

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF063017\  
 Data File : BF096349.D  
 Acq On : 30 Jun 2017 21:16  
 Operator : SJ/MA  
 Sample : I3908-03 5X  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 G-57-0-1.5

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-BF062717.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         | 4.304       | 374           | 377         | 383          | rVB      | 67527          | 79316         | 6.00%           | 0.762%        |
| 2         | 4.940       | 481           | 485         | 493          | rVB      | 225221         | 240422        | 18.19%          | 2.309%        |
| 3         | 5.363       | 553           | 557         | 560          | rVB      | 303123         | 288870        | 21.86%          | 2.774%        |
| 4         | 6.381       | 726           | 730         | 739          | rVB      | 456378         | 377520        | 28.57%          | 3.626%        |
| 5         | 6.522       | 750           | 754         | 758          | rBV      | 398236         | 328670        | 24.87%          | 3.157%        |
| 6         | 6.757       | 790           | 794         | 798          | rBV      | 1183971        | 988866        | 74.83%          | 9.498%        |
| 7         | 6.916       | 817           | 821         | 824          | rVB      | 305466         | 277907        | 21.03%          | 2.669%        |
| 8         | 7.310       | 881           | 888         | 891          | rBV      | 268611         | 222786        | 16.86%          | 2.140%        |
| 9         | 8.039       | 1007          | 1012        | 1015         | rBV      | 1562524        | 1321511       | 100.00%         | 12.692%       |
| 10        | 8.480       | 1083          | 1087        | 1091         | rBV2     | 16527          | 19457         | 1.47%           | 0.187%        |
| 11        | 8.645       | 1111          | 1115        | 1117         | rBV      | 18689          | 15762         | 1.19%           | 0.151%        |
| 12        | 8.751       | 1130          | 1133        | 1137         | rVB      | 41318          | 34631         | 2.62%           | 0.333%        |
| 13        | 8.851       | 1147          | 1150        | 1154         | rVB      | 25270          | 19360         | 1.46%           | 0.186%        |
| 14        | 9.116       | 1190          | 1195        | 1198         | rBV      | 469614         | 368185        | 27.86%          | 3.536%        |
| 15        | 9.210       | 1205          | 1211        | 1215         | rBV2     | 30846          | 33861         | 2.56%           | 0.325%        |
| 16        | 9.375       | 1236          | 1239        | 1246         | rBV6     | 15664          | 23531         | 1.78%           | 0.226%        |
| 17        | 9.451       | 1250          | 1252        | 1255         | rBV      | 17289          | 17703         | 1.34%           | 0.170%        |
| 18        | 9.510       | 1259          | 1262        | 1264         | rBV      | 50112          | 47179         | 3.57%           | 0.453%        |
| 19        | 9.651       | 1283          | 1286        | 1288         | rBV      | 34148          | 24486         | 1.85%           | 0.235%        |
| 20        | 9.739       | 1298          | 1301        | 1305         | rVB      | 26667          | 23402         | 1.77%           | 0.225%        |
| 21        | 9.792       | 1305          | 1310        | 1314         | rBV2     | 1293779        | 1151391       | 87.13%          | 11.058%       |
| 22        | 9.998       | 1342          | 1345        | 1348         | rVB      | 39196          | 34303         | 2.60%           | 0.329%        |
| 23        | 10.204      | 1375          | 1380        | 1383         | rBV5     | 11046          | 18328         | 1.39%           | 0.176%        |
| 24        | 10.239      | 1383          | 1386        | 1388         | rVB2     | 24166          | 21209         | 1.60%           | 0.204%        |
| 25        | 10.333      | 1400          | 1402        | 1405         | rBV      | 18507          | 16765         | 1.27%           | 0.161%        |
| 26        | 10.457      | 1419          | 1423        | 1427         | rBV2     | 22959          | 24230         | 1.83%           | 0.233%        |
| 27        | 10.498      | 1427          | 1430        | 1435         | rVB4     | 11979          | 17042         | 1.29%           | 0.164%        |
| 28        | 10.574      | 1440          | 1443        | 1447         | rVV2     | 38648          | 36236         | 2.74%           | 0.348%        |
| 29        | 10.710      | 1462          | 1466        | 1467         | rBV3     | 34362          | 33241         | 2.52%           | 0.319%        |
| 30        | 10.722      | 1467          | 1468        | 1473         | rVB      | 38788          | 29953         | 2.27%           | 0.288%        |
| 31        | 11.074      | 1525          | 1528        | 1531         | rBV      | 18491          | 16156         | 1.22%           | 0.155%        |
| 32        | 11.157      | 1539          | 1542        | 1545         | rBV4     | 21278          | 22638         | 1.71%           | 0.217%        |
| 33        | 11.186      | 1545          | 1547        | 1551         | rVB3     | 19182          | 17189         | 1.30%           | 0.165%        |
| 34        | 11.274      | 1558          | 1562        | 1564         | rBV      | 920473         | 857674        | 64.90%          | 8.237%        |

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 Sampling : 1 Min Area: 3 % 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:\HPCHEM1\BNA\_F\METHODS\8270-BF062717.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|    |        |      |      |      |      |        |         |        |         |
|----|--------|------|------|------|------|--------|---------|--------|---------|
| 35 | 11.292 | 1564 | 1565 | 1569 | rVB  | 83215  | 63546   | 4.81%  | 0.610%  |
| 36 | 11.345 | 1569 | 1574 | 1577 | rBV  | 75434  | 67028   | 5.07%  | 0.644%  |
| 37 | 11.498 | 1596 | 1600 | 1603 | rBV2 | 17099  | 23017   | 1.74%  | 0.221%  |
| 38 | 11.580 | 1611 | 1614 | 1616 | rBV  | 21255  | 19515   | 1.48%  | 0.187%  |
| 39 | 11.804 | 1649 | 1652 | 1656 | rVB2 | 36094  | 31510   | 2.38%  | 0.303%  |
| 40 | 11.845 | 1656 | 1659 | 1662 | rVB2 | 15362  | 15917   | 1.20%  | 0.153%  |
| 41 | 11.886 | 1662 | 1666 | 1668 | rBV  | 32140  | 38703   | 2.93%  | 0.372%  |
| 42 | 11.986 | 1681 | 1683 | 1688 | rVB3 | 19525  | 21802   | 1.65%  | 0.209%  |
| 43 | 12.086 | 1698 | 1700 | 1705 | rVB6 | 20431  | 20788   | 1.57%  | 0.200%  |
| 44 | 12.321 | 1737 | 1740 | 1743 | rBV4 | 34533  | 37518   | 2.84%  | 0.360%  |
| 45 | 12.380 | 1747 | 1750 | 1752 | rVV3 | 28175  | 32362   | 2.45%  | 0.311%  |
| 46 | 12.404 | 1752 | 1754 | 1758 | rVB2 | 22916  | 25521   | 1.93%  | 0.245%  |
| 47 | 12.480 | 1763 | 1767 | 1771 | rVB  | 241020 | 207985  | 15.74% | 1.998%  |
| 48 | 12.704 | 1800 | 1805 | 1809 | rBV2 | 202564 | 243042  | 18.39% | 2.334%  |
| 49 | 12.851 | 1827 | 1830 | 1836 | rVB  | 319222 | 298007  | 22.55% | 2.862%  |
| 50 | 13.015 | 1855 | 1858 | 1859 | rBV3 | 25875  | 26248   | 1.99%  | 0.252%  |
| 51 | 13.104 | 1870 | 1873 | 1875 | rBV2 | 34562  | 36442   | 2.76%  | 0.350%  |
| 52 | 13.139 | 1876 | 1879 | 1882 | rVV4 | 38619  | 42997   | 3.25%  | 0.413%  |
| 53 | 13.904 | 2004 | 2009 | 2012 | rBV  | 989596 | 1050528 | 79.49% | 10.090% |
| 54 | 13.927 | 2012 | 2013 | 2015 | rVB  | 92992  | 43376   | 3.28%  | 0.417%  |
| 55 | 14.915 | 2178 | 2181 | 2191 | rVB  | 173623 | 319859  | 24.20% | 3.072%  |
| 56 | 15.321 | 2246 | 2250 | 2255 | rBV  | 526689 | 696334  | 52.69% | 6.688%  |

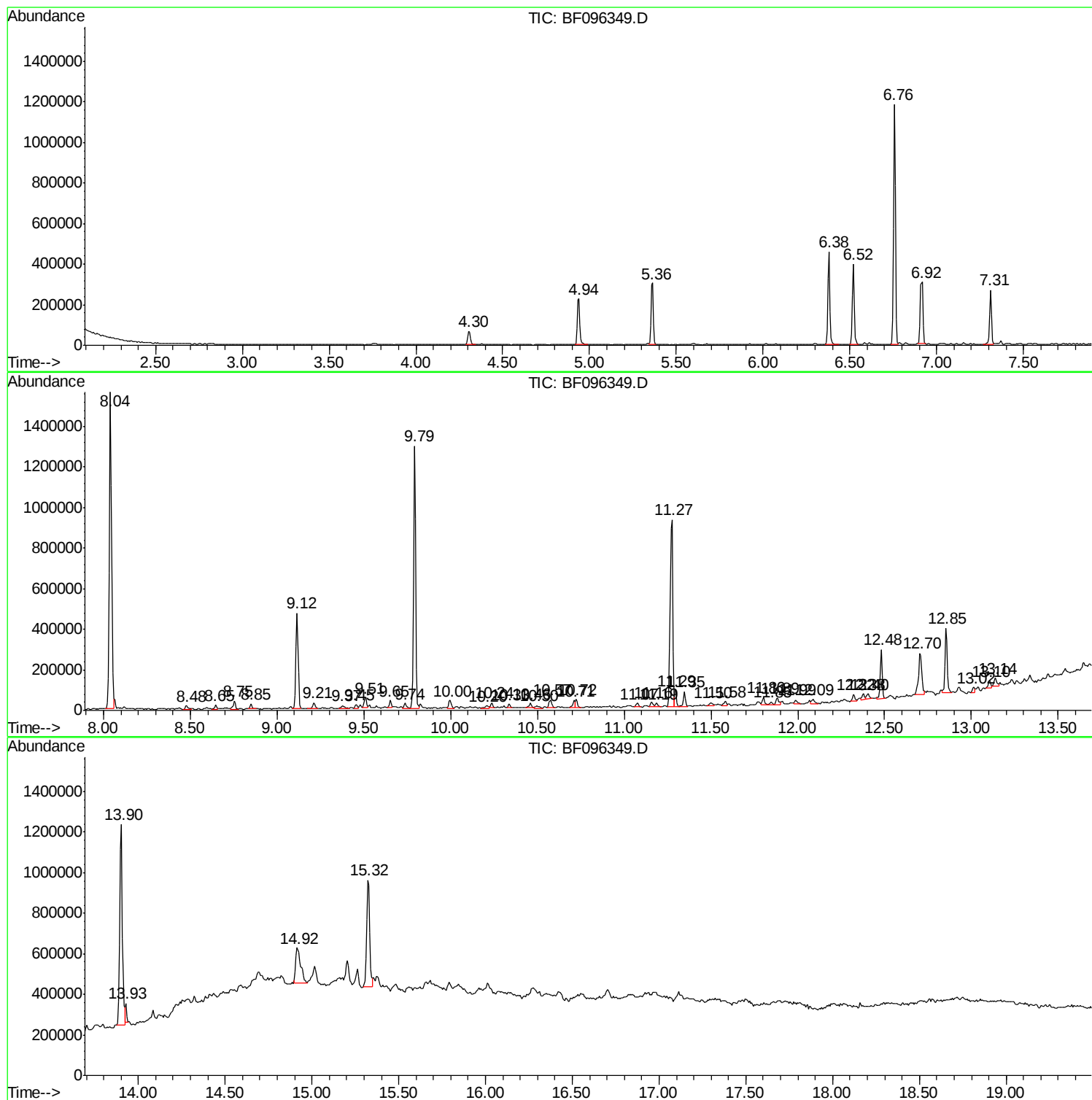
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF062717.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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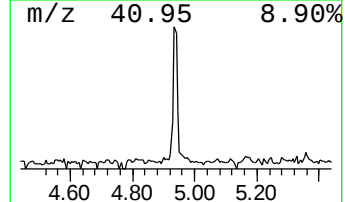
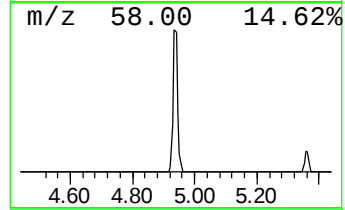
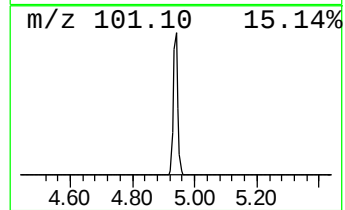
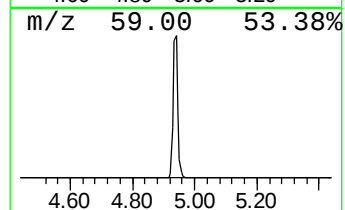
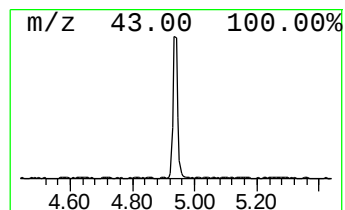
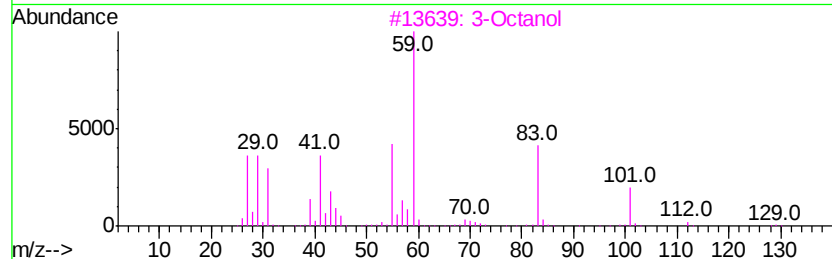
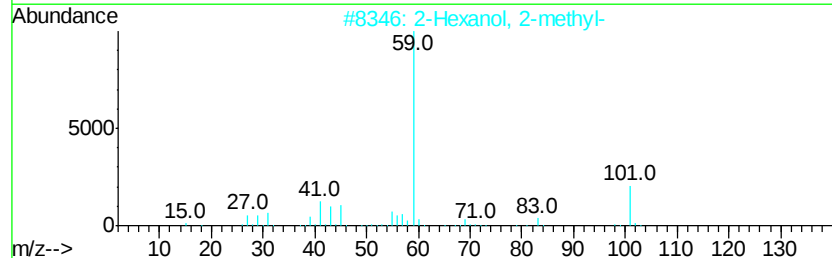
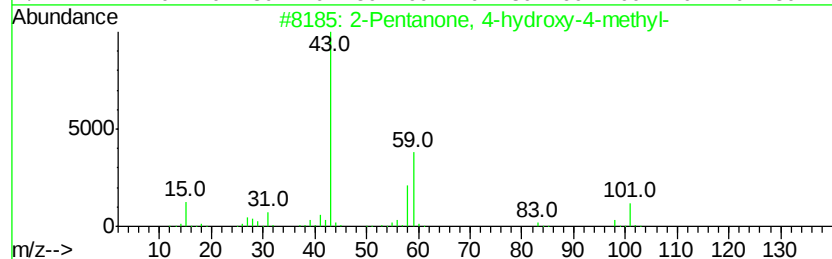
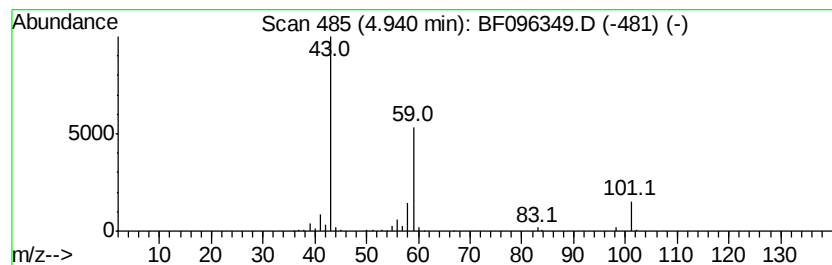
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

| R.T. | EstConc | Area   | Relative to ISTD       | R.T. |
|------|---------|--------|------------------------|------|
| 4.94 | 4.86 ng | 240422 | 1,4-Dichlorobenzene-d4 | 6.76 |

| Hit# of | 5                                   | Tentative ID | MW       | MolForm     | CAS# | Qual |
|---------|-------------------------------------|--------------|----------|-------------|------|------|
| 1       | 2-Pentanone, 4-hydroxy-4-methyl-    | 116          | C6H12O2  | 000123-42-2 | 53   |      |
| 2       | 2-Hexanol, 2-methyl-                | 116          | C7H16O   | 000625-23-0 | 33   |      |
| 3       | 3-Octanol                           | 130          | C8H18O   | 000589-98-0 | 33   |      |
| 4       | 3-Hexanol, 4-methyl-                | 116          | C7H16O   | 000615-29-2 | 28   |      |
| 5       | Acetic acid, cyano-, 1,1-dimethy... | 141          | C7H11NO2 | 001116-98-9 | 23   |      |



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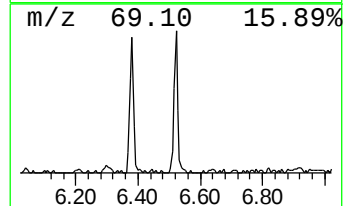
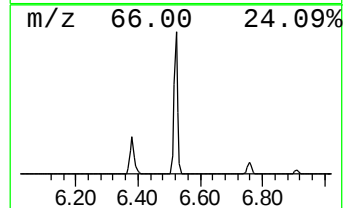
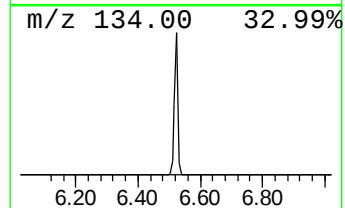
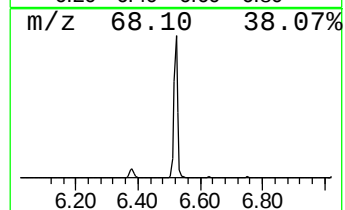
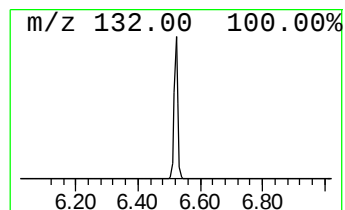
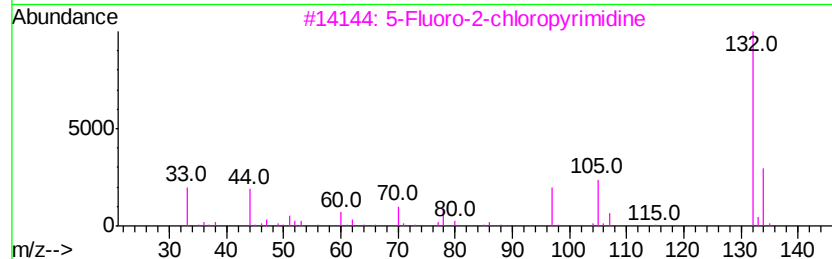
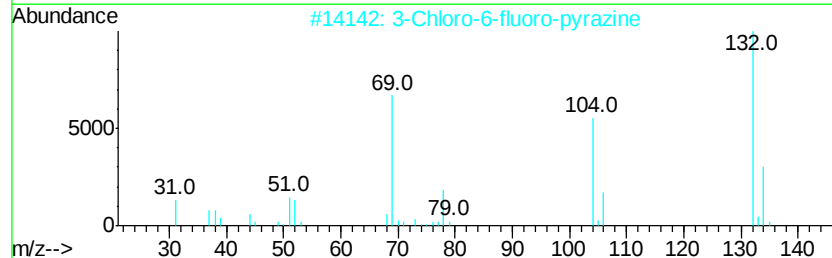
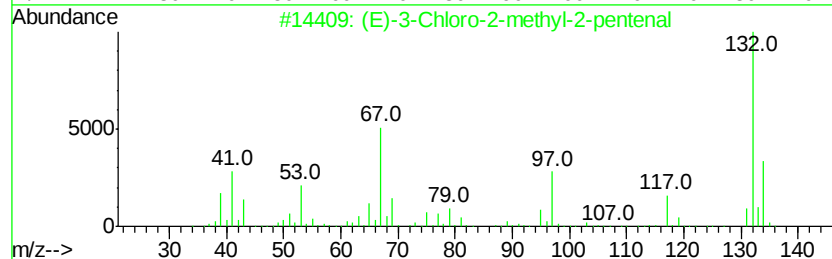
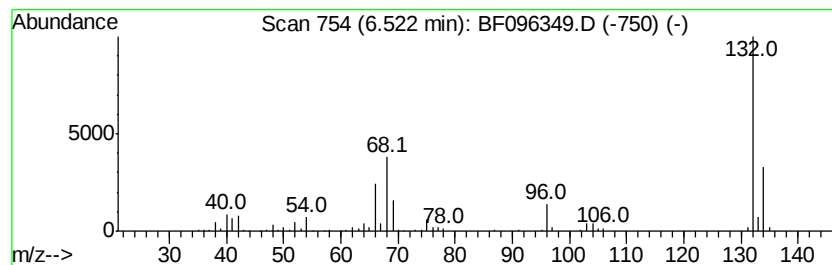
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 2 unknown6.52 Concentration Rank 1

| R.T. | EstConc | Area   | Relative to ISTD       | R.T. |
|------|---------|--------|------------------------|------|
| 6.52 | 6.65 ng | 328670 | 1,4-Dichlorobenzene-d4 | 6.76 |

| Hit# of | 5                                | Tentative ID | MW        | MolForm      | CAS# | Qual |
|---------|----------------------------------|--------------|-----------|--------------|------|------|
| 1       | (E)-3-Chloro-2-methyl-2-pentenal | 132          | C6H9ClO   | 031357-76-3  | 17   |      |
| 2       | 3-Chloro-6-fluoro-pyrazine       | 132          | C4H2ClFN2 | 1000146-10-7 | 16   |      |
| 3       | 5-Fluoro-2-chloropvrimidine      | 132          | C4H2ClFN2 | 062802-42-0  | 16   |      |
| 4       | Amphetaminil                     | 250          | C17H18N2  | 017590-01-1  | 10   |      |
| 5       | Tranylcypromine-propionyl        | 189          | C12H15NO  | 1000123-86-3 | 10   |      |



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| TIC Top Hit name     | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|----------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                      |      |         |       |          | #                     | RT   | Resp   | Conc |
| 2-Pentanone, 4-hy... | 4.94 | 4.9     | ng    | 240422   | 1                     | 6.76 | 988866 | 20.0 |
| unknown6.52          | 6.52 | 6.7     | ng    | 328670   | 1                     | 6.76 | 988866 | 20.0 |