Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032522\
Data File : BG052845.D
Acq On : 26 Mar 2022 1:48
Operator : CG/JU
Sample : N2079-08
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Mar 26 05:02:04 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG031822.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 23 13:16:32 2022
Response via : Initial Calibration

**Instrument :**
BNA_G
**ClientSampleId :**
EW5Y8

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 03/28/2022
Supervised By :mohammad ahmed 03/29/2022

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.141 | 152 | 30621 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.955 | 136 | 135102 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.761 | 164 | 109726 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.505 | 188 | 273112 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.793 | 240 | 304111 | 20.000 | ng/ul | # 0.00 |
| 88) Perylene-d12 | 25.106 | 264 | 302493 | 20.000 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.547 | 96 | 5455m | 6.293 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.976 | 84 | 17103 | 7.903 | ng/ul | 0.00 |
| 7) Phenol-d5 | 7.283 | 99 | 21687 | 7.907 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.459 | 67 | 59123 | 35.296 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.671 | 132 | 50055 | 26.879 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.834 | 113 | 37071 | 18.660 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 9.298 | 128 | 35490 | 36.493 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 10.021 | 143 | 39478 | 38.487 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.567 | 165 | 69603 | 31.191 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 11.078 | 131 | 93791 | 31.800 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 14.156 | 166 | 306580 | 36.369 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.456 | 160 | 349825 | 34.152 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.932 | 143 | 12247 | 8.641 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.754 | 176 | 269338 | 36.389 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.854 | 200 | 54822 | 39.444 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.604 | 188 | 466632 | 36.691 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.884 | 212 | 585539 | 34.418 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 24.883 | 264 | 598967 | 38.322 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.594 | 88 | 3018 | 2.841 | ng/uL# | 76 |

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

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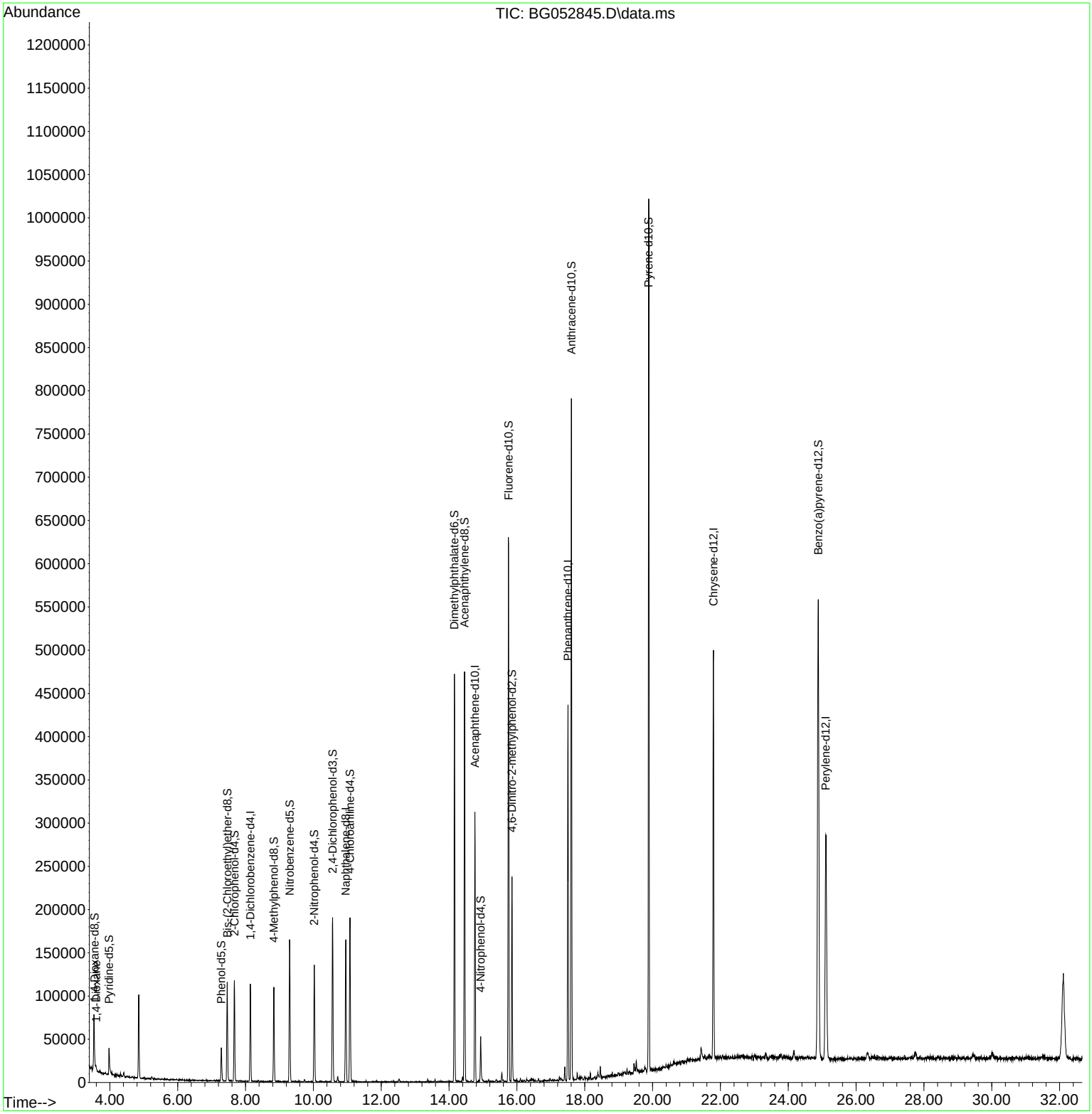
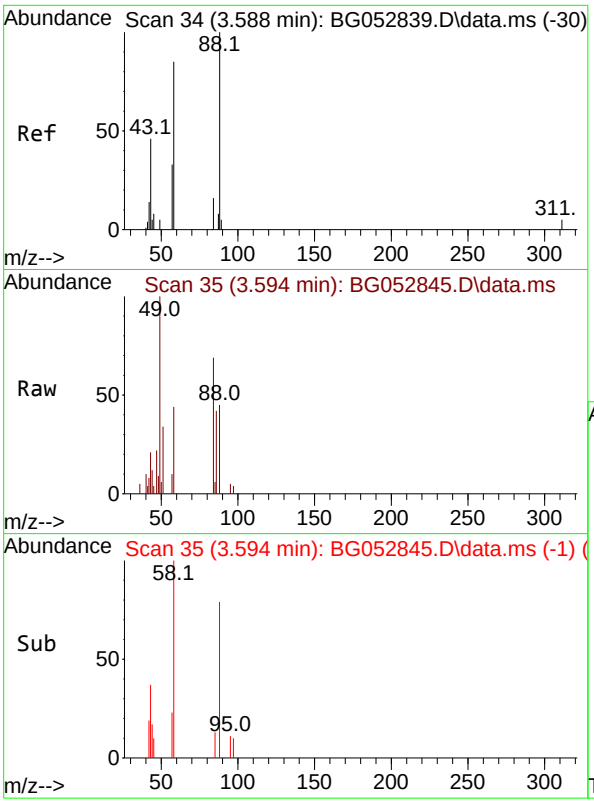
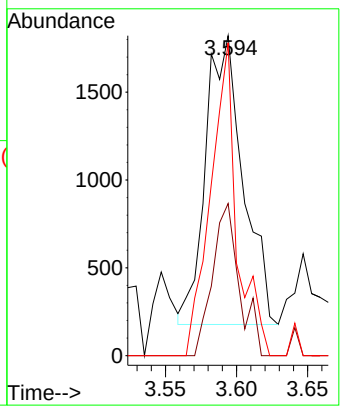





#2
1,4-Dioxane
Concen: 2.841 ng/uL
RT: 3.594 min Scan# 3
Delta R.T. 0.000 min
Lab File: BG052845.D
Acq: 26 Mar 2022 1:48

Tgt Ion: 88 Resp: 301

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 47.5 | 30.6 | 46.0# |
| 58 | 97.8 | 58.6 | 87.8# |

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