

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG100220\  
 Data File : BG046770.D  
 Acq On : 3 Oct 2020 13:50  
 Operator : CG/JU  
 Sample : L4150-18  
 Misc :  
 ALS Vial : 38 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 CB7L9

Quant Time: Oct 05 00:59:22 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG092920MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Oct 05 00:58:20 2020  
 Response via : Initial Calibration

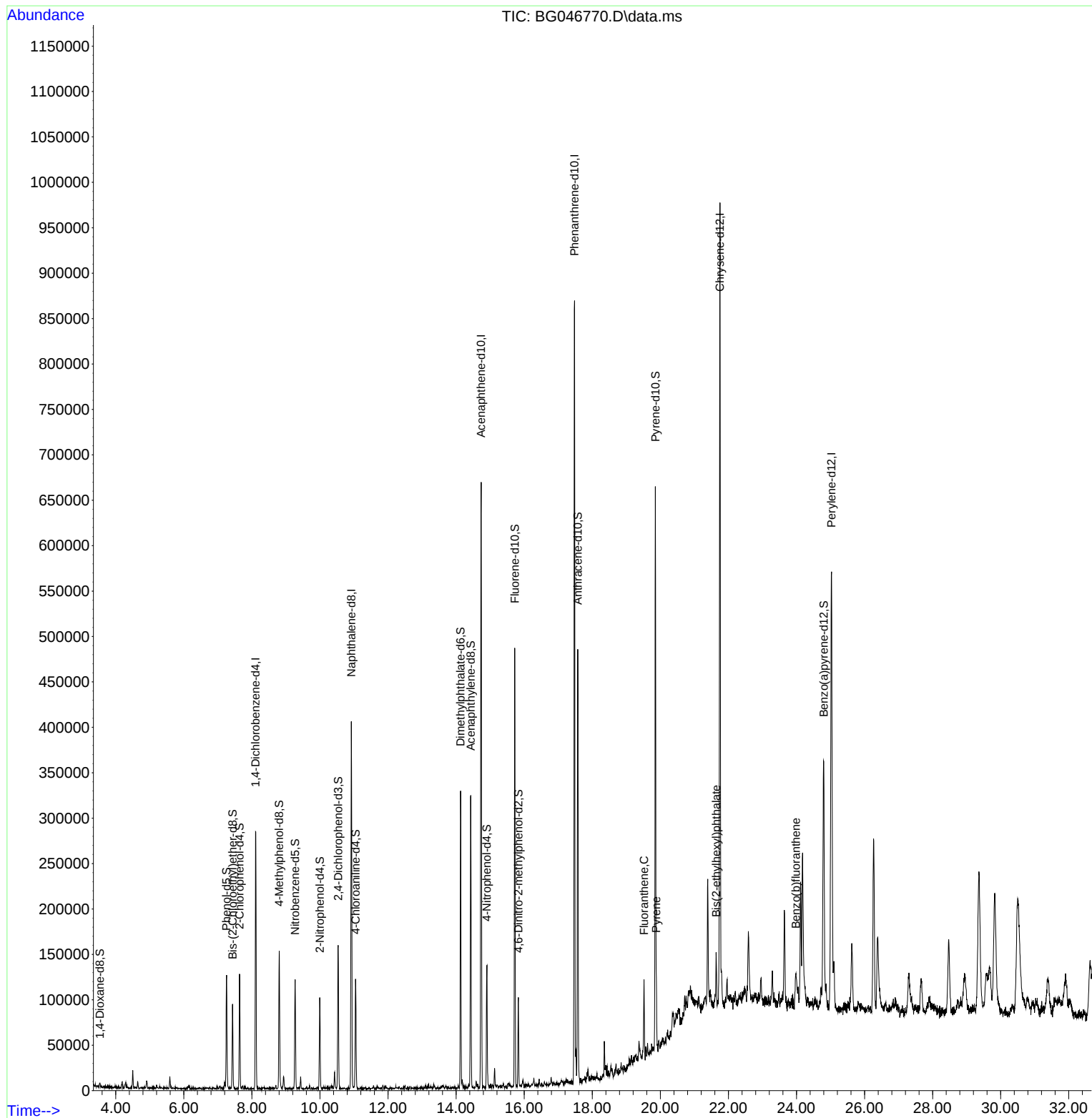
| Compound                      | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-------|--------|----------|
| -----                         |        |      |          |       |        |          |
| Internal Standards            |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.108  | 152  | 80786    | 20.00 | ng/ul  | 0.00     |
| 18) Naphthalene-d8            | 10.923 | 136  | 326693   | 20.00 | ng/ul  | 0.00     |
| 36) Acenaphthene-d10          | 14.736 | 164  | 242368   | 20.00 | ng/ul  | 0.00     |
| 62) Phenanthrene-d10          | 17.480 | 188  | 554978   | 20.00 | ng/ul  | 0.00     |
| 78) Chrysene-d12              | 21.751 | 240  | 544502   | 20.00 | ng/ul  | 0.00     |
| 86) Perylene-d12              | 25.030 | 264  | 540353   | 20.00 | ng/ul  | 0.00     |
|                               |        |      |          |       |        |          |
| System Monitoring Compounds   |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8             | 3.531  | 96   | 2629     | 1.60  | ng/uL  | 0.00     |
| 5) Phenol-d5                  | 7.256  | 99   | 64764    | 9.37  | ng/ul  | 0.00     |
| 7) Bis-(2-Chloroethyl)eth...  | 7.433  | 67   | 42553    | 10.09 | ng/ul  | 0.00     |
| 9) 2-Chlorophenol-d4          | 7.638  | 132  | 50657    | 10.04 | ng/ul  | 0.00     |
| 13) 4-Methylphenol-d8         | 8.802  | 113  | 55088    | 10.19 | ng/ul  | 0.00     |
| 19) Nitrobenzene-d5           | 9.272  | 128  | 27466    | 11.23 | ng/ul  | 0.00     |
| 22) 2-Nitrophenol-d4          | 9.994  | 143  | 29203    | 11.75 | ng/ul  | 0.00     |
| 26) 2,4-Dichlorophenol-d3     | 10.535 | 165  | 61452    | 10.51 | ng/ul  | 0.00     |
| 29) 4-Chloroaniline-d4        | 11.046 | 131  | 60956    | 8.77  | ng/ul  | 0.00     |
| 44) Dimethylphthalate-d6      | 14.131 | 166  | 209307   | 11.30 | ng/ul  | 0.00     |
| 47) Acenaphthylene-d8         | 14.430 | 160  | 234215   | 10.65 | ng/ul  | 0.00     |
| 52) 4-Nitrophenol-d4          | 14.900 | 143  | 31710    | 10.04 | ng/ul  | 0.00     |
| 58) Fluorene-d10              | 15.723 | 176  | 188173   | 11.02 | ng/ul  | 0.00     |
| 63) 4,6-Dinitro-2-methylph... | 15.829 | 200  | 23816    | 8.59  | ng/ul  | 0.00     |
| 71) Anthracene-d10            | 17.574 | 188  | 276838   | 10.87 | ng/ul  | 0.00     |
| 79) Pyrene-d10                | 19.853 | 212  | 331071   | 11.72 | ng/ul  | 0.00     |
| 90) Benzo(a)pyrene-d12        | 24.801 | 264  | 315028   | 10.82 | ng/ul  | 0.00     |
|                               |        |      |          |       |        |          |
| Target Compounds              |        |      |          |       |        | Qvalue   |
| 77) Fluoranthene              | 19.518 | 202  | 53014    | 1.47  | ng/ul# | 94       |
| 80) Pyrene                    | 19.883 | 202  | 46195    | 1.32  | ng/ul# | 96       |
| 84) Bis(2-ethylhexyl)phtha... | 21.645 | 149  | 24454    | 1.35  | ng/ul  | 97       |
| 88) Benzo(b)fluoranthene      | 23.984 | 252  | 42976    | 1.21  | ng/ul# | 91       |
| -----                         |        |      |          |       |        |          |

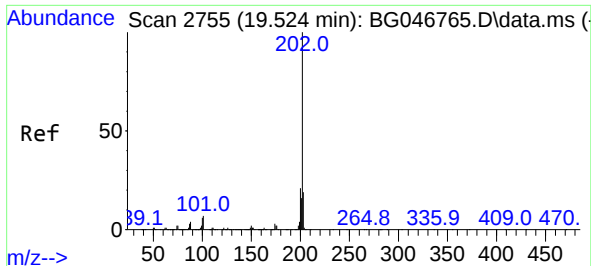
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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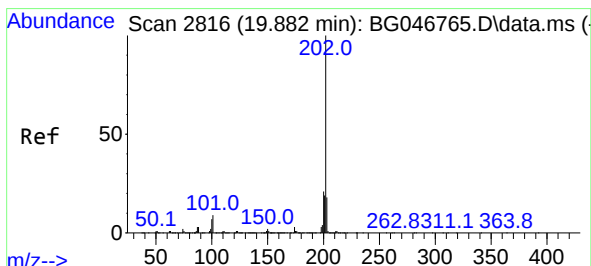
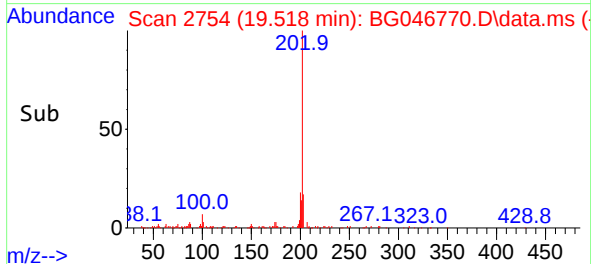
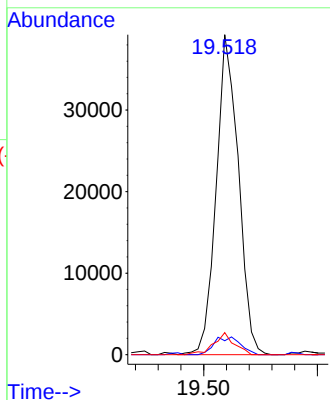
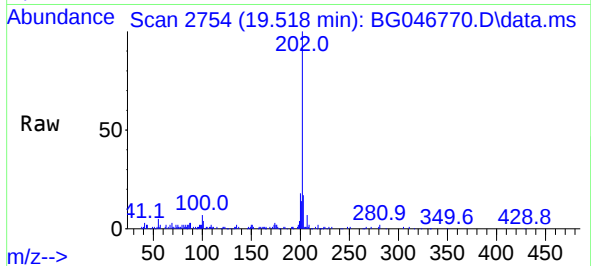




#77  
Fluoranthene  
Concen: 1.47 ng/ul  
RT: 19.518 min Scan# 2754  
Delta R.T. -0.005 min  
Lab File: BG046770.D  
Acq: 3 Oct 2020 13:50

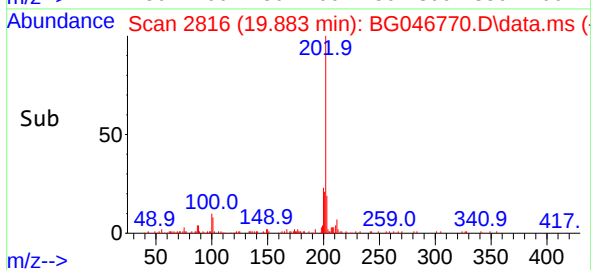
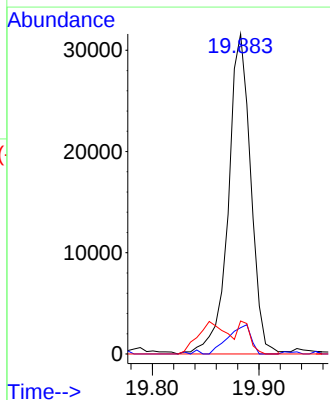
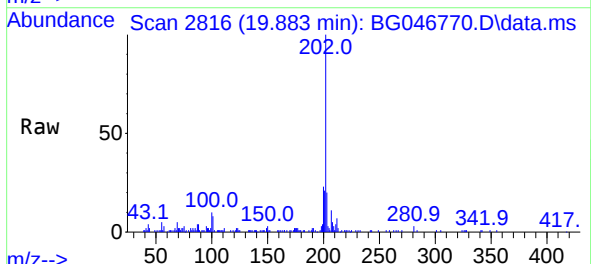
Instrument :  
BNA\_G  
ClientSampleId :  
CB7L9

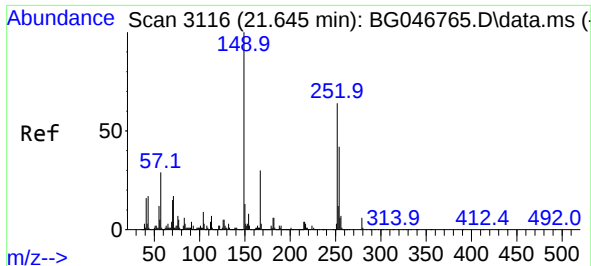
Tgt Ion:202 Resp: 53014  
Ion Ratio Lower Upper  
202 100  
101 4.3 5.8 8.6#  
100 6.9 4.5 6.7#



#80  
Pyrene  
Concen: 1.32 ng/ul  
RT: 19.883 min Scan# 2816  
Delta R.T. 0.001 min  
Lab File: BG046770.D  
Acq: 3 Oct 2020 13:50

Tgt Ion:202 Resp: 46195  
Ion Ratio Lower Upper  
202 100  
101 8.2 7.0 10.4  
100 10.3 6.0 9.0#

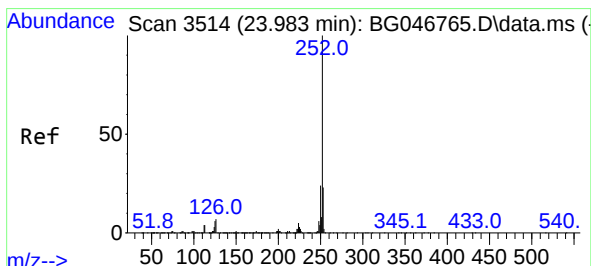
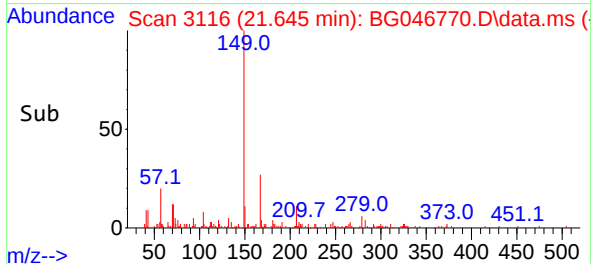
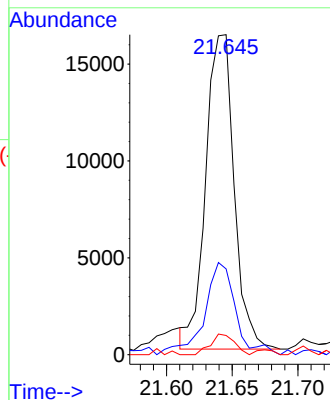
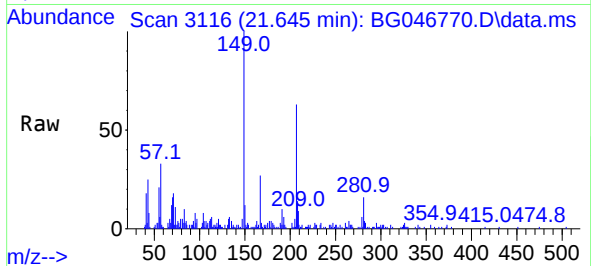




#84  
Bis(2-ethylhexyl)phthalate  
Concen: 1.35 ng/ul  
RT: 21.645 min Scan# 3116  
Delta R.T. 0.000 min  
Lab File: BG046770.D  
Acq: 3 Oct 2020 13:50

Instrument :  
BNA\_G  
ClientSampleId :  
CB7L9

Tgt Ion:149 Resp: 24454  
Ion Ratio Lower Upper  
149 100  
167 26.8 22.7 34.1  
279 6.0 4.2 6.2



#88  
Benzo(b)fluoranthene  
Concen: 1.21 ng/ul  
RT: 23.984 min Scan# 3514  
Delta R.T. 0.000 min  
Lab File: BG046770.D  
Acq: 3 Oct 2020 13:50

Tgt Ion:252 Resp: 42976  
Ion Ratio Lower Upper  
252 100  
253 18.2 17.9 26.9  
125 9.1 5.0 7.4#

