

Data Path : Z:\HPCHEM1\BNA M\DATA\BM043016\  
 Data File : BM005166.D  
 Acq On : 30 Apr 2016 09:40  
 Operator : UM/SJ  
 Sample : H2729-01  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BD3C9

## 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-BM042516.M  
 Title : SVOA CALIBRATION

Signal : TIC

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|--------|----------|------------|----------|-----------|-------|-------------|------------|--------------|------------|
| 1      | 2.752    | 7          | 11       | 21        | rVB   | 36267       | 51941      | 6.14%        | 0.571%     |
| 2      | 2.881    | 30         | 33       | 39        | rVB   | 9835        | 11756      | 1.39%        | 0.129%     |
| 3      | 2.940    | 40         | 43       | 49        | rVB   | 6119        | 8508       | 1.01%        | 0.094%     |
| 4      | 3.028    | 54         | 58       | 65        | rVV   | 60021       | 75657      | 8.95%        | 0.832%     |
| 5      | 6.957    | 720        | 726      | 737       | rBB   | 97701       | 158186     | 18.71%       | 1.739%     |
| 6      | 7.122    | 748        | 754      | 763       | rBB   | 86658       | 132565     | 15.68%       | 1.458%     |
| 7      | 7.322    | 782        | 788      | 795       | rBV   | 101671      | 162708     | 19.25%       | 1.789%     |
| 8      | 7.787    | 860        | 867      | 875       | rBB   | 141300      | 221249     | 26.17%       | 2.433%     |
| 9      | 8.487    | 981        | 986      | 997       | rVB   | 122696      | 197071     | 23.31%       | 2.167%     |
| 10     | 8.939    | 1058       | 1063     | 1072      | rBV   | 98527       | 161004     | 19.05%       | 1.770%     |
| 11     | 9.663    | 1180       | 1186     | 1193      | rBB   | 75406       | 117360     | 13.88%       | 1.290%     |
| 12     | 10.198   | 1271       | 1277     | 1287      | rBB   | 129024      | 216998     | 25.67%       | 2.386%     |
| 13     | 10.575   | 1334       | 1341     | 1348      | rBV   | 217103      | 360724     | 42.67%       | 3.966%     |
| 14     | 10.710   | 1358       | 1364     | 1380      | rBV   | 114589      | 201680     | 23.86%       | 2.217%     |
| 15     | 13.833   | 1889       | 1895     | 1899      | rBV   | 265433      | 359647     | 42.54%       | 3.954%     |
| 16     | 13.880   | 1899       | 1903     | 1909      | rVB   | 67962       | 88260      | 10.44%       | 0.970%     |
| 17     | 14.116   | 1937       | 1943     | 1955      | rBB   | 294742      | 438800     | 51.91%       | 4.825%     |
| 18     | 14.427   | 1990       | 1996     | 2003      | rBB2  | 344220      | 514284     | 60.84%       | 5.654%     |
| 19     | 14.633   | 2026       | 2031     | 2046      | rBV   | 58913       | 100584     | 11.90%       | 1.106%     |
| 20     | 15.274   | 2134       | 2140     | 2144      | rVB2  | 16495       | 19415      | 2.30%        | 0.213%     |
| 21     | 15.421   | 2159       | 2165     | 2172      | rBB   | 398733      | 569069     | 67.32%       | 6.257%     |
| 22     | 15.545   | 2181       | 2186     | 2191      | rBV   | 70404       | 89404      | 10.58%       | 0.983%     |
| 23     | 16.133   | 2282       | 2286     | 2289      | rBV   | 23052       | 29158      | 3.45%        | 0.321%     |
| 24     | 16.927   | 2417       | 2421     | 2424      | rBV   | 13597       | 15681      | 1.85%        | 0.172%     |
| 25     | 17.174   | 2457       | 2463     | 2468      | rBV   | 442386      | 637020     | 75.36%       | 7.004%     |
| 26     | 17.215   | 2468       | 2470     | 2474      | rVV   | 15223       | 17029      | 2.01%        | 0.187%     |
| 27     | 17.274   | 2474       | 2480     | 2492      | rVB   | 431329      | 618161     | 73.13%       | 6.797%     |
| 28     | 18.062   | 2609       | 2614     | 2618      | rBV2  | 18339       | 24568      | 2.91%        | 0.270%     |
| 29     | 19.233   | 2809       | 2813     | 2820      | rVB   | 54088       | 67637      | 8.00%        | 0.744%     |
| 30     | 19.568   | 2864       | 2870     | 2881      | rBV   | 542428      | 820000     | 97.00%       | 9.016%     |
| 31     | 20.103   | 2956       | 2961     | 2966      | rVB2  | 11785       | 19957      | 2.36%        | 0.219%     |
| 32     | 20.603   | 3041       | 3046     | 3051      | rBV   | 11424       | 15450      | 1.83%        | 0.170%     |
| 33     | 21.068   | 3119       | 3125     | 3142      | rBV4  | 78270       | 152817     | 18.08%       | 1.680%     |
| 34     | 21.274   | 3157       | 3160     | 3164      | rVB   | 25154       | 25068      | 2.97%        | 0.276%     |

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|    |        |      |      |      |      |        |        |         |        |
|----|--------|------|------|------|------|--------|--------|---------|--------|
| 35 | 21.368 | 3169 | 3176 | 3180 | rVV  | 625261 | 845347 | 100.00% | 9.294% |
| 36 | 21.403 | 3180 | 3182 | 3189 | rVB  | 30474  | 32115  | 3.80%   | 0.353% |
| 37 | 21.509 | 3197 | 3200 | 3207 | rVB4 | 10714  | 16477  | 1.95%   | 0.181% |
| 38 | 21.950 | 3272 | 3275 | 3278 | rBV2 | 8118   | 8844   | 1.05%   | 0.097% |
| 39 | 22.415 | 3351 | 3354 | 3361 | rVB  | 12051  | 16020  | 1.90%   | 0.176% |
| 40 | 22.550 | 3372 | 3377 | 3382 | rVB  | 42600  | 54340  | 6.43%   | 0.597% |
| 41 | 22.933 | 3438 | 3442 | 3444 | rBV  | 16796  | 25502  | 3.02%   | 0.280% |
| 42 | 23.456 | 3527 | 3531 | 3532 | rBV2 | 6931   | 10153  | 1.20%   | 0.112% |
| 43 | 23.503 | 3532 | 3539 | 3545 | rBV2 | 332510 | 623116 | 73.71%  | 6.851% |
| 44 | 23.650 | 3556 | 3564 | 3582 | rVB2 | 351821 | 690931 | 81.73%  | 7.597% |
| 45 | 24.162 | 3646 | 3651 | 3658 | rVB  | 22770  | 44399  | 5.25%   | 0.488% |
| 46 | 24.915 | 3776 | 3779 | 3788 | rVB2 | 14003  | 28487  | 3.37%   | 0.313% |

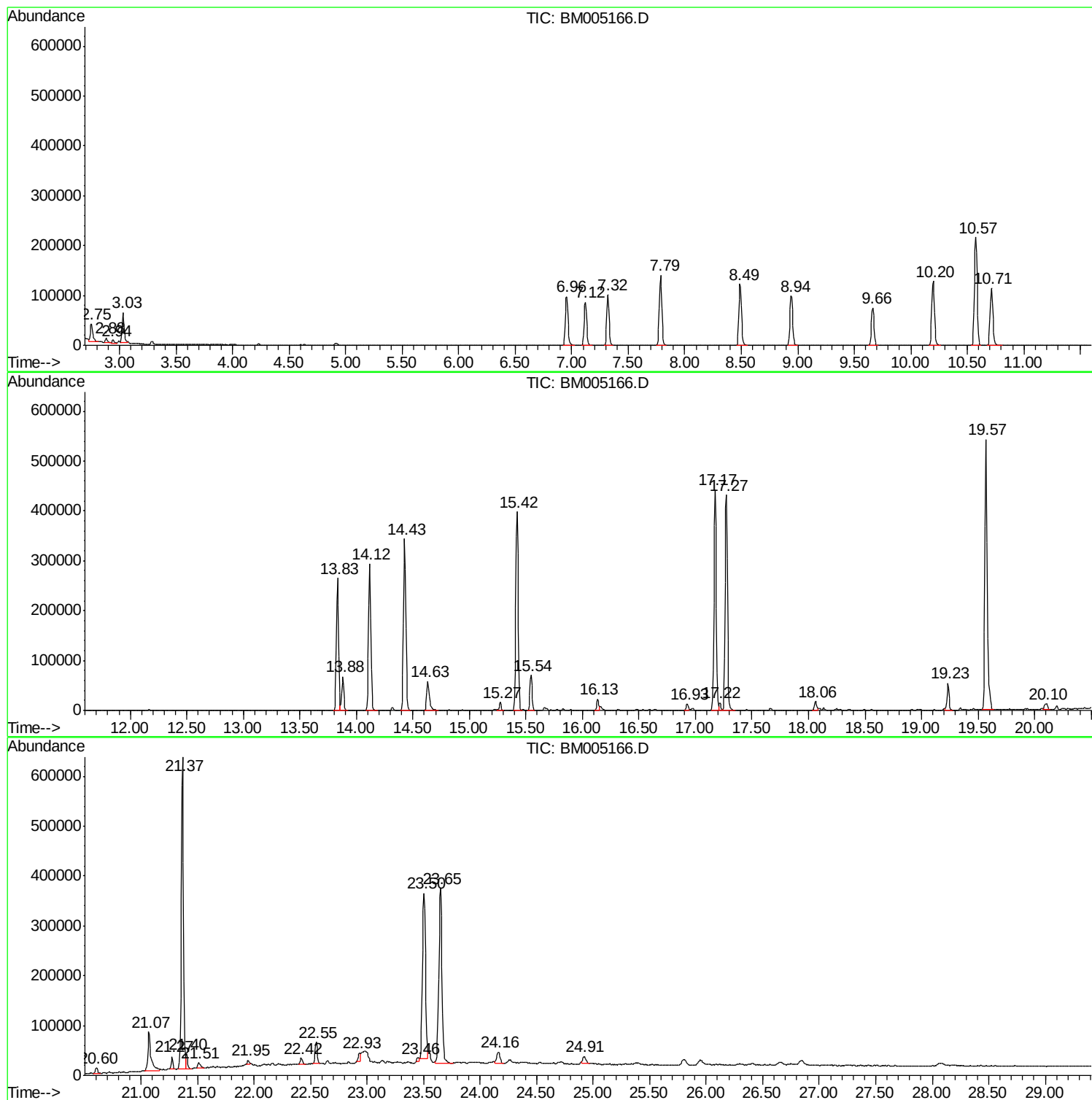
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM042516.M  
Quant Title : SVOA CALIBRATION

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



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Instrument :  
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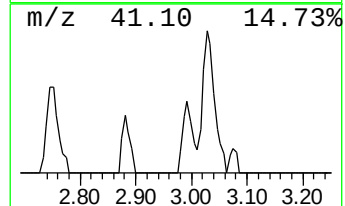
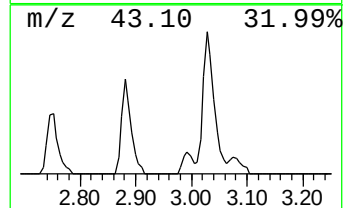
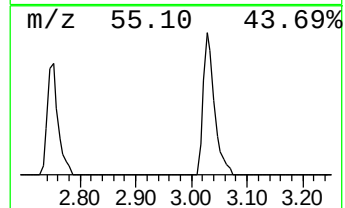
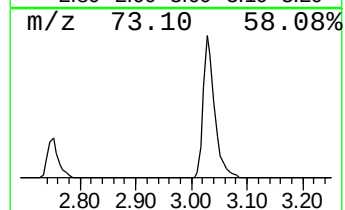
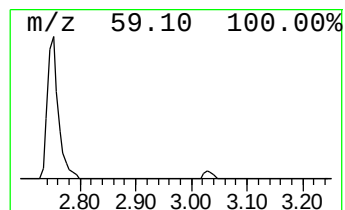
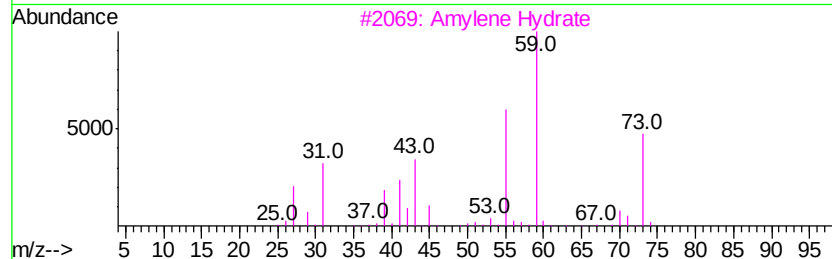
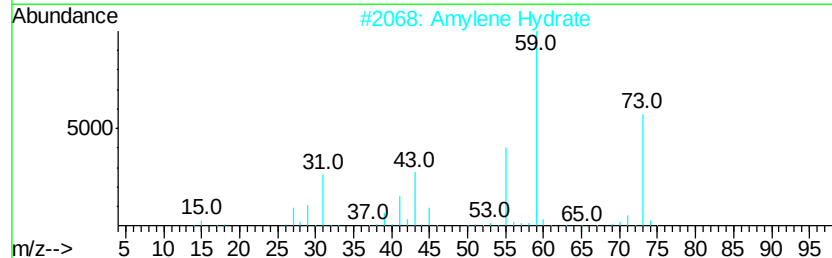
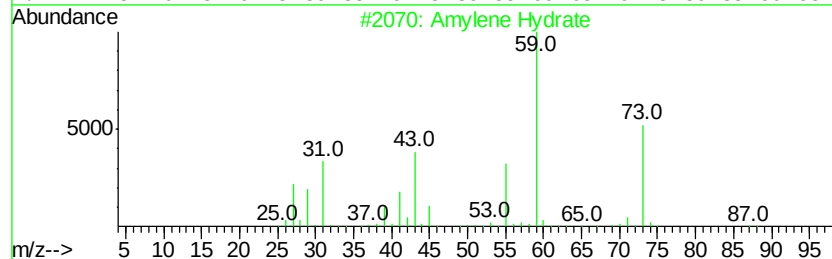
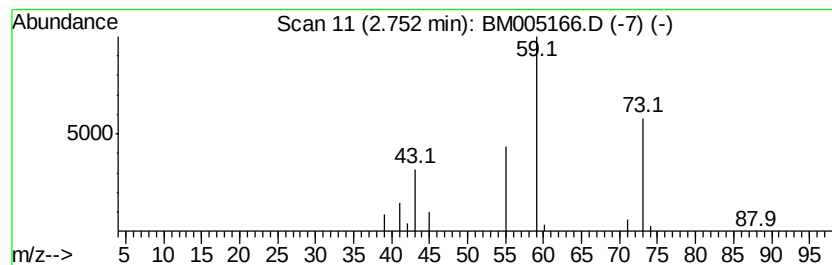
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM042516.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 1 Amylene Hydrate Concentration Rank 2

| R.T. | EstConc    | Area  | Relative to ISTD       | R.T. |
|------|------------|-------|------------------------|------|
| 2.75 | 4.70 ng/ul | 51941 | 1,4-Dichlorobenzene-d4 | 7.79 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Amylene Hydrate                     | 88  | C5H12O  | 000075-85-4 | 83   |
| 2    |    |   | Amylene Hydrate                     | 88  | C5H12O  | 000075-85-4 | 83   |
| 3    |    |   | Amylene Hydrate                     | 88  | C5H12O  | 000075-85-4 | 83   |
| 4    |    |   | 3-Pentanol, 2-methyl-               | 102 | C6H14O  | 000565-67-3 | 43   |
| 5    |    |   | Propanoic acid, 2-hydroxy-2-methyl- | 104 | C4H8O3  | 000594-61-6 | 36   |



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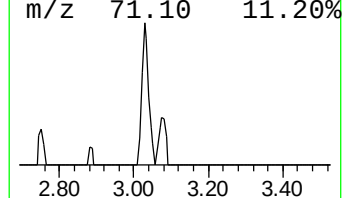
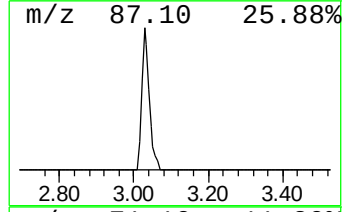
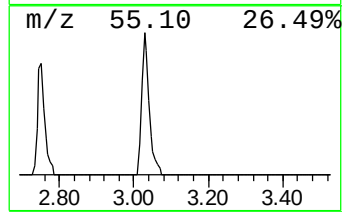
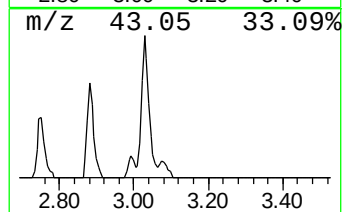
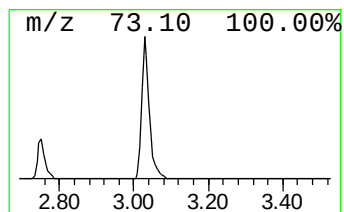
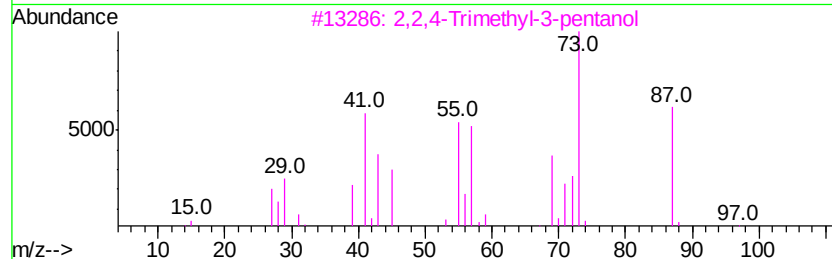
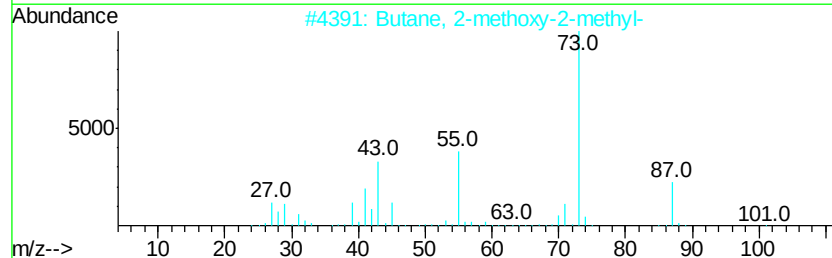
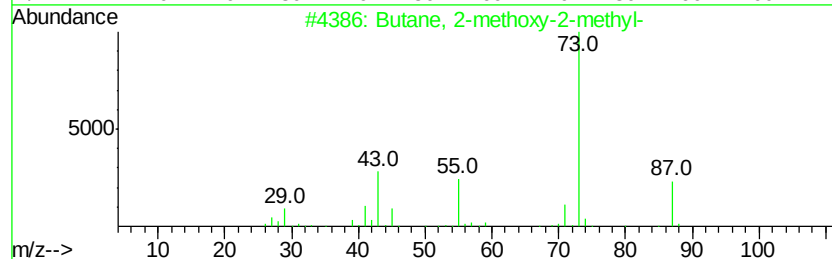
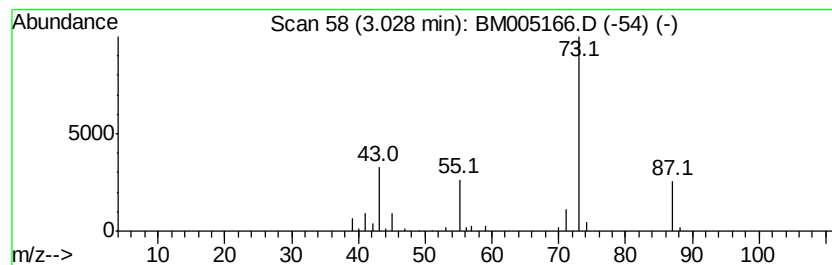
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 1

| R.T. | EstConc    | Area  | Relative to ISTD       | R.T. |
|------|------------|-------|------------------------|------|
| 3.03 | 6.84 ng/ul | 75657 | 1,4-Dichlorobenzene-d4 | 7.79 |

| Hit# | of | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|-----------------------------|-----|---------|-------------|------|
| 1    | 5  | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 86   |
| 2    |    | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 45   |
| 3    |    | 2,2,4-Trimethyl-3-pentanol  | 130 | C8H18O  | 005162-48-1 | 40   |
| 4    |    | Pentane, 3-methoxy-         | 102 | C6H14O  | 036839-67-5 | 17   |
| 5    |    | Acetamide, N-ethyl-         | 87  | C4H9NO  | 000625-50-3 | 12   |



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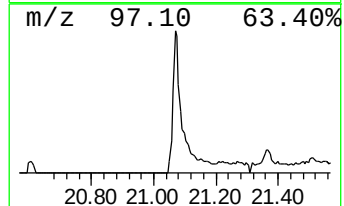
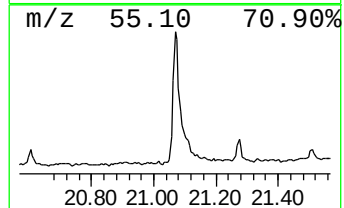
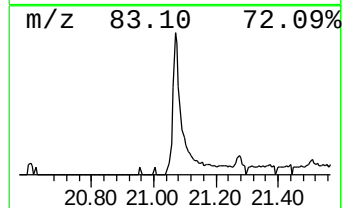
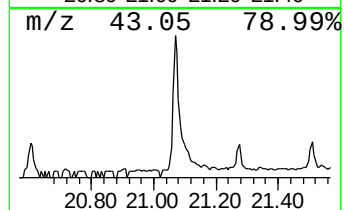
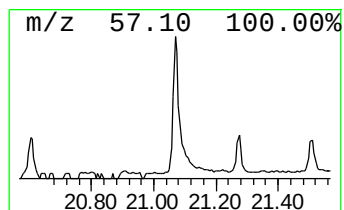
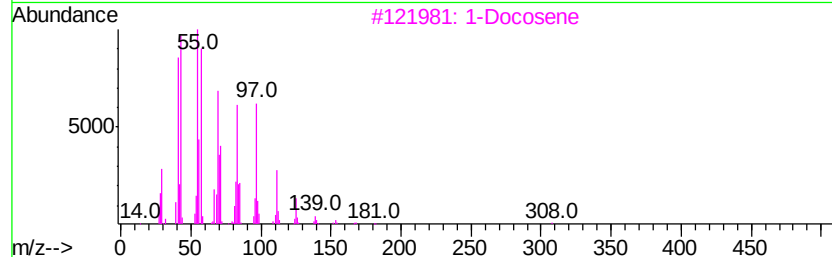
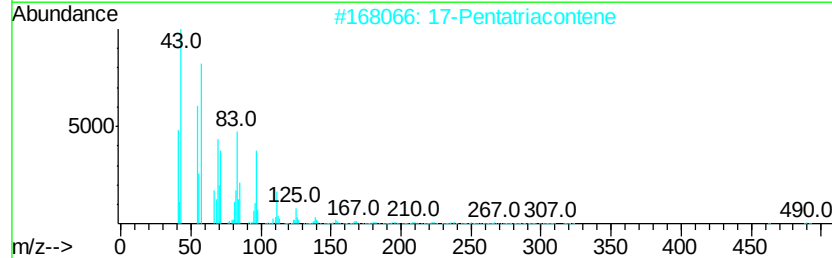
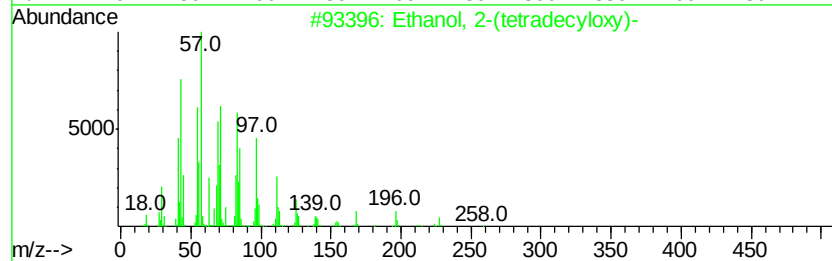
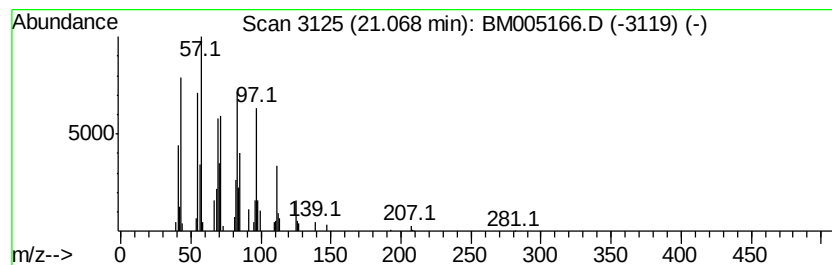
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 3 Ethanol, 2-(tetradecyloxy)- Concentration Rank 3

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 21.07 | 3.62 ng/ul | 152817 | Chrysene-d12     | 21.37 |

| Hit# | of | Tentative ID                        | MW  | MolForm     | CAS#         | Qual |
|------|----|-------------------------------------|-----|-------------|--------------|------|
| 1    | 5  | Ethanol, 2-(tetradecyloxy)-         | 258 | C16H34O2    | 002136-70-1  | 91   |
| 2    |    | 17-Pentatriacontene                 | 491 | C35H70      | 006971-40-0  | 91   |
| 3    |    | 1-Docosene                          | 308 | C22H44      | 001599-67-3  | 81   |
| 4    |    | Dichloroacetic acid, heptadecyl ... | 366 | C19H36Cl2O2 | 1000282-98-2 | 81   |
| 5    |    | 1-Nonadecene                        | 266 | C19H38      | 018435-45-5  | 76   |



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| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                      |       |         |       |          | #                     | RT    | Resp   | Conc |
| Amylene Hydrate      | 2.75  | 4.7     | ng/ul | 51941    | 1                     | 7.79  | 221249 | 20.0 |
| Butane, 2-methoxy... | 3.03  | 6.8     | ng/ul | 75657    | 1                     | 7.79  | 221249 | 20.0 |
| Ethanol, 2-(tetra... | 21.07 | 3.6     | ng/ul | 152817   | 5                     | 21.37 | 845347 | 20.0 |