

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM110115\  
 Data File : BM003028.D  
 Acq On : 01 Nov 2015 14:48  
 Operator : UM/IZ  
 Sample : G4210-08  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BC7E8

## 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\_M\METHODS\SOM02.2-EPA-BM103015.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         | 3.228       | 21            | 24          | 31           | rVB      | 30236          | 38880         | 1.30%           | 0.119%        |
| 2         | 3.504       | 69            | 71          | 78           | rBV2     | 3720           | 5937          | 0.20%           | 0.018%        |
| 3         | 3.975       | 148           | 151         | 155          | rVB4     | 2209           | 3228          | 0.11%           | 0.010%        |
| 4         | 4.887       | 301           | 306         | 312          | rBV      | 18691          | 27121         | 0.91%           | 0.083%        |
| 5         | 5.857       | 468           | 471         | 475          | rVB      | 2911           | 3879          | 0.13%           | 0.012%        |
| 6         | 5.987       | 488           | 493         | 497          | rBV3     | 2524           | 4653          | 0.16%           | 0.014%        |
| 7         | 6.422       | 562           | 567         | 570          | rBV      | 3187           | 4776          | 0.16%           | 0.015%        |
| 8         | 6.928       | 646           | 653         | 662          | rBV      | 510437         | 810927        | 27.15%          | 2.481%        |
| 9         | 7.098       | 676           | 682         | 694          | rBV      | 452707         | 693808        | 23.23%          | 2.123%        |
| 10        | 7.192       | 694           | 698         | 702          | rVB3     | 1804           | 2993          | 0.10%           | 0.009%        |
| 11        | 7.298       | 709           | 716         | 725          | rVB      | 547492         | 859576        | 28.78%          | 2.630%        |
| 12        | 7.769       | 789           | 796         | 803          | rVV      | 472768         | 746549        | 24.99%          | 2.284%        |
| 13        | 7.828       | 803           | 806         | 810          | rVB      | 2951           | 3494          | 0.12%           | 0.011%        |
| 14        | 8.463       | 907           | 914         | 927          | rVB      | 690680         | 1055941       | 35.35%          | 3.231%        |
| 15        | 8.922       | 985           | 992         | 1002         | rVB      | 478323         | 740708        | 24.80%          | 2.266%        |
| 16        | 9.022       | 1006          | 1009        | 1015         | rBV2     | 3289           | 4302          | 0.14%           | 0.013%        |
| 17        | 9.345       | 1059          | 1064        | 1070         | rVB      | 7559           | 11598         | 0.39%           | 0.035%        |
| 18        | 9.639       | 1108          | 1114        | 1122         | rVB      | 350032         | 571541        | 19.13%          | 1.749%        |
| 19        | 10.175      | 1197          | 1205        | 1213         | rBV      | 656930         | 1061384       | 35.53%          | 3.248%        |
| 20        | 10.557      | 1263          | 1270        | 1280         | rVB      | 676160         | 1119075       | 37.46%          | 3.424%        |
| 21        | 10.692      | 1285          | 1293        | 1301         | rBV      | 573707         | 944247        | 31.61%          | 2.889%        |
| 22        | 11.045      | 1348          | 1353        | 1360         | rBV      | 6367           | 11133         | 0.37%           | 0.034%        |
| 23        | 11.469      | 1423          | 1425        | 1435         | rVB2     | 2915           | 6581          | 0.22%           | 0.020%        |
| 24        | 12.151      | 1536          | 1541        | 1547         | rBV      | 9868           | 16523         | 0.55%           | 0.051%        |
| 25        | 12.763      | 1641          | 1645        | 1649         | rVB4     | 4294           | 5070          | 0.17%           | 0.016%        |
| 26        | 13.016      | 1684          | 1688        | 1694         | rVB2     | 6459           | 9005          | 0.30%           | 0.028%        |
| 27        | 13.310      | 1734          | 1738        | 1741         | rVB3     | 2957           | 3528          | 0.12%           | 0.011%        |
| 28        | 13.821      | 1818          | 1825        | 1829         | rBV      | 1166357        | 1661621       | 55.63%          | 5.084%        |
| 29        | 13.863      | 1829          | 1832        | 1841         | rVB      | 459863         | 634423        | 21.24%          | 1.941%        |
| 30        | 14.104      | 1866          | 1873        | 1883         | rBV      | 1342547        | 2014004       | 67.42%          | 6.163%        |
| 31        | 14.316      | 1904          | 1909        | 1914         | rVB2     | 10209          | 13068         | 0.44%           | 0.040%        |
| 32        | 14.410      | 1919          | 1925        | 1936         | rVB2     | 942837         | 1425172       | 47.71%          | 4.361%        |
| 33        | 14.592      | 1950          | 1956        | 1963         | rBV      | 441563         | 607979        | 20.35%          | 1.860%        |
| 34        | 14.821      | 1991          | 1995        | 2001         | rBV4     | 8589           | 13442         | 0.45%           | 0.041%        |

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Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-BM103015.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 35 | 14.933 | 2010 | 2014 | 2018 | rVB  | 4340    | 5609    | 0.19%  | 0.017% |
| 36 | 15.215 | 2057 | 2062 | 2067 | rBV3 | 7192    | 12233   | 0.41%  | 0.037% |
| 37 | 15.268 | 2067 | 2071 | 2076 | rVB  | 35829   | 44274   | 1.48%  | 0.135% |
| 38 | 15.404 | 2086 | 2094 | 2101 | rVB  | 1797510 | 2553811 | 85.49% | 7.814% |
| 39 | 15.468 | 2101 | 2105 | 2108 | rBV4 | 1972    | 3719    | 0.12%  | 0.011% |
| 40 | 15.515 | 2108 | 2113 | 2120 | rVB  | 378860  | 504210  | 16.88% | 1.543% |
| 41 | 15.645 | 2130 | 2135 | 2138 | rBV2 | 19051   | 29837   | 1.00%  | 0.091% |
| 42 | 15.674 | 2138 | 2140 | 2144 | rVB  | 10668   | 11903   | 0.40%  | 0.036% |
| 43 | 15.757 | 2152 | 2154 | 2160 | rVB2 | 2870    | 4568    | 0.15%  | 0.014% |
| 44 | 15.821 | 2160 | 2165 | 2170 | rBV2 | 4195    | 6824    | 0.23%  | 0.021% |
| 45 | 15.886 | 2171 | 2176 | 2180 | rVB4 | 3964    | 6544    | 0.22%  | 0.020% |
| 46 | 16.127 | 2212 | 2217 | 2225 | rBV2 | 42074   | 76681   | 2.57%  | 0.235% |
| 47 | 16.304 | 2242 | 2247 | 2250 | rVB2 | 8152    | 11174   | 0.37%  | 0.034% |
| 48 | 16.386 | 2259 | 2261 | 2269 | rVB3 | 2570    | 3419    | 0.11%  | 0.010% |
| 49 | 16.468 | 2271 | 2275 | 2279 | rBV4 | 5258    | 10363   | 0.35%  | 0.032% |
| 50 | 16.533 | 2283 | 2286 | 2288 | rVV3 | 3370    | 5030    | 0.17%  | 0.015% |
| 51 | 16.586 | 2292 | 2295 | 2300 | rVB3 | 4259    | 5241    | 0.18%  | 0.016% |
| 52 | 16.633 | 2300 | 2303 | 2309 | rBV2 | 4737    | 7784    | 0.26%  | 0.024% |
| 53 | 16.704 | 2311 | 2315 | 2317 | rBV2 | 4111    | 4902    | 0.16%  | 0.015% |
| 54 | 16.727 | 2317 | 2319 | 2323 | rVB3 | 2148    | 3136    | 0.10%  | 0.010% |
| 55 | 16.880 | 2338 | 2345 | 2347 | rBV3 | 1897    | 4312    | 0.14%  | 0.013% |
| 56 | 16.921 | 2347 | 2352 | 2357 | rBV2 | 43100   | 60049   | 2.01%  | 0.184% |
| 57 | 16.974 | 2357 | 2361 | 2366 | rVV  | 10142   | 15048   | 0.50%  | 0.046% |
| 58 | 17.068 | 2370 | 2377 | 2379 | rBV4 | 3191    | 5275    | 0.18%  | 0.016% |
| 59 | 17.151 | 2385 | 2391 | 2398 | rBV2 | 1095369 | 1592089 | 53.30% | 4.872% |
| 60 | 17.251 | 2400 | 2408 | 2419 | rBV2 | 1868507 | 2648638 | 88.67% | 8.105% |
| 61 | 17.392 | 2429 | 2432 | 2437 | rVB4 | 3371    | 4936    | 0.17%  | 0.015% |
| 62 | 17.451 | 2437 | 2442 | 2446 | rBV3 | 3303    | 5970    | 0.20%  | 0.018% |
| 63 | 17.533 | 2451 | 2456 | 2461 | rBV3 | 14688   | 23275   | 0.78%  | 0.071% |
| 64 | 17.580 | 2461 | 2464 | 2469 | rVB2 | 2867    | 4342    | 0.15%  | 0.013% |
| 65 | 17.657 | 2472 | 2477 | 2482 | rBV  | 25112   | 30974   | 1.04%  | 0.095% |
| 66 | 17.833 | 2499 | 2507 | 2509 | rBV4 | 2511    | 5380    | 0.18%  | 0.016% |
| 67 | 17.927 | 2518 | 2523 | 2528 | rBV5 | 4819    | 11827   | 0.40%  | 0.036% |
| 68 | 18.045 | 2539 | 2543 | 2551 | rBV  | 85027   | 116966  | 3.92%  | 0.358% |
| 69 | 18.351 | 2591 | 2595 | 2599 | rBV3 | 6841    | 10060   | 0.34%  | 0.031% |
| 70 | 18.486 | 2613 | 2618 | 2626 | rBV  | 27183   | 34628   | 1.16%  | 0.106% |
| 71 | 18.909 | 2687 | 2690 | 2694 | rBV4 | 4310    | 5736    | 0.19%  | 0.018% |

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|----|--------|------|------|------|------|---------|---------|---------|--------|
| 72 | 19.186 | 2732 | 2737 | 2740 | rBV2 | 18217   | 27051   | 0.91%   | 0.083% |
| 73 | 19.215 | 2740 | 2742 | 2748 | rVB6 | 7141    | 8710    | 0.29%   | 0.027% |
| 74 | 19.333 | 2758 | 2762 | 2770 | rBV2 | 47196   | 61288   | 2.05%   | 0.188% |
| 75 | 19.439 | 2776 | 2780 | 2783 | rBV  | 13846   | 16485   | 0.55%   | 0.050% |
| 76 | 19.551 | 2793 | 2799 | 2806 | rBV  | 2236360 | 2987172 | 100.00% | 9.140% |
| 77 | 19.892 | 2855 | 2857 | 2861 | rBV5 | 4733    | 4937    | 0.17%   | 0.015% |
| 78 | 19.933 | 2861 | 2864 | 2866 | rVV2 | 8244    | 8895    | 0.30%   | 0.027% |
| 79 | 21.056 | 3051 | 3055 | 3060 | rBV  | 54708   | 70500   | 2.36%   | 0.216% |
| 80 | 21.345 | 3099 | 3104 | 3111 | rBV  | 1408050 | 1761601 | 58.97%  | 5.390% |
| 81 | 22.539 | 3305 | 3307 | 3313 | rVB  | 52197   | 68360   | 2.29%   | 0.209% |
| 82 | 23.468 | 3458 | 3465 | 3482 | rVB  | 1573412 | 2933102 | 98.19%  | 8.975% |
| 83 | 23.615 | 3483 | 3490 | 3498 | rVB  | 901800  | 1705845 | 57.11%  | 5.220% |

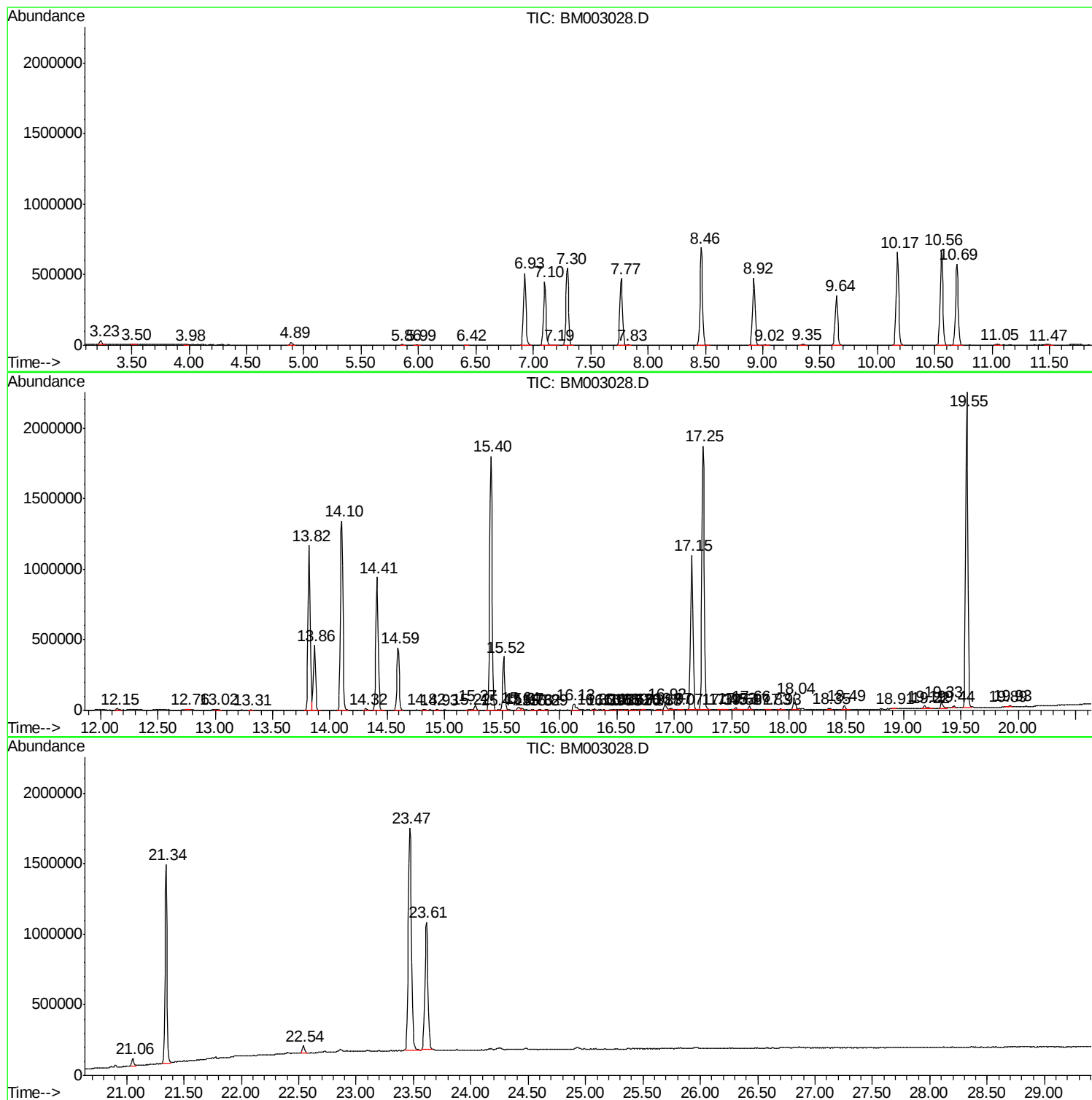
Sum of corrected areas: 32680879

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Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-BM103015.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P



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Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-BM103015.M  
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TIC Library : C:\DATABASE\NIST02.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        |