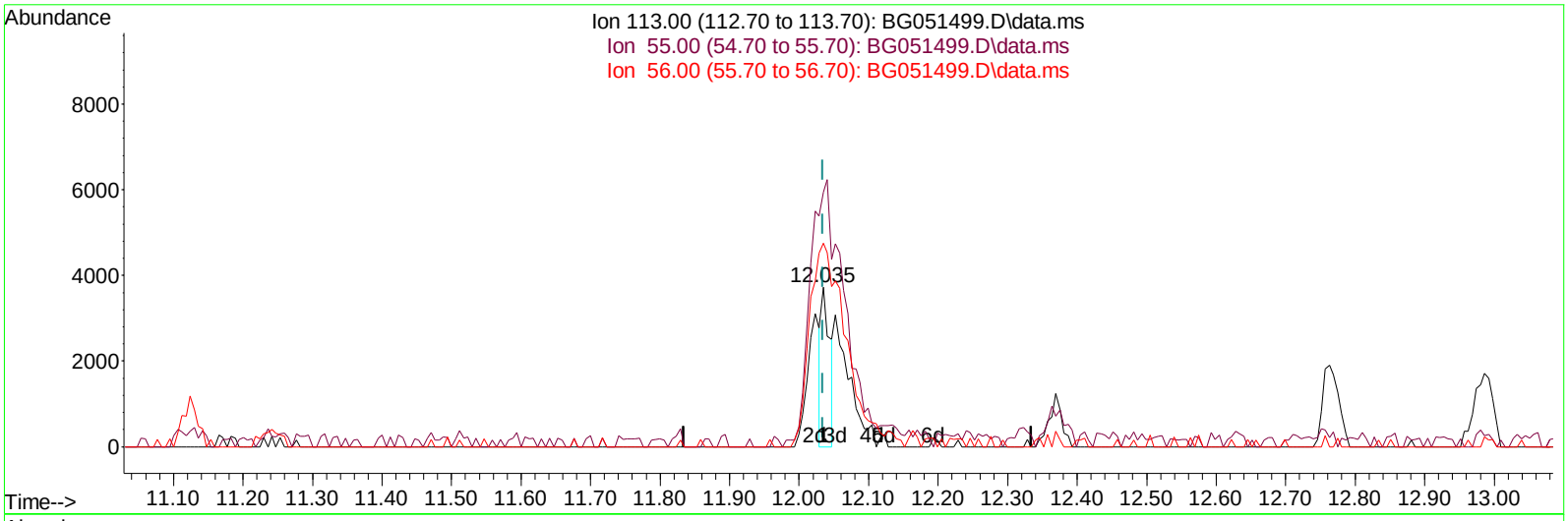
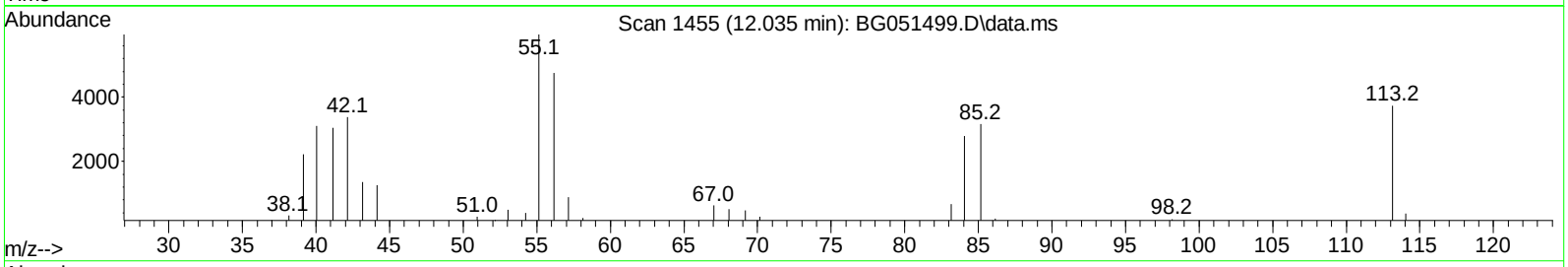
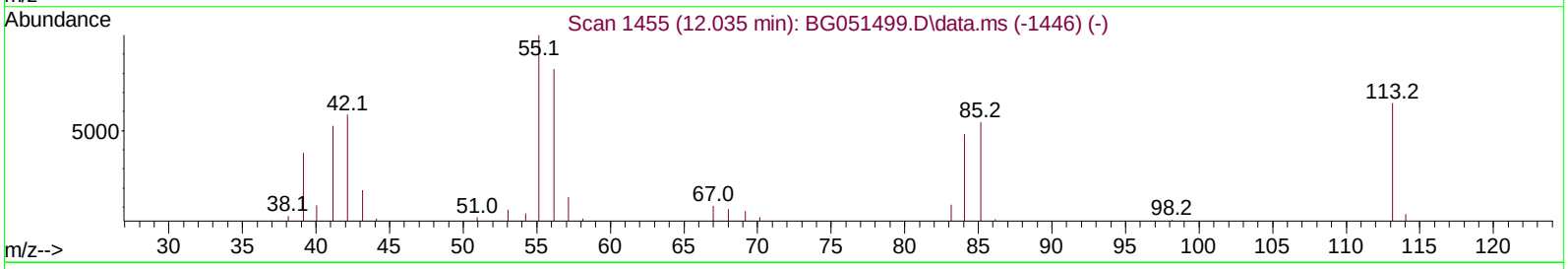
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121421\
Data File : BG051499.D
Acq On : 14 Dec 2021 11:28
Operator : CG/JU
Sample : SSTD02037
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 14 13:34:20 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 14 13:31:18 2021
Response via : Initial Calibration




TIC: BG051499.D\data.ms

**(34) Caprolactam**

**12.035min ( 0.000) 5.05 ng/ul**

**response 3108**

| Ion | Exp% | Act% |
|---|---|---|
| 113.00 | 100.00 | 100.00 |
| 55.00 | 183.80 | 159.45 |
| 56.00 | 136.50 | 127.39 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

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ALS Vial : 4 Sample Multiplier: 1

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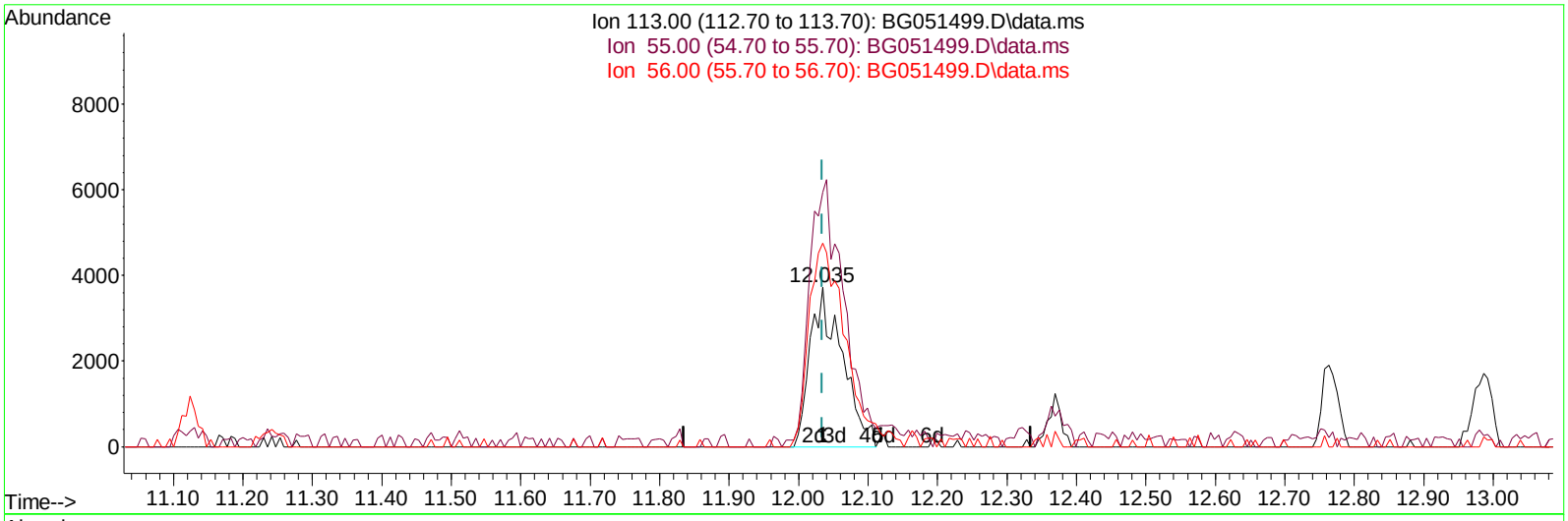
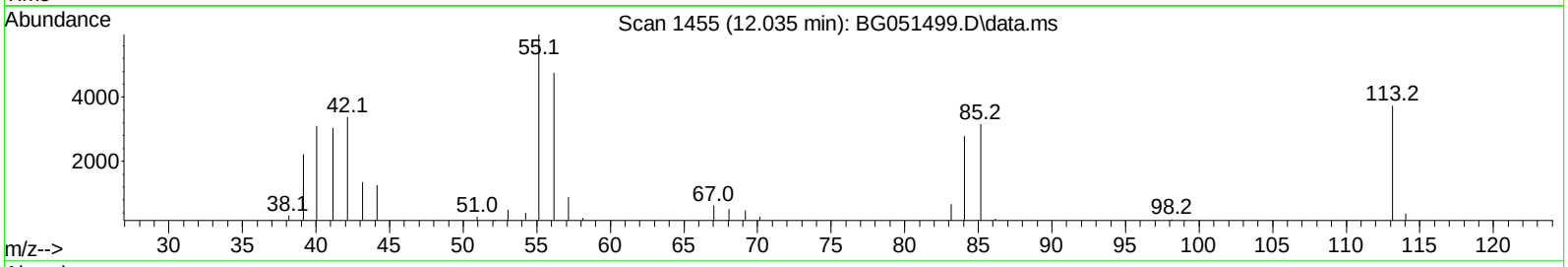
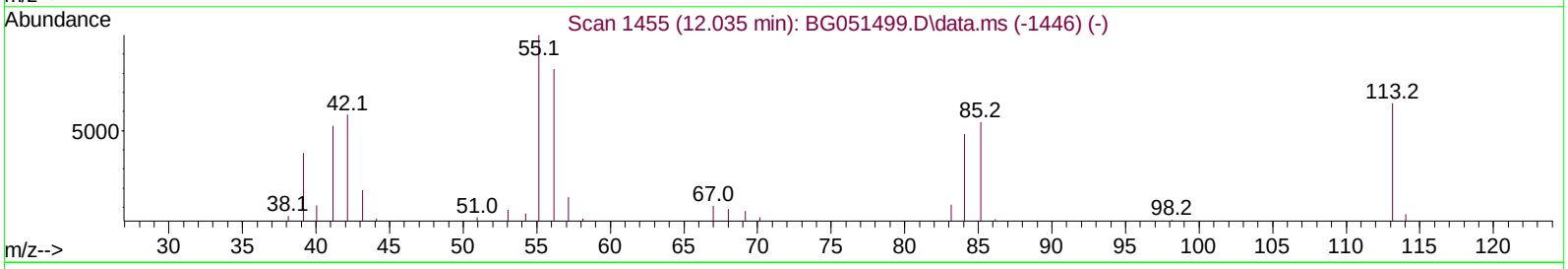
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 14 13:31:18 2021
Response via : Initial Calibration




TIC: BG051499.D\data.ms

**(34) Caprolactam**

**12.035min ( 0.000) 19.23 ng/ul m**

**response 11837**

| Ion | Exp% | Act% |
|---|---|---|
| 113.00 | 100.00 | 100.00 |
| 55.00 | 183.80 | 159.45 |
| 56.00 | 136.50 | 127.39 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121421\
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Sample : SSTD02037
Misc :
ALS Vial : 4 Sample Multiplier: 1

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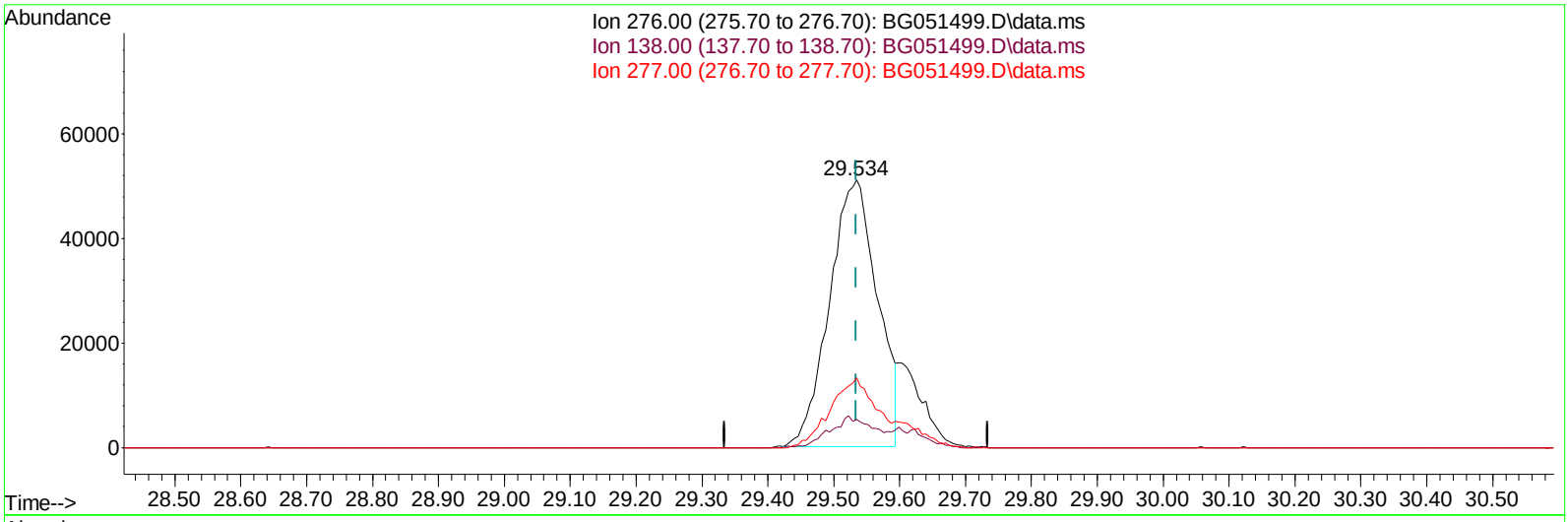
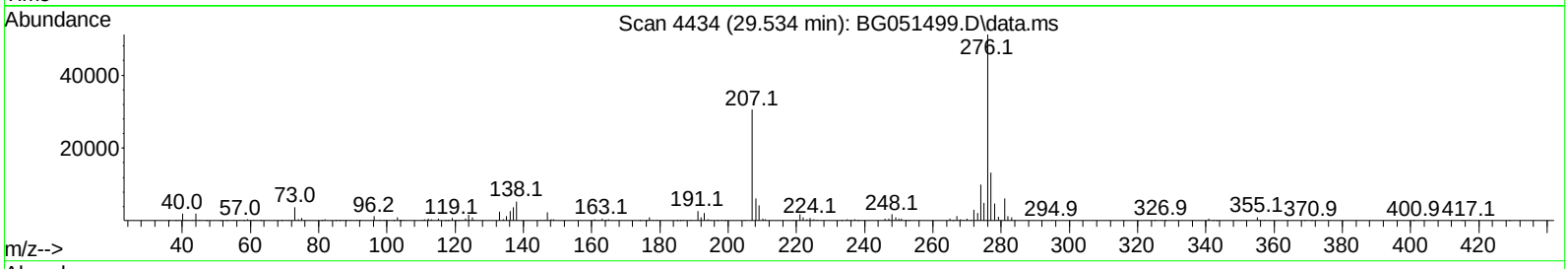
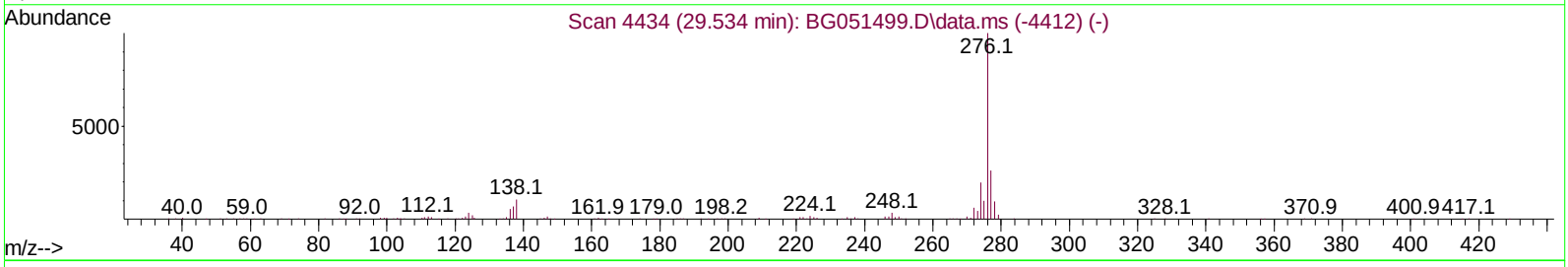
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 14 13:31:18 2021
Response via : Initial Calibration




TIC: BG051499.D\data.ms

**(94) Indeno(1,2,3-cd)pyrene**

**29.534min ( 0.000) 17.21 ng/ul**

**response 257469**

| Ion | Exp% | Act% |
|---|---|---|
| 276.00 | 100.00 | 100.00 |
| 138.00 | 19.40 | 10.60# |
| 277.00 | 25.60 | 26.16 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121421\
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Sample : SSTD02037
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 14 13:34:20 2021
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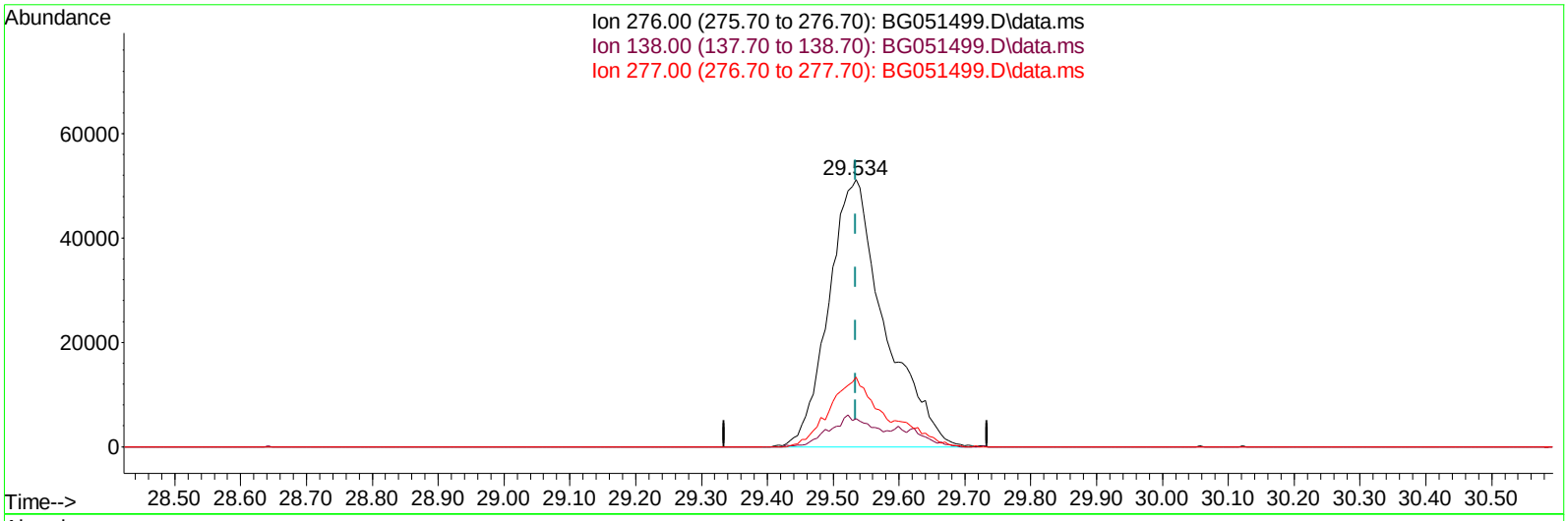
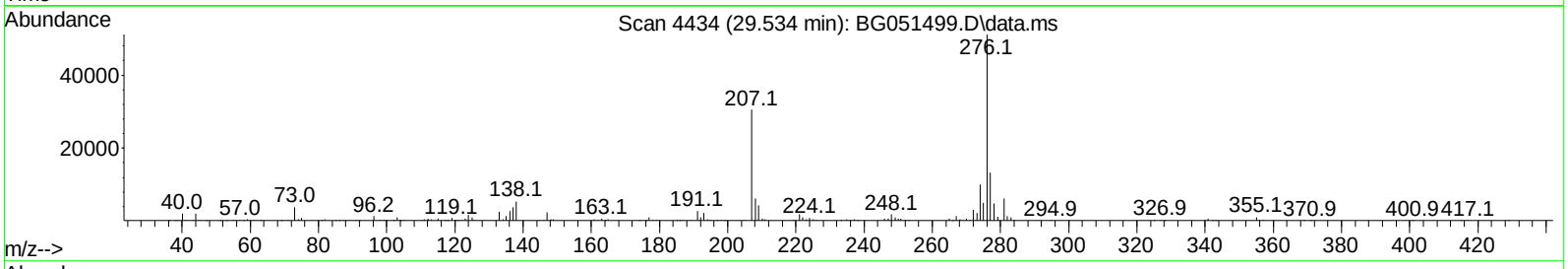
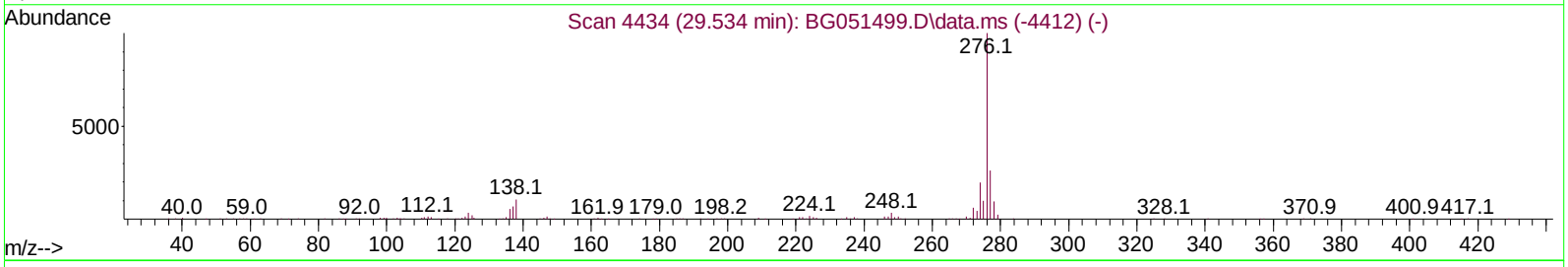
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 14 13:31:18 2021
Response via : Initial Calibration




TIC: BG051499.D\data.ms

**(94) Indeno(1,2,3-cd)pyrene**

**29.534min ( 0.000) 20.23 ng/ul m**

**response 302683**

| Ion | Exp% | Act% |
|---|---|---|
| 276.00 | 100.00 | 100.00 |
| 138.00 | 19.40 | 10.60# |
| 277.00 | 25.60 | 26.16 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121421\
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Acq On : 14 Dec 2021 11:28
Operator : CG/JU
Sample : SSTD02037
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 14 13:34:20 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 14 13:31:18 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.287 | 152 | 29299 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 11.124 | 136 | 120663 | 20.000 | ng/ul | # 0.00 |
| 38) Acenaphthene-d10 | 14.919 | 164 | 89157 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.662 | 188 | 223222 | 20.000 | ng/ul | # 0.00 |
| 79) Chrysene-d12 | 21.986 | 240 | 215937 | 20.000 | ng/ul | # 0.00 |
| 88) Perylene-d12 | 25.493 | 264 | 211991 | 20.000 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.605 | 96 | 5578 | 7.383 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 4.045 | 84 | 41777 | 20.066 | ng/ul | 0.00 |
| 7) Phenol-d5 | 7.417 | 99 | 52219 | 19.535 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.594 | 67 | 32081 | 20.147 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.811 | 132 | 36383 | 19.499 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.980 | 113 | 40266 | 18.596 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 9.456 | 128 | 17933 | 20.682 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 10.184 | 143 | 19642 | 22.064 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.730 | 165 | 44053 | 19.843 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 11.242 | 131 | 56883 | 19.975 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 14.314 | 166 | 146681 | 20.268 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.613 | 160 | 186143 | 20.731 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 15.078 | 143 | 23674 | 22.197 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.906 | 176 | 131278 | 20.672 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 16.012 | 200 | 22115 | 21.739 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.762 | 188 | 222825 | 20.524 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 20.041 | 212 | 276821 | 20.447 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 25.252 | 264 | 232409 | 20.913 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.652 | 88 | 5785 | 8.013 | ng/uL | 90 |
| 5) Pyridine | 4.063 | 79 | 44614 | 20.569 | ng/ul | 96 |
| 6) Benzaldehyde | 7.406 | 77 | 40451 | 25.141 | ng/ul | 93 |
| 8) Phenol | 7.441 | 94 | 52226 | 19.650 | ng/ul# | 90 |
| 10) Bis(2-Chloroethyl)ether | 7.688 | 93 | 40271 | 19.960 | ng/ul | 93 |
| 12) 2-Chlorophenol | 7.846 | 128 | 37387 | 18.934 | ng/ul | 95 |
| 13) 2-Methylphenol | 8.716 | 108 | 40162 | 19.639 | ng/ul | 100 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.815 | 45 | 57486 | 20.648 | ng/ul | 97 |
| 16) Acetophenone | 9.115 | 105 | 65975 | 19.534 | ng/ul | 91 |
| 17) N-Nitroso-di-n-propyla... | 9.097 | 70 | 38805 | 18.796 | ng/ul | 90 |
| 18) 4-Methylphenol | 9.045 | 108 | 41023 | 18.568 | ng/ul | 96 |
| 19) Hexachloroethane | 9.391 | 117 | 16558 | 19.708 | ng/ul# | 82 |
| 22) Nitrobenzene | 9.497 | 77 | 54407 | 22.290 | ng/ul# | 96 |
| 23) Isophorone | 10.031 | 82 | 109276 | 20.107 | ng/ul | 98 |
| 25) 2-Nitrophenol | 10.219 | 139 | 21117 | 21.706 | ng/ul | 95 |
| 26) 2,4-Dimethylphenol | 10.266 | 107 | 50009 | 18.840 | ng/ul | 96 |
| 27) Bis(2-Chloroethoxy)met... | 10.507 | 93 | 57208 | 19.393 | ng/ul | 95 |
| 29) 2,4-Dichlorophenol | 10.754 | 162 | 40334 | 19.697 | ng/ul | 97 |
| 30) Naphthalene | 11.177 | 128 | 134010 | 20.461 | ng/ul | 96 |
| 32) 4-Chloroaniline | 11.271 | 127 | 58313 | 20.246 | ng/ul | 100 |
| 33) Hexachlorobutadiene | 11.471 | 225 | 36795 | 21.766 | ng/ul | 96 |
| 34) Caprolactam | 12.035 | 113 | 11837m | 19.228 | ng/ul | |
| 35) 4-Chloro-3-methylphenol | 12.369 | 107 | 47456 | 19.718 | ng/ul | 98 |

Quantitation Report (QT Reviewed)

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Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 14 13:31:18 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 36) 2-Methylnaphthalene | 12.769 | 142 | 97433 | 20.194 | ng/ul | 99 |
| 37) 1-Methylnaphthalene | 12.986 | 142 | 100123 | 20.226 | ng/ul | 94 |
| 39) 1,2,4,5-Tetrachloroben... | 13.127 | 216 | 65129 | 21.149 | ng/ul | 96 |
| 40) Hexachlorocyclopentadiene | 13.115 | 237 | 45114 | 20.613 | ng/ul | 98 |
| 41) 2,4,6-Trichlorophenol | 13.356 | 196 | 38947 | 21.037 | ng/ul | 100 |
| 42) 2,4,5-Trichlorophenol | 13.427 | 196 | 39710 | 20.261 | ng/ul | 97 |
| 43) 1,1'-Biphenyl | 13.756 | 154 | 142254 | 21.097 | ng/ul# | 94 |
| 44) 2-Chloronaphthalene | 13.803 | 162 | 110478 | 21.061 | ng/ul | 98 |
| 45) 2-Nitroaniline | 13.991 | 65 | 33060 | 22.723 | ng/ul# | 86 |
| 47) Dimethylphthalate | 14.361 | 163 | 144230 | 20.432 | ng/ul# | 99 |
| 48) 2,6-Dinitrotoluene | 14.472 | 165 | 27882 | 23.787 | ng/ul | 97 |
| 50) Acenaphthylene | 14.643 | 152 | 177467 | 20.223 | ng/ul | 97 |
| 51) 3-Nitroaniline | 14.801 | 138 | 27485 | 23.673 | ng/ul | 91 |
| 52) Acenaphthene | 14.984 | 153 | 116638 | 20.123 | ng/ul | 92 |
| 53) 2,4-Dinitrophenol | 15.001 | 184 | 13763 | 21.760 | ng/ul# | 1 |
| 55) 4-Nitrophenol | 15.089 | 109 | 24791 | 21.987 | ng/ul | 85 |
| 56) Dibenzofuran | 15.318 | 168 | 174485 | 20.707 | ng/ul | 98 |
| 57) 2,4-Dinitrotoluene | 15.260 | 165 | 39479 | 24.431 | ng/ul | 97 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.536 | 232 | 38507 | 21.034 | ng/ul# | 86 |
| 59) Diethylphthalate | 15.718 | 149 | 147721 | 20.125 | ng/ul | 100 |
| 61) Fluorene | 15.965 | 166 | 141160 | 20.238 | ng/ul | 99 |
| 62) 4-Chlorophenyl-phenyle... | 15.953 | 204 | 81214 | 20.940 | ng/ul | 94 |
| 63) 4-Nitroaniline | 15.959 | 138 | 28666 | 24.009 | ng/ul | 87 |
| 66) 4,6-Dinitro-2-methylph... | 16.023 | 198 | 21620 | 21.107 | ng/ul | 100 |
| 67) N-Nitrosodiphenylamine | 16.158 | 169 | 124671 | 19.909 | ng/ul | 97 |
| 68) 4-Bromophenyl-phenylether | 16.846 | 248 | 46708 | 17.768 | ng/ul# | 89 |
| 69) Hexachlorobenzene | 16.975 | 284 | 59646 | 20.503 | ng/ul# | 89 |
| 70) Atrazine | 17.104 | 200 | 55691 | 19.842 | ng/ul | 97 |
| 71) Pentachlorophenol | 17.310 | 266 | 34430 | 19.583 | ng/ul | 98 |
| 72) Phenanthrene | 17.709 | 178 | 242936 | 20.961 | ng/ul | 99 |
| 74) Anthracene | 17.797 | 178 | 241910 | 20.571 | ng/ul | 99 |
| 75) 1,2,3,4-Tetrachloroben... | 13.726 | 216 | 71444 | 20.364 | ng/uL | 94 |
| 76) Pentachlorobenzene | 15.236 | 250 | 70588 | 20.704 | ng/uL | 97 |
| 77) Carbazole | 18.062 | 167 | 220732 | 20.777 | ng/ul | 98 |
| 78) Di-n-butylphthalate | 18.614 | 149 | 259298 | 19.815 | ng/ul | 99 |
| 80) Fluoranthene | 19.707 | 202 | 318961 | 20.389 | ng/ul# | 89 |
| 82) Pyrene | 20.065 | 202 | 314236 | 20.612 | ng/ul# | 89 |
| 83) Butylbenzylphthalate | 20.946 | 149 | 103203 | 19.437 | ng/ul# | 95 |
| 84) 3,3'-Dichlorobenzidine | 21.868 | 252 | 108500 | 20.271 | ng/ul# | 97 |
| 85) Benzo(a)anthracene | 21.968 | 228 | 294369 | 20.687 | ng/ul | 98 |
| 86) Bis(2-ethylhexyl)phtha... | 21.868 | 149 | 144728 | 19.479 | ng/ul# | 96 |
| 87) Chrysene | 22.039 | 228 | 282505 | 20.725 | ng/ul | 98 |
| 89) Di-n-octyl phthalate | 23.184 | 149 | 238370 | 20.101 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 24.371 | 252 | 293270 | 20.876 | ng/ul# | 96 |
| 91) Benzo(k)fluoranthene | 24.447 | 252 | 277298 | 21.306 | ng/ul# | 97 |
| 93) Benzo(a)pyrene | 25.328 | 252 | 279055 | 20.951 | ng/ul# | 95 |
| 94) Indeno(1,2,3-cd)pyrene | 29.534 | 276 | 302683m | 20.232 | ng/ul | |
| 95) Dibenzo(a,h)anthracene | 29.605 | 278 | 257757 | 20.267 | ng/ul# | 93 |
| 96) Benzo(g,h,i)perylene | 30.792 | 276 | 252139 | 19.643 | ng/ul# | 86 |

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

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