

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG081116\  
 Data File : BG023643.D  
 Acq On : 12 Aug 2016 4:28  
 Operator : UM/SJ  
 Sample : H4360-11 5X  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PR001-SS003-0206-01

## Integration Parameters: LSCINT.P

Integrator: RTE  
 Smoothing : OFF  
 Sampling : 1  
 Start Thrs: 0.2  
 Stop Thrs : 0

Filtering: 5  
 Min Area: 0.1 % of largest Peak  
 Max Peaks: 100  
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
 Peak separation: 5

Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG080416.M  
 Title : SVOA CALIBRATION

Signal : TIC

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|--------|----------|------------|----------|-----------|-------|-------------|------------|--------------|------------|
| 1      | 3.136    | 49         | 51       | 52        | rBV2  | 6976        | 4731       | 0.17%        | 0.033%     |
| 2      | 3.172    | 54         | 57       | 61        | rVB3  | 22704       | 29442      | 1.05%        | 0.208%     |
| 3      | 3.260    | 70         | 72       | 79        | rVB6  | 19288       | 32380      | 1.16%        | 0.229%     |
| 4      | 3.518    | 113        | 116      | 119       | rVB4  | 7324        | 8897       | 0.32%        | 0.063%     |
| 5      | 3.542    | 119        | 120      | 122       | rBV2  | 8857        | 6156       | 0.22%        | 0.044%     |
| 6      | 3.612    | 128        | 132      | 133       | rBV3  | 4664        | 5097       | 0.18%        | 0.036%     |
| 7      | 3.747    | 152        | 155      | 158       | rBV4  | 6020        | 8265       | 0.30%        | 0.058%     |
| 8      | 4.065    | 207        | 209      | 212       | rBV3  | 4873        | 5354       | 0.19%        | 0.038%     |
| 9      | 4.288    | 244        | 247      | 249       | rBV4  | 4431        | 5642       | 0.20%        | 0.040%     |
| 10     | 4.353    | 257        | 258      | 262       | rVB3  | 5327        | 5107       | 0.18%        | 0.036%     |
| 11     | 4.464    | 273        | 277      | 283       | rBV2  | 20686       | 27751      | 0.99%        | 0.196%     |
| 12     | 4.705    | 315        | 318      | 320       | rVB4  | 6149        | 6830       | 0.24%        | 0.048%     |
| 13     | 4.728    | 320        | 322      | 324       | rBV3  | 5697        | 4700       | 0.17%        | 0.033%     |
| 14     | 4.881    | 347        | 348      | 353       | rVB4  | 8174        | 9030       | 0.32%        | 0.064%     |
| 15     | 4.922    | 353        | 355      | 358       | rBV4  | 3872        | 4606       | 0.16%        | 0.033%     |
| 16     | 5.416    | 437        | 439      | 444       | rVB6  | 4896        | 5099       | 0.18%        | 0.036%     |
| 17     | 5.868    | 514        | 516      | 519       | rVB3  | 3502        | 4312       | 0.15%        | 0.031%     |
| 18     | 5.939    | 525        | 528      | 530       | rBV3  | 5004        | 6264       | 0.22%        | 0.044%     |
| 19     | 6.038    | 542        | 545      | 549       | rVB5  | 4906        | 6571       | 0.24%        | 0.046%     |
| 20     | 6.074    | 549        | 551      | 553       | rBV2  | 5578        | 5736       | 0.21%        | 0.041%     |
| 21     | 6.456    | 613        | 616      | 618       | rBV4  | 4651        | 4670       | 0.17%        | 0.033%     |
| 22     | 6.479    | 618        | 620      | 623       | rVB3  | 4295        | 4429       | 0.16%        | 0.031%     |
| 23     | 6.503    | 623        | 624      | 627       | rBV   | 4329        | 5548       | 0.20%        | 0.039%     |
| 24     | 6.691    | 654        | 656      | 659       | rBV4  | 7065        | 6599       | 0.24%        | 0.047%     |
| 25     | 6.826    | 677        | 679      | 682       | rBV3  | 5433        | 5686       | 0.20%        | 0.040%     |
| 26     | 7.049    | 714        | 717      | 718       | rBV2  | 4273        | 4542       | 0.16%        | 0.032%     |
| 27     | 7.272    | 749        | 755      | 762       | rBV   | 65115       | 126602     | 4.53%        | 0.896%     |
| 28     | 7.425    | 774        | 781      | 788       | rBV   | 57093       | 99053      | 3.55%        | 0.701%     |
| 29     | 7.642    | 812        | 818      | 825       | rBV3  | 65779       | 127204     | 4.55%        | 0.900%     |
| 30     | 7.795    | 839        | 844      | 847       | rBV4  | 5807        | 9393       | 0.34%        | 0.066%     |
| 31     | 7.907    | 858        | 863      | 864       | rBV4  | 5631        | 4780       | 0.17%        | 0.034%     |
| 32     | 8.112    | 890        | 898      | 908       | rBV   | 585754      | 999842     | 35.78%       | 7.074%     |
| 33     | 8.353    | 938        | 939      | 945       | rVB5  | 4780        | 7611       | 0.27%        | 0.054%     |
| 34     | 8.400    | 945        | 947      | 950       | rBV3  | 4505        | 5877       | 0.21%        | 0.042%     |

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 Title : SVOA CALIBRATION

|    |        |      |      |      |      |        |         |        |         |
|----|--------|------|------|------|------|--------|---------|--------|---------|
| 35 | 8.435  | 950  | 953  | 955  | rVV3 | 4488   | 4550    | 0.16%  | 0.032%  |
| 36 | 8.476  | 958  | 960  | 964  | rBV3 | 3440   | 4319    | 0.15%  | 0.031%  |
| 37 | 8.541  | 969  | 971  | 974  | rVB3 | 5356   | 6641    | 0.24%  | 0.047%  |
| 38 | 8.588  | 974  | 979  | 981  | rBV4 | 6507   | 8715    | 0.31%  | 0.062%  |
| 39 | 8.835  | 1014 | 1021 | 1027 | rBV3 | 64265  | 135330  | 4.84%  | 0.958%  |
| 40 | 8.899  | 1030 | 1032 | 1033 | rVB2 | 7238   | 4517    | 0.16%  | 0.032%  |
| 41 | 9.058  | 1057 | 1059 | 1062 | rBV4 | 5313   | 7106    | 0.25%  | 0.050%  |
| 42 | 9.287  | 1093 | 1098 | 1107 | rBV3 | 59845  | 123918  | 4.44%  | 0.877%  |
| 43 | 9.551  | 1141 | 1143 | 1146 | rVB4 | 4467   | 5118    | 0.18%  | 0.036%  |
| 44 | 9.628  | 1154 | 1156 | 1160 | rVB4 | 4189   | 4690    | 0.17%  | 0.033%  |
| 45 | 9.669  | 1160 | 1163 | 1166 | rBV5 | 4255   | 5739    | 0.21%  | 0.041%  |
| 46 | 9.704  | 1166 | 1169 | 1171 | rBV3 | 4317   | 4869    | 0.17%  | 0.034%  |
| 47 | 9.851  | 1189 | 1194 | 1195 | rVB3 | 4697   | 4815    | 0.17%  | 0.034%  |
| 48 | 9.980  | 1213 | 1216 | 1218 | rBV4 | 5366   | 5357    | 0.19%  | 0.038%  |
| 49 | 10.027 | 1218 | 1224 | 1229 | rVV3 | 48578  | 97779   | 3.50%  | 0.692%  |
| 50 | 10.333 | 1272 | 1276 | 1279 | rBV5 | 6188   | 7783    | 0.28%  | 0.055%  |
| 51 | 10.585 | 1312 | 1319 | 1332 | rBV3 | 60056  | 148033  | 5.30%  | 1.047%  |
| 52 | 10.761 | 1347 | 1349 | 1353 | rBV3 | 7481   | 10476   | 0.37%  | 0.074%  |
| 53 | 10.949 | 1373 | 1381 | 1391 | rBV  | 825399 | 1490251 | 53.34% | 10.544% |
| 54 | 11.102 | 1400 | 1407 | 1411 | rBV6 | 13743  | 30151   | 1.08%  | 0.213%  |
| 55 | 11.431 | 1459 | 1463 | 1468 | rBV6 | 5866   | 10125   | 0.36%  | 0.072%  |
| 56 | 11.707 | 1506 | 1510 | 1514 | rBV3 | 4088   | 9894    | 0.35%  | 0.070%  |
| 57 | 11.766 | 1516 | 1520 | 1521 | rVB3 | 4917   | 4688    | 0.17%  | 0.033%  |
| 58 | 12.019 | 1561 | 1563 | 1566 | rBV3 | 5090   | 5394    | 0.19%  | 0.038%  |
| 59 | 12.077 | 1571 | 1573 | 1577 | rVB2 | 5255   | 5346    | 0.19%  | 0.038%  |
| 60 | 12.312 | 1611 | 1613 | 1617 | rVB4 | 5565   | 4972    | 0.18%  | 0.035%  |
| 61 | 12.547 | 1651 | 1653 | 1658 | rVB4 | 6016   | 8036    | 0.29%  | 0.057%  |
| 62 | 12.583 | 1658 | 1659 | 1662 | rVB2 | 6196   | 4778    | 0.17%  | 0.034%  |
| 63 | 12.635 | 1666 | 1668 | 1671 | rVB3 | 6723   | 5425    | 0.19%  | 0.038%  |
| 64 | 12.847 | 1702 | 1704 | 1705 | rVB2 | 6779   | 4525    | 0.16%  | 0.032%  |
| 65 | 12.865 | 1705 | 1707 | 1708 | rBV2 | 5974   | 5296    | 0.19%  | 0.037%  |
| 66 | 12.912 | 1714 | 1715 | 1719 | rBV3 | 4009   | 4984    | 0.18%  | 0.035%  |
| 67 | 13.082 | 1740 | 1744 | 1745 | rBV3 | 5738   | 5199    | 0.19%  | 0.037%  |
| 68 | 13.123 | 1749 | 1751 | 1753 | rVB3 | 5386   | 4544    | 0.16%  | 0.032%  |
| 69 | 13.287 | 1778 | 1779 | 1782 | rBV3 | 4579   | 5507    | 0.20%  | 0.039%  |
| 70 | 13.381 | 1794 | 1795 | 1799 | rVB4 | 5092   | 5794    | 0.21%  | 0.041%  |
| 71 | 13.411 | 1799 | 1800 | 1802 | rBV2 | 4803   | 4379    | 0.16%  | 0.031%  |

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 Title : SVOA CALIBRATION

|     |        |      |      |      |      |         |         |         |         |
|-----|--------|------|------|------|------|---------|---------|---------|---------|
| 72  | 13.564 | 1822 | 1826 | 1830 | rBV6 | 3491    | 7090    | 0.25%   | 0.050%  |
| 73  | 13.663 | 1837 | 1843 | 1845 | rBV7 | 12290   | 19908   | 0.71%   | 0.141%  |
| 74  | 13.793 | 1862 | 1865 | 1867 | rBV3 | 4026    | 4670    | 0.17%   | 0.033%  |
| 75  | 13.975 | 1894 | 1896 | 1901 | rVB6 | 4971    | 5722    | 0.20%   | 0.040%  |
| 76  | 14.028 | 1901 | 1905 | 1906 | rBV3 | 3768    | 4939    | 0.18%   | 0.035%  |
| 77  | 14.081 | 1910 | 1914 | 1915 | rBV2 | 3709    | 4929    | 0.18%   | 0.035%  |
| 78  | 14.180 | 1925 | 1931 | 1935 | rBV  | 156184  | 246700  | 8.83%   | 1.746%  |
| 79  | 14.227 | 1935 | 1939 | 1948 | rVV  | 117847  | 187264  | 6.70%   | 1.325%  |
| 80  | 14.286 | 1948 | 1949 | 1952 | rVB3 | 6371    | 5854    | 0.21%   | 0.041%  |
| 81  | 14.480 | 1975 | 1982 | 1988 | rBV  | 183551  | 301135  | 10.78%  | 2.131%  |
| 82  | 14.656 | 2008 | 2012 | 2013 | rBV3 | 6529    | 7053    | 0.25%   | 0.050%  |
| 83  | 14.785 | 2028 | 2034 | 2044 | rVB2 | 1328046 | 2205253 | 78.93%  | 15.603% |
| 84  | 14.868 | 2046 | 2048 | 2053 | rVB4 | 10129   | 12314   | 0.44%   | 0.087%  |
| 85  | 14.909 | 2053 | 2055 | 2056 | rBV3 | 4788    | 4685    | 0.17%   | 0.033%  |
| 86  | 14.997 | 2068 | 2070 | 2073 | rVB4 | 7690    | 5282    | 0.19%   | 0.037%  |
| 87  | 15.044 | 2073 | 2078 | 2084 | rBV5 | 27077   | 67702   | 2.42%   | 0.479%  |
| 88  | 15.784 | 2198 | 2204 | 2210 | rBV  | 258956  | 404579  | 14.48%  | 2.863%  |
| 89  | 15.919 | 2222 | 2227 | 2232 | rBV6 | 35724   | 56432   | 2.02%   | 0.399%  |
| 90  | 16.019 | 2242 | 2244 | 2250 | rVB7 | 15678   | 19375   | 0.69%   | 0.137%  |
| 91  | 16.477 | 2317 | 2322 | 2329 | rBV7 | 17981   | 42216   | 1.51%   | 0.299%  |
| 92  | 16.894 | 2391 | 2393 | 2395 | rVB3 | 11523   | 7837    | 0.28%   | 0.055%  |
| 93  | 17.006 | 2410 | 2412 | 2414 | rVB3 | 11598   | 7526    | 0.27%   | 0.053%  |
| 94  | 17.329 | 2465 | 2467 | 2474 | rVB8 | 13259   | 22246   | 0.80%   | 0.157%  |
| 95  | 17.417 | 2480 | 2482 | 2486 | rBV5 | 11719   | 14773   | 0.53%   | 0.105%  |
| 96  | 17.552 | 2498 | 2505 | 2511 | rBV2 | 1750713 | 2735676 | 97.91%  | 19.356% |
| 97  | 17.652 | 2517 | 2522 | 2529 | rVB  | 263821  | 406459  | 14.55%  | 2.876%  |
| 98  | 18.428 | 2650 | 2654 | 2658 | rBV7 | 50891   | 86899   | 3.11%   | 0.615%  |
| 99  | 19.943 | 2908 | 2912 | 2923 | rVB2 | 375079  | 631716  | 22.61%  | 4.470%  |
| 100 | 21.876 | 3236 | 3241 | 3248 | rVB2 | 1667427 | 2794032 | 100.00% | 19.769% |

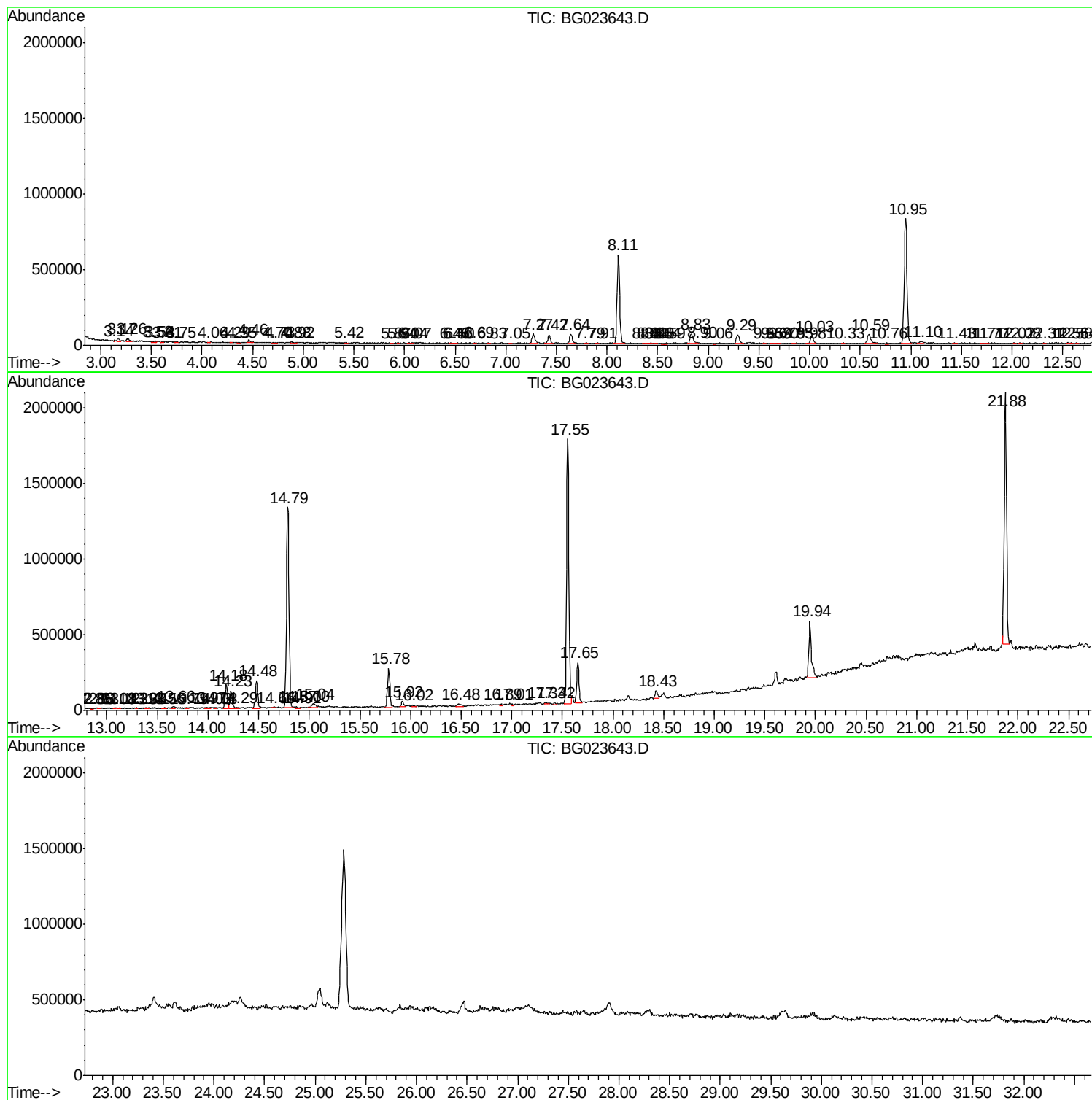
Sum of corrected areas: 14133115

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Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG080416.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P



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TIC Library : C:\DATABASE\NIST11.L  
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No Library Search Compounds Detected

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| TIC Top Hit name | RT | EstConc | Units | Response | --Internal Standard-- |
|------------------|----|---------|-------|----------|-----------------------|
|                  |    |         |       |          | # RT Resp Conc        |