

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120916\  
 Data File : BG025061.D  
 Acq On : 10 Dec 2016 8:24  
 Operator : UM/SJ  
 Sample : H5863-06DL 20X  
 Misc :  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 DA7Y5DL

## Integration Parameters: LSCINT.P

Integrator: RTE  
 Smoothing : ON  
 Sampling : 1  
 Start Thrs: 0.1  
 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: 1

Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG113016.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      | 3.285    | 74         | 76       | 80        | rVB5  | 10975       | 13373      | 0.38%        | 0.086%     |
| 2      | 3.432    | 100        | 101      | 104       | rBV2  | 10792       | 10654      | 0.30%        | 0.068%     |
| 3      | 3.737    | 150        | 153      | 157       | rVB4  | 6769        | 7420       | 0.21%        | 0.048%     |
| 4      | 3.984    | 193        | 195      | 198       | rBV4  | 11688       | 12160      | 0.34%        | 0.078%     |
| 5      | 4.160    | 222        | 225      | 227       | rBV5  | 9154        | 8406       | 0.24%        | 0.054%     |
| 6      | 4.196    | 230        | 231      | 236       | rVB4  | 6467        | 9011       | 0.25%        | 0.058%     |
| 7      | 4.360    | 254        | 259      | 261       | rBV6  | 5405        | 8767       | 0.25%        | 0.056%     |
| 8      | 4.483    | 278        | 280      | 285       | rVB4  | 9589        | 13793      | 0.39%        | 0.088%     |
| 9      | 5.183    | 397        | 399      | 404       | rVB6  | 6377        | 9438       | 0.27%        | 0.060%     |
| 10     | 5.224    | 404        | 406      | 412       | rBV6  | 6113        | 9157       | 0.26%        | 0.059%     |
| 11     | 5.288    | 412        | 417      | 421       | rBV6  | 5634        | 8584       | 0.24%        | 0.055%     |
| 12     | 5.429    | 438        | 441      | 444       | rBV3  | 7204        | 8560       | 0.24%        | 0.055%     |
| 13     | 5.641    | 469        | 477      | 482       | rBV6  | 5396        | 14217      | 0.40%        | 0.091%     |
| 14     | 5.729    | 485        | 492      | 495       | rBV5  | 7425        | 15126      | 0.43%        | 0.097%     |
| 15     | 5.852    | 507        | 513      | 519       | rVB5  | 7930        | 19067      | 0.54%        | 0.122%     |
| 16     | 5.999    | 535        | 538      | 542       | rVB5  | 5666        | 7659       | 0.22%        | 0.049%     |
| 17     | 6.123    | 557        | 559      | 564       | rVB5  | 7952        | 9958       | 0.28%        | 0.064%     |
| 18     | 6.193    | 568        | 571      | 575       | rBV5  | 9360        | 14014      | 0.39%        | 0.090%     |
| 19     | 6.270    | 583        | 584      | 591       | rBV4  | 5117        | 8841       | 0.25%        | 0.057%     |
| 20     | 6.346    | 591        | 597      | 600       | rBV5  | 7465        | 10757      | 0.30%        | 0.069%     |
| 21     | 6.446    | 609        | 614      | 616       | rBV4  | 4254        | 8770       | 0.25%        | 0.056%     |
| 22     | 6.622    | 643        | 644      | 650       | rVB3  | 7405        | 10773      | 0.30%        | 0.069%     |
| 23     | 6.663    | 650        | 651      | 654       | rBV3  | 7380        | 8368       | 0.24%        | 0.054%     |
| 24     | 6.787    | 669        | 672      | 679       | rBV5  | 6468        | 10676      | 0.30%        | 0.068%     |
| 25     | 6.986    | 703        | 706      | 711       | rBV5  | 4146        | 7174       | 0.20%        | 0.046%     |
| 26     | 7.080    | 719        | 722      | 725       | rVB4  | 5419        | 7280       | 0.20%        | 0.047%     |
| 27     | 7.133    | 728        | 731      | 733       | rBV2  | 7231        | 8069       | 0.23%        | 0.052%     |
| 28     | 7.398    | 768        | 776      | 787       | rBV8  | 20937       | 60771      | 1.71%        | 0.389%     |
| 29     | 7.556    | 797        | 803      | 814       | rBV3  | 14606       | 38276      | 1.08%        | 0.245%     |
| 30     | 7.780    | 835        | 841      | 845       | rVB5  | 17953       | 32053      | 0.90%        | 0.205%     |
| 31     | 7.874    | 853        | 857      | 860       | rBV4  | 6431        | 8189       | 0.23%        | 0.052%     |
| 32     | 7.909    | 860        | 863      | 866       | rBV4  | 8360        | 9056       | 0.25%        | 0.058%     |
| 33     | 7.968    | 870        | 873      | 877       | rVB4  | 7171        | 10461      | 0.29%        | 0.067%     |
| 34     | 8.244    | 912        | 920      | 930       | rBV2  | 386115      | 718773     | 20.23%       | 4.603%     |

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 Title : SVOA CALIBRATION

|    |        |      |      |      |      |        |         |        |        |
|----|--------|------|------|------|------|--------|---------|--------|--------|
| 35 | 8.502  | 963  | 964  | 970  | rVB4 | 7148   | 7422    | 0.21%  | 0.048% |
| 36 | 8.543  | 970  | 971  | 978  | rVB6 | 9003   | 13949   | 0.39%  | 0.089% |
| 37 | 8.602  | 978  | 981  | 985  | rBV6 | 6899   | 10303   | 0.29%  | 0.066% |
| 38 | 8.696  | 996  | 997  | 1002 | rVB5 | 7737   | 7712    | 0.22%  | 0.049% |
| 39 | 8.949  | 1034 | 1040 | 1046 | rBV6 | 21028  | 38954   | 1.10%  | 0.249% |
| 40 | 9.437  | 1113 | 1123 | 1126 | rVV5 | 15806  | 35164   | 0.99%  | 0.225% |
| 41 | 9.578  | 1143 | 1147 | 1150 | rBV5 | 4700   | 8357    | 0.24%  | 0.054% |
| 42 | 9.648  | 1156 | 1159 | 1164 | rVB4 | 5214   | 7528    | 0.21%  | 0.048% |
| 43 | 9.760  | 1176 | 1178 | 1181 | rBV4 | 5719   | 7060    | 0.20%  | 0.045% |
| 44 | 9.936  | 1206 | 1208 | 1214 | rVB6 | 6570   | 9008    | 0.25%  | 0.058% |
| 45 | 10.042 | 1221 | 1226 | 1230 | rVB7 | 6009   | 11895   | 0.33%  | 0.076% |
| 46 | 10.147 | 1238 | 1244 | 1251 | rVB6 | 17536  | 36396   | 1.02%  | 0.233% |
| 47 | 10.500 | 1303 | 1304 | 1308 | rVB3 | 7098   | 7334    | 0.21%  | 0.047% |
| 48 | 10.576 | 1313 | 1317 | 1320 | rVB3 | 6224   | 9508    | 0.27%  | 0.061% |
| 49 | 10.682 | 1328 | 1335 | 1342 | rBV8 | 20379  | 52024   | 1.46%  | 0.333% |
| 50 | 10.729 | 1342 | 1343 | 1354 | rVV8 | 6733   | 16308   | 0.46%  | 0.104% |
| 51 | 10.817 | 1354 | 1358 | 1361 | rVB4 | 5841   | 7865    | 0.22%  | 0.050% |
| 52 | 10.858 | 1361 | 1365 | 1370 | rBV4 | 5133   | 9526    | 0.27%  | 0.061% |
| 53 | 11.070 | 1393 | 1401 | 1415 | rBV  | 563733 | 1105958 | 31.12% | 7.083% |
| 54 | 11.211 | 1421 | 1425 | 1429 | rVB6 | 7142   | 10353   | 0.29%  | 0.066% |
| 55 | 11.969 | 1551 | 1554 | 1558 | rVB4 | 8352   | 9918    | 0.28%  | 0.064% |
| 56 | 12.069 | 1570 | 1571 | 1576 | rBV3 | 6552   | 10564   | 0.30%  | 0.068% |
| 57 | 12.380 | 1622 | 1624 | 1627 | rBV4 | 7413   | 8883    | 0.25%  | 0.057% |
| 58 | 12.521 | 1645 | 1648 | 1654 | rVB7 | 6096   | 14377   | 0.40%  | 0.092% |
| 59 | 12.715 | 1677 | 1681 | 1686 | rBV5 | 7727   | 17851   | 0.50%  | 0.114% |
| 60 | 12.932 | 1716 | 1718 | 1722 | rVB4 | 7727   | 7711    | 0.22%  | 0.049% |
| 61 | 13.279 | 1774 | 1777 | 1782 | rBV6 | 6407   | 11906   | 0.34%  | 0.076% |
| 62 | 13.355 | 1788 | 1790 | 1795 | rVB4 | 5991   | 8217    | 0.23%  | 0.053% |
| 63 | 13.643 | 1836 | 1839 | 1844 | rVB4 | 7982   | 15274   | 0.43%  | 0.098% |
| 64 | 13.861 | 1873 | 1876 | 1880 | rVB4 | 5642   | 9076    | 0.26%  | 0.058% |
| 65 | 14.049 | 1906 | 1908 | 1912 | rVB4 | 6130   | 7259    | 0.20%  | 0.046% |
| 66 | 14.119 | 1912 | 1920 | 1922 | rVB6 | 4744   | 8088    | 0.23%  | 0.052% |
| 67 | 14.190 | 1926 | 1932 | 1936 | rBV9 | 6354   | 14140   | 0.40%  | 0.091% |
| 68 | 14.254 | 1936 | 1943 | 1949 | rVV3 | 42169  | 73209   | 2.06%  | 0.469% |
| 69 | 14.301 | 1949 | 1951 | 1955 | rVB4 | 11468  | 11611   | 0.33%  | 0.074% |
| 70 | 14.460 | 1977 | 1978 | 1983 | rVB5 | 6415   | 8280    | 0.23%  | 0.053% |
| 71 | 14.507 | 1983 | 1986 | 1988 | rBV3 | 5493   | 7035    | 0.20%  | 0.045% |

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 Title : SVOA CALIBRATION

|     |        |      |      |      |      |         |         |         |         |
|-----|--------|------|------|------|------|---------|---------|---------|---------|
| 72  | 14.560 | 1988 | 1995 | 2004 | rVB2 | 46440   | 87635   | 2.47%   | 0.561%  |
| 73  | 14.713 | 2017 | 2021 | 2028 | rVB8 | 11702   | 19063   | 0.54%   | 0.122%  |
| 74  | 14.865 | 2034 | 2047 | 2060 | rBV  | 955820  | 1634512 | 45.99%  | 10.468% |
| 75  | 15.077 | 2079 | 2083 | 2088 | rBV8 | 11024   | 21429   | 0.60%   | 0.137%  |
| 76  | 15.600 | 2168 | 2172 | 2177 | rBV9 | 11640   | 15671   | 0.44%   | 0.100%  |
| 77  | 15.647 | 2177 | 2180 | 2186 | rVV8 | 15940   | 24884   | 0.70%   | 0.159%  |
| 78  | 15.776 | 2199 | 2202 | 2204 | rBV4 | 12026   | 9384    | 0.26%   | 0.060%  |
| 79  | 15.853 | 2208 | 2215 | 2222 | rBV2 | 68914   | 118377  | 3.33%   | 0.758%  |
| 80  | 15.964 | 2232 | 2234 | 2238 | rBV5 | 12805   | 14435   | 0.41%   | 0.092%  |
| 81  | 16.511 | 2323 | 2327 | 2331 | rBV7 | 13291   | 23437   | 0.66%   | 0.150%  |
| 82  | 16.558 | 2331 | 2335 | 2338 | rVV6 | 12971   | 21984   | 0.62%   | 0.141%  |
| 83  | 16.657 | 2350 | 2352 | 2356 | rBV4 | 16052   | 17296   | 0.49%   | 0.111%  |
| 84  | 16.716 | 2358 | 2362 | 2369 | rVB8 | 22167   | 41179   | 1.16%   | 0.264%  |
| 85  | 16.769 | 2369 | 2371 | 2375 | rBV4 | 21079   | 23694   | 0.67%   | 0.152%  |
| 86  | 16.810 | 2377 | 2378 | 2384 | rVB6 | 11631   | 14132   | 0.40%   | 0.091%  |
| 87  | 16.981 | 2403 | 2407 | 2412 | rVB6 | 21270   | 40136   | 1.13%   | 0.257%  |
| 88  | 17.039 | 2414 | 2417 | 2421 | rBV3 | 18940   | 28829   | 0.81%   | 0.185%  |
| 89  | 17.251 | 2451 | 2453 | 2457 | rBV5 | 14380   | 14795   | 0.42%   | 0.095%  |
| 90  | 17.310 | 2460 | 2463 | 2465 | rBV4 | 11227   | 10492   | 0.30%   | 0.067%  |
| 91  | 17.380 | 2471 | 2475 | 2481 | rBV8 | 18569   | 42002   | 1.18%   | 0.269%  |
| 92  | 17.427 | 2482 | 2483 | 2486 | rBV3 | 9039    | 9128    | 0.26%   | 0.058%  |
| 93  | 17.603 | 2506 | 2513 | 2524 | rBV  | 1253320 | 1987371 | 55.92%  | 12.728% |
| 94  | 17.703 | 2525 | 2530 | 2537 | rVB2 | 69697   | 123311  | 3.47%   | 0.790%  |
| 95  | 18.003 | 2578 | 2581 | 2583 | rVB4 | 12633   | 15235   | 0.43%   | 0.098%  |
| 96  | 18.731 | 2701 | 2705 | 2707 | rBV5 | 17150   | 23409   | 0.66%   | 0.150%  |
| 97  | 19.977 | 2913 | 2917 | 2926 | rVB2 | 123919  | 253245  | 7.13%   | 1.622%  |
| 98  | 21.728 | 3209 | 3215 | 3226 | rVB  | 2411443 | 3553781 | 100.00% | 22.760% |
| 99  | 21.898 | 3237 | 3244 | 3258 | rBV  | 1363861 | 2410067 | 67.82%  | 15.435% |
| 100 | 25.312 | 3816 | 3825 | 3842 | rVB2 | 687912  | 2201476 | 61.95%  | 14.099% |

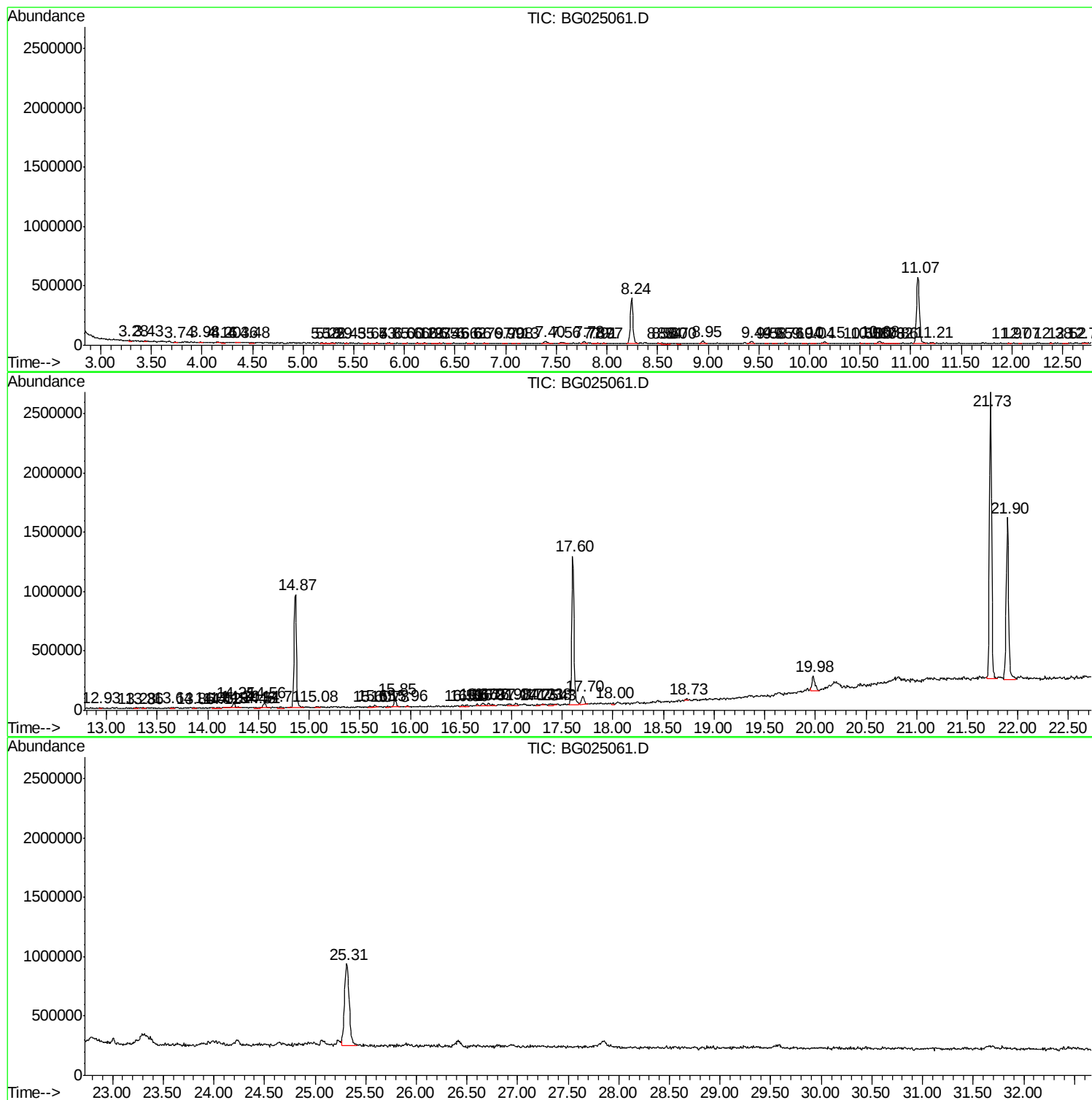
Sum of corrected areas: 15614063

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.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        |