

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN121318\  
 Data File : BN003918.D  
 Acq On : 14 Dec 2018 07:00  
 Operator : JU/SJ  
 Sample : J6299-12  
 Misc :  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 F9F39

## 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:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN121218MA.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      | 3.017    | 3          | 5        | 24        | rVB   | 168741      | 245217     | 15.50%       | 2.527%     |
| 2      | 6.987    | 674        | 680      | 689       | rVB2  | 17704       | 30733      | 1.94%        | 0.317%     |
| 3      | 7.163    | 705        | 710      | 720       | rBB   | 73146       | 111312     | 7.04%        | 1.147%     |
| 4      | 7.358    | 738        | 743      | 750       | rBB   | 76993       | 116141     | 7.34%        | 1.197%     |
| 5      | 7.828    | 818        | 823      | 828       | rBV   | 78855       | 120945     | 7.65%        | 1.246%     |
| 6      | 8.528    | 936        | 942      | 949       | rBB   | 59428       | 92438      | 5.84%        | 0.952%     |
| 7      | 8.922    | 1004       | 1009     | 1015      | rBV   | 36125       | 55182      | 3.49%        | 0.569%     |
| 8      | 8.993    | 1015       | 1021     | 1027      | rVV   | 98896       | 164799     | 10.42%       | 1.698%     |
| 9      | 9.710    | 1138       | 1143     | 1150      | rBB   | 85666       | 133386     | 8.43%        | 1.374%     |
| 10     | 10.240   | 1227       | 1233     | 1242      | rBV   | 131637      | 209709     | 13.26%       | 2.161%     |
| 11     | 10.628   | 1292       | 1299     | 1305      | rBV   | 136158      | 228844     | 14.47%       | 2.358%     |
| 12     | 11.904   | 1511       | 1516     | 1522      | rBB   | 14338       | 20582      | 1.30%        | 0.212%     |
| 13     | 12.804   | 1665       | 1669     | 1681      | rBB   | 15736       | 28517      | 1.80%        | 0.294%     |
| 14     | 13.057   | 1707       | 1712     | 1718      | rBB   | 39604       | 56263      | 3.56%        | 0.580%     |
| 15     | 13.869   | 1844       | 1850     | 1856      | rBV   | 303044      | 388880     | 24.59%       | 4.007%     |
| 16     | 14.163   | 1893       | 1900     | 1906      | rBV   | 347051      | 506137     | 32.00%       | 5.215%     |
| 17     | 14.469   | 1946       | 1952     | 1958      | rBV2  | 236626      | 363238     | 22.97%       | 3.743%     |
| 18     | 14.669   | 1981       | 1986     | 1995      | rBV   | 17236       | 29417      | 1.86%        | 0.303%     |
| 19     | 15.457   | 2114       | 2120     | 2129      | rVB   | 484704      | 663323     | 41.94%       | 6.835%     |
| 20     | 15.581   | 2136       | 2141     | 2147      | rBV   | 118113      | 144802     | 9.15%        | 1.492%     |
| 21     | 17.210   | 2412       | 2418     | 2424      | rBV2  | 368220      | 491865     | 31.10%       | 5.068%     |
| 22     | 17.310   | 2429       | 2435     | 2450      | rVB   | 580864      | 790297     | 49.97%       | 8.143%     |
| 23     | 17.857   | 2524       | 2528     | 2532      | rBV   | 18513       | 18037      | 1.14%        | 0.186%     |
| 24     | 19.604   | 2819       | 2825     | 2835      | rVB   | 796068      | 1050845    | 66.44%       | 10.828%    |
| 25     | 21.392   | 3124       | 3129     | 3136      | rBV   | 680116      | 817699     | 51.70%       | 8.426%     |
| 26     | 22.427   | 3301       | 3305     | 3311      | rBV   | 22046       | 29878      | 1.89%        | 0.308%     |
| 27     | 22.945   | 3388       | 3393     | 3401      | rVB3  | 34304       | 51049      | 3.23%        | 0.526%     |
| 28     | 23.563   | 3487       | 3498     | 3510      | rBV   | 824079      | 1581689    | 100.00%      | 16.298%    |
| 29     | 23.710   | 3515       | 3523     | 3535      | rVB   | 487287      | 946277     | 59.83%       | 9.750%     |
| 30     | 24.192   | 3599       | 3605     | 3613      | rBV   | 40316       | 77858      | 4.92%        | 0.802%     |
| 31     | 24.963   | 3730       | 3736     | 3745      | rVB   | 36723       | 78038      | 4.93%        | 0.804%     |
| 32     | 25.862   | 3881       | 3889     | 3897      | rVB2  | 22505       | 61542      | 3.89%        | 0.634%     |

## LSC Area Percent Report

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Integration Parameters: LSCINT.P  
Integrator: RTE  
Smoothing : OFF Filtering: 5  
Sampling : 1 Min Area: 1 % 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\_N\METHODS\SOM-EPA-BN121218MA.M  
Title : SVOA CALIBRATION

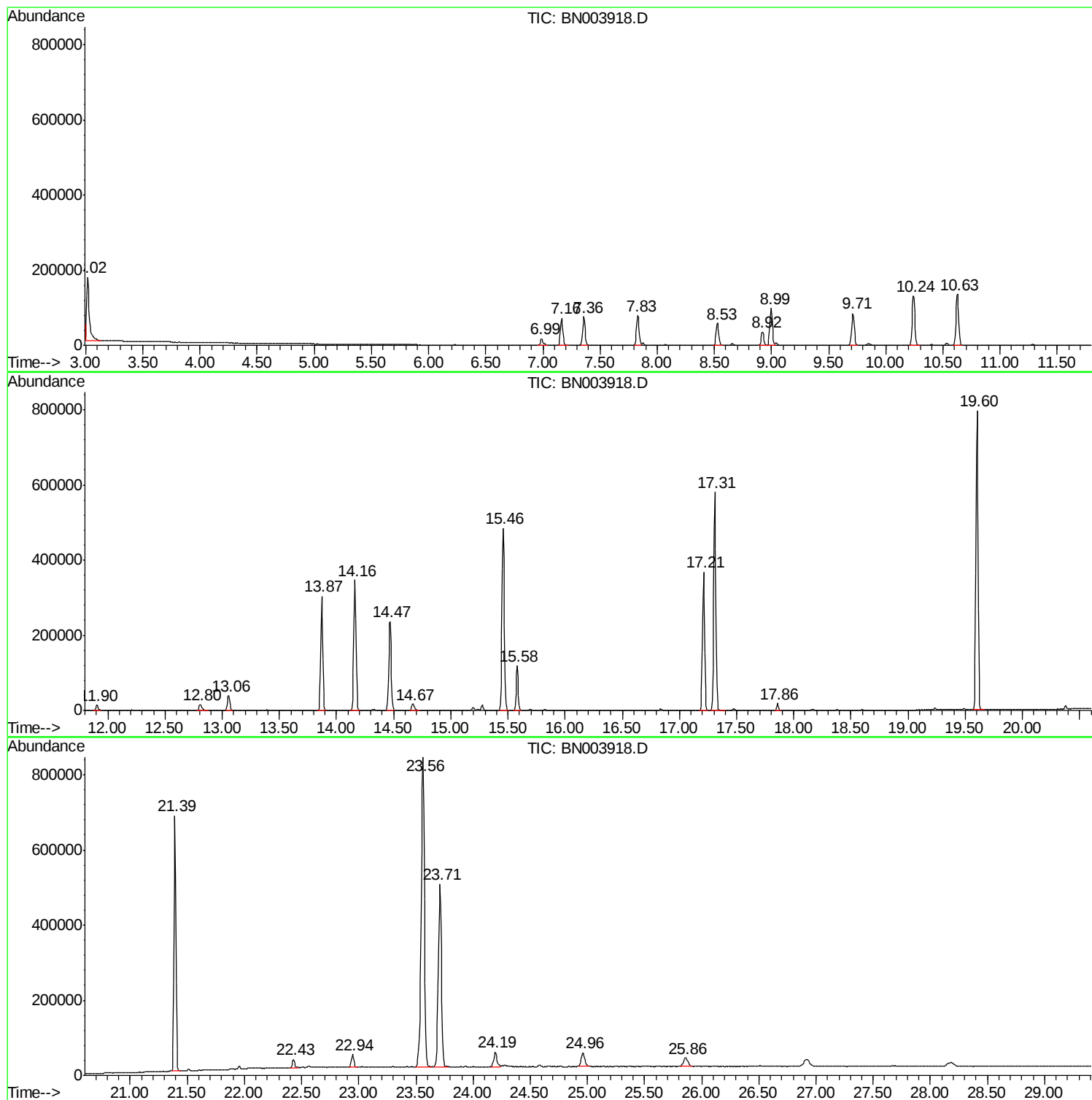
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN121218MA.M  
Quant Title : SVOA CALIBRATION

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



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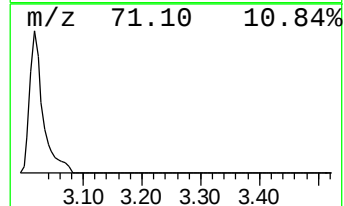
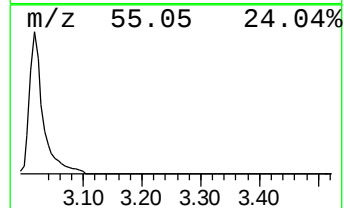
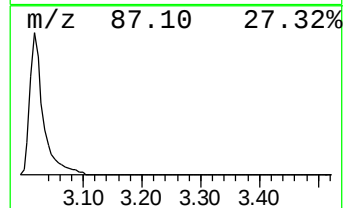
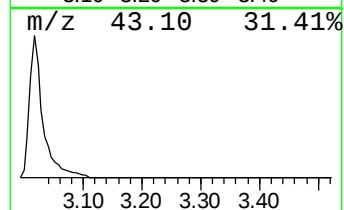
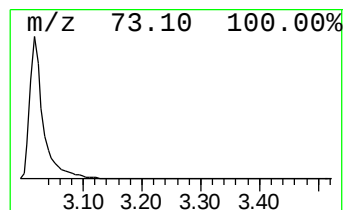
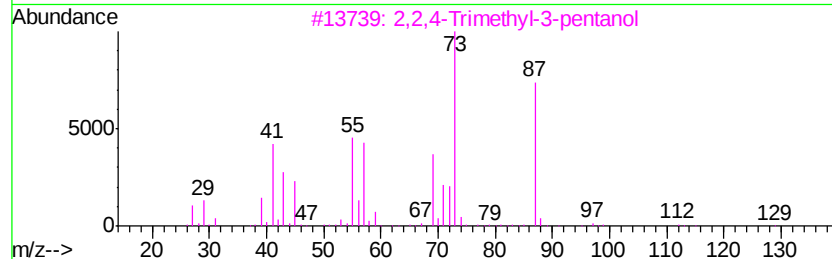
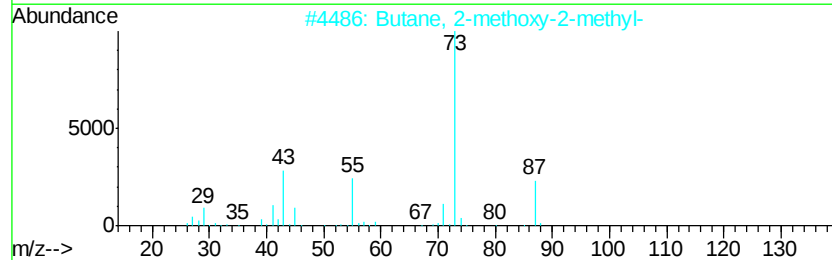
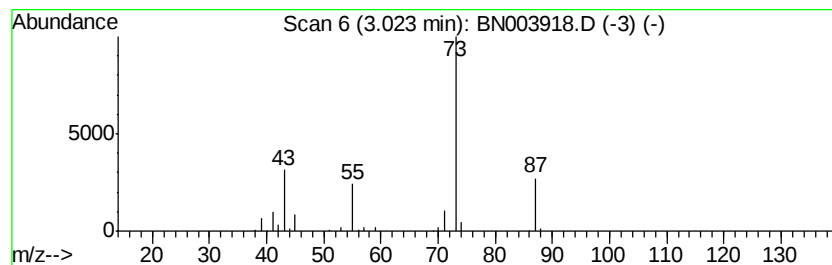
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Quant Title : SVOA CALIBRATION

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

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

| R.T. | EstConc     | Area   | Relative to ISTD       | R.T. |
|------|-------------|--------|------------------------|------|
| 3.02 | 40.55 ng/ul | 245217 | 1,4-Dichlorobenzene-d4 | 7.83 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#         | Qual |
|------|----|-------------------------------------|-----|---------|--------------|------|
| 1    | 5  | Butane, 2-methoxy-2-methyl-         | 102 | C6H14O  | 000994-05-8  | 83   |
| 2    |    | Butane, 2-methoxy-2-methyl-         | 102 | C6H14O  | 000994-05-8  | 78   |
| 3    |    | 2,2,4-Trimethyl-3-pentanol          | 130 | C8H18O  | 005162-48-1  | 39   |
| 4    |    | 1-(2-Methoxyethoxy)-2-methyl-2-p... | 162 | C8H18O3 | 1000364-24-4 | 25   |
| 5    |    | Pentane, 3-methoxy-                 | 102 | C6H14O  | 036839-67-5  | 23   |



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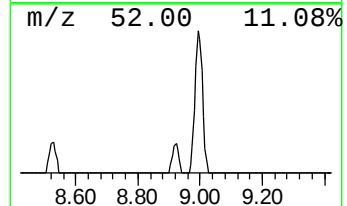
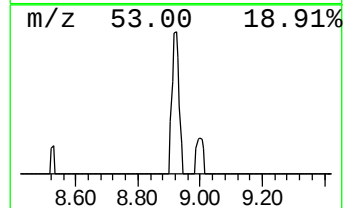
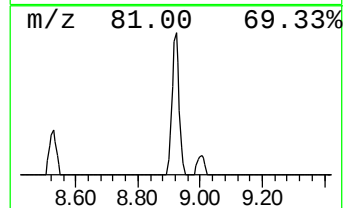
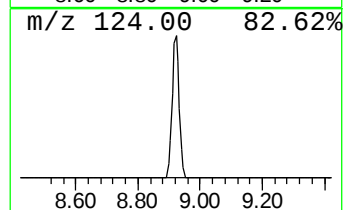
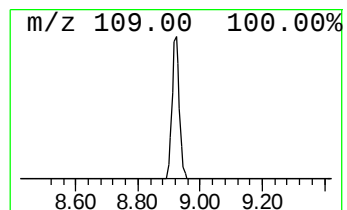
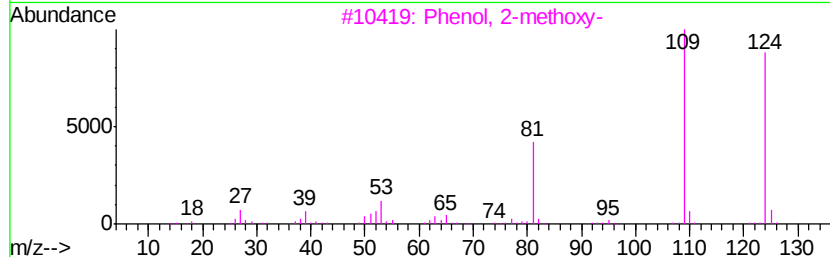
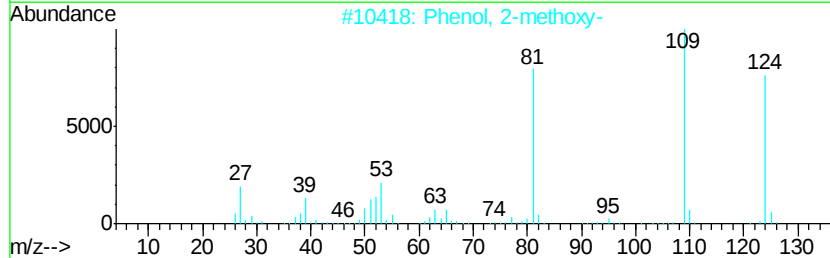
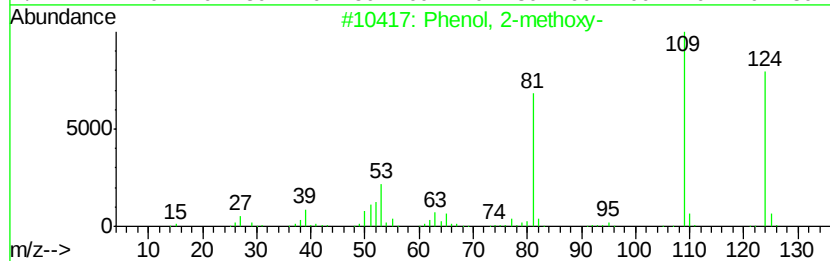
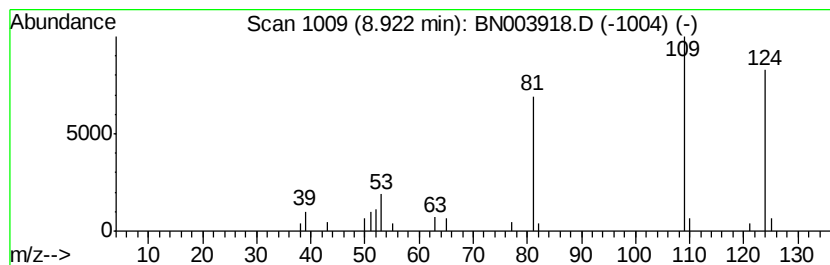
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Quant Title : SVOA CALIBRATION

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

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Peak Number 2 Phenol, 2-methoxy- Concentration Rank 2

| R.T. | EstConc    | Area  | Relative to ISTD       | R.T. |
|------|------------|-------|------------------------|------|
| 8.92 | 9.13 ng/ul | 55182 | 1,4-Dichlorobenzene-d4 | 7.83 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Phenol, 2-methoxy-                  | 124 | C7H8O2  | 000090-05-1 | 91   |
| 2    |    |   | Phenol, 2-methoxy-                  | 124 | C7H8O2  | 000090-05-1 | 91   |
| 3    |    |   | Phenol, 2-methoxy-                  | 124 | C7H8O2  | 000090-05-1 | 91   |
| 4    |    |   | Phenol, 2-methoxy-                  | 124 | C7H8O2  | 000090-05-1 | 87   |
| 5    |    |   | Ethanone, 1-(2-methyl-1-cyclopen... | 124 | C8H12O  | 003168-90-9 | 86   |



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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN121218MA.M  
Quant Title : SVOA CALIBRATION

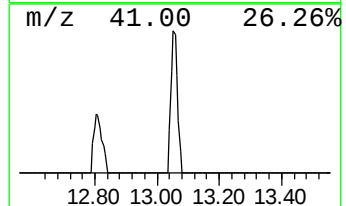
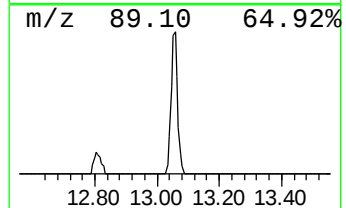
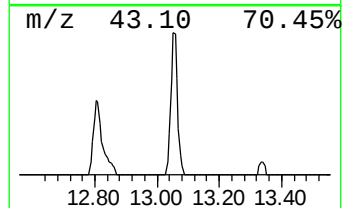
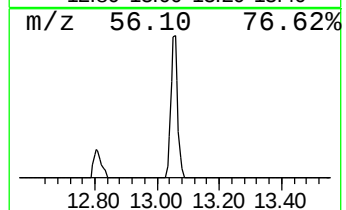
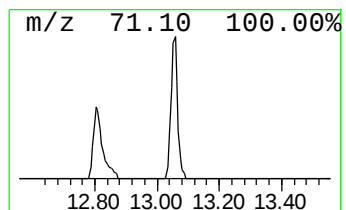
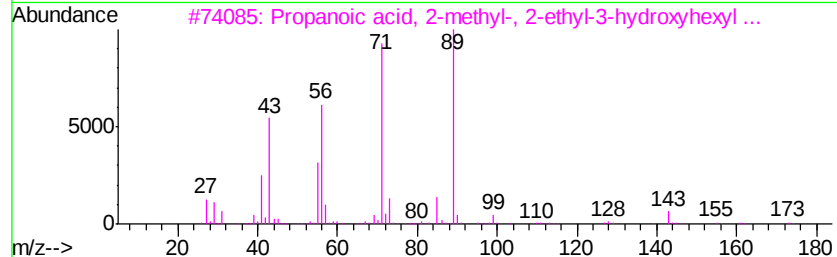
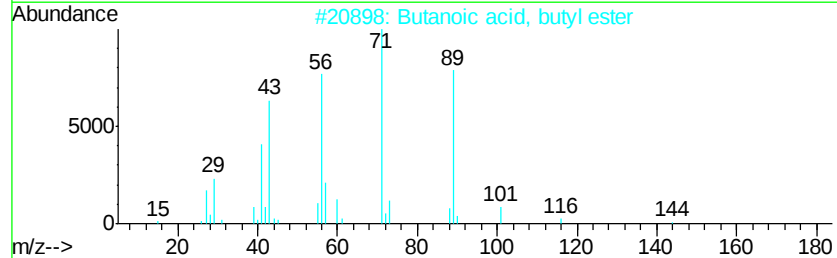
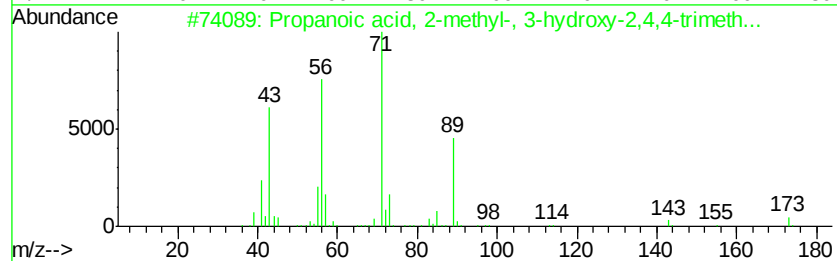
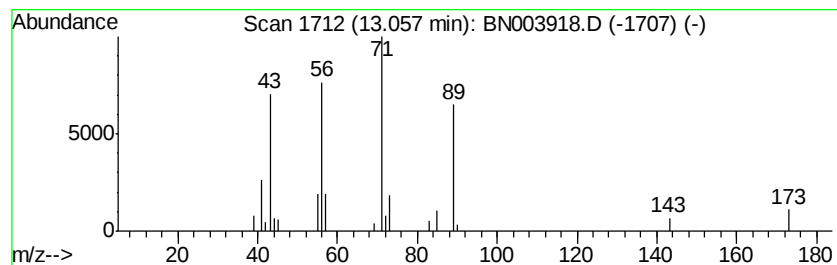
TIC Library : C:\Database\NIST11.L  
TIC Integration Parameters: LSCINT.P

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

| R.T.  | EstConc    | Area  | Relative to ISTD | R.T.  |
|-------|------------|-------|------------------|-------|
| 13.06 | 3.10 ng/ul | 56263 | Acenaphthene-d10 | 14.46 |

| Hit# | of | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|-------------------------------------|-----|----------|-------------|------|
| 1    | 5  | Propanoic acid, 2-methyl-, 3-hyd... | 216 | C12H24O3 | 074367-34-3 | 90   |
| 2    |    | Butanoic acid, butyl ester          | 144 | C8H16O2  | 000109-21-7 | 72   |
| 3    |    | Propanoic acid, 2-methyl-, 2-eth... | 216 | C12H24O3 | 074367-31-0 | 64   |
| 4    |    | Butanoic acid, heptyl ester         | 186 | C11H22O2 | 005870-93-9 | 56   |
| 5    |    | Butanoic acid, hexyl ester          | 172 | C10H20O2 | 002639-63-6 | 43   |



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Quant Title : SVOA CALIBRATION

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

| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                      |       |         |       |          | #                     | RT    | Resp   | Conc |
| Butane, 2-methoxy... | 3.02  | 40.5    | ng/ul | 245217   | 1                     | 7.83  | 120945 | 20.0 |
| Phenol, 2-methoxy-   | 8.92  | 9.1     | ng/ul | 55182    | 1                     | 7.83  | 120945 | 20.0 |
| Propanoic acid, 2... | 13.06 | 3.1     | ng/ul | 56263    | 3                     | 14.46 | 363238 | 20.0 |