

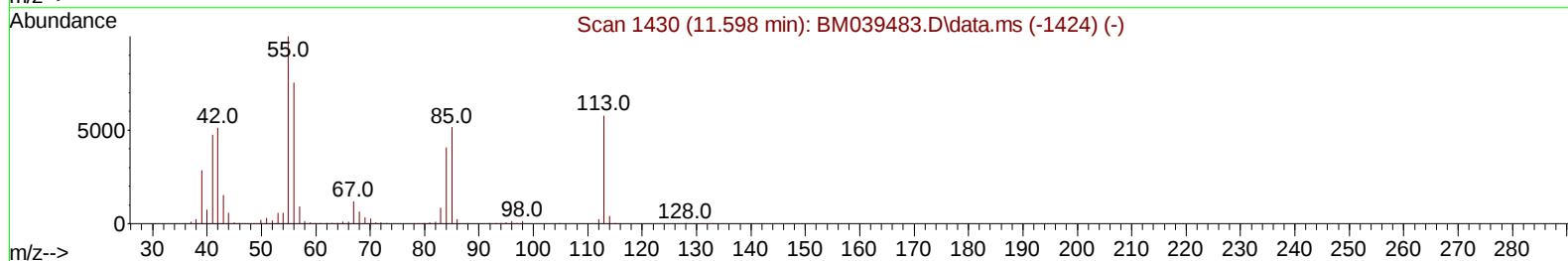
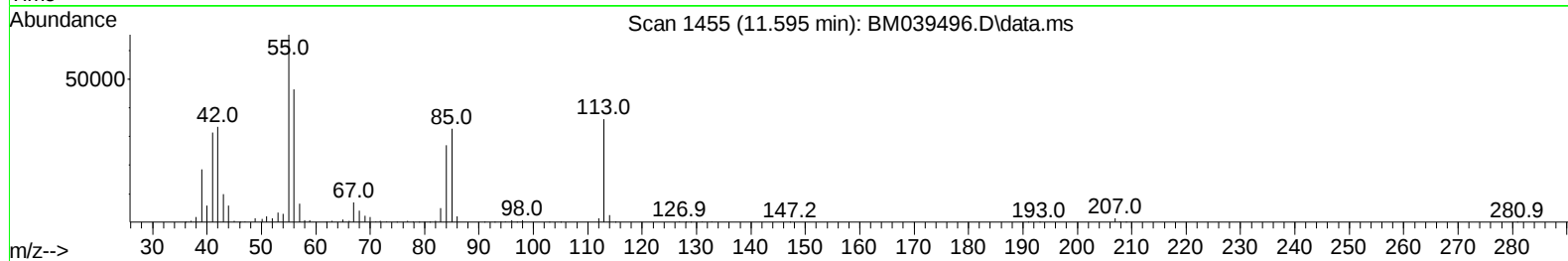
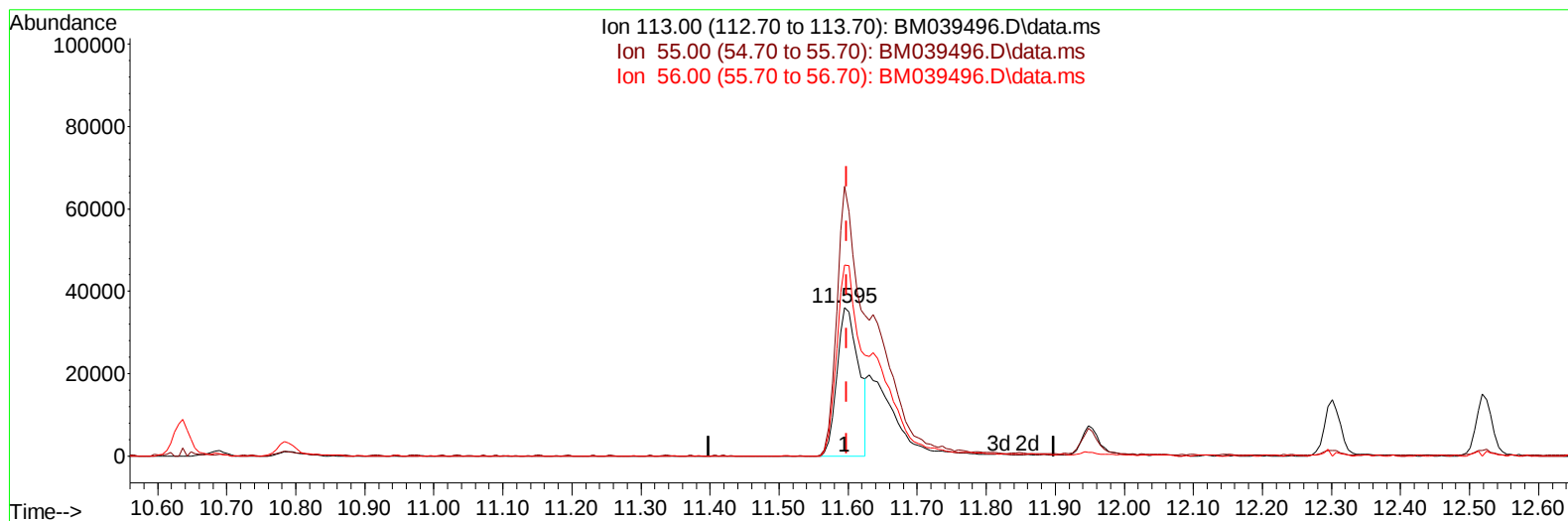
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM041823\  
 Data File : BM039496.D  
 Acq On : 19 Apr 2023 15:29  
 Operator : CG/JU  
 Sample : SSTDCCC020  
 Misc :  
 ALS Vial : 48 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 LabSampleId :  
 SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: Apr 19 22:54:26 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM041823.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Apr 19 08:18:41 2023  
 Response via : Initial Calibration

Reviewed By :Christian Giraldo 04/20/2023  
 Supervised By :Jagrut Upadhyay 04/20/2023



TIC: BM039496.D\data.ms

**(34) Caprolactam**

**11.595min (-0.003) 12.12 ng/ul**

**response 79419**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 113.00 | 100.00 | 100.00 |
| 55.00  | 181.90 | 181.34 |
| 56.00  | 129.90 | 128.32 |
| 0.00   | 0.00   | 0.00   |

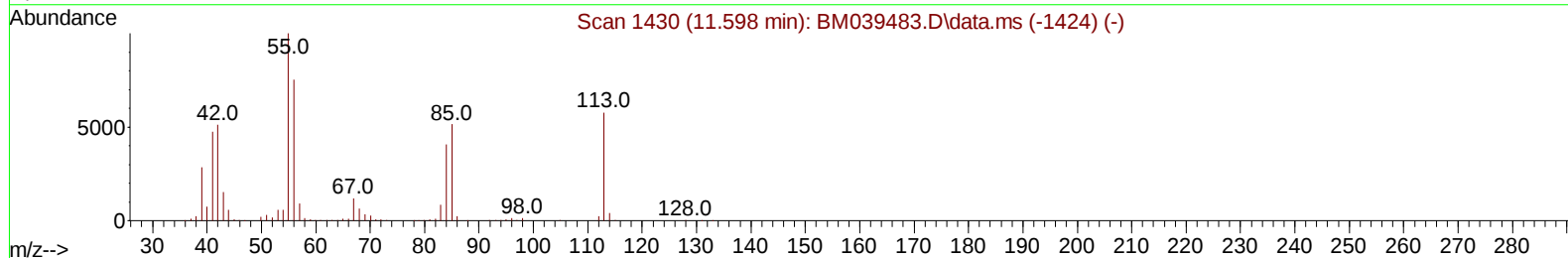
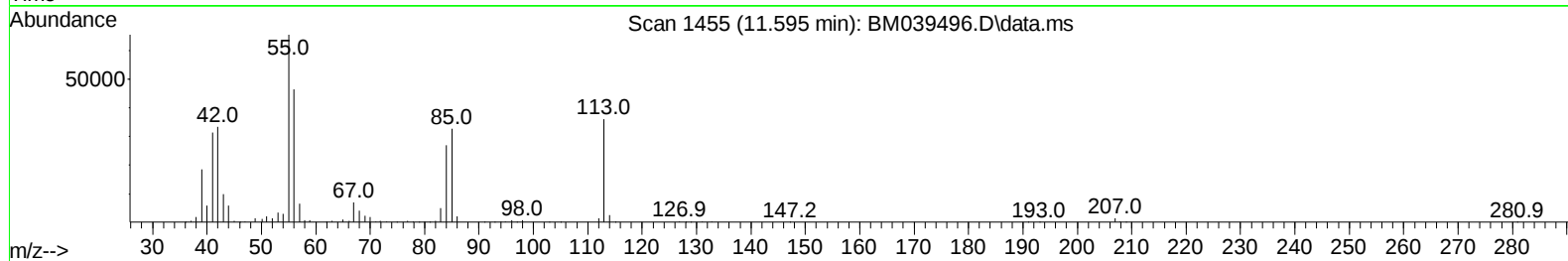
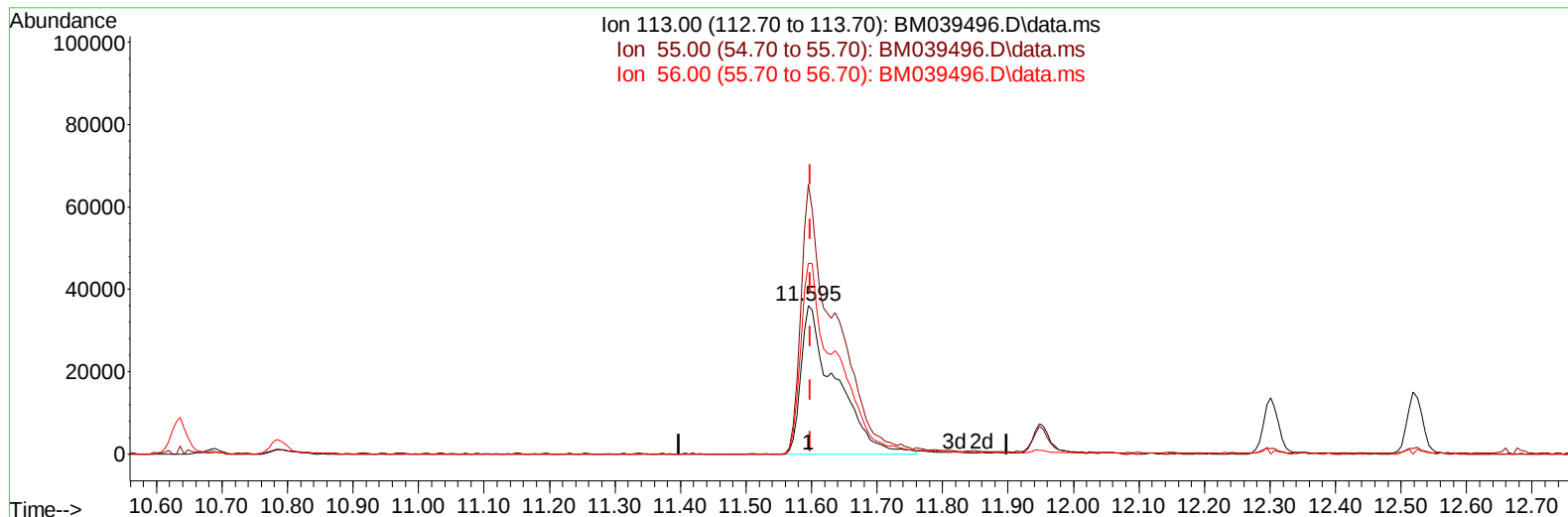
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM041823\  
Data File : BM039496.D  
Acq On : 19 Apr 2023 15:29  
Operator : CG/JU  
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ALS Vial : 48 Sample Multiplier: 1

Instrument :  
BNA\_M  
LabSampleId :  
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Manual IntegrationsAPPROVED

Quant Time: Apr 19 22:54:26 2023  
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Reviewed By :Christian Giraldo 04/20/2023  
Supervised By :Jagrut Upadhyay 04/20/2023



TIC: BM039496.D\data.ms

(34) Caprolactam

11.595min (-0.003) 20.26 ng/ul m

response 132694

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 113.00 | 100.00 | 100.00 |
| 55.00  | 181.90 | 181.34 |
| 56.00  | 129.90 | 128.32 |
| 0.00   | 0.00   | 0.00   |

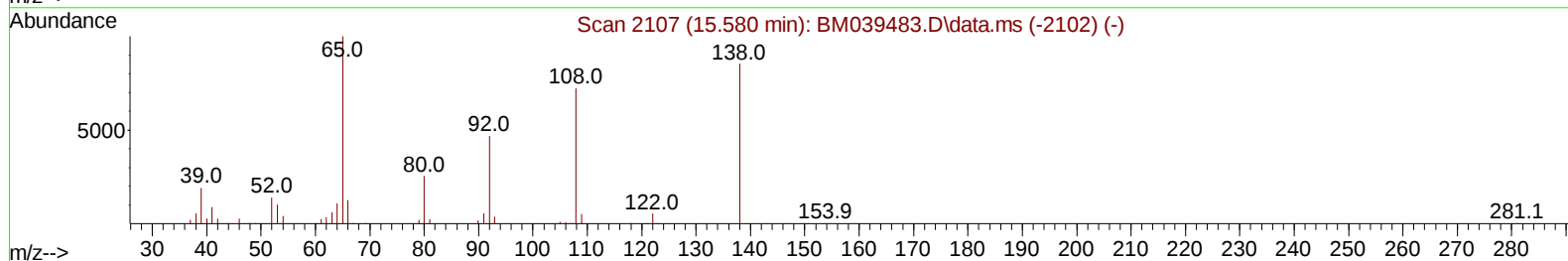
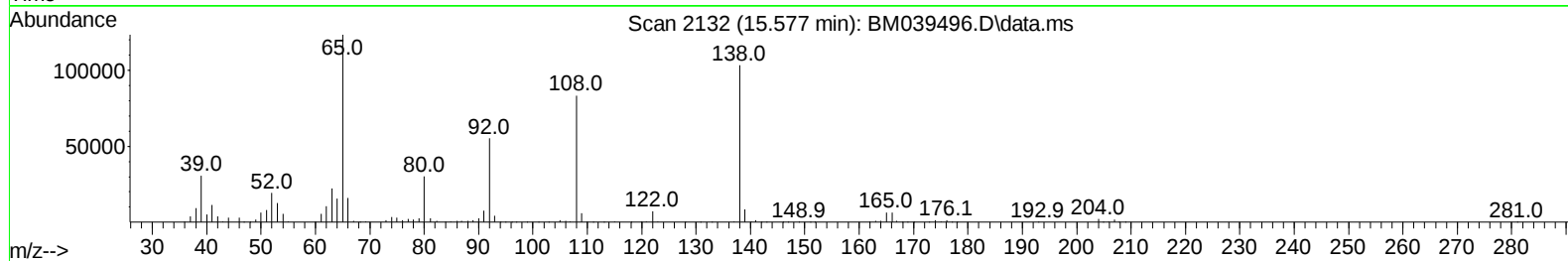
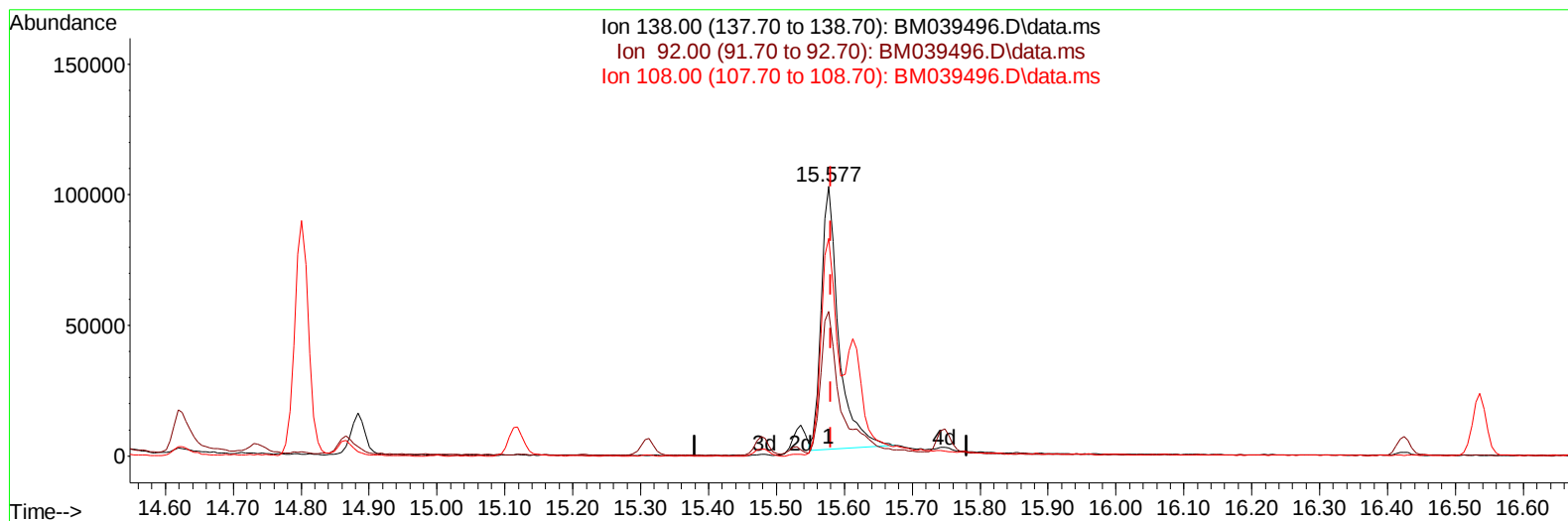
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM041823\  
Data File : BM039496.D  
Acq On : 19 Apr 2023 15:29  
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Misc :  
ALS Vial : 48 Sample Multiplier: 1

Instrument :  
BNA\_M  
LabSampleId :  
SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: Apr 19 23:36:21 2023  
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Reviewed By :Christian Giraldo 04/20/2023  
Supervised By :Jagrut Upadhyay 04/20/2023



TIC: BM039496.D\data.ms

**(63) 4-Nitroaniline**

**15.577min (-0.003) 21.11 ng/ul**

**response 180478**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 138.00 | 100.00 | 100.00 |
| 92.00  | 55.10  | 53.54  |
| 108.00 | 80.80  | 80.76  |
| 0.00   | 0.00   | 0.00   |

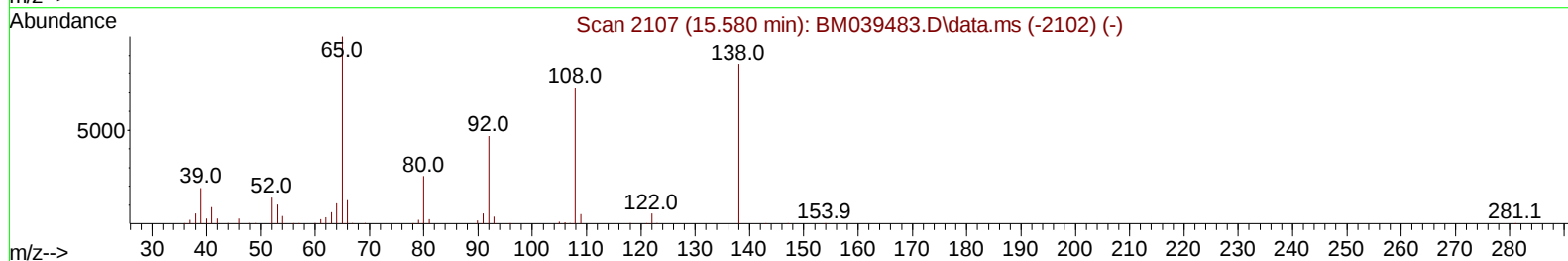
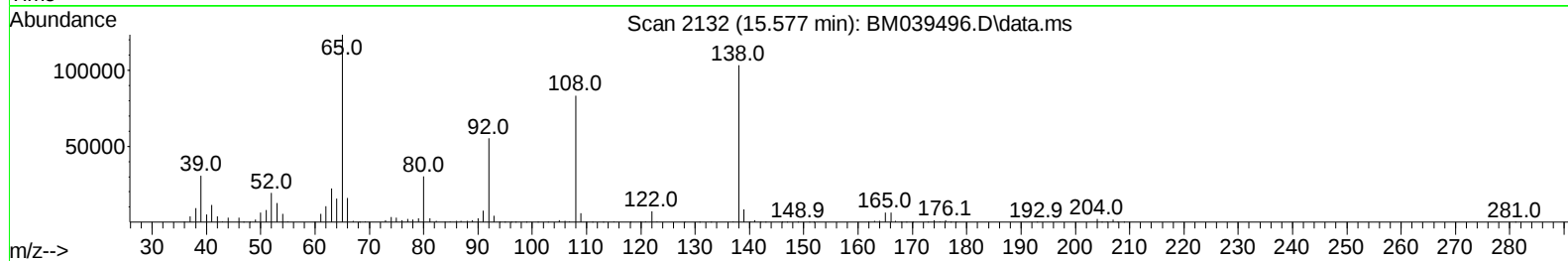
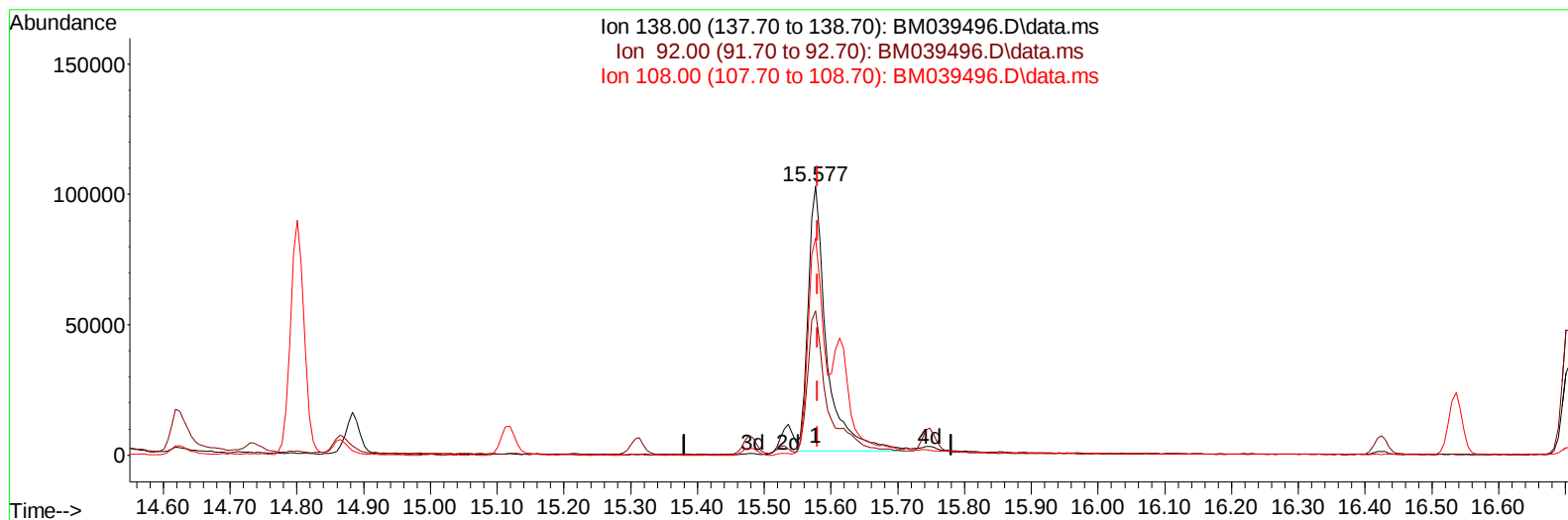
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM041823\  
Data File : BM039496.D  
Acq On : 19 Apr 2023 15:29  
Operator : CG/JU  
Sample : SSTDCCC020  
Misc :  
ALS Vial : 48 Sample Multiplier: 1

Instrument :  
BNA\_M  
LabSampleId :  
SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: Apr 19 23:36:21 2023  
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QLast Update : Wed Apr 19 08:18:41 2023  
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Reviewed By :Christian Giraldo 04/20/2023  
Supervised By :Jagrut Upadhyay 04/20/2023



TIC: BM039496.D\data.ms

**(63) 4-Nitroaniline**

**15.577min (-0.003) 22.89 ng/ul m**

**response 195669**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 138.00 | 100.00 | 100.00 |
| 92.00  | 55.10  | 53.54  |
| 108.00 | 80.80  | 80.76  |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM041823\  
 Data File : BM039496.D  
 Acq On : 19 Apr 2023 15:29  
 Operator : CG/JU  
 Sample : SSTDCCC020  
 Misc :  
 ALS Vial : 48 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 LabSampleId :  
 SSTDCCC020

Manual IntegrationsAPPROVED

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Reviewed By :Christian Giraldo 04/20/2023  
 Supervised By :Jagrut Upadhyay 04/20/2023

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.825  | 152  | 242718   | 20.000 | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 10.636 | 136  | 1148758  | 20.000 | ng/ul  | 0.00     |
| 38) Acenaphthene-d10          | 14.483 | 164  | 736449   | 20.000 | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.236 | 188  | 1573289  | 20.000 | ng/ul  | 0.00     |
| 79) Chrysene-d12              | 21.430 | 240  | 1375938  | 20.000 | ng/ul  | 0.00     |
| 88) Perylene-d12              | 23.794 | 264  | 1323437  | 20.000 | ng/ul  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.213  | 96   | 53492    | 8.459  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.643  | 84   | 367153   | 20.664 | ng/ul  | 0.00     |
| 7) Phenol-d5                  | 7.013  | 99   | 456425   | 20.546 | ng/ul  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.160  | 67   | 317147   | 21.599 | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.360  | 132  | 371766   | 21.334 | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.560  | 113  | 376533   | 21.042 | ng/ul  | 0.00     |
| 21) Nitrobenzene-d5           | 9.001  | 128  | 193534   | 20.941 | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.725  | 143  | 219803   | 21.180 | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.266 | 165  | 385460   | 21.586 | ng/ul  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.789 | 131  | 552273   | 20.708 | ng/ul  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.901 | 166  | 1251266  | 21.067 | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 14.177 | 160  | 1413228  | 21.180 | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.718 | 143  | 174867   | 19.454 | ng/ul  | 0.00     |
| 60) Fluorene-d10              | 15.477 | 176  | 1026933  | 21.104 | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.613 | 200  | 209030   | 19.993 | ng/ul  | 0.00     |
| 73) Anthracene-d10            | 17.336 | 188  | 1588799  | 20.999 | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.636 | 212  | 1832797  | 20.046 | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.641 | 264  | 1491923  | 20.880 | ng/ul  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.249  | 88   | 58416    | 8.442  | ng/uL  | 97       |
| 5) Pyridine                   | 3.660  | 79   | 380820   | 20.327 | ng/ul  | 98       |
| 6) Benzaldehyde               | 6.972  | 77   | 248544   | 26.187 | ng/ul  | 99       |
| 8) Phenol                     | 7.037  | 94   | 484349   | 20.941 | ng/ul  | 99       |
| 10) Bis(2-Chloroethyl)ether   | 7.254  | 93   | 411212   | 21.324 | ng/ul  | 99       |
| 12) 2-Chlorophenol            | 7.395  | 128  | 371923   | 21.210 | ng/ul  | 99       |
| 13) 2-Methylphenol            | 8.289  | 108  | 374187   | 20.829 | ng/ul  | 99       |
| 14) 2,2'-oxybis(1-Chloropr... | 8.366  | 45   | 596820   | 22.283 | ng/ul  | 99       |
| 16) Acetophenone              | 8.660  | 105  | 651196   | 22.155 | ng/ul  | 98       |
| 17) N-Nitroso-di-n-propyla... | 8.642  | 70   | 361107   | 22.197 | ng/ul  | 96       |
| 18) 4-Methylphenol            | 8.625  | 108  | 420903   | 21.701 | ng/ul  | 98       |
| 19) Hexachloroethane          | 8.901  | 117  | 166615   | 20.921 | ng/ul  | 97       |
| 22) Nitrobenzene              | 9.042  | 77   | 491369   | 21.533 | ng/ul  | 96       |
| 23) Isophorone                | 9.566  | 82   | 1037960  | 21.331 | ng/ul  | 98       |
| 25) 2-Nitrophenol             | 9.754  | 139  | 226971   | 20.961 | ng/ul  | 97       |
| 26) 2,4-Dimethylphenol        | 9.825  | 107  | 474613   | 21.449 | ng/ul  | 99       |
| 27) Bis(2-Chloroethoxy)met... | 10.054 | 93   | 615180   | 21.499 | ng/ul  | 99       |
| 29) 2,4-Dichlorophenol        | 10.295 | 162  | 381774   | 21.704 | ng/ul  | 99       |
| 30) Naphthalene               | 10.683 | 128  | 1334901  | 21.002 | ng/ul  | 100      |
| 32) 4-Chloroaniline           | 10.813 | 127  | 545777   | 20.769 | ng/ul  | 99       |
| 33) Hexachlorobutadiene       | 10.960 | 225  | 240845   | 20.780 | ng/ul  | 99       |
| 34) Caprolactam               | 11.595 | 113  | 132694m  | 20.258 | ng/ul  |          |
| 35) 4-Chloro-3-methylphenol   | 11.948 | 107  | 440443   | 21.446 | ng/ul  | 98       |

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 Sample : SSTDCCC020  
 Misc :  
 ALS Vial : 48 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 LabSampleId :  
 SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: Apr 19 23:37:13 2023  
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| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 36) 2-Methylnaphthalene       | 12.301 | 142  | 902714   | 21.186 | ng/ul | 98       |
| 37) 1-Methylnaphthalene       | 12.519 | 142  | 908537   | 21.218 | ng/ul | 98       |
| 39) 1,2,4,5-Tetrachloroben... | 12.672 | 216  | 460731   | 20.842 | ng/ul | 98       |
| 40) Hexachlorocyclopentadiene | 12.642 | 237  | 234195   | 17.782 | ng/ul | 99       |
| 41) 2,4,6-Trichlorophenol     | 12.924 | 196  | 312426   | 21.156 | ng/ul | 99       |
| 42) 2,4,5-Trichlorophenol     | 13.001 | 196  | 325233   | 21.190 | ng/ul | 99       |
| 43) 1,1'-Biphenyl             | 13.319 | 154  | 1225189  | 21.527 | ng/ul | 100      |
| 44) 2-Chloronaphthalene       | 13.360 | 162  | 947150   | 21.215 | ng/ul | 100      |
| 45) 2-Nitroaniline            | 13.577 | 65   | 290023   | 22.511 | ng/ul | 98       |
| 47) Dimethylphthalate         | 13.948 | 163  | 1237530  | 21.045 | ng/ul | 100      |
| 48) 2,6-Dinitrotoluene        | 14.077 | 165  | 252346   | 21.218 | ng/ul | 98       |
| 50) Acenaphthylene            | 14.207 | 152  | 1531549  | 21.458 | ng/ul | 100      |
| 51) 3-Nitroaniline            | 14.407 | 138  | 230284   | 20.658 | ng/ul | 98       |
| 52) Acenaphthene              | 14.548 | 153  | 1046375  | 21.293 | ng/ul | 99       |
| 53) 2,4-Dinitrophenol         | 14.624 | 184  | 106359   | 16.800 | ng/ul | 98       |
| 55) 4-Nitrophenol             | 14.736 | 109  | 138285   | 20.254 | ng/ul | 97       |
| 56) Dibenzofuran              | 14.883 | 168  | 1441329  | 21.579 | ng/ul | 100      |
| 57) 2,4-Dinitrotoluene        | 14.866 | 165  | 357312   | 21.622 | ng/ul | 97       |
| 58) 2,3,4,6-Tetrachlorophenol | 15.118 | 232  | 292870   | 21.317 | ng/ul | 99       |
| 59) Diethylphthalate          | 15.313 | 149  | 1291637  | 21.189 | ng/ul | 99       |
| 61) Fluorene                  | 15.536 | 166  | 1194485  | 21.619 | ng/ul | 99       |
| 62) 4-Chlorophenyl-phenyle... | 15.530 | 204  | 589728   | 21.534 | ng/ul | 97       |
| 63) 4-Nitroaniline            | 15.577 | 138  | 195669m  | 22.890 | ng/ul |          |
| 66) 4,6-Dinitro-2-methylph... | 15.630 | 198  | 199368   | 19.834 | ng/ul | 94       |
| 67) N-Nitrosodiphenylamine    | 15.748 | 169  | 984853   | 21.010 | ng/ul | 100      |
| 68) 4-Bromophenyl-phenylether | 16.424 | 248  | 349185   | 20.549 | ng/ul | 98       |
| 69) Hexachlorobenzene         | 16.536 | 284  | 404522   | 20.722 | ng/ul | 97       |
| 70) Atrazine                  | 16.707 | 200  | 367970   | 21.156 | ng/ul | 99       |
| 71) Pentachlorophenol         | 16.895 | 266  | 220531   | 19.325 | ng/ul | 98       |
| 72) Phenanthrene              | 17.277 | 178  | 1828545  | 20.935 | ng/ul | 100      |
| 74) Anthracene                | 17.371 | 178  | 1854857  | 21.168 | ng/ul | 100      |
| 75) 1,2,3,4-Tetrachloroben... | 13.283 | 216  | 484737   | 20.688 | ng/uL | 99       |
| 76) Pentachlorobenzene        | 14.801 | 250  | 487537   | 21.139 | ng/uL | 100      |
| 77) Carbazole                 | 17.648 | 167  | 1647660  | 21.161 | ng/ul | 100      |
| 78) Di-n-butylphthalate       | 18.206 | 149  | 2279425  | 20.697 | ng/ul | 99       |
| 80) Fluoranthene              | 19.301 | 202  | 2125459  | 19.833 | ng/ul | 98       |
| 82) Pyrene                    | 19.665 | 202  | 2248964  | 20.272 | ng/ul | 97       |
| 83) Butylbenzylphthalate      | 20.565 | 149  | 1039433  | 19.849 | ng/ul | 99       |
| 84) 3,3'-Dichlorobenzidine    | 21.353 | 252  | 670540   | 21.976 | ng/ul | 98       |
| 85) Benzo(a)anthracene        | 21.412 | 228  | 2076425  | 20.864 | ng/ul | 99       |
| 86) Bis(2-ethylhexyl)phtha... | 21.336 | 149  | 1586848  | 20.376 | ng/ul | 100      |
| 87) Chrysene                  | 21.465 | 228  | 1986644  | 20.928 | ng/ul | 100      |
| 89) Di-n-octyl phthalate      | 22.253 | 149  | 2658974  | 19.996 | ng/ul | 100      |
| 90) Benzo(b)fluoranthene      | 23.077 | 252  | 1935905  | 20.789 | ng/ul | 100      |
| 91) Benzo(k)fluoranthene      | 23.124 | 252  | 1924252  | 21.041 | ng/ul | 100      |
| 93) Benzo(a)pyrene            | 23.694 | 252  | 1646355  | 20.975 | ng/ul | 100      |
| 94) Indeno(1,2,3-cd)pyrene    | 26.247 | 276  | 1821865  | 21.102 | ng/ul | 99       |
| 95) Dibenzo(a,h)anthracene    | 26.265 | 278  | 1523013  | 21.276 | ng/ul | 99       |
| 96) Benzo(g,h,i)perylene      | 27.000 | 276  | 1421137  | 20.663 | ng/ul | 99       |

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

**Instrument :**

BNA\_M

**LabSampleId :**

SSTDCCC020

**Manual IntegrationsAPPROVED**

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