

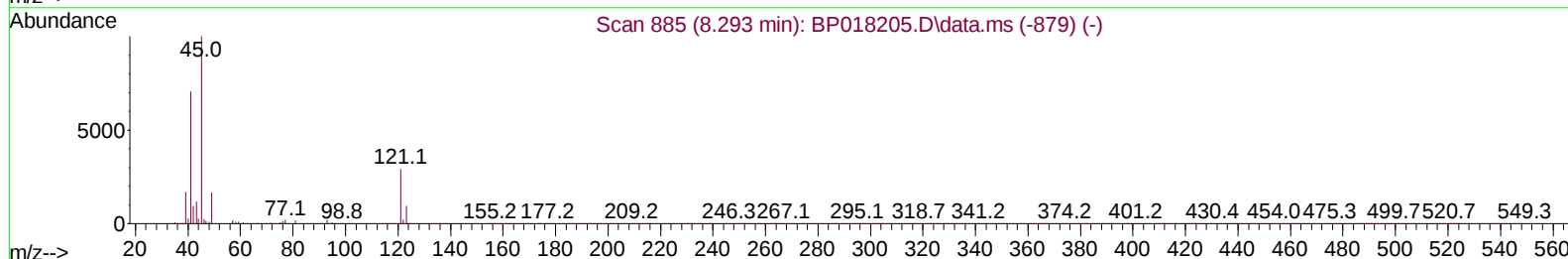
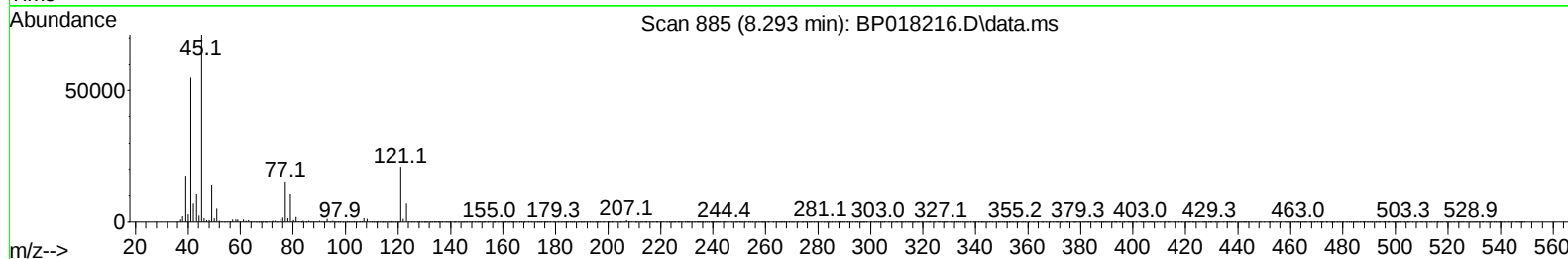
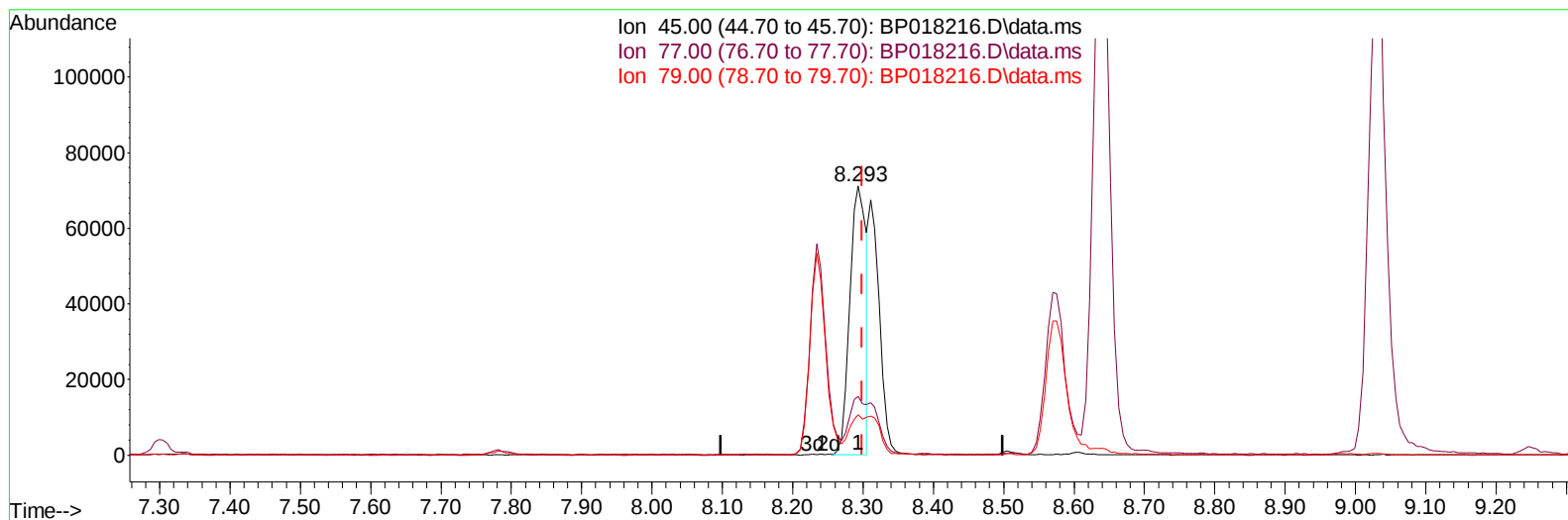
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP111723\  
 Data File : BP018216.D  
 Acq On : 17 Nov 2023 10:23  
 Operator : MA/JU  
 Sample : PB157121BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SLCS121

Manual IntegrationsAPPROVED

Quant Time: Nov 17 16:56:55 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP111023.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Nov 15 18:13:37 2023  
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/17/2023  
 Supervised By :mohammad ahmed 11/19/2023



TIC: BP018216.D\data.ms

(14) 2,2'-oxybis(1-Chloropropane)

8.293min (-0.006) 30.49 ng/u1

response 113923

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 45.00 | 100.00 | 100.00 |
| 77.00 | 20.10  | 21.73  |
| 79.00 | 13.90  | 15.07  |
| 0.00  | 0.00   | 0.00   |

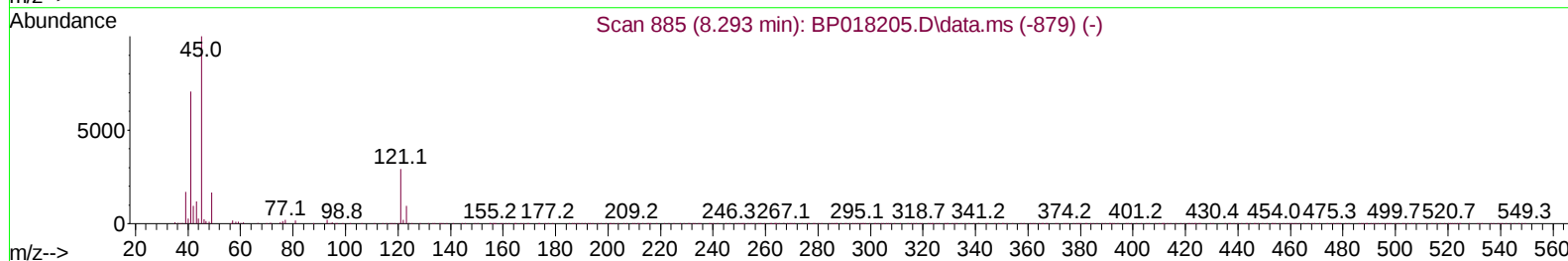
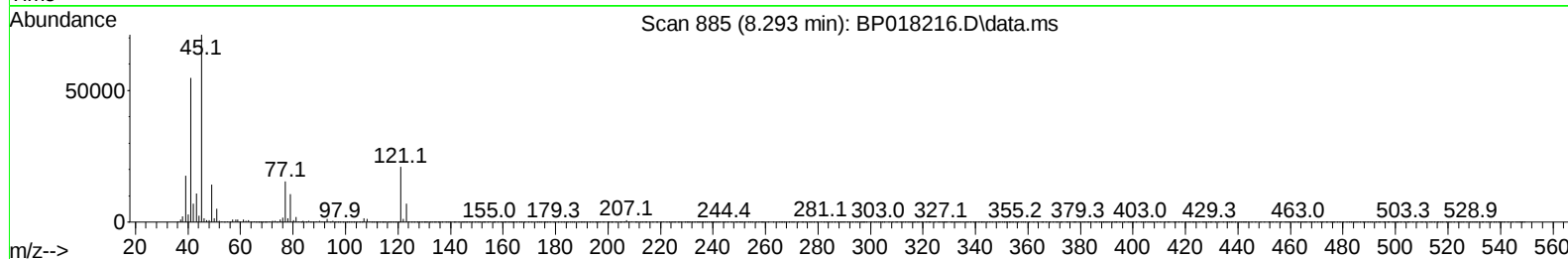
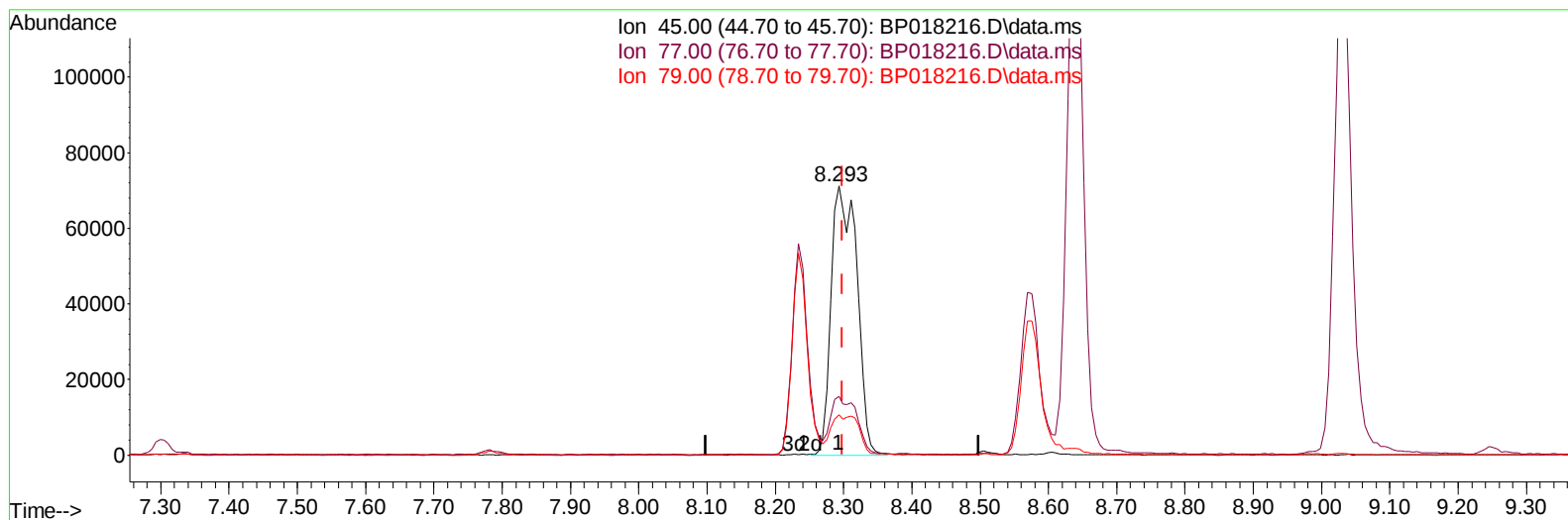
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP111723\  
 Data File : BP018216.D  
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 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
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Manual IntegrationsAPPROVED

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TIC: BP018216.D\data.ms

(14) 2,2'-oxybis(1-Chloropropane)

8.293min (-0.006) 49.73 ng/ul m

response 185774

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 45.00 | 100.00 | 100.00 |
| 77.00 | 20.10  | 21.73  |
| 79.00 | 13.90  | 15.07  |
| 0.00  | 0.00   | 0.00   |

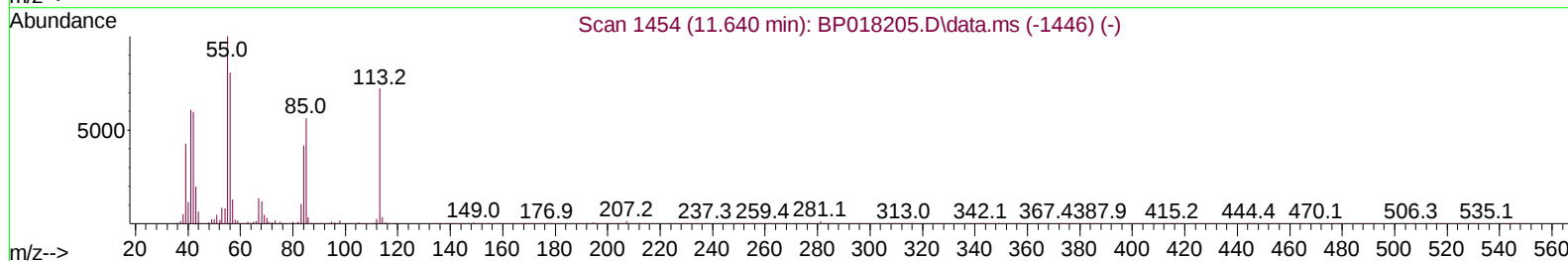
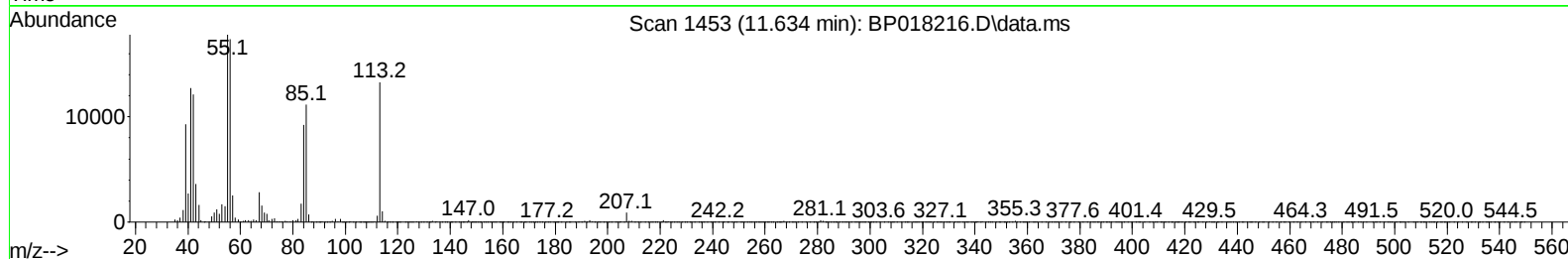
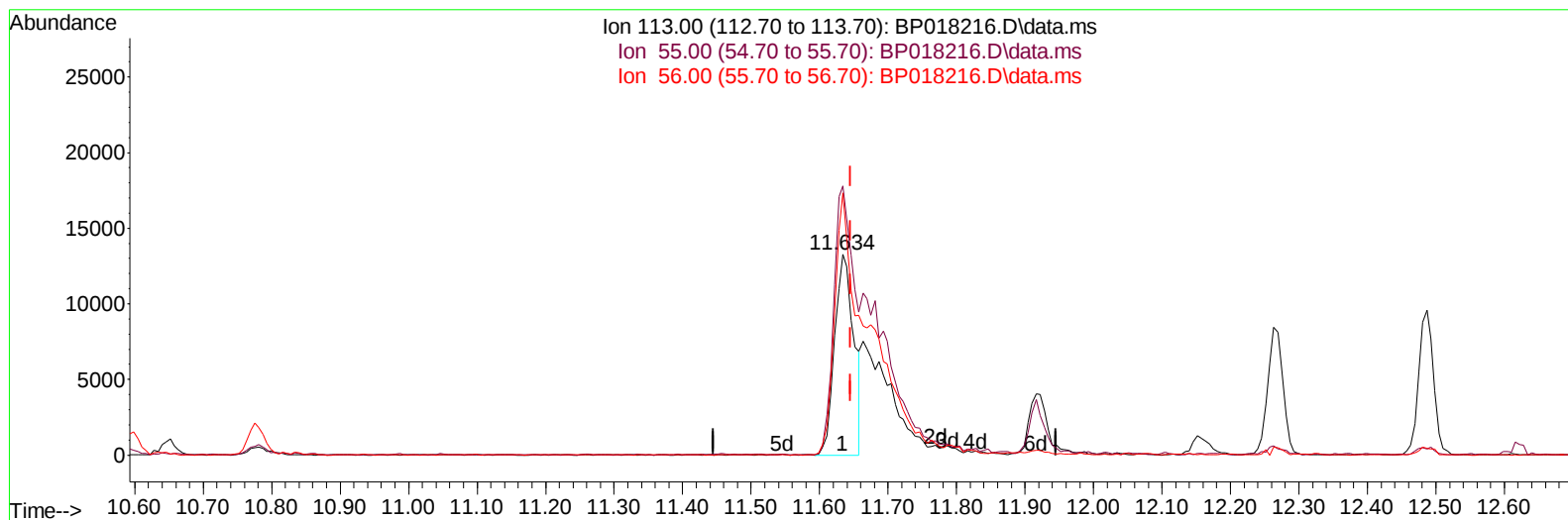
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP111723\  
 Data File : BP018216.D  
 Acq On : 17 Nov 2023 10:23  
 Operator : MA/JU  
 Sample : PB157121BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
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 ClientSampleId :  
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Manual IntegrationsAPPROVED

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TIC: BP018216.D\data.ms

**(34) Caprolactam**

**11.634min (-0.012) 23.67 ng/ul**

**response 25972**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 113.00 | 100.00 | 100.00 |
| 55.00  | 147.90 | 133.81 |
| 56.00  | 119.50 | 130.44 |
| 0.00   | 0.00   | 0.00   |

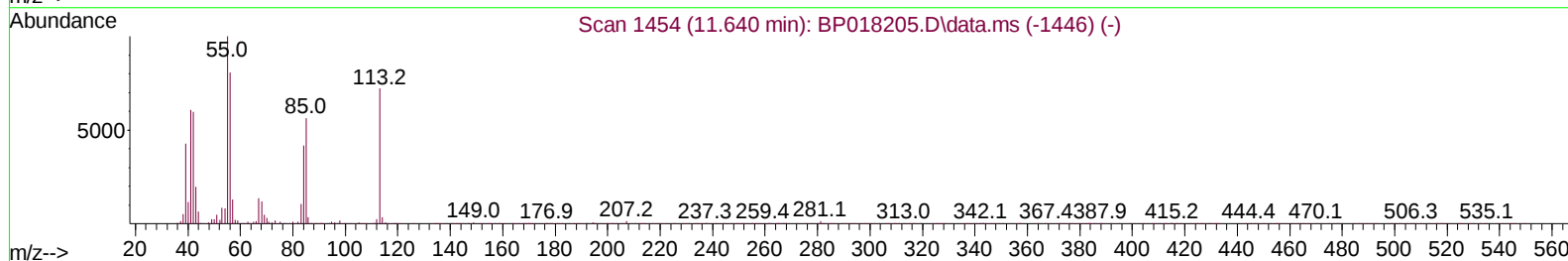
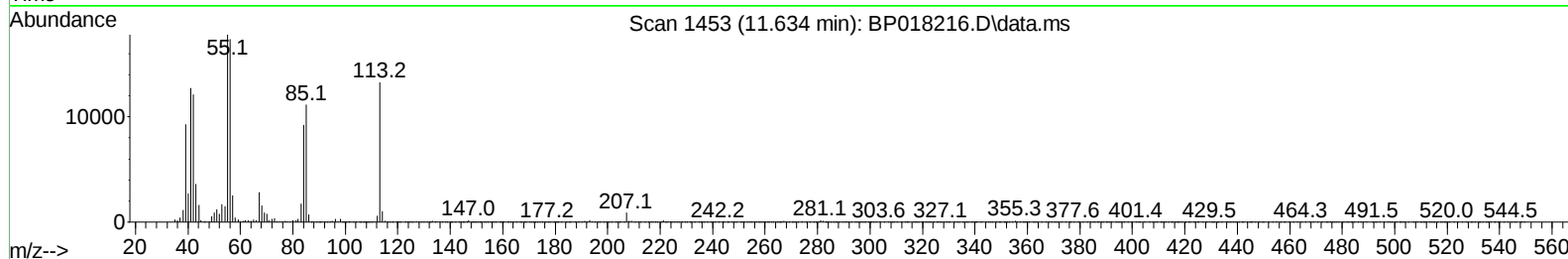
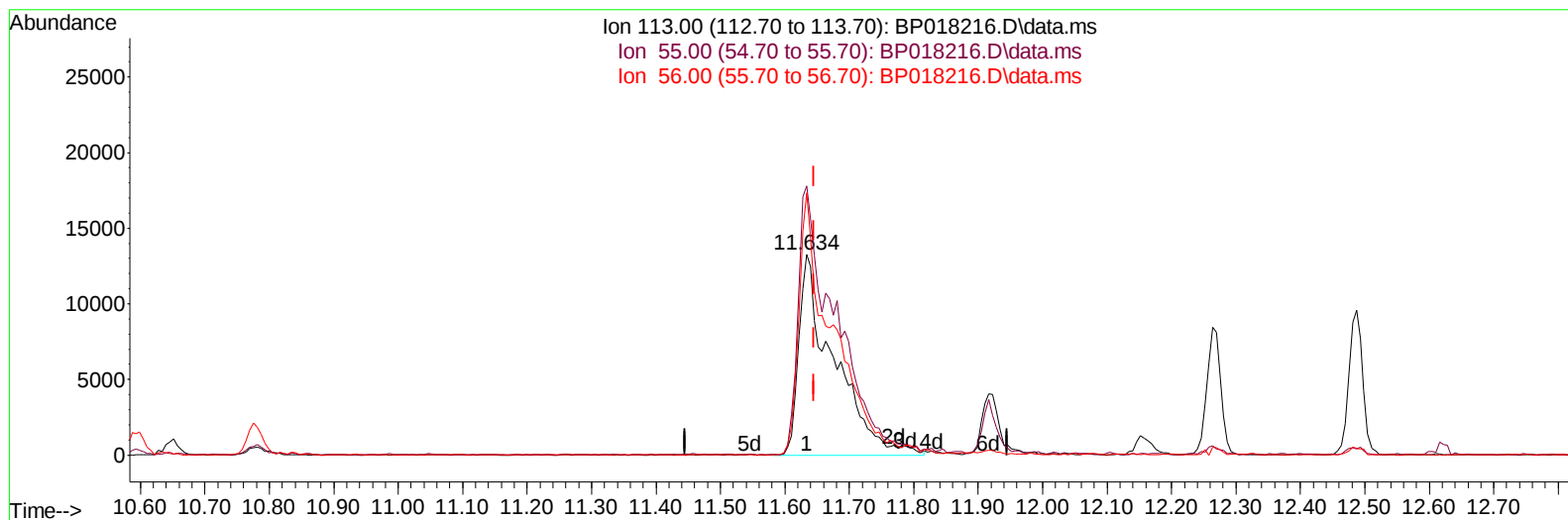
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP111723\  
 Data File : BP018216.D  
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 Operator : MA/JU  
 Sample : PB157121BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SLCS121

Manual IntegrationsAPPROVED

Quant Time: Nov 17 16:56:55 2023  
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 Supervised By :mohammad ahmed 11/19/2023



TIC: BP018216.D\data.ms

**(34) Caprolactam**

**11.634min (-0.012) 45.33 ng/ul m**

**response 49737**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 113.00 | 100.00 | 100.00 |
| 55.00  | 147.90 | 133.81 |
| 56.00  | 119.50 | 130.44 |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP111723\  
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 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SLCS121

Manual IntegrationsAPPROVED

Quant Time: Nov 17 16:58:19 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP111023.MA.M  
 Quant Title : SVOA CALIBRATION  
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 Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/17/2023  
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| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.781  | 152  | 44283    | 20.000 | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 10.599 | 136  | 190114   | 20.000 | ng/ul  | 0.00     |
| 38) Acenaphthene-d10          | 14.457 | 164  | 132642   | 20.000 | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.245 | 188  | 308532   | 20.000 | ng/ul  | 0.00     |
| 79) Chrysene-d12              | 21.375 | 240  | 297890   | 20.000 | ng/ul  | 0.00     |
| 88) Perylene-d12              | 23.845 | 264  | 313167   | 20.000 | ng/ul  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.158  | 96   | 11531    | 9.186  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.587  | 84   | 129869   | 39.678 | ng/ul  | 0.00     |
| 7) Phenol-d5                  | 6.946  | 99   | 190573   | 44.576 | ng/ul  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.134  | 67   | 119205   | 47.446 | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.299  | 132  | 153847   | 45.443 | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.511  | 113  | 155566   | 44.406 | ng/ul  | 0.00     |
| 21) Nitrobenzene-d5           | 8.987  | 128  | 75924    | 44.327 | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.699  | 143  | 89536    | 46.141 | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.222 | 165  | 162970   | 47.121 | ng/ul  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.775 | 131  | 201073   | 42.395 | ng/ul  | -0.01    |
| 46) Dimethylphthalate-d6      | 13.887 | 166  | 570142   | 46.586 | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 14.157 | 160  | 602881   | 45.227 | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.722 | 143  | 76790    | 41.989 | ng/ul  | -0.01    |
| 60) Fluorene-d10              | 15.463 | 176  | 476159   | 47.124 | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.622 | 200  | 101936   | 45.702 | ng/ul  | 0.00     |
| 73) Anthracene-d10            | 17.345 | 188  | 762810   | 45.714 | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.598 | 212  | 936953   | 47.088 | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.686 | 264  | 882356   | 48.455 | ng/ul  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.193  | 88   | 25993    | 18.975 | ng/uL  | 96       |
| 5) Pyridine                   | 3.611  | 79   | 135021   | 39.970 | ng/ul  | 97       |
| 6) Benzaldehyde               | 6.952  | 77   | 114048   | 49.533 | ng/ul  | 94       |
| 8) Phenol                     | 6.975  | 94   | 209032   | 49.564 | ng/ul  | 99       |
| 10) Bis(2-Chloroethyl)ether   | 7.228  | 93   | 164138   | 50.166 | ng/ul  | 99       |
| 12) 2-Chlorophenol            | 7.334  | 128  | 167426   | 49.255 | ng/ul  | 99       |
| 13) 2-Methylphenol            | 8.234  | 108  | 156115   | 48.991 | ng/ul  | 94       |
| 14) 2,2'-oxybis(1-Chloropr... | 8.293  | 45   | 185774m  | 49.726 | ng/ul  |          |
| 16) Acetophenone              | 8.640  | 105  | 276106   | 49.583 | ng/ul  | 98       |
| 17) N-Nitroso-di-n-propyla... | 8.605  | 70   | 153028   | 50.334 | ng/ul  | 96       |
| 18) 4-Methylphenol            | 8.575  | 108  | 169734   | 48.841 | ng/ul  | 100      |
| 19) Hexachloroethane          | 8.828  | 117  | 84375    | 51.880 | ng/ul  | 94       |
| 22) Nitrobenzene              | 9.028  | 77   | 240169   | 51.930 | ng/ul  | 96       |
| 23) Isophorone                | 9.534  | 82   | 416562   | 49.360 | ng/ul  | 98       |
| 25) 2-Nitrophenol             | 9.728  | 139  | 102393   | 51.350 | ng/ul  | 96       |
| 26) 2,4-Dimethylphenol        | 9.775  | 107  | 179543   | 42.328 | ng/ul  | 99       |
| 27) Bis(2-Chloroethoxy)met... | 10.028 | 93   | 232007   | 50.414 | ng/ul  | 99       |
| 29) 2,4-Dichlorophenol        | 10.252 | 162  | 167481   | 50.712 | ng/ul  | 97       |
| 30) Naphthalene               | 10.646 | 128  | 573163   | 49.575 | ng/ul  | 99       |
| 32) 4-Chloroaniline           | 10.805 | 127  | 191222   | 42.092 | ng/ul  | 99       |
| 33) Hexachlorobutadiene       | 10.863 | 225  | 125818   | 51.895 | ng/ul  | 95       |
| 34) Caprolactam               | 11.634 | 113  | 49737m   | 45.334 | ng/ul  |          |
| 35) 4-Chloro-3-methylphenol   | 11.916 | 107  | 197876   | 49.802 | ng/ul  | 100      |

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Manual IntegrationsAPPROVED

Quant Time: Nov 17 16:58:19 2023  
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 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Nov 15 18:13:37 2023  
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/17/2023  
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| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 36) 2-Methylnaphthalene       | 12.263 | 142  | 412272   | 51.940 | ng/ul | 99       |
| 37) 1-Methylnaphthalene       | 12.487 | 142  | 408747   | 50.113 | ng/ul | 100      |
| 39) 1,2,4,5-Tetrachloroben... | 12.622 | 216  | 217787   | 48.603 | ng/ul | 97       |
| 40) Hexachlorocyclopentadiene | 12.557 | 237  | 85331    | 39.452 | ng/ul | 100      |
| 41) 2,4,6-Trichlorophenol     | 12.887 | 196  | 141853   | 48.258 | ng/ul | 94       |
| 42) 2,4,5-Trichlorophenol     | 12.963 | 196  | 149469   | 48.316 | ng/ul | 94       |
| 43) 1,1'-Biphenyl             | 13.287 | 154  | 562555   | 49.876 | ng/ul | 99       |
| 44) 2-Chloronaphthalene       | 13.334 | 162  | 440862   | 49.232 | ng/ul | 99       |
| 45) 2-Nitroaniline            | 13.593 | 65   | 161816   | 55.998 | ng/ul | 89       |
| 47) Dimethylphthalate         | 13.934 | 163  | 620625   | 51.695 | ng/ul | 99       |
| 48) 2,6-Dinitrotoluene        | 14.093 | 165  | 124057   | 51.989 | ng/ul | 96       |
| 50) Acenaphthylene            | 14.187 | 152  | 747736   | 49.684 | ng/ul | 99       |
| 51) 3-Nitroaniline            | 14.434 | 138  | 117254   | 52.954 | ng/ul | 92       |
| 52) Acenaphthene              | 14.528 | 153  | 504791   | 50.583 | ng/ul | 99       |
| 53) 2,4-Dinitrophenol         | 14.651 | 184  | 48038    | 36.902 | ng/ul | 94       |
| 55) 4-Nitrophenol             | 14.734 | 109  | 133551   | 55.014 | ng/ul | 89       |
| 56) Dibenzofuran              | 14.863 | 168  | 704061   | 51.482 | ng/ul | 95       |
| 57) 2,4-Dinitrotoluene        | 14.881 | 165  | 194185   | 54.467 | ng/ul | 92       |
| 58) 2,3,4,6-Tetrachlorophenol | 15.093 | 232  | 129762   | 47.152 | ng/ul | 96       |
| 59) Diethylphthalate          | 15.293 | 149  | 687108   | 54.782 | ng/ul | 100      |
| 61) Fluorene                  | 15.522 | 166  | 613047   | 52.800 | ng/ul | 99       |
| 62) 4-Chlorophenyl-phenyle... | 15.510 | 204  | 306274   | 53.829 | ng/ul | 96       |
| 63) 4-Nitroaniline            | 15.610 | 138  | 120625   | 57.729 | ng/ul | 93       |
| 66) 4,6-Dinitro-2-methylph... | 15.640 | 198  | 110859   | 47.898 | ng/ul | 96       |
| 67) N-Nitrosodiphenylamine    | 15.745 | 169  | 509186   | 51.460 | ng/ul | 100      |
| 68) 4-Bromophenyl-phenylether | 16.416 | 248  | 179011   | 51.479 | ng/ul | 91       |
| 69) Hexachlorobenzene         | 16.498 | 284  | 196155   | 50.552 | ng/ul | 98       |
| 70) Atrazine                  | 16.704 | 200  | 138607   | 40.158 | ng/ul | 97       |
| 71) Pentachlorophenol         | 16.875 | 266  | 66623    | 28.286 | ng/ul | 97       |
| 72) Phenanthrene              | 17.287 | 178  | 985083   | 52.000 | ng/ul | 100      |
| 74) Anthracene                | 17.381 | 178  | 989719   | 51.196 | ng/ul | 99       |
| 75) 1,2,3,4-Tetrachloroben... | 13.240 | 216  | 220386   | 46.776 | ng/uL | 97       |
| 76) Pentachlorobenzene        | 14.757 | 250  | 214655   | 46.539 | ng/uL | 97       |
| 77) Carbazole                 | 17.681 | 167  | 901110   | 53.677 | ng/ul | 99       |
| 78) Di-n-butylphthalate       | 18.187 | 149  | 1248304  | 58.604 | ng/ul | 98       |
| 80) Fluoranthene              | 19.269 | 202  | 1208654  | 52.012 | ng/ul | 99       |
| 82) Pyrene                    | 19.628 | 202  | 1267828  | 52.066 | ng/ul | 99       |
| 83) Butylbenzylphthalate      | 20.498 | 149  | 607089   | 59.283 | ng/ul | 93       |
| 84) 3,3'-Dichlorobenzidine    | 21.304 | 252  | 379283   | 53.292 | ng/ul | 96       |
| 85) Benzo(a)anthracene        | 21.357 | 228  | 1277997  | 53.130 | ng/ul | 99       |
| 86) Bis(2-ethylhexyl)phtha... | 21.239 | 149  | 870318   | 61.642 | ng/ul | 99       |
| 87) Chrysene                  | 21.416 | 228  | 1174653  | 52.199 | ng/ul | 98       |
| 89) Di-n-octyl phthalate      | 22.192 | 149  | 1528369  | 65.258 | ng/ul | 100      |
| 90) Benzo(b)fluoranthene      | 23.080 | 252  | 1221957  | 54.828 | ng/ul | 99       |
| 91) Benzo(k)fluoranthene      | 23.133 | 252  | 1194125  | 53.254 | ng/ul | 99       |
| 93) Benzo(a)pyrene            | 23.733 | 252  | 1132017  | 53.784 | ng/ul | 98       |
| 94) Indeno(1,2,3-cd)pyrene    | 26.474 | 276  | 1306693  | 51.763 | ng/ul | 97       |
| 95) Dibenzo(a,h)anthracene    | 26.492 | 278  | 1095274  | 52.695 | ng/ul | 99       |
| 96) Benzo(g,h,i)perylene      | 27.286 | 276  | 1040074  | 51.512 | ng/ul | 96       |

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

**Instrument :**

BNA\_P

**ClientSampleId :**

SLCS121

**Manual IntegrationsAPPROVED**

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