Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120723\
Data File : BP018714.D
Acq On : 08 Dec 2023 16:04
Operator : MA/JU
Sample : 05459-04
Misc :
ALS Vial : 49 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0AA2

Quant Time: Dec 08 16:46:14 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 04 21:39:40 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.846 | 152 | 125242 | 20.000 | ng/ul | -0.01 |
| 20) Naphthalene-d8 | 10.640 | 136 | 464065 | 20.000 | ng/ul | -0.01 |
| 38) Acenaphthene-d10 | 14.475 | 164 | 284940 | 20.000 | ng/ul | -0.01 |
| 64) Phenanthrene-d10 | 17.222 | 188 | 730737 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.310 | 240 | 1024209 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 23.674 | 264 | 1167584 | 20.000 | ng/ul | -0.01 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.264 | 96 | 2967 | 0.807 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.687 | 84 | 31753 | 3.225 | ng/ul | 0.00 |
| 7) Phenol-d5 | 7.010 | 99 | 92257 | 7.340 | ng/ul | -0.01 |
| 9) Bis-(2-Chloroethyl)eth... | 7.181 | 67 | 55576 | 7.461 | ng/ul | -0.01 |
| 11) 2-Chlorophenol-d4 | 7.369 | 132 | 69254 | 7.062 | ng/ul | -0.02 |
| 15) 4-Methylphenol-d8 | 8.552 | 113 | 57851 | 5.688 | ng/ul | -0.02 |
| 21) Nitrobenzene-d5 | 9.004 | 128 | 33061 | 8.004 | ng/ul | -0.01 |
| 24) 2-Nitrophenol-d4 | 9.728 | 143 | 32743 | 7.646 | ng/ul | -0.01 |
| 28) 2,4-Dichlorophenol-d3 | 10.263 | 165 | 68116 | 7.779 | ng/ul | -0.01 |
| 31) 4-Chloroaniline-d4 | 10.781 | 131 | 77896 | 6.807 | ng/ul | -0.01 |
| 46) Dimethylphthalate-d6 | 13.887 | 166 | 212748 | 8.366 | ng/ul | -0.02 |
| 49) Acenaphthylene-d8 | 14.163 | 160 | 239767 | 8.562 | ng/ul | -0.02 |
| 54) 4-Nitrophenol-d4 | 14.675 | 143 | 25531 | 6.116 | ng/ul | -0.01 |
| 60) Fluorene-d10 | 15.463 | 176 | 204092 | 9.561 | ng/ul | -0.01 |
| 65) 4,6-Dinitro-2-methylph... | 15.581 | 200 | 17486 | 3.991 | ng/ul | -0.01 |
| 73) Anthracene-d10 | 17.316 | 188 | 349241 | 9.091 | ng/ul | -0.01 |
| 81) Pyrene-d10 | 19.557 | 212 | 611223 | 7.667 | ng/ul | -0.01 |
| 92) Benzo(a)pyrene-d12 | 23.521 | 264 | 612000 | 8.990 | ng/ul | -0.01 |
| Target Compounds | | | | | | Qvalue |
| 8) Phenol | 7.040 | 94 | 12507 | 1.015 | ng/ul | 96 |
| 16) Acetophenone | 8.669 | 105 | 62917 | 4.151 | ng/ul | 97 |

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

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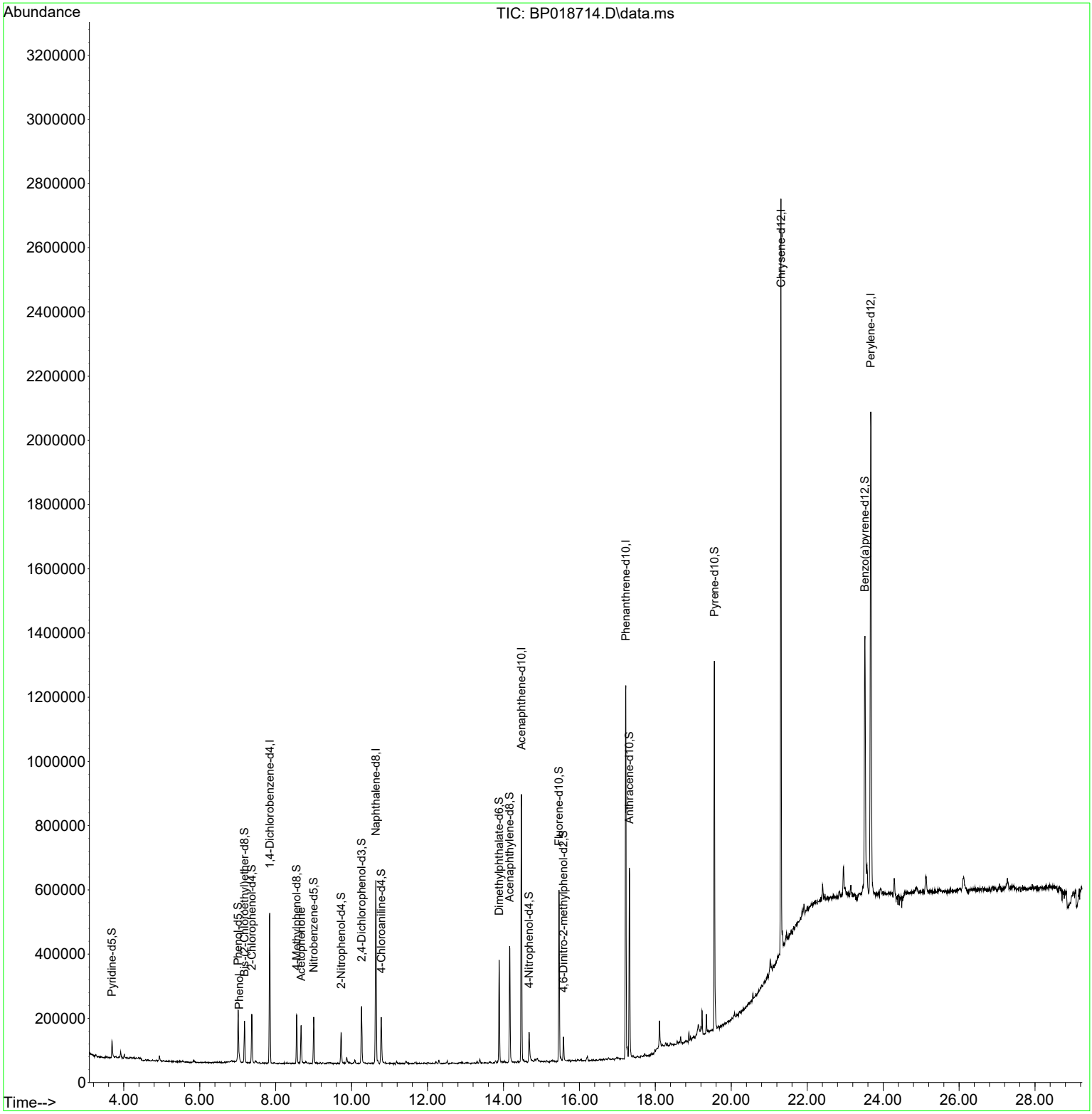
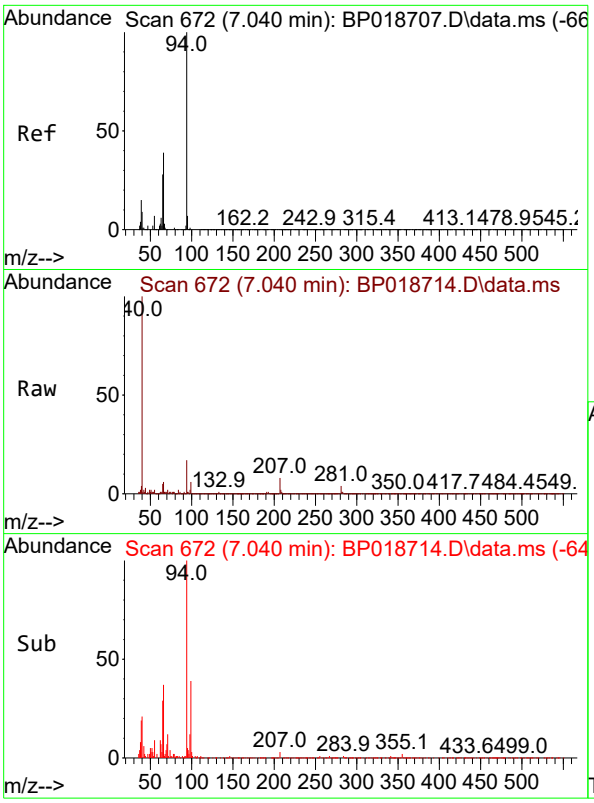


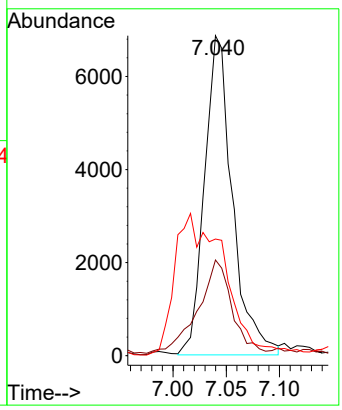


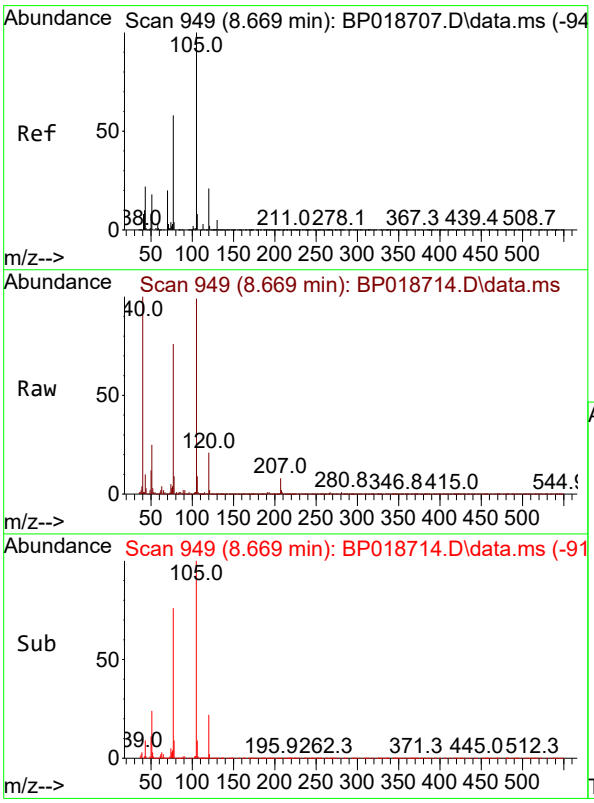

#8
Phenol
Concen: 1.015 ng/ul
RT: 7.040 min Scan# 6
Delta R.T. -0.012 min
Lab File: BP018714.D
Acq: 08 Dec 2023 16:04

**Instrument :**
BNA_P
**ClientSampleId :**
C0AA2

Tgt Ion: 94 Resp: 12507

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 29.9 | 21.0 | 31.6 |
| 66 | 36.5 | 28.6 | 43.0 |




#16
Acetophenone
Concen: 4.151 ng/ul
RT: 8.669 min Scan# 949
Delta R.T. -0.012 min
Lab File: BP018714.D
Acq: 08 Dec 2023 16:04

Tgt Ion:105 Resp: 62917

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 77 | 77.0 | 59.4 | 89.0 |
| 51 | 25.2 | 19.4 | 29.0 |