Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121421\
Data File : BG051579.D
Acq On : 16 Dec 2021 20:54
Operator : CG/JU
Sample : M4971-10
Misc :
ALS Vial : 79 Sample Multiplier: 1

Quant Time: Dec 17 00:13:19 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 14 14:19:57 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.277 | 152 | 34333 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 11.115 | 136 | 137835 | 20.000 | ng/ul | # 0.00 |
| 38) Acenaphthene-d10 | 14.910 | 164 | 102576 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.659 | 188 | 263504 | 20.000 | ng/ul | # 0.00 |
| 79) Chrysene-d12 | 21.976 | 240 | 264411 | 20.000 | ng/ul | # 0.00 |
| 88) Perylene-d12 | 25.472 | 264 | 254538 | 20.000 | ng/ul | -0.02 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.607 | 96 | 4810 | 5.818 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 4.036 | 84 | 13790 | 5.521 | ng/ul | 0.00 |
| 7) Phenol-d5 | 7.402 | 99 | 25263 | 8.241 | ng/ul | -0.02 |
| 9) Bis-(2-Chloroethyl)eth... | 7.578 | 67 | 60277 | 33.076 | ng/ul | -0.02 |
| 11) 2-Chlorophenol-d4 | 7.802 | 132 | 58637 | 27.503 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.971 | 113 | 43502 | 18.359 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 9.446 | 128 | 37159 | 36.771 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 10.181 | 143 | 38561 | 34.906 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.721 | 165 | 77753 | 32.456 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 11.232 | 131 | 80244 | 25.441 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 14.305 | 166 | 308862 | 37.620 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.604 | 160 | 354024 | 34.720 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 15.068 | 143 | 11273 | 8.443 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.902 | 176 | 270154 | 36.727 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.996 | 200 | 47779 | 34.802 | ng/ul | -0.02 |
| 73) Anthracene-d10 | 17.759 | 188 | 490038 | 38.985 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 20.032 | 212 | 606174 | 38.092 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 25.237 | 264 | 549551 | 41.033 | ng/ul | -0.02 |
| Target Compounds | | | | | | Qvalue |
| 16) Acetophenone | 9.100 | 105 | 4107 | 1.103 | ng/ul# | 78 |
| 35) 4-Chloro-3-methylphenol | 12.354 | 107 | 12821 | 5.020 | ng/ul# | 85 |

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

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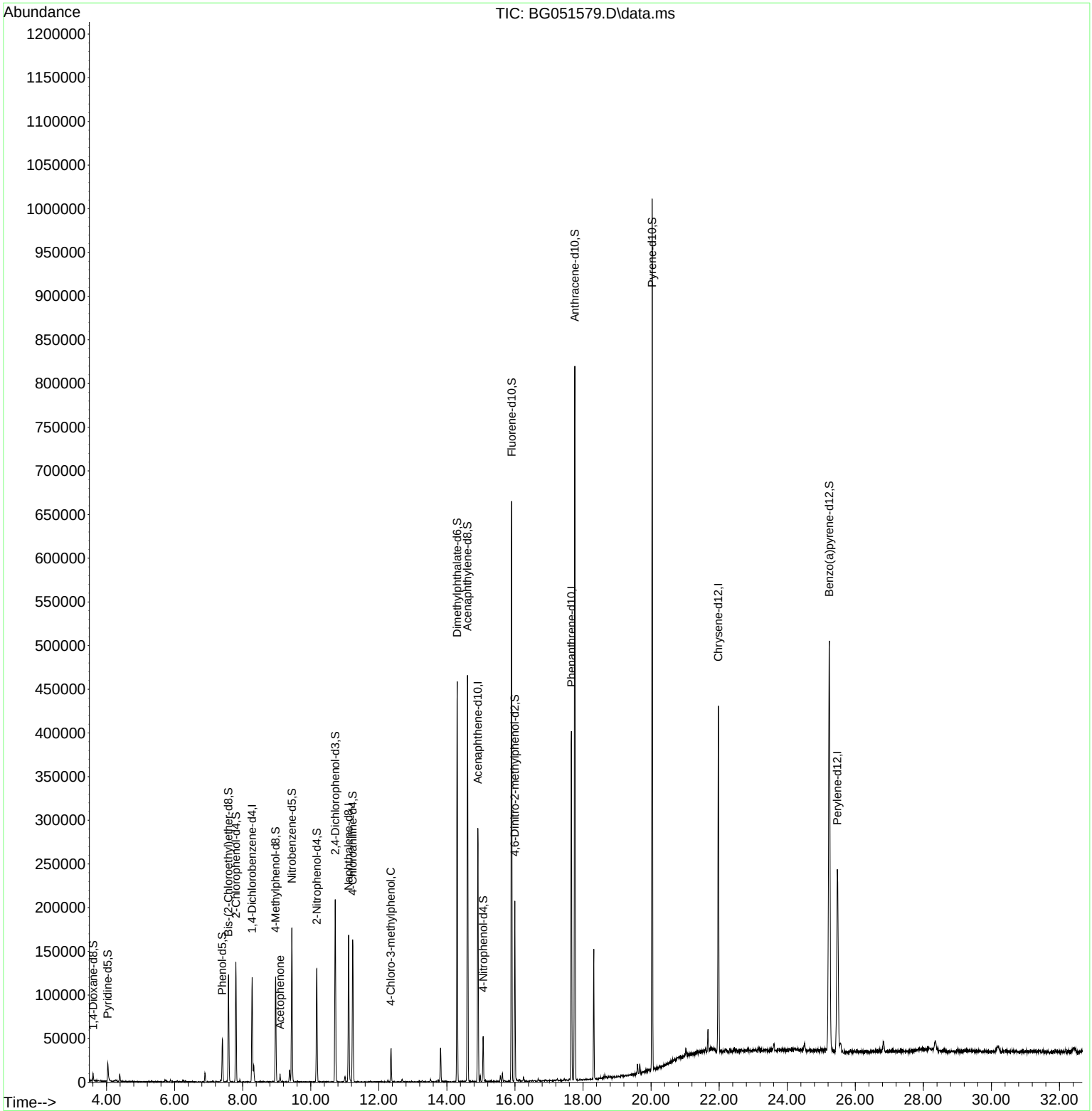
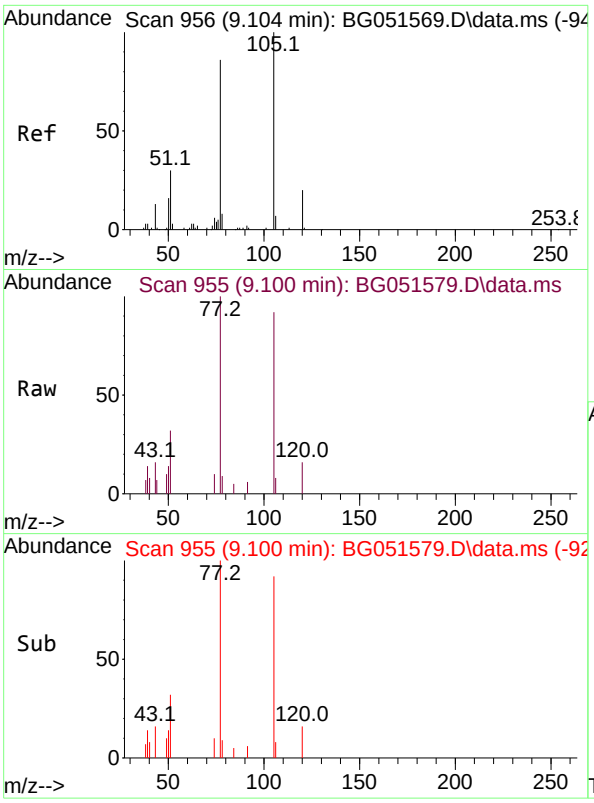
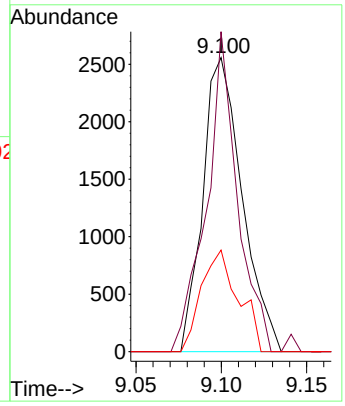


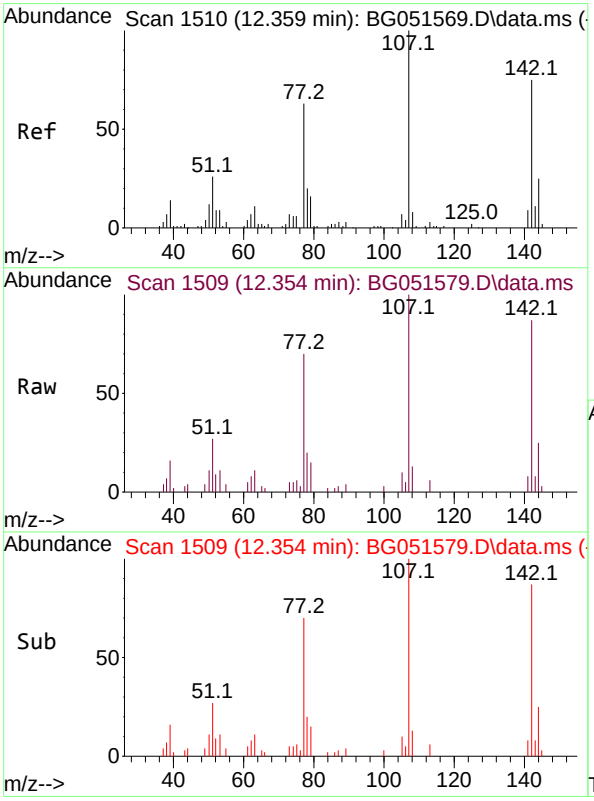



#16
Acetophenone
Concen: 1.103 ng/ul
RT: 9.100 min Scan# 955
Delta R.T. -0.015 min
Lab File: BG051579.D
Acq: 16 Dec 2021 20:54

Tgt Ion:105 Resp: 4107

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 77 | 108.8 | 67.3 | 100.9# |
| 51 | 34.5 | 24.0 | 36.0 |




#35
4-Chloro-3-methylphenol
Concen: 5.020 ng/ul
RT: 12.354 min Scan# 1509
Delta R.T. -0.015 min
Lab File: BG051579.D
Acq: 16 Dec 2021 20:54

Tgt Ion:107 Resp: 12821

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 24.5 | 19.8 | 29.6 |
| 142 | 86.8 | 56.2 | 84.4# |