Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100223\
Data File : BG059256.D
Acq On : 2 Oct 2023 19:41
Operator : MA/JU
Sample : 04480-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BBJY5

Quant Time: Oct 02 23:56:14 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 28 04:33:25 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.229 | 152 | 46465 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 11.073 | 136 | 223424 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.862 | 164 | 142377 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.612 | 188 | 314152 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.907 | 240 | 287212 | 20.000 | ng/ul | -0.01 |
| 88) Perylene-d12 | 25.385 | 264 | 343778 | 20.000 | ng/ul | -0.03 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.529 | 96 | 5854 | 4.755 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.969 | 84 | 48508 | 13.504 | ng/ul | 0.00 |
| 7) Phenol-d5 | 7.359 | 99 | 40294 | 8.663 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.553 | 67 | 113318 | 38.139 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.747 | 132 | 98586 | 31.532 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.922 | 113 | 73130 | 20.341 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 9.428 | 128 | 70109 | 44.468 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 10.144 | 143 | 68766 | 44.430 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.673 | 165 | 123616 | 38.879 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 11.220 | 131 | 142243 | 27.651 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 14.257 | 166 | 440090 | 42.753 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.569 | 160 | 530360 | 41.048 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 15.050 | 143 | 15268 | 8.494 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.849 | 176 | 405399 | 41.378 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.961 | 200 | 63216 | 39.148 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.712 | 188 | 622958 | 43.520 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.986 | 212 | 704183 | 43.781 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 25.150 | 264 | 740199 | 44.806 | ng/ul | -0.01 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.570 | 88 | 2235 | 1.545 | ng/uL# | 51 |
| 6) Benzaldehyde | 7.412 | 77 | 8154 | 3.992 | ng/ul# | 1 |
| 19) Hexachloroethane | 9.334 | 117 | 28971 | 22.308 | ng/ul# | 7 |
| 30) Naphthalene | 11.126 | 128 | 120087 | 10.024 | ng/ul | 95 |
| 37) 1-Methylnaphthalene | 12.929 | 142 | 29705 | 3.729 | ng/ul# | 80 |

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

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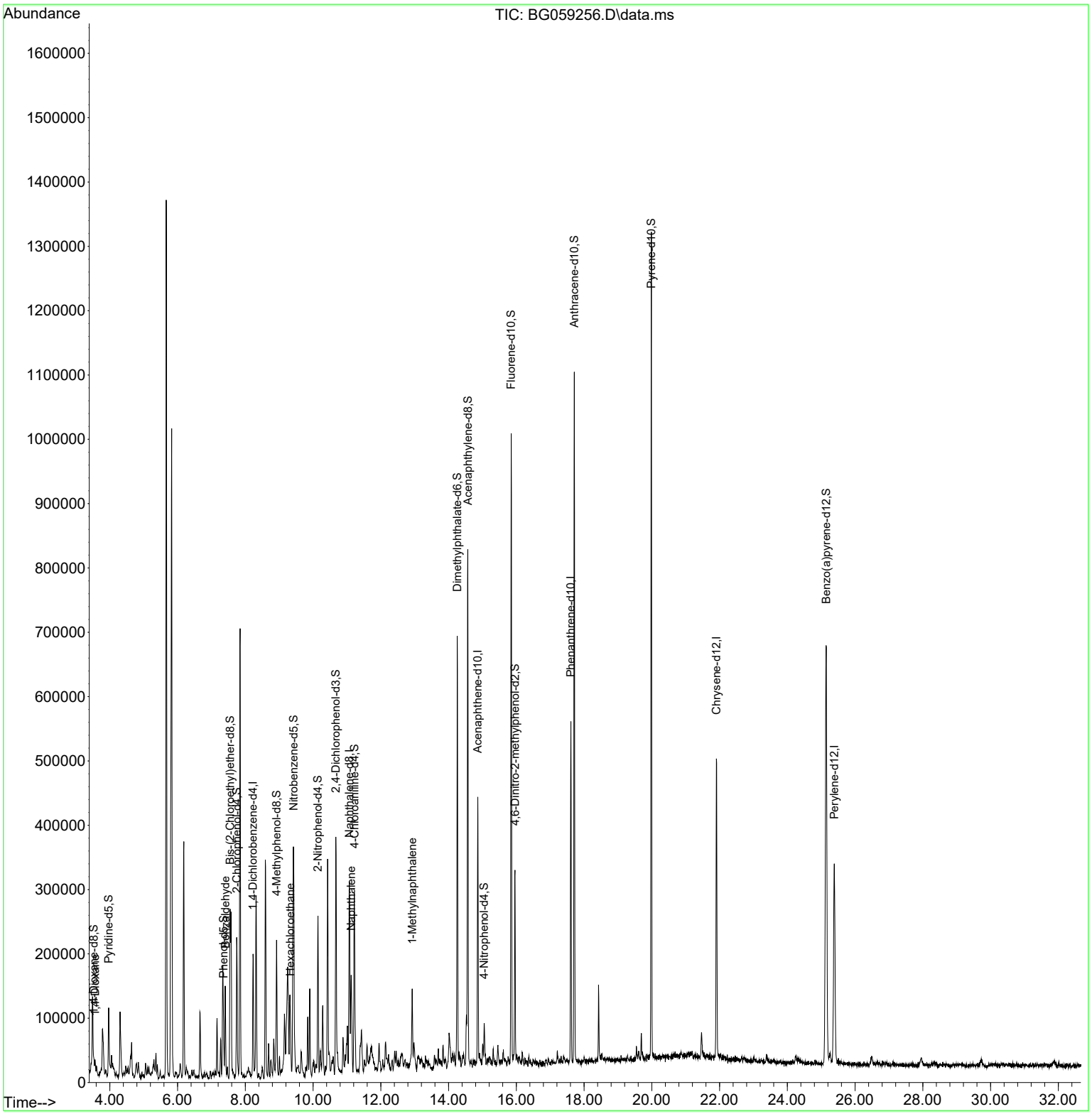
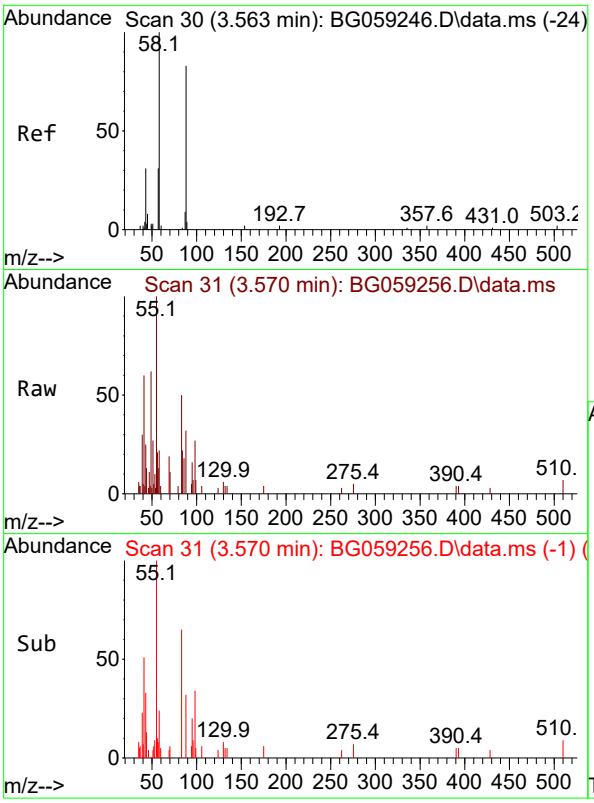


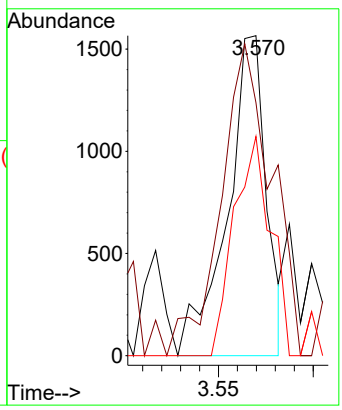


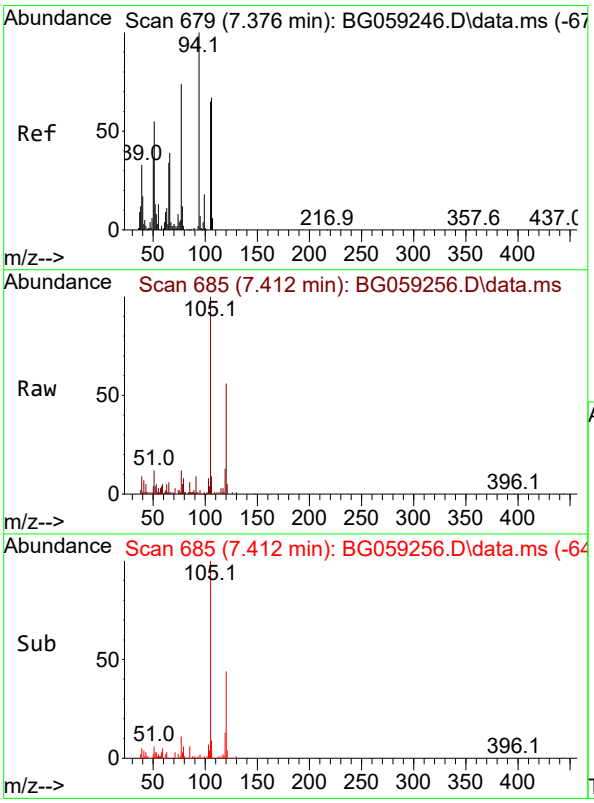

#2
1,4-Dioxane
Concen: 1.545 ng/uL
RT: 3.570 min Scan# 3
Delta R.T. 0.004 min
Lab File: BG059256.D
Acq: 2 Oct 2023 19:41

**Instrument :**
BNA_G
**ClientSampleId :**
BBJY5

Tgt Ion: 88 Resp: 2235

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 79.1 | 34.5 | 51.7# |
| 58 | 68.5 | 96.6 | 145.0# |

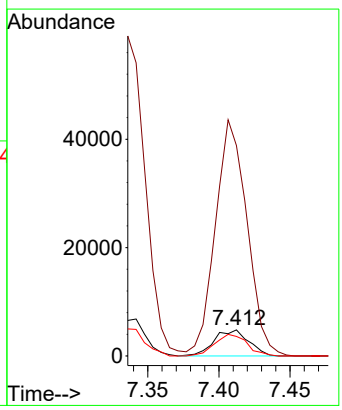


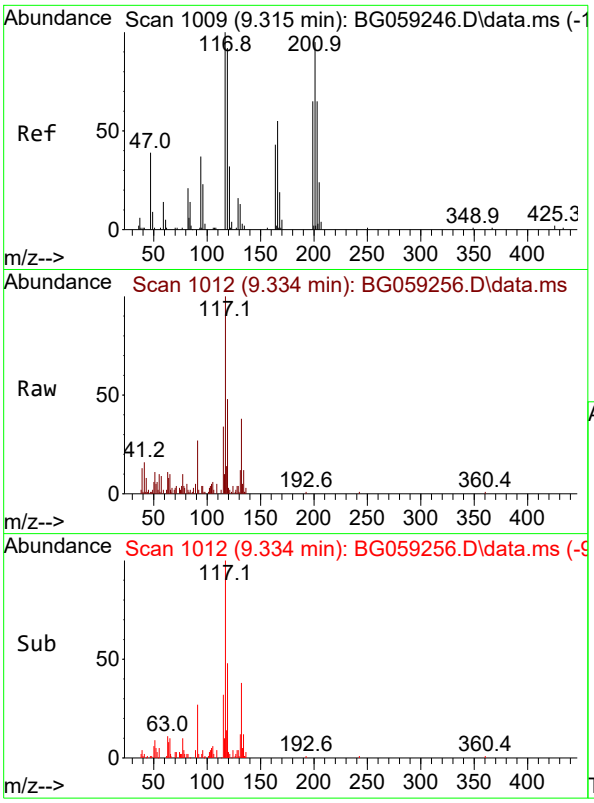




#6
Benzaldehyde
Concen: 3.992 ng/ul
RT: 7.412 min Scan# 685
Delta R.T. 0.033 min
Lab File: BG059256.D
Acq: 2 Oct 2023 19:41

Tgt Ion: 77 Resp: 8154

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 808.8 | 81.4 | 122.2# |
| 106 | 75.4 | 78.3 | 117.5# |



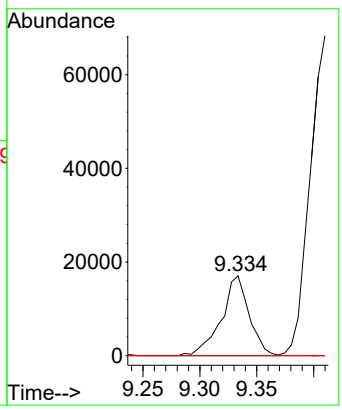


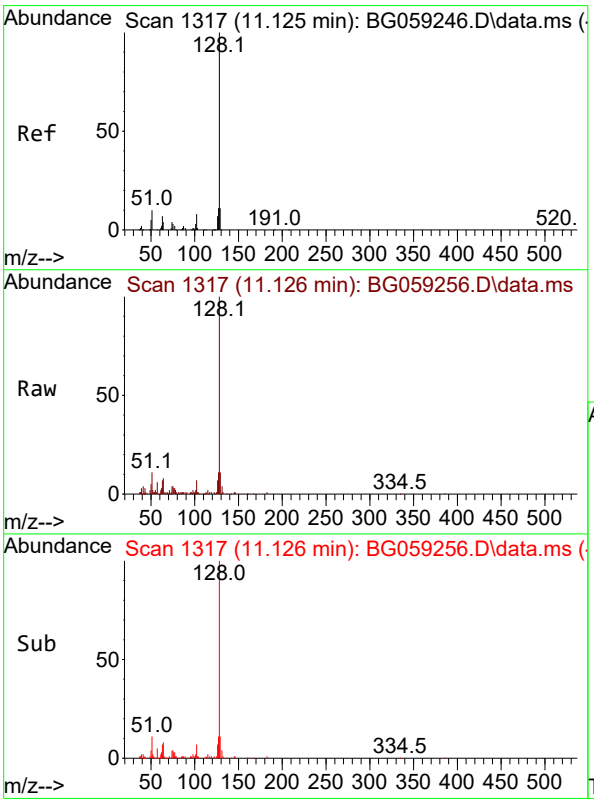

#19
Hexachloroethane
Concen: 22.308 ng/ul
RT: 9.334 min Scan# 1
Delta R.T. 0.015 min
Lab File: BG059256.D
Acq: 2 Oct 2023 19:41

**Instrument :**
BNA_G
**ClientSampleId :**
BBJY5

Tgt Ion:117 Resp: 28971

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 201 | 0.0 | 78.2 | 117.4# |
| 199 | 0.0 | 53.5 | 80.3# |

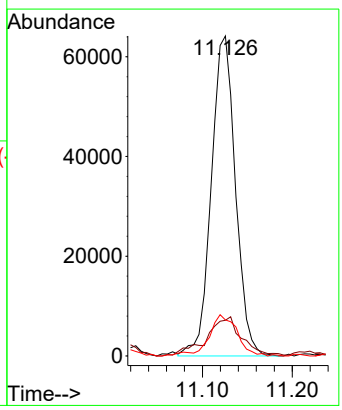


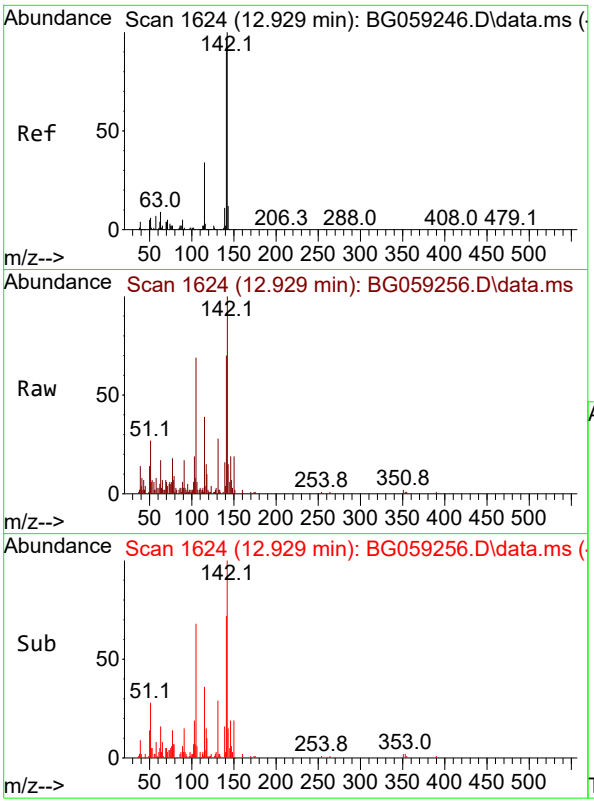




#30
Naphthalene
Concen: 10.024 ng/ul
RT: 11.126 min Scan# 1317
Delta R.T. -0.002 min
Lab File: BG059256.D
Acq: 2 Oct 2023 19:41

Tgt Ion:128 Resp: 120087

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.1 | 8.0 | 12.0 |
| 127 | 11.2 | 11.1 | 16.7 |






#37
1-Methylnaphthalene
Concen: 3.729 ng/ul
RT: 12.929 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG059256.D
Acq: 2 Oct 2023 19:41

**Instrument :**
BNA_G
**ClientSampleId :**
BBJY5

Tgt Ion:142 Resp: 29705

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 70.4 | 71.6 | 107.4# |
| 116 | 3.8 | 2.3 | 3.5# |