

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG081221\  
 Data File : BG049821.D  
 Acq On : 12 Aug 2021 17:10  
 Operator : CG/JU  
 Sample : M3345-01  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 DRUM-1-3-18B

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\_G\Methods\8270-BG080321.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG049821.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         | 3.138       | 12            | 17          | 23           | rBV      | 80167          | 134320        | 9.76%           | 1.530%        |
| 2         | 5.111       | 348           | 353         | 362          | rVB      | 23577          | 43719         | 3.18%           | 0.498%        |
| 3         | 5.587       | 426           | 434         | 443          | rBV      | 467181         | 779578        | 56.66%          | 8.879%        |
| 4         | 7.197       | 699           | 708         | 722          | rBV      | 489400         | 891670        | 64.80%          | 10.155%       |
| 5         | 8.037       | 844           | 851         | 857          | rBV      | 127011         | 221642        | 16.11%          | 2.524%        |
| 6         | 9.206       | 1042          | 1050        | 1059         | rBV      | 324865         | 588047        | 42.74%          | 6.697%        |
| 7         | 10.616      | 1284          | 1290        | 1297         | rBV      | 32584          | 65567         | 4.77%           | 0.747%        |
| 8         | 10.857      | 1323          | 1331        | 1339         | rVB      | 182729         | 339011        | 24.64%          | 3.861%        |
| 9         | 13.306      | 1741          | 1748        | 1756         | rVB      | 790014         | 1232112       | 89.55%          | 14.033%       |
| 10        | 14.687      | 1977          | 1983        | 1992         | rVB      | 297034         | 468403        | 34.04%          | 5.335%        |
| 11        | 16.185      | 2231          | 2238        | 2247         | rBV      | 683016         | 1087284       | 79.02%          | 12.383%       |
| 12        | 17.442      | 2446          | 2452        | 2458         | rBV      | 343516         | 529991        | 38.52%          | 6.036%        |
| 13        | 19.498      | 2797          | 2802        | 2808         | rBV2     | 18200          | 32687         | 2.38%           | 0.372%        |
| 14        | 20.050      | 2890          | 2896        | 2905         | rBV      | 1058388        | 1375964       | 100.00%         | 15.671%       |
| 15        | 20.344      | 2943          | 2946        | 2950         | rBV5     | 11046          | 15907         | 1.16%           | 0.181%        |
| 16        | 21.348      | 3115          | 3117        | 3126         | rVB9     | 18418          | 34837         | 2.53%           | 0.397%        |
| 17        | 21.724      | 3175          | 3181        | 3187         | rVB      | 277517         | 460306        | 33.45%          | 5.243%        |
| 18        | 25.008      | 3732          | 3740        | 3750         | rVB3     | 163278         | 479181        | 34.83%          | 5.458%        |

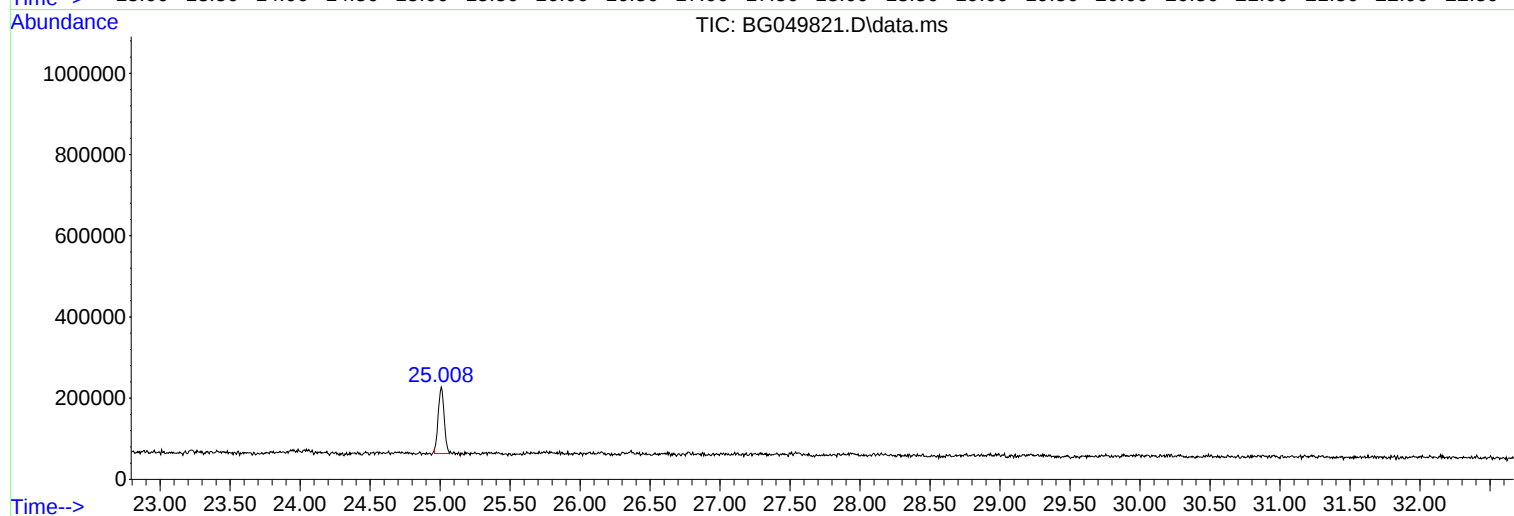
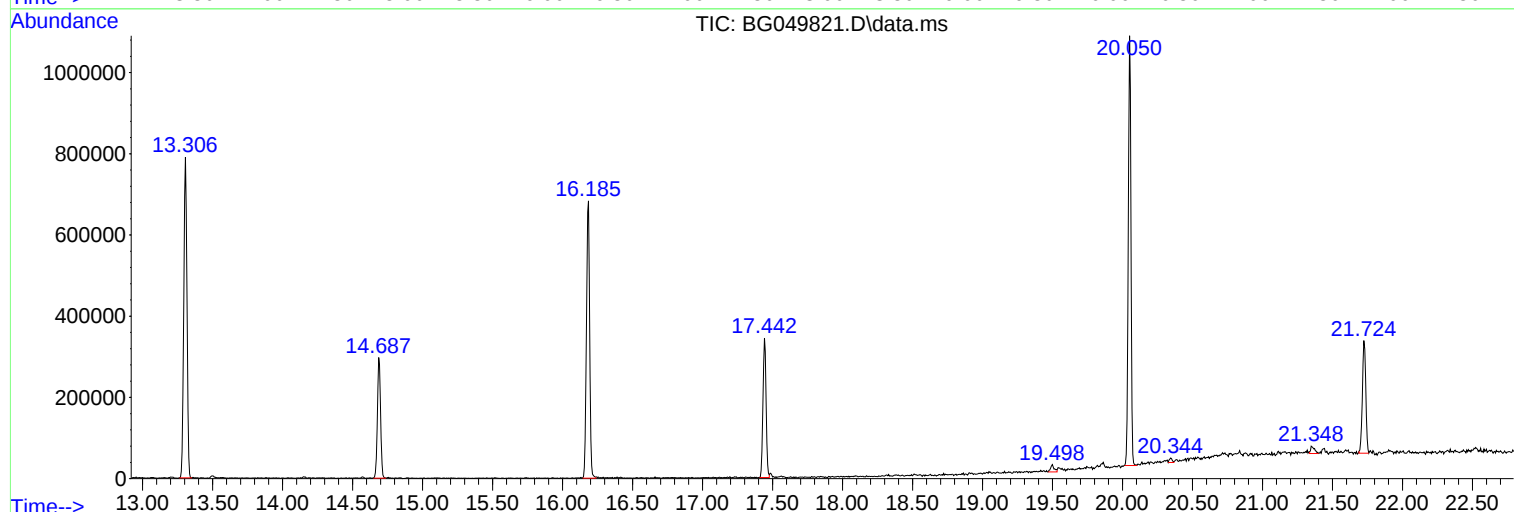
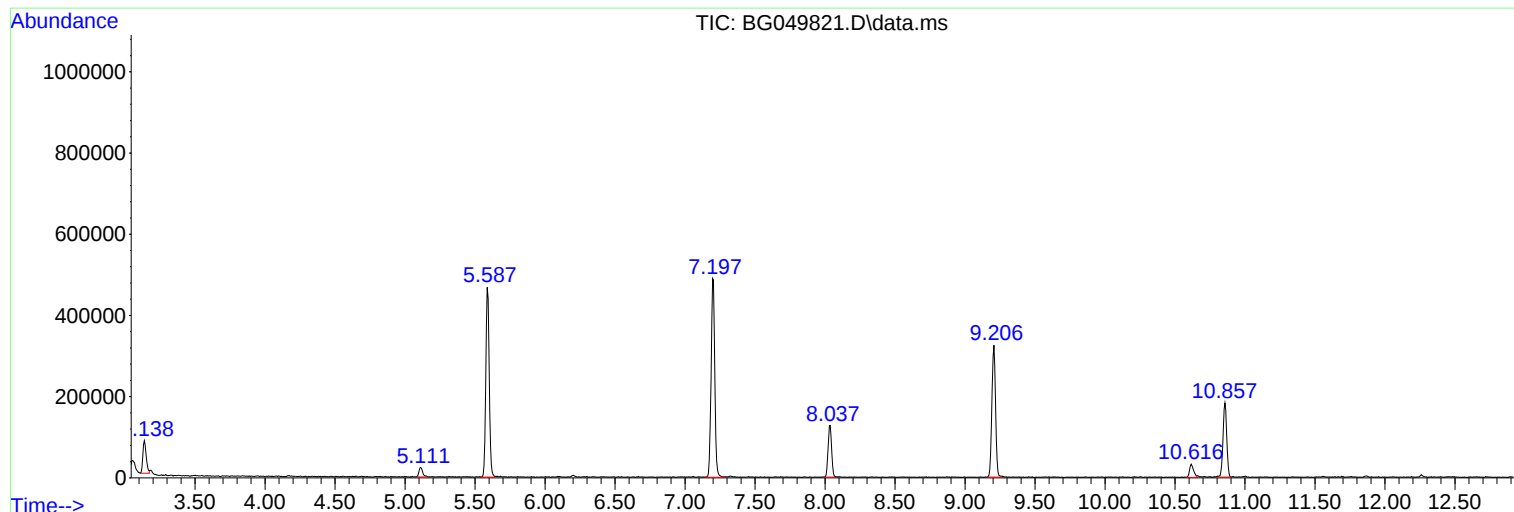
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BNA\_G  
ClientSampleId :  
DRUM-1-3-18B

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG080321.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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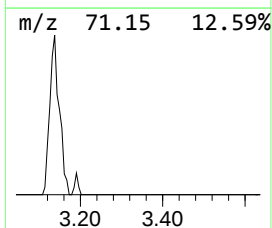
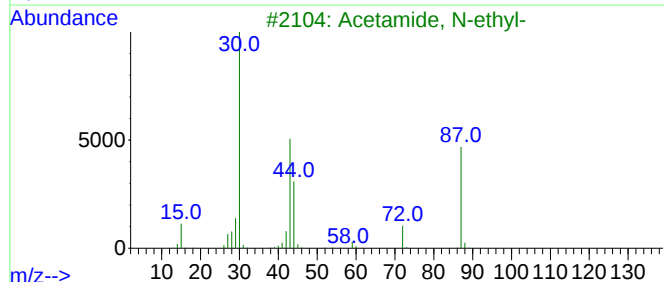
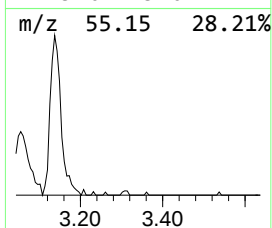
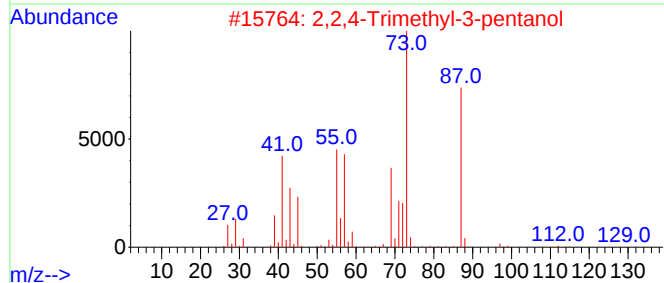
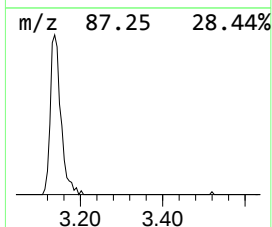
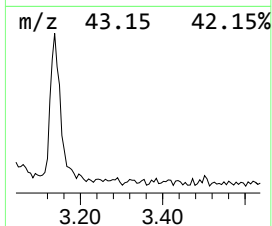
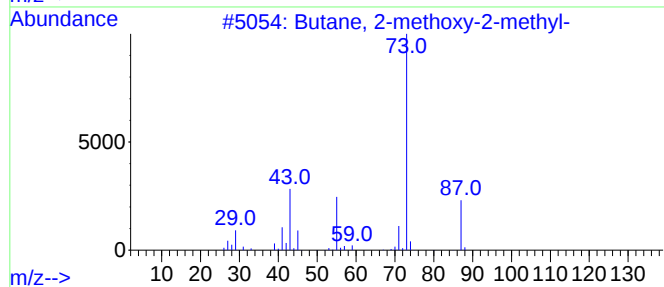
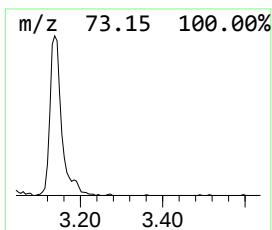
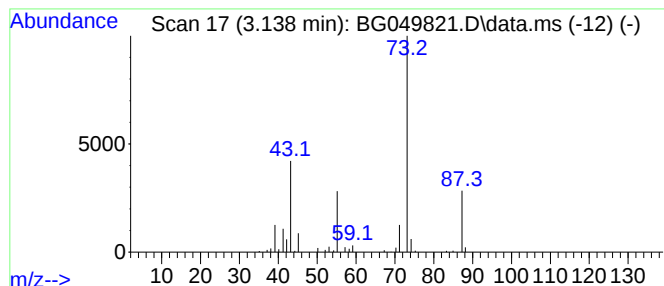
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG080321.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

| R.T.  | EstConc  | Area   | Relative to ISTD       | R.T.  |
|-------|----------|--------|------------------------|-------|
| 3.138 | 12.12 ng | 134320 | 1,4-Dichlorobenzene-d4 | 8.037 |

| Hit# | of | 5 | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------------|-----|---------|-------------|------|
| 1    |    |   | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 78   |
| 2    |    |   | 2,2,4-Trimethyl-3-pentanol  | 130 | C8H18O  | 005162-48-1 | 38   |
| 3    |    |   | Acetamide, N-ethyl-         | 87  | C4H9NO  | 000625-50-3 | 25   |
| 4    |    |   | 1,3-Dioxolane, 2-methyl-    | 88  | C4H8O2  | 000497-26-7 | 9    |
| 5    |    |   | N-Ethylformamide            | 73  | C3H7NO  | 000627-45-2 | 9    |



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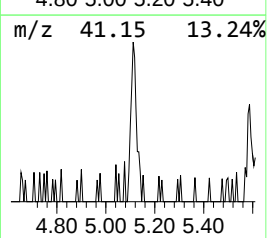
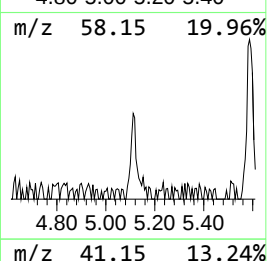
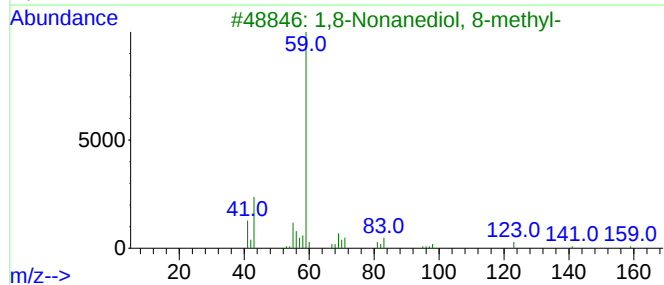
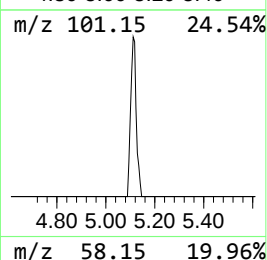
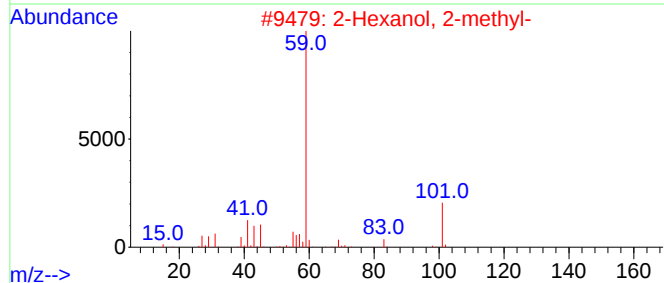
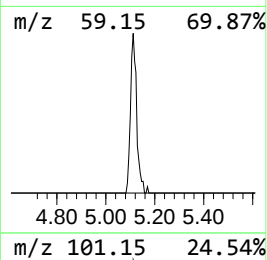
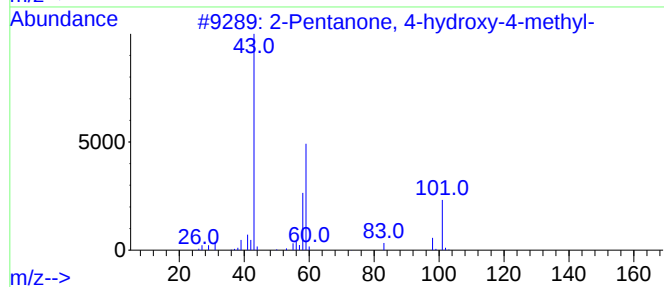
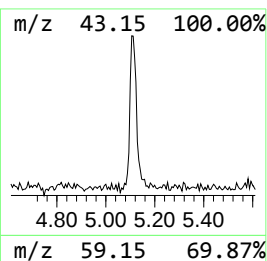
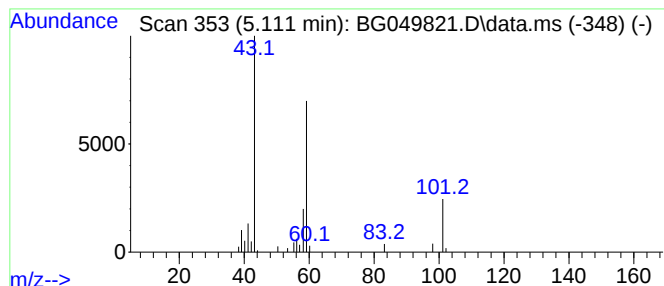
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Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

| R.T.  | EstConc | Area  | Relative to ISTD       | R.T.  |
|-------|---------|-------|------------------------|-------|
| 5.111 | 3.95 ng | 43719 | 1,4-Dichlorobenzene-d4 | 8.037 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | 2-Pentanone, 4-hydroxy-4-methyl-    | 116 | C6H12O2  | 000123-42-2 | 50   |
| 2    |    |   | 2-Hexanol, 2-methyl-                | 116 | C7H16O   | 000625-23-0 | 50   |
| 3    |    |   | 1,8-Nonanediol, 8-methyl-           | 174 | C10H22O2 | 054725-73-4 | 17   |
| 4    |    |   | Butane, 1-ethoxy-                   | 102 | C6H14O   | 000628-81-9 | 16   |
| 5    |    |   | Acetic acid, cyano-, 1,1-dimethy... | 141 | C7H11NO2 | 001116-98-9 | 12   |



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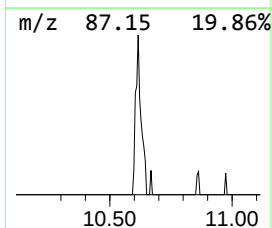
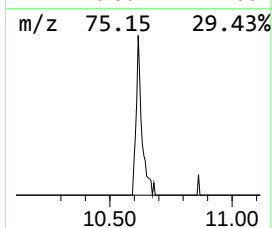
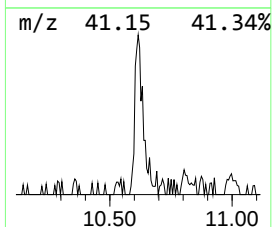
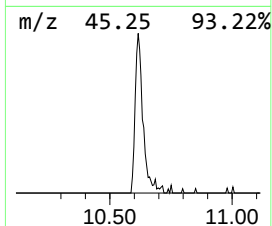
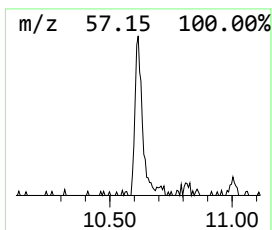
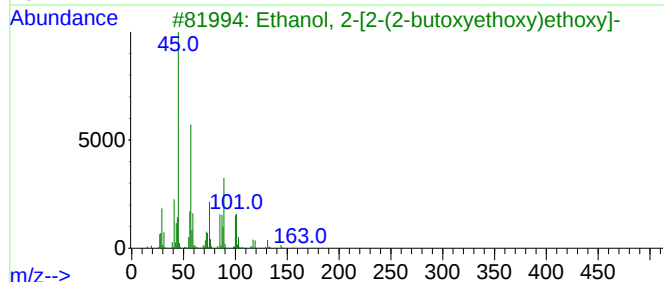
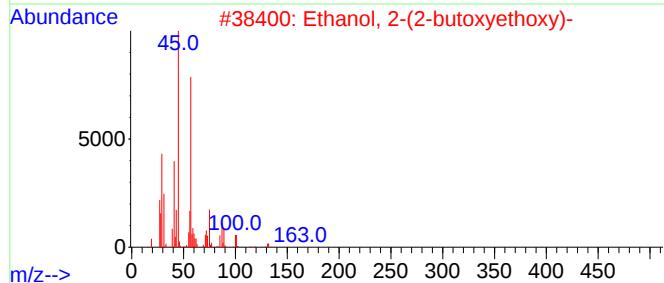
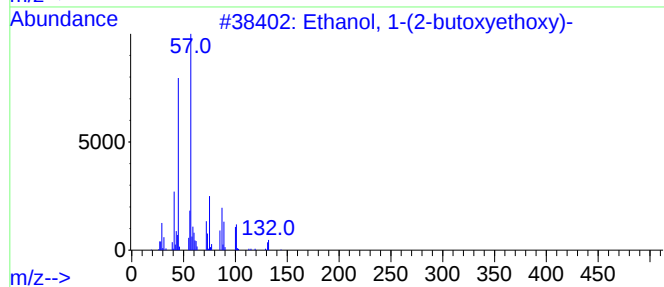
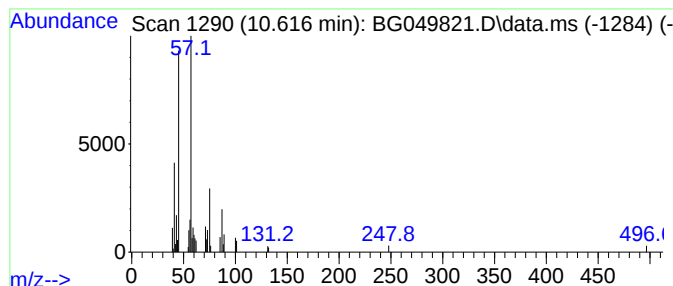
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TIC Integration Parameters: LSCINT.P

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Peak Number 3 Ethanol, 1-(2-butoxyethoxy)- Concentration Rank 3

| R.T.   | EstConc | Area  | Relative to ISTD | R.T.   |
|--------|---------|-------|------------------|--------|
| 10.616 | 3.87 ng | 65567 | Naphthalene-d8   | 10.857 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | Ethanol, 1-(2-butoxyethoxy)-        | 162 | C8H18O3  | 054446-78-5 | 64   |
| 2    |    |   | Ethanol, 2-(2-butoxyethoxy)-        | 162 | C8H18O3  | 000112-34-5 | 64   |
| 3    |    |   | Ethanol, 2-[2-(2-butoxyethoxy)et... | 206 | C10H22O4 | 000143-22-6 | 45   |
| 4    |    |   | Butane, 1,1'-[oxybis(2,1-ethaned... | 218 | C12H26O3 | 000112-73-2 | 45   |
| 5    |    |   | 5-O-Methyl-d-gluconic acid dimet... | 237 | C9H19NO6 | 013096-67-8 | 45   |



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| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |        |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|--------|------|
|                    |        |         |       |          | #                     | RT     | Resp   | Conc |
| Butane, 2-metho... | 3.138  | 12.1    | ng    | 134320   | 1                     | 8.037  | 221642 | 20.0 |
| 2-Pentanone, 4-... | 5.111  | 4.0     | ng    | 43719    | 1                     | 8.037  | 221642 | 20.0 |
| Ethanol, 1-(2-b... | 10.616 | 3.9     | ng    | 65567    | 2                     | 10.857 | 339011 | 20.0 |