

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100317\  
 Data File : BF099044.D  
 Acq On : 3 Oct 2017 21:44  
 Operator : SJ/JU  
 Sample : I5531-05RE 5X  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 G-63-0-2.5RE

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-BF092317.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|--------|----------|------------|----------|-----------|-------|-------------|------------|--------------|------------|
| 1      | 2.128    | 5          | 7        | 43        | rVB3  | 100459      | 391935     | 43.62%       | 3.401%     |
| 2      | 4.463    | 401        | 404      | 414       | rBV   | 100609      | 111644     | 12.42%       | 0.969%     |
| 3      | 5.081    | 505        | 509      | 517       | rBV   | 786861      | 800988     | 89.14%       | 6.952%     |
| 4      | 5.481    | 573        | 577      | 581       | rBV   | 223179      | 188240     | 20.95%       | 1.634%     |
| 5      | 6.487    | 744        | 748      | 756       | rBV   | 696980      | 589061     | 65.55%       | 5.112%     |
| 6      | 6.634    | 770        | 773      | 777       | rVB   | 432106      | 364134     | 40.52%       | 3.160%     |
| 7      | 6.875    | 810        | 814      | 817       | rVB   | 783095      | 716914     | 79.78%       | 6.222%     |
| 8      | 6.928    | 819        | 823      | 826       | rBV   | 44346       | 39627      | 4.41%        | 0.344%     |
| 9      | 7.028    | 836        | 840      | 843       | rBV   | 725333      | 588047     | 65.44%       | 5.103%     |
| 10     | 7.140    | 853        | 859      | 862       | rBV   | 8433        | 10089      | 1.12%        | 0.088%     |
| 11     | 7.404    | 898        | 904      | 905       | rBV4  | 8433        | 10676      | 1.19%        | 0.093%     |
| 12     | 7.428    | 905        | 908      | 912       | rVV   | 510332      | 419978     | 46.74%       | 3.645%     |
| 13     | 7.463    | 912        | 914      | 918       | rVB2  | 12025       | 10424      | 1.16%        | 0.090%     |
| 14     | 7.510    | 918        | 922      | 925       | rVB3  | 11593       | 15301      | 1.70%        | 0.133%     |
| 15     | 7.569    | 925        | 932      | 935       | rBV3  | 5619        | 10500      | 1.17%        | 0.091%     |
| 16     | 7.792    | 968        | 970      | 973       | rVB3  | 13396       | 10384      | 1.16%        | 0.090%     |
| 17     | 7.822    | 973        | 975      | 979       | rVB4  | 7618        | 10051      | 1.12%        | 0.087%     |
| 18     | 7.892    | 984        | 987      | 990       | rBV4  | 10735       | 14986      | 1.67%        | 0.130%     |
| 19     | 8.022    | 1006       | 1009     | 1012      | rBV3  | 10638       | 13594      | 1.51%        | 0.118%     |
| 20     | 8.151    | 1025       | 1031     | 1035      | rBV   | 948263      | 898594     | 100.00%      | 7.799%     |
| 21     | 8.210    | 1037       | 1041     | 1043      | rVB2  | 44417       | 44799      | 4.99%        | 0.389%     |
| 22     | 8.239    | 1043       | 1046     | 1048      | rBV2  | 13732       | 13445      | 1.50%        | 0.117%     |
| 23     | 8.298    | 1054       | 1056     | 1059      | rBV4  | 8182        | 10918      | 1.22%        | 0.095%     |
| 24     | 8.357    | 1063       | 1066     | 1070      | rVV3  | 13396       | 14741      | 1.64%        | 0.128%     |
| 25     | 8.439    | 1073       | 1080     | 1087      | rVV8  | 26844       | 47821      | 5.32%        | 0.415%     |
| 26     | 8.498    | 1087       | 1090     | 1093      | rVV3  | 9563        | 11181      | 1.24%        | 0.097%     |
| 27     | 8.534    | 1093       | 1096     | 1099      | rVV4  | 13203       | 15083      | 1.68%        | 0.131%     |
| 28     | 8.569    | 1099       | 1102     | 1104      | rVV   | 55044       | 42511      | 4.73%        | 0.369%     |
| 29     | 8.616    | 1108       | 1110     | 1113      | rVB2  | 15232       | 11792      | 1.31%        | 0.102%     |
| 30     | 8.657    | 1114       | 1117     | 1119      | rBV3  | 20292       | 15850      | 1.76%        | 0.138%     |
| 31     | 8.692    | 1119       | 1123     | 1125      | rBV3  | 14074       | 16172      | 1.80%        | 0.140%     |
| 32     | 8.739    | 1129       | 1131     | 1135      | rBV3  | 24098       | 23285      | 2.59%        | 0.202%     |
| 33     | 8.775    | 1135       | 1137     | 1140      | rVV3  | 11439       | 17748      | 1.98%        | 0.154%     |
| 34     | 8.834    | 1144       | 1147     | 1150      | rVB2  | 21125       | 23870      | 2.66%        | 0.207%     |

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 G-63-0-2.5RE

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-BF092317.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 35 | 8.863  | 1150 | 1152 | 1156 | rVB  | 15611  | 11273  | 1.25%  | 0.098% |
| 36 | 8.898  | 1156 | 1158 | 1160 | rBV3 | 13619  | 10918  | 1.22%  | 0.095% |
| 37 | 8.928  | 1160 | 1163 | 1165 | rBV4 | 13205  | 13634  | 1.52%  | 0.118% |
| 38 | 8.963  | 1166 | 1169 | 1173 | rVB2 | 20551  | 24620  | 2.74%  | 0.214% |
| 39 | 9.028  | 1176 | 1180 | 1183 | rBV4 | 14776  | 26768  | 2.98%  | 0.232% |
| 40 | 9.057  | 1183 | 1185 | 1189 | rVB4 | 19327  | 20122  | 2.24%  | 0.175% |
| 41 | 9.098  | 1189 | 1192 | 1195 | rBV4 | 13018  | 19667  | 2.19%  | 0.171% |
| 42 | 9.145  | 1197 | 1200 | 1201 | rBV2 | 14893  | 10857  | 1.21%  | 0.094% |
| 43 | 9.169  | 1201 | 1204 | 1210 | rVB  | 61829  | 54348  | 6.05%  | 0.472% |
| 44 | 9.222  | 1210 | 1213 | 1217 | rBV  | 824634 | 741687 | 82.54% | 6.437% |
| 45 | 9.304  | 1223 | 1227 | 1232 | rBV2 | 52431  | 68379  | 7.61%  | 0.593% |
| 46 | 9.375  | 1237 | 1239 | 1242 | rVV3 | 20757  | 20530  | 2.28%  | 0.178% |
| 47 | 9.422  | 1245 | 1247 | 1251 | rVB4 | 13488  | 13574  | 1.51%  | 0.118% |
| 48 | 9.492  | 1256 | 1259 | 1262 | rVV2 | 31030  | 40740  | 4.53%  | 0.354% |
| 49 | 9.539  | 1264 | 1267 | 1268 | rVV3 | 15429  | 13016  | 1.45%  | 0.113% |
| 50 | 9.563  | 1268 | 1271 | 1273 | rVV  | 49543  | 49769  | 5.54%  | 0.432% |
| 51 | 9.592  | 1273 | 1276 | 1277 | rVV3 | 29188  | 28538  | 3.18%  | 0.248% |
| 52 | 9.616  | 1277 | 1280 | 1284 | rVV2 | 189090 | 191814 | 21.35% | 1.665% |
| 53 | 9.651  | 1284 | 1286 | 1288 | rVV4 | 14816  | 13018  | 1.45%  | 0.113% |
| 54 | 9.681  | 1288 | 1291 | 1293 | rVV3 | 24207  | 22760  | 2.53%  | 0.198% |
| 55 | 9.728  | 1297 | 1299 | 1301 | rVB  | 14147  | 10361  | 1.15%  | 0.090% |
| 56 | 9.769  | 1303 | 1306 | 1309 | rBV4 | 33978  | 35229  | 3.92%  | 0.306% |
| 57 | 9.816  | 1309 | 1314 | 1319 | rBV3 | 34354  | 51071  | 5.68%  | 0.443% |
| 58 | 9.910  | 1325 | 1330 | 1333 | rVB  | 860279 | 763515 | 84.97% | 6.626% |
| 59 | 9.939  | 1333 | 1335 | 1339 | rVV4 | 17891  | 15957  | 1.78%  | 0.138% |
| 60 | 10.010 | 1343 | 1347 | 1351 | rBV3 | 28974  | 37920  | 4.22%  | 0.329% |
| 61 | 10.057 | 1351 | 1355 | 1358 | rBV5 | 15006  | 23515  | 2.62%  | 0.204% |
| 62 | 10.104 | 1358 | 1363 | 1368 | rVB3 | 30656  | 44581  | 4.96%  | 0.387% |
| 63 | 10.151 | 1368 | 1371 | 1375 | rVB3 | 33367  | 38422  | 4.28%  | 0.333% |
| 64 | 10.222 | 1380 | 1383 | 1385 | rBV  | 37249  | 35266  | 3.92%  | 0.306% |
| 65 | 10.251 | 1385 | 1388 | 1390 | rVB  | 18525  | 12931  | 1.44%  | 0.112% |
| 66 | 10.275 | 1390 | 1392 | 1394 | rVB2 | 16723  | 14487  | 1.61%  | 0.126% |
| 67 | 10.316 | 1394 | 1399 | 1400 | rBV2 | 34364  | 41306  | 4.60%  | 0.358% |
| 68 | 10.328 | 1400 | 1401 | 1404 | rVB  | 35456  | 26213  | 2.92%  | 0.227% |
| 69 | 10.357 | 1404 | 1406 | 1409 | rBV4 | 12377  | 12301  | 1.37%  | 0.107% |
| 70 | 10.451 | 1419 | 1422 | 1424 | rBV2 | 15149  | 13523  | 1.50%  | 0.117% |
| 71 | 10.551 | 1435 | 1439 | 1444 | rVB  | 63732  | 78659  | 8.75%  | 0.683% |

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Instrument :  
 BNA\_F  
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 G-63-0-2.5RE

Integration Parameters: rteint.p  
 Integrator: RTE  
 Smoothing : ON Filtering: 5  
 Sampling : 1 Min Area: 3 % of largest Peak  
 Start Thrs: 0.2 Max Peaks: 100  
 Stop Thrs : 0 Peak Location: TOP

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

Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF092317.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 72 | 10.604 | 1445 | 1448 | 1453 | rVB6 | 13384  | 19903  | 2.21%  | 0.173% |
| 73 | 10.816 | 1479 | 1484 | 1491 | rVB  | 139404 | 160892 | 17.90% | 1.396% |
| 74 | 10.892 | 1495 | 1497 | 1500 | rBV3 | 16400  | 11578  | 1.29%  | 0.100% |
| 75 | 11.028 | 1518 | 1520 | 1523 | rVB3 | 20378  | 19608  | 2.18%  | 0.170% |
| 76 | 11.198 | 1547 | 1549 | 1552 | rBV4 | 8662   | 9989   | 1.11%  | 0.087% |
| 77 | 11.251 | 1554 | 1558 | 1560 | rBV  | 53746  | 50132  | 5.58%  | 0.435% |
| 78 | 11.280 | 1560 | 1563 | 1566 | rVV2 | 49958  | 46643  | 5.19%  | 0.405% |
| 79 | 11.392 | 1579 | 1582 | 1585 | rBV  | 736112 | 624621 | 69.51% | 5.421% |
| 80 | 11.504 | 1597 | 1601 | 1603 | rBV4 | 10423  | 13932  | 1.55%  | 0.121% |
| 81 | 11.598 | 1615 | 1617 | 1620 | rBV2 | 17082  | 16341  | 1.82%  | 0.142% |
| 82 | 11.627 | 1620 | 1622 | 1626 | rVB5 | 17773  | 18066  | 2.01%  | 0.157% |
| 83 | 11.675 | 1628 | 1630 | 1633 | rVB  | 16875  | 15881  | 1.77%  | 0.138% |
| 84 | 11.710 | 1633 | 1636 | 1637 | rBV  | 14384  | 13454  | 1.50%  | 0.117% |
| 85 | 11.898 | 1664 | 1668 | 1669 | rBV2 | 14976  | 17409  | 1.94%  | 0.151% |
| 86 | 11.945 | 1674 | 1676 | 1678 | rVB  | 18949  | 14480  | 1.61%  | 0.126% |
| 87 | 12.086 | 1698 | 1700 | 1702 | rBV3 | 12803  | 11256  | 1.25%  | 0.098% |
| 88 | 12.410 | 1752 | 1755 | 1758 | rBV  | 15606  | 13049  | 1.45%  | 0.113% |
| 89 | 12.474 | 1763 | 1766 | 1768 | rBV2 | 16073  | 18321  | 2.04%  | 0.159% |
| 90 | 12.604 | 1786 | 1788 | 1791 | rBV  | 45917  | 38399  | 4.27%  | 0.333% |
| 91 | 12.786 | 1817 | 1819 | 1822 | rVB4 | 13864  | 10333  | 1.15%  | 0.090% |
| 92 | 12.851 | 1825 | 1830 | 1834 | rVV2 | 160137 | 185571 | 20.65% | 1.611% |
| 93 | 12.974 | 1847 | 1851 | 1854 | rBV  | 619974 | 517162 | 57.55% | 4.488% |
| 94 | 13.451 | 1929 | 1932 | 1937 | rVB  | 106383 | 90447  | 10.07% | 0.785% |
| 95 | 14.033 | 2027 | 2031 | 2034 | rBV  | 756852 | 653004 | 72.67% | 5.667% |
| 96 | 15.510 | 2277 | 2282 | 2287 | rBV  | 599052 | 756348 | 84.17% | 6.564% |

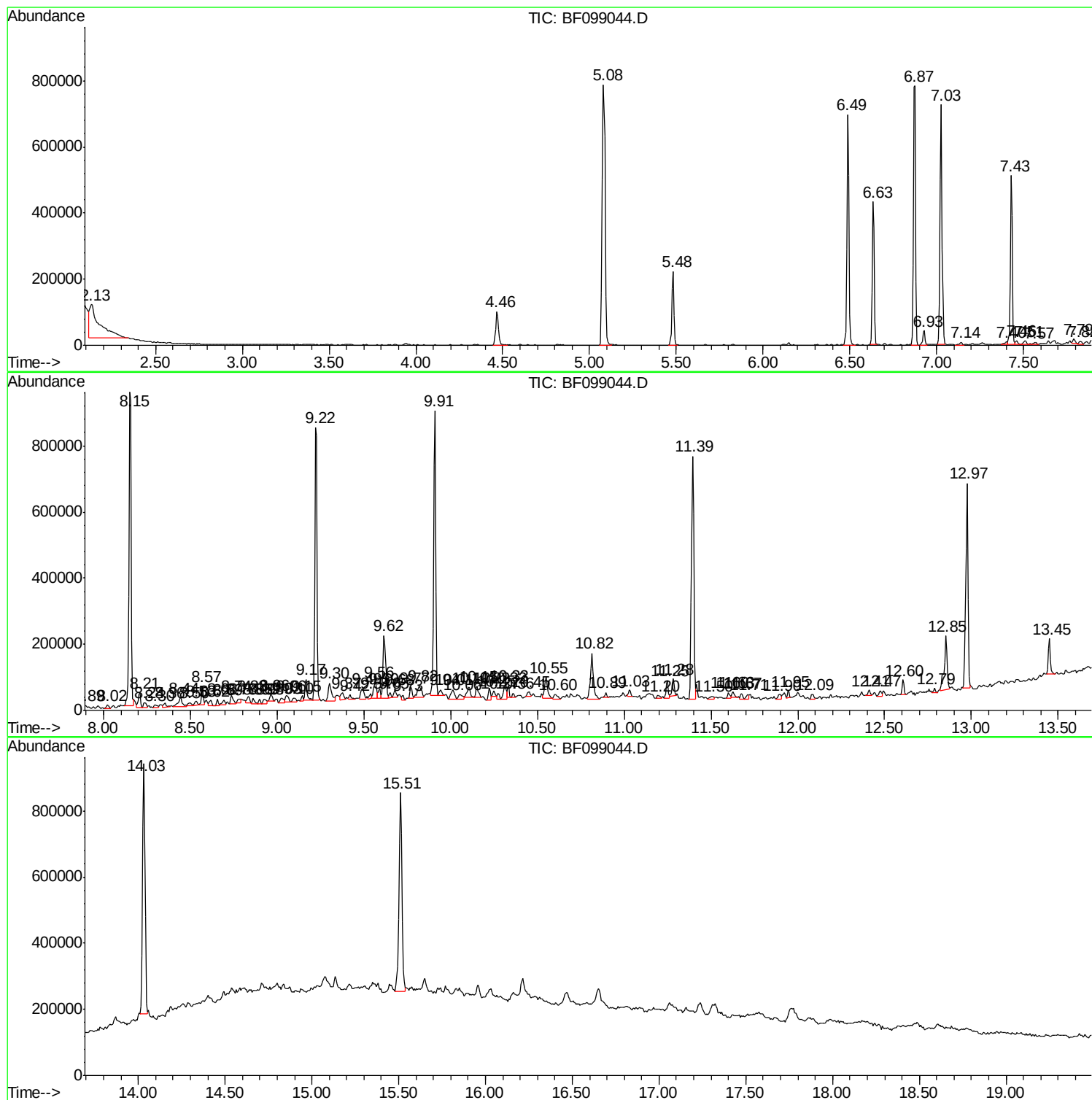
Sum of corrected areas: 11522491

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Data File : BF099044.D  
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Sample : I5531-05RE 5X  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampled :  
G-63-0-2.5RE

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.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\BF100317\  
Data\_File : BF099044.D  
Acq\_On : 3\_Oct\_2017. 21:444  
Operator : SJ/JUU  
Sample : I5531-05RE\_5XX  
Misc :  
ALS\_Vial : 10 Sample\_Multiplier: 11

Instrument :  
BNA\_F  
ClientSampleId :  
G-63-0-2.5RE

Quant\_Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF092317.MM  
Quant\_Title : ASP. BNA. STANDARDS. FOR. 5. POINT. CALIBRATION

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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