Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112922\
Data File : BP012852.D
Acq On : 29 Nov 2022 15:12
Operator : CG/JU
Sample : N5725-15
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
BHB68

Quant Time: Nov 29 21:59:20 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112522.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Nov 27 22:55:08 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.011 | 152 | 409320 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.828 | 136 | 1879460 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.646 | 164 | 1242561 | 20.000 | ng/ul | -0.01 |
| 64) Phenanthrene-d10 | 17.404 | 188 | 2852004 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.486 | 240 | 2897042 | 20.000 | ng/ul | -0.01 |
| 88) Perylene-d12 | 23.998 | 264 | 2756416 | 20.000 | ng/ul | -0.01 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.393 | 96 | 42836 | 4.484 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.823 | 84 | 258629 | 9.048 | ng/ul | 0.00 |
| 7) Phenol-d5 | 7.158 | 99 | 272901 | 8.114 | ng/ul | -0.01 |
| 9) Bis-(2-Chloroethyl)eth... | 7.334 | 67 | 454501 | 21.929 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.540 | 132 | 434874 | 16.968 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.711 | 113 | 368397 | 13.594 | ng/ul | -0.01 |
| 21) Nitrobenzene-d5 | 9.175 | 128 | 281382 | 24.461 | ng/ul | -0.01 |
| 24) 2-Nitrophenol-d4 | 9.905 | 143 | 239101 | 19.575 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.440 | 165 | 539005 | 18.913 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.963 | 131 | 717933 | 18.396 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 14.051 | 166 | 2026066 | 23.689 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.340 | 160 | 2240189 | 22.448 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.834 | 143 | 45436 | 2.980 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.640 | 176 | 1870974 | 24.979 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.745 | 200 | 38497 | 2.824 | ng/ul | -0.01 |
| 73) Anthracene-d10 | 17.498 | 188 | 3212176 | 25.586 | ng/ul | -0.01 |
| 81) Pyrene-d10 | 19.728 | 212 | 3874664 | 23.018 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 23.833 | 264 | 3395251 | 25.077 | ng/ul | -0.01 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.428 | 88 | 30335 | 2.957 | ng/uL | 95 |
| 30) Naphthalene | 10.881 | 128 | 267975 | 2.723 | ng/ul | 97 |
| 37) 1-Methylnaphthalene | 12.699 | 142 | 828683 | 12.201 | ng/ul | 100 |
| 43) 1,1'-Biphenyl | 13.481 | 154 | 684839 | 7.566 | ng/ul | 98 |
| 52) Acenaphthene | 14.710 | 153 | 358110 | 4.661 | ng/ul | 98 |

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

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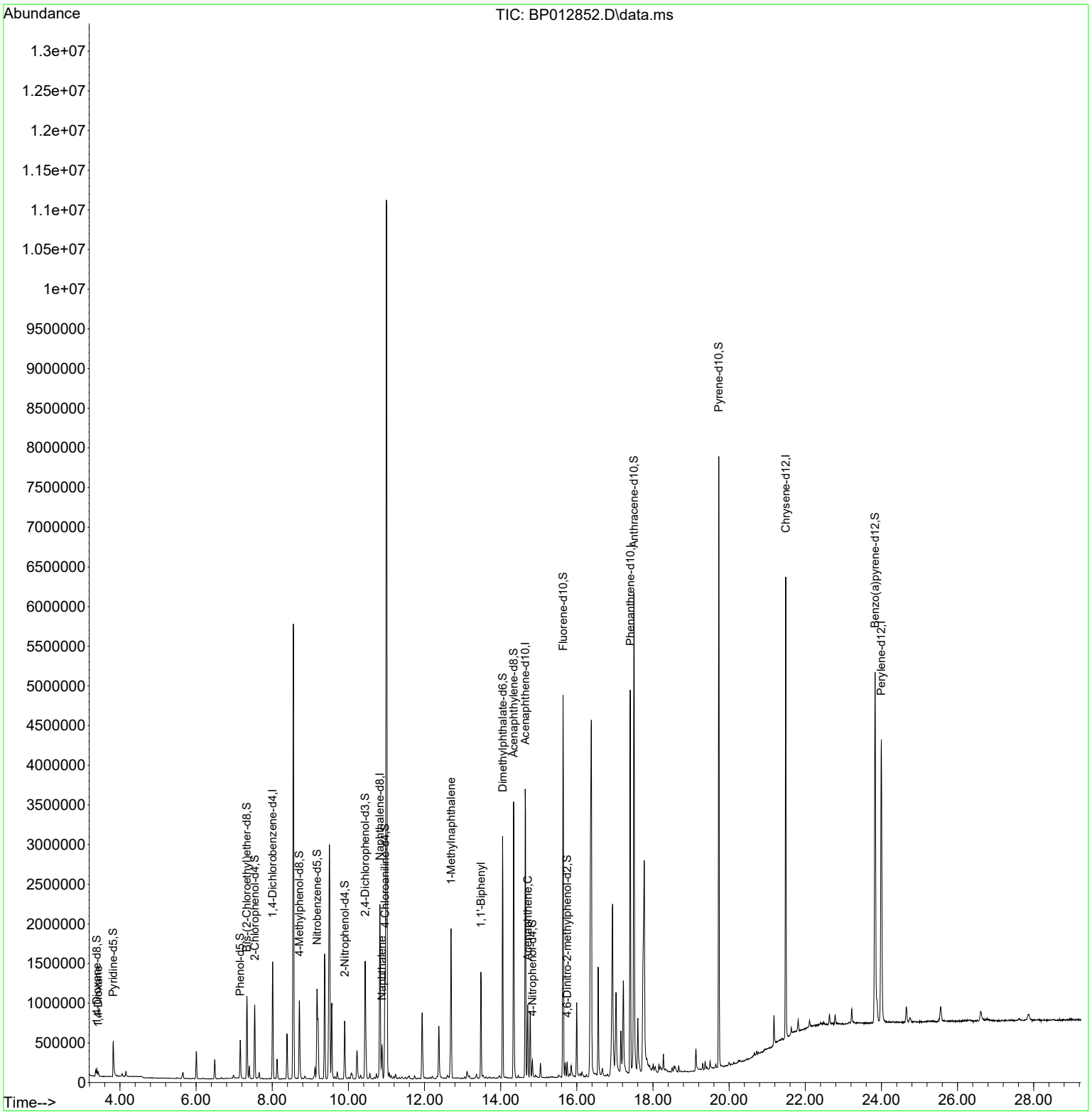
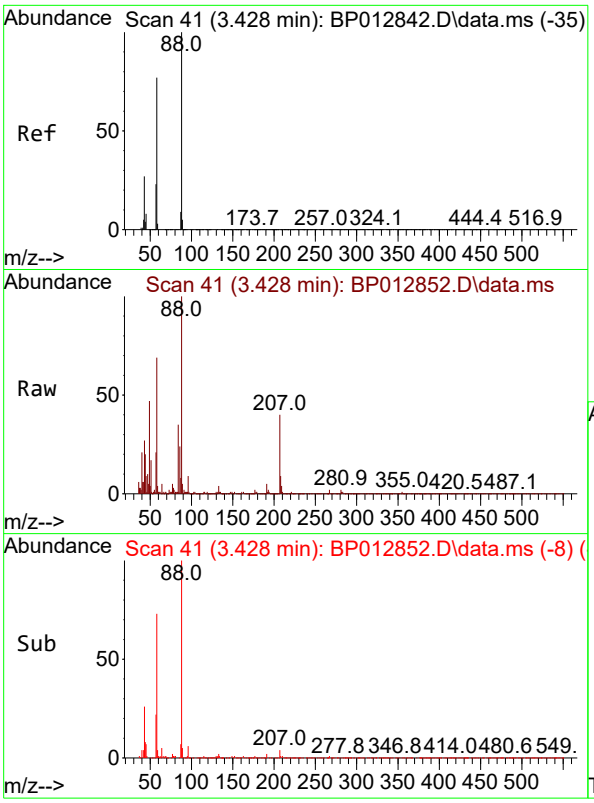
Quant Title : SVOA CALIBRATION
QLast Update : Sun Nov 27 22:55:08 2022
Response via : Initial Calibration



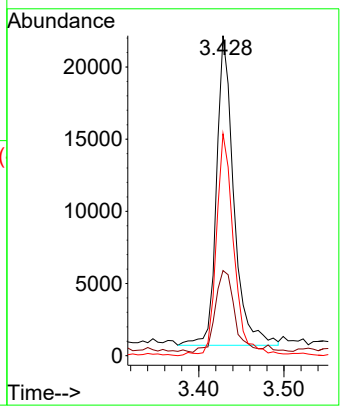


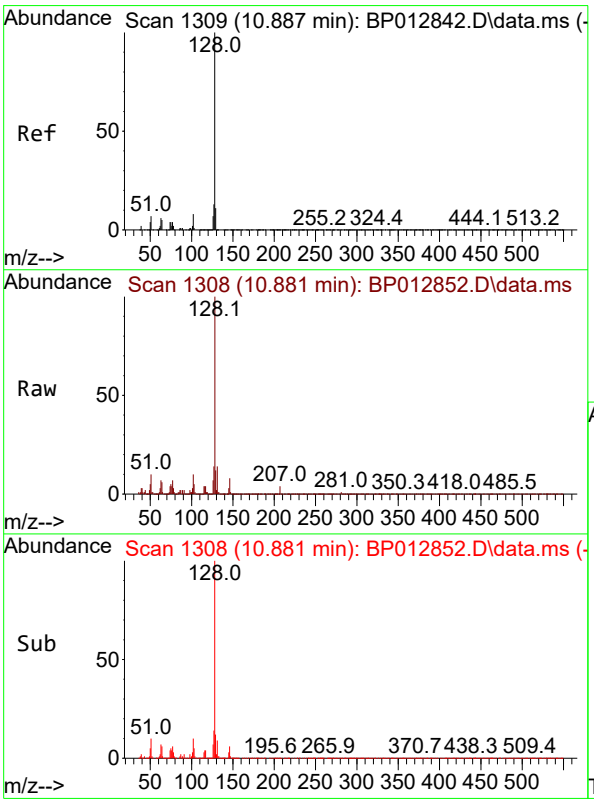

#2
1,4-Dioxane
Concen: 2.957 ng/uL
RT: 3.428 min Scan# 4
Delta R.T. -0.006 min
Lab File: BP012852.D
Acq: 29 Nov 2022 15:12

**Instrument :**
BNA_P
**ClientSampleId :**
BHB68

Tgt Ion: 88 Resp: 30335

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 26.6 | 22.6 | 34.0 |
| 58 | 69.3 | 59.6 | 89.4 |

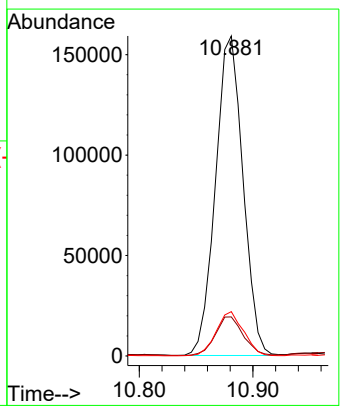


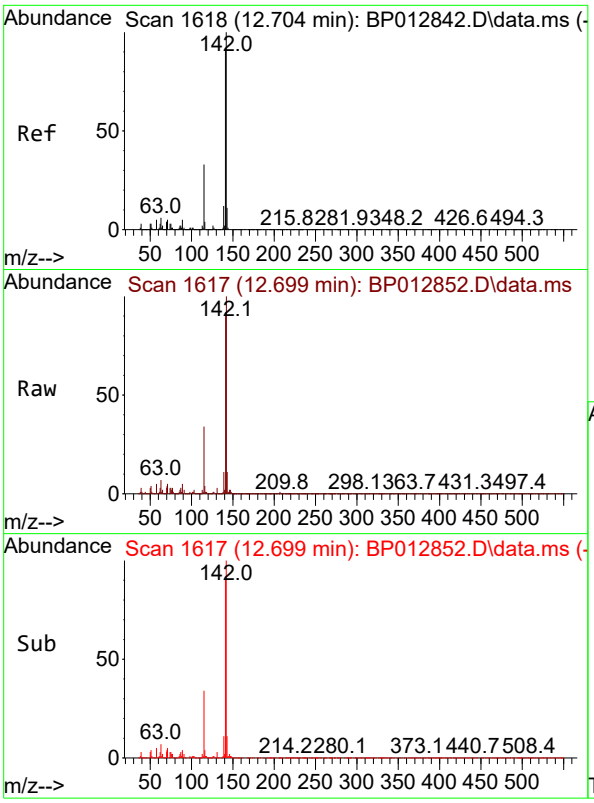




#30
Naphthalene
Concen: 2.723 ng/ul
RT: 10.881 min Scan# 1308
Delta R.T. -0.006 min
Lab File: BP012852.D
Acq: 29 Nov 2022 15:12

Tgt Ion:128 Resp: 267975

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 12.2 | 8.7 | 13.1 |
| 127 | 13.9 | 10.4 | 15.6 |



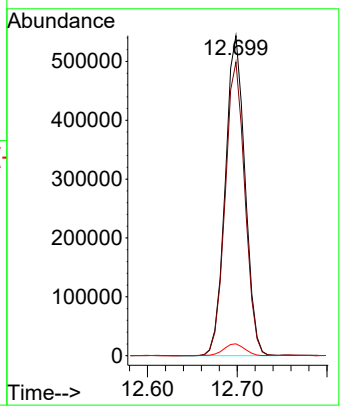


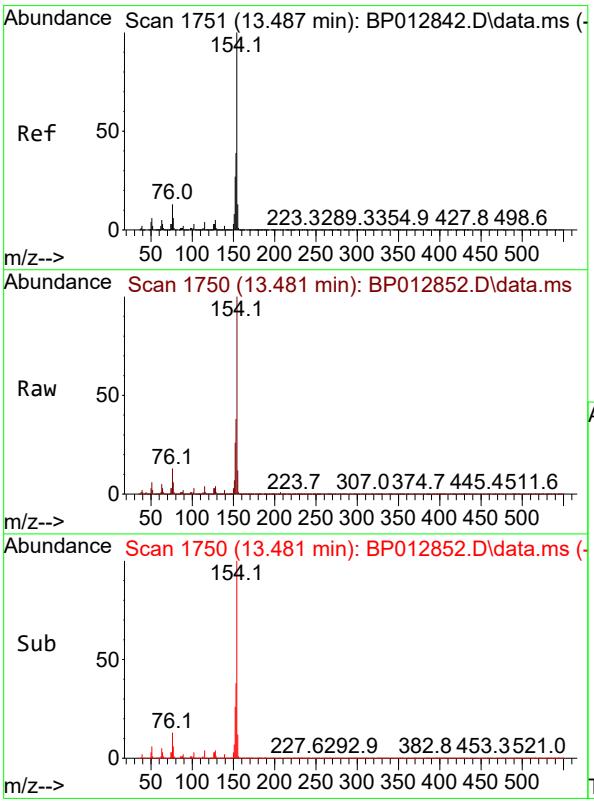

#37
1-Methylnaphthalene
Concen: 12.201 ng/ul
RT: 12.699 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP012852.D
Acq: 29 Nov 2022 15:12

**Instrument :**
BNA_P
**ClientSampleId :**
BHB68

Tgt Ion:142 Resp: 828683

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 91.8 | 73.3 | 109.9 |
| 116 | 3.7 | 2.9 | 4.3 |

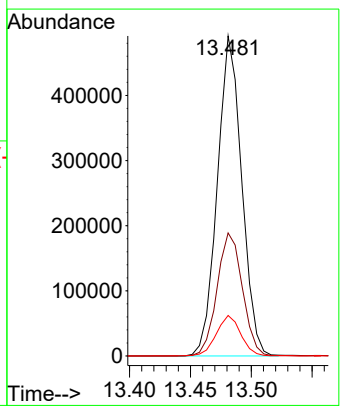


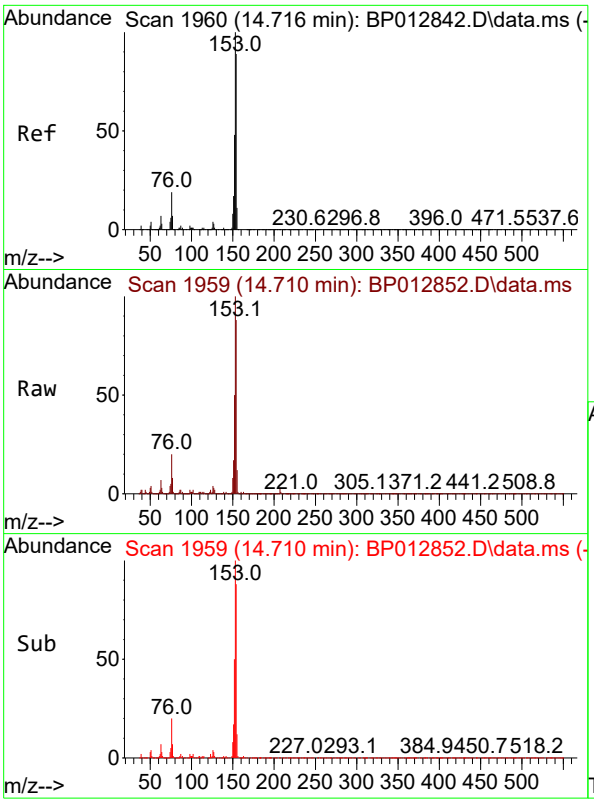




#43
1,1'-Biphenyl
Concen: 7.566 ng/ul
RT: 13.481 min Scan# 1750
Delta R.T. -0.012 min
Lab File: BP012852.D
Acq: 29 Nov 2022 15:12

Tgt Ion:154 Resp: 684839

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 38.4 | 32.0 | 48.0 |
| 76 | 12.6 | 10.2 | 15.4 |






#52
Acenaphthene
Concen: 4.661 ng/ul
RT: 14.710 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP012852.D
Acq: 29 Nov 2022 15:12

**Instrument :**
BNA_P
**ClientSampleId :**
BHB68

Tgt Ion:153 Resp: 358110

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 153 | 100 | | |
| 152 | 49.7 | 38.2 | 57.4 |
| 154 | 88.2 | 69.8 | 104.6 |