Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122023\
Data File : BP018973.D
Acq On : 20 Dec 2023 22:17
Operator : MA/JU
Sample : 05830-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
H0AD1

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/22/2023

Quant Time: Dec 20 23:01:44 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 19 05:28:03 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.822 | 152 | 112583 | 20.000 | ng/ul | -0.01 |
| 20) Naphthalene-d8 | 10.616 | 136 | 413383 | 20.000 | ng/ul | -0.01 |
| 38) Acenaphthene-d10 | 14.457 | 164 | 266921 | 20.000 | ng/ul | -0.01 |
| 64) Phenanthrene-d10 | 17.210 | 188 | 663954 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.298 | 240 | 753753 | 20.000 | ng/ul | -0.02 |
| 88) Perylene-d12 | 23.663 | 264 | 913522 | 20.000 | ng/ul | -0.02 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.252 | 96 | 9466 | 2.865 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.675 | 84 | 92807 | 10.487 | ng/ul | 0.00 |
| 7) Phenol-d5 | 6.999 | 99 | 35870 | 3.175 | ng/ul | -0.02 |
| 9) Bis-(2-Chloroethyl)eth... | 7.164 | 67 | 146970 | 21.948 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.358 | 132 | 100180 | 11.364 | ng/ul | -0.01 |
| 15) 4-Methylphenol-d8 | 8.540 | 113 | 77565 | 8.483 | ng/ul | -0.02 |
| 21) Nitrobenzene-d5 | 8.987 | 128 | 98225 | 26.697 | ng/ul | -0.01 |
| 24) 2-Nitrophenol-d4 | 9.705 | 143 | 65759 | 17.239 | ng/ul | -0.01 |
| 28) 2,4-Dichlorophenol-d3 | 10.246 | 165 | 119236 | 15.287 | ng/ul | -0.01 |
| 31) 4-Chloroaniline-d4 | 10.763 | 131 | 176055 | 17.271 | ng/ul | -0.01 |
| 46) Dimethylphthalate-d6 | 13.875 | 166 | 744512 | 31.252 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.151 | 160 | 773848 | 29.500 | ng/ul | -0.01 |
| 54) 4-Nitrophenol-d4 | 14.687 | 143 | 13526m | 3.459 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.451 | 176 | 658768 | 32.943 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.581 | 200 | 72621 | 18.242 | ng/ul | -0.01 |
| 73) Anthracene-d10 | 17.310 | 188 | 1239624 | 35.514 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.545 | 212 | 1648018 | 28.088 | ng/ul | -0.01 |
| 92) Benzo(a)pyrene-d12 | 23.510 | 264 | 1911531 | 35.887 | ng/ul | -0.02 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.287 | 88 | 20005 | 5.522 | ng/uL | 96 |

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

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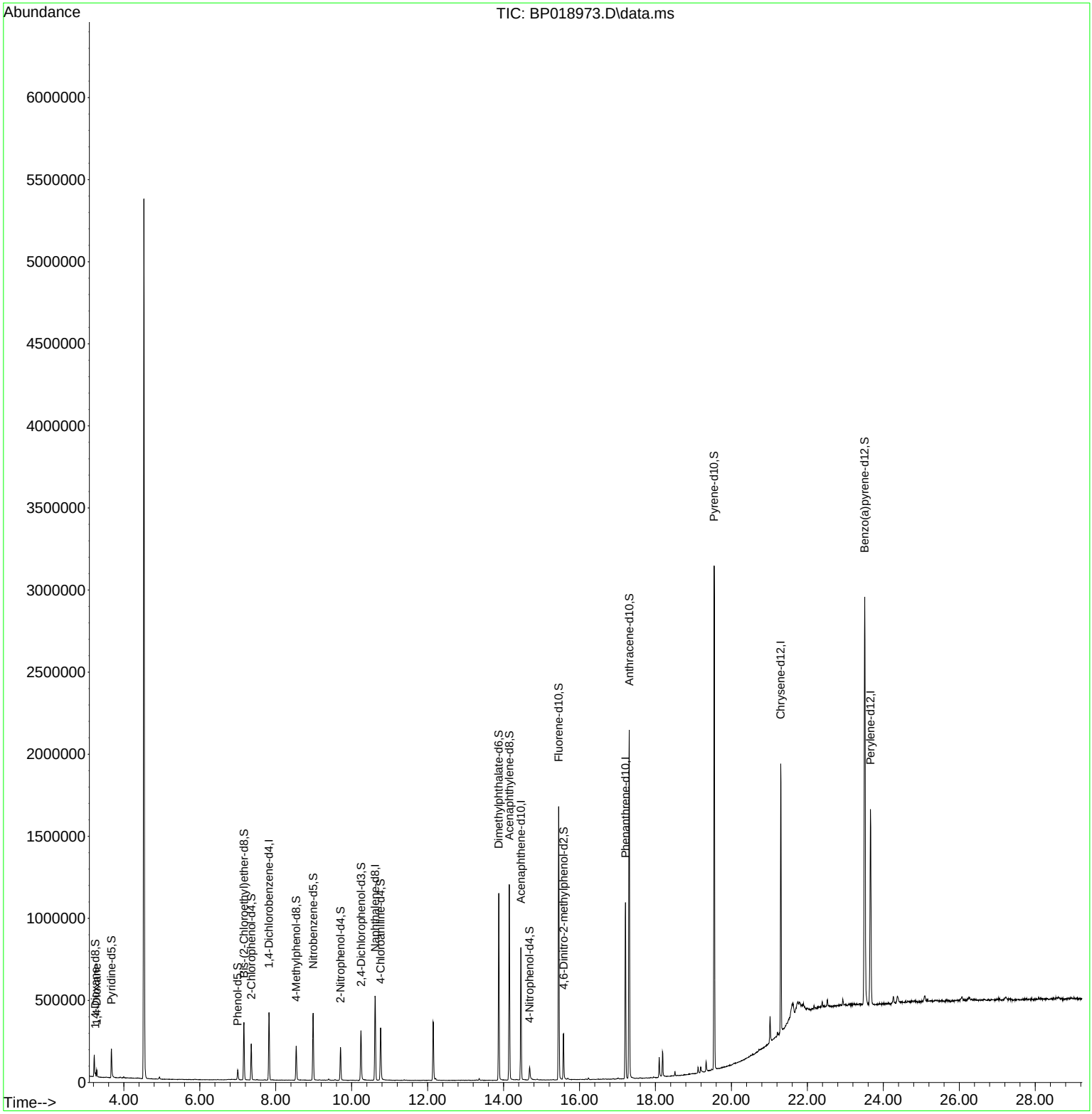
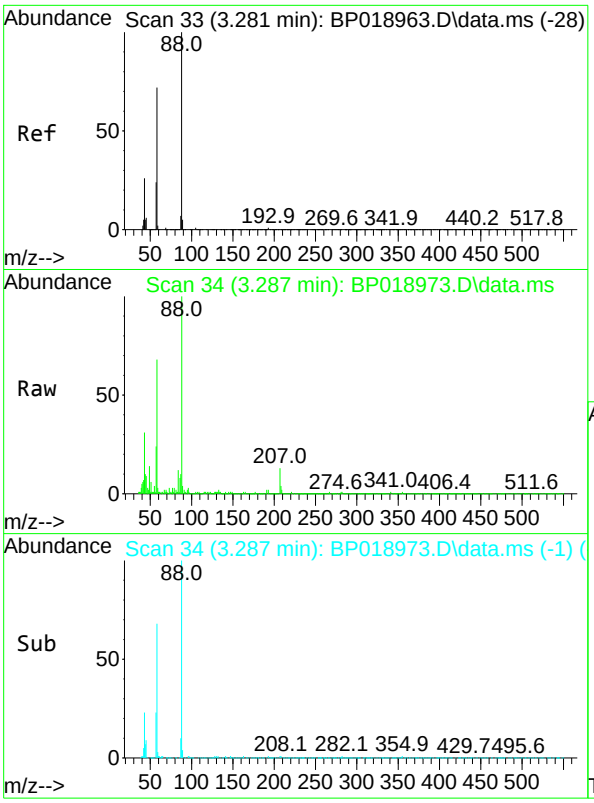
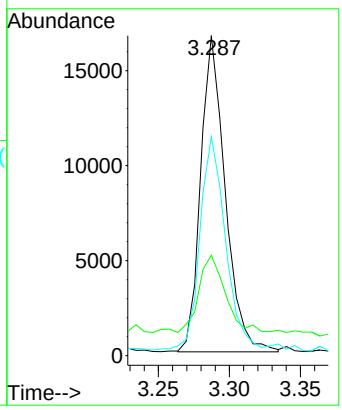





#2
1,4-Dioxane
Concen: 5.522 ng/uL
RT: 3.287 min Scan# 34
Delta R.T. -0.006 min
Lab File: BP018973.D
Acq: 20 Dec 2023 22:17

Tgt Ion: 88 Resp: 2000

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 31.4 | 21.8 | 32.6 |
| 58 | 68.5 | 56.5 | 84.7 |

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