

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG070116\  
 Data File : BG022782.D  
 Acq On : 2 Jul 2016 7:08  
 Operator : UM/SJ  
 Sample : H3752-09  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 BDHL5

## 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-BG063016.M  
 Title : SVOA CALIBRATION

Signal : TIC

| peak<br># | R.T.<br>min | first<br>scan | max<br>scan | last<br>scan | PK<br>TY | peak<br>height | corr.<br>area | corr.<br>% max. | % of<br>total |
|-----------|-------------|---------------|-------------|--------------|----------|----------------|---------------|-----------------|---------------|
| 1         | 3.050       | 35            | 36          | 42           | rVB5     | 13804          | 12791         | 0.37%           | 0.034%        |
| 2         | 3.115       | 45            | 47          | 51           | rBV5     | 7192           | 7951          | 0.23%           | 0.021%        |
| 3         | 3.273       | 72            | 74          | 76           | rBV3     | 10333          | 8268          | 0.24%           | 0.022%        |
| 4         | 3.320       | 80            | 82          | 86           | rVB4     | 9429           | 7871          | 0.23%           | 0.021%        |
| 5         | 3.543       | 117           | 120         | 124          | rVB2     | 12413          | 15887         | 0.46%           | 0.042%        |
| 6         | 3.849       | 169           | 172         | 174          | rBV3     | 6654           | 6501          | 0.19%           | 0.017%        |
| 7         | 3.919       | 180           | 184         | 188          | rVB4     | 7677           | 9918          | 0.29%           | 0.026%        |
| 8         | 4.084       | 207           | 212         | 217          | rBV5     | 9607           | 18587         | 0.54%           | 0.049%        |
| 9         | 4.290       | 245           | 247         | 249          | rBV3     | 6718           | 7888          | 0.23%           | 0.021%        |
| 10        | 4.313       | 249           | 251         | 254          | rVB3     | 9884           | 10819         | 0.31%           | 0.029%        |
| 11        | 4.625       | 300           | 304         | 309          | rBV5     | 18041          | 26962         | 0.78%           | 0.071%        |
| 12        | 4.760       | 324           | 327         | 329          | rBV3     | 7344           | 10354         | 0.30%           | 0.027%        |
| 13        | 5.224       | 402           | 406         | 407          | rBV3     | 7934           | 8260          | 0.24%           | 0.022%        |
| 14        | 5.236       | 407           | 408         | 412          | rVB2     | 9081           | 8876          | 0.26%           | 0.024%        |
| 15        | 5.353       | 425           | 428         | 432          | rBV2     | 3583           | 6218          | 0.18%           | 0.016%        |
| 16        | 5.465       | 444           | 447         | 449          | rVB3     | 7253           | 7553          | 0.22%           | 0.020%        |
| 17        | 5.735       | 490           | 493         | 495          | rVB4     | 7829           | 6979          | 0.20%           | 0.018%        |
| 18        | 5.758       | 495           | 497         | 501          | rBV      | 8318           | 8448          | 0.24%           | 0.022%        |
| 19        | 5.947       | 526           | 529         | 530          | rBV3     | 5795           | 6359          | 0.18%           | 0.017%        |
| 20        | 6.234       | 575           | 578         | 581          | rVB5     | 6076           | 7912          | 0.23%           | 0.021%        |
| 21        | 6.428       | 609           | 611         | 616          | rVB5     | 6803           | 8386          | 0.24%           | 0.022%        |
| 22        | 6.563       | 632           | 634         | 639          | rVB5     | 5461           | 8870          | 0.26%           | 0.023%        |
| 23        | 7.310       | 755           | 761         | 771          | rVB2     | 428668         | 730608        | 21.11%          | 1.935%        |
| 24        | 7.474       | 781           | 789         | 798          | rVB      | 277487         | 481021        | 13.90%          | 1.274%        |
| 25        | 7.574       | 805           | 806         | 810          | rBV3     | 7379           | 8240          | 0.24%           | 0.022%        |
| 26        | 7.692       | 818           | 826         | 833          | rBV      | 361232         | 654924        | 18.92%          | 1.735%        |
| 27        | 7.844       | 848           | 852         | 855          | rVB4     | 5998           | 7780          | 0.22%           | 0.021%        |
| 28        | 7.927       | 862           | 866         | 869          | rBV4     | 6019           | 8772          | 0.25%           | 0.023%        |
| 29        | 8.162       | 895           | 906         | 916          | rVV      | 472024         | 833392        | 24.08%          | 2.207%        |
| 30        | 8.749       | 1002          | 1006        | 1012         | rVB5     | 7313           | 14496         | 0.42%           | 0.038%        |
| 31        | 8.802       | 1012          | 1015        | 1017         | rBV2     | 5000           | 6315          | 0.18%           | 0.017%        |
| 32        | 8.861       | 1017          | 1025        | 1034         | rBV      | 529809         | 915242        | 26.44%          | 2.424%        |
| 33        | 8.984       | 1042          | 1046        | 1047         | rBV3     | 6767           | 8839          | 0.26%           | 0.023%        |
| 34        | 9.090       | 1061          | 1064        | 1068         | rVB2     | 5480           | 7459          | 0.22%           | 0.020%        |

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 Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 35 | 9.184  | 1077 | 1080 | 1083 | rBV3 | 5825    | 7952    | 0.23%  | 0.021% |
| 36 | 9.331  | 1098 | 1105 | 1113 | rBV  | 371893  | 687102  | 19.85% | 1.820% |
| 37 | 9.484  | 1126 | 1131 | 1135 | rVB6 | 5944    | 11676   | 0.34%  | 0.031% |
| 38 | 9.719  | 1168 | 1171 | 1174 | rVB3 | 8590    | 10175   | 0.29%  | 0.027% |
| 39 | 9.807  | 1183 | 1186 | 1189 | rBV3 | 6300    | 7902    | 0.23%  | 0.021% |
| 40 | 10.059 | 1222 | 1229 | 1238 | rVV  | 340788  | 631154  | 18.24% | 1.672% |
| 41 | 10.118 | 1238 | 1239 | 1244 | rVV5 | 6836    | 8456    | 0.24%  | 0.022% |
| 42 | 10.165 | 1244 | 1247 | 1250 | rVB4 | 5705    | 8504    | 0.25%  | 0.023% |
| 43 | 10.430 | 1287 | 1292 | 1296 | rVB2 | 6459    | 13600   | 0.39%  | 0.036% |
| 44 | 10.600 | 1313 | 1321 | 1329 | rVV  | 521736  | 950184  | 27.45% | 2.517% |
| 45 | 10.735 | 1342 | 1344 | 1351 | rVV5 | 5379    | 9843    | 0.28%  | 0.026% |
| 46 | 10.988 | 1379 | 1387 | 1394 | rBV  | 661061  | 1215360 | 35.12% | 3.219% |
| 47 | 11.117 | 1401 | 1409 | 1420 | rBV2 | 456752  | 858509  | 24.81% | 2.274% |
| 48 | 11.264 | 1433 | 1434 | 1440 | rBV3 | 8903    | 6883    | 0.20%  | 0.018% |
| 49 | 11.587 | 1487 | 1489 | 1493 | rVB3 | 5965    | 6539    | 0.19%  | 0.017% |
| 50 | 12.439 | 1632 | 1634 | 1636 | rBV2 | 5447    | 6674    | 0.19%  | 0.018% |
| 51 | 12.480 | 1640 | 1641 | 1646 | rVB4 | 10333   | 14767   | 0.43%  | 0.039% |
| 52 | 12.556 | 1653 | 1654 | 1657 | rBV2 | 9203    | 8865    | 0.26%  | 0.023% |
| 53 | 12.586 | 1657 | 1659 | 1662 | rVB3 | 6666    | 7562    | 0.22%  | 0.020% |
| 54 | 13.150 | 1754 | 1755 | 1759 | rVB2 | 9197    | 7057    | 0.20%  | 0.019% |
| 55 | 13.297 | 1773 | 1780 | 1781 | rBV6 | 5407    | 12004   | 0.35%  | 0.032% |
| 56 | 13.397 | 1793 | 1797 | 1800 | rVB6 | 13065   | 14720   | 0.43%  | 0.039% |
| 57 | 13.426 | 1800 | 1802 | 1806 | rVV3 | 6061    | 8124    | 0.23%  | 0.022% |
| 58 | 13.538 | 1818 | 1821 | 1824 | rVB4 | 7364    | 7698    | 0.22%  | 0.020% |
| 59 | 13.673 | 1838 | 1844 | 1849 | rBV5 | 17379   | 32359   | 0.93%  | 0.086% |
| 60 | 13.814 | 1866 | 1868 | 1871 | rVB2 | 8450    | 7390    | 0.21%  | 0.020% |
| 61 | 13.837 | 1871 | 1872 | 1875 | rBV3 | 9306    | 8485    | 0.25%  | 0.022% |
| 62 | 14.196 | 1926 | 1933 | 1937 | rVV  | 1123960 | 1644323 | 47.51% | 4.355% |
| 63 | 14.243 | 1937 | 1941 | 1949 | rVV  | 291460  | 436746  | 12.62% | 1.157% |
| 64 | 14.313 | 1952 | 1953 | 1958 | rVB5 | 8747    | 12139   | 0.35%  | 0.032% |
| 65 | 14.431 | 1968 | 1973 | 1975 | rBV4 | 4550    | 7996    | 0.23%  | 0.021% |
| 66 | 14.495 | 1977 | 1984 | 1994 | rBV  | 1099505 | 1740217 | 50.28% | 4.609% |
| 67 | 14.672 | 2008 | 2014 | 2019 | rBV4 | 16510   | 26833   | 0.78%  | 0.071% |
| 68 | 14.801 | 2028 | 2036 | 2043 | rVB2 | 1258911 | 2071937 | 59.87% | 5.488% |
| 69 | 14.989 | 2062 | 2068 | 2080 | rBV  | 430817  | 774133  | 22.37% | 2.051% |
| 70 | 15.206 | 2103 | 2105 | 2109 | rVB5 | 17554   | 21601   | 0.62%  | 0.057% |
| 71 | 15.618 | 2172 | 2175 | 2180 | rVB4 | 32091   | 45489   | 1.31%  | 0.120% |

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|-----|--------|------|------|------|------|---------|---------|---------|--------|
| 72  | 15.741 | 2193 | 2196 | 2197 | rBV3 | 8521    | 6644    | 0.19%   | 0.018% |
| 73  | 15.788 | 2197 | 2204 | 2212 | rBV  | 1576221 | 2470275 | 71.37%  | 6.543% |
| 74  | 15.900 | 2215 | 2223 | 2233 | rBV  | 430970  | 698269  | 20.18%  | 1.850% |
| 75  | 15.994 | 2238 | 2239 | 2241 | rVV2 | 8783    | 8914    | 0.26%   | 0.024% |
| 76  | 16.029 | 2241 | 2245 | 2249 | rVB7 | 31425   | 53623   | 1.55%   | 0.142% |
| 77  | 16.123 | 2257 | 2261 | 2268 | rBV6 | 10935   | 27125   | 0.78%   | 0.072% |
| 78  | 16.240 | 2279 | 2281 | 2283 | rBV3 | 7043    | 6731    | 0.19%   | 0.018% |
| 79  | 16.481 | 2319 | 2322 | 2326 | rBV4 | 53757   | 76201   | 2.20%   | 0.202% |
| 80  | 16.746 | 2365 | 2367 | 2368 | rBV2 | 10543   | 8359    | 0.24%   | 0.022% |
| 81  | 16.834 | 2378 | 2382 | 2383 | rBV4 | 15318   | 16510   | 0.48%   | 0.044% |
| 82  | 17.216 | 2445 | 2447 | 2450 | rBV4 | 7709    | 8296    | 0.24%   | 0.022% |
| 83  | 17.280 | 2454 | 2458 | 2462 | rVB2 | 40464   | 55250   | 1.60%   | 0.146% |
| 84  | 17.333 | 2464 | 2467 | 2472 | rVB6 | 20879   | 30981   | 0.90%   | 0.082% |
| 85  | 17.551 | 2498 | 2504 | 2514 | rBV2 | 1800001 | 2891468 | 83.54%  | 7.659% |
| 86  | 17.650 | 2515 | 2521 | 2529 | rVB2 | 1790966 | 2703587 | 78.12%  | 7.161% |
| 87  | 18.021 | 2580 | 2584 | 2585 | rBV4 | 12539   | 15863   | 0.46%   | 0.042% |
| 88  | 18.203 | 2613 | 2615 | 2617 | rVB3 | 11492   | 7129    | 0.21%   | 0.019% |
| 89  | 18.297 | 2628 | 2631 | 2633 | rBV3 | 9590    | 12016   | 0.35%   | 0.032% |
| 90  | 18.414 | 2647 | 2651 | 2656 | rBV3 | 92885   | 137378  | 3.97%   | 0.364% |
| 91  | 18.544 | 2670 | 2673 | 2674 | rBV3 | 13838   | 16669   | 0.48%   | 0.044% |
| 92  | 18.837 | 2721 | 2723 | 2726 | rVB4 | 12905   | 9813    | 0.28%   | 0.026% |
| 93  | 19.260 | 2793 | 2795 | 2796 | rVB2 | 14329   | 6367    | 0.18%   | 0.017% |
| 94  | 19.595 | 2849 | 2852 | 2858 | rVB  | 62643   | 88604   | 2.56%   | 0.235% |
| 95  | 19.683 | 2864 | 2867 | 2872 | rVB7 | 26013   | 29030   | 0.84%   | 0.077% |
| 96  | 19.830 | 2887 | 2892 | 2894 | rBV5 | 31124   | 53229   | 1.54%   | 0.141% |
| 97  | 19.930 | 2903 | 2909 | 2922 | rBV  | 2194306 | 3421531 | 98.86%  | 9.063% |
| 98  | 21.851 | 3229 | 3236 | 3242 | rBV  | 2043050 | 3461013 | 100.00% | 9.167% |
| 99  | 24.989 | 3761 | 3770 | 3780 | rBV2 | 993577  | 2836093 | 81.94%  | 7.512% |
| 100 | 25.224 | 3800 | 3810 | 3824 | rVB2 | 1136327 | 3346542 | 96.69%  | 8.864% |

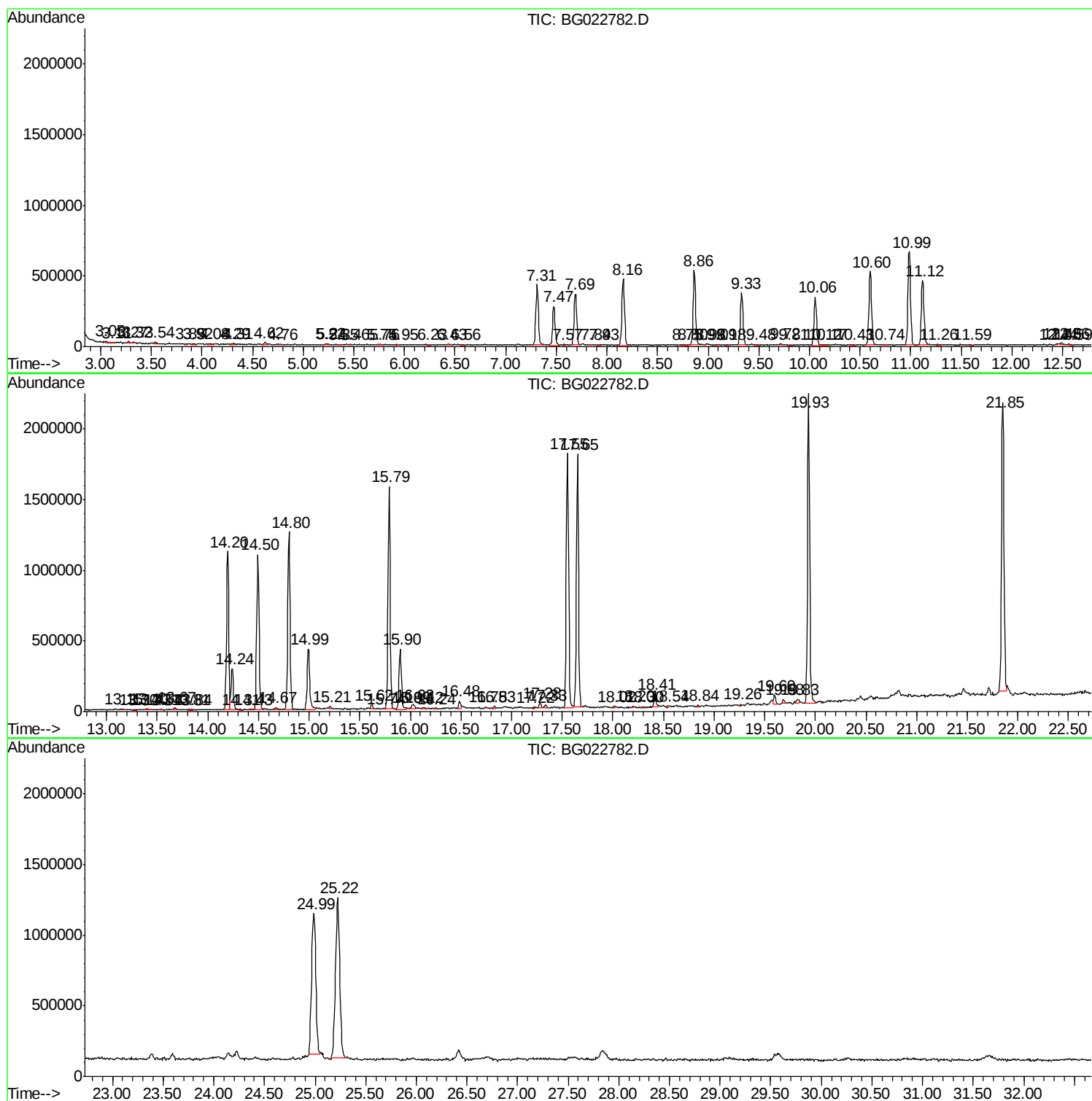
Sum of corrected areas: 37753214

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Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG063016.M  
Quant Title : SVOA CALIBRATION

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



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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        |