Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101720\
Data File : BG046945.D
Acq On : 17 Oct 2020 16:57
Operator : CG/JU
Sample : L4259-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Oct 19 01:44:10 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 19 00:57:03 2020
Response via : Initial Calibration

**Instrument :**
BNA_G
**ClientSampleId :**
C5CF9

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| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.07 | 152 | 69752 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.88 | 136 | 306596 | 20.00 | ng/ul | 0.00 |
| 36) Acenaphthene-d10 | 14.70 | 164 | 223155 | 20.00 | ng/ul | 0.00 |
| 62) Phenanthrene-d10 | 17.44 | 188 | 507016 | 20.00 | ng/ul | 0.00 |
| 78) Chrysene-d12 | 21.71 | 240 | 481864 | 20.00 | ng/ul | 0.00 |
| 86) Perylene-d12 | 24.96 | 264 | 487529 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.48 | 96 | 1735m | 1.10 | ng/uL | 0.00 |
| 5) Phenol-d5 | 7.22 | 99 | 39023 | 6.40 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.39 | 67 | 94003 | 26.38 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.61 | 132 | 102868 | 22.40 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.77 | 113 | 74785 | 15.22 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 9.23 | 128 | 68018 | 26.10 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.96 | 143 | 77838 | 26.19 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.50 | 165 | 144848 | 24.84 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 11.01 | 131 | 13268 | 1.98 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6 | 14.10 | 166 | 549128 | 29.62 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8 | 14.39 | 160 | 600949 | 28.44 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4 | 14.89 | 143 | 23691 | 7.41 | ng/ul | 0.00 |
| 58) Fluorene-d10 | 15.69 | 176 | 480812 | 28.22 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.80 | 200 | 116282 | 33.30 | ng/ul | 0.00 |
| 71) Anthracene-d10 | 17.54 | 188 | 769774 | 31.34 | ng/ul | 0.00 |
| 79) Pyrene-d10 | 19.83 | 212 | 959527 | 36.33 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12 | 24.74 | 264 | 894417 | 32.57 | ng/ul | -0.01 |
| **Target Compounds** | | | | | | Qvalue |
| 45) Dimethylphthalate | 14.14 | 163 | 25835 | 1.344 | ng/ul | 99 |
| 56) 2,3,4,6-Tetrachlorophenol | 15.33 | 232 | 6952 | 1.241 | ng/ul# | 86 |
| 69) Pentachlorophenol | 17.09 | 266 | 303533 | 69.423 | ng/ul | 99 |

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

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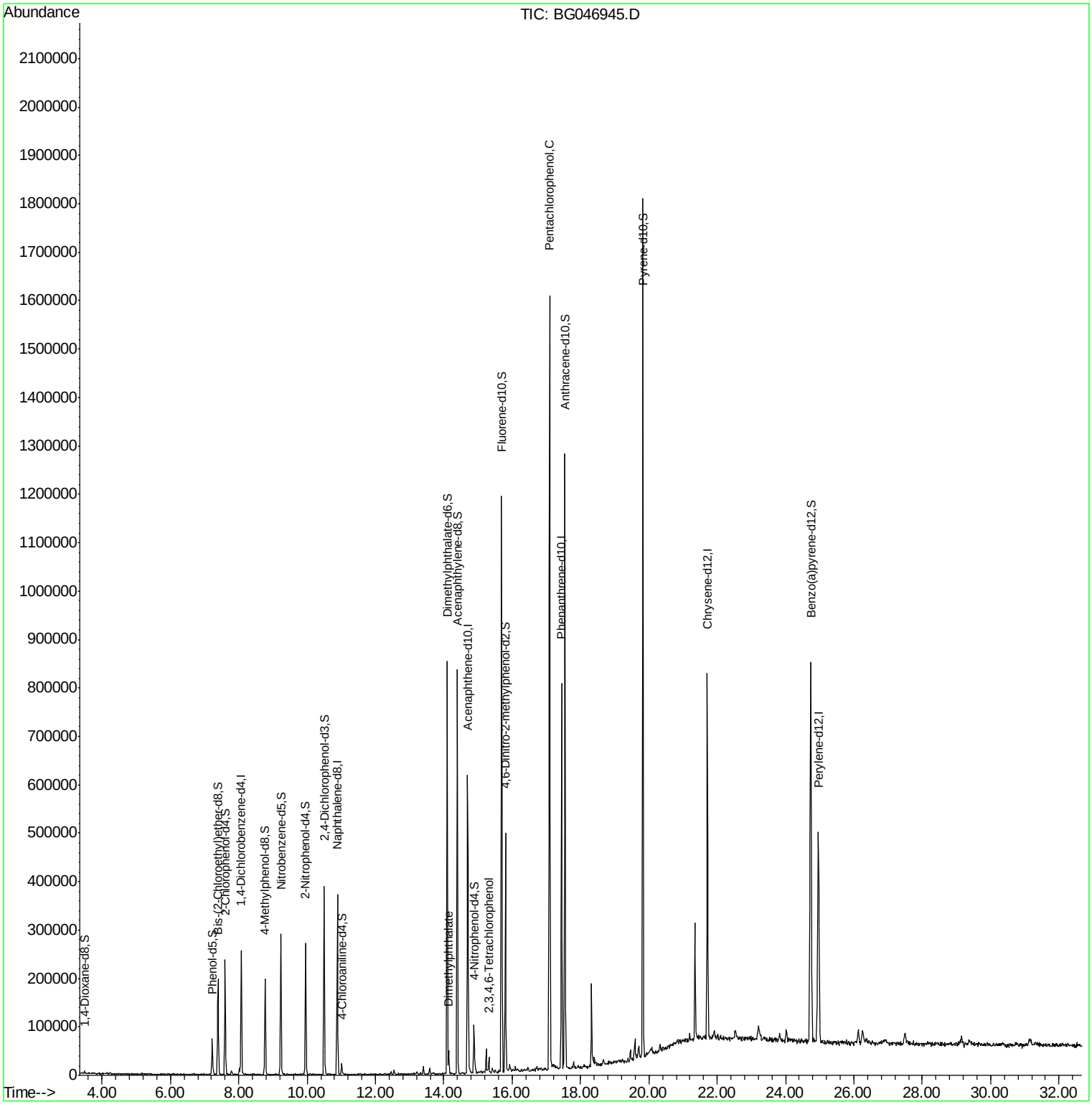
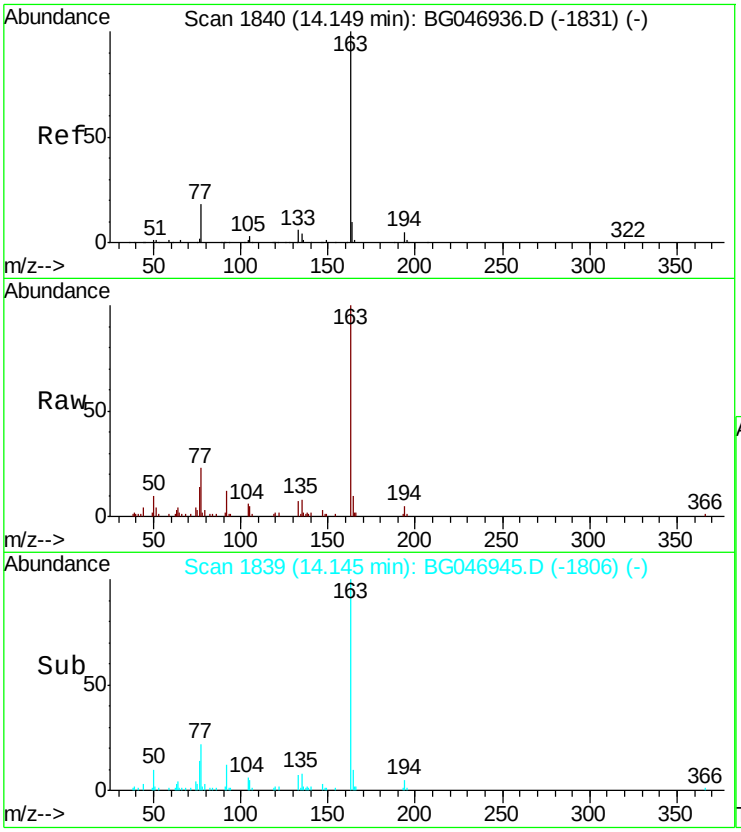
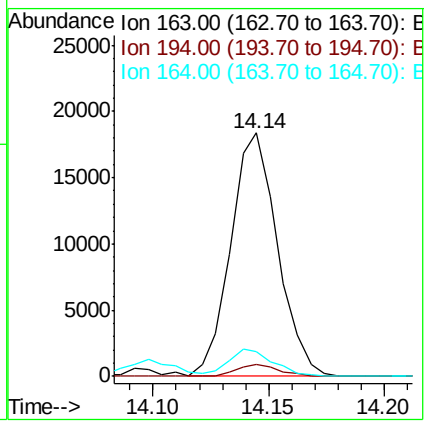





#45
Dimethylphthalate
Concen: 1.344 ng/ul
RT: 14.14 min Scan# 1839
Delta R.T. -0.00 min
Lab File: BG046945.D
Acq: 17 Oct 2020 16:57

Tgt Ion:163 Resp: 25835

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.8 | 3.9 | 5.9 |
| 164 | 10.3 | 7.8 | 11.8 |

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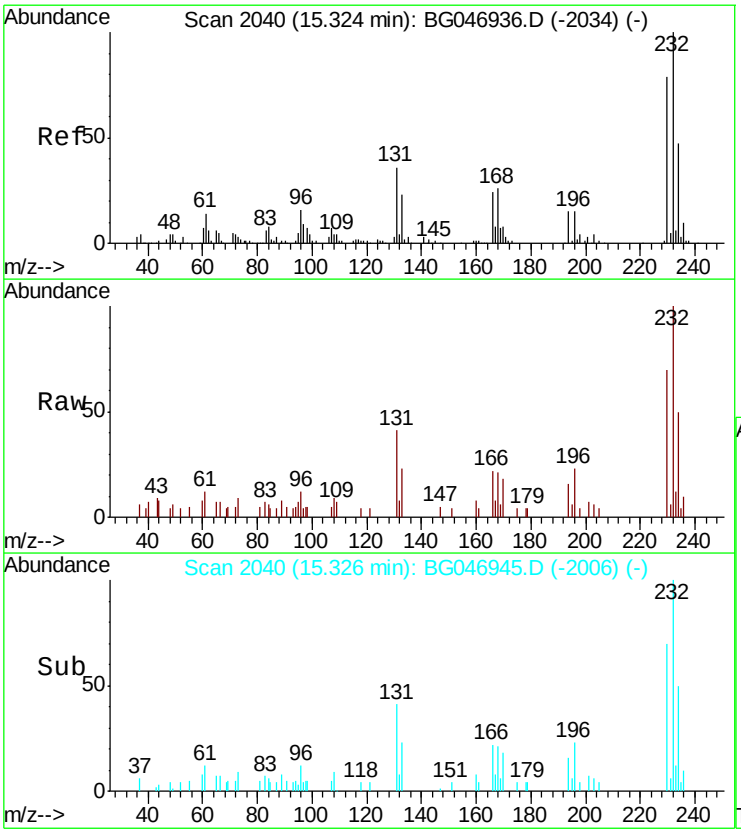
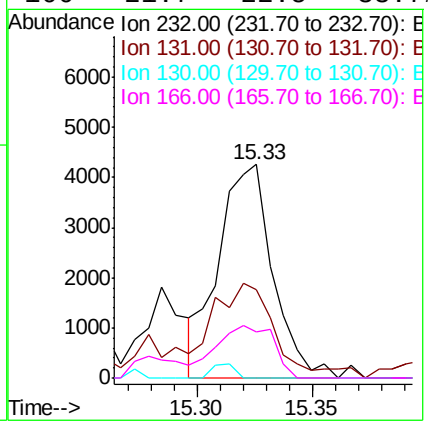
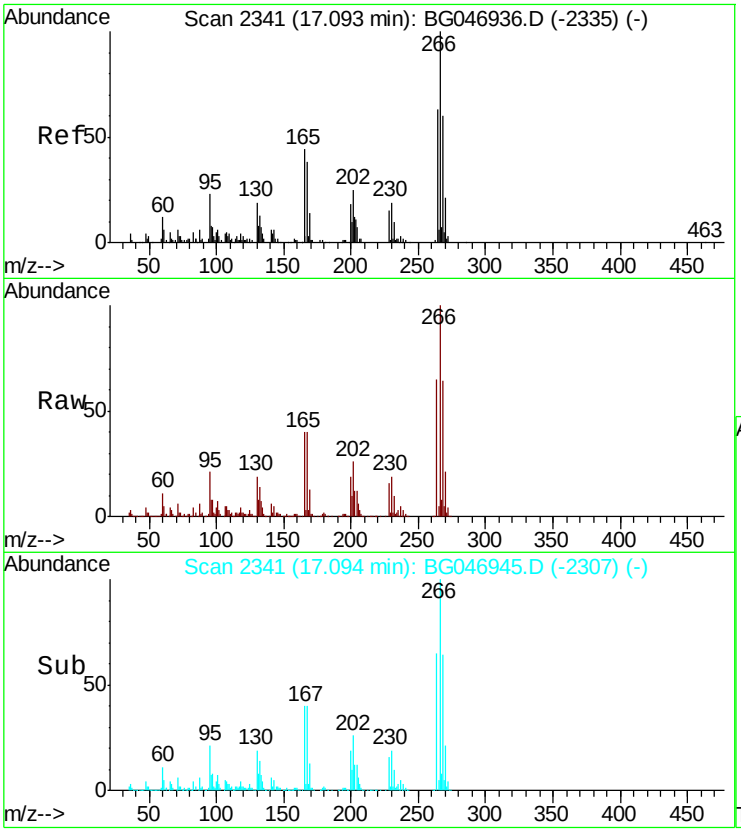



#56
2,3,4,6-Tetrachlorophenol
Concen: 1.241 ng/ul
RT: 15.33 min Scan# 2040
Delta R.T. 0.00 min
Lab File: BG046945.D
Acq: 17 Oct 2020 16:57

Tgt Ion:232 Resp: 6952

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 41.3 | 26.2 | 39.4# |
| 130 | 0.0 | 0.0 | 0.0 |
| 166 | 21.7 | 22.5 | 33.7# |

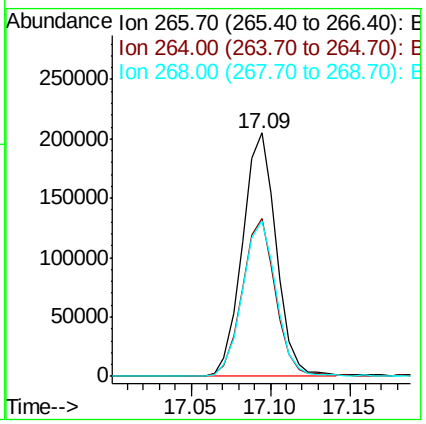





#69
Pentachlorophenol
Concen: 69.423 ng/ul
RT: 17.09 min Scan# 2341
Delta R.T. 0.00 min
Lab File: BG046945.D
Acq: 17 Oct 2020 16:57

Tgt Ion:266 Resp: 303533

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 264 | 64.7 | 52.6 | 78.8 |
| 268 | 64.0 | 52.2 | 78.2 |




**Instrument :**
BNA_G
**ClientSampleId :**
C5CF9

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