

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF041922\  
 Data File : BF127848.D  
 Acq On : 19 Apr 2022 18:42  
 Operator : CG\JU  
 Sample : N2434-02  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 RCA-EDISON-PILE-1

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-BF041922.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF127848.D\data.ms

| 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         | 3.116       | 135           | 141         | 152          | rVB      | 166401         | 225013        | 6.15%           | 1.053%        |
| 2         | 4.793       | 422           | 426         | 431          | rVB      | 287887         | 273786        | 7.48%           | 1.281%        |
| 3         | 5.210       | 493           | 497         | 505          | rVB      | 273047         | 303208        | 8.28%           | 1.419%        |
| 4         | 5.587       | 555           | 561         | 564          | rBV      | 2408283        | 2394467       | 65.41%          | 11.204%       |
| 5         | 6.569       | 722           | 728         | 731          | rBV      | 2433244        | 2629881       | 71.85%          | 12.306%       |
| 6         | 6.940       | 788           | 791         | 795          | rVB      | 605972         | 551979        | 15.08%          | 2.583%        |
| 7         | 7.510       | 881           | 888         | 891          | rBV      | 2062408        | 2385093       | 65.16%          | 11.160%       |
| 8         | 8.222       | 1005          | 1009        | 1013         | rBV      | 655349         | 682335        | 18.64%          | 3.193%        |
| 9         | 9.304       | 1186          | 1193        | 1196         | rBV      | 3866711        | 3660440       | 100.00%         | 17.128%       |
| 10        | 9.986       | 1303          | 1309        | 1312         | rBV      | 802260         | 742574        | 20.29%          | 3.475%        |
| 11        | 10.780      | 1437          | 1444        | 1447         | rBV      | 2304949        | 2256511       | 61.65%          | 10.559%       |
| 12        | 11.475      | 1558          | 1562        | 1566         | rBV      | 879981         | 746797        | 20.40%          | 3.494%        |
| 13        | 13.069      | 1828          | 1833        | 1836         | rBV      | 3723877        | 3522451       | 96.23%          | 16.482%       |
| 14        | 14.121      | 2008          | 2012        | 2016         | rBV      | 686733         | 574660        | 15.70%          | 2.689%        |
| 15        | 15.639      | 2264          | 2270        | 2278         | rVB      | 334513         | 421937        | 11.53%          | 1.974%        |

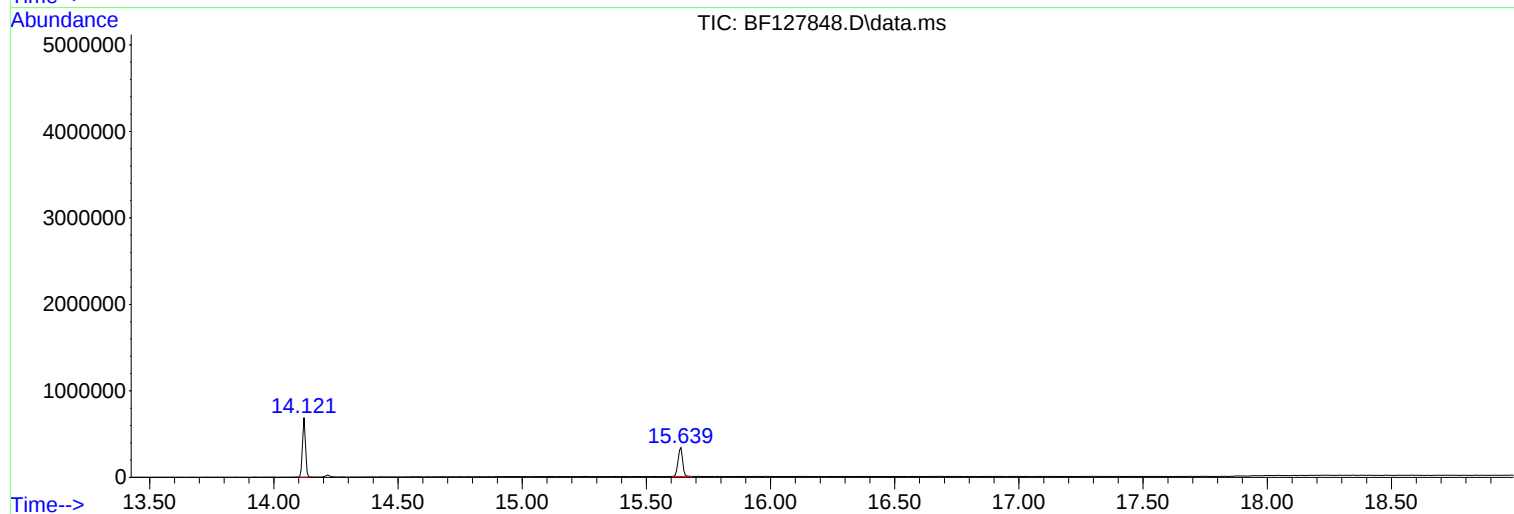
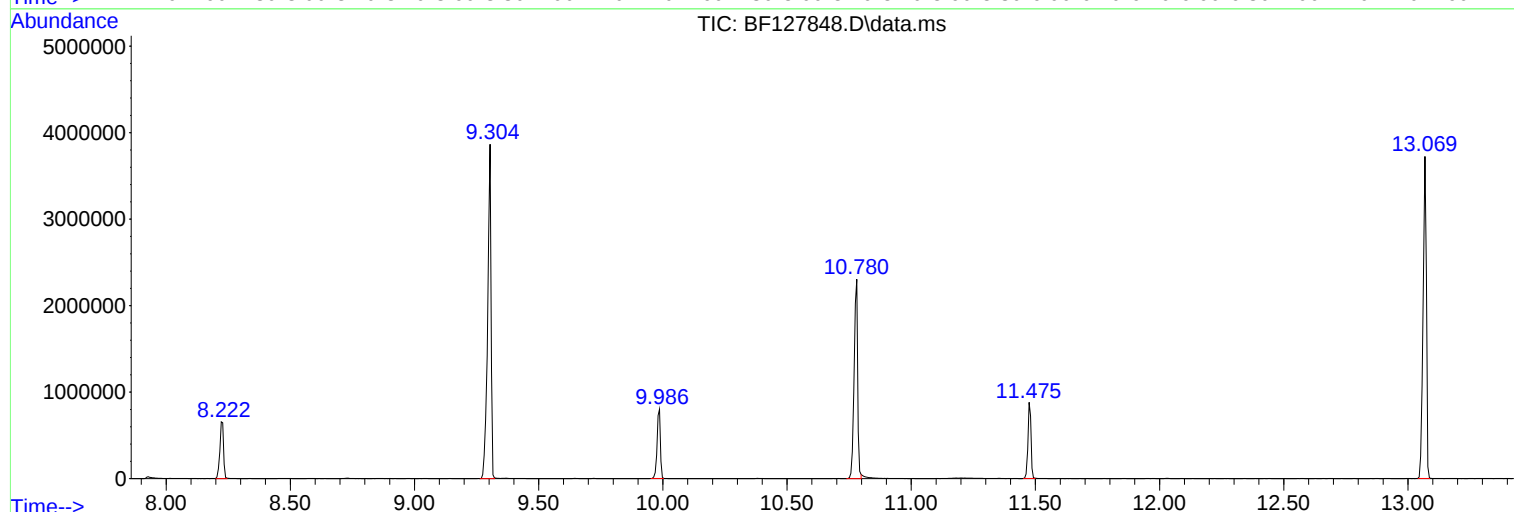
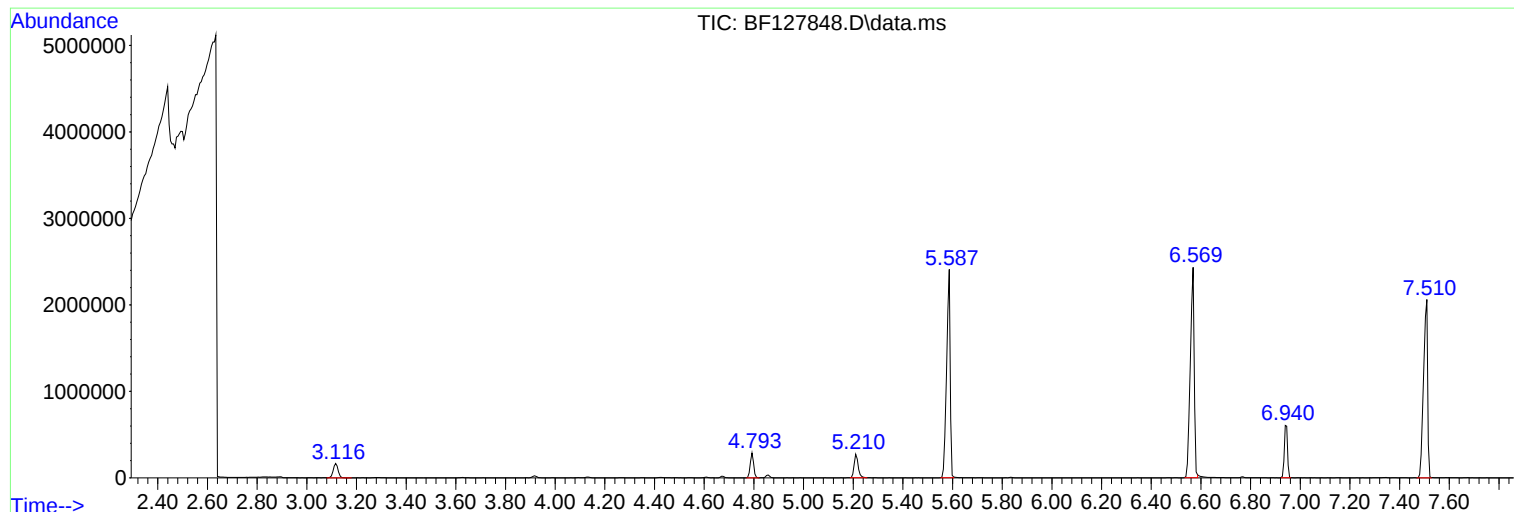
Sum of corrected areas: 21371132

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Instrument :  
BNA\_F  
ClientSampleId :  
RCA-EDISON-PILE-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF041922.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P



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Instrument :  
BNA\_F  
ClientSampleId :  
RCA-EDISON-PILE-1

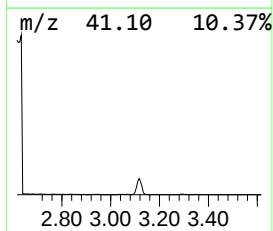
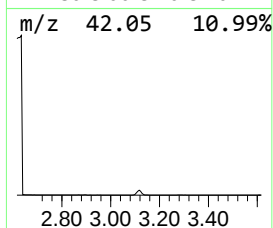
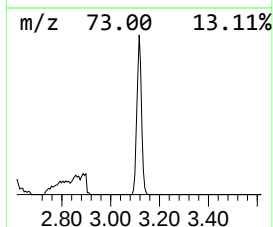
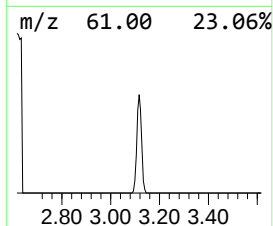
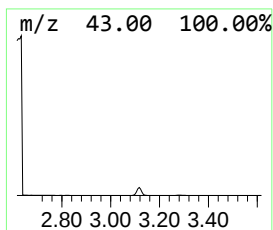
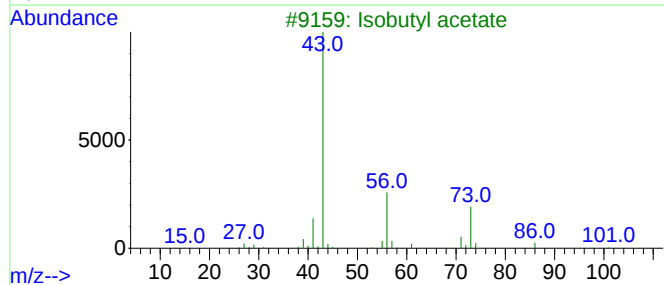
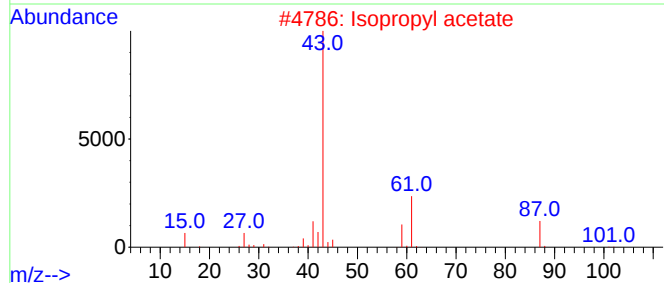
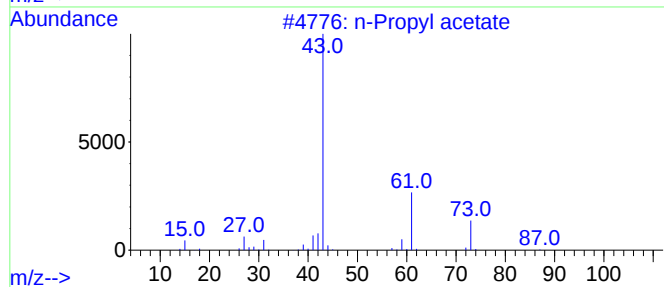
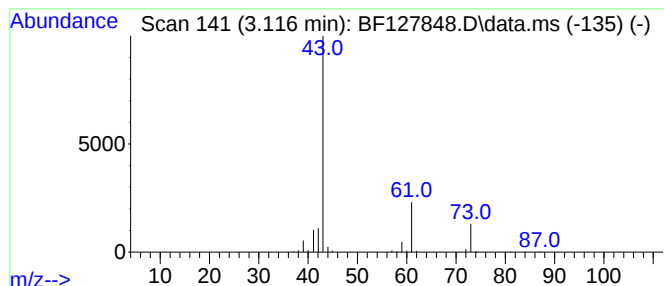
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF041922.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 n-Propyl acetate Concentration Rank 3

| R.T.  | EstConc | Area   | Relative to ISTD       | R.T.  |
|-------|---------|--------|------------------------|-------|
| 3.116 | 8.15 ng | 225013 | 1,4-Dichlorobenzene-d4 | 6.945 |

| Hit# | of | 5 | Tentative ID      | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------|-----|---------|-------------|------|
| 1    |    |   | n-Propyl acetate  | 102 | C5H10O2 | 000109-60-4 | 83   |
| 2    |    |   | Isopropyl acetate | 102 | C5H10O2 | 000108-21-4 | 38   |
| 3    |    |   | Isobutyl acetate  | 116 | C6H12O2 | 000110-19-0 | 9    |
| 4    |    |   | Isobutylamine     | 73  | C4H11N  | 000078-81-9 | 5    |
| 5    |    |   | 1-Butanamine      | 73  | C4H11N  | 000109-73-9 | 5    |



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ClientSampleId :  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF041922.M  
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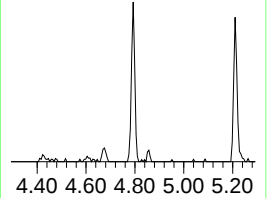
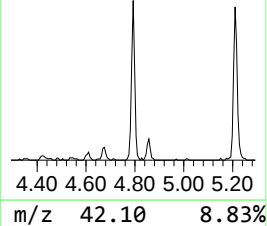
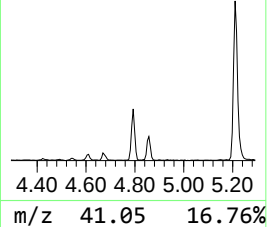
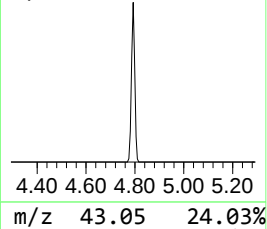
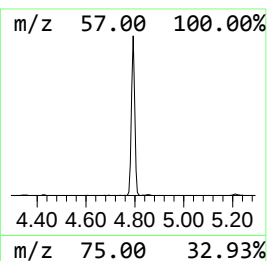
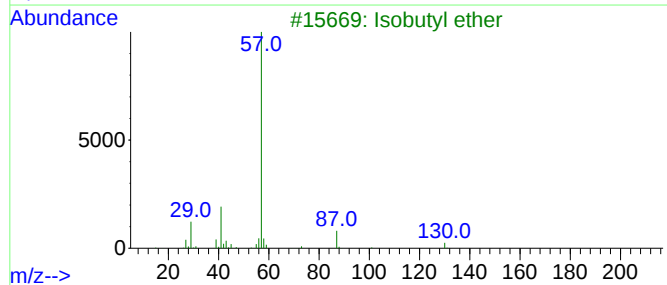
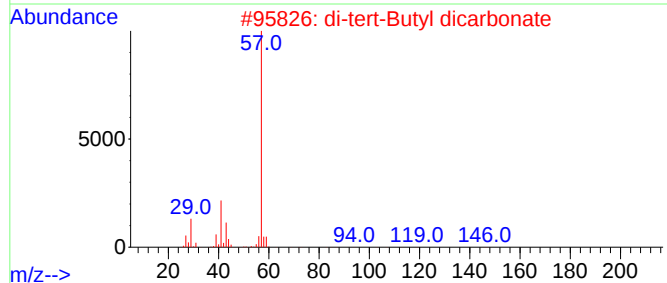
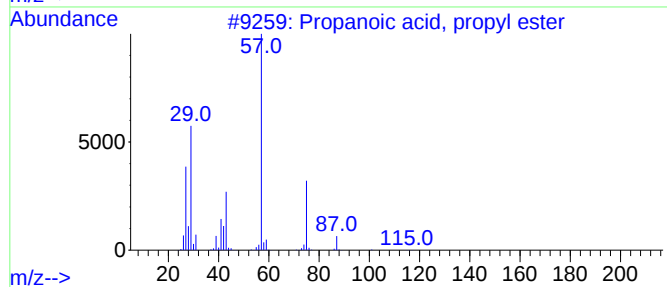
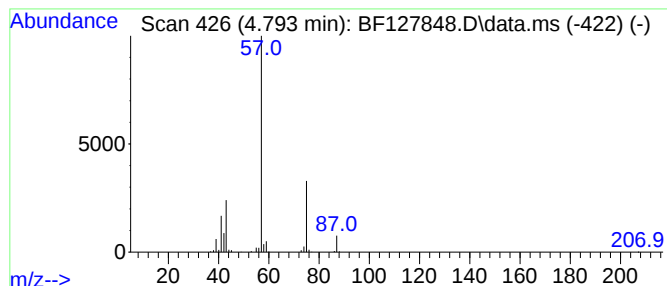
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 2 Propanoic acid, propyl ester Concentration Rank 2

| R.T.  | EstConc | Area   | Relative to ISTD       | R.T.  |
|-------|---------|--------|------------------------|-------|
| 4.793 | 9.92 ng | 273786 | 1,4-Dichlorobenzene-d4 | 6.945 |

| Hit# | of | 5 | Tentative ID                  | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------|-----|----------|-------------|------|
| 1    |    |   | Propanoic acid, propyl ester  | 116 | C6H12O2  | 000106-36-5 | 83   |
| 2    |    |   | di-tert-Butyl dicarbonate     | 218 | C10H18O5 | 024424-99-5 | 10   |
| 3    |    |   | Isobutyl ether                | 130 | C8H18O   | 000628-55-7 | 9    |
| 4    |    |   | Propanoic acid, butyl ester   | 130 | C7H14O2  | 000590-01-2 | 9    |
| 5    |    |   | Propanoic acid, 2,2-dimethyl- | 102 | C5H10O2  | 000075-98-9 | 9    |



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Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
RCA-EDISON-PILE-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF041922.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

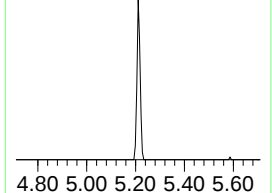
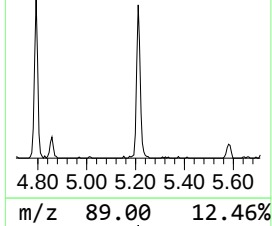
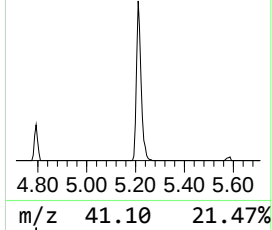
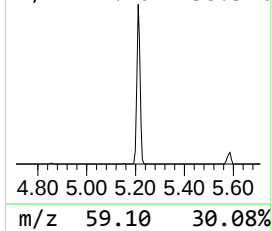
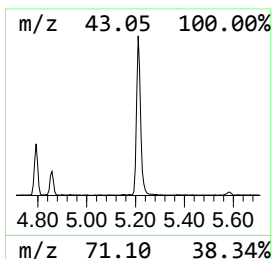
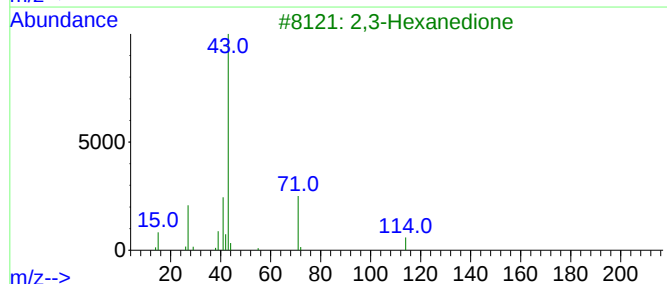
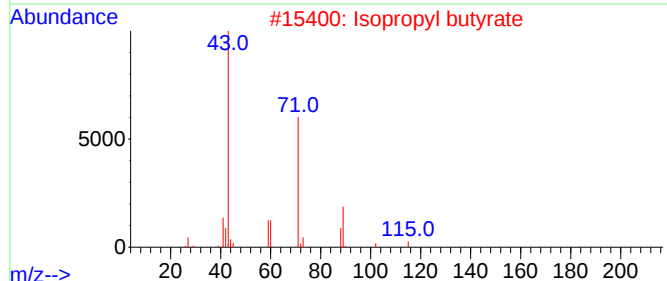
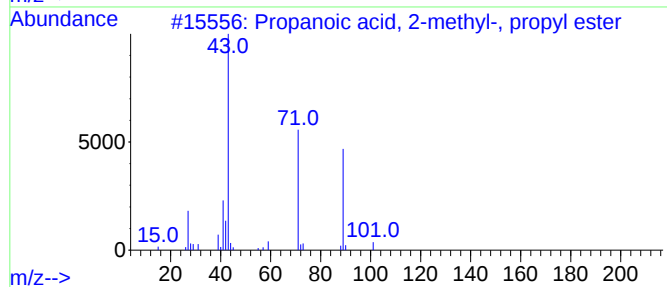
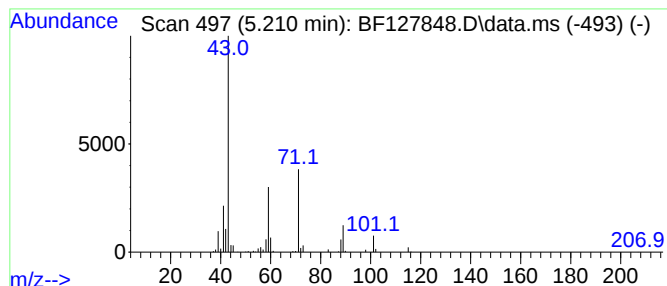
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 3 Propanoic acid, 2-methyl-, ... Concentration Rank 1

| R.T.  | EstConc  | Area   | Relative to ISTD       | R.T.  |
|-------|----------|--------|------------------------|-------|
| 5.210 | 10.99 ng | 303208 | 1,4-Dichlorobenzene-d4 | 6.945 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Propanoic acid, 2-methyl-, propy... | 130 | C7H14O2 | 000644-49-5 | 53   |
| 2    |    |   | Isopropyl butyrate                  | 130 | C7H14O2 | 000638-11-9 | 50   |
| 3    |    |   | 2,3-Hexanedione                     | 114 | C6H10O2 | 003848-24-6 | 43   |
| 4    |    |   | 3-Pentanone, 2,4-dimethyl-          | 114 | C7H14O  | 000565-80-0 | 43   |
| 5    |    |   | Propanoic acid, 2-methyl-, 1-met... | 130 | C7H14O2 | 000617-50-5 | 42   |



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Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
RCA-EDISON-PILE-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF041922.M  
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TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

| TIC Top Hit name   | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|--------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                    |       |         |       |          | #                     | RT    | Resp   | Conc |
| n-Propyl acetate   | 3.116 | 8.2     | ng    | 225013   | 1                     | 6.945 | 551979 | 20.0 |
| Propanoic acid,... | 4.793 | 9.9     | ng    | 273786   | 1                     | 6.945 | 551979 | 20.0 |
| Propanoic acid,... | 5.210 | 11.0    | ng    | 303208   | 1                     | 6.945 | 551979 | 20.0 |