

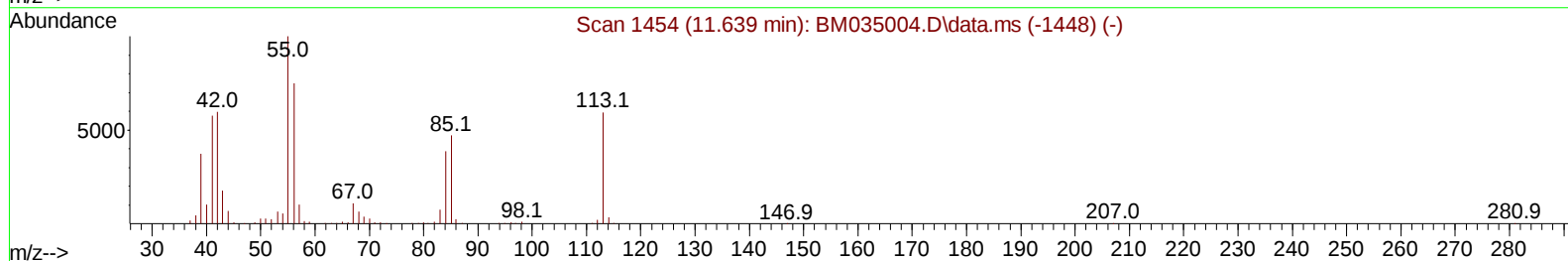
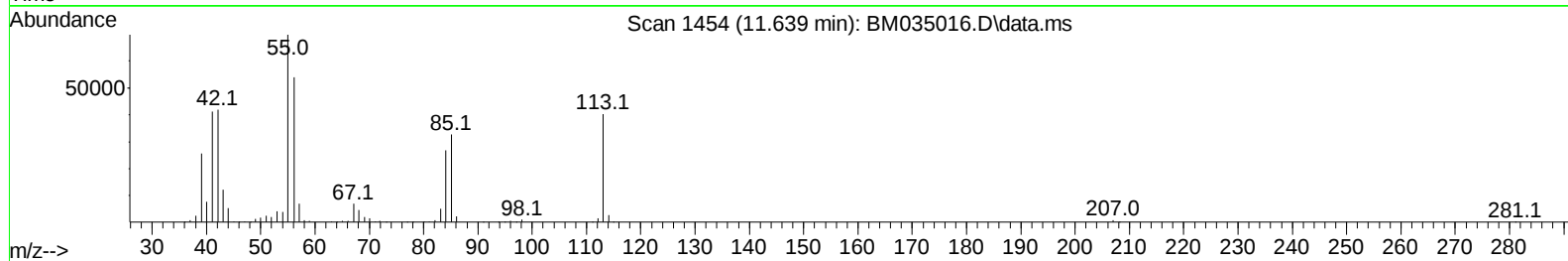
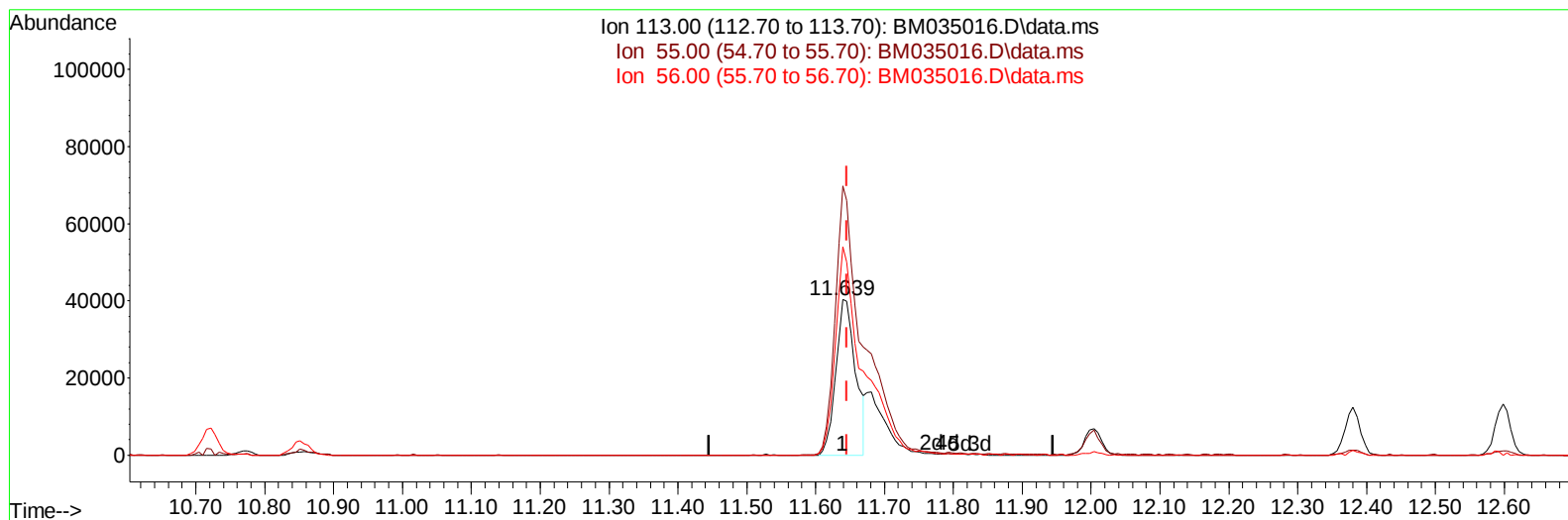
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM051122\  
 Data File : BM035016.D  
 Acq On : 12 May 2022 10:44  
 Operator : CG/JU  
 Sample : SSTDCCC020EC  
 Misc :  
 ALS Vial : 42 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 LabSampleId :  
 SSTDCCC020EC

Manual IntegrationsAPPROVED

Quant Time: May 13 04:38:45 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM051022.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue May 10 16:40:09 2022  
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 05/16/2022  
 Supervised By :Yogesh Patel 05/17/2022



TIC: BM035016.D\data.ms

**(34) Caprolactam**

**11.639min (-0.006) 20.05 ng/ul**

**response 80586**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 113.00 | 100.00 | 100.00 |
| 55.00  | 163.20 | 173.06 |
| 56.00  | 130.40 | 133.98 |
| 0.00   | 0.00   | 0.00   |

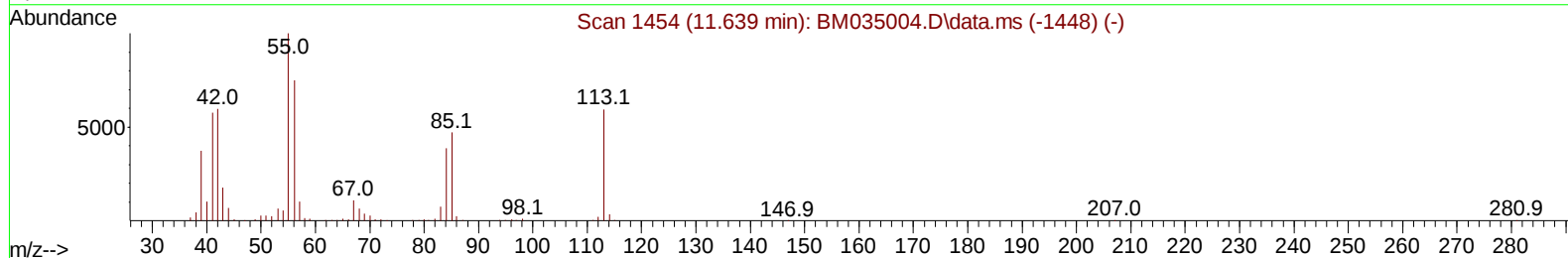
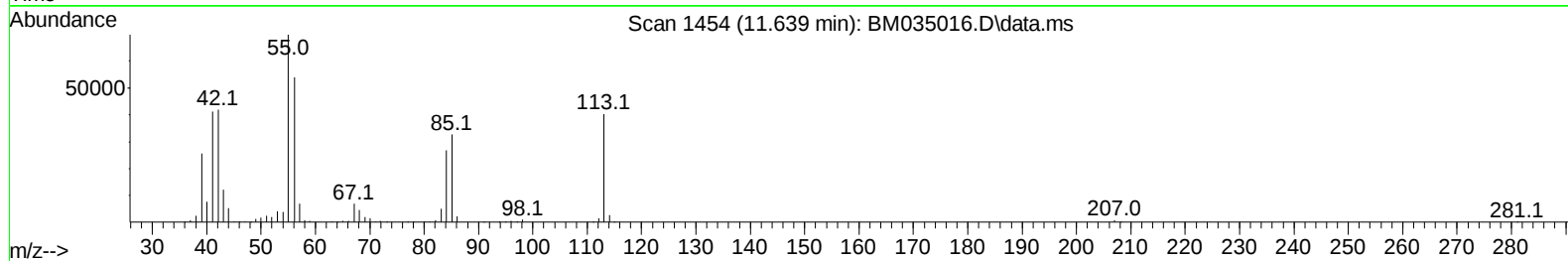
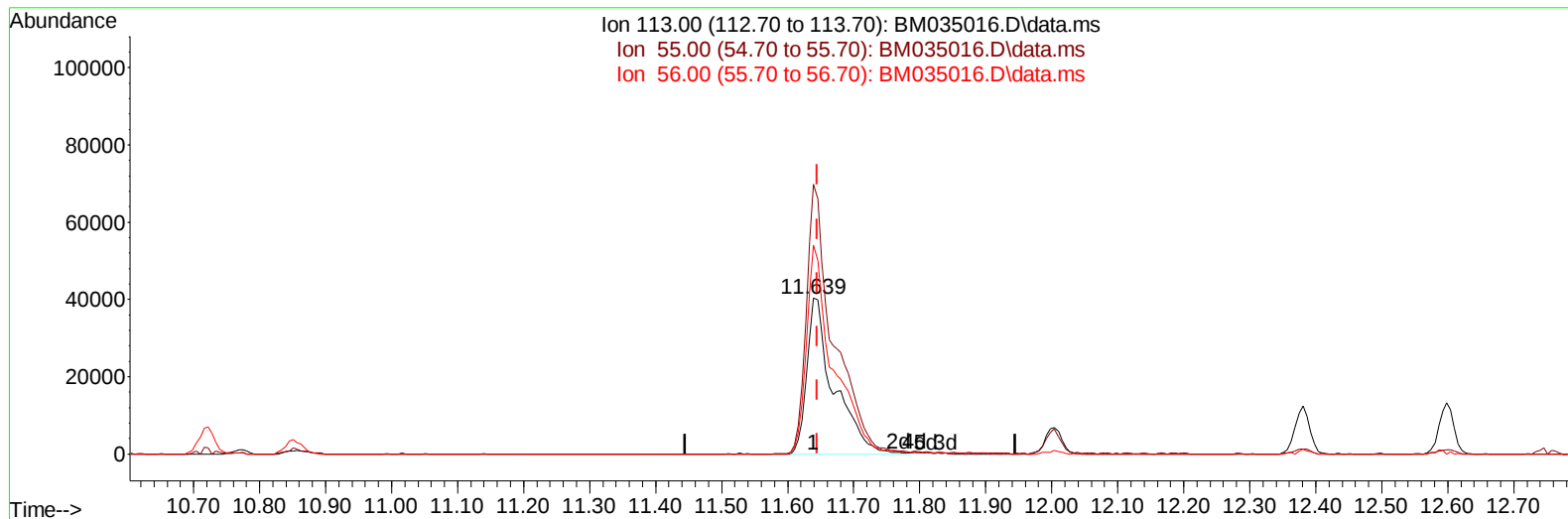
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM051122\  
 Data File : BM035016.D  
 Acq On : 12 May 2022 10:44  
 Operator : CG/JU  
 Sample : SSTDCCC020EC  
 Misc :  
 ALS Vial : 42 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 LabSampleId :  
 SSTDCCC020EC

Manual IntegrationsAPPROVED

Quant Time: May 13 04:38:45 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM051022.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue May 10 16:40:09 2022  
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 05/16/2022  
 Supervised By :Yogesh Patel 05/17/2022



TIC: BM035016.D\data.ms

**(34) Caprolactam**

**11.639min (-0.006) 28.37 ng/ul m**

**response 114064**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 113.00 | 100.00 | 100.00 |
| 55.00  | 163.20 | 173.06 |
| 56.00  | 130.40 | 133.98 |
| 0.00   | 0.00   | 0.00   |



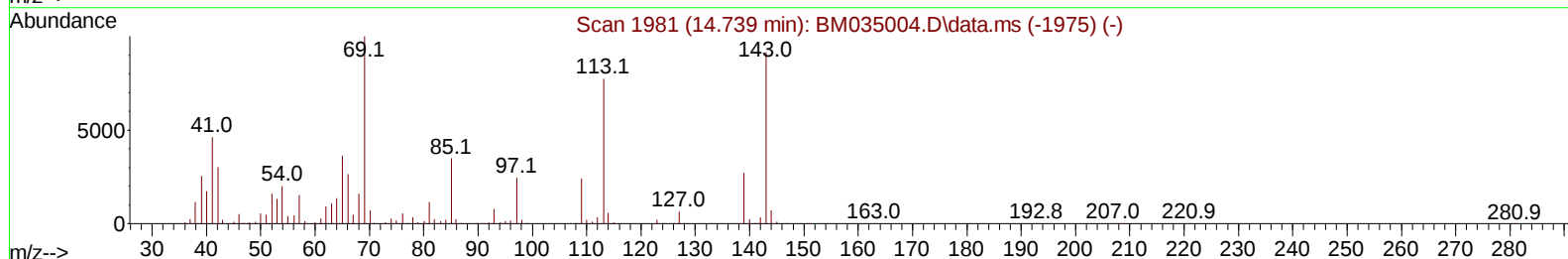
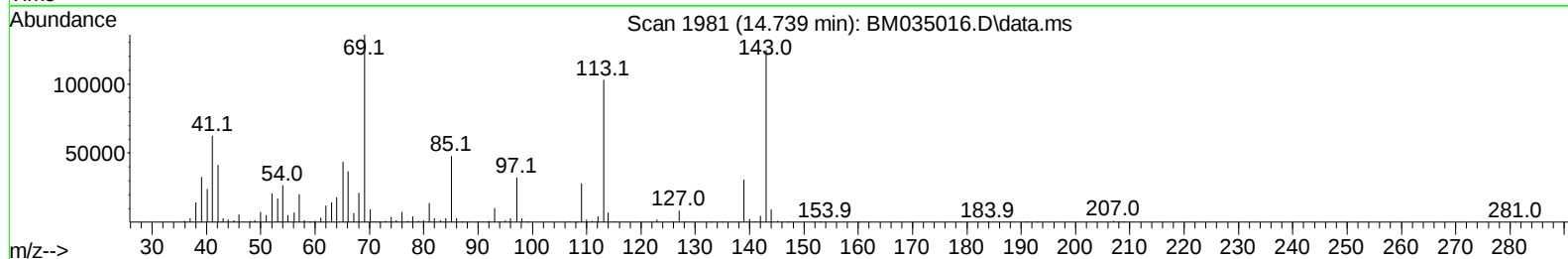
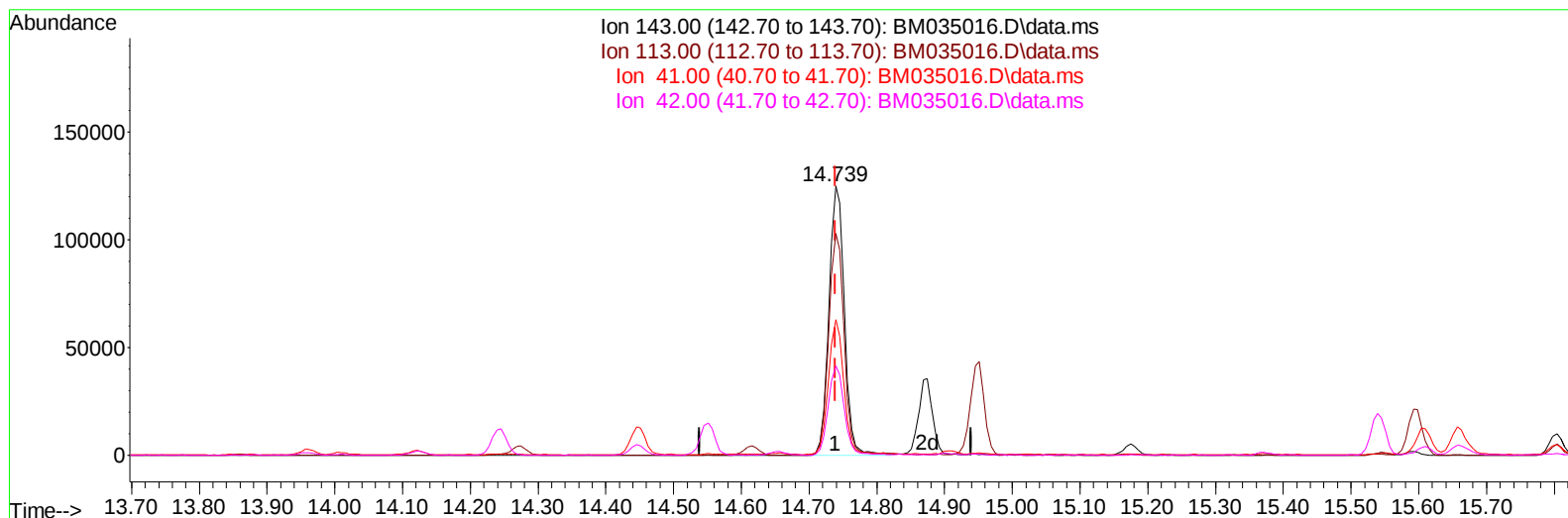
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM051122\  
Data File : BM035016.D  
Acq On : 12 May 2022 10:44  
Operator : CG/JU  
Sample : SSTDCCC020EC  
Misc :  
ALS Vial : 42 Sample Multiplier: 1

Instrument :  
BNA\_M  
LabSampleId :  
SSTDCCC020EC

Manual IntegrationsAPPROVED

Quant Time: May 13 04:38:45 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM051022.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue May 10 16:40:09 2022  
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 05/16/2022  
Supervised By :Yogesh Patel 05/17/2022



TIC: BM035016.D\data.ms

**(54) 4-Nitrophenol-d4 (S)**

**14.739min (+ 0.000) 25.48 ng/ul m**

**response 198306**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 143.00 | 100.00 | 100.00 |
| 113.00 | 80.00  | 82.40  |
| 41.00  | 42.20  | 50.28  |
| 42.00  | 28.30  | 33.19  |

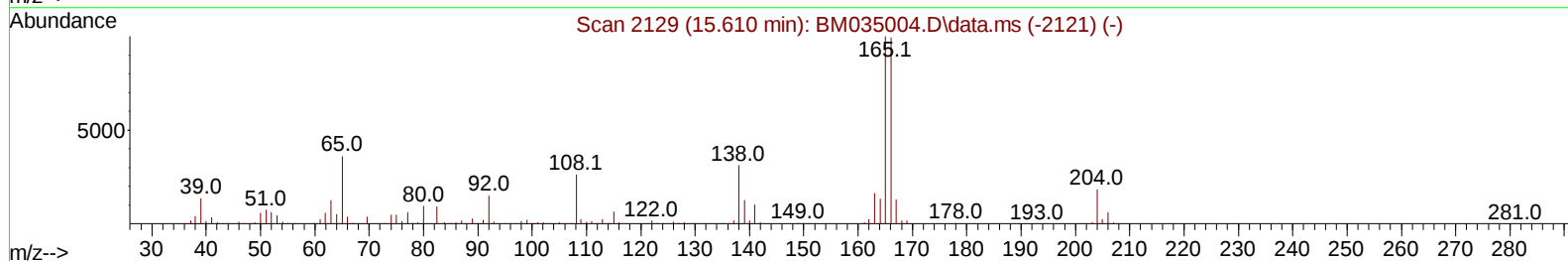
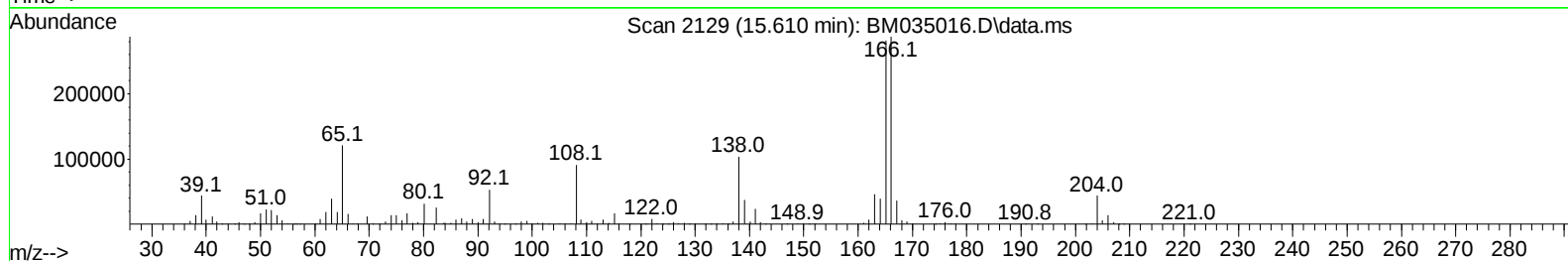
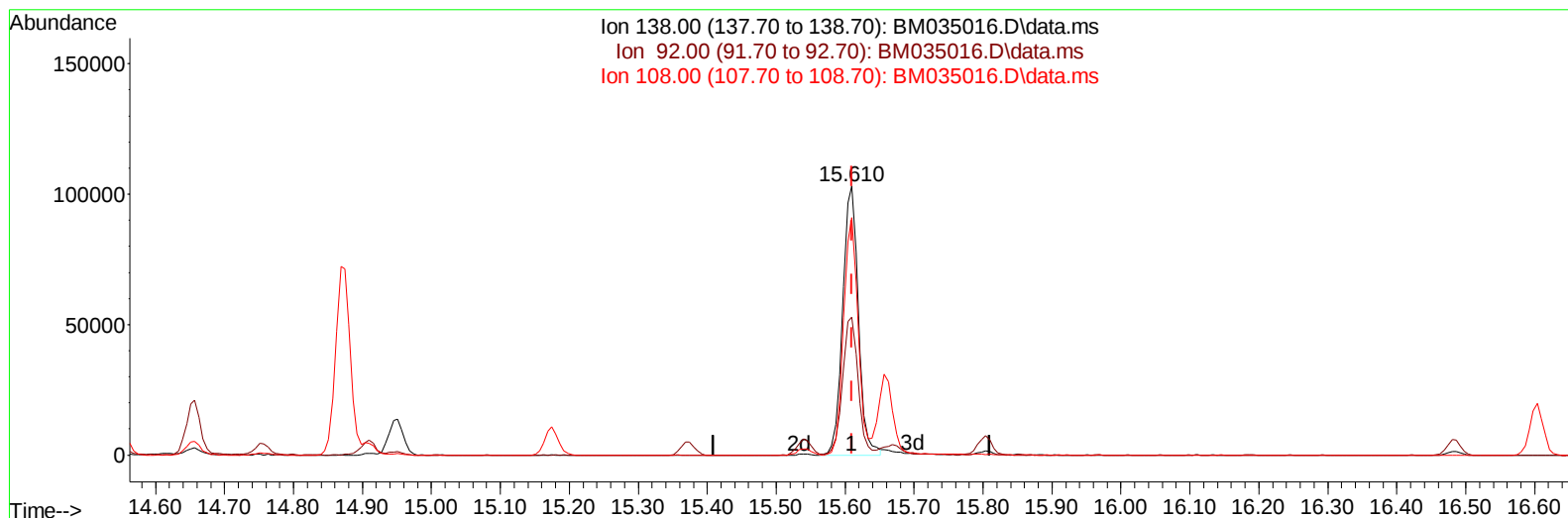
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM051122\  
 Data File : BM035016.D  
 Acq On : 12 May 2022 10:44  
 Operator : CG/JU  
 Sample : SSTDCCC020EC  
 Misc :  
 ALS Vial : 42 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 LabSampleId :  
 SSTDCCC020EC

Manual IntegrationsAPPROVED

Quant Time: May 13 04:38:45 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM051022.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue May 10 16:40:09 2022  
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 05/16/2022  
 Supervised By :Yogesh Patel 05/17/2022



TIC: BM035016.D\data.ms

**(63) 4-Nitroaniline**

**15.610min (+ 0.000) 23.22 ng/ul**

**response 161754**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 138.00 | 100.00 | 100.00 |
| 92.00  | 46.50  | 51.31  |
| 108.00 | 73.00  | 88.38# |
| 0.00   | 0.00   | 0.00   |

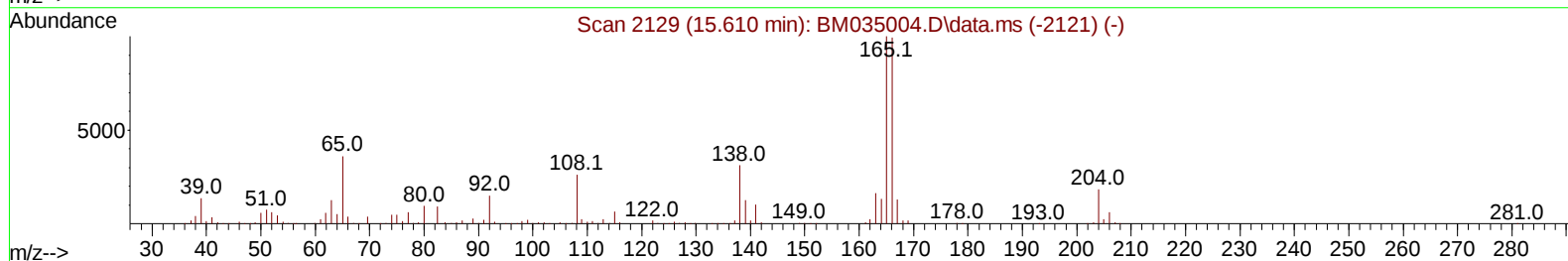
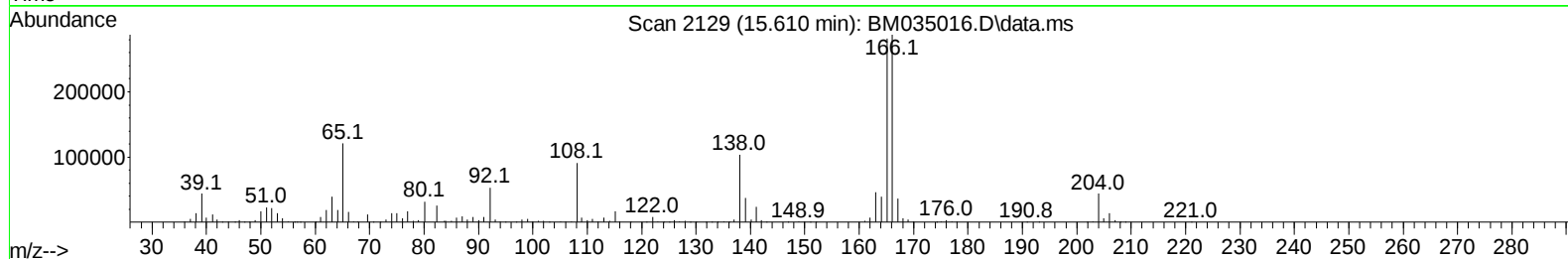
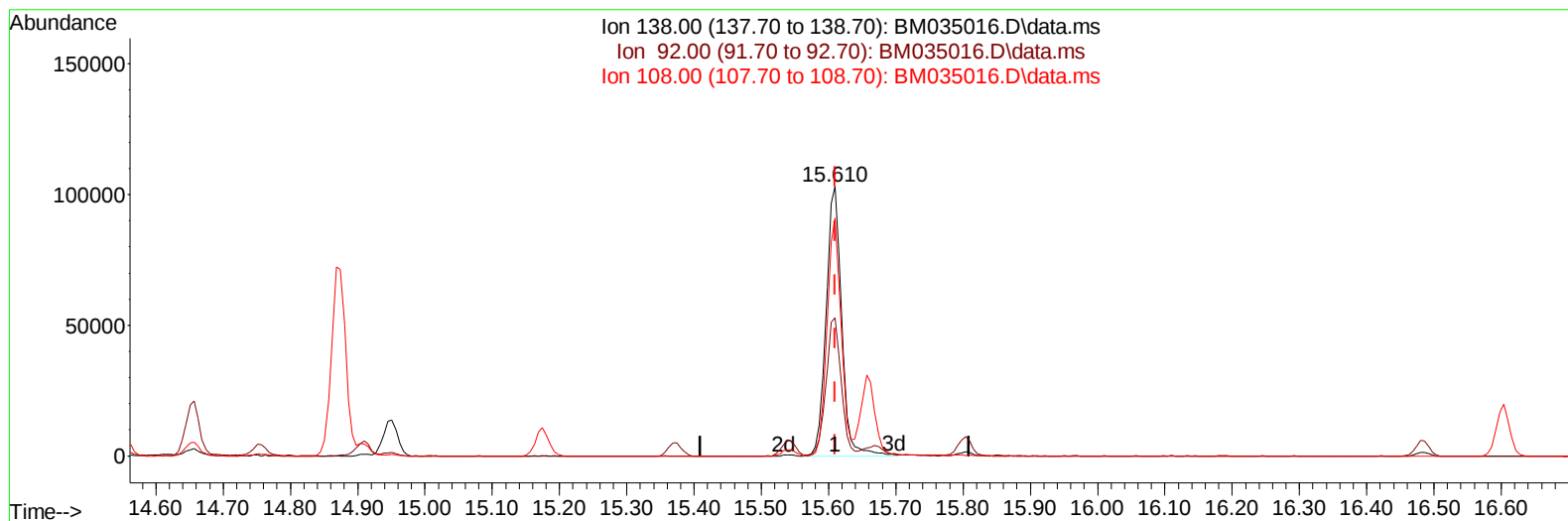
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM051122\  
 Data File : BM035016.D  
 Acq On : 12 May 2022 10:44  
 Operator : CG/JU  
 Sample : SSTDCCC020EC  
 Misc :  
 ALS Vial : 42 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 LabSampleId :  
 SSTDCCC020EC

Manual IntegrationsAPPROVED

Quant Time: May 13 04:38:45 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM051022.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue May 10 16:40:09 2022  
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 05/16/2022  
 Supervised By :Yogesh Patel 05/17/2022



TIC: BM035016.D\data.ms

**(63) 4-Nitroaniline**

**15.610min (+ 0.000) 23.74 ng/ul m**

**response 165398**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 138.00 | 100.00 | 100.00 |
| 92.00  | 46.50  | 51.31  |
| 108.00 | 73.00  | 88.38# |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM051122\  
 Data File : BM035016.D  
 Acq On : 12 May 2022 10:44  
 Operator : CG/JU  
 Sample : SSTDCCC020EC  
 Misc :  
 ALS Vial : 42 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 LabSampleId :  
 SSTDCCC020EC

Manual IntegrationsAPPROVED

Quant Time: May 13 04:38:45 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM051022.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue May 10 16:40:09 2022  
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 05/16/2022  
 Supervised By :Yogesh Patel 05/17/2022

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.916  | 152  | 195076   | 20.000 | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 10.722 | 136  | 893206   | 20.000 | ng/ul  | 0.00     |
| 38) Acenaphthene-d10          | 14.551 | 164  | 604027   | 20.000 | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.292 | 188  | 1283161  | 20.000 | ng/ul  | 0.00     |
| 79) Chrysene-d12              | 21.474 | 240  | 1154234  | 20.000 | ng/ul  | 0.00     |
| 88) Perylene-d12              | 23.856 | 264  | 1023735  | 20.000 | ng/ul  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.358  | 96   | 39556    | 8.483  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.775  | 84   | 264289   | 20.563 | ng/ul  | 0.00     |
| 7) Phenol-d5                  | 7.081  | 99   | 377249   | 22.354 | ng/ul  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.246  | 67   | 222093   | 20.967 | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.451  | 132  | 306601   | 23.120 | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.628  | 113  | 320476   | 23.292 | ng/ul  | 0.00     |
| 21) Nitrobenzene-d5           | 9.075  | 128  | 157376   | 22.988 | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.798  | 143  | 179589   | 24.322 | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.339 | 165  | 325720   | 23.571 | ng/ul  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.851 | 131  | 487080   | 24.756 | ng/ul  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.963 | 166  | 1009127  | 22.152 | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 14.245 | 160  | 1301214  | 22.511 | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.739 | 143  | 198306m  | 25.478 | ng/ul  | 0.00     |
| 60) Fluorene-d10              | 15.539 | 176  | 869587   | 22.627 | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.657 | 200  | 169614   | 20.977 | ng/ul  | 0.00     |
| 73) Anthracene-d10            | 17.392 | 188  | 1367132  | 21.899 | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.680 | 212  | 1515656  | 21.029 | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.703 | 264  | 1206574  | 22.551 | ng/ul  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.393  | 88   | 37890    | 8.161  | ng/uL  | 96       |
| 5) Pyridine                   | 3.793  | 79   | 277653   | 20.469 | ng/ul  | 99       |
| 6) Benzaldehyde               | 7.051  | 77   | 246825   | 26.206 | ng/ul  | 99       |
| 8) Phenol                     | 7.104  | 94   | 378032   | 22.503 | ng/ul  | 95       |
| 10) Bis(2-Chloroethyl)ether   | 7.340  | 93   | 288204   | 21.675 | ng/ul  | 100      |
| 12) 2-Chlorophenol            | 7.481  | 128  | 306080   | 22.631 | ng/ul  | 99       |
| 13) 2-Methylphenol            | 8.357  | 108  | 294345   | 23.117 | ng/ul  | 99       |
| 14) 2,2'-oxybis(1-Chloropr... | 8.451  | 45   | 439355   | 20.211 | ng/ul  | 100      |
| 16) Acetophenone              | 8.740  | 105  | 496446   | 23.245 | ng/ul  | 96       |
| 17) N-Nitroso-di-n-propyla... | 8.728  | 70   | 259547   | 22.785 | ng/ul  | 95       |
| 18) 4-Methylphenol            | 8.687  | 108  | 324261   | 23.309 | ng/ul  | 96       |
| 19) Hexachloroethane          | 9.004  | 117  | 125381   | 21.854 | ng/ul  | 98       |
| 22) Nitrobenzene              | 9.116  | 77   | 373786   | 22.003 | ng/ul  | 98       |
| 23) Isophorone                | 9.645  | 82   | 718463   | 23.018 | ng/ul  | 98       |
| 25) 2-Nitrophenol             | 9.834  | 139  | 188209   | 23.722 | ng/ul  | 95       |
| 26) 2,4-Dimethylphenol        | 9.892  | 107  | 376104   | 22.667 | ng/ul  | 99       |
| 27) Bis(2-Chloroethoxy)met... | 10.134 | 93   | 409359   | 21.157 | ng/ul  | 99       |
| 29) 2,4-Dichlorophenol        | 10.369 | 162  | 314457   | 23.390 | ng/ul  | 98       |
| 30) Naphthalene               | 10.769 | 128  | 1019125  | 21.718 | ng/ul  | 99       |
| 32) 4-Chloroaniline           | 10.875 | 127  | 481581   | 24.457 | ng/ul  | 100      |
| 33) Hexachlorobutadiene       | 11.069 | 225  | 187574   | 21.288 | ng/ul  | 98       |
| 34) Caprolactam               | 11.639 | 113  | 114064m  | 28.375 | ng/ul  |          |
| 35) 4-Chloro-3-methylphenol   | 12.004 | 107  | 355809   | 24.620 | ng/ul  | 99       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM051122\  
 Data File : BM035016.D  
 Acq On : 12 May 2022 10:44  
 Operator : CG/JU  
 Sample : SSTDCCC020EC  
 Misc :  
 ALS Vial : 42 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 LabSampleId :  
 SSTDCCC020EC

Manual IntegrationsAPPROVED

Quant Time: May 13 04:38:45 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM051022.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue May 10 16:40:09 2022  
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 05/16/2022  
 Supervised By :Yogesh Patel 05/17/2022

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 36) 2-Methylnaphthalene       | 12.380 | 142  | 734819   | 22.648 | ng/ul  | 99       |
| 37) 1-Methylnaphthalene       | 12.598 | 142  | 745103   | 22.711 | ng/ul  | 98       |
| 39) 1,2,4,5-Tetrachloroben... | 12.751 | 216  | 376048   | 21.168 | ng/ul  | 97       |
| 40) Hexachlorocyclopentadiene | 12.733 | 237  | 199082   | 16.158 | ng/ul  | 98       |
| 41) 2,4,6-Trichlorophenol     | 12.986 | 196  | 260614   | 23.043 | ng/ul  | 98       |
| 42) 2,4,5-Trichlorophenol     | 13.057 | 196  | 284460   | 23.478 | ng/ul  | 99       |
| 43) 1,1'-Biphenyl             | 13.386 | 154  | 1003254  | 20.906 | ng/ul  | 99       |
| 44) 2-Chloronaphthalene       | 13.427 | 162  | 775020   | 21.207 | ng/ul  | 98       |
| 45) 2-Nitroaniline            | 13.627 | 65   | 248466   | 23.949 | ng/ul  | 97       |
| 47) Dimethylphthalate         | 14.010 | 163  | 996792   | 22.147 | ng/ul  | 100      |
| 48) 2,6-Dinitrotoluene        | 14.122 | 165  | 213709   | 25.000 | ng/ul  | 91       |
| 50) Acenaphthylene            | 14.274 | 152  | 1293885  | 22.281 | ng/ul  | 98       |
| 51) 3-Nitroaniline            | 14.451 | 138  | 173683   | 22.189 | ng/ul# | 95       |
| 52) Acenaphthene              | 14.616 | 153  | 838572   | 21.605 | ng/ul  | 100      |
| 53) 2,4-Dinitrophenol         | 14.657 | 184  | 112844   | 22.629 | ng/ul  | 94       |
| 55) 4-Nitrophenol             | 14.757 | 109  | 173107   | 25.292 | ng/ul  | 96       |
| 56) Dibenzofuran              | 14.951 | 168  | 1174446  | 21.970 | ng/ul  | 96       |
| 57) 2,4-Dinitrotoluene        | 14.910 | 165  | 312160   | 25.888 | ng/ul  | 93       |
| 58) 2,3,4,6-Tetrachlorophenol | 15.174 | 232  | 236718   | 24.918 | ng/ul  | 98       |
| 59) Diethylphthalate          | 15.374 | 149  | 1039929  | 22.559 | ng/ul  | 99       |
| 61) Fluorene                  | 15.598 | 166  | 983635   | 22.493 | ng/ul  | 98       |
| 62) 4-Chlorophenyl-phenyle... | 15.592 | 204  | 470039   | 22.129 | ng/ul  | 99       |
| 63) 4-Nitroaniline            | 15.610 | 138  | 165398m  | 23.740 | ng/ul  |          |
| 66) 4,6-Dinitro-2-methylph... | 15.674 | 198  | 163389   | 20.408 | ng/ul# | 98       |
| 67) N-Nitrosodiphenylamine    | 15.804 | 169  | 845081   | 20.456 | ng/ul  | 99       |
| 68) 4-Bromophenyl-phenylether | 16.486 | 248  | 275422   | 20.641 | ng/ul  | 97       |
| 69) Hexachlorobenzene         | 16.604 | 284  | 318565   | 21.100 | ng/ul  | 97       |
| 70) Atrazine                  | 16.757 | 200  | 317790   | 21.641 | ng/ul  | 99       |
| 71) Pentachlorophenol         | 16.945 | 266  | 204376   | 21.808 | ng/ul  | 97       |
| 72) Phenanthrene              | 17.333 | 178  | 1549199  | 21.465 | ng/ul  | 100      |
| 74) Anthracene                | 17.427 | 178  | 1588701  | 21.763 | ng/ul  | 100      |
| 75) 1,2,3,4-Tetrachloroben... | 13.357 | 216  | 387797   | 18.886 | ng/uL  | 98       |
| 76) Pentachlorobenzene        | 14.874 | 250  | 367542   | 19.541 | ng/uL  | 99       |
| 77) Carbazole                 | 17.692 | 167  | 1457712  | 22.714 | ng/ul  | 99       |
| 78) Di-n-butylphthalate       | 18.262 | 149  | 1762813  | 22.150 | ng/ul  | 99       |
| 80) Fluoranthene              | 19.345 | 202  | 1791966  | 20.682 | ng/ul# | 96       |
| 82) Pyrene                    | 19.709 | 202  | 1842722  | 20.827 | ng/ul  | 99       |
| 83) Butylbenzylphthalate      | 20.609 | 149  | 832293   | 23.514 | ng/ul  | 97       |
| 84) 3,3'-Dichlorobenzidine    | 21.386 | 252  | 461528   | 21.190 | ng/ul  | 100      |
| 85) Benzo(a)anthracene        | 21.456 | 228  | 1662765  | 22.173 | ng/ul  | 99       |
| 86) Bis(2-ethylhexyl)phtha... | 21.392 | 149  | 1197750  | 22.837 | ng/ul  | 99       |
| 87) Chrysene                  | 21.509 | 228  | 1596655  | 21.864 | ng/ul  | 99       |
| 89) Di-n-octyl phthalate      | 22.315 | 149  | 1972754  | 23.148 | ng/ul  | 100      |
| 90) Benzo(b)fluoranthene      | 23.133 | 252  | 1553131  | 22.586 | ng/ul  | 100      |
| 91) Benzo(k)fluoranthene      | 23.180 | 252  | 1435659  | 21.925 | ng/ul  | 99       |
| 93) Benzo(a)pyrene            | 23.750 | 252  | 1442965  | 22.011 | ng/ul# | 96       |
| 94) Indeno(1,2,3-cd)pyrene    | 26.327 | 276  | 1569153  | 20.924 | ng/ul# | 95       |
| 95) Dibenzo(a,h)anthracene    | 26.344 | 278  | 1337647  | 20.806 | ng/ul# | 96       |
| 96) Benzo(g,h,i)perylene      | 27.085 | 276  | 1284432  | 20.619 | ng/ul# | 94       |

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

**Instrument :**

BNA\_M

**LabSampleId :**

SSTDCCC020EC

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 05/16/2022  
Supervised By :Yogesh Patel 05/17/2022

**Instrument :**  
BNA\_M  
**LabSampleId :**  
SSTDCCC020EC

## Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay    05/16/2022  
Supervised By :Yogesh Patel    05/17/2022

