

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_F\DATA\BF042220\  
 Data File : BF120136.D  
 Acq On : 22 Apr 2020 17:32  
 Operator : MA/SJ  
 Sample : L2356-06  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-13-12-COMP

Integration Parameters: rteint.p  
 Integrator: RTE  
 Smoothing : ON Filtering: 5  
 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:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF040820.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         | 2.452       | 57            | 62          | 72           | rVB      | 428643         | 564105        | 10.10%          | 1.622%        |
| 2         | 3.316       | 203           | 209         | 216          | rVB      | 30558          | 56824         | 1.02%           | 0.163%        |
| 3         | 4.198       | 354           | 359         | 364          | rBV      | 72421          | 93612         | 1.68%           | 0.269%        |
| 4         | 4.410       | 390           | 395         | 404          | rVB      | 155986         | 176734        | 3.16%           | 0.508%        |
| 5         | 4.881       | 471           | 475         | 480          | rBV      | 193108         | 192691        | 3.45%           | 0.554%        |
| 6         | 5.281       | 539           | 543         | 546          | rBV      | 3481882        | 3425228       | 61.31%          | 9.846%        |
| 7         | 6.316       | 714           | 719         | 722          | rBV      | 3001592        | 3050189       | 54.60%          | 8.768%        |
| 8         | 6.675       | 776           | 780         | 784          | rBV      | 1038873        | 803347        | 14.38%          | 2.309%        |
| 9         | 6.834       | 802           | 807         | 810          | rBV      | 3549606        | 3113950       | 55.74%          | 8.951%        |
| 10        | 7.245       | 871           | 877         | 880          | rBV      | 2814147        | 2746809       | 49.17%          | 7.896%        |
| 11        | 7.963       | 994           | 999         | 1001         | rBV      | 1203644        | 1079506       | 19.32%          | 3.103%        |
| 12        | 9.045       | 1177          | 1183        | 1186         | rBV      | 5315474        | 5003666       | 89.56%          | 14.384%       |
| 13        | 9.716       | 1292          | 1297        | 1300         | rBV      | 1453659        | 1187527       | 21.26%          | 3.414%        |
| 14        | 10.510      | 1426          | 1432        | 1435         | rBV      | 3288994        | 3272240       | 58.57%          | 9.406%        |
| 15        | 11.198      | 1545          | 1549        | 1552         | rBV      | 1568500        | 1245408       | 22.29%          | 3.580%        |
| 16        | 12.539      | 1773          | 1777        | 1780         | rBV      | 1340181        | 1088127       | 19.48%          | 3.128%        |
| 17        | 12.798      | 1815          | 1821        | 1824         | rBV      | 5508512        | 5586709       | 100.00%         | 16.060%       |
| 18        | 13.839      | 1994          | 1998        | 2001         | rBV      | 1326482        | 1131422       | 20.25%          | 3.252%        |
| 19        | 15.251      | 2232          | 2238        | 2242         | rBV      | 834221         | 969437        | 17.35%          | 2.787%        |

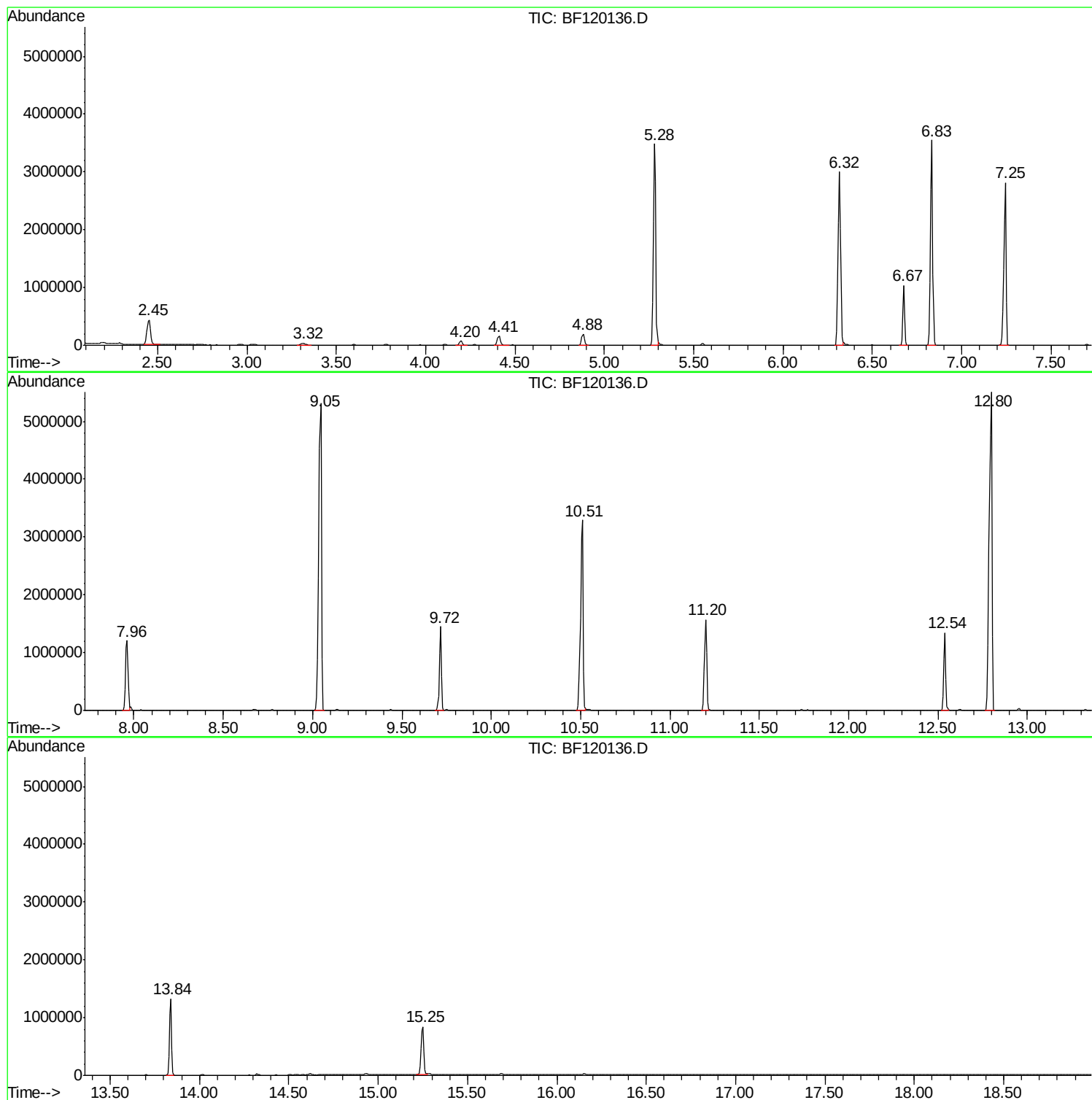
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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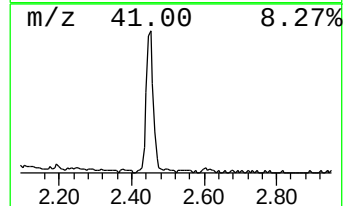
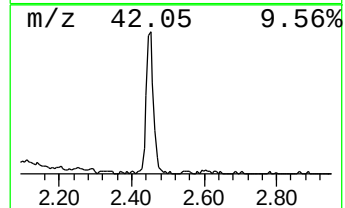
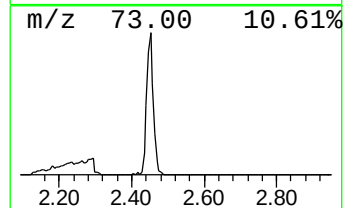
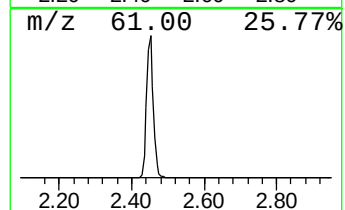
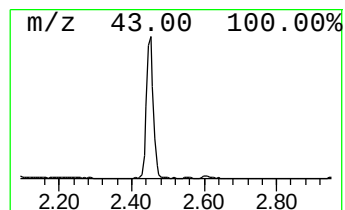
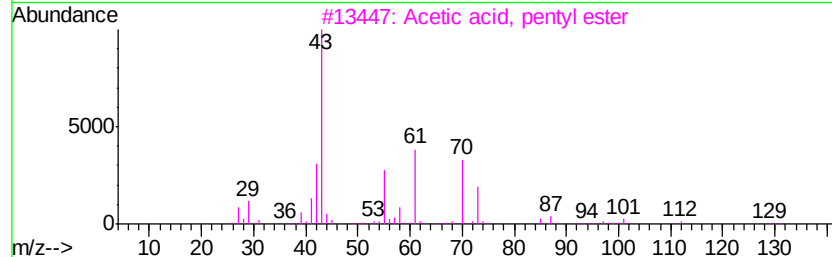
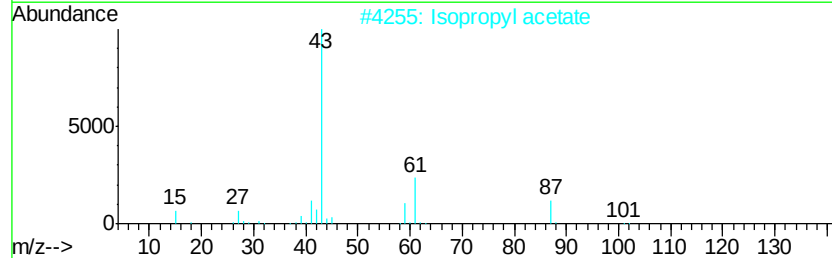
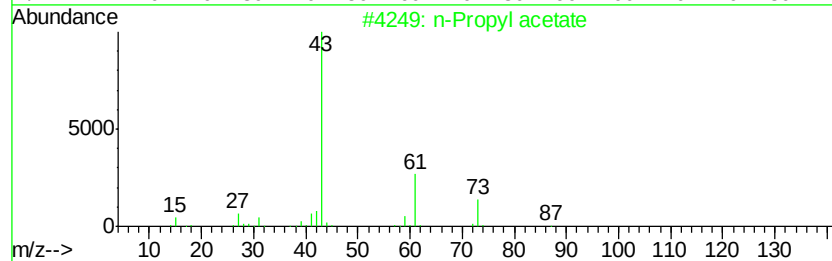
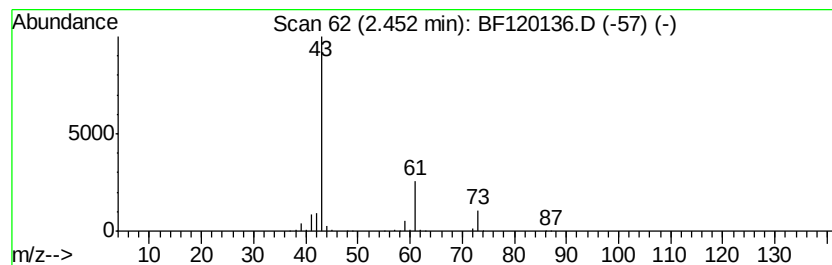
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF040820.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 1 n-Propyl acetate Concentration Rank 2

| R.T. | EstConc  | Area   | Relative to ISTD       | R.T. |
|------|----------|--------|------------------------|------|
| 2.45 | 14.04 ng | 564105 | 1,4-Dichlorobenzene-d4 | 6.67 |

| Hit# | of | Tentative ID              | MW  | MolForm | CAS#        | Qual |
|------|----|---------------------------|-----|---------|-------------|------|
| 1    | 5  | n-Propyl acetate          | 102 | C5H10O2 | 000109-60-4 | 83   |
| 2    |    | Isopropyl acetate         | 102 | C5H10O2 | 000108-21-4 | 38   |
| 3    |    | Acetic acid, pentyl ester | 130 | C7H14O2 | 000628-63-7 | 9    |
| 4    |    | 1-Butanamine              | 73  | C4H11N  | 000109-73-9 | 7    |
| 5    |    | Isobutylamine             | 73  | C4H11N  | 000078-81-9 | 5    |



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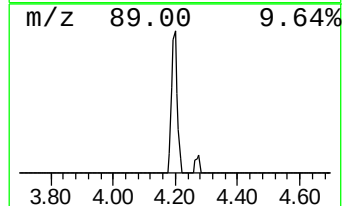
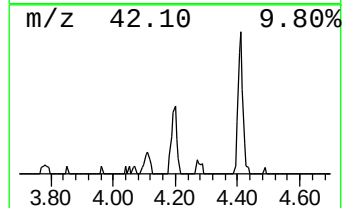
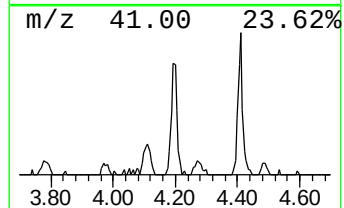
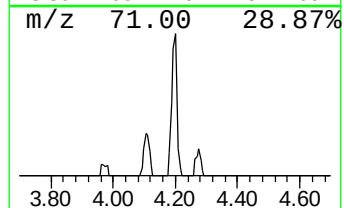
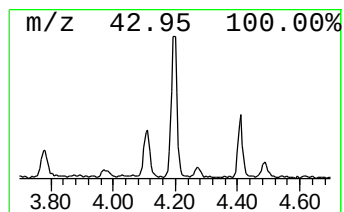
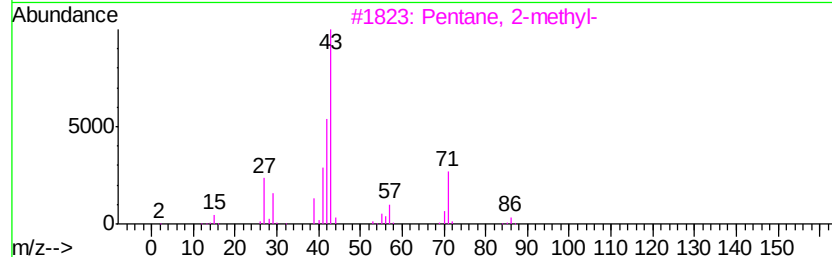
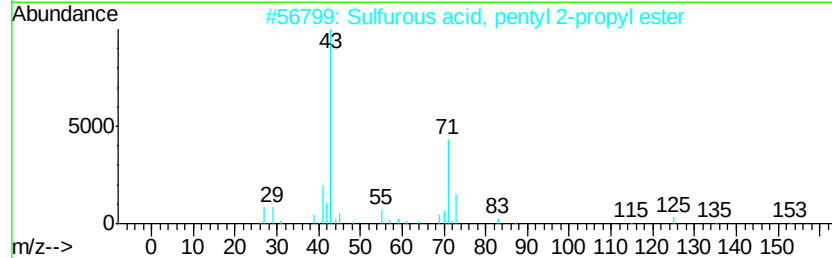
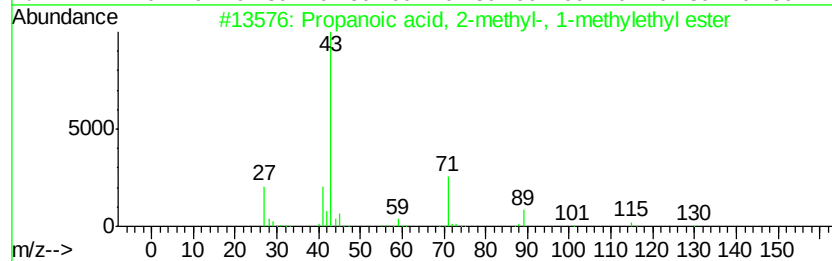
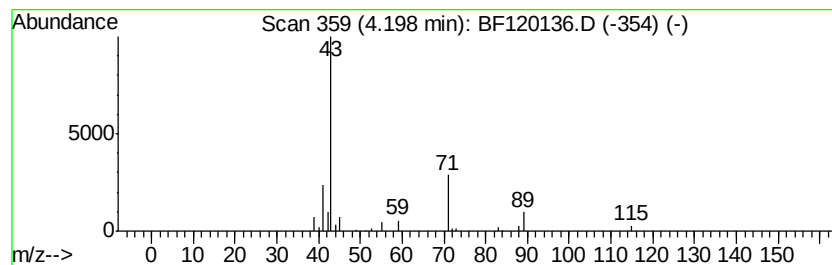
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Peak Number 2 Propanoic acid, 2-methyl-, ... Concentration Rank 5

| R.T. | EstConc | Area  | Relative to ISTD       | R.T. |
|------|---------|-------|------------------------|------|
| 4.20 | 2.33 ng | 93612 | 1,4-Dichlorobenzene-d4 | 6.67 |

| Hit# | of | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|-------------------------------------|-----|----------|--------------|------|
| 1    | 5  | Propanoic acid, 2-methyl-, 1-met... | 130 | C7H14O2  | 000617-50-5  | 78   |
| 2    |    | Sulfurous acid, pentyl 2-propyl ... | 194 | C8H18O3S | 1000309-11-5 | 45   |
| 3    |    | Pentane, 2-methyl-                  | 86  | C6H14    | 000107-83-5  | 38   |
| 4    |    | Butanoic acid, 1-methylethyl ester  | 130 | C7H14O2  | 000638-11-9  | 36   |
| 5    |    | 3-Pentanone, 2,4-dimethyl-          | 114 | C7H14O   | 000565-80-0  | 33   |



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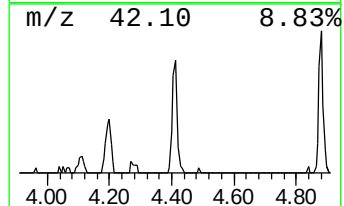
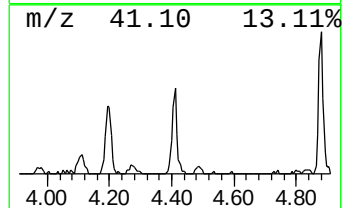
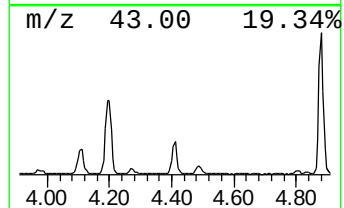
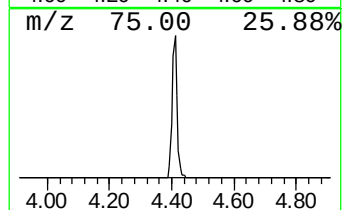
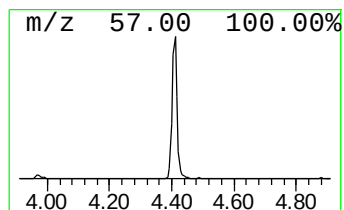
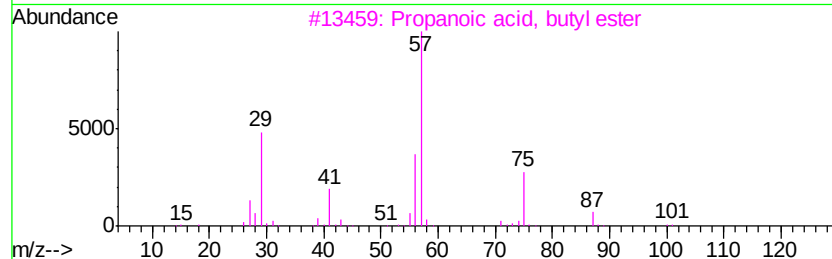
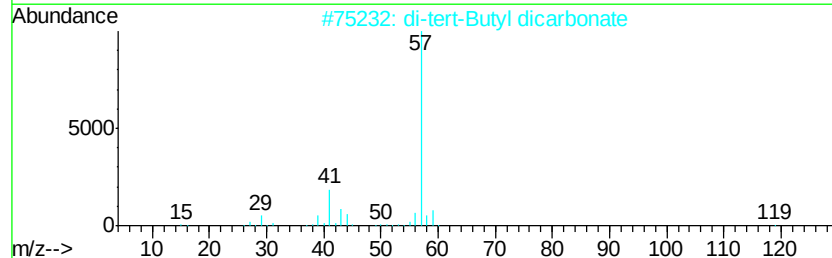
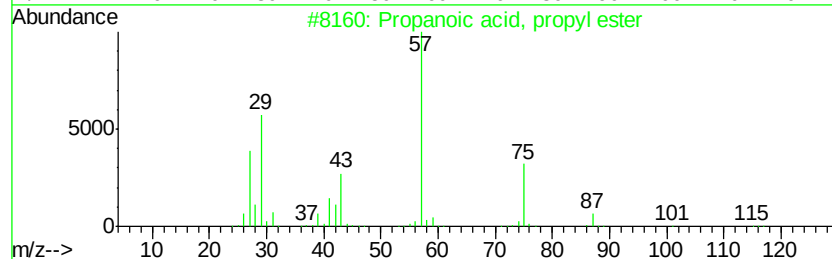
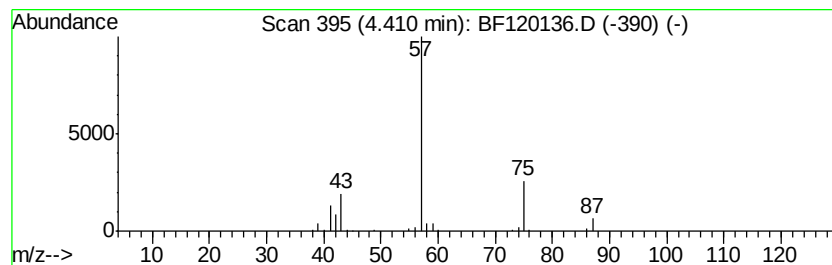
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 3 Propanoic acid, propyl ester Concentration Rank 4

| R.T. | EstConc | Area   | Relative to ISTD       | R.T. |
|------|---------|--------|------------------------|------|
| 4.41 | 4.40 ng | 176734 | 1,4-Dichlorobenzene-d4 | 6.67 |

| Hit# of | 5 | Tentative ID                 | MW  | MolForm  | CAS#        | Qual |
|---------|---|------------------------------|-----|----------|-------------|------|
| 1       |   | Propanoic acid, propyl ester | 116 | C6H12O2  | 000106-36-5 | 78   |
| 2       |   | di-tert-Butyl dicarbonate    | 218 | C10H18O5 | 024424-99-5 | 9    |
| 3       |   | Propanoic acid, butyl ester  | 130 | C7H14O2  | 000590-01-2 | 9    |
| 4       |   | 1-Penten-3-ol                | 86  | C5H10O   | 000616-25-1 | 7    |
| 5       |   | 1-Butanamine, 2-methyl-      | 87  | C5H13N   | 000096-15-1 | 7    |



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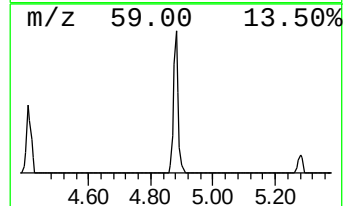
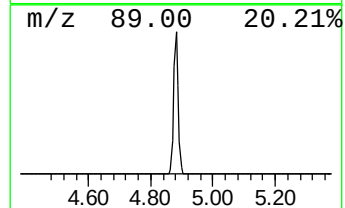
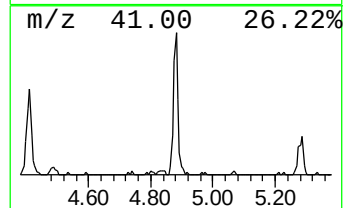
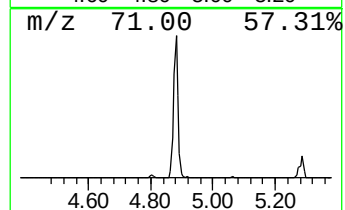
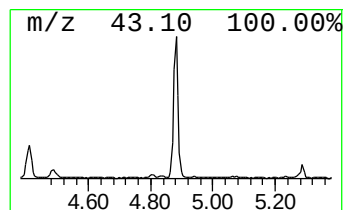
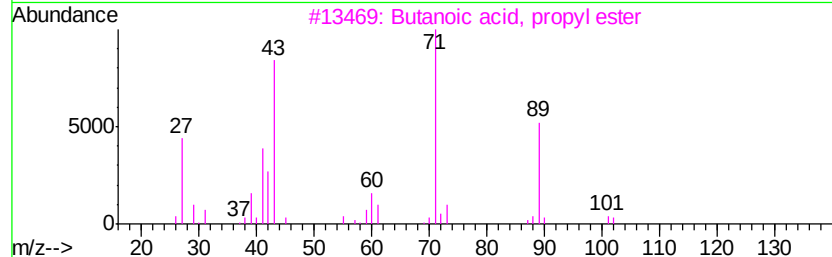
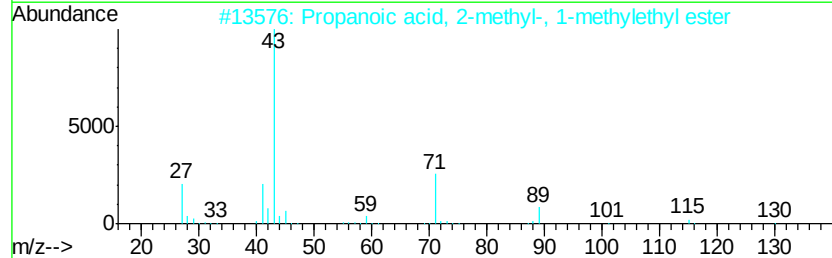
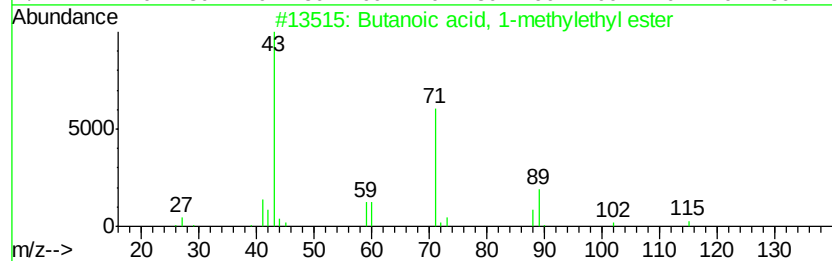
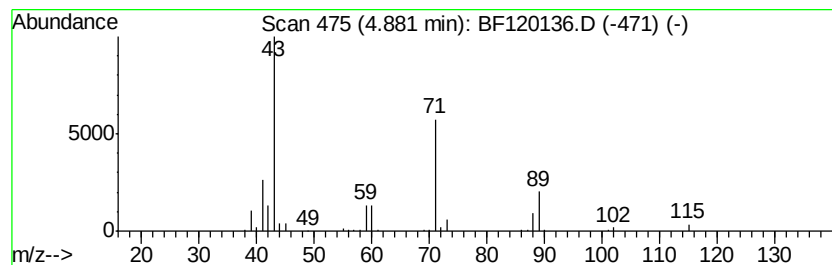
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TIC Integration Parameters: LSCINT.P

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Peak Number 4 Butanoic acid, 1-methylethy... Concentration Rank 3

| R.T. | EstConc | Area   | Relative to ISTD       | R.T. |
|------|---------|--------|------------------------|------|
| 4.88 | 4.80 ng | 192691 | 1,4-Dichlorobenzene-d4 | 6.67 |

| Hit# | of | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|-------------------------------------|-----|----------|-------------|------|
| 1    | 5  | Butanoic acid, 1-methylethyl ester  | 130 | C7H14O2  | 000638-11-9 | 90   |
| 2    |    | Propanoic acid, 2-methyl-, 1-met... | 130 | C7H14O2  | 000617-50-5 | 64   |
| 3    |    | Butanoic acid, propyl ester         | 130 | C7H14O2  | 000105-66-8 | 45   |
| 4    |    | Propanoic acid, 2-methyl-, propy... | 130 | C7H14O2  | 000644-49-5 | 45   |
| 5    |    | Ethane-1,1-diol dibutanoate         | 202 | C10H18O4 | 025572-25-2 | 28   |



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| TIC Top Hit name     | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|----------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                      |      |         |       |          | #                     | RT   | Resp   | Conc |
| n-Propyl acetate     | 2.45 | 14.0    | ng    | 564105   | 1                     | 6.67 | 803347 | 20.0 |
| Propanoic acid, 2... | 4.20 | 2.3     | ng    | 93612    | 1                     | 6.67 | 803347 | 20.0 |
| Propanoic acid, p... | 4.41 | 4.4     | ng    | 176734   | 1                     | 6.67 | 803347 | 20.0 |
| Butanoic acid, 1-... | 4.88 | 4.8     | ng    | 192691   | 1                     | 6.67 | 803347 | 20.0 |