

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101720\  
 Data File : BG046960.D  
 Acq On : 18 Oct 2020 4:25  
 Operator : CG/JU  
 Sample : L4259-08DL2 40X  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 C5CF7DL2

Manual Integrations  
 APPROVED

mohammad  
 10/19/2020 1:26:07 PM

Quant Time: Oct 19 10:30:24 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG101520MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Oct 19 02:31:36 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.07  | 152  | 51150    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.88 | 136  | 219495   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.70 | 164  | 167320   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.44 | 188  | 394903   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.71 | 240  | 381707   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 24.94 | 264  | 374802   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |      |       |       |
|--------------------------------|-------|-----|--------|------|-------|-------|
| 3) 1,4-Dioxane-d8              | 0.00  | 96  | 0      | 0.00 | ng/uL |       |
| 5) Phenol-d5                   | 0.00  | 99  | 0d     | 0.00 | ng/ul |       |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.38  | 67  | 1984m  | 0.76 | ng/ul | 0.00  |
| 9) 2-Chlorophenol-d4           | 7.60  | 132 | 1866   | 0.55 | ng/ul | 0.00  |
| 13) 4-Methylphenol-d8          | 8.78  | 113 | 940    | 0.26 | ng/ul | 0.00  |
| 19) Nitrobenzene-d5            | 9.24  | 128 | 1147m  | 0.61 | ng/ul | 0.00  |
| 22) 2-Nitrophenol-d4           | 0.00  | 143 | 0d     | 0.00 | ng/ul |       |
| 26) 2,4-Dichlorophenol-d3      | 10.50 | 165 | 2437   | 0.58 | ng/ul | 0.00  |
| 29) 4-Chloroaniline-d4         | 0.00  | 131 | 0d     | 0.00 | ng/ul |       |
| 44) Dimethylphthalate-d6       | 14.10 | 166 | 11261  | 0.81 | ng/ul | 0.00  |
| 47) Acenaphthylene-d8          | 14.39 | 160 | 13282  | 0.84 | ng/ul | 0.00  |
| 52) 4-Nitrophenol-d4           | 0.00  | 143 | 0d     | 0.00 | ng/ul |       |
| 58) Fluorene-d10               | 15.69 | 176 | 9737   | 0.76 | ng/ul | 0.00  |
| 63) 4,6-Dinitro-2-methylphenol | 0.00  | 200 | 0d     | 0.00 | ng/ul |       |
| 71) Anthracene-d10             | 17.54 | 188 | 17307m | 0.90 | ng/ul | 0.00  |
| 79) Pyrene-d10                 | 19.82 | 212 | 19349  | 0.92 | ng/ul | -0.01 |
| 90) Benzo(a)pyrene-d12         | 24.73 | 264 | 16910m | 0.80 | ng/ul | 0.00  |

## Target Compounds

|                               |       |     |        | Ovalue |           |
|-------------------------------|-------|-----|--------|--------|-----------|
| 40) 2,4,5-Trichlorophenol     | 13.21 | 196 | 5081   | 1.199  | ng/ul 87  |
| 56) 2,3,4,6-Tetrachlorophenol | 15.31 | 232 | 16292  | 3.880  | ng/ul# 93 |
| 69) Pentachlorophenol         | 17.09 | 266 | 320931 | 94.241 | ng/ul 98  |

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

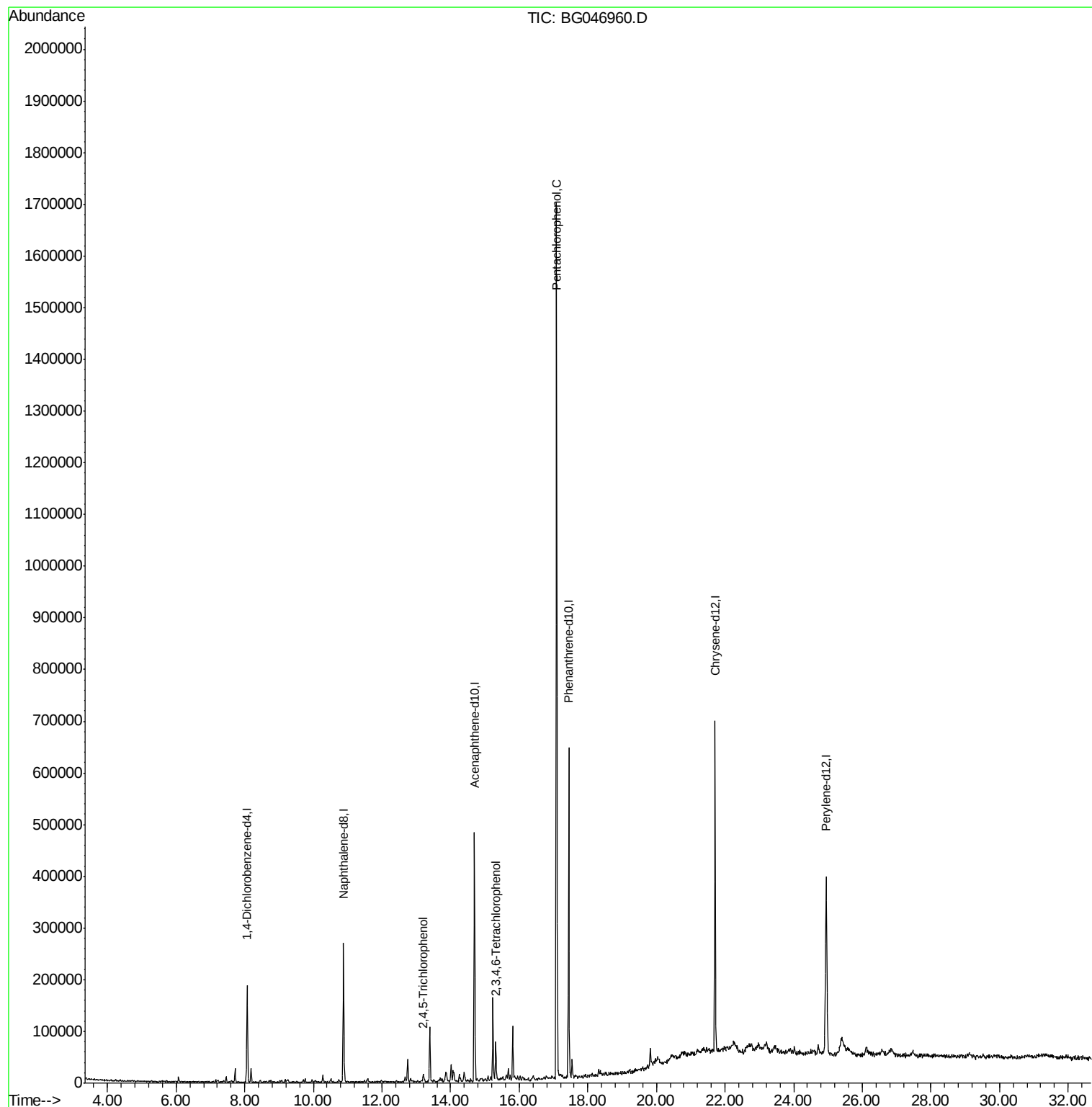
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101720\  
Data File : BG046960.D  
Acq On : 18 Oct 2020 4:25  
Operator : CG/JU  
Sample : L4259-08DL2 40X  
Misc :  
ALS Vial : 26 Sample Multiplier: 1

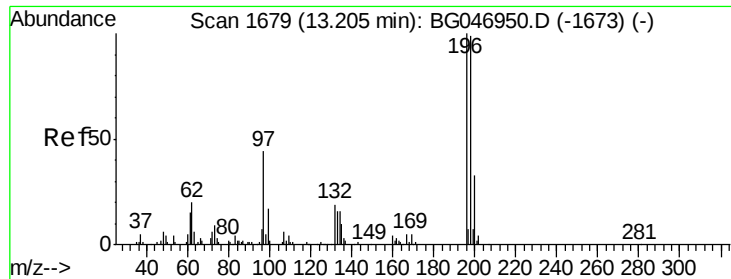
Instrument :  
BNA\_G  
ClientSampleId :  
C5CF7DL2

Manual Integrations  
APPROVED

mohammad  
10/19/2020 1:26:07 PM

Quant Time: Oct 19 10:30:24 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG101520MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Mon Oct 19 02:31:36 2020  
Response via : Initial Calibration





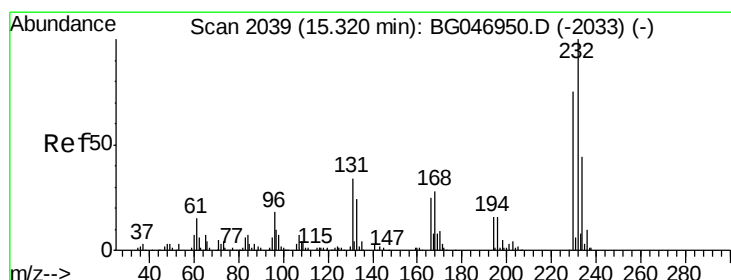
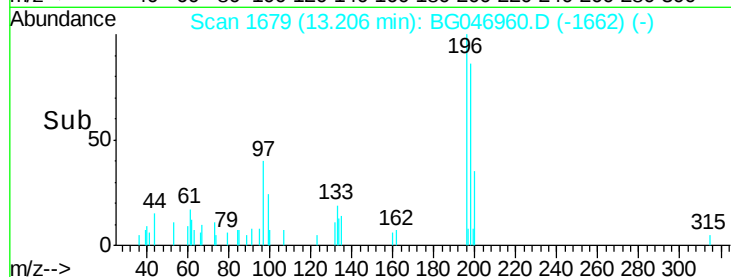
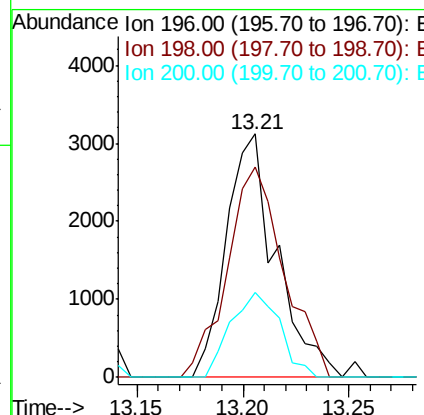
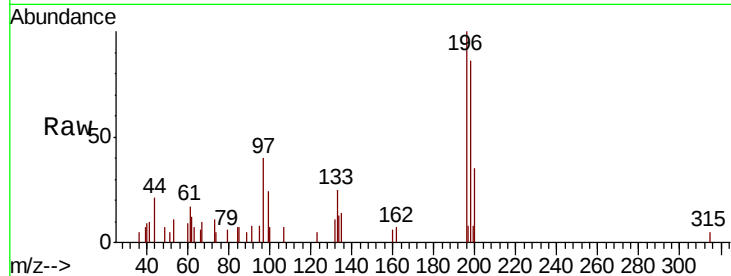
#40  
2,4,5-Trichlorophenol  
Concen: 1.199 ng/ul  
RT: 13.21 min Scan# 1679  
Delta R.T. 0.00 min  
Lab File: BG046960.D  
Acq: 18 Oct 2020 4:25

Instrument :  
BNA\_G  
ClientSampleId :  
C5CF7DL2

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 196     | 100   | 5081 |       |       |
| 198     | 86.4  |      | 82.4  | 123.6 |
| 200     | 35.1  |      | 26.3  | 39.5  |

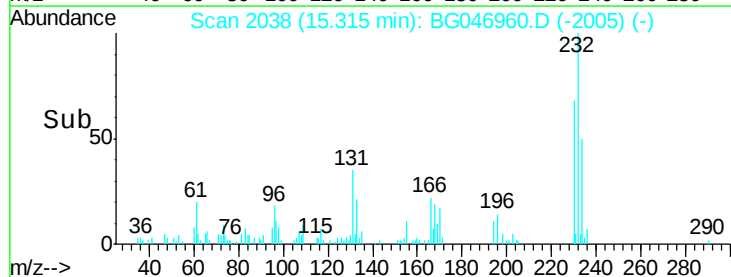
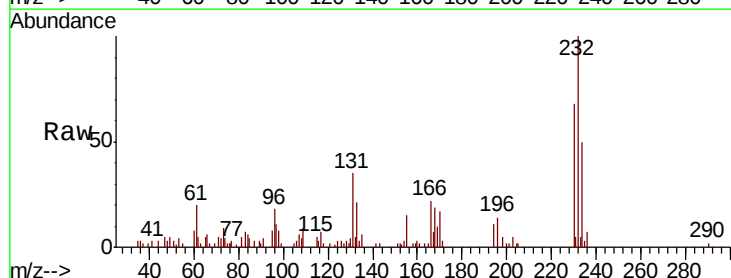
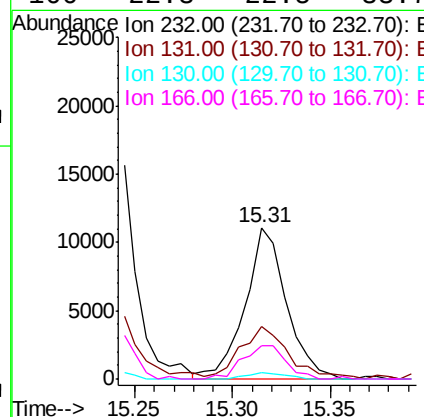
Manual Integrations  
APPROVED

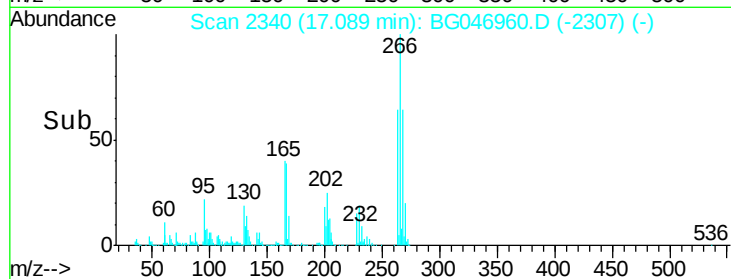
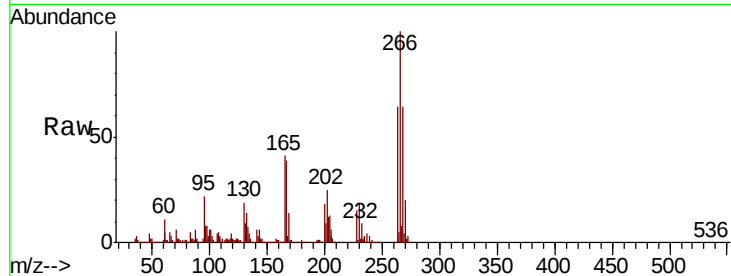
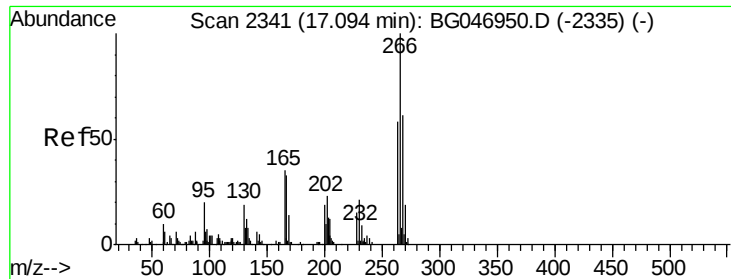
mohammad  
10/19/2020 1:26:07 PM



#56  
2,3,4,6-Tetrachlorophenol  
Concen: 3.880 ng/ul  
RT: 15.31 min Scan# 2038  
Delta R.T. -0.00 min  
Lab File: BG046960.D  
Acq: 18 Oct 2020 4:25

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 232     | 100   | 16292 |       |       |
| 131     | 34.8  |       | 26.2  | 39.4  |
| 130     | 4.0   |       | 0.0   | 0.0#  |
| 166     | 22.3  |       | 22.5  | 33.7# |





#69

Pentachlorophenol

Concen: 94.241 ng/ul

RT: 17.09 min Scan# 2340

Delta R.T. -0.00 min

Lab File: BG046960.D

Acq: 18 Oct 2020 4:25

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 266   | Resp: | 320931 |
| Ion Ratio | Lower | Upper |        |
| 266       | 100   |       |        |
| 264       | 64.4  | 52.6  | 78.8   |
| 268       | 63.8  | 52.2  | 78.2   |

Instrument :

BNA\_G

ClientSampleId :

C5CF7DL2

Manual Integrations  
APPROVED

mohammad  
10/19/2020 1:26:07 PM

