

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF032516\  
 Data File : BF085779.D  
 Acq On : 25 Mar 2016 23:38  
 Operator : UM/SJ  
 Sample : H1834-05  
 Misc :  
 ALS Vial : 46 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 4

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-BF032416.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         | 4.996       | 234           | 237         | 241          | rBV2     | 474340         | 837693        | 11.61%          | 0.371%        |
| 2         | 5.396       | 267           | 272         | 273          | rBV      | 556169         | 669326        | 9.28%           | 0.296%        |
| 3         | 5.419       | 273           | 274         | 277          | rVB      | 1744491        | 2343339       | 32.48%          | 1.037%        |
| 4         | 5.579       | 285           | 288         | 290          | rBV      | 298387         | 482304        | 6.69%           | 0.213%        |
| 5         | 5.830       | 307           | 310         | 312          | rVB      | 473661         | 660645        | 9.16%           | 0.292%        |
| 6         | 5.967       | 319           | 322         | 325          | rVB2     | 851507         | 1052153       | 14.58%          | 0.465%        |
| 7         | 6.024       | 325           | 327         | 329          | rBV2     | 226945         | 447254        | 6.20%           | 0.198%        |
| 8         | 6.070       | 329           | 331         | 334          | rBV2     | 1659180        | 2226114       | 30.86%          | 0.985%        |
| 9         | 6.127       | 334           | 336         | 337          | rBV      | 514464         | 660609        | 9.16%           | 0.292%        |
| 10        | 6.253       | 345           | 347         | 352          | rBV3     | 686501         | 2042797       | 28.32%          | 0.904%        |
| 11        | 6.322       | 352           | 353         | 354          | rBV      | 1048489        | 747432        | 10.36%          | 0.331%        |
| 12        | 6.356       | 354           | 356         | 360          | rVB3     | 1143759        | 1732909       | 24.02%          | 0.767%        |
| 13        | 6.413       | 360           | 361         | 363          | rBV      | 1072840        | 1091269       | 15.13%          | 0.483%        |
| 14        | 6.470       | 363           | 366         | 367          | rBV      | 2081495        | 2326111       | 32.24%          | 1.029%        |
| 15        | 6.596       | 372           | 377         | 380          | rBV2     | 2783931        | 4989143       | 69.16%          | 2.207%        |
| 16        | 6.653       | 380           | 382         | 384          | rBV      | 2666309        | 2537285       | 35.17%          | 1.122%        |
| 17        | 6.779       | 390           | 393         | 395          | rBV2     | 818457         | 1667461       | 23.11%          | 0.738%        |
| 18        | 6.824       | 395           | 397         | 398          | rBV2     | 770585         | 1135506       | 15.74%          | 0.502%        |
| 19        | 6.847       | 398           | 399         | 401          | rVB      | 2325114        | 1726038       | 23.93%          | 0.764%        |
| 20        | 6.893       | 401           | 403         | 405          | rBV2     | 735179         | 1509414       | 20.92%          | 0.668%        |
| 21        | 6.950       | 405           | 408         | 409          | rVB3     | 640217         | 819863        | 11.36%          | 0.363%        |
| 22        | 6.984       | 409           | 411         | 412          | rBV2     | 2698649        | 3308697       | 45.86%          | 1.464%        |
| 23        | 7.076       | 415           | 419         | 420          | rBV2     | 997914         | 1982292       | 27.48%          | 0.877%        |
| 24        | 7.110       | 420           | 422         | 423          | rVB2     | 1358578        | 1649364       | 22.86%          | 0.730%        |
| 25        | 7.144       | 423           | 425         | 427          | rVB2     | 1559173        | 2247844       | 31.16%          | 0.994%        |
| 26        | 7.224       | 430           | 432         | 434          | rBV2     | 1709052        | 1821939       | 25.26%          | 0.806%        |
| 27        | 7.304       | 437           | 439         | 440          | rBV      | 1446570        | 2084384       | 28.89%          | 0.922%        |
| 28        | 7.327       | 440           | 441         | 442          | rVB      | 1351388        | 926376        | 12.84%          | 0.410%        |
| 29        | 7.373       | 442           | 445         | 446          | rBV      | 2881432        | 3790800       | 52.55%          | 1.677%        |
| 30        | 7.396       | 446           | 447         | 452          | rVB3     | 1851742        | 3350529       | 46.44%          | 1.482%        |
| 31        | 7.476       | 452           | 454         | 456          | rBV2     | 1540902        | 2550116       | 35.35%          | 1.128%        |
| 32        | 7.544       | 456           | 460         | 462          | rBV2     | 1352789        | 3357717       | 46.54%          | 1.485%        |
| 33        | 7.636       | 462           | 468         | 470          | rBV2     | 2841720        | 6252990       | 86.68%          | 2.766%        |
| 34        | 7.682       | 470           | 472         | 474          | rVB2     | 422903         | 548368        | 7.60%           | 0.243%        |

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Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF032416.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|    |        |     |     |     |      |         |         |         |        |
|----|--------|-----|-----|-----|------|---------|---------|---------|--------|
| 35 | 7.727  | 474 | 476 | 477 | rBV2 | 1532229 | 2391871 | 33.16%  | 1.058% |
| 36 | 7.796  | 481 | 482 | 484 | rVB2 | 1532811 | 2027235 | 28.10%  | 0.897% |
| 37 | 7.864  | 484 | 488 | 489 | rBV3 | 2633532 | 4657491 | 64.56%  | 2.060% |
| 38 | 7.945  | 492 | 495 | 498 | rBV3 | 1527134 | 3675324 | 50.95%  | 1.626% |
| 39 | 7.990  | 498 | 499 | 501 | rBV  | 1312875 | 1167793 | 16.19%  | 0.517% |
| 40 | 8.116  | 503 | 510 | 511 | rBV3 | 3098565 | 7180056 | 99.53%  | 3.176% |
| 41 | 8.150  | 511 | 513 | 514 | rBV  | 1926014 | 2692374 | 37.32%  | 1.191% |
| 42 | 8.299  | 523 | 526 | 527 | rBV3 | 943715  | 2430959 | 33.70%  | 1.075% |
| 43 | 8.322  | 527 | 528 | 530 | rVV2 | 1880341 | 2281611 | 31.63%  | 1.009% |
| 44 | 8.367  | 530 | 532 | 534 | rVV3 | 1103068 | 2186843 | 30.31%  | 0.967% |
| 45 | 8.402  | 534 | 535 | 538 | rVV3 | 2048872 | 3822086 | 52.98%  | 1.691% |
| 46 | 8.482  | 540 | 542 | 543 | rVV2 | 679271  | 871804  | 12.08%  | 0.386% |
| 47 | 8.516  | 543 | 545 | 546 | rVV  | 1979940 | 2263238 | 31.37%  | 1.001% |
| 48 | 8.562  | 546 | 549 | 551 | rVV3 | 2302761 | 4084645 | 56.62%  | 1.807% |
| 49 | 8.630  | 553 | 555 | 557 | rVV2 | 1979707 | 2854725 | 39.57%  | 1.263% |
| 50 | 8.665  | 557 | 558 | 561 | rVV3 | 773647  | 1673061 | 23.19%  | 0.740% |
| 51 | 8.722  | 561 | 563 | 565 | rVV2 | 852919  | 1794343 | 24.87%  | 0.794% |
| 52 | 8.790  | 567 | 569 | 570 | rVV  | 1473675 | 1928688 | 26.74%  | 0.853% |
| 53 | 8.859  | 570 | 575 | 576 | rVB3 | 3160708 | 7214072 | 100.00% | 3.191% |
| 54 | 8.882  | 576 | 577 | 578 | rBV  | 772950  | 752622  | 10.43%  | 0.333% |
| 55 | 8.950  | 580 | 583 | 587 | rVV4 | 2566535 | 5380811 | 74.59%  | 2.380% |
| 56 | 9.076  | 592 | 594 | 595 | rVB  | 920533  | 773287  | 10.72%  | 0.342% |
| 57 | 9.156  | 598 | 601 | 603 | rBV3 | 1950908 | 3248482 | 45.03%  | 1.437% |
| 58 | 9.202  | 603 | 605 | 606 | rBV  | 1230544 | 1081612 | 14.99%  | 0.478% |
| 59 | 9.305  | 610 | 614 | 615 | rBV2 | 1489989 | 2761329 | 38.28%  | 1.222% |
| 60 | 9.362  | 615 | 619 | 620 | rBV2 | 1108479 | 2169156 | 30.07%  | 0.960% |
| 61 | 9.408  | 621 | 623 | 626 | rVB2 | 2004686 | 3055402 | 42.35%  | 1.352% |
| 62 | 9.488  | 626 | 630 | 631 | rBV  | 2717845 | 4962209 | 68.79%  | 2.195% |
| 63 | 9.568  | 632 | 637 | 638 | rBV  | 2594739 | 6845525 | 94.89%  | 3.028% |
| 64 | 9.670  | 645 | 646 | 652 | rVB5 | 1901787 | 3355840 | 46.52%  | 1.485% |
| 65 | 9.750  | 652 | 653 | 655 | rVB2 | 1425747 | 1551701 | 21.51%  | 0.686% |
| 66 | 9.796  | 655 | 657 | 659 | rBV3 | 576772  | 542623  | 7.52%   | 0.240% |
| 67 | 9.865  | 661 | 663 | 666 | rBV4 | 1288044 | 2481350 | 34.40%  | 1.098% |
| 68 | 9.910  | 666 | 667 | 673 | rVV5 | 1108242 | 2707755 | 37.53%  | 1.198% |
| 69 | 10.002 | 673 | 675 | 677 | rVB  | 1969839 | 3176612 | 44.03%  | 1.405% |
| 70 | 10.093 | 680 | 683 | 685 | rVV2 | 1860962 | 3215019 | 44.57%  | 1.422% |
| 71 | 10.139 | 685 | 687 | 691 | rVB3 | 2587726 | 4551853 | 63.10%  | 2.014% |

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Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF032416.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|     |        |      |      |      |      |         |         |        |        |
|-----|--------|------|------|------|------|---------|---------|--------|--------|
| 72  | 10.208 | 691  | 693  | 695  | rBV2 | 2025375 | 3288419 | 45.58% | 1.455% |
| 73  | 10.242 | 695  | 696  | 699  | rVB3 | 1964667 | 1850815 | 25.66% | 0.819% |
| 74  | 10.299 | 699  | 701  | 704  | rBV3 | 1444172 | 2851678 | 39.53% | 1.262% |
| 75  | 10.436 | 710  | 713  | 714  | rBV3 | 1096619 | 1989693 | 27.58% | 0.880% |
| 76  | 10.585 | 724  | 726  | 729  | rVB3 | 1284666 | 2416473 | 33.50% | 1.069% |
| 77  | 10.653 | 730  | 732  | 733  | rVV2 | 765139  | 718769  | 9.96%  | 0.318% |
| 78  | 10.813 | 743  | 746  | 749  | rVB2 | 2168092 | 3975829 | 55.11% | 1.759% |
| 79  | 10.871 | 749  | 751  | 753  | rBV2 | 669748  | 978525  | 13.56% | 0.433% |
| 80  | 10.985 | 759  | 761  | 762  | rBV2 | 743928  | 975180  | 13.52% | 0.431% |
| 81  | 11.019 | 762  | 764  | 765  | rVV  | 1431896 | 1859498 | 25.78% | 0.823% |
| 82  | 11.133 | 769  | 774  | 776  | rBV4 | 1114666 | 2827733 | 39.20% | 1.251% |
| 83  | 11.271 | 783  | 786  | 789  | rVB2 | 2241636 | 3630406 | 50.32% | 1.606% |
| 84  | 11.396 | 796  | 797  | 799  | rVB  | 1262869 | 888352  | 12.31% | 0.393% |
| 85  | 11.488 | 803  | 805  | 808  | rBV3 | 635283  | 1227312 | 17.01% | 0.543% |
| 86  | 11.613 | 814  | 816  | 821  | rVB4 | 1292542 | 2197483 | 30.46% | 0.972% |
| 87  | 11.705 | 821  | 824  | 829  | rVB4 | 885362  | 2577304 | 35.73% | 1.140% |
| 88  | 11.876 | 836  | 839  | 840  | rBV  | 1579941 | 1820481 | 25.24% | 0.805% |
| 89  | 11.899 | 840  | 841  | 843  | rVB  | 1495436 | 1734704 | 24.05% | 0.767% |
| 90  | 11.979 | 846  | 848  | 849  | rBV2 | 1053790 | 930394  | 12.90% | 0.412% |
| 91  | 12.231 | 868  | 870  | 874  | rVB4 | 466538  | 693762  | 9.62%  | 0.307% |
| 92  | 12.311 | 875  | 877  | 878  | rVV  | 867815  | 1056071 | 14.64% | 0.467% |
| 93  | 12.345 | 878  | 880  | 884  | rVB  | 1412476 | 2324146 | 32.22% | 1.028% |
| 94  | 12.425 | 884  | 887  | 888  | rBV  | 1688216 | 2203576 | 30.55% | 0.975% |
| 95  | 12.459 | 888  | 890  | 891  | rVB2 | 569254  | 681755  | 9.45%  | 0.302% |
| 96  | 12.859 | 923  | 925  | 927  | rVB  | 898152  | 1045814 | 14.50% | 0.463% |
| 97  | 12.939 | 930  | 932  | 937  | rVB  | 1554603 | 2146347 | 29.75% | 0.949% |
| 98  | 13.831 | 1008 | 1010 | 1016 | rVB2 | 360158  | 722575  | 10.02% | 0.320% |
| 99  | 13.979 | 1021 | 1023 | 1025 | rVB  | 380669  | 511938  | 7.10%  | 0.226% |
| 100 | 15.397 | 1145 | 1147 | 1152 | rVB  | 410674  | 541870  | 7.51%  | 0.240% |

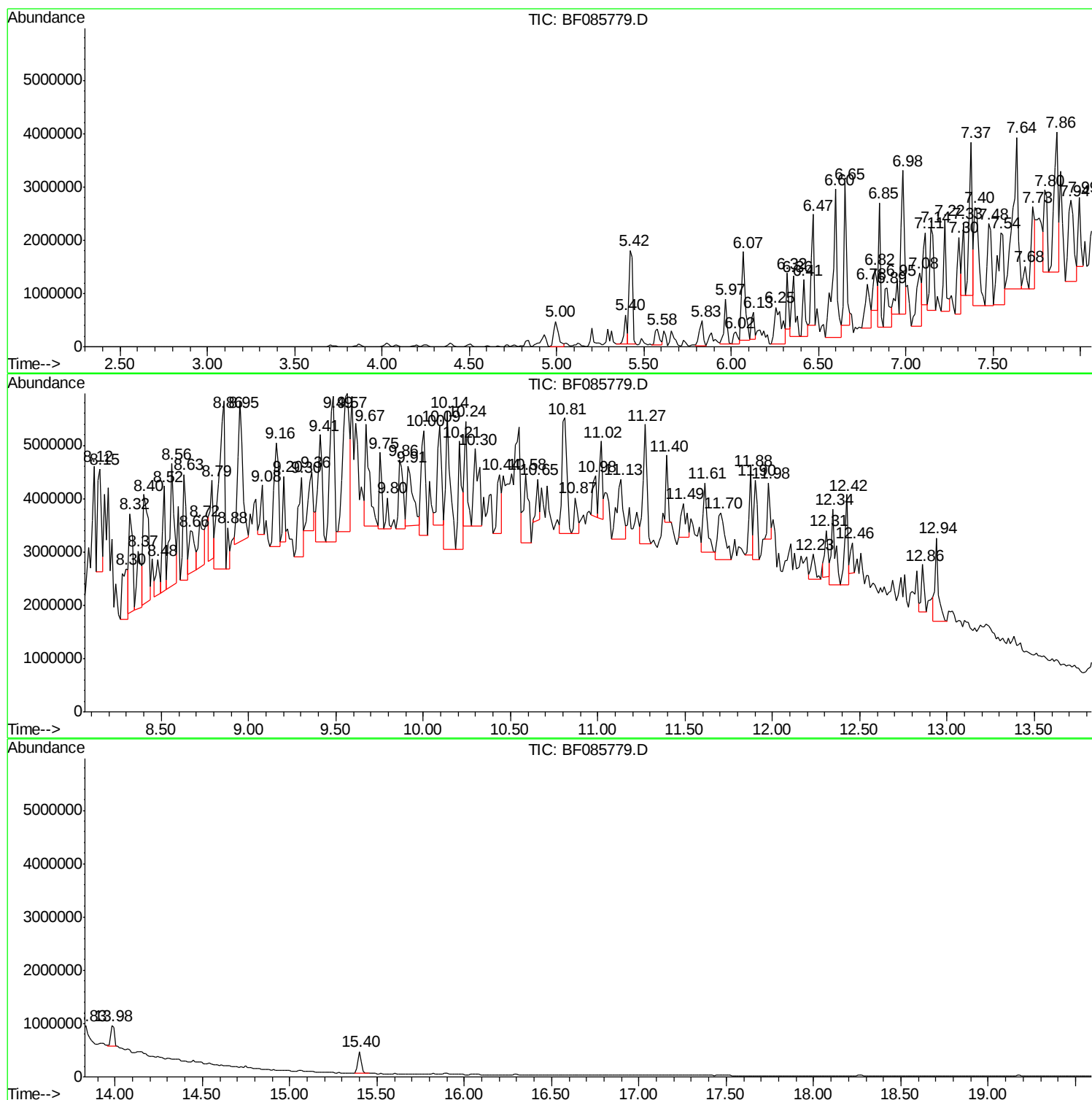
Sum of corrected areas: 226054390

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Data File : BF085779.D  
Acq On : 25 Mar 2016 23:38  
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Misc :  
ALS Vial : 46 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampled :  
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032416.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data\_Path : Z:\HPCHEM1\BNA\_F\DATA\BF032516\  
Data\_File : BF085779.D  
Acq\_On : 25-Mar-2016 23:388  
Operator : UM/SJJ  
Sample : H1834-055  
Misc :  
ALS\_Vial : 46 Sample\_Multiplier: 11

Instrument :  
BNA\_F  
ClientSampleId :  
4

Quant\_Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF032416.MM  
Quant\_Title : ASP. BNA. STANDARDS. FOR. 5. POINT. CALIBRATION.NN

TIC\_Library : C:\DATABASE\NIST02.LL  
TIC\_Integration\_Parameters: LSCINT.PP

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

No Library Search Compounds Detected

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