

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM012317\  
 Data File : BM008817.D  
 Acq On : 24 Jan 2017 00:31  
 Operator : UM/SJ  
 Sample : I1323-14  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DA9S1

## Integration Parameters: LSCINT.P

Integrator: RTE  
 Smoothing : OFF  
 Sampling : 1  
 Start Thrs: 0.2  
 Stop Thrs : 0

Filtering: 5  
 Min Area: 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:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-BM012317.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         | 7.087       | 759           | 765         | 771          | rVB4     | 79181          | 124217        | 4.51%           | 0.518%        |
| 2         | 7.263       | 788           | 795         | 804          | rBV      | 233720         | 368410        | 13.38%          | 1.536%        |
| 3         | 7.463       | 823           | 829         | 836          | rVB      | 309790         | 485360        | 17.63%          | 2.024%        |
| 4         | 7.939       | 903           | 910         | 916          | rBV      | 354898         | 580007        | 21.07%          | 2.418%        |
| 5         | 8.628       | 1022          | 1027        | 1036         | rBV      | 213934         | 338902        | 12.31%          | 1.413%        |
| 6         | 9.098       | 1101          | 1107        | 1119         | rVB      | 405431         | 688932        | 25.03%          | 2.872%        |
| 7         | 9.716       | 1207          | 1212        | 1218         | rVB3     | 32605          | 53502         | 1.94%           | 0.223%        |
| 8         | 9.822       | 1222          | 1230        | 1236         | rBV      | 371733         | 624486        | 22.69%          | 2.604%        |
| 9         | 9.869       | 1236          | 1238        | 1244         | rVB2     | 26367          | 32040         | 1.16%           | 0.134%        |
| 10        | 10.351      | 1313          | 1320        | 1327         | rBV2     | 466844         | 764500        | 27.78%          | 3.187%        |
| 11        | 10.739      | 1379          | 1386        | 1393         | rBV      | 420744         | 734295        | 26.68%          | 3.062%        |
| 12        | 10.880      | 1404          | 1410        | 1422         | rVB5     | 26745          | 60693         | 2.21%           | 0.253%        |
| 13        | 11.098      | 1438          | 1447        | 1453         | rVB      | 77812          | 119396        | 4.34%           | 0.498%        |
| 14        | 13.574      | 1863          | 1868        | 1872         | rBV6     | 21711          | 35422         | 1.29%           | 0.148%        |
| 15        | 13.980      | 1931          | 1937        | 1942         | rBV      | 889208         | 1228947       | 44.65%          | 5.124%        |
| 16        | 14.268      | 1979          | 1986        | 1994         | rVB      | 822140         | 1186269       | 43.10%          | 4.946%        |
| 17        | 14.574      | 2029          | 2038        | 2044         | rBV      | 647964         | 988479        | 35.91%          | 4.121%        |
| 18        | 14.751      | 2063          | 2068        | 2074         | rBV3     | 63987          | 110767        | 4.02%           | 0.462%        |
| 19        | 14.927      | 2093          | 2098        | 2102         | rBV5     | 34497          | 44717         | 1.62%           | 0.186%        |
| 20        | 15.063      | 2117          | 2121        | 2125         | rBV4     | 45700          | 60862         | 2.21%           | 0.254%        |
| 21        | 15.180      | 2137          | 2141        | 2146         | rBV6     | 23251          | 32929         | 1.20%           | 0.137%        |
| 22        | 15.274      | 2153          | 2157        | 2159         | rBV3     | 18564          | 29157         | 1.06%           | 0.122%        |
| 23        | 15.292      | 2159          | 2160        | 2166         | rVB4     | 30919          | 34364         | 1.25%           | 0.143%        |
| 24        | 15.562      | 2199          | 2206        | 2213         | rBV      | 1091967        | 1595254       | 57.96%          | 6.651%        |
| 25        | 15.674      | 2215          | 2225        | 2232         | rBV2     | 356542         | 516848        | 18.78%          | 2.155%        |
| 26        | 15.768      | 2232          | 2241        | 2243         | rVV9     | 19293          | 34211         | 1.24%           | 0.143%        |
| 27        | 15.798      | 2243          | 2246        | 2252         | rVV6     | 19040          | 36113         | 1.31%           | 0.151%        |
| 28        | 15.874      | 2256          | 2259        | 2263         | rBV5     | 23547          | 30435         | 1.11%           | 0.127%        |
| 29        | 16.021      | 2278          | 2284        | 2287         | rBV6     | 18341          | 30407         | 1.10%           | 0.127%        |
| 30        | 16.262      | 2318          | 2325        | 2330         | rVB7     | 41262          | 68092         | 2.47%           | 0.284%        |
| 31        | 16.962      | 2437          | 2444        | 2453         | rBV4     | 159805         | 254002        | 9.23%           | 1.059%        |
| 32        | 17.115      | 2467          | 2470        | 2475         | rVB6     | 28779          | 46439         | 1.69%           | 0.194%        |
| 33        | 17.321      | 2497          | 2505        | 2511         | rVB      | 938788         | 1381536       | 50.19%          | 5.760%        |
| 34        | 17.415      | 2511          | 2521        | 2528         | rBV2     | 1501966        | 2144730       | 77.92%          | 8.942%        |

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Integrator: RTE  
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Stop Thrs : 0  
Filtering: 5  
Min Area: 1 % of largest Peak  
Max Peaks: 100  
Peak Location: TOP

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

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|    |        |      |      |      |      |         |         |         |         |
|----|--------|------|------|------|------|---------|---------|---------|---------|
| 35 | 18.186 | 2648 | 2652 | 2655 | rBV3 | 28730   | 37048   | 1.35%   | 0.154%  |
| 36 | 18.668 | 2730 | 2734 | 2738 | rVB6 | 22753   | 30095   | 1.09%   | 0.125%  |
| 37 | 19.180 | 2817 | 2821 | 2826 | rBV8 | 21183   | 36440   | 1.32%   | 0.152%  |
| 38 | 19.233 | 2826 | 2830 | 2834 | rVV7 | 16818   | 28032   | 1.02%   | 0.117%  |
| 39 | 19.333 | 2843 | 2847 | 2850 | rBV5 | 26729   | 46442   | 1.69%   | 0.194%  |
| 40 | 19.462 | 2865 | 2869 | 2873 | rBV5 | 51685   | 56707   | 2.06%   | 0.236%  |
| 41 | 19.509 | 2873 | 2877 | 2882 | rVV3 | 100583  | 134914  | 4.90%   | 0.562%  |
| 42 | 19.703 | 2904 | 2910 | 2918 | rBV  | 2050490 | 2752456 | 100.00% | 11.476% |
| 43 | 20.162 | 2985 | 2988 | 2990 | rBV4 | 33407   | 39679   | 1.44%   | 0.165%  |
| 44 | 21.486 | 3208 | 3213 | 3221 | rBV  | 1593808 | 1936657 | 70.36%  | 8.075%  |
| 45 | 21.603 | 3230 | 3233 | 3239 | rBV5 | 77349   | 110181  | 4.00%   | 0.459%  |
| 46 | 23.697 | 3583 | 3589 | 3596 | rVB2 | 1237728 | 2347119 | 85.27%  | 9.786%  |
| 47 | 23.850 | 3608 | 3615 | 3623 | rVB  | 792661  | 1564266 | 56.83%  | 6.522%  |

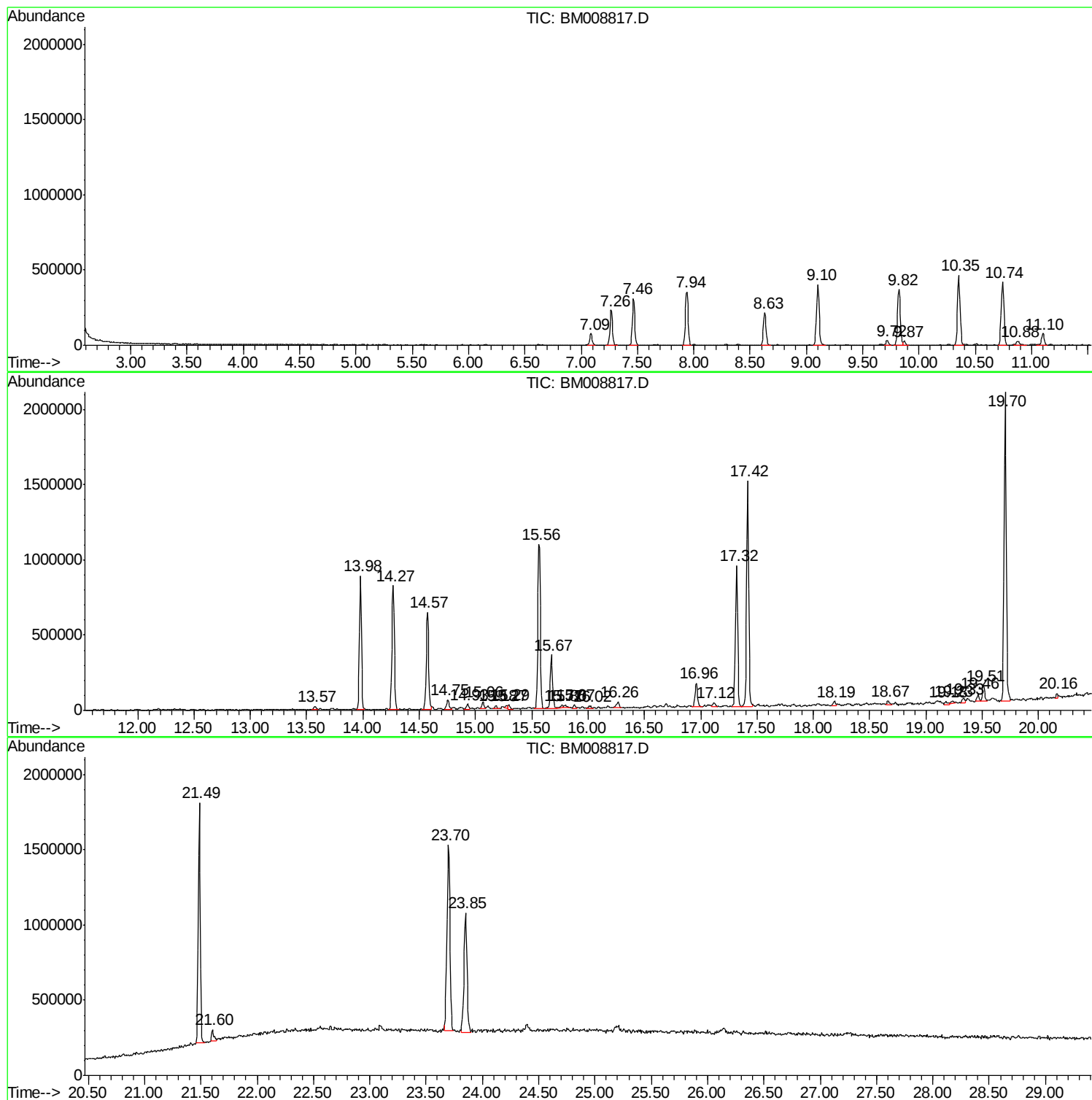
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Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-BM012317.M  
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TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P



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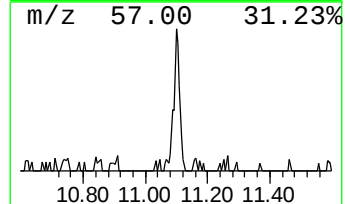
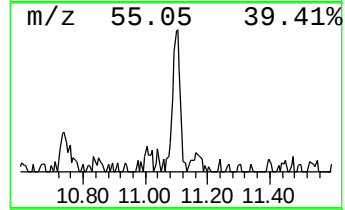
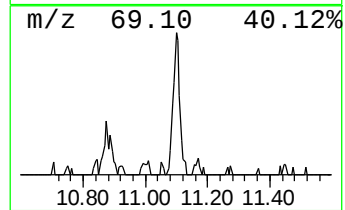
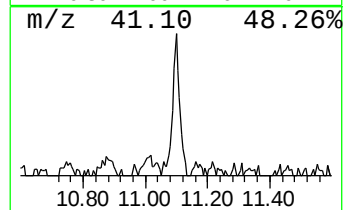
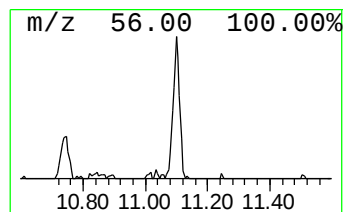
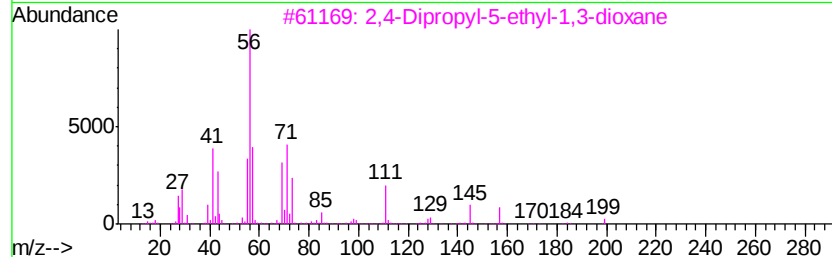
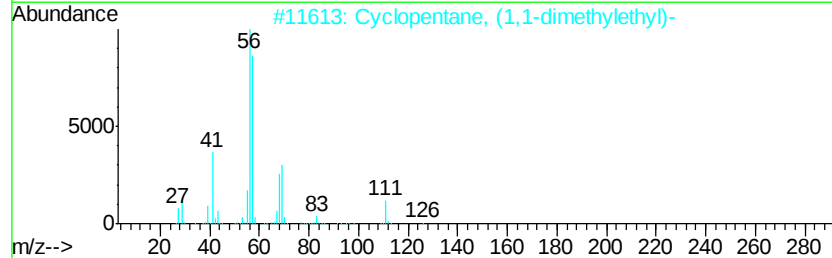
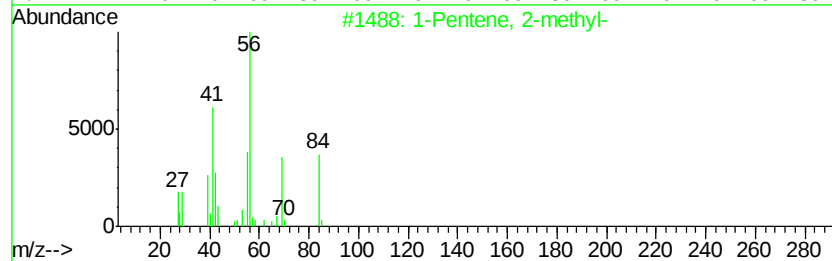
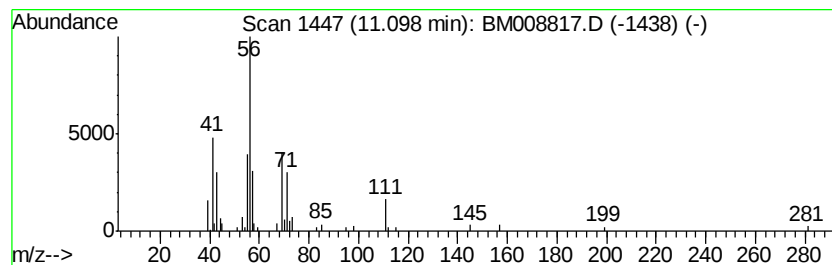
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 (DEL) Alkane: Cyclic11.10 Concentration Rank 1

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 11.10 | 3.25 ng/ul | 119396 | Naphthalene-d8   | 10.75 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | 1-Pentene, 2-methyl-                | 84  | C6H12    | 000763-29-1 | 50   |
| 2    |    |   | Cyclopentane, (1,1-dimethylethyl)-  | 126 | C9H18    | 003875-52-3 | 42   |
| 3    |    |   | 2,4-Dipropyl-5-ethyl-1,3-dioxane    | 200 | C12H24O2 | 006413-83-8 | 40   |
| 4    |    |   | Cyclopentanone, 2,2,5,5-tetramet... | 140 | C9H16O   | 004541-35-9 | 38   |
| 5    |    |   | 3-Undecene, 7-methyl-, (E)-         | 168 | C12H24   | 074630-53-8 | 38   |



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| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                      |       |         |       |          | #                     | RT    | Resp   | Conc |
| (DEL) Alkane: Cyc... | 11.10 | 3.3     | ng/ul | 119396   | 2                     | 10.75 | 734295 | 20.0 |