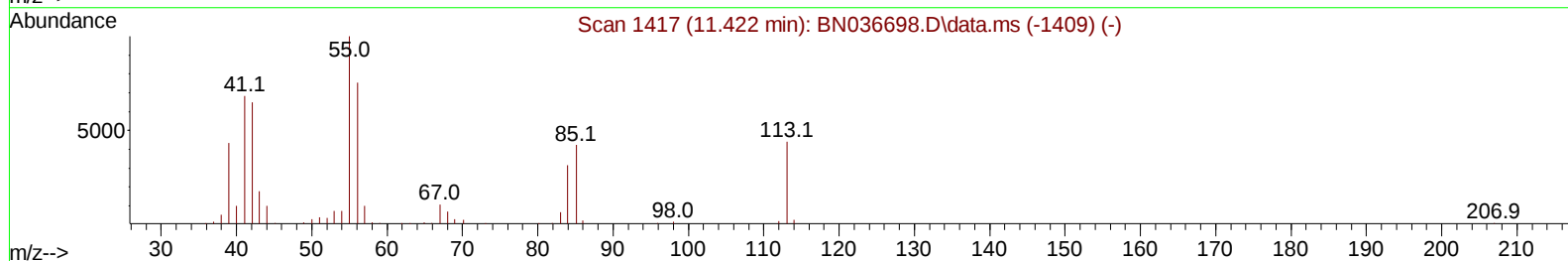
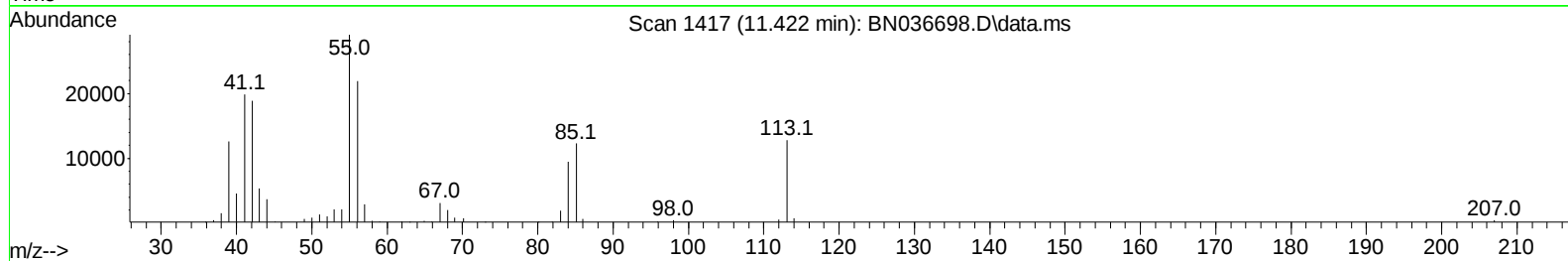
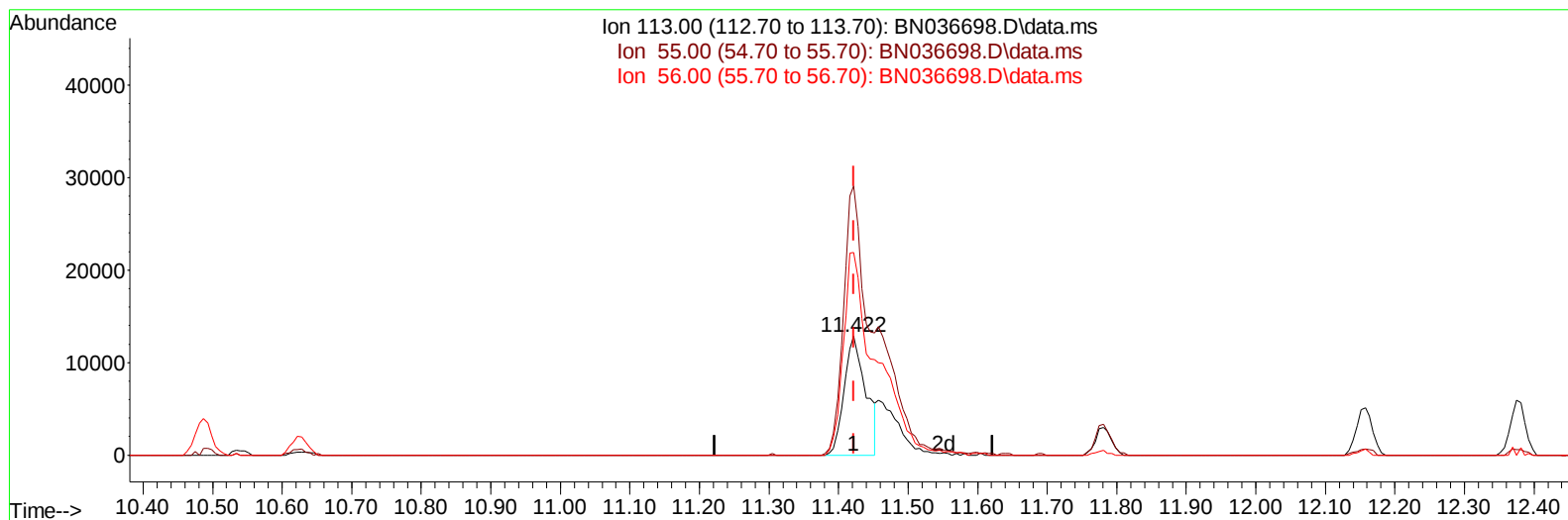


Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN032125\  
Data File : BN036698.D  
Acq On : 21 Mar 2025 09:37  
Operator : RC/JU  
Sample : SSTDCCC020  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 21 13:04:43 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN022825.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Thu Mar 20 13:16:23 2025  
Response via : Initial Calibration



TIC: BN036698.D\data.ms

**(34) Caprolactam**

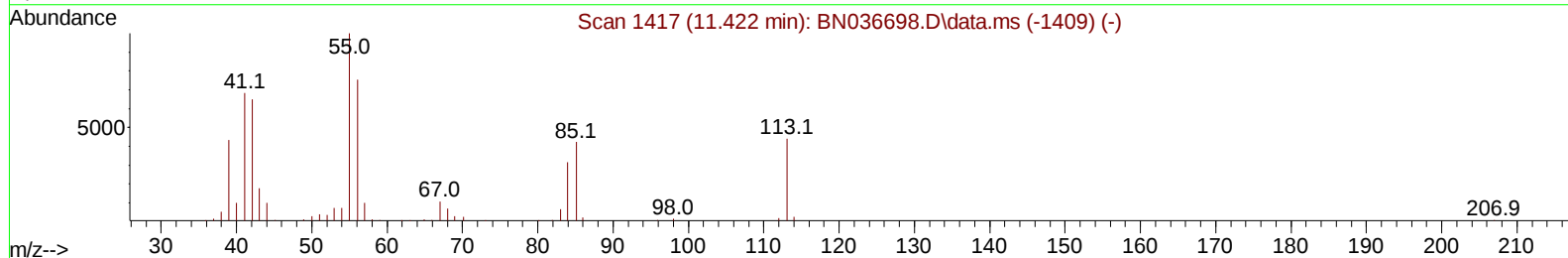
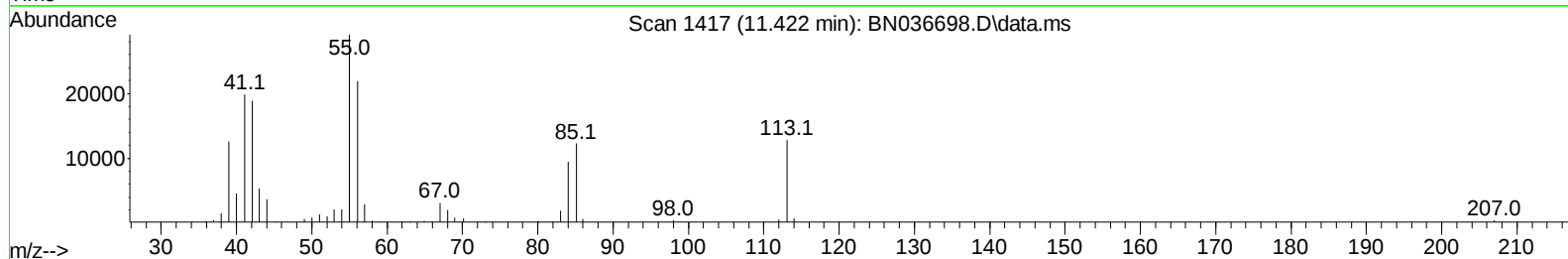
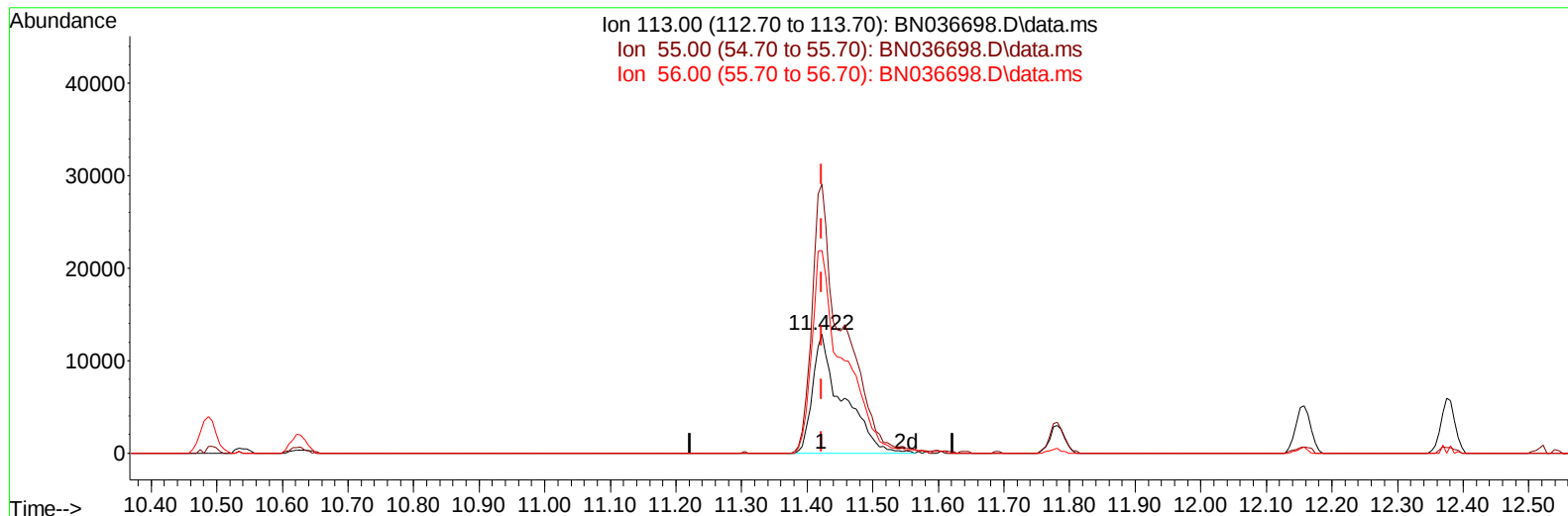
**11.422min (-0.000) 13.11 ng/ul**

**response 27859**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 113.00 | 100.00 | 100.00 |
| 55.00  | 228.50 | 226.25 |
| 56.00  | 171.60 | 170.54 |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN032125\  
Data File : BN036698.D  
Acq On : 21 Mar 2025 09:37  
Operator : RC/JU  
Sample : SSTDCCC020  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 21 13:04:43 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN022825.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Thu Mar 20 13:16:23 2025  
Response via : Initial Calibration



TIC: BN036698.D\data.ms

**(34) Caprolactam**

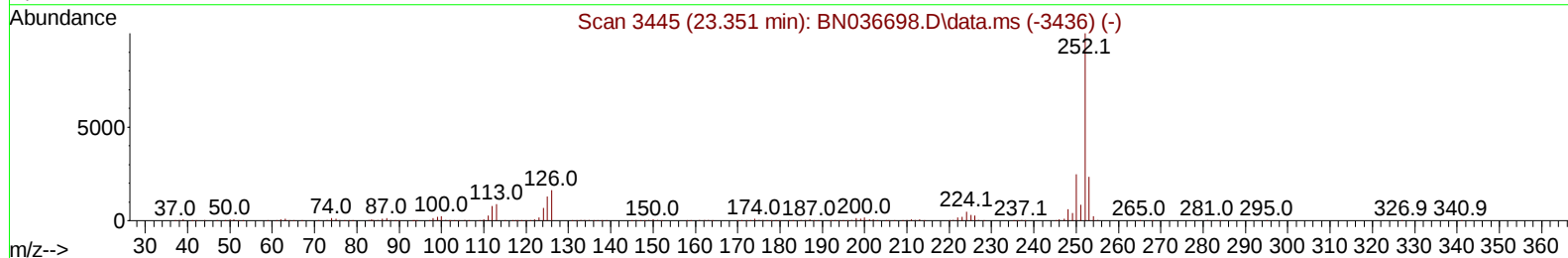
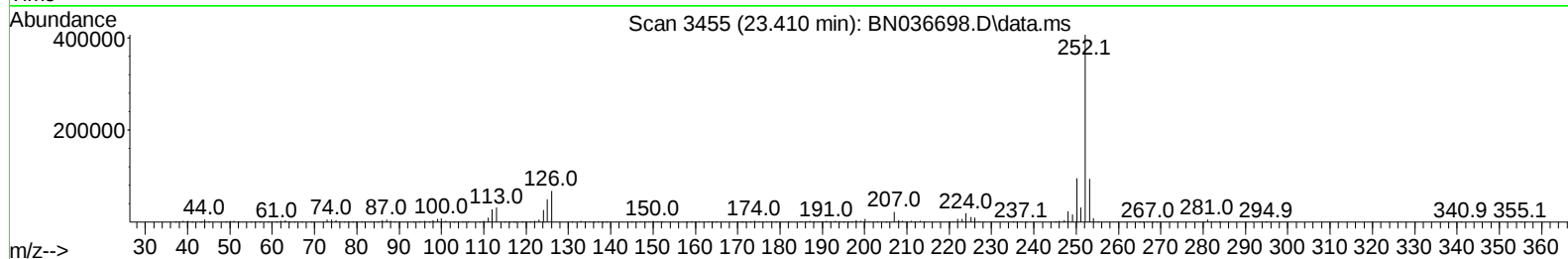
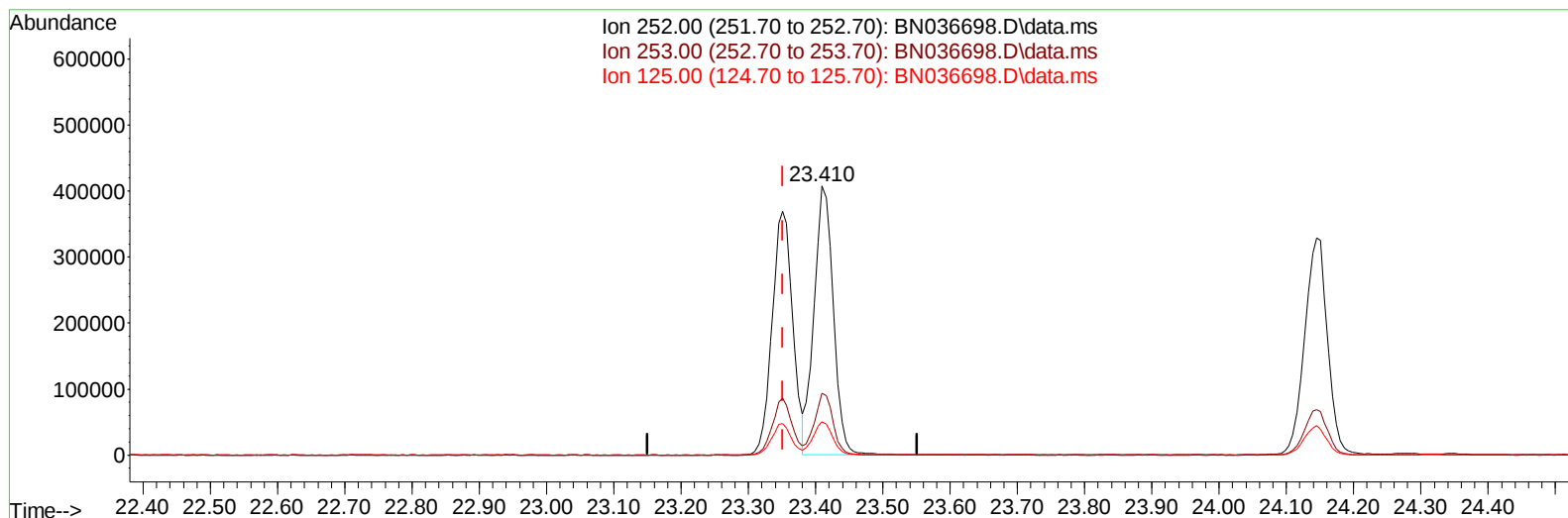
**11.422min (-0.000) 19.26 ng/ul m**

**response 40935**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 113.00 | 100.00 | 100.00 |
| 55.00  | 228.50 | 226.25 |
| 56.00  | 171.60 | 170.54 |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN032125\  
Data File : BN036698.D  
Acq On : 21 Mar 2025 09:37  
Operator : RC/JU  
Sample : SSTDCCC020  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 21 13:04:43 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN022825.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Thu Mar 20 13:16:23 2025  
Response via : Initial Calibration



TIC: BN036698.D\data.ms

**(90) Benzo(b)fluoranthene**

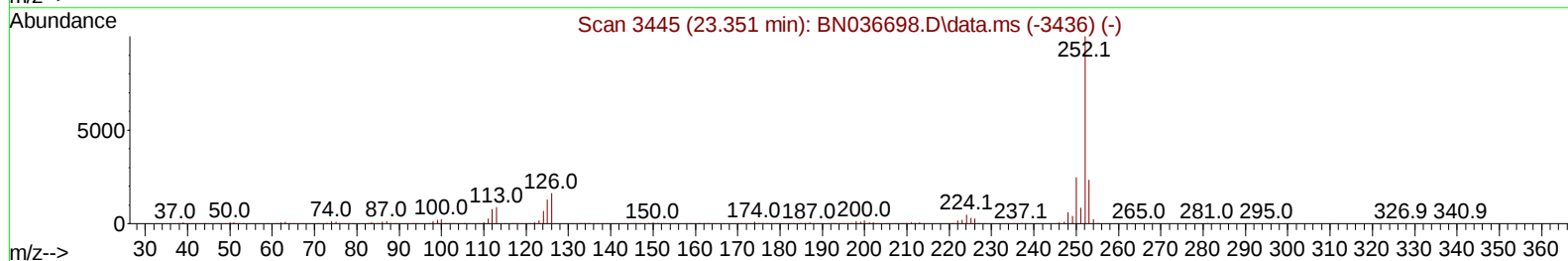
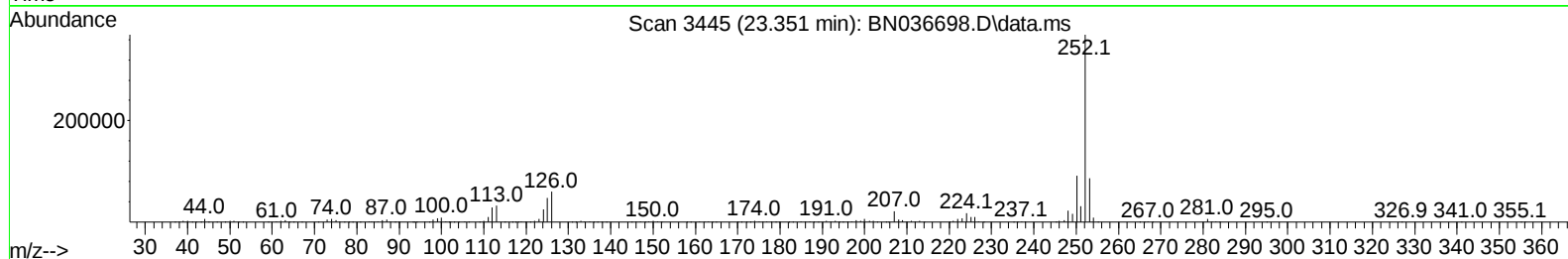
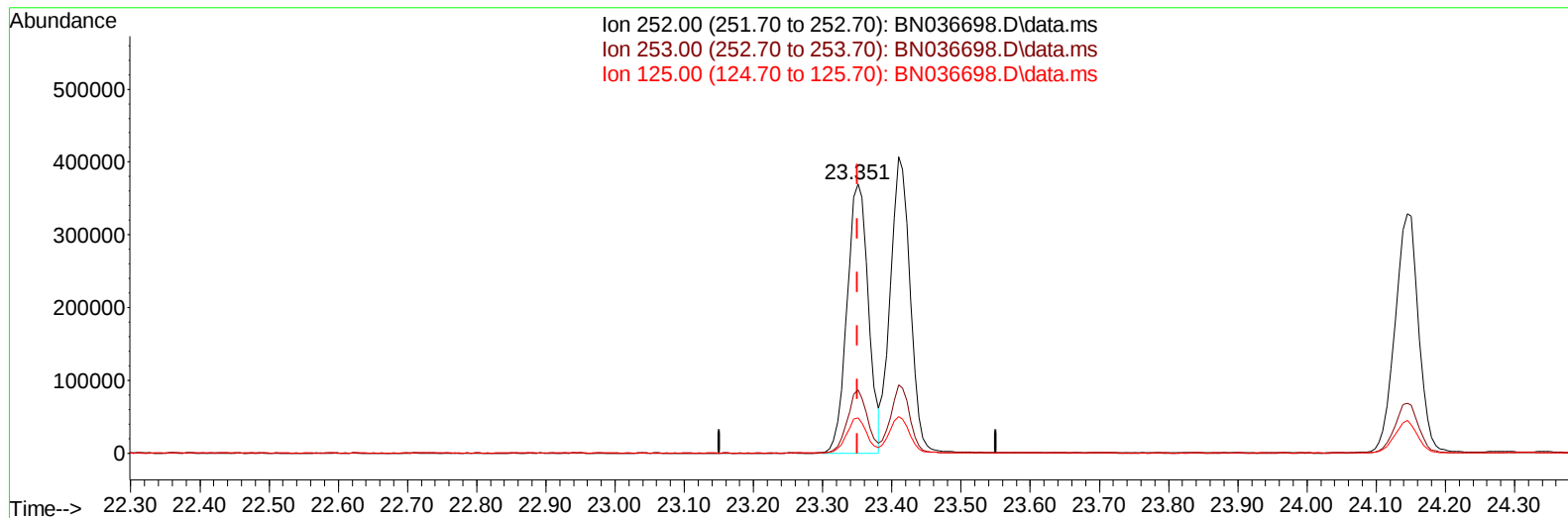
23.410min (+ 0.059) 20.83 ng/u1

response 805889

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 21.30  | 23.03  |
| 125.00 | 12.20  | 12.38  |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN032125\  
Data File : BN036698.D  
Acq On : 21 Mar 2025 09:37  
Operator : RC/JU  
Sample : SSTDCCC020  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 21 13:04:43 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN022825.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Thu Mar 20 13:16:23 2025  
Response via : Initial Calibration



TIC: BN036698.D\data.ms

**(90) Benzo(b)fluoranthene**

**23.351min (-0.000) 20.41 ng/ul m**

**response 789596**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 21.30  | 23.39  |
| 125.00 | 12.20  | 13.02  |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN032125\  
 Data File : BN036698.D  
 Acq On : 21 Mar 2025 09:37  
 Operator : RC/JU  
 Sample : SSTDCCC020  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 21 13:05:23 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN022825.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Mar 20 13:16:23 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.705  | 152  | 68258    | 20.000 | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 10.487 | 136  | 330316   | 20.000 | ng/ul  | 0.00     |
| 38) Acenaphthene-d10          | 14.345 | 164  | 245961   | 20.000 | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.092 | 188  | 533166   | 20.000 | ng/ul  | 0.00     |
| 79) Chrysene-d12              | 21.327 | 240  | 574892   | 20.000 | ng/ul  | 0.00     |
| 88) Perylene-d12              | 24.280 | 264  | 631303   | 20.000 | ng/ul  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.193  | 96   | 13338    | 7.597  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.599  | 84   | 109731   | 20.447 | ng/ul  | 0.00     |
| 7) Phenol-d5                  | 6.875  | 99   | 129192   | 19.817 | ng/ul  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.040  | 67   | 94620    | 20.400 | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.234  | 132  | 97532    | 21.276 | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.410  | 113  | 109844   | 20.406 | ng/ul  | 0.00     |
| 21) Nitrobenzene-d5           | 8.857  | 128  | 53186    | 20.370 | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.575  | 143  | 56406    | 20.447 | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.110 | 165  | 106860   | 21.357 | ng/ul  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.622 | 131  | 158466   | 20.509 | ng/ul  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.757 | 166  | 386415   | 20.890 | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 14.040 | 160  | 435898   | 21.096 | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.551 | 143  | 74756    | 20.403 | ng/ul  | 0.00     |
| 60) Fluorene-d10              | 15.340 | 176  | 334316   | 21.428 | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.463 | 200  | 70398    | 19.295 | ng/ul  | 0.00     |
| 73) Anthracene-d10            | 17.192 | 188  | 554165   | 21.122 | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.486 | 212  | 644652   | 20.526 | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 24.080 | 264  | 668583   | 21.255 | ng/ul  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.228  | 88   | 15590    | 7.918  | ng/uL  | 95       |
| 5) Pyridine                   | 3.617  | 79   | 112716   | 20.131 | ng/ul  | 93       |
| 6) Benzaldehyde               | 6.846  | 77   | 97998    | 25.501 | ng/ul  | 96       |
| 8) Phenol                     | 6.899  | 94   | 138432   | 19.806 | ng/ul  | 89       |
| 10) Bis(2-Chloroethyl)ether   | 7.128  | 93   | 110695   | 20.280 | ng/ul  | 99       |
| 12) 2-Chlorophenol            | 7.269  | 128  | 102935   | 21.286 | ng/ul  | 100      |
| 13) 2-Methylphenol            | 8.146  | 108  | 99854    | 19.835 | ng/ul  | 99       |
| 14) 2,2'-oxybis(1-Chloropr... | 8.222  | 45   | 218541   | 20.862 | ng/ul  | 98       |
| 16) Acetophenone              | 8.522  | 105  | 191616   | 20.942 | ng/ul  | 97       |
| 17) N-Nitroso-di-n-propyla... | 8.510  | 70   | 110580   | 21.518 | ng/ul  | 91       |
| 18) 4-Methylphenol            | 8.475  | 108  | 118037   | 20.528 | ng/ul  | 98       |
| 19) Hexachloroethane          | 8.775  | 117  | 50125    | 22.548 | ng/ul  | 95       |
| 22) Nitrobenzene              | 8.899  | 77   | 167932   | 21.265 | ng/ul  | 95       |
| 23) Isophorone                | 9.422  | 82   | 294051   | 19.994 | ng/ul  | 98       |
| 25) 2-Nitrophenol             | 9.605  | 139  | 64433    | 20.974 | ng/ul  | 90       |
| 26) 2,4-Dimethylphenol        | 9.669  | 107  | 136888   | 21.084 | ng/ul  | 99       |
| 27) Bis(2-Chloroethoxy)met... | 9.905  | 93   | 167114   | 20.153 | ng/ul  | 99       |
| 29) 2,4-Dichlorophenol        | 10.140 | 162  | 109579   | 21.352 | ng/ul  | 98       |
| 30) Naphthalene               | 10.540 | 128  | 377756   | 20.681 | ng/ul  | 98       |
| 32) 4-Chloroaniline           | 10.652 | 127  | 155257   | 20.762 | ng/ul  | 96       |
| 33) Hexachlorobutadiene       | 10.828 | 225  | 72318    | 21.392 | ng/ul  | 99       |
| 34) Caprolactam               | 11.422 | 113  | 40935m   | 19.256 | ng/ul  |          |
| 35) 4-Chloro-3-methylphenol   | 11.781 | 107  | 140359   | 21.565 | ng/ul  | 97       |

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 Sample : SSTDCCC020  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 21 13:05:23 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN022825.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Mar 20 13:16:23 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 36) 2-Methylnaphthalene       | 12.157 | 142  | 269005   | 21.156 | ng/ul  | 98       |
| 37) 1-Methylnaphthalene       | 12.381 | 142  | 274265   | 21.390 | ng/ul  | 100      |
| 39) 1,2,4,5-Tetrachloroben... | 12.528 | 216  | 142426   | 20.650 | ng/ul  | 97       |
| 40) Hexachlorocyclopentadiene | 12.510 | 237  | 85452    | 20.994 | ng/ul  | 96       |
| 41) 2,4,6-Trichlorophenol     | 12.769 | 196  | 93559    | 20.622 | ng/ul  | 96       |
| 42) 2,4,5-Trichlorophenol     | 12.846 | 196  | 101638   | 20.446 | ng/ul  | 97       |
| 43) 1,1'-Biphenyl             | 13.175 | 154  | 370252   | 20.382 | ng/ul  | 97       |
| 44) 2-Chloronaphthalene       | 13.216 | 162  | 288823   | 20.506 | ng/ul  | 98       |
| 45) 2-Nitroaniline            | 13.422 | 65   | 123580   | 21.856 | ng/ul  | 96       |
| 47) Dimethylphthalate         | 13.804 | 163  | 386532   | 20.723 | ng/ul  | 99       |
| 48) 2,6-Dinitrotoluene        | 13.928 | 165  | 75725    | 20.794 | ng/ul  | 97       |
| 50) Acenaphthylene            | 14.063 | 152  | 458492   | 20.502 | ng/ul  | 99       |
| 51) 3-Nitroaniline            | 14.251 | 138  | 80566    | 20.486 | ng/ul  | 98       |
| 52) Acenaphthene              | 14.410 | 153  | 338963   | 21.023 | ng/ul  | 94       |
| 53) 2,4-Dinitrophenol         | 14.457 | 184  | 48154    | 19.230 | ng/ul# | 86       |
| 55) 4-Nitrophenol             | 14.563 | 109  | 83609    | 23.180 | ng/ul  | 92       |
| 56) Dibenzofuran              | 14.745 | 168  | 473191   | 21.298 | ng/ul  | 99       |
| 57) 2,4-Dinitrotoluene        | 14.716 | 165  | 123619   | 22.168 | ng/ul  | 97       |
| 58) 2,3,4,6-Tetrachlorophenol | 14.975 | 232  | 90375    | 21.748 | ng/ul  | 99       |
| 59) Diethylphthalate          | 15.175 | 149  | 416001   | 21.470 | ng/ul  | 96       |
| 61) Fluorene                  | 15.398 | 166  | 387583   | 21.106 | ng/ul  | 98       |
| 62) 4-Chlorophenyl-phenyle... | 15.392 | 204  | 188122   | 21.480 | ng/ul  | 94       |
| 63) 4-Nitroaniline            | 15.416 | 138  | 88774    | 22.940 | ng/ul  | 91       |
| 66) 4,6-Dinitro-2-methylph... | 15.481 | 198  | 78499    | 20.016 | ng/ul  | 97       |
| 67) N-Nitrosodiphenylamine    | 15.610 | 169  | 332226   | 20.400 | ng/ul  | 96       |
| 68) 4-Bromophenyl-phenylether | 16.287 | 248  | 106542   | 20.609 | ng/ul  | 96       |
| 69) Hexachlorobenzene         | 16.404 | 284  | 115324   | 20.024 | ng/ul  | 98       |
| 70) Atrazine                  | 16.563 | 200  | 132736   | 21.911 | ng/ul  | 94       |
| 71) Pentachlorophenol         | 16.745 | 266  | 79783    | 20.047 | ng/ul  | 97       |
| 72) Phenanthrene              | 17.134 | 178  | 648989   | 21.017 | ng/ul  | 99       |
| 74) Anthracene                | 17.228 | 178  | 649337   | 20.652 | ng/ul  | 99       |
| 75) 1,2,3,4-Tetrachloroben... | 13.140 | 216  | 144606   | 19.819 | ng/uL  | 95       |
| 76) Pentachlorobenzene        | 14.669 | 250  | 145252   | 19.771 | ng/uL# | 90       |
| 77) Carbazole                 | 17.498 | 167  | 599239   | 21.208 | ng/ul  | 100      |
| 78) Di-n-butylphthalate       | 18.069 | 149  | 763086   | 21.715 | ng/ul  | 99       |
| 80) Fluoranthene              | 19.157 | 202  | 747354   | 20.335 | ng/ul  | 99       |
| 82) Pyrene                    | 19.516 | 202  | 830453   | 20.758 | ng/ul  | 99       |
| 83) Butylbenzylphthalate      | 20.427 | 149  | 351372   | 21.294 | ng/ul  | 99       |
| 84) 3,3'-Dichlorobenzidine    | 21.239 | 252  | 229025   | 21.640 | ng/ul  | 99       |
| 85) Benzo(a)anthracene        | 21.310 | 228  | 811069   | 20.479 | ng/ul  | 99       |
| 86) Bis(2-ethylhexyl)phtha... | 21.245 | 149  | 549407   | 22.922 | ng/ul  | 98       |
| 87) Chrysene                  | 21.374 | 228  | 777025   | 20.382 | ng/ul  | 98       |
| 89) Di-n-octyl phthalate      | 22.363 | 149  | 909234   | 21.414 | ng/ul  | 100      |
| 90) Benzo(b)fluoranthene      | 23.351 | 252  | 789596m  | 20.405 | ng/ul  |          |
| 91) Benzo(k)fluoranthene      | 23.410 | 252  | 807236   | 20.671 | ng/ul  | 99       |
| 93) Benzo(a)pyrene            | 24.145 | 252  | 777046   | 21.037 | ng/ul  | 99       |
| 94) Indeno(1,2,3-cd)pyrene    | 27.604 | 276  | 941761   | 20.882 | ng/ul  | 97       |
| 95) Dibenzo(a,h)anthracene    | 27.662 | 278  | 760813   | 21.161 | ng/ul  | 96       |
| 96) Benzo(g,h,i)perylene      | 28.639 | 276  | 724897   | 20.641 | ng/ul  | 99       |

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



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