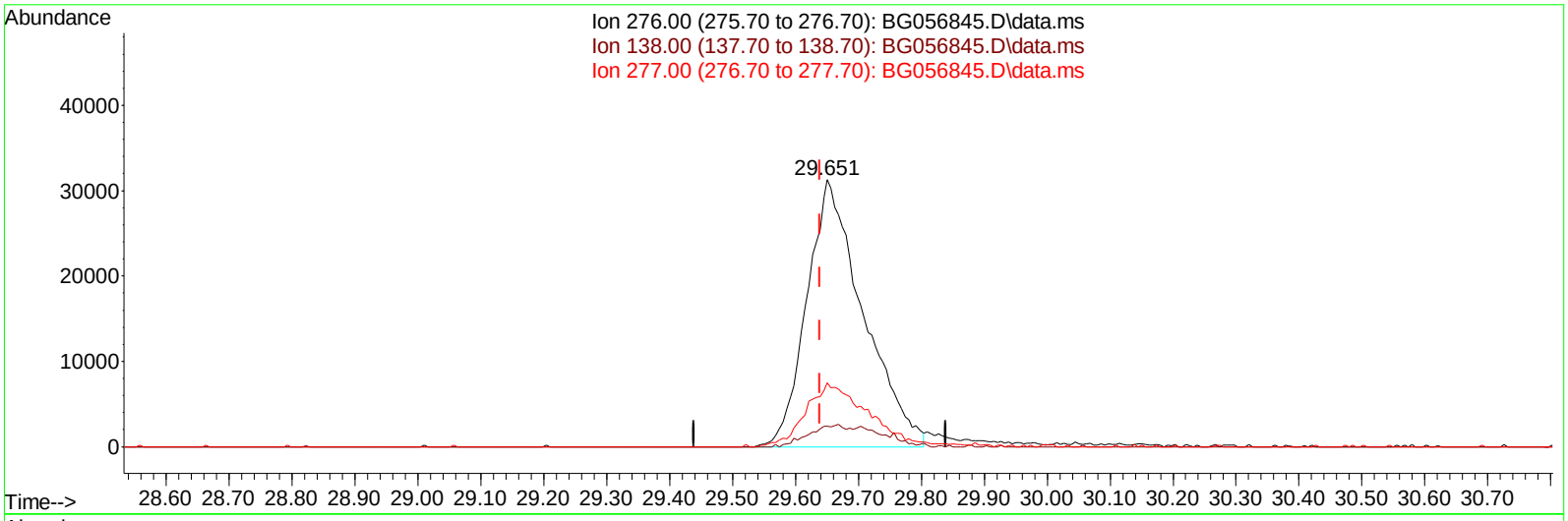
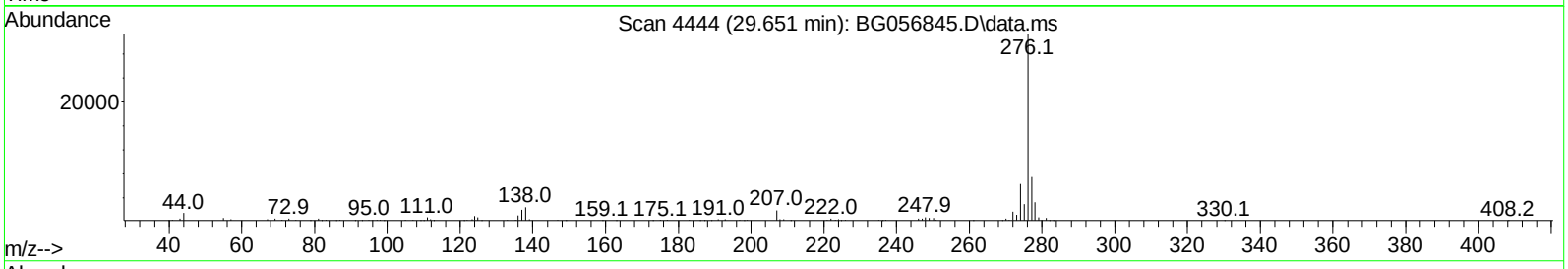
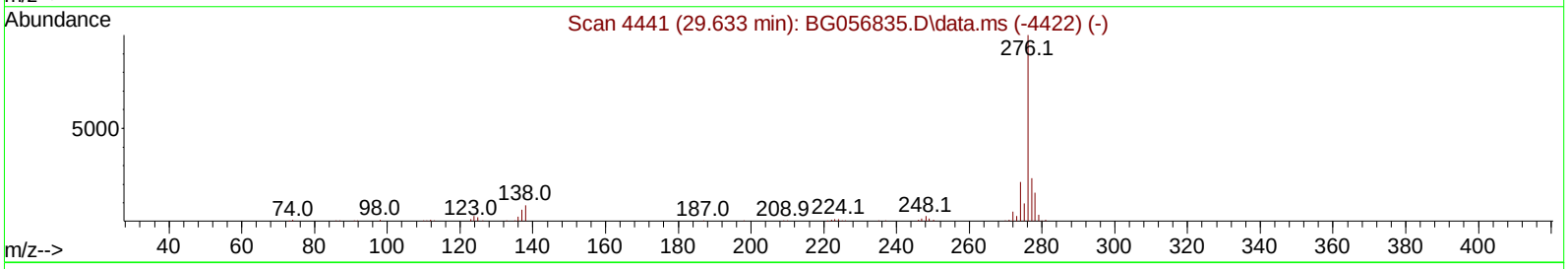
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030623\
Data File : BG056845.D
Acq On : 6 Mar 2023 17:25
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 06 18:09:51 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022323.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 02 00:12:28 2023
Response via : Initial Calibration




TIC: BG056845.D\data.ms

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

**29.651min (+ 0.011) 19.82 ng/ul**

**response 193859**

| Ion | Exp% | Act% |
|---|---|---|
| 276.00 | 100.00 | 100.00 |
| 138.00 | 7.10 | 7.60 |
| 277.00 | 22.60 | 23.83 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030623\
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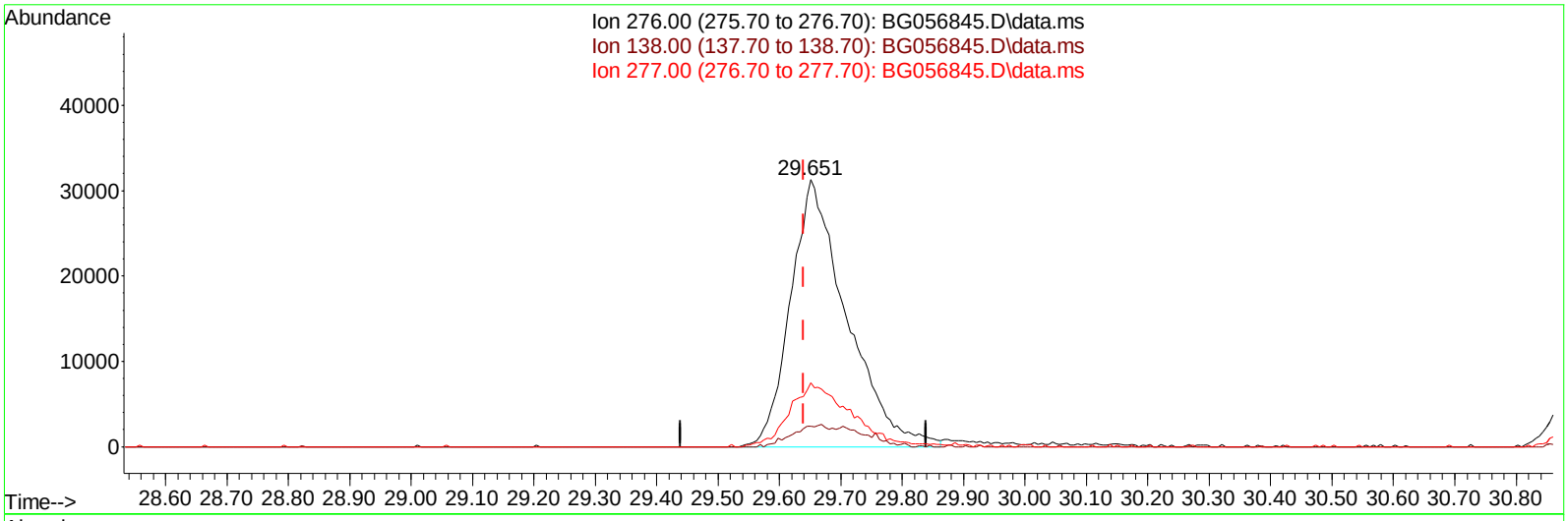
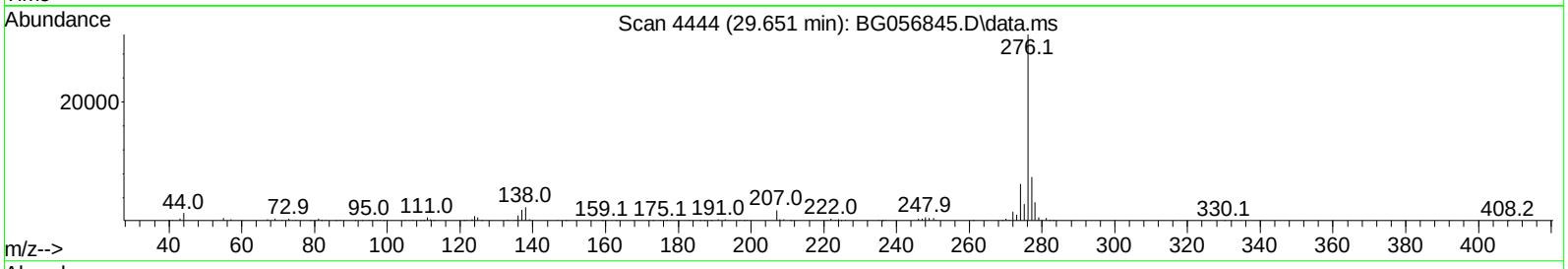
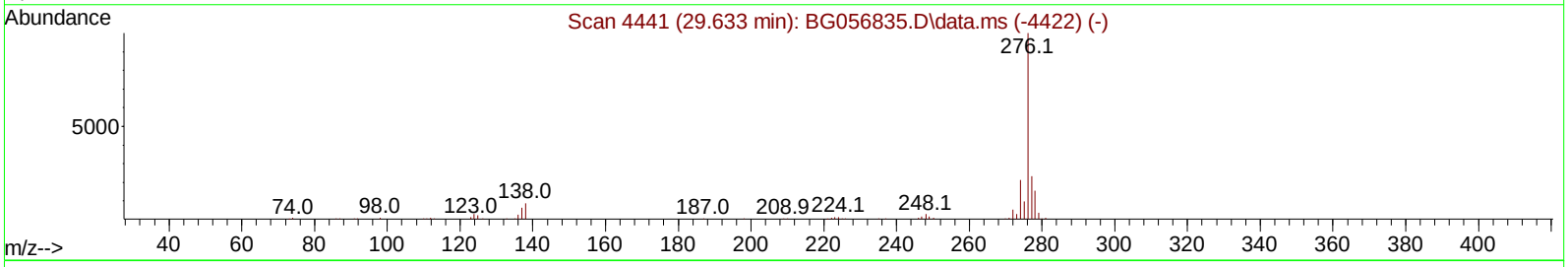
Acq On : 6 Mar 2023 17:25
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 06 18:09:51 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022323.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 02 00:12:28 2023
Response via : Initial Calibration




TIC: BG056845.D\data.ms

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

**29.651min (+ 0.011) 20.25 ng/ul m**

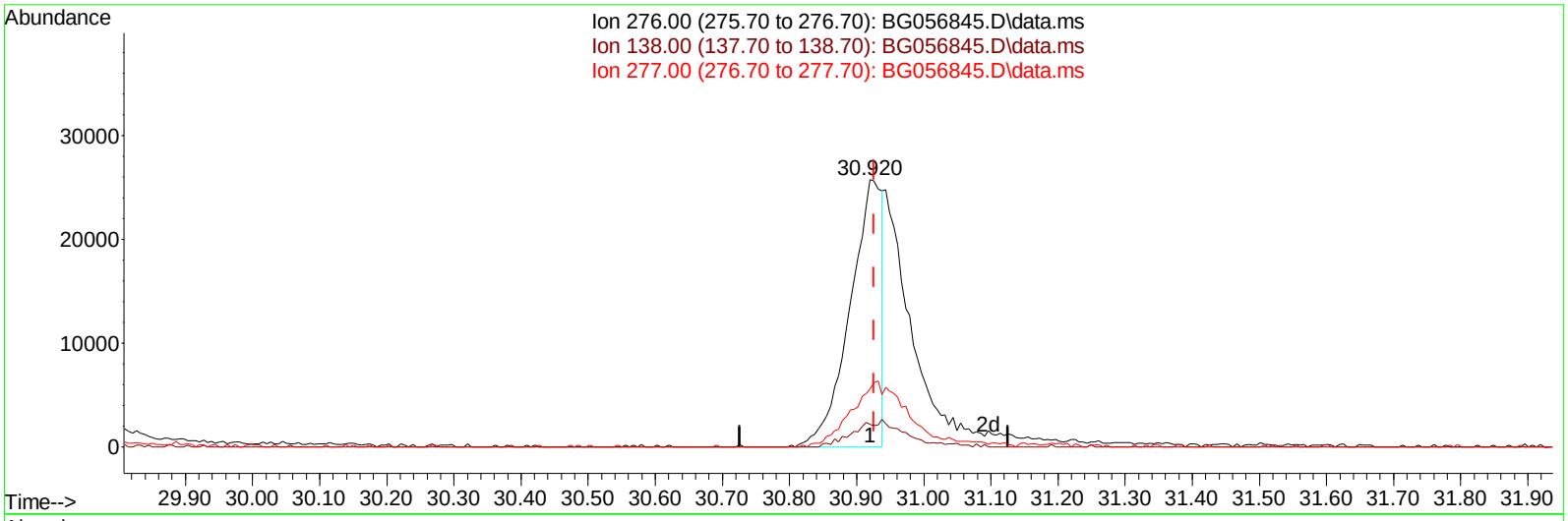
**response 198083**

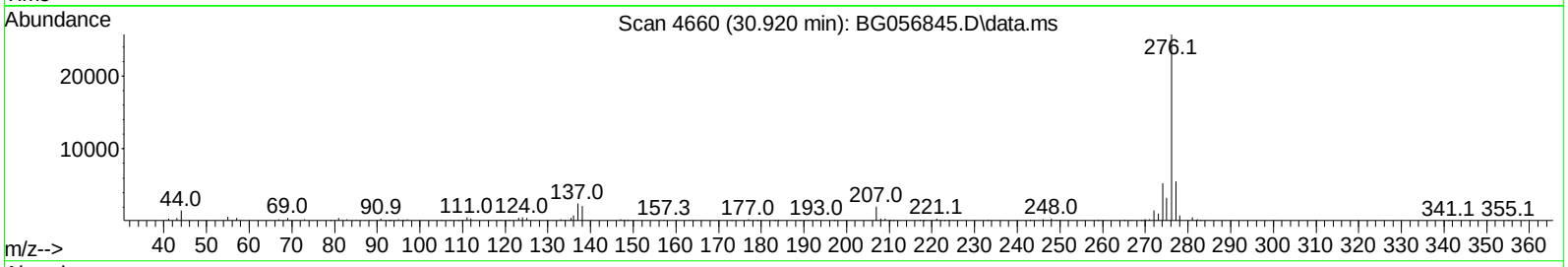
| Ion | Exp% | Act% |
|---|---|---|
| 276.00 | 100.00 | 100.00 |
| 138.00 | 7.10 | 7.60 |
| 277.00 | 22.60 | 23.83 |
| 0.00 | 0.00 | 0.00 |

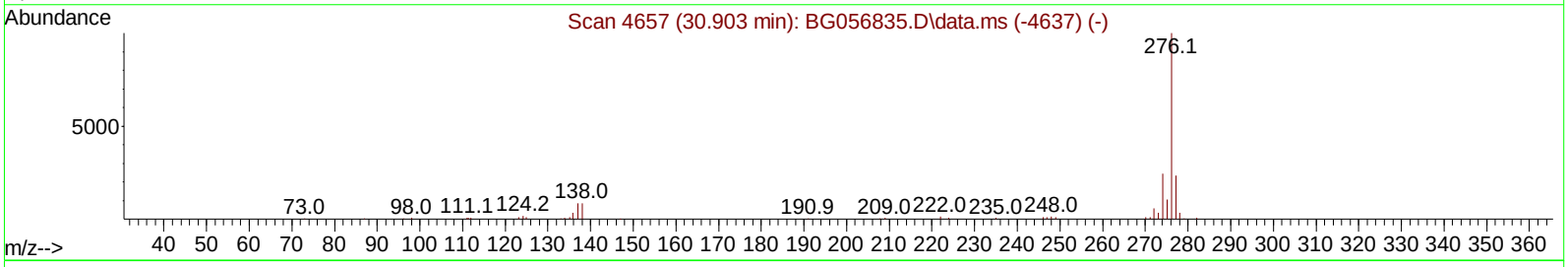
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030623\
Data File : BG056845.D
Acq On : 6 Mar 2023 17:25
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 06 18:09:51 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022323.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 02 00:12:28 2023
Response via : Initial Calibration




TIC: BG056845.D\data.ms

**(96) Benzo(g,h,i)perylene**

**30.920min (-0.006) 10.82 ng/ul**

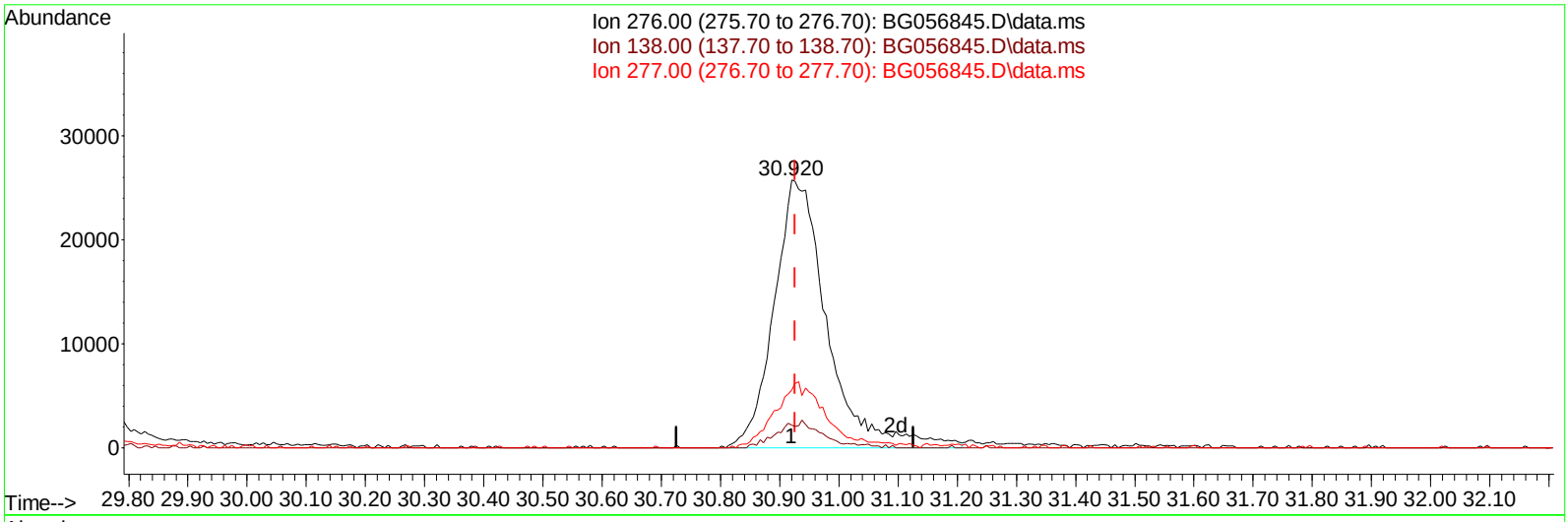
**response 84545**

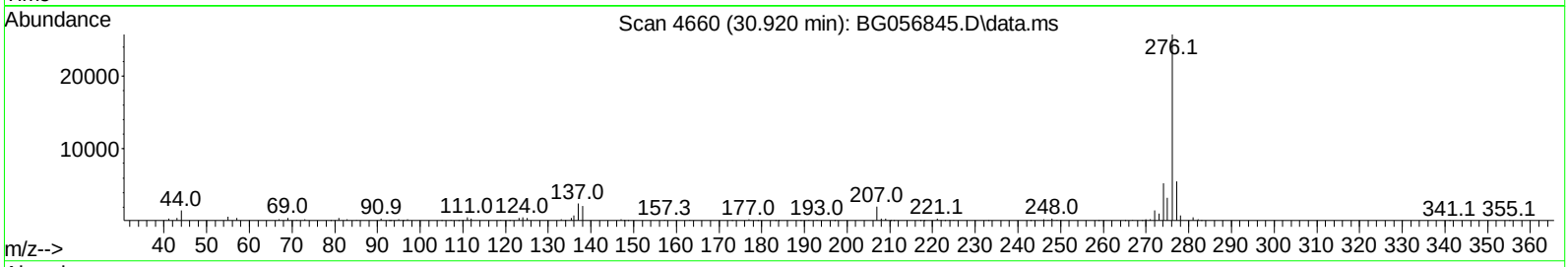
| Ion | Exp% | Act% |
|---|---|---|
| 276.00 | 100.00 | 100.00 |
| 138.00 | 8.10 | 8.43 |
| 277.00 | 25.90 | 21.48 |
| 0.00 | 0.00 | 0.00 |

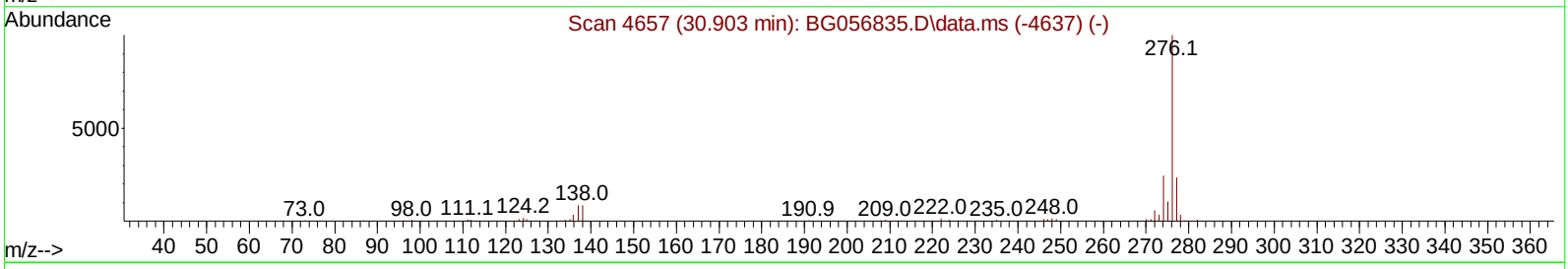
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030623\
Data File : BG056845.D
Acq On : 6 Mar 2023 17:25
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 06 18:09:51 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022323.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 02 00:12:28 2023
Response via : Initial Calibration




TIC: BG056845.D\data.ms

**(96) Benzo(g,h,i)perylene**

**30.920min (-0.006) 20.55 ng/ul m**

**response 160605**

| Ion | Exp% | Act% |
|---|---|---|
| 276.00 | 100.00 | 100.00 |
| 138.00 | 8.10 | 8.43 |
| 277.00 | 25.90 | 21.48 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030623\
Data File : BG056845.D
Acq On : 6 Mar 2023 17:25
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 06 18:09:51 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022323.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 02 00:12:28 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.417 | 152 | 18068 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 11.255 | 136 | 77104 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 15.021 | 164 | 56117 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.759 | 188 | 132218 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 22.066 | 240 | 111676 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 25.597 | 264 | 122366 | 20.000 | ng/ul | 0.01 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.699 | 96 | 3211 | 9.858 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 4.140 | 84 | 27042 | 20.569 | ng/ul | 0.00 |
| 7) Phenol-d5 | 7.541 | 99 | 37531 | 20.758 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.718 | 67 | 21925 | 19.880 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.941 | 132 | 24021 | 20.006 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 9.110 | 113 | 26911 | 19.479 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 9.592 | 128 | 13062 | 20.215 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 10.321 | 143 | 15649 | 20.346 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.861 | 165 | 31139 | 21.490 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 11.378 | 131 | 38085 | 20.152 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 14.410 | 166 | 91628 | 20.237 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.721 | 160 | 108191 | 21.025 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 15.185 | 143 | 13603 | 17.426 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 16.002 | 176 | 85761 | 20.477 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 16.108 | 200 | 14071 | 15.907 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.853 | 188 | 129378 | 20.170 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 20.115 | 212 | 145916 | 19.309 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 25.344 | 264 | 136024 | 20.595 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.740 | 88 | 3347 | 8.334 | ng/uL# | 80 |
| 5) Pyridine | 4.157 | 79 | 29152 | 20.938 | ng/ul | 98 |
| 6) Benzaldehyde | 7.541 | 77 | 22966 | 24.245 | ng/ul | 98 |
| 8) Phenol | 7.571 | 94 | 37199 | 20.170 | ng/ul | 98 |
| 10) Bis(2-Chloroethyl)ether | 7.818 | 93 | 26965 | 20.578 | ng/ul | 98 |
| 12) 2-Chlorophenol | 7.976 | 128 | 24207 | 20.358 | ng/ul | 96 |
| 13) 2-Methylphenol | 8.846 | 108 | 27001 | 19.410 | ng/ul | 88 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.934 | 45 | 35694 | 20.271 | ng/ul | 95 |
| 16) Acetophenone | 9.245 | 105 | 47489 | 20.073 | ng/ul | 96 |
| 17) N-Nitroso-di-n-propyla... | 9.216 | 70 | 26830 | 19.765 | ng/ul | 96 |
| 18) 4-Methylphenol | 9.175 | 108 | 30192 | 19.974 | ng/ul | 96 |
| 19) Hexachloroethane | 9.527 | 117 | 10806 | 21.371 | ng/ul# | 81 |
| 22) Nitrobenzene | 9.633 | 77 | 41151 | 21.962 | ng/ul | 98 |
| 23) Isophorone | 10.156 | 82 | 72850 | 19.887 | ng/ul | 97 |
| 25) 2-Nitrophenol | 10.356 | 139 | 15216 | 20.041 | ng/ul# | 85 |
| 26) 2,4-Dimethylphenol | 10.391 | 107 | 35551 | 20.966 | ng/ul | 97 |
| 27) Bis(2-Chloroethoxy)met... | 10.632 | 93 | 36789 | 19.869 | ng/ul | 99 |
| 29) 2,4-Dichlorophenol | 10.890 | 162 | 30574 | 21.789 | ng/ul | 97 |
| 30) Naphthalene | 11.308 | 128 | 87956 | 20.724 | ng/ul | 97 |
| 32) 4-Chloroaniline | 11.402 | 127 | 37838 | 20.211 | ng/ul | 92 |
| 33) Hexachlorobutadiene | 11.584 | 225 | 24102 | 21.552 | ng/ul# | 90 |
| 34) Caprolactam | 12.142 | 113 | 8764 | 18.372 | ng/ul | 91 |
| 35) 4-Chloro-3-methylphenol | 12.489 | 107 | 31470 | 19.522 | ng/ul | 98 |

Quantitation Report (QT Reviewed)

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Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 06 18:09:51 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022323.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 02 00:12:28 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 36) 2-Methylnaphthalene | 12.876 | 142 | 62865 | 20.683 | ng/ul | 95 |
| 37) 1-Methylnaphthalene | 13.094 | 142 | 61606 | 20.557 | ng/ul | 98 |
| 39) 1,2,4,5-Tetrachloroben... | 13.235 | 216 | 47098 | 23.672 | ng/ul | 99 |
| 40) Hexachlorocyclopentadiene | 13.211 | 237 | 22113 | 15.511 | ng/ul | 97 |
| 41) 2,4,6-Trichlorophenol | 13.464 | 196 | 28315 | 21.299 | ng/ul# | 97 |
| 42) 2,4,5-Trichlorophenol | 13.534 | 196 | 31886 | 22.089 | ng/ul | 87 |
| 43) 1,1'-Biphenyl | 13.863 | 154 | 89419 | 21.669 | ng/ul | 98 |
| 44) 2-Chloronaphthalene | 13.910 | 162 | 75229 | 22.034 | ng/ul | 98 |
| 45) 2-Nitroaniline | 14.098 | 65 | 25711 | 21.695 | ng/ul | 93 |
| 47) Dimethylphthalate | 14.457 | 163 | 90543 | 19.664 | ng/ul# | 99 |
| 48) 2,6-Dinitrotoluene | 14.580 | 165 | 18472 | 19.571 | ng/ul | 88 |
| 50) Acenaphthylene | 14.751 | 152 | 111021 | 21.356 | ng/ul | 98 |
| 51) 3-Nitroaniline | 14.909 | 138 | 17426 | 20.629 | ng/ul# | 92 |
| 52) Acenaphthene | 15.086 | 153 | 75412 | 21.117 | ng/ul | 99 |
| 53) 2,4-Dinitrophenol | 15.115 | 184 | 8205 | 13.569 | ng/ul | 91 |
| 55) 4-Nitrophenol | 15.197 | 109 | 17096 | 18.920 | ng/ul | 97 |
| 56) Dibenzofuran | 15.415 | 168 | 112422 | 20.738 | ng/ul | 97 |
| 57) 2,4-Dinitrotoluene | 15.362 | 165 | 26483 | 19.571 | ng/ul# | 85 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.632 | 232 | 26358 | 19.622 | ng/ul# | 97 |
| 59) Diethylphthalate | 15.802 | 149 | 89514 | 19.422 | ng/ul | 99 |
| 61) Fluorene | 16.061 | 166 | 87535 | 20.165 | ng/ul | 96 |
| 62) 4-Chlorophenyl-phenyle... | 16.037 | 204 | 53317 | 20.737 | ng/ul | 97 |
| 63) 4-Nitroaniline | 16.067 | 138 | 15441 | 18.708 | ng/ul | 93 |
| 66) 4,6-Dinitro-2-methylph... | 16.125 | 198 | 14094 | 16.550 | ng/ul# | 94 |
| 67) N-Nitrosodiphenylamine | 16.249 | 169 | 74180 | 20.176 | ng/ul | 98 |
| 68) 4-Bromophenyl-phenylether | 16.930 | 248 | 35501 | 21.188 | ng/ul | 97 |
| 69) Hexachlorobenzene | 17.060 | 284 | 37639 | 20.909 | ng/ul | 99 |
| 70) Atrazine | 17.177 | 200 | 31539 | 19.751 | ng/ul | 97 |
| 71) Pentachlorophenol | 17.400 | 266 | 23207 | 22.704 | ng/ul | 97 |
| 72) Phenanthrene | 17.800 | 178 | 144791 | 20.217 | ng/ul | 98 |
| 74) Anthracene | 17.888 | 178 | 144966 | 20.029 | ng/ul | 99 |
| 75) 1,2,3,4-Tetrachloroben... | 13.834 | 216 | 48473 | 23.964 | ng/uL | 95 |
| 76) Pentachlorobenzene | 15.338 | 250 | 47513 | 23.160 | ng/uL | 94 |
| 77) Carbazole | 18.153 | 167 | 123521 | 20.397 | ng/ul | 97 |
| 78) Di-n-butylphthalate | 18.675 | 149 | 142176 | 20.370 | ng/ul | 100 |
| 80) Fluoranthene | 19.780 | 202 | 173873 | 19.029 | ng/ul | 100 |
| 82) Pyrene | 20.144 | 202 | 173769 | 19.304 | ng/ul | 100 |
| 83) Butylbenzylphthalate | 20.996 | 149 | 55392 | 19.397 | ng/ul | 88 |
| 84) 3,3'-Dichlorobenzidine | 21.936 | 252 | 62244 | 22.230 | ng/ul | 97 |
| 85) Benzo(a)anthracene | 22.042 | 228 | 167361 | 20.591 | ng/ul | 97 |
| 86) Bis(2-ethylhexyl)phtha... | 21.901 | 149 | 83029 | 20.697 | ng/ul | 100 |
| 87) Chrysene | 22.113 | 228 | 155360 | 20.523 | ng/ul | 97 |
| 89) Di-n-octyl phthalate | 23.211 | 149 | 134854 | 20.271 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 24.463 | 252 | 168855 | 20.613 | ng/ul | 99 |
| 91) Benzo(k)fluoranthene | 24.533 | 252 | 161980 | 20.301 | ng/ul | 100 |
| 93) Benzo(a)pyrene | 25.420 | 252 | 146960 | 20.409 | ng/ul | 99 |
| 94) Indeno(1,2,3-cd)pyrene | 29.651 | 276 | 198083m | 20.250 | ng/ul | |
| 95) Dibenzo(a,h)anthracene | 29.727 | 278 | 166074 | 20.306 | ng/ul# | 91 |
| 96) Benzo(g,h,i)perylene | 30.920 | 276 | 160605m | 20.555 | ng/ul | |

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

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