |

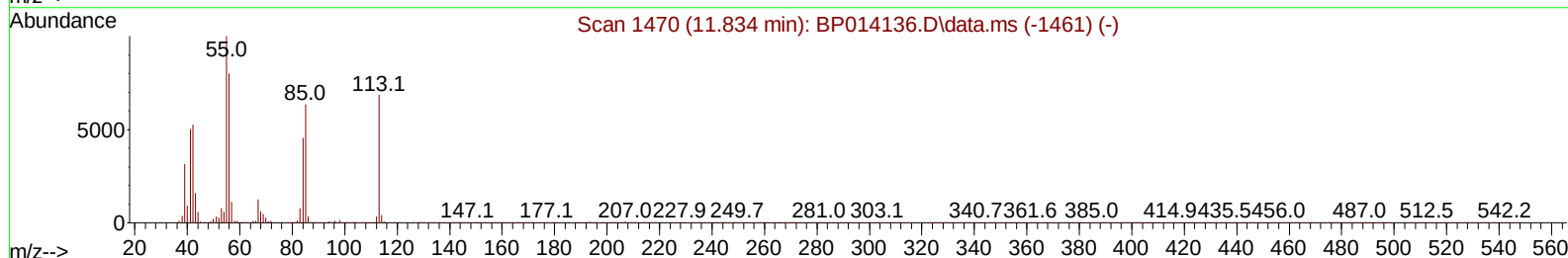
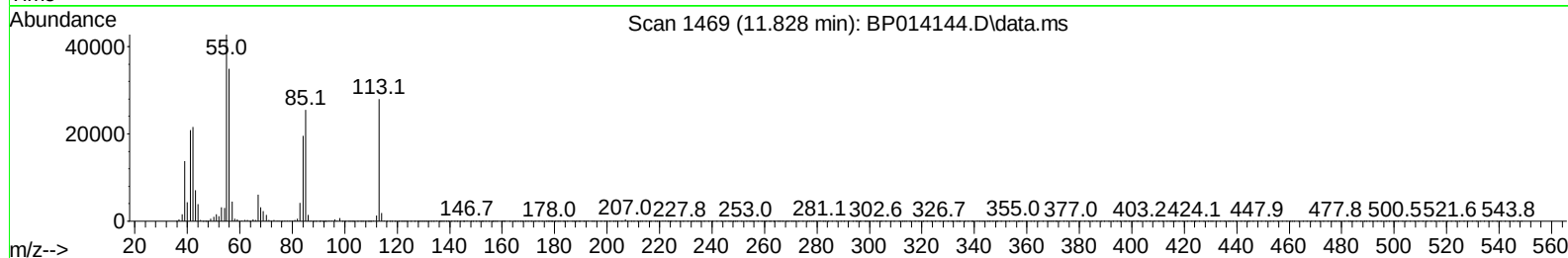
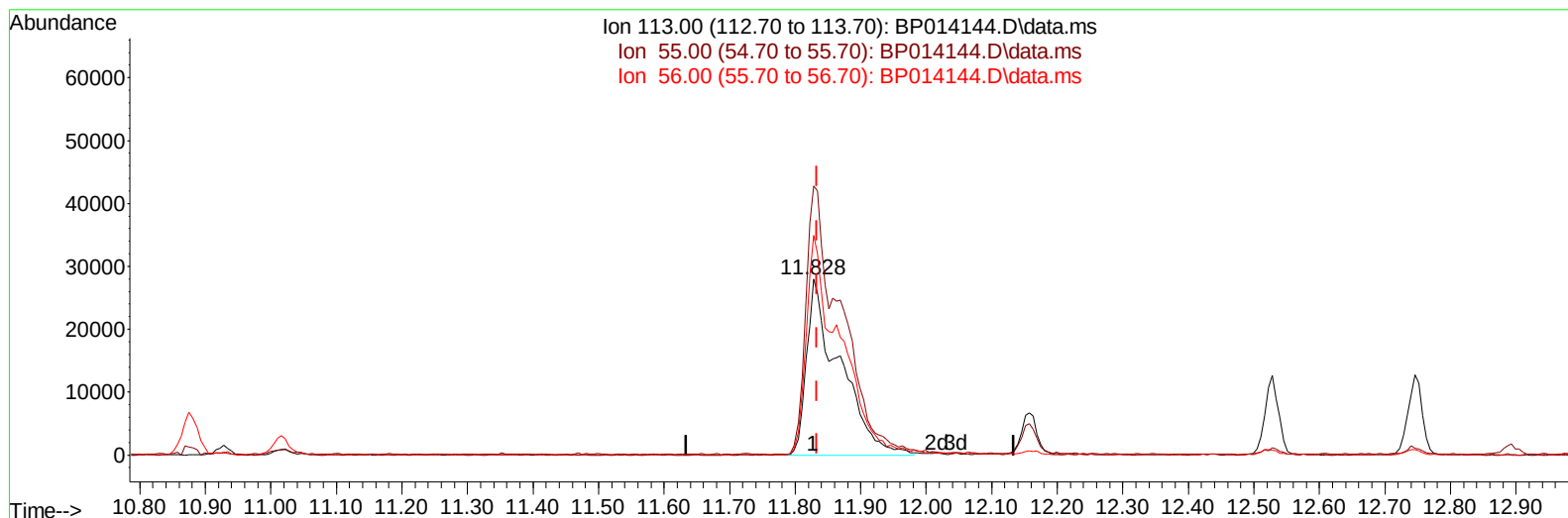
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP032023\  
 Data File : BP014144.D  
 Acq On : 20 Mar 2023 17:18  
 Operator : CG/JU  
 Sample : SSTDCCC020  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 LabSampleId :  
 SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: Mar 21 00:47:32 2023  
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TIC: BP014144.D\data.ms

**(34) Caprolactam**

**11.828min (-0.006) 19.89 ng/ul m**

**response 98506**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 113.00 | 100.00 | 100.00 |
| 55.00  | 155.00 | 152.80 |
| 56.00  | 127.50 | 124.79 |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP032023\  
 Data File : BP014144.D  
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 Sample : SSTDCCC020  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
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 LabSampleId :  
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Manual IntegrationsAPPROVED

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Reviewed By :Christian Giraldo 03/21/2023  
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| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.052  | 152  | 195416   | 20.000 | ng/ul | 0.00     |
| 20) Naphthalene-d8            | 10.875 | 136  | 860605   | 20.000 | ng/ul | 0.00     |
| 38) Acenaphthene-d10          | 14.698 | 164  | 591725   | 20.000 | ng/ul | 0.00     |
| 64) Phenanthrene-d10          | 17.451 | 188  | 1352196  | 20.000 | ng/ul | 0.00     |
| 79) Chrysene-d12              | 21.533 | 240  | 1314006  | 20.000 | ng/ul | 0.00     |
| 88) Perylene-d12              | 24.057 | 264  | 1237488  | 20.000 | ng/ul | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 3) 1,4-Dioxane-d8             | 3.417  | 96   | 36428    | 7.043  | ng/uL | 0.00     |
| 4) Pyridine-d5                | 3.852  | 84   | 265327   | 18.528 | ng/ul | 0.00     |
| 7) Phenol-d5                  | 7.211  | 99   | 351488   | 20.382 | ng/ul | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.375  | 67   | 215756   | 21.453 | ng/ul | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.581  | 132  | 273630   | 20.826 | ng/ul | 0.00     |
| 15) 4-Methylphenol-d8         | 8.769  | 113  | 293839   | 20.860 | ng/ul | 0.00     |
| 21) Nitrobenzene-d5           | 9.228  | 128  | 142653   | 20.774 | ng/ul | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.958  | 143  | 168968   | 20.556 | ng/ul | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.499 | 165  | 308497   | 19.946 | ng/ul | 0.00     |
| 31) 4-Chloroaniline-d4        | 11.016 | 131  | 392209   | 19.162 | ng/ul | 0.00     |
| 46) Dimethylphthalate-d6      | 14.099 | 166  | 970809   | 19.332 | ng/ul | 0.00     |
| 49) Acenaphthylene-d8         | 14.393 | 160  | 1080157  | 20.304 | ng/ul | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.898 | 143  | 163899   | 18.520 | ng/ul | 0.00     |
| 60) Fluorene-d10              | 15.687 | 176  | 817308   | 19.204 | ng/ul | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.810 | 200  | 192513   | 18.837 | ng/ul | 0.00     |
| 73) Anthracene-d10            | 17.551 | 188  | 1294171  | 19.715 | ng/ul | 0.00     |
| 81) Pyrene-d10                | 19.775 | 212  | 1571955  | 21.691 | ng/ul | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.892 | 264  | 1312380  | 19.937 | ng/ul | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.452  | 88   | 40175    | 7.195  | ng/uL | 91       |
| 5) Pyridine                   | 3.870  | 79   | 265026   | 18.249 | ng/ul | 95       |
| 6) Benzaldehyde               | 7.187  | 77   | 215025m  | 25.059 | ng/ul |          |
| 8) Phenol                     | 7.240  | 94   | 363086   | 20.416 | ng/ul | 98       |
| 10) Bis(2-Chloroethyl)ether   | 7.469  | 93   | 290578   | 21.327 | ng/ul | 98       |
| 12) 2-Chlorophenol            | 7.616  | 128  | 277565   | 20.968 | ng/ul | 98       |
| 13) 2-Methylphenol            | 8.499  | 108  | 276994   | 20.946 | ng/ul | 94       |
| 14) 2,2'-oxybis(1-Chloropr... | 8.587  | 45   | 350617   | 23.829 | ng/ul | 100      |
| 16) Acetophenone              | 8.887  | 105  | 478717   | 21.037 | ng/ul | 99       |
| 17) N-Nitroso-di-n-propyla... | 8.869  | 70   | 256169   | 22.005 | ng/ul | 99       |
| 18) 4-Methylphenol            | 8.834  | 108  | 303969   | 20.898 | ng/ul | 100      |
| 19) Hexachloroethane          | 9.140  | 117  | 125025   | 21.565 | ng/ul | 99       |
| 22) Nitrobenzene              | 9.269  | 77   | 378909   | 20.628 | ng/ul | 100      |
| 23) Isophorone                | 9.799  | 82   | 727938   | 20.579 | ng/ul | 98       |
| 25) 2-Nitrophenol             | 9.987  | 139  | 172900   | 20.409 | ng/ul | 95       |
| 26) 2,4-Dimethylphenol        | 10.040 | 107  | 371720   | 20.046 | ng/ul | 99       |
| 27) Bis(2-Chloroethoxy)met... | 10.275 | 93   | 420985   | 20.575 | ng/ul | 99       |
| 29) 2,4-Dichlorophenol        | 10.522 | 162  | 300844   | 19.719 | ng/ul | 97       |
| 30) Naphthalene               | 10.928 | 128  | 946710   | 20.033 | ng/ul | 99       |
| 32) 4-Chloroaniline           | 11.040 | 127  | 398691   | 19.358 | ng/ul | 99       |
| 33) Hexachlorobutadiene       | 11.205 | 225  | 230410   | 18.979 | ng/ul | 99       |
| 34) Caprolactam               | 11.828 | 113  | 98506m   | 19.885 | ng/ul |          |
| 35) 4-Chloro-3-methylphenol   | 12.157 | 107  | 357403   | 20.259 | ng/ul | 98       |

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Instrument :  
 BNA\_P  
 LabSampleId :  
 SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: Mar 21 00:47:32 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP030723.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Mar 20 13:12:59 2023  
 Response via : Initial Calibration

Reviewed By :Christian Giraldo 03/21/2023  
 Supervised By :Jagrut Upadhyay 03/21/2023

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 36) 2-Methylnaphthalene       | 12.528 | 142  | 654086   | 19.733 | ng/ul | 98       |
| 37) 1-Methylnaphthalene       | 12.746 | 142  | 645650   | 19.379 | ng/ul | 98       |
| 39) 1,2,4,5-Tetrachloroben... | 12.893 | 216  | 419310   | 19.596 | ng/ul | 99       |
| 40) Hexachlorocyclopentadiene | 12.863 | 237  | 249014   | 16.251 | ng/ul | 98       |
| 41) 2,4,6-Trichlorophenol     | 13.134 | 196  | 269271   | 20.032 | ng/ul | 98       |
| 42) 2,4,5-Trichlorophenol     | 13.210 | 196  | 290649   | 19.703 | ng/ul | 100      |
| 43) 1,1'-Biphenyl             | 13.528 | 154  | 904646   | 19.858 | ng/ul | 99       |
| 44) 2-Chloronaphthalene       | 13.575 | 162  | 722324   | 19.964 | ng/ul | 98       |
| 45) 2-Nitroaniline            | 13.781 | 65   | 234995   | 21.960 | ng/ul | 94       |
| 47) Dimethylphthalate         | 14.146 | 163  | 962681   | 19.367 | ng/ul | 99       |
| 48) 2,6-Dinitrotoluene        | 14.275 | 165  | 200633   | 20.416 | ng/ul | 95       |
| 50) Acenaphthylene            | 14.416 | 152  | 1131965  | 20.276 | ng/ul | 99       |
| 51) 3-Nitroaniline            | 14.604 | 138  | 186760   | 21.464 | ng/ul | 93       |
| 52) Acenaphthene              | 14.757 | 153  | 781071   | 20.013 | ng/ul | 100      |
| 53) 2,4-Dinitrophenol         | 14.816 | 184  | 121675   | 16.580 | ng/ul | 98       |
| 55) 4-Nitrophenol             | 14.916 | 109  | 158310   | 16.561 | ng/ul | 91       |
| 56) Dibenzofuran              | 15.093 | 168  | 1106436  | 19.487 | ng/ul | 99       |
| 57) 2,4-Dinitrotoluene        | 15.063 | 165  | 289180   | 19.695 | ng/ul | 98       |
| 58) 2,3,4,6-Tetrachlorophenol | 15.322 | 232  | 272625   | 19.317 | ng/ul | 97       |
| 59) Diethylphthalate          | 15.504 | 149  | 984395   | 19.525 | ng/ul | 99       |
| 61) Fluorene                  | 15.745 | 166  | 911721   | 19.371 | ng/ul | 99       |
| 62) 4-Chlorophenyl-phenyle... | 15.734 | 204  | 494599   | 19.040 | ng/ul | 99       |
| 63) 4-Nitroaniline            | 15.769 | 138  | 193753   | 21.663 | ng/ul | 94       |
| 66) 4,6-Dinitro-2-methylph... | 15.828 | 198  | 186014   | 19.078 | ng/ul | 98       |
| 67) N-Nitrosodiphenylamine    | 15.945 | 169  | 782476   | 20.489 | ng/ul | 99       |
| 68) 4-Bromophenyl-phenylether | 16.634 | 248  | 322786   | 19.746 | ng/ul | 97       |
| 69) Hexachlorobenzene         | 16.751 | 284  | 379903   | 19.722 | ng/ul | 98       |
| 70) Atrazine                  | 16.904 | 200  | 323956   | 19.668 | ng/ul | 99       |
| 71) Pentachlorophenol         | 17.098 | 266  | 224032   | 17.792 | ng/ul | 98       |
| 72) Phenanthrene              | 17.492 | 178  | 1454048  | 19.715 | ng/ul | 100      |
| 74) Anthracene                | 17.587 | 178  | 1507678  | 20.161 | ng/ul | 99       |
| 75) 1,2,3,4-Tetrachloroben... | 13.499 | 216  | 427907   | 20.620 | ng/uL | 98       |
| 76) Pentachlorobenzene        | 15.010 | 250  | 436038   | 20.227 | ng/uL | 99       |
| 77) Carbazole                 | 17.851 | 167  | 1316849  | 19.964 | ng/ul | 99       |
| 78) Di-n-butylphthalate       | 18.381 | 149  | 1751869  | 21.251 | ng/ul | 100      |
| 80) Fluoranthene              | 19.451 | 202  | 1817106  | 21.998 | ng/ul | 98       |
| 82) Pyrene                    | 19.804 | 202  | 1901425  | 22.066 | ng/ul | 98       |
| 83) Butylbenzylphthalate      | 20.657 | 149  | 827119   | 23.805 | ng/ul | 99       |
| 84) 3,3'-Dichlorobenzidine    | 21.439 | 252  | 639218   | 19.003 | ng/ul | 99       |
| 85) Benzo(a)anthracene        | 21.516 | 228  | 1861265  | 20.139 | ng/ul | 99       |
| 86) Bis(2-ethylhexyl)phtha... | 21.410 | 149  | 1233097  | 23.738 | ng/ul | 100      |
| 87) Chrysene                  | 21.569 | 228  | 1758097  | 19.960 | ng/ul | 99       |
| 89) Di-n-octyl phthalate      | 22.375 | 149  | 2101816  | 26.917 | ng/ul | 100      |
| 90) Benzo(b)fluoranthene      | 23.280 | 252  | 1700559  | 20.623 | ng/ul | 99       |
| 91) Benzo(k)fluoranthene      | 23.327 | 252  | 1633713  | 20.777 | ng/ul | 98       |
| 93) Benzo(a)pyrene            | 23.945 | 252  | 1411936  | 19.686 | ng/ul | 100      |
| 94) Indeno(1,2,3-cd)pyrene    | 26.715 | 276  | 1668563  | 17.574 | ng/ul | 96       |
| 95) Dibenzo(a,h)anthracene    | 26.727 | 278  | 1395496  | 17.684 | ng/ul | 99       |
| 96) Benzo(g,h,i)perylene      | 27.527 | 276  | 1332200  | 17.554 | ng/ul | 98       |

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

**Instrument :**  
BNA\_P  
**LabSampleId :**  
SSTDCCC020

**Manual IntegrationsAPPROVED**

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