

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120120\  
 Data File : BG047521.D  
 Acq On : 2 Dec 2020 7:57  
 Operator : CG/JU  
 Sample : L4865-21  
 Misc :  
 ALS Vial : 34 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 C0B19

Manual Integrations  
 APPROVED

mohammad  
 12/2/2020 2:26:49 PM

Quant Time: Dec 02 09:51:43 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG111920MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Nov 23 13:14:53 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|-------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 8.27  | 152  | 31672    | 20.00 | ng/ul  | -0.01    |
| 18) Naphthalene-d8             | 11.09 | 136  | 127445   | 20.00 | ng/ul  | -0.01    |
| 36) Acenaphthene-d10           | 14.88 | 164  | 102792   | 20.00 | ng/ul  | -0.01    |
| 62) Phenanthrene-d10           | 17.61 | 188  | 247318m  | 20.00 | ng/ul  | -0.01    |
| 78) Chrysene-d12               | 21.89 | 240  | 223605   | 20.00 | ng/ul  | -0.01    |
| 86) Perylene-d12               | 25.29 | 264  | 235380   | 20.00 | ng/ul  | -0.02    |
| System Monitoring Compounds    |       |      |          |       |        |          |
| 3) 1,4-Dioxane-d8              | 3.60  | 96   | 1481     | 1.70  | ng/uL  | -0.02    |
| 5) Phenol-d5                   | 7.39  | 99   | 31594    | 9.95  | ng/ul  | -0.02    |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.57  | 67   | 20060    | 11.07 | ng/ul  | -0.01    |
| 9) 2-Chlorophenol-d4           | 7.79  | 132  | 25963    | 12.19 | ng/ul  | -0.02    |
| 13) 4-Methylphenol-d8          | 8.96  | 113  | 19549    | 8.01  | ng/ul  | -0.01    |
| 19) Nitrobenzene-d5            | 9.43  | 128  | 14032    | 13.33 | ng/ul  | -0.01    |
| 22) 2-Nitrophenol-d4           | 10.17 | 143  | 15821m   | 13.77 | ng/ul  | 0.00     |
| 26) 2,4-Dichlorophenol-d3      | 10.69 | 165  | 32881    | 12.50 | ng/ul  | -0.02    |
| 29) 4-Chloroaniline-d4         | 11.22 | 131  | 29005    | 10.91 | ng/ul  | -0.01    |
| 44) Dimethylphthalate-d6       | 14.27 | 166  | 116052   | 13.15 | ng/ul  | -0.02    |
| 47) Acenaphthylene-d8          | 14.57 | 160  | 128943   | 12.64 | ng/ul  | -0.01    |
| 52) 4-Nitrophenol-d4           | 15.03 | 143  | 11802    | 8.77  | ng/ul  | -0.02    |
| 58) Fluorene-d10               | 15.86 | 176  | 104654   | 12.95 | ng/ul  | 0.00     |
| 63) 4,6-Dinitro-2-methylphenol | 15.96 | 200  | 13605    | 9.66  | ng/ul  | -0.01    |
| 71) Anthracene-d10             | 17.71 | 188  | 167020   | 13.61 | ng/ul  | -0.01    |
| 79) Pyrene-d10                 | 19.98 | 212  | 191569   | 14.72 | ng/ul  | 0.00     |
| 90) Benzo(a)pyrene-d12         | 25.06 | 264  | 194453   | 14.35 | ng/ul  | -0.02    |
| Target Compounds               |       |      |          |       |        |          |
| 6) Phenol                      | 7.42  | 94   | 4402     | 1.447 | ng/ul# | 89       |
| 45) Dimethylphthalate          | 14.32 | 163  | 18979    | 2.109 | ng/ul  | 98       |
| 77) Fluoranthene               | 19.64 | 202  | 22012m   | 1.305 | ng/ul  |          |
| 80) Pyrene                     | 20.00 | 202  | 17907    | 1.131 | ng/ul# | 95       |

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

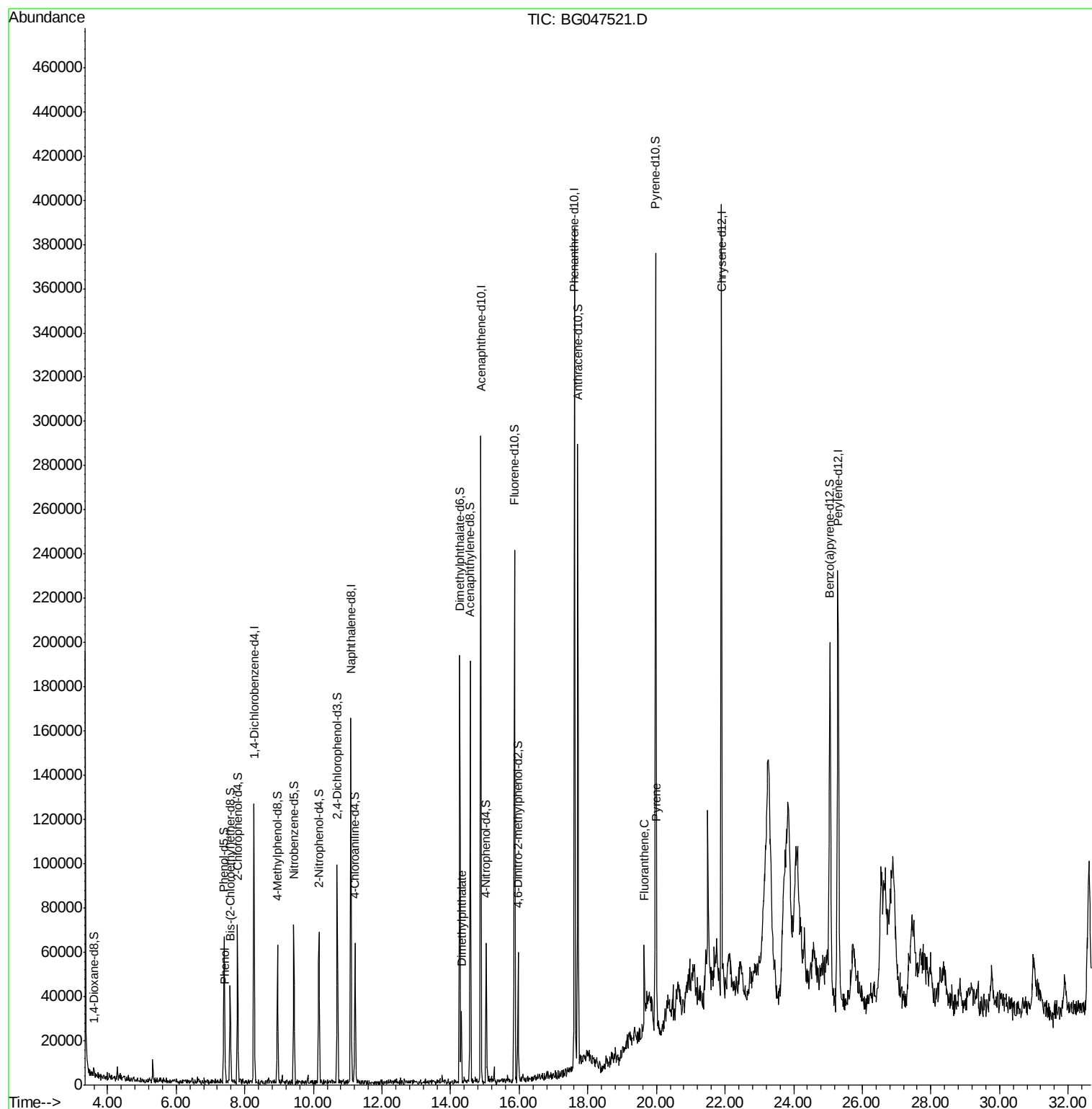
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120120\  
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ALS Vial : 34 Sample Multiplier: 1

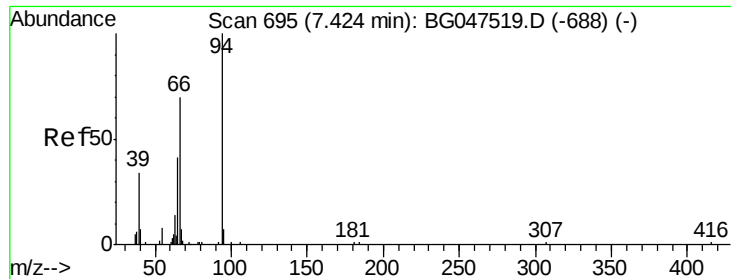
Instrument :  
BNA\_G  
ClientSampleId :  
C0B19

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG111920MA.M  
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Response via : Initial Calibration





#6

Phenol

Concen: 1.447 ng/ul

RT: 7.42 min Scan# 695

Delta R.T. -0.02 min

Lab File: BG047521.D

Acq: 2 Dec 2020 7:57

Instrument :

BNA\_G

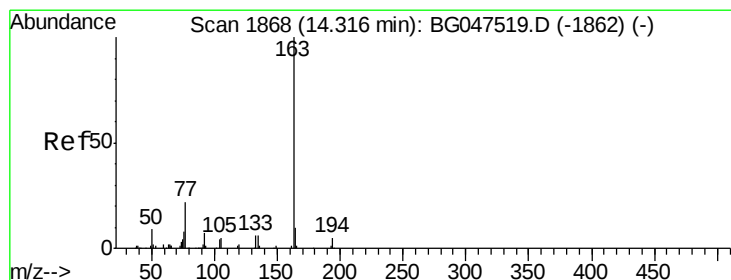
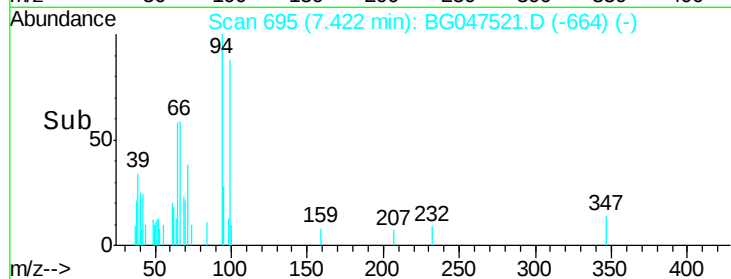
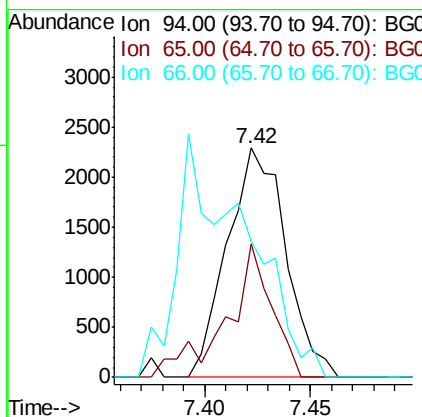
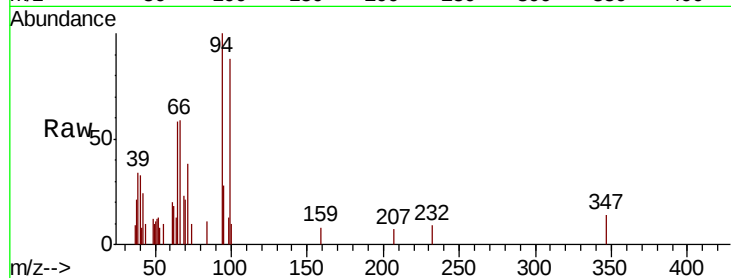
ClientSampleId :

C0B19

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 94    | Resp: | 4402  |
| Ion      | Ratio | Lower | Upper |
| 94       | 100   |       |       |
| 65       | 58.1  | 37.8  | 56.8# |
| 66       | 59.3  | 51.6  | 77.4  |

Manual Integrations  
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#45

Dimethylphthalate

Concen: 2.109 ng/ul

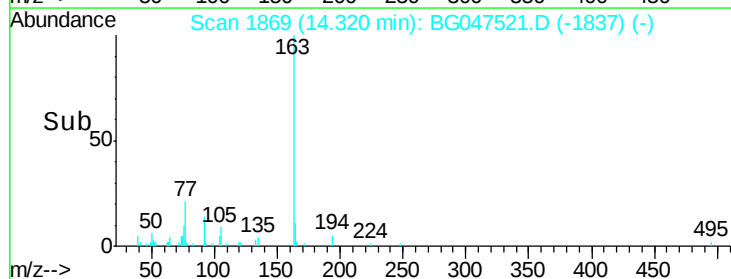
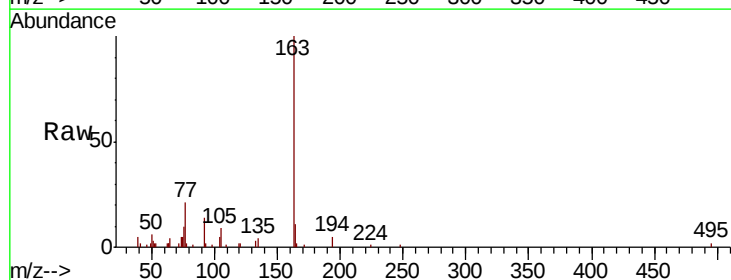
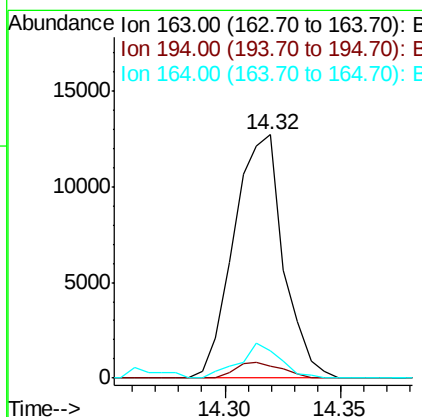
RT: 14.32 min Scan# 1869

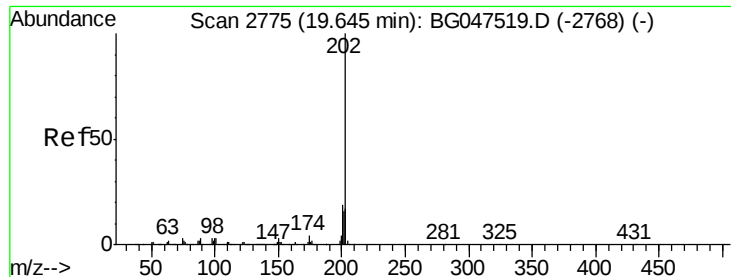
Delta R.T. -0.01 min

Lab File: BG047521.D

Acq: 2 Dec 2020 7:57

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 163   | Resp: | 18979 |
| Ion      | Ratio | Lower | Upper |
| 163      | 100   |       |       |
| 194      | 5.1   | 3.6   | 5.4   |
| 164      | 11.1  | 8.5   | 12.7  |





#77

Fluoranthene

Concen: 1.305 ng/ul m

RT: 19.64 min Scan# 2775

Delta R.T. -0.01 min

Lab File: BG047521.D

Acq: 2 Dec 2020 7:57

Instrument :

BNA\_G

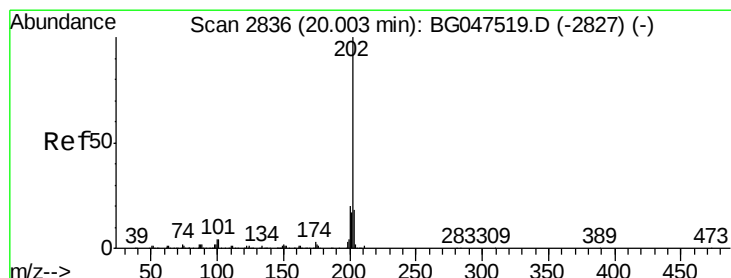
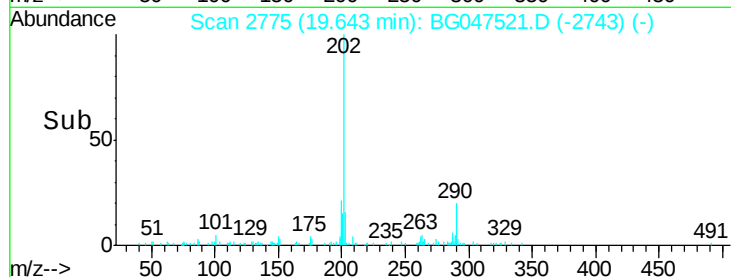
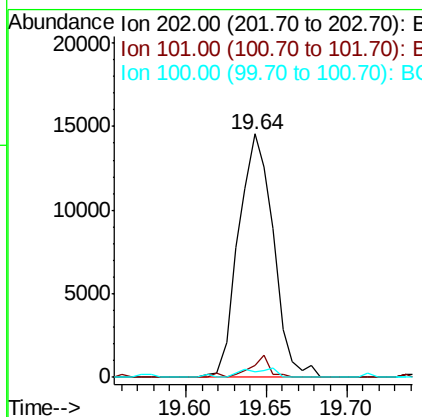
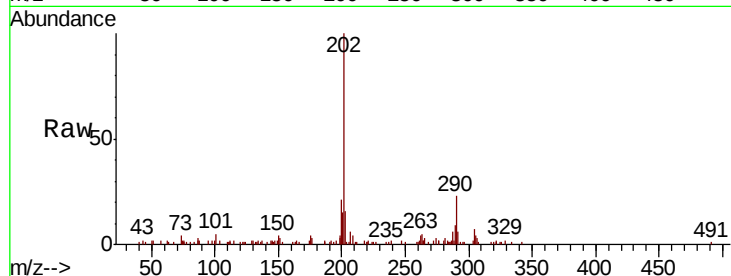
ClientSampleId :

C0B19

| Tot Ion | Ion | Ratio | Resp  | Lower | Upper |
|---------|-----|-------|-------|-------|-------|
| 202     | 100 |       | 22012 |       |       |
| 101     | 4.7 | 3.0   | 4.6#  |       |       |
| 100     | 2.4 | 3.0   | 4.6#  |       |       |

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#80

Pyrene

Concen: 1.131 ng/ul

RT: 20.00 min Scan# 2836

Delta R.T. -0.01 min

Lab File: BG047521.D

Acq: 2 Dec 2020 7:57

| Tgt Ion | Ion | Ratio | Resp  | Lower | Upper |
|---------|-----|-------|-------|-------|-------|
| 202     | 100 |       | 17907 |       |       |
| 101     | 7.3 | 3.5   | 5.3#  |       |       |
| 100     | 4.7 | 3.4   | 5.0   |       |       |

