Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101422\
Data File : BN022097.D
Acq On : 13 Oct 2022 20:45
Operator : CG/JU
Sample : N5025-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
C0BD4

Quant Time: Oct 13 22:41:08 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 13 03:08:08 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.958 | 152 | 133839 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.787 | 136 | 640878 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.628 | 164 | 426206 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.386 | 188 | 904557 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.580 | 240 | 935616 | 20.000 | ng/ul | -0.01 |
| 88) Perylene-d12 | 24.045 | 264 | 983366 | 20.000 | ng/ul | -0.01 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.258 | 96 | 11009 | 3.118 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.711 | 84 | 24516 | 2.232 | ng/ul | 0.02 |
| 7) Phenol-d5 | 7.111 | 99 | 192243 | 14.693 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.281 | 67 | 131733 | 16.067 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.481 | 132 | 146398 | 16.137 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.675 | 113 | 153941 | 14.807 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 9.140 | 128 | 72485 | 15.425 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.863 | 143 | 73860 | 15.334 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.404 | 165 | 132257 | 14.628 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.934 | 131 | 154324 | 10.440 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 14.040 | 166 | 486415 | 16.372 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.322 | 160 | 518452 | 15.627 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.828 | 143 | 62210 | 9.810 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.622 | 176 | 422956 | 16.878 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.745 | 200 | 39985 | 7.748 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.481 | 188 | 671635 | 17.086 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.780 | 212 | 770166 | 16.533 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 23.880 | 264 | 809855 | 16.793 | ng/ul | -0.02 |
| Target Compounds | | | | | | Qvalue |
| 8) Phenol | 7.140 | 94 | 14745 | 1.062 | ng/ul | 97 |
| 87) Chrysene | 21.616 | 228 | 69635 | 1.212 | ng/ul# | 93 |
| 93) Benzo(a)pyrene | 23.933 | 252 | 101581 | 1.833 | ng/ul | 95 |

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

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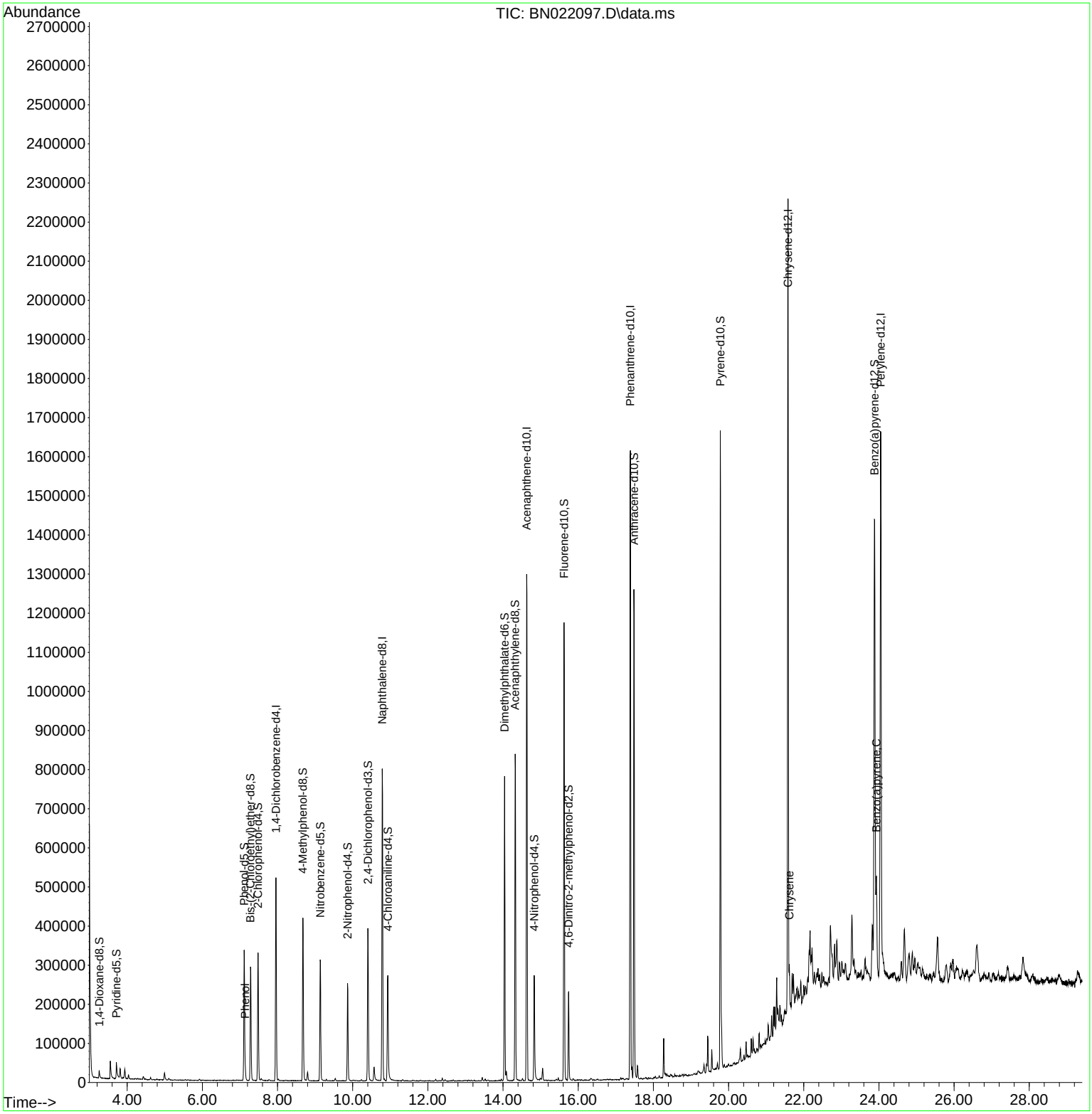
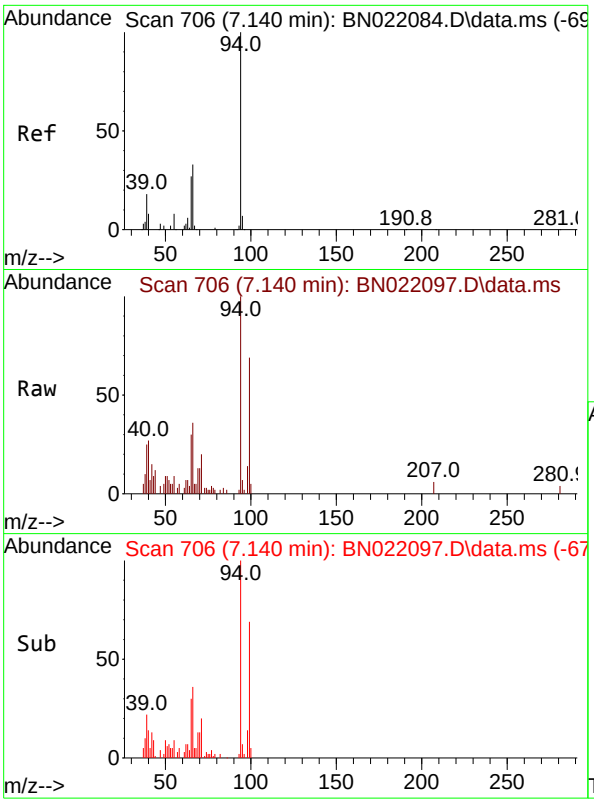


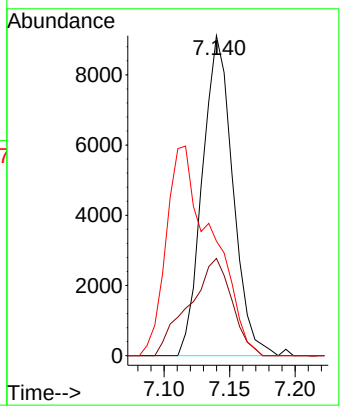


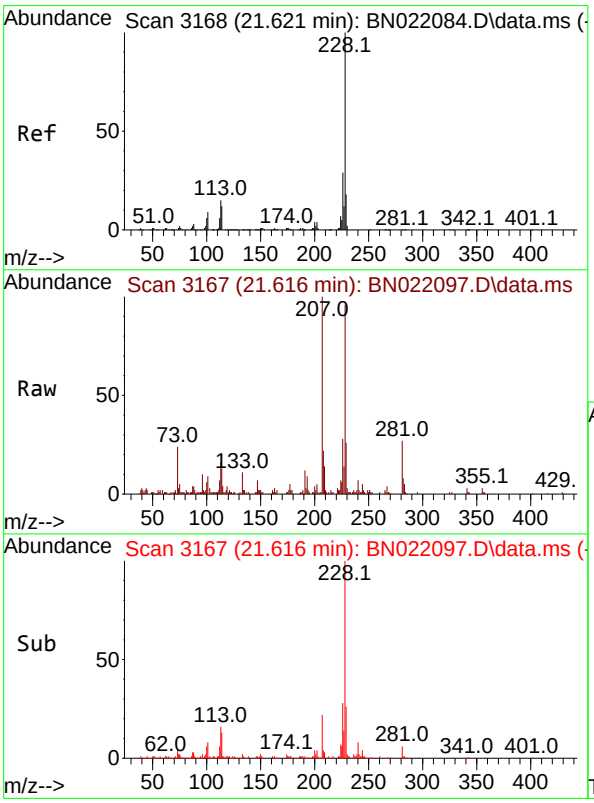

#8
Phenol
Concen: 1.062 ng/ul
RT: 7.140 min Scan# 7(
Delta R.T. 0.000 min
Lab File: BN022097.D
Acq: 13 Oct 2022 20:45

**Instrument :**
BNA_N
**ClientSampleId :**
C0BD4

Tgt Ion: 94 Resp: 14745

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 30.4 | 22.1 | 33.1 |
| 66 | 35.8 | 29.0 | 43.6 |

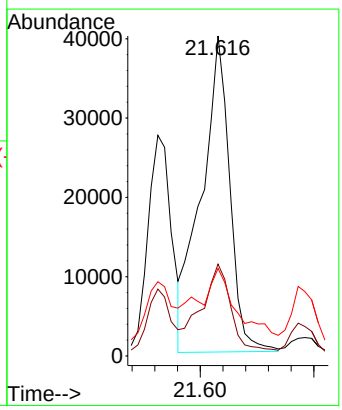


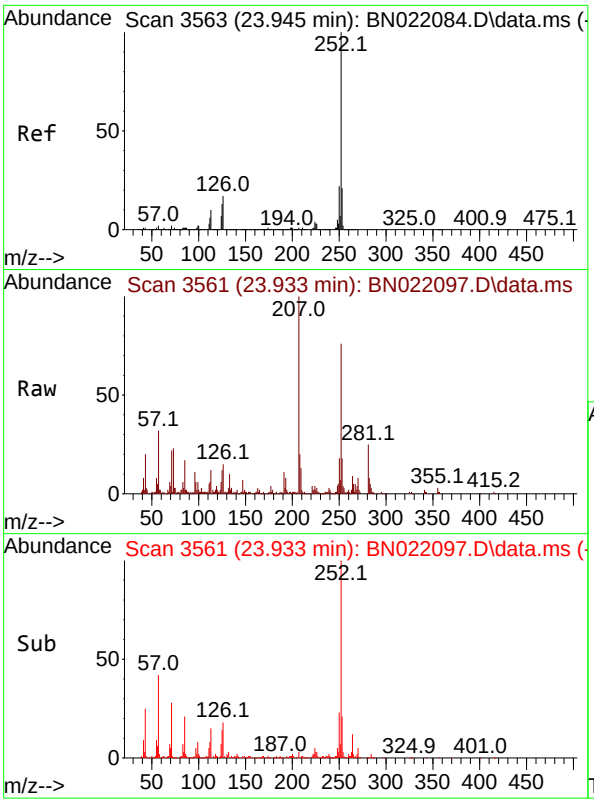




#87
Chrysene
Concen: 1.212 ng/ul
RT: 21.616 min Scan# 3167
Delta R.T. -0.012 min
Lab File: BN022097.D
Acq: 13 Oct 2022 20:45

Tgt Ion:228 Resp: 69635

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 28.7 | 23.8 | 35.8 |
| 229 | 27.3 | 16.5 | 24.7# |






#93
Benzo(a)pyrene
Concen: 1.833 ng/ul
RT: 23.933 min Scan# 3
Delta R.T. -0.018 min
Lab File: BN022097.D
Acq: 13 Oct 2022 20:45

**Instrument :**
BNA_N
**ClientSampleId :**
C0BD4

Tgt Ion:252 Resp: 101581

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 24.0 | 17.2 | 25.8 |
| 125 | 15.2 | 10.8 | 16.2 |