

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080416\  
 Data File : BG023459.D  
 Acq On : 4 Aug 2016 19:47  
 Operator : UM/SJ  
 Sample : H4208-04  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 BDJJ3

## 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<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         | 4.401       | 264           | 266         | 271          | rVB4     | 9738           | 10505         | 0.35%           | 0.032%        |
| 2         | 4.719       | 317           | 320         | 322          | rBV2     | 5769           | 5294          | 0.18%           | 0.016%        |
| 3         | 5.371       | 429           | 431         | 434          | rBV3     | 6065           | 4860          | 0.16%           | 0.015%        |
| 4         | 5.518       | 453           | 456         | 457          | rBV2     | 5661           | 6276          | 0.21%           | 0.019%        |
| 5         | 5.647       | 476           | 478         | 480          | rBV2     | 6055           | 6321          | 0.21%           | 0.019%        |
| 6         | 6.534       | 627           | 629         | 633          | rBV3     | 5408           | 5977          | 0.20%           | 0.018%        |
| 7         | 6.675       | 651           | 653         | 656          | rBV3     | 3995           | 5885          | 0.20%           | 0.018%        |
| 8         | 6.816       | 675           | 677         | 680          | rVB3     | 8719           | 7835          | 0.26%           | 0.024%        |
| 9         | 6.845       | 680           | 682         | 686          | rBV4     | 5566           | 7944          | 0.26%           | 0.024%        |
| 10        | 7.274       | 748           | 755         | 765          | rBV      | 281966         | 517971        | 17.20%          | 1.559%        |
| 11        | 7.433       | 776           | 782         | 790          | rVB      | 233560         | 393026        | 13.05%          | 1.183%        |
| 12        | 7.521       | 796           | 797         | 800          | rBV3     | 6844           | 5867          | 0.19%           | 0.018%        |
| 13        | 7.574       | 803           | 806         | 807          | rBV3     | 4771           | 5668          | 0.19%           | 0.017%        |
| 14        | 7.644       | 811           | 818         | 825          | rBV2     | 285094         | 497089        | 16.50%          | 1.496%        |
| 15        | 7.803       | 843           | 845         | 848          | rBV2     | 7669           | 8865          | 0.29%           | 0.027%        |
| 16        | 8.114       | 892           | 898         | 907          | rVB      | 357588         | 632946        | 21.01%          | 1.905%        |
| 17        | 8.831       | 1013          | 1020        | 1030         | rVV      | 354065         | 626070        | 20.79%          | 1.884%        |
| 18        | 8.954       | 1038          | 1041        | 1046         | rBV6     | 7492           | 10356         | 0.34%           | 0.031%        |
| 19        | 9.066       | 1058          | 1060        | 1064         | rVB4     | 7474           | 7628          | 0.25%           | 0.023%        |
| 20        | 9.101       | 1064          | 1066        | 1068         | rBV      | 8441           | 5549          | 0.18%           | 0.017%        |
| 21        | 9.236       | 1084          | 1089        | 1090         | rBV3     | 5818           | 7492          | 0.25%           | 0.023%        |
| 22        | 9.295       | 1090          | 1099        | 1110         | rVV      | 279003         | 531923        | 17.66%          | 1.601%        |
| 23        | 9.665       | 1160          | 1162        | 1163         | rBV2     | 5860           | 5104          | 0.17%           | 0.015%        |
| 24        | 9.782       | 1178          | 1182        | 1185         | rVV5     | 5614           | 5919          | 0.20%           | 0.018%        |
| 25        | 9.888       | 1196          | 1200        | 1201         | rBV4     | 4405           | 6103          | 0.20%           | 0.018%        |
| 26        | 10.023      | 1216          | 1223        | 1233         | rBV      | 243462         | 448403        | 14.89%          | 1.350%        |
| 27        | 10.417      | 1286          | 1290        | 1292         | rVV4     | 6662           | 6077          | 0.20%           | 0.018%        |
| 28        | 10.570      | 1310          | 1316        | 1327         | rBV      | 350937         | 666784        | 22.14%          | 2.007%        |
| 29        | 10.951      | 1372          | 1381        | 1389         | rBV      | 595527         | 1071974       | 35.59%          | 3.226%        |
| 30        | 11.028      | 1391          | 1394        | 1395         | rVB3     | 9327           | 8584          | 0.28%           | 0.026%        |
| 31        | 11.086      | 1395          | 1404        | 1414         | rBV2     | 326292         | 639742        | 21.24%          | 1.925%        |
| 32        | 11.615      | 1492          | 1494        | 1498         | rVB3     | 4867           | 5806          | 0.19%           | 0.017%        |
| 33        | 11.656      | 1498          | 1501        | 1506         | rBV4     | 4239           | 5353          | 0.18%           | 0.016%        |
| 34        | 11.692      | 1506          | 1507        | 1509         | rVB      | 6939           | 4883          | 0.16%           | 0.015%        |

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

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 35 | 11.721 | 1509 | 1512 | 1514 | rBV4 | 6034    | 6834    | 0.23%  | 0.021% |
| 36 | 11.750 | 1514 | 1517 | 1518 | rBV3 | 6308    | 5542    | 0.18%  | 0.017% |
| 37 | 11.926 | 1545 | 1547 | 1550 | rVB4 | 6351    | 5852    | 0.19%  | 0.018% |
| 38 | 11.979 | 1554 | 1556 | 1558 | rVB3 | 7381    | 5167    | 0.17%  | 0.016% |
| 39 | 12.267 | 1601 | 1605 | 1609 | rBV4 | 7327    | 13914   | 0.46%  | 0.042% |
| 40 | 12.426 | 1629 | 1632 | 1634 | rBV3 | 6532    | 7142    | 0.24%  | 0.021% |
| 41 | 12.537 | 1648 | 1651 | 1653 | rBV3 | 7717    | 7459    | 0.25%  | 0.022% |
| 42 | 12.631 | 1664 | 1667 | 1671 | rBV5 | 4113    | 6488    | 0.22%  | 0.020% |
| 43 | 12.767 | 1688 | 1690 | 1693 | rVB4 | 5030    | 5771    | 0.19%  | 0.017% |
| 44 | 13.125 | 1745 | 1751 | 1757 | rBV6 | 9181    | 15424   | 0.51%  | 0.046% |
| 45 | 13.301 | 1777 | 1781 | 1783 | rBV5 | 4688    | 7484    | 0.25%  | 0.023% |
| 46 | 13.372 | 1789 | 1793 | 1797 | rVB4 | 12471   | 19008   | 0.63%  | 0.057% |
| 47 | 13.530 | 1815 | 1820 | 1822 | rBV4 | 6777    | 8558    | 0.28%  | 0.026% |
| 48 | 13.648 | 1836 | 1840 | 1847 | rVB4 | 25224   | 41025   | 1.36%  | 0.123% |
| 49 | 13.742 | 1853 | 1856 | 1859 | rVB4 | 6137    | 7451    | 0.25%  | 0.022% |
| 50 | 13.859 | 1873 | 1876 | 1879 | rBV3 | 5444    | 6978    | 0.23%  | 0.021% |
| 51 | 14.071 | 1911 | 1912 | 1917 | rVB4 | 5208    | 5199    | 0.17%  | 0.016% |
| 52 | 14.129 | 1917 | 1922 | 1924 | rBV5 | 5101    | 6735    | 0.22%  | 0.020% |
| 53 | 14.176 | 1924 | 1930 | 1934 | rVV  | 912557  | 1376527 | 45.70% | 4.143% |
| 54 | 14.223 | 1934 | 1938 | 1945 | rVB  | 725302  | 1013008 | 33.63% | 3.049% |
| 55 | 14.376 | 1958 | 1964 | 1965 | rBV5 | 5199    | 5946    | 0.20%  | 0.018% |
| 56 | 14.476 | 1973 | 1981 | 1988 | rBV  | 930104  | 1453502 | 48.26% | 4.375% |
| 57 | 14.676 | 2013 | 2015 | 2018 | rVB4 | 6234    | 5523    | 0.18%  | 0.017% |
| 58 | 14.705 | 2018 | 2020 | 2022 | rBV3 | 5061    | 5068    | 0.17%  | 0.015% |
| 59 | 14.781 | 2026 | 2033 | 2040 | rBV2 | 1160486 | 1892853 | 62.84% | 5.697% |
| 60 | 14.917 | 2053 | 2056 | 2059 | rBV3 | 5418    | 9028    | 0.30%  | 0.027% |
| 61 | 14.999 | 2064 | 2070 | 2083 | rBV  | 200710  | 477584  | 15.86% | 1.437% |
| 62 | 15.251 | 2112 | 2113 | 2117 | rVB4 | 6028    | 6000    | 0.20%  | 0.018% |
| 63 | 15.334 | 2125 | 2127 | 2130 | rBV3 | 3931    | 4951    | 0.16%  | 0.015% |
| 64 | 15.563 | 2161 | 2166 | 2168 | rBV4 | 9824    | 13213   | 0.44%  | 0.040% |
| 65 | 15.586 | 2168 | 2170 | 2173 | rBV4 | 6370    | 8833    | 0.29%  | 0.027% |
| 66 | 15.721 | 2190 | 2193 | 2196 | rBV4 | 9088    | 11096   | 0.37%  | 0.033% |
| 67 | 15.774 | 2196 | 2202 | 2211 | rVV  | 1366625 | 2125646 | 70.57% | 6.398% |
| 68 | 15.898 | 2216 | 2223 | 2231 | rBV  | 328611  | 549782  | 18.25% | 1.655% |
| 69 | 16.015 | 2240 | 2243 | 2248 | rVB5 | 21253   | 27873   | 0.93%  | 0.084% |
| 70 | 16.156 | 2265 | 2267 | 2272 | rBV4 | 4355    | 5212    | 0.17%  | 0.016% |
| 71 | 16.338 | 2293 | 2298 | 2299 | rBV5 | 6464    | 9067    | 0.30%  | 0.027% |

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 Title : SVOA CALIBRATION

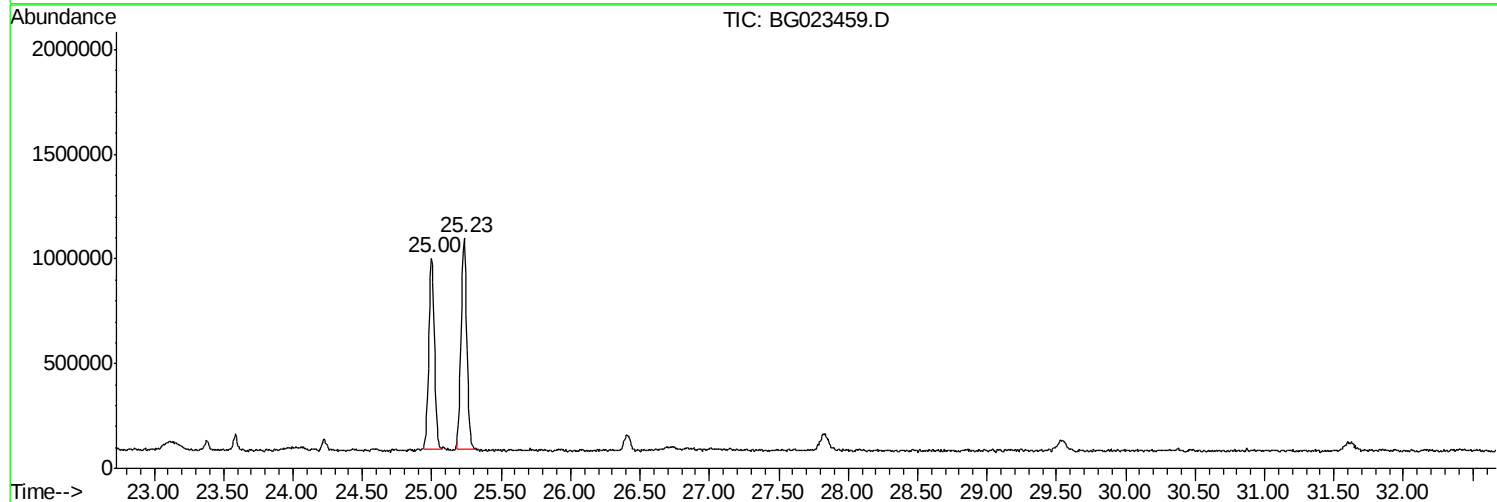
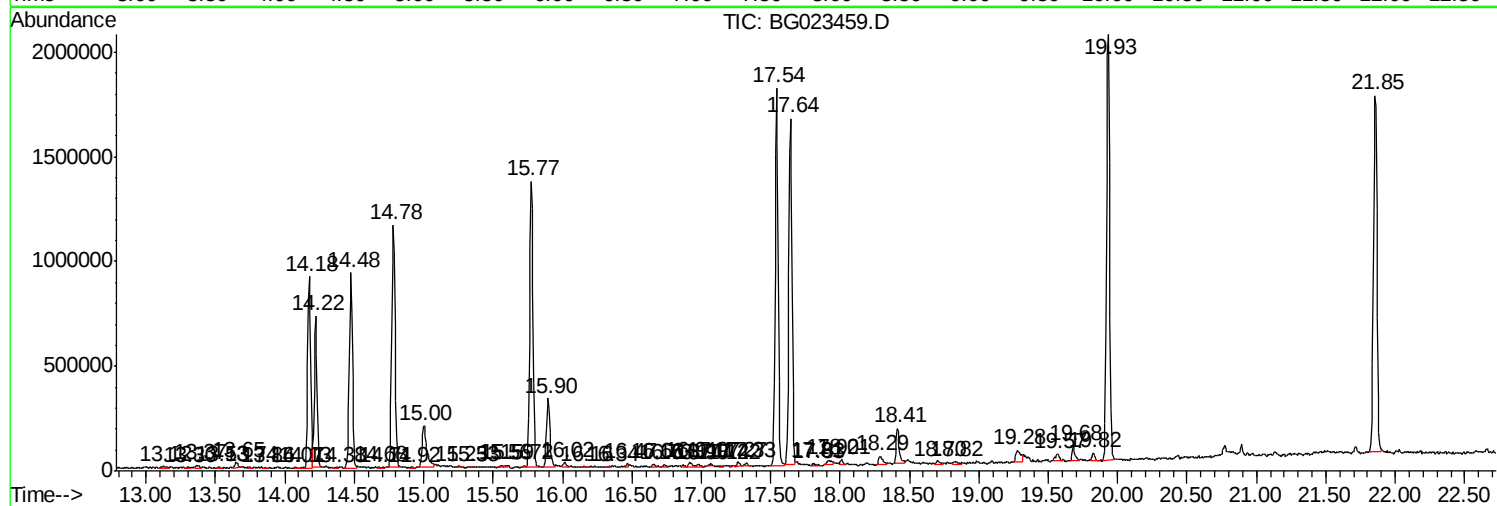
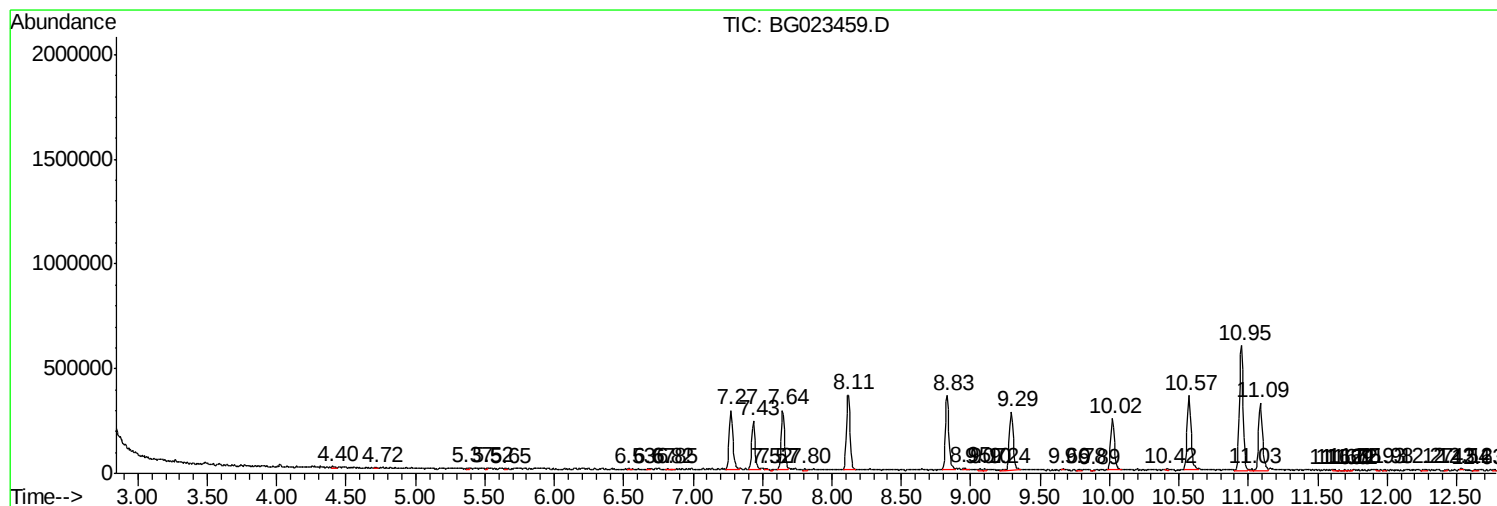
|     |        |      |      |      |       |         |         |         |        |
|-----|--------|------|------|------|-------|---------|---------|---------|--------|
| 72  | 16.467 | 2317 | 2320 | 2322 | rBV3  | 17902   | 21679   | 0.72%   | 0.065% |
| 73  | 16.661 | 2349 | 2353 | 2356 | rBV6  | 12452   | 17186   | 0.57%   | 0.052% |
| 74  | 16.732 | 2361 | 2365 | 2369 | rBV7  | 11004   | 18325   | 0.61%   | 0.055% |
| 75  | 16.867 | 2386 | 2388 | 2392 | rVB5  | 9156    | 10226   | 0.34%   | 0.031% |
| 76  | 16.914 | 2392 | 2396 | 2405 | rBV10 | 20986   | 43106   | 1.43%   | 0.130% |
| 77  | 16.984 | 2405 | 2408 | 2414 | rVB7  | 8434    | 12927   | 0.43%   | 0.039% |
| 78  | 17.067 | 2418 | 2422 | 2426 | rBV7  | 15604   | 19434   | 0.65%   | 0.058% |
| 79  | 17.137 | 2432 | 2434 | 2437 | rBV4  | 6631    | 5783    | 0.19%   | 0.017% |
| 80  | 17.219 | 2446 | 2448 | 2449 | rBV2  | 7115    | 5549    | 0.18%   | 0.017% |
| 81  | 17.266 | 2452 | 2456 | 2459 | rVV2  | 20382   | 28253   | 0.94%   | 0.085% |
| 82  | 17.331 | 2461 | 2467 | 2470 | rVV6  | 13415   | 24084   | 0.80%   | 0.072% |
| 83  | 17.542 | 2496 | 2503 | 2513 | rBV2  | 1804969 | 2788290 | 92.57%  | 8.392% |
| 84  | 17.642 | 2513 | 2520 | 2526 | rBV2  | 1650828 | 2550766 | 84.69%  | 7.677% |
| 85  | 17.813 | 2546 | 2549 | 2550 | rVB2  | 11596   | 9380    | 0.31%   | 0.028% |
| 86  | 17.830 | 2550 | 2552 | 2553 | rBV2  | 7737    | 5052    | 0.17%   | 0.015% |
| 87  | 17.924 | 2562 | 2568 | 2572 | rBV9  | 21245   | 48467   | 1.61%   | 0.146% |
| 88  | 18.012 | 2580 | 2583 | 2586 | rVB5  | 20265   | 25651   | 0.85%   | 0.077% |
| 89  | 18.288 | 2626 | 2630 | 2638 | rBV8  | 40794   | 81227   | 2.70%   | 0.244% |
| 90  | 18.412 | 2647 | 2651 | 2660 | rBV   | 166900  | 247605  | 8.22%   | 0.745% |
| 91  | 18.700 | 2697 | 2700 | 2708 | rBV8  | 15910   | 28233   | 0.94%   | 0.085% |
| 92  | 18.823 | 2719 | 2721 | 2729 | rVB9  | 11735   | 20441   | 0.68%   | 0.062% |
| 93  | 19.275 | 2794 | 2798 | 2805 | rBV8  | 58114   | 147750  | 4.91%   | 0.445% |
| 94  | 19.569 | 2842 | 2848 | 2853 | rBV2  | 34317   | 64694   | 2.15%   | 0.195% |
| 95  | 19.681 | 2863 | 2867 | 2874 | rBV5  | 74798   | 100674  | 3.34%   | 0.303% |
| 96  | 19.822 | 2888 | 2891 | 2899 | rVB5  | 39739   | 60112   | 2.00%   | 0.181% |
| 97  | 19.933 | 2903 | 2910 | 2919 | rVV   | 2030580 | 3011980 | 100.00% | 9.065% |
| 98  | 21.854 | 3231 | 3237 | 3244 | rBV   | 1699549 | 2969612 | 98.59%  | 8.938% |
| 99  | 24.997 | 3763 | 3772 | 3785 | rVB3  | 913836  | 2562580 | 85.08%  | 7.713% |
| 100 | 25.232 | 3803 | 3812 | 3825 | rVB2  | 1007286 | 2928224 | 97.22%  | 8.813% |

Sum of corrected areas: 33226112

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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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No Library Search Compounds Detected

\*\*\*\*\*

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