

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF101221\  
 Data File : BF125805.D  
 Acq On : 12 Oct 2021 16:55  
 Operator : JU/CG  
 Sample : M4117-19  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-5(9.5-10.0)

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-BF100721.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF125805.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         | 2.116       | 3             | 5           | 12           | rVB      | 1177569        | 1162689       | 31.20%          | 4.308%        |
| 2         | 5.051       | 500           | 504         | 511          | rVB      | 158987         | 199754        | 5.36%           | 0.740%        |
| 3         | 5.457       | 568           | 573         | 576          | rBV      | 3346658        | 3014050       | 80.88%          | 11.169%       |
| 4         | 6.463       | 739           | 744         | 747          | rBV      | 2997349        | 2928836       | 78.60%          | 10.853%       |
| 5         | 6.839       | 805           | 808         | 812          | rBV      | 1326341        | 1122080       | 30.11%          | 4.158%        |
| 6         | 7.398       | 899           | 903         | 906          | rBV      | 2245558        | 1956771       | 52.51%          | 7.251%        |
| 7         | 8.022       | 1006          | 1009        | 1022         | rBV      | 368153         | 292268        | 7.84%           | 1.083%        |
| 8         | 8.122       | 1022          | 1026        | 1029         | rBV      | 1924185        | 1462966       | 39.26%          | 5.421%        |
| 9         | 9.198       | 1205          | 1209        | 1212         | rBV      | 4309999        | 3635970       | 97.57%          | 13.474%       |
| 10        | 9.875       | 1320          | 1324        | 1327         | rBV      | 1969498        | 1531951       | 41.11%          | 5.677%        |
| 11        | 10.657      | 1453          | 1457        | 1460         | rBV      | 2222658        | 1775712       | 47.65%          | 6.580%        |
| 12        | 11.357      | 1572          | 1576        | 1579         | rBV      | 1867378        | 1474315       | 39.56%          | 5.463%        |
| 13        | 12.939      | 1841          | 1845        | 1849         | rBV      | 4043977        | 3726474       | 100.00%         | 13.809%       |
| 14        | 13.839      | 1995          | 1998        | 2004         | rBV2     | 90038          | 122418        | 3.29%           | 0.454%        |
| 15        | 13.992      | 2020          | 2024        | 2027         | rBV      | 1537106        | 1399753       | 37.56%          | 5.187%        |
| 16        | 15.445      | 2266          | 2271        | 2275         | rBV      | 1012205        | 1179996       | 31.67%          | 4.373%        |

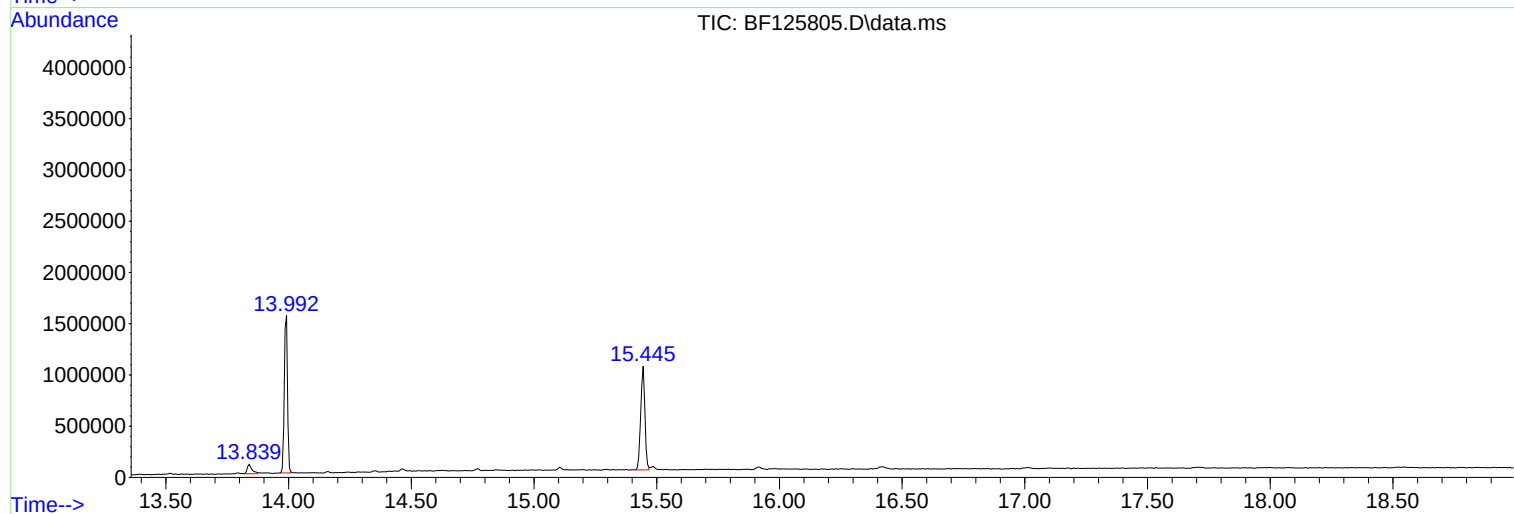
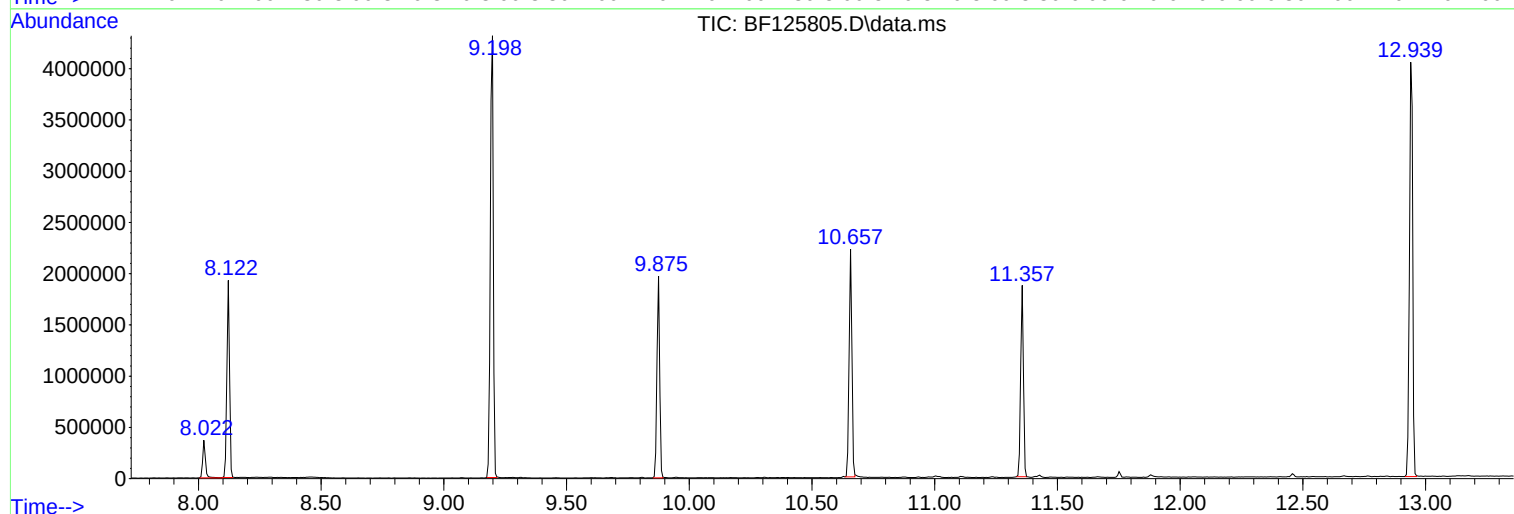
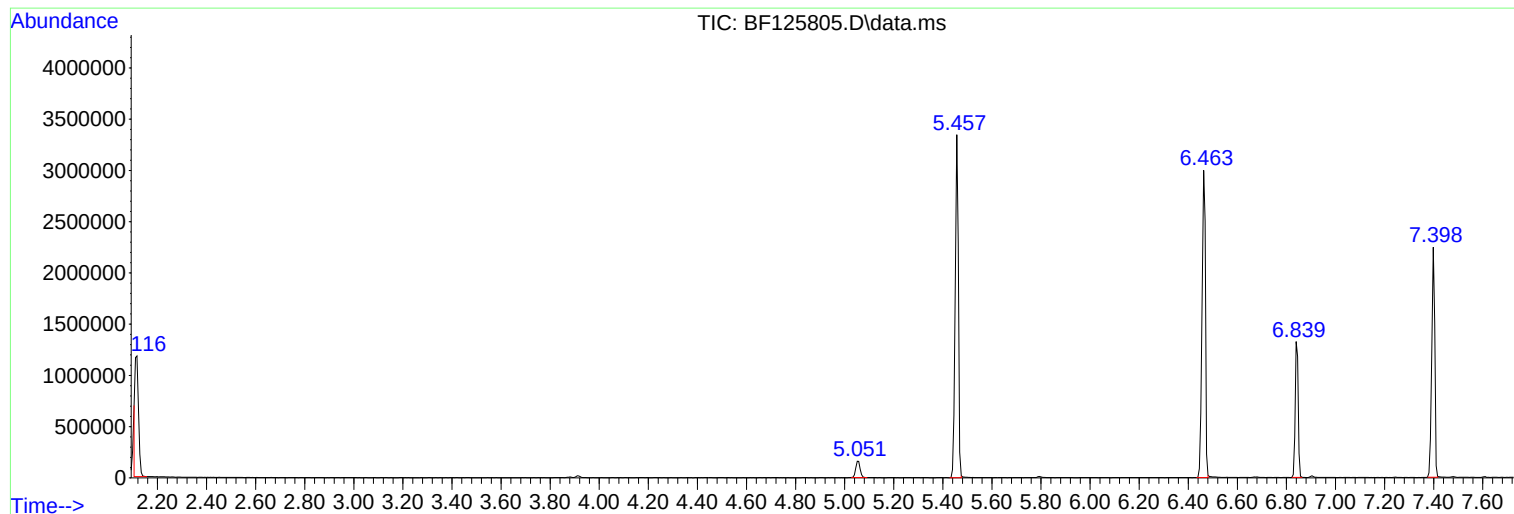
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SB-5(9.5-10.0)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF100721.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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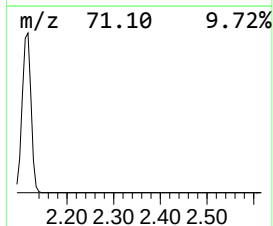
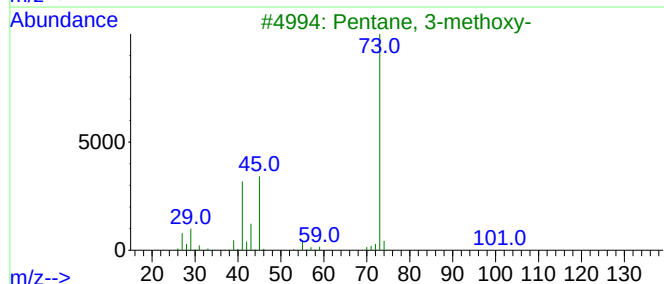
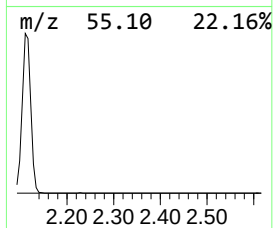
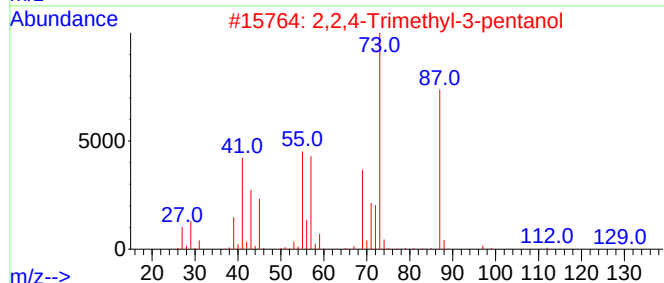
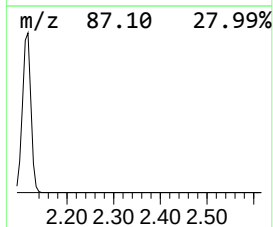
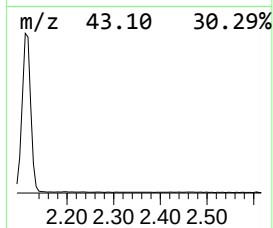
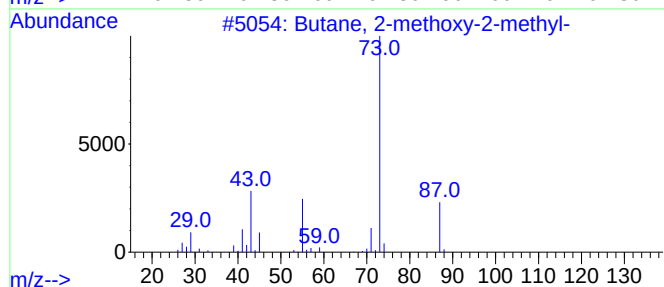
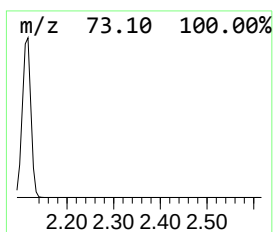
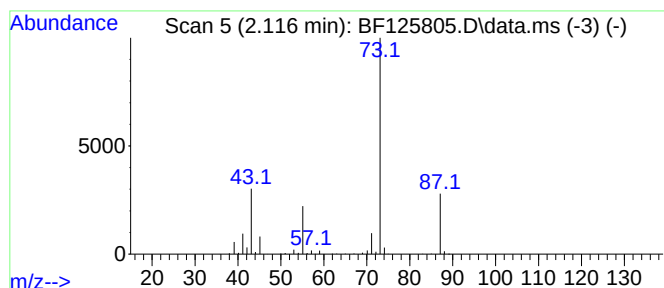
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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

| R.T.  | EstConc  | Area    | Relative to ISTD       | R.T.  |
|-------|----------|---------|------------------------|-------|
| 2.116 | 20.72 ng | 1162690 | 1,4-Dichlorobenzene-d4 | 6.839 |

| Hit# | of | 5 | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------------|-----|---------|-------------|------|
| 1    |    |   | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 72   |
| 2    |    |   | 2,2,4-Trimethyl-3-pentanol  | 130 | C8H18O  | 005162-48-1 | 43   |
| 3    |    |   | Pentane, 3-methoxy-         | 102 | C6H14O  | 036839-67-5 | 17   |
| 4    |    |   | N-Ethylformamide            | 73  | C3H7NO  | 000627-45-2 | 9    |
| 5    |    |   | 1,3-Dioxolane, 2-methyl-    | 88  | C4H8O2  | 000497-26-7 | 9    |



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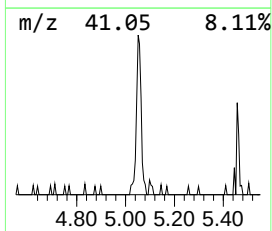
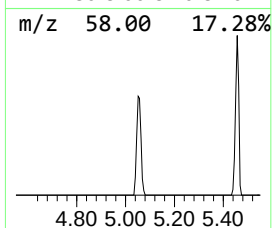
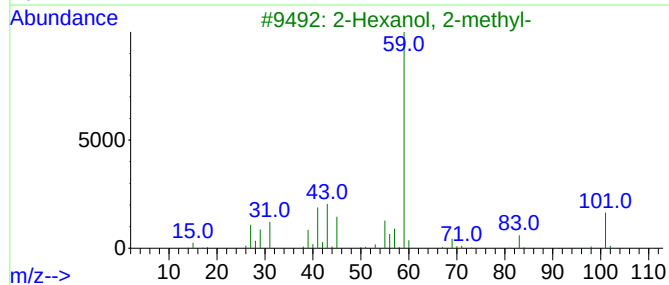
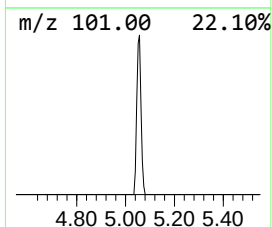
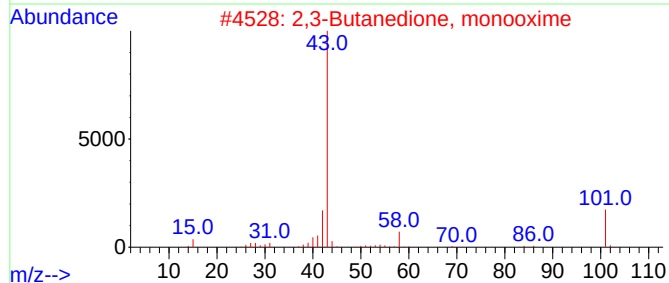
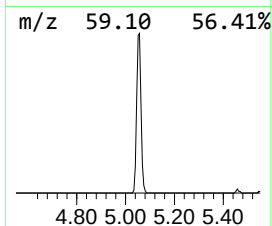
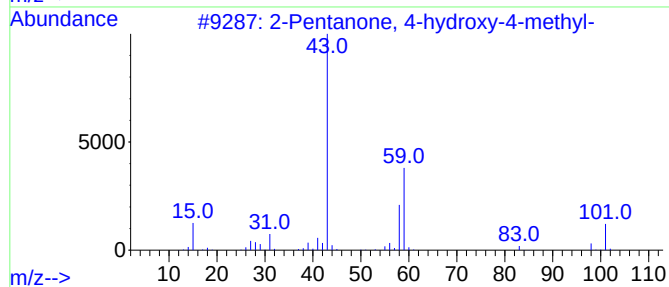
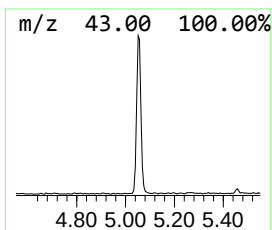
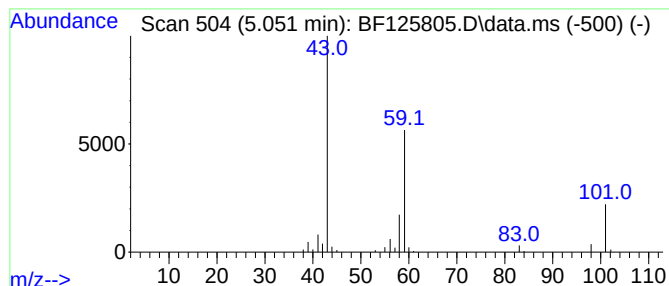
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TIC Library : C:\Database\NIST20.L  
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Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

| R.T.  | EstConc | Area   | Relative to ISTD       | R.T.  |
|-------|---------|--------|------------------------|-------|
| 5.051 | 3.56 ng | 199754 | 1,4-Dichlorobenzene-d4 | 6.839 |

| Hit# | of                                  | 5   | Tentative ID | MW          | MolForm | CAS# | Qual |
|------|-------------------------------------|-----|--------------|-------------|---------|------|------|
| 1    | 2-Pentanone, 4-hydroxy-4-methyl-    | 116 | C6H12O2      | 000123-42-2 | 45      |      |      |
| 2    | 2,3-Butanedione, monooxime          | 101 | C4H7NO2      | 000057-71-6 | 25      |      |      |
| 3    | 2-Hexanol, 2-methyl-                | 116 | C7H16O       | 000625-23-0 | 23      |      |      |
| 4    | Acetic acid, cyano-, 1,1-dimethy... | 141 | C7H11NO2     | 001116-98-9 | 17      |      |      |
| 5    | 1-Propen-2-ol, acetate              | 100 | C5H8O2       | 000108-22-5 | 10      |      |      |



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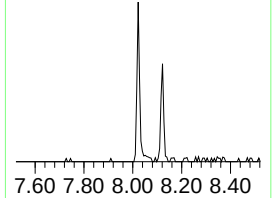
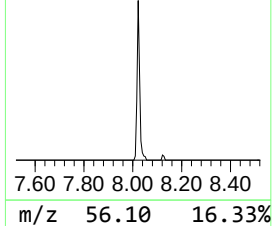
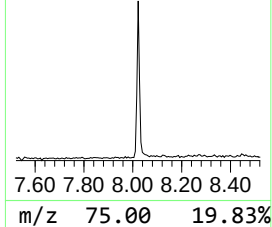
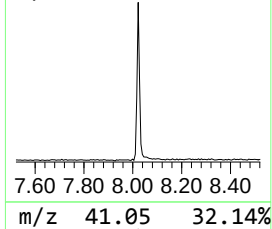
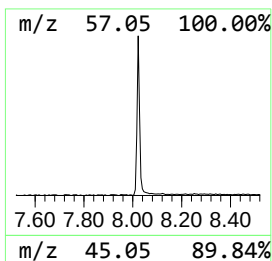
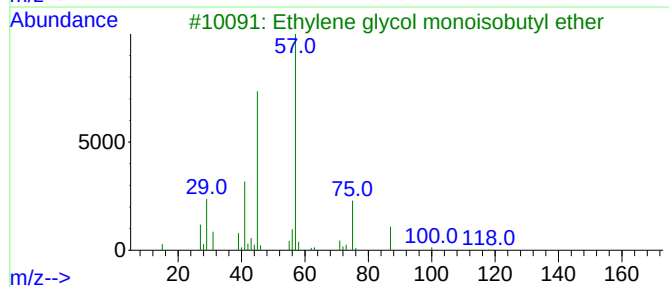
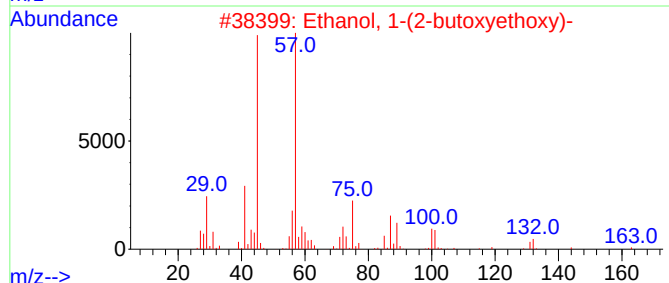
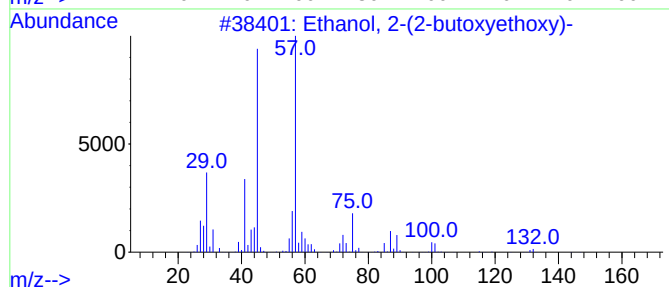
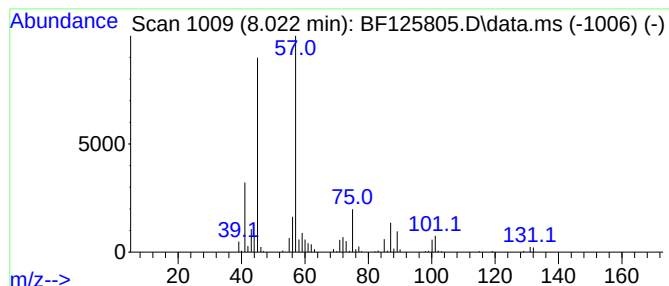
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Peak Number 3 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 2

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 8.022 | 4.00 ng | 292268 | Naphthalene-d8   | 8.122 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Ethanol, 2-(2-butoxyethoxy)-        | 162 | C8H18O3 | 000112-34-5 | 90   |
| 2    |    |   | Ethanol, 1-(2-butoxyethoxy)-        | 162 | C8H18O3 | 054446-78-5 | 78   |
| 3    |    |   | Ethylene glycol monoisobutyl ether  | 118 | C6H14O2 | 004439-24-1 | 64   |
| 4    |    |   | Ethanol, 2-[2-(2-methylpropoxy)e... | 162 | C8H18O3 | 018912-80-6 | 50   |
| 5    |    |   | Butane, 1-(1-methylpropoxy)-        | 130 | C8H18O  | 000999-65-5 | 50   |



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| TIC Top Hit name   | RT    | EstConc | Units | Response | --Internal Standard-- |       |         |      |
|--------------------|-------|---------|-------|----------|-----------------------|-------|---------|------|
|                    |       |         |       |          | #                     | RT    | Resp    | Conc |
| Butane, 2-metho... | 2.116 | 20.7    | ng    | 1162690  | 1                     | 6.839 | 1122080 | 20.0 |
| 2-Pentanone, 4-... | 5.051 | 3.6     | ng    | 199754   | 1                     | 6.839 | 1122080 | 20.0 |
| Ethanol, 2-(2-b... | 8.022 | 4.0     | ng    | 292268   | 2                     | 8.122 | 1462970 | 20.0 |