

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP111523\  
 Data File : BP018196.D  
 Acq On : 16 Nov 2023 04:25  
 Operator : MA/JU  
 Sample : 05338-20  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 GCDM5

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0.1 % 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:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP111023.MA.M  
 Title : SVOA CALIBRATION

Signal : TIC: BP018196.D\data.ms

| 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         | 3.158       | 9             | 12          | 17           | rBV      | 15567          | 18014         | 0.80%           | 0.091%        |
| 2         | 3.605       | 85            | 88          | 99           | rBV      | 52026          | 98131         | 4.35%           | 0.494%        |
| 3         | 3.775       | 113           | 117         | 123          | rVB4     | 6774           | 11345         | 0.50%           | 0.057%        |
| 4         | 3.899       | 135           | 138         | 143          | rVB6     | 5338           | 6596          | 0.29%           | 0.033%        |
| 5         | 4.346       | 211           | 214         | 217          | rVB5     | 2302           | 2504          | 0.11%           | 0.013%        |
| 6         | 4.422       | 223           | 227         | 231          | rVV7     | 2802           | 4308          | 0.19%           | 0.022%        |
| 7         | 5.334       | 380           | 382         | 388          | rVB7     | 1704           | 2702          | 0.12%           | 0.014%        |
| 8         | 5.811       | 461           | 463         | 468          | rVB6     | 2406           | 3365          | 0.15%           | 0.017%        |
| 9         | 5.863       | 468           | 472         | 476          | rBV7     | 1981           | 3420          | 0.15%           | 0.017%        |
| 10        | 6.563       | 585           | 591         | 594          | rBV8     | 1418           | 2646          | 0.12%           | 0.013%        |
| 11        | 6.740       | 619           | 621         | 626          | rVB6     | 2254           | 3690          | 0.16%           | 0.019%        |
| 12        | 6.858       | 636           | 641         | 643          | rBV6     | 1291           | 2263          | 0.10%           | 0.011%        |
| 13        | 6.963       | 652           | 659         | 672          | rBV      | 59381          | 138418        | 6.14%           | 0.697%        |
| 14        | 7.134       | 682           | 688         | 704          | rBV      | 265430         | 427628        | 18.96%          | 2.155%        |
| 15        | 7.305       | 710           | 717         | 732          | rBV      | 281986         | 501503        | 22.23%          | 2.527%        |
| 16        | 7.781       | 791           | 798         | 811          | rBV      | 280502         | 490630        | 21.75%          | 2.472%        |
| 17        | 8.510       | 915           | 922         | 937          | rBV      | 190726         | 390119        | 17.29%          | 1.966%        |
| 18        | 8.987       | 997           | 1003        | 1018         | rBV      | 316950         | 589484        | 26.13%          | 2.970%        |
| 19        | 9.152       | 1028          | 1031        | 1038         | rVB8     | 3459           | 6018          | 0.27%           | 0.030%        |
| 20        | 9.704       | 1118          | 1125        | 1140         | rBV      | 258439         | 515937        | 22.87%          | 2.600%        |
| 21        | 10.234      | 1208          | 1215        | 1236         | rBV      | 287904         | 656700        | 29.11%          | 3.309%        |
| 22        | 10.599      | 1270          | 1277        | 1291         | rVB      | 370155         | 613886        | 27.21%          | 3.093%        |
| 23        | 10.787      | 1303          | 1309        | 1328         | rBV      | 154357         | 400095        | 17.74%          | 2.016%        |
| 24        | 11.398      | 1406          | 1413        | 1414         | rBV7     | 3456           | 6245          | 0.28%           | 0.031%        |
| 25        | 11.416      | 1414          | 1416        | 1420         | rVV5     | 3750           | 4853          | 0.22%           | 0.024%        |
| 26        | 11.475      | 1423          | 1426        | 1429         | rBV5     | 1826           | 3092          | 0.14%           | 0.016%        |
| 27        | 11.651      | 1454          | 1456        | 1464         | rVB8     | 2115           | 2790          | 0.12%           | 0.014%        |
| 28        | 11.840      | 1486          | 1488        | 1491         | rBV4     | 2005           | 2297          | 0.10%           | 0.012%        |
| 29        | 13.304      | 1732          | 1737        | 1742         | rBV2     | 11483          | 17993         | 0.80%           | 0.091%        |
| 30        | 13.810      | 1807          | 1823        | 1826         | rBV2     | 81254          | 351807        | 15.60%          | 1.773%        |
| 31        | 13.887      | 1831          | 1836        | 1848         | rVB      | 752910         | 1117258       | 49.53%          | 5.630%        |
| 32        | 14.163      | 1874          | 1883        | 1897         | rBV      | 783571         | 1144118       | 50.72%          | 5.765%        |
| 33        | 14.463      | 1924          | 1934        | 1943         | rBV      | 513875         | 752932        | 33.38%          | 3.794%        |
| 34        | 14.651      | 1962          | 1966        | 1970         | rVB6     | 1765           | 3060          | 0.14%           | 0.015%        |
| 35        | 14.798      | 1985          | 1991        | 2000         | rBV8     | 12868          | 43539         | 1.93%           | 0.219%        |
| 36        | 15.122      | 2045          | 2046        | 2053         | rVB7     | 1656           | 2365          | 0.10%           | 0.012%        |

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Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP111023.MA.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |         |         |
|----|--------|------|------|------|------|---------|---------|---------|---------|
| 37 | 15.463 | 2098 | 2104 | 2118 | rBV  | 964963  | 1446014 | 64.10%  | 7.286%  |
| 38 | 15.628 | 2126 | 2132 | 2144 | rBV  | 268524  | 467374  | 20.72%  | 2.355%  |
| 39 | 15.710 | 2144 | 2146 | 2153 | rVB8 | 8354    | 13456   | 0.60%   | 0.068%  |
| 40 | 15.881 | 2172 | 2175 | 2181 | rBV7 | 2859    | 4728    | 0.21%   | 0.024%  |
| 41 | 16.122 | 2213 | 2216 | 2221 | rVB6 | 1973    | 3171    | 0.14%   | 0.016%  |
| 42 | 16.186 | 2221 | 2227 | 2232 | rBV4 | 7369    | 12091   | 0.54%   | 0.061%  |
| 43 | 16.281 | 2236 | 2243 | 2246 | rBV  | 12646   | 19163   | 0.85%   | 0.097%  |
| 44 | 16.334 | 2248 | 2252 | 2258 | rVV3 | 18593   | 34421   | 1.53%   | 0.173%  |
| 45 | 16.398 | 2258 | 2263 | 2267 | rVV4 | 12884   | 21891   | 0.97%   | 0.110%  |
| 46 | 16.439 | 2267 | 2270 | 2275 | rVB3 | 8335    | 12273   | 0.54%   | 0.062%  |
| 47 | 16.498 | 2275 | 2280 | 2282 | rBV4 | 5940    | 8922    | 0.40%   | 0.045%  |
| 48 | 16.545 | 2285 | 2288 | 2292 | rVB4 | 5836    | 8063    | 0.36%   | 0.041%  |
| 49 | 16.604 | 2292 | 2298 | 2304 | rBV5 | 13669   | 26886   | 1.19%   | 0.135%  |
| 50 | 16.669 | 2304 | 2309 | 2314 | rBV  | 10371   | 16780   | 0.74%   | 0.085%  |
| 51 | 16.739 | 2319 | 2321 | 2327 | rVB4 | 7134    | 10789   | 0.48%   | 0.054%  |
| 52 | 16.998 | 2363 | 2365 | 2368 | rBV4 | 1975    | 2505    | 0.11%   | 0.013%  |
| 53 | 17.086 | 2377 | 2380 | 2382 | rVV4 | 2084    | 2282    | 0.10%   | 0.011%  |
| 54 | 17.245 | 2400 | 2407 | 2416 | rBV  | 622535  | 907468  | 40.23%  | 4.573%  |
| 55 | 17.345 | 2418 | 2424 | 2439 | rVV  | 1137282 | 1665342 | 73.82%  | 8.392%  |
| 56 | 17.498 | 2448 | 2450 | 2453 | rVB3 | 2653    | 2409    | 0.11%   | 0.012%  |
| 57 | 17.875 | 2508 | 2514 | 2519 | rBV4 | 26732   | 41112   | 1.82%   | 0.207%  |
| 58 | 18.098 | 2548 | 2552 | 2560 | rVV3 | 33649   | 58039   | 2.57%   | 0.292%  |
| 59 | 18.186 | 2564 | 2567 | 2570 | rBV5 | 3214    | 4654    | 0.21%   | 0.023%  |
| 60 | 18.269 | 2577 | 2581 | 2582 | rBV4 | 3861    | 5220    | 0.23%   | 0.026%  |
| 61 | 18.304 | 2583 | 2587 | 2598 | rVV  | 48957   | 74813   | 3.32%   | 0.377%  |
| 62 | 18.557 | 2629 | 2630 | 2634 | rBV4 | 2453    | 2446    | 0.11%   | 0.012%  |
| 63 | 18.810 | 2670 | 2673 | 2678 | rVB6 | 4660    | 5978    | 0.26%   | 0.030%  |
| 64 | 19.175 | 2731 | 2735 | 2740 | rBV2 | 14938   | 18602   | 0.82%   | 0.094%  |
| 65 | 19.251 | 2741 | 2748 | 2754 | rVV3 | 16019   | 34738   | 1.54%   | 0.175%  |
| 66 | 19.339 | 2759 | 2763 | 2770 | rBV7 | 28672   | 44200   | 1.96%   | 0.223%  |
| 67 | 19.475 | 2783 | 2786 | 2790 | rBV5 | 8422    | 10527   | 0.47%   | 0.053%  |
| 68 | 19.598 | 2802 | 2807 | 2817 | rBV  | 1549037 | 2023707 | 89.71%  | 10.197% |
| 69 | 21.163 | 3070 | 3073 | 3077 | rBV5 | 19605   | 24083   | 1.07%   | 0.121%  |
| 70 | 21.374 | 3104 | 3109 | 3120 | rBV  | 761202  | 1061261 | 47.04%  | 5.348%  |
| 71 | 23.680 | 3493 | 3501 | 3510 | rBV2 | 1146498 | 2255873 | 100.00% | 11.367% |
| 72 | 23.845 | 3522 | 3529 | 3542 | rVB  | 517139  | 1152490 | 51.09%  | 5.807%  |

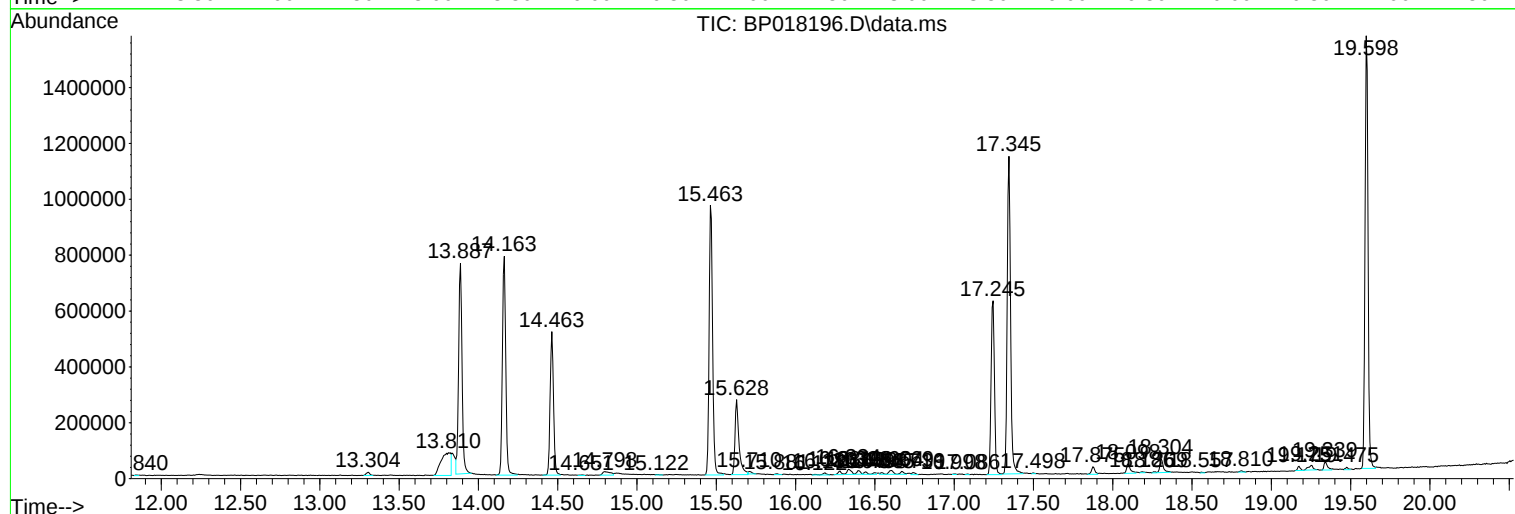
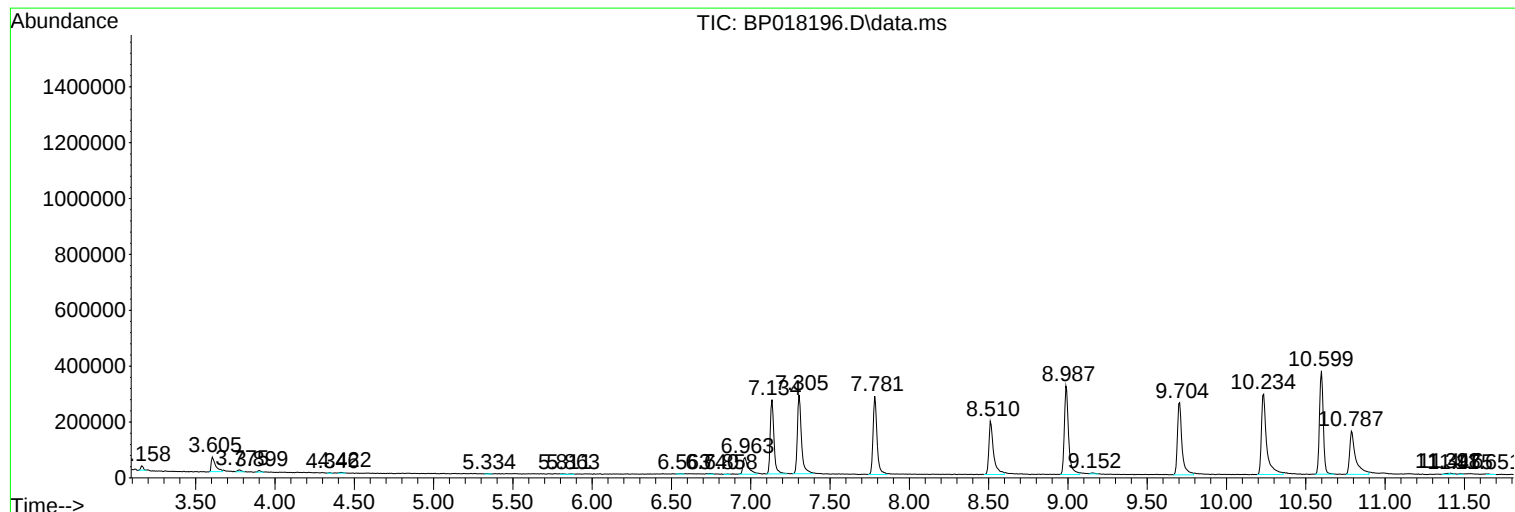
Sum of corrected areas: 19845522

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Instrument :  
BNA\_P  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP111023.MA.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P



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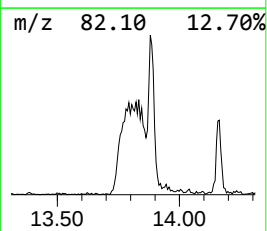
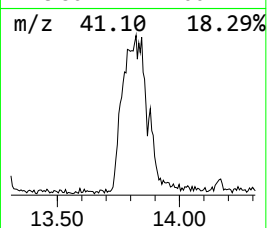
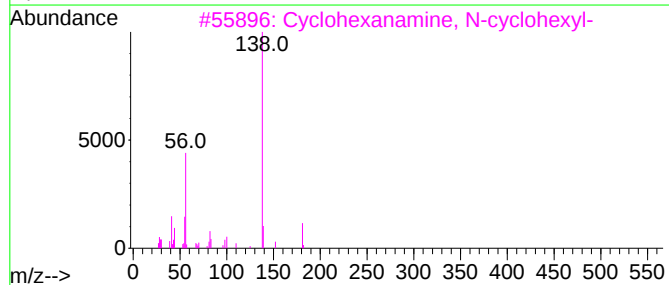
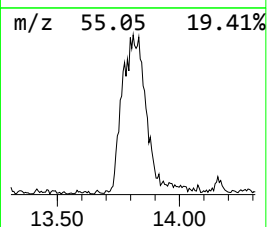
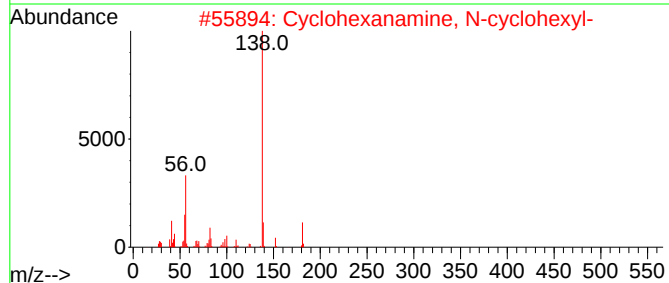
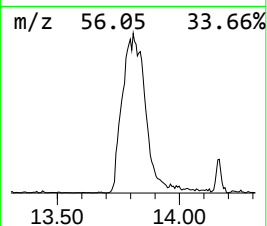
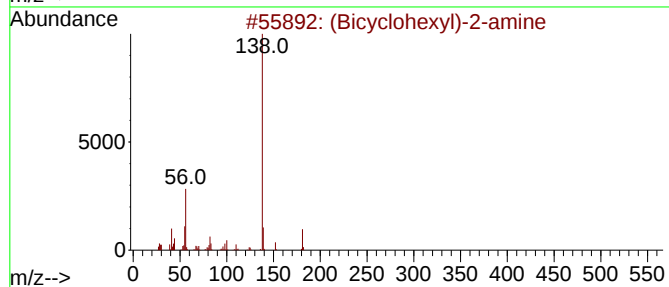
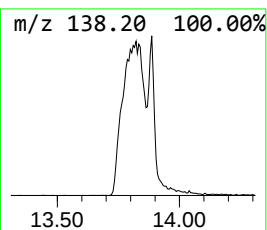
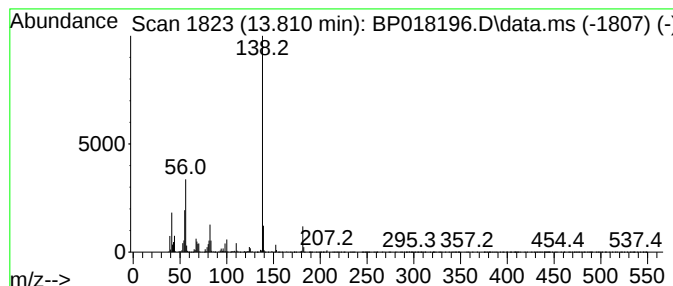
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP111023.MA.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 (Bicyclohexyl)-2-amine Concentration Rank 1

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 13.810 | 9.34 ng/ul | 351807 | Acenaphthene-d10 | 14.463 |

| Hit# | of | 5 | Tentative ID                   | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------------------------|-----|---------|-------------|------|
| 1    |    |   | (Bicyclohexyl)-2-amine         | 181 | C12H23N | 006283-14-3 | 97   |
| 2    |    |   | Cyclohexanamine, N-cyclohexyl- | 181 | C12H23N | 000101-83-7 | 96   |
| 3    |    |   | Cyclohexanamine, N-cyclohexyl- | 181 | C12H23N | 000101-83-7 | 94   |
| 4    |    |   | Cyclohexanamine, N-cyclohexyl- | 181 | C12H23N | 000101-83-7 | 94   |
| 5    |    |   | Cyclohexanamine, N-cyclohexyl- | 181 | C12H23N | 000101-83-7 | 90   |



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TIC Integration Parameters: LSCINT.P

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |        |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|--------|------|
|                    |        |         |       |          | #                     | RT     | Resp   | Conc |
| (Bicyclohexyl)-... | 13.810 | 9.3     | ng/u1 | 351807   | 3                     | 14.463 | 752932 | 20.0 |