

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112917\  
 Data File : BF101006.D  
 Acq On : 30 Nov 2017 5:15  
 Operator : SJ/JU  
 Sample : I6548-10DL 2X  
 Misc :  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SAU-4-E(7-8)DL

Integration Parameters: rteint.p  
 Integrator: RTE  
 Smoothing : ON  
 Sampling : 1  
 Start Thrs: 0.2  
 Stop Thrs : 0

Filtering: 5  
 Min Area: 3 % 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\_F\METHODS\8270-BF110817.M  
 Title : ASP BNA STANDARDS FOR 5 POINT 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         | 5.069       | 504           | 507         | 514          | rBV      | 44148          | 47988         | 5.11%           | 0.295%        |
| 2         | 5.469       | 571           | 575         | 587          | rBB      | 796665         | 678950        | 72.27%          | 4.179%        |
| 3         | 6.481       | 743           | 747         | 757          | rBV      | 781619         | 691292        | 73.58%          | 4.255%        |
| 4         | 6.622       | 767           | 771         | 774          | rBV      | 876371         | 705634        | 75.11%          | 4.343%        |
| 5         | 6.851       | 807           | 810         | 814          | rBV      | 411178         | 326078        | 34.71%          | 2.007%        |
| 6         | 7.010       | 833           | 837         | 840          | rBV      | 647508         | 547343        | 58.26%          | 3.369%        |
| 7         | 7.416       | 902           | 906         | 909          | rBV      | 462960         | 393757        | 41.91%          | 2.424%        |
| 8         | 8.133       | 1025          | 1028        | 1031         | rBV      | 490443         | 398798        | 42.45%          | 2.455%        |
| 9         | 9.210       | 1207          | 1211        | 1214         | rBV      | 886783         | 744652        | 79.26%          | 4.583%        |
| 10        | 9.598       | 1275          | 1277        | 1283         | rVB      | 47880          | 38860         | 4.14%           | 0.239%        |
| 11        | 9.751       | 1300          | 1303        | 1307         | rBV      | 75251          | 58040         | 6.18%           | 0.357%        |
| 12        | 9.892       | 1323          | 1327        | 1330         | rBV      | 434448         | 372164        | 39.61%          | 2.291%        |
| 13        | 9.922       | 1330          | 1332        | 1335         | rVB      | 64464          | 46736         | 4.97%           | 0.288%        |
| 14        | 10.092      | 1358          | 1361        | 1365         | rVB2     | 30113          | 24764         | 2.64%           | 0.152%        |
| 15        | 10.310      | 1391          | 1398        | 1401         | rVB3     | 25294          | 27866         | 2.97%           | 0.172%        |
| 16        | 10.433      | 1416          | 1419        | 1424         | rVB      | 53053          | 52002         | 5.54%           | 0.320%        |
| 17        | 10.680      | 1457          | 1461        | 1465         | rVB      | 413486         | 364822        | 38.83%          | 2.245%        |
| 18        | 10.986      | 1507          | 1513        | 1515         | rBV3     | 22602          | 25667         | 2.73%           | 0.158%        |
| 19        | 11.180      | 1543          | 1546        | 1550         | rVV      | 35575          | 33338         | 3.55%           | 0.205%        |
| 20        | 11.227      | 1550          | 1554        | 1557         | rVV2     | 19356          | 25091         | 2.67%           | 0.154%        |
| 21        | 11.274      | 1560          | 1562        | 1568         | rVB      | 28765          | 24124         | 2.57%           | 0.148%        |
| 22        | 11.380      | 1576          | 1580        | 1582         | rBV      | 380741         | 361068        | 38.43%          | 2.222%        |
| 23        | 11.404      | 1582          | 1584        | 1587         | rVV      | 750099         | 553734        | 58.94%          | 3.408%        |
| 24        | 11.451      | 1587          | 1592        | 1595         | rVV      | 127489         | 119231        | 12.69%          | 0.734%        |
| 25        | 11.610      | 1613          | 1619        | 1624         | rBV2     | 52296          | 64181         | 6.83%           | 0.395%        |
| 26        | 11.880      | 1660          | 1665        | 1667         | rBV      | 107153         | 93559         | 9.96%           | 0.576%        |
| 27        | 11.910      | 1667          | 1670        | 1673         | rVB      | 133719         | 121089        | 12.89%          | 0.745%        |
| 28        | 11.957      | 1673          | 1678        | 1680         | rBV      | 41149          | 37379         | 3.98%           | 0.230%        |
| 29        | 11.992      | 1680          | 1684        | 1686         | rBV      | 146576         | 147494        | 15.70%          | 0.908%        |
| 30        | 12.016      | 1686          | 1688        | 1692         | rVB      | 72144          | 58120         | 6.19%           | 0.358%        |
| 31        | 12.174      | 1712          | 1715        | 1717         | rBV      | 78636          | 57315         | 6.10%           | 0.353%        |
| 32        | 12.204      | 1717          | 1720        | 1723         | rVB      | 115036         | 89703         | 9.55%           | 0.552%        |
| 33        | 12.427      | 1752          | 1758        | 1761         | rBV      | 50194          | 59563         | 6.34%           | 0.367%        |
| 34        | 12.468      | 1761          | 1765        | 1767         | rVV3     | 30139          | 43342         | 4.61%           | 0.267%        |

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Filtering: 5  
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 Max Peaks: 100  
 Peak Location: TOP

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

Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF110817.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|    |        |      |      |      |      |         |        |         |        |
|----|--------|------|------|------|------|---------|--------|---------|--------|
| 35 | 12.515 | 1770 | 1773 | 1779 | rVB  | 66246   | 75176  | 8.00%   | 0.463% |
| 36 | 12.598 | 1782 | 1787 | 1790 | rBV  | 1073002 | 935503 | 99.57%  | 5.758% |
| 37 | 12.686 | 1799 | 1802 | 1805 | rVB  | 54775   | 41633  | 4.43%   | 0.256% |
| 38 | 12.727 | 1805 | 1809 | 1811 | rBV3 | 33155   | 42709  | 4.55%   | 0.263% |
| 39 | 12.827 | 1819 | 1826 | 1829 | rBV2 | 895133  | 935201 | 99.54%  | 5.756% |
| 40 | 12.868 | 1831 | 1833 | 1838 | rVB2 | 49283   | 51658  | 5.50%   | 0.318% |
| 41 | 12.963 | 1838 | 1849 | 1851 | rBV  | 628952  | 618732 | 65.86%  | 3.808% |
| 42 | 12.980 | 1851 | 1852 | 1856 | rVB  | 65123   | 43151  | 4.59%   | 0.266% |
| 43 | 13.039 | 1856 | 1862 | 1866 | rBV2 | 65750   | 111943 | 11.92%  | 0.689% |
| 44 | 13.127 | 1873 | 1877 | 1878 | rBV3 | 56979   | 65747  | 7.00%   | 0.405% |
| 45 | 13.151 | 1878 | 1881 | 1884 | rVB  | 139816  | 127655 | 13.59%  | 0.786% |
| 46 | 13.215 | 1889 | 1892 | 1895 | rVV  | 96079   | 77038  | 8.20%   | 0.474% |
| 47 | 13.257 | 1895 | 1899 | 1901 | rVV2 | 99752   | 122475 | 13.04%  | 0.754% |
| 48 | 13.280 | 1901 | 1903 | 1906 | rVV2 | 23438   | 20756  | 2.21%   | 0.128% |
| 49 | 13.310 | 1906 | 1908 | 1911 | rVV3 | 22960   | 25123  | 2.67%   | 0.155% |
| 50 | 13.345 | 1911 | 1914 | 1917 | rVV  | 48437   | 47428  | 5.05%   | 0.292% |
| 51 | 13.380 | 1917 | 1920 | 1923 | rVV2 | 53063   | 58415  | 6.22%   | 0.360% |
| 52 | 13.527 | 1942 | 1945 | 1947 | rBV3 | 21407   | 27684  | 2.95%   | 0.170% |
| 53 | 13.557 | 1947 | 1950 | 1955 | rVV5 | 28904   | 54417  | 5.79%   | 0.335% |
| 54 | 13.633 | 1959 | 1963 | 1965 | rVV3 | 21951   | 30602  | 3.26%   | 0.188% |
| 55 | 13.662 | 1965 | 1968 | 1972 | rVV  | 110265  | 118709 | 12.64%  | 0.731% |
| 56 | 13.715 | 1975 | 1977 | 1981 | rVV3 | 16165   | 21518  | 2.29%   | 0.132% |
| 57 | 13.768 | 1981 | 1986 | 1989 | rVV2 | 96060   | 126786 | 13.50%  | 0.780% |
| 58 | 13.798 | 1989 | 1991 | 1993 | rVV  | 98798   | 86000  | 9.15%   | 0.529% |
| 59 | 13.821 | 1993 | 1995 | 1997 | rVV  | 70444   | 83351  | 8.87%   | 0.513% |
| 60 | 13.868 | 2001 | 2003 | 2006 | rVV  | 137621  | 120544 | 12.83%  | 0.742% |
| 61 | 13.939 | 2010 | 2015 | 2020 | rVV  | 19233   | 34969  | 3.72%   | 0.215% |
| 62 | 14.021 | 2024 | 2029 | 2032 | rVV2 | 613731  | 939501 | 100.00% | 5.783% |
| 63 | 14.051 | 2032 | 2034 | 2041 | rVV  | 474518  | 418480 | 44.54%  | 2.576% |
| 64 | 14.127 | 2045 | 2047 | 2049 | rVV  | 59707   | 51960  | 5.53%   | 0.320% |
| 65 | 14.168 | 2051 | 2054 | 2058 | rVV  | 63179   | 94412  | 10.05%  | 0.581% |
| 66 | 14.210 | 2059 | 2061 | 2064 | rVV  | 42140   | 48865  | 5.20%   | 0.301% |
| 67 | 14.251 | 2064 | 2068 | 2070 | rVV2 | 56310   | 77864  | 8.29%   | 0.479% |
| 68 | 14.280 | 2070 | 2073 | 2075 | rVV2 | 29990   | 31930  | 3.40%   | 0.197% |
| 69 | 14.368 | 2084 | 2088 | 2090 | rVV3 | 34564   | 49361  | 5.25%   | 0.304% |
| 70 | 14.409 | 2090 | 2095 | 2097 | rVV  | 101029  | 125909 | 13.40%  | 0.775% |
| 71 | 14.439 | 2097 | 2100 | 2104 | rVV2 | 63109   | 86180  | 9.17%   | 0.530% |

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If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
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Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF110817.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|     |        |      |      |      |      |        |        |        |        |
|-----|--------|------|------|------|------|--------|--------|--------|--------|
| 72  | 14.486 | 2104 | 2108 | 2109 | rVV3 | 36589  | 47776  | 5.09%  | 0.294% |
| 73  | 14.504 | 2109 | 2111 | 2113 | rVV  | 43934  | 39755  | 4.23%  | 0.245% |
| 74  | 14.533 | 2113 | 2116 | 2118 | rVV3 | 59699  | 63442  | 6.75%  | 0.390% |
| 75  | 14.551 | 2118 | 2119 | 2122 | rVV  | 49426  | 42548  | 4.53%  | 0.262% |
| 76  | 14.604 | 2123 | 2128 | 2133 | rVB3 | 38829  | 62541  | 6.66%  | 0.385% |
| 77  | 14.721 | 2142 | 2148 | 2150 | rBV4 | 29939  | 38733  | 4.12%  | 0.238% |
| 78  | 14.745 | 2150 | 2152 | 2157 | rVB6 | 21762  | 23752  | 2.53%  | 0.146% |
| 79  | 14.833 | 2164 | 2167 | 2172 | rVB4 | 19045  | 23640  | 2.52%  | 0.146% |
| 80  | 14.904 | 2172 | 2179 | 2186 | rBV2 | 37548  | 70477  | 7.50%  | 0.434% |
| 81  | 14.968 | 2186 | 2190 | 2195 | rBV7 | 15648  | 27886  | 2.97%  | 0.172% |
| 82  | 15.068 | 2201 | 2207 | 2210 | rBV  | 333315 | 537734 | 57.24% | 3.310% |
| 83  | 15.174 | 2221 | 2225 | 2228 | rVB  | 68066  | 69634  | 7.41%  | 0.429% |
| 84  | 15.268 | 2237 | 2241 | 2242 | rBV4 | 22256  | 32488  | 3.46%  | 0.200% |
| 85  | 15.368 | 2254 | 2258 | 2264 | rVB  | 176034 | 246412 | 26.23% | 1.517% |
| 86  | 15.433 | 2264 | 2269 | 2274 | rBV  | 269055 | 337869 | 35.96% | 2.080% |
| 87  | 15.498 | 2275 | 2280 | 2283 | rVV  | 247648 | 310111 | 33.01% | 1.909% |
| 88  | 15.527 | 2283 | 2285 | 2292 | rVB2 | 76619  | 98033  | 10.43% | 0.603% |
| 89  | 15.715 | 2315 | 2317 | 2323 | rVB4 | 20992  | 29809  | 3.17%  | 0.183% |
| 90  | 15.851 | 2337 | 2340 | 2347 | rVB5 | 25358  | 46428  | 4.94%  | 0.286% |
| 91  | 15.933 | 2347 | 2354 | 2358 | rBV4 | 21103  | 40479  | 4.31%  | 0.249% |
| 92  | 16.056 | 2372 | 2375 | 2380 | rVB3 | 17800  | 26404  | 2.81%  | 0.163% |
| 93  | 16.433 | 2435 | 2439 | 2444 | rVB7 | 12787  | 21858  | 2.33%  | 0.135% |
| 94  | 16.527 | 2450 | 2455 | 2461 | rBV7 | 11557  | 27275  | 2.90%  | 0.168% |
| 95  | 16.786 | 2492 | 2499 | 2500 | rBV4 | 15998  | 26578  | 2.83%  | 0.164% |
| 96  | 16.974 | 2525 | 2531 | 2538 | rVV2 | 108543 | 203393 | 21.65% | 1.252% |
| 97  | 17.150 | 2554 | 2561 | 2566 | rBV3 | 23175  | 49984  | 5.32%  | 0.308% |
| 98  | 17.209 | 2566 | 2571 | 2576 | rVV4 | 19646  | 36093  | 3.84%  | 0.222% |
| 99  | 17.427 | 2599 | 2608 | 2622 | rBV2 | 75456  | 166882 | 17.76% | 1.027% |
| 100 | 17.662 | 2643 | 2648 | 2654 | rBV2 | 17391  | 35849  | 3.82%  | 0.221% |

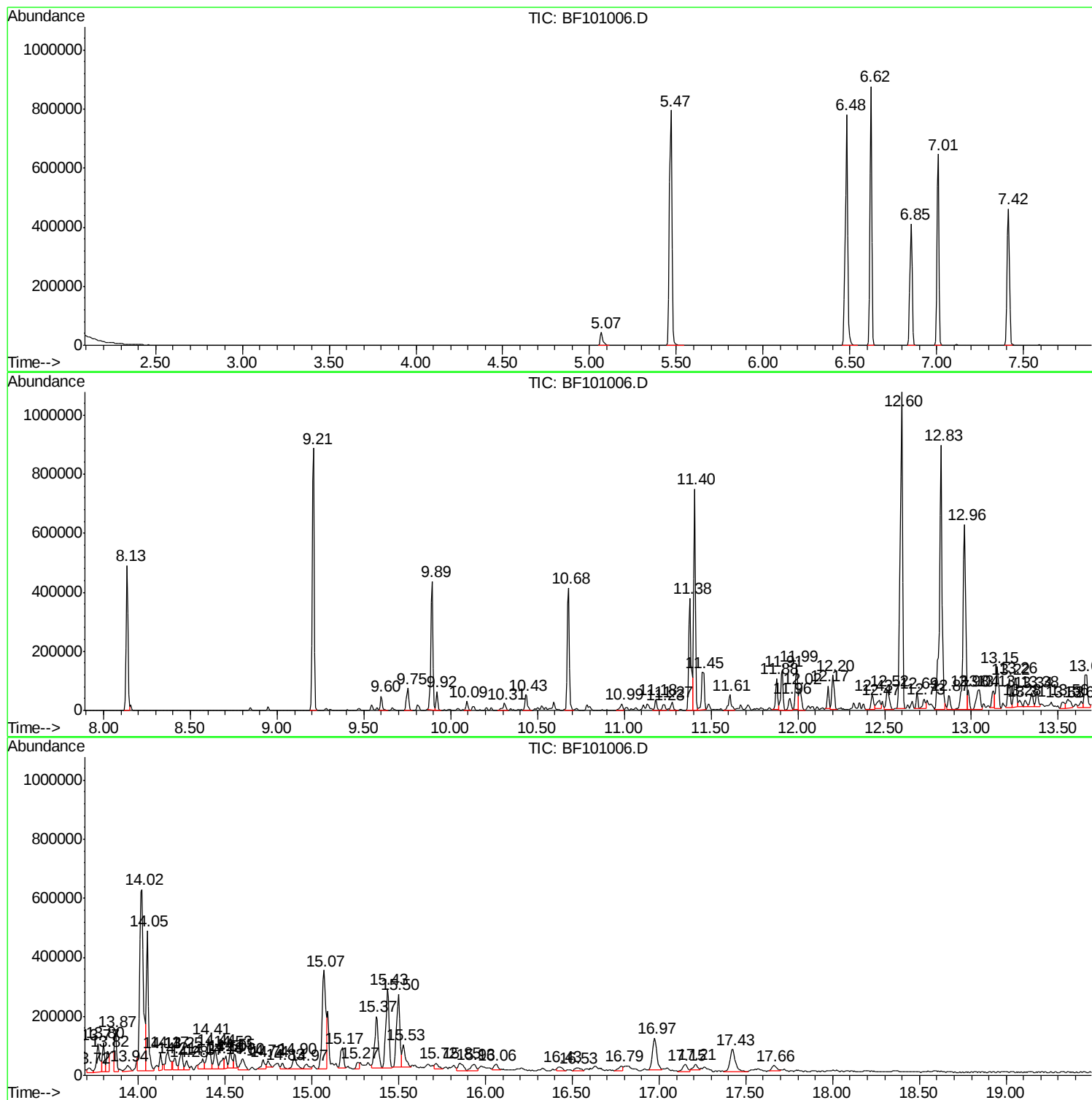
Sum of corrected areas: 16246992

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Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF110817.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data\_Path : Z:\HPCHEM1\BNA\_F\DATA\BF112917\  
Data\_File : BF101006.D  
Acq\_On : 30 Nov 2017 5:155  
Operator : SJ/JUU  
Sample : I6548-10DL\_2XX  
Misc :  
ALS\_Vial : 33 Sample\_Multiplier: 11

Instrument :  
BNA\_F  
ClientSampleId :  
SAU-4-E(7-8)DL

Quant\_Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF110817.MM  
Quant\_Title : ASP. BNA. STANDARDS. FOR. 5. POINT. CALIBRATION.NN

TIC\_Library : C:\DATABASE\NIST11.LL  
TIC\_Integration\_Parameters: LSCINT.PP

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

No Library Search Compounds Detected

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