

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030320\  
 Data File : BN010077.D  
 Acq On : 04 Mar 2020 00:34  
 Operator : CG/JU  
 Sample : TEST BS  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 TEST BS

## 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:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN021220MA.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         | 3.017       | 3             | 5           | 13           | rVB2     | 32359          | 45791         | 2.56%           | 0.149%        |
| 2         | 3.375       | 62            | 66          | 67           | rVB4     | 1550           | 1816          | 0.10%           | 0.006%        |
| 3         | 3.611       | 104           | 106         | 110          | rVB4     | 3962           | 4315          | 0.24%           | 0.014%        |
| 4         | 3.699       | 119           | 121         | 125          | rVB5     | 4221           | 3657          | 0.20%           | 0.012%        |
| 5         | 3.922       | 157           | 159         | 162          | rBV4     | 1647           | 2012          | 0.11%           | 0.007%        |
| 6         | 4.222       | 207           | 210         | 216          | rVB4     | 3524           | 5382          | 0.30%           | 0.018%        |
| 7         | 4.346       | 228           | 231         | 234          | rBV4     | 1688           | 2447          | 0.14%           | 0.008%        |
| 8         | 4.575       | 265           | 270         | 277          | rBV      | 13415          | 22196         | 1.24%           | 0.072%        |
| 9         | 4.805       | 306           | 309         | 311          | rVB3     | 1989           | 2014          | 0.11%           | 0.007%        |
| 10        | 4.822       | 311           | 312         | 318          | rBV4     | 1580           | 2669          | 0.15%           | 0.009%        |
| 11        | 4.875       | 318           | 321         | 324          | rVV4     | 1372           | 2298          | 0.13%           | 0.007%        |
| 12        | 4.958       | 332           | 335         | 337          | rBV      | 2213           | 2350          | 0.13%           | 0.008%        |
| 13        | 5.005       | 340           | 343         | 345          | rBV4     | 2338           | 2953          | 0.17%           | 0.010%        |
| 14        | 5.087       | 354           | 357         | 360          | rVB4     | 1879           | 2349          | 0.13%           | 0.008%        |
| 15        | 5.152       | 364           | 368         | 373          | rVB3     | 1305           | 2603          | 0.15%           | 0.008%        |
| 16        | 5.328       | 394           | 398         | 400          | rBV3     | 1691           | 3228          | 0.18%           | 0.011%        |
| 17        | 5.687       | 457           | 459         | 462          | rVB3     | 1759           | 1992          | 0.11%           | 0.006%        |
| 18        | 6.569       | 603           | 609         | 611          | rBV      | 514033         | 745747        | 41.74%          | 2.428%        |
| 19        | 6.593       | 611           | 613         | 630          | rVV      | 557983         | 879151        | 49.21%          | 2.862%        |
| 20        | 6.722       | 630           | 635         | 648          | rVV      | 321629         | 517918        | 28.99%          | 1.686%        |
| 21        | 6.822       | 651           | 652         | 658          | rVB5     | 1303           | 1894          | 0.11%           | 0.006%        |
| 22        | 6.905       | 660           | 666         | 669          | rBV      | 617951         | 1022448       | 57.23%          | 3.328%        |
| 23        | 6.934       | 669           | 671         | 681          | rVB      | 636487         | 928652        | 51.98%          | 3.023%        |
| 24        | 7.228       | 719           | 721         | 724          | rBV3     | 2196           | 1870          | 0.10%           | 0.006%        |
| 25        | 7.364       | 737           | 744         | 746          | rBV      | 379886         | 562918        | 31.51%          | 1.832%        |
| 26        | 7.399       | 746           | 750         | 760          | rVB      | 682642         | 1111816       | 62.23%          | 3.619%        |
| 27        | 7.722       | 801           | 805         | 806          | rBV4     | 1617           | 2199          | 0.12%           | 0.007%        |
| 28        | 7.946       | 839           | 843         | 844          | rVB3     | 2041           | 2518          | 0.14%           | 0.008%        |
| 29        | 8.081       | 860           | 866         | 875          | rBV      | 668186         | 1106372       | 61.93%          | 3.602%        |
| 30        | 8.169       | 875           | 881         | 891          | rVB      | 791714         | 1193163       | 66.78%          | 3.884%        |
| 31        | 8.416       | 919           | 923         | 924          | rBV3     | 2001           | 1847          | 0.10%           | 0.006%        |
| 32        | 8.511       | 932           | 939         | 960          | rBV      | 571781         | 976142        | 54.64%          | 3.178%        |
| 33        | 8.669       | 965           | 966         | 970          | rVB4     | 1768           | 2191          | 0.12%           | 0.007%        |
| 34        | 8.740       | 976           | 978         | 981          | rVB3     | 1961           | 2065          | 0.12%           | 0.007%        |

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 Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |         |        |
|----|--------|------|------|------|------|---------|---------|---------|--------|
| 35 | 9.222  | 1054 | 1060 | 1072 | rBV  | 366291  | 644820  | 36.09%  | 2.099% |
| 36 | 9.752  | 1144 | 1150 | 1165 | rBV  | 446998  | 766714  | 42.92%  | 2.496% |
| 37 | 9.981  | 1183 | 1189 | 1198 | rBV  | 472252  | 729267  | 40.82%  | 2.374% |
| 38 | 10.105 | 1204 | 1210 | 1225 | rVB  | 286952  | 467706  | 26.18%  | 1.523% |
| 39 | 10.269 | 1230 | 1238 | 1253 | rBV  | 311931  | 657841  | 36.82%  | 2.141% |
| 40 | 10.499 | 1271 | 1277 | 1282 | rBV3 | 8288    | 10966   | 0.61%   | 0.036% |
| 41 | 11.428 | 1427 | 1435 | 1448 | rBV  | 377125  | 766987  | 42.93%  | 2.497% |
| 42 | 11.557 | 1456 | 1457 | 1463 | rVB4 | 2361    | 3032    | 0.17%   | 0.010% |
| 43 | 11.722 | 1480 | 1485 | 1490 | rBV3 | 4458    | 7193    | 0.40%   | 0.023% |
| 44 | 13.434 | 1770 | 1776 | 1787 | rBV  | 700633  | 1008319 | 56.44%  | 3.282% |
| 45 | 13.693 | 1813 | 1820 | 1833 | rBV  | 769987  | 1106112 | 61.91%  | 3.601% |
| 46 | 14.004 | 1867 | 1873 | 1878 | rBV2 | 426035  | 613743  | 34.35%  | 1.998% |
| 47 | 14.069 | 1878 | 1884 | 1895 | rVB  | 899124  | 1248820 | 69.90%  | 4.065% |
| 48 | 14.269 | 1910 | 1918 | 1937 | rBV3 | 463549  | 1144368 | 64.05%  | 3.725% |
| 49 | 14.416 | 1937 | 1943 | 1957 | rVV  | 560557  | 822380  | 46.03%  | 2.677% |
| 50 | 14.510 | 1957 | 1959 | 1961 | rVV2 | 2439    | 2126    | 0.12%   | 0.007% |
| 51 | 14.951 | 2031 | 2034 | 2038 | rBV2 | 1239    | 2213    | 0.12%   | 0.007% |
| 52 | 15.010 | 2038 | 2044 | 2058 | rVB  | 969361  | 1386589 | 77.61%  | 4.514% |
| 53 | 15.181 | 2067 | 2073 | 2082 | rBV  | 260706  | 439246  | 24.59%  | 1.430% |
| 54 | 15.251 | 2083 | 2085 | 2091 | rVB4 | 14445   | 17620   | 0.99%   | 0.057% |
| 55 | 15.692 | 2156 | 2160 | 2163 | rVB  | 1281    | 1892    | 0.11%   | 0.006% |
| 56 | 15.798 | 2176 | 2178 | 2181 | rVV2 | 2438    | 2379    | 0.13%   | 0.008% |
| 57 | 16.434 | 2280 | 2286 | 2303 | rBV  | 364778  | 580582  | 32.50%  | 1.890% |
| 58 | 16.763 | 2337 | 2342 | 2350 | rBV  | 531890  | 717896  | 40.18%  | 2.337% |
| 59 | 16.863 | 2353 | 2359 | 2372 | rBV2 | 1063822 | 1501851 | 84.06%  | 4.889% |
| 60 | 17.992 | 2546 | 2551 | 2554 | rBV3 | 1013    | 1945    | 0.11%   | 0.006% |
| 61 | 18.134 | 2572 | 2575 | 2579 | rBV2 | 1247    | 1789    | 0.10%   | 0.006% |
| 62 | 18.569 | 2646 | 2649 | 2653 | rBV3 | 2384    | 2328    | 0.13%   | 0.008% |
| 63 | 18.816 | 2687 | 2691 | 2694 | rBV3 | 7565    | 9684    | 0.54%   | 0.032% |
| 64 | 19.063 | 2729 | 2733 | 2734 | rBV3 | 5801    | 6325    | 0.35%   | 0.021% |
| 65 | 19.133 | 2742 | 2745 | 2746 | rBV  | 1845    | 2236    | 0.13%   | 0.007% |
| 66 | 19.175 | 2746 | 2752 | 2754 | rVV2 | 1238086 | 1648547 | 92.27%  | 5.366% |
| 67 | 19.204 | 2754 | 2757 | 2766 | rVB  | 1398605 | 1786587 | 100.00% | 5.816% |
| 68 | 19.486 | 2803 | 2805 | 2807 | rBV2 | 2330    | 2399    | 0.13%   | 0.008% |
| 69 | 19.528 | 2811 | 2812 | 2816 | rVB3 | 2495    | 2643    | 0.15%   | 0.009% |
| 70 | 19.563 | 2816 | 2818 | 2819 | rBV2 | 2564    | 1870    | 0.10%   | 0.006% |
| 71 | 19.581 | 2819 | 2821 | 2825 | rVV4 | 1865    | 1861    | 0.10%   | 0.006% |

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|    |        |      |      |      |      |        |         |        |        |
|----|--------|------|------|------|------|--------|---------|--------|--------|
| 72 | 19.780 | 2852 | 2855 | 2856 | rBV2 | 2065   | 1897    | 0.11%  | 0.006% |
| 73 | 19.804 | 2858 | 2859 | 2861 | rBV2 | 2301   | 1934    | 0.11%  | 0.006% |
| 74 | 20.739 | 3014 | 3018 | 3022 | rBV5 | 11612  | 18161   | 1.02%  | 0.059% |
| 75 | 20.792 | 3024 | 3027 | 3031 | rVV  | 22375  | 30535   | 1.71%  | 0.099% |
| 76 | 20.992 | 3056 | 3061 | 3070 | rBV  | 527918 | 765033  | 42.82% | 2.490% |
| 77 | 21.116 | 3079 | 3082 | 3084 | rBV2 | 17543  | 17526   | 0.98%  | 0.057% |
| 78 | 21.410 | 3130 | 3132 | 3135 | rBV2 | 16160  | 11511   | 0.64%  | 0.037% |
| 79 | 22.951 | 3387 | 3394 | 3407 | rBV  | 920883 | 1584496 | 88.69% | 5.158% |
| 80 | 23.080 | 3409 | 3416 | 3424 | rBV  | 384030 | 738322  | 41.33% | 2.403% |
| 81 | 24.792 | 3705 | 3707 | 3708 | rBV  | 31331  | 21200   | 1.19%  | 0.069% |
| 82 | 25.527 | 3830 | 3832 | 3835 | rBV3 | 45314  | 65697   | 3.68%  | 0.214% |
| 83 | 25.892 | 3892 | 3894 | 3896 | rBV2 | 36965  | 40337   | 2.26%  | 0.131% |
| 84 | 26.145 | 3936 | 3937 | 3941 | rBV2 | 26170  | 29681   | 1.66%  | 0.097% |
| 85 | 26.227 | 3950 | 3951 | 3957 | rBV3 | 28052  | 21051   | 1.18%  | 0.069% |
| 86 | 26.686 | 4026 | 4029 | 4032 | rBV3 | 48855  | 84213   | 4.71%  | 0.274% |

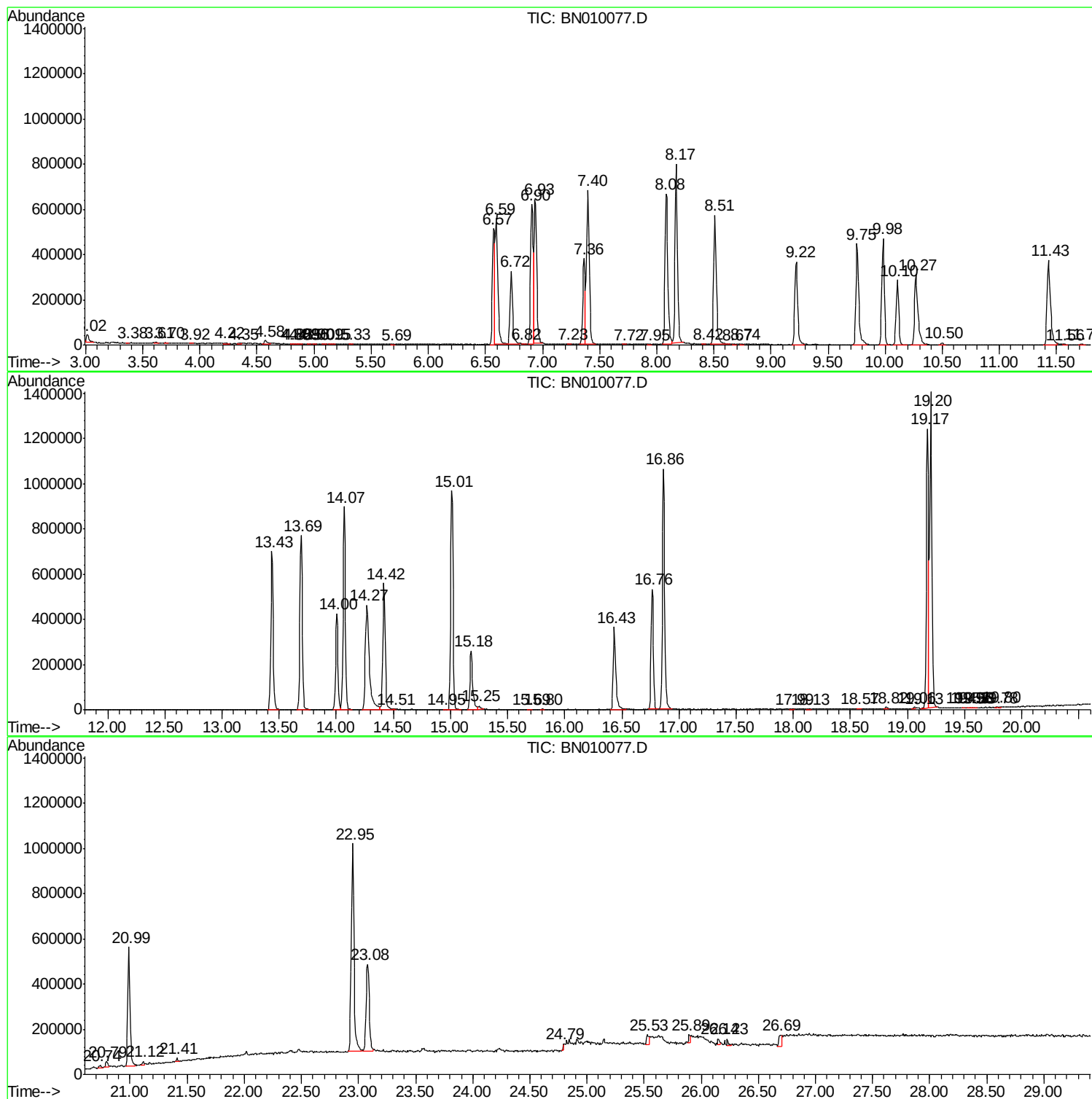
Sum of corrected areas: 30719453

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN021220MA.M  
Quant Title : SVOA CALIBRATION

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



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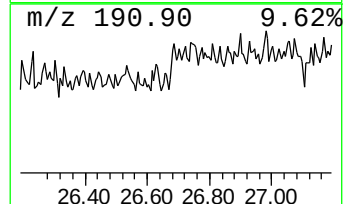
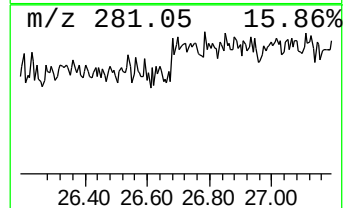
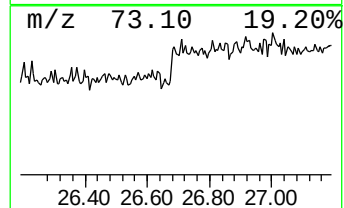
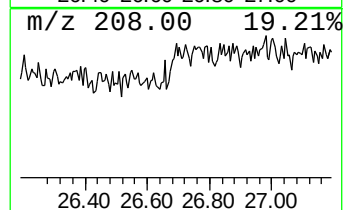
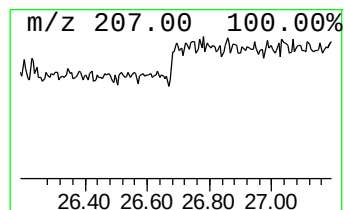
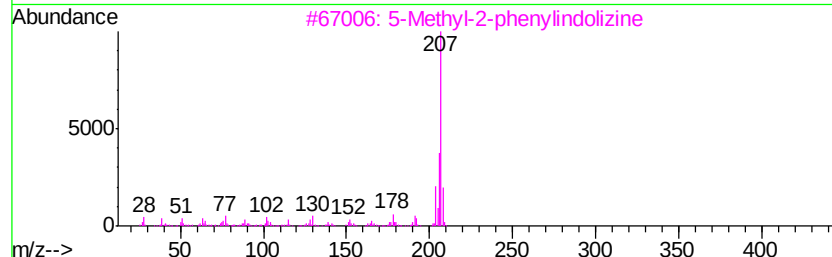
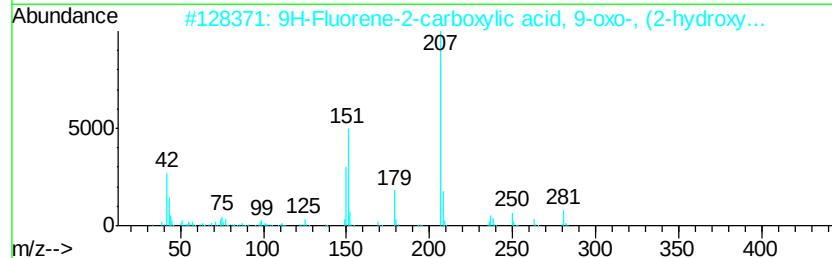
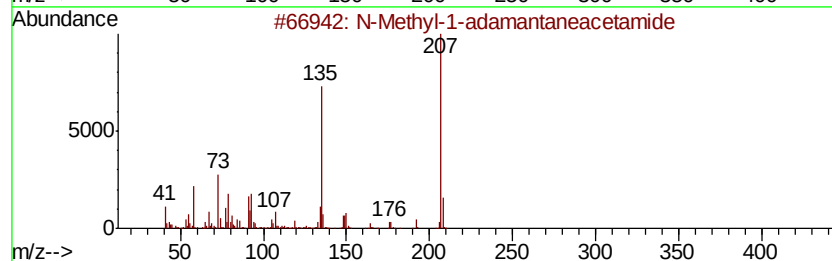
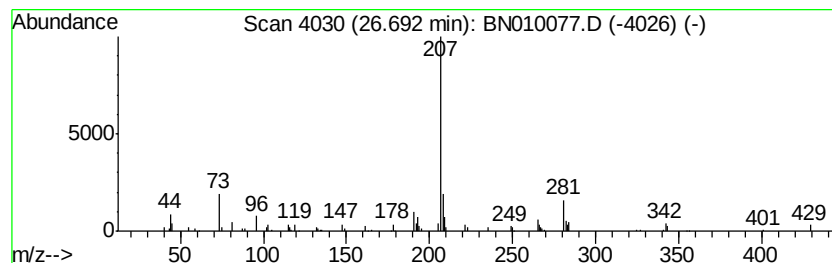
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 2 N-Methyl-1-adamantaneacetamide Concentration Rank 2

| R.T.  | EstConc    | Area  | Relative to ISTD | R.T.  |
|-------|------------|-------|------------------|-------|
| 26.69 | 2.28 ng/ul | 84213 | Perylene-d12     | 23.08 |

| Hit# | of | Tentative ID                                         | MW  | MolForm   | CAS#         | Qual |
|------|----|------------------------------------------------------|-----|-----------|--------------|------|
| 1    | 5  | N-Methyl-1-adamantaneacetamide                       | 207 | C13H21NO  | 031897-93-5  | 53   |
| 2    |    | 9H-Fluorene-2-carboxylic acid, 9-oxo-, (2-hydroxy... | 281 | C17H15NO3 | 1000316-02-1 | 50   |
| 3    |    | 5-Methyl-2-phenylindolizine                          | 207 | C15H13N   | 036944-99-7  | 47   |
| 4    |    | 2-Methyl-7-phenylindole                              | 207 | C15H13N   | 001140-08-5  | 47   |
| 5    |    | 2-Ethylacridine                                      | 207 | C15H13N   | 055751-83-2  | 47   |



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| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                      |       |         |       |          | #                     | RT    | Resp   | Conc |
| N-Methyl-1-adaman... | 26.69 | 2.3     | ng/ul | 84213    | 6                     | 23.08 | 738322 | 20.0 |