

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM071425\  
 Data File : BM050441.D  
 Acq On : 15 Jul 2025 00:53  
 Operator : RC/JU  
 Sample : Q2553-05  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 FB

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\_M\Methods\8270-BM070925.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM050441.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         | 3.040       | 5             | 9           | 28           | rVB      | 4841678        | 5864872       | 18.93%          | 5.641%        |
| 2         | 4.975       | 332           | 338         | 345          | rBV      | 262639         | 383395        | 1.24%           | 0.369%        |
| 3         | 5.434       | 409           | 416         | 426          | rBV      | 3488545        | 5028662       | 16.23%          | 4.837%        |
| 4         | 7.016       | 678           | 685         | 696          | rBV      | 2020622        | 3099976       | 10.01%          | 2.982%        |
| 5         | 7.857       | 821           | 828         | 836          | rBV      | 1165726        | 1904322       | 6.15%           | 1.832%        |
| 6         | 9.010       | 1016          | 1024        | 1034         | rBV      | 4505285        | 7391893       | 23.86%          | 7.110%        |
| 7         | 10.657      | 1296          | 1304        | 1317         | rBV      | 1379826        | 2435524       | 7.86%           | 2.343%        |
| 8         | 11.257      | 1401          | 1406        | 1417         | rVB      | 192521         | 323939        | 1.05%           | 0.312%        |
| 9         | 13.110      | 1714          | 1721        | 1732         | rBV      | 12051557       | 17377127      | 56.09%          | 16.714%       |
| 10        | 14.486      | 1947          | 1955        | 1970         | rBV      | 2160601        | 3257104       | 10.51%          | 3.133%        |
| 11        | 15.963      | 2199          | 2206        | 2233         | rBV      | 10001064       | 14057567      | 45.38%          | 13.521%       |
| 12        | 17.215      | 2412          | 2419        | 2431         | rBV2     | 2691006        | 3785148       | 12.22%          | 3.641%        |
| 13        | 19.827      | 2857          | 2863        | 2874         | rBV      | 26259455       | 30979629      | 100.00%         | 29.797%       |
| 14        | 21.433      | 3131          | 3136        | 3144         | rBV      | 2825946        | 4117522       | 13.29%          | 3.960%        |
| 15        | 24.462      | 3644          | 3651        | 3665         | rVB3     | 1602883        | 3962859       | 12.79%          | 3.812%        |

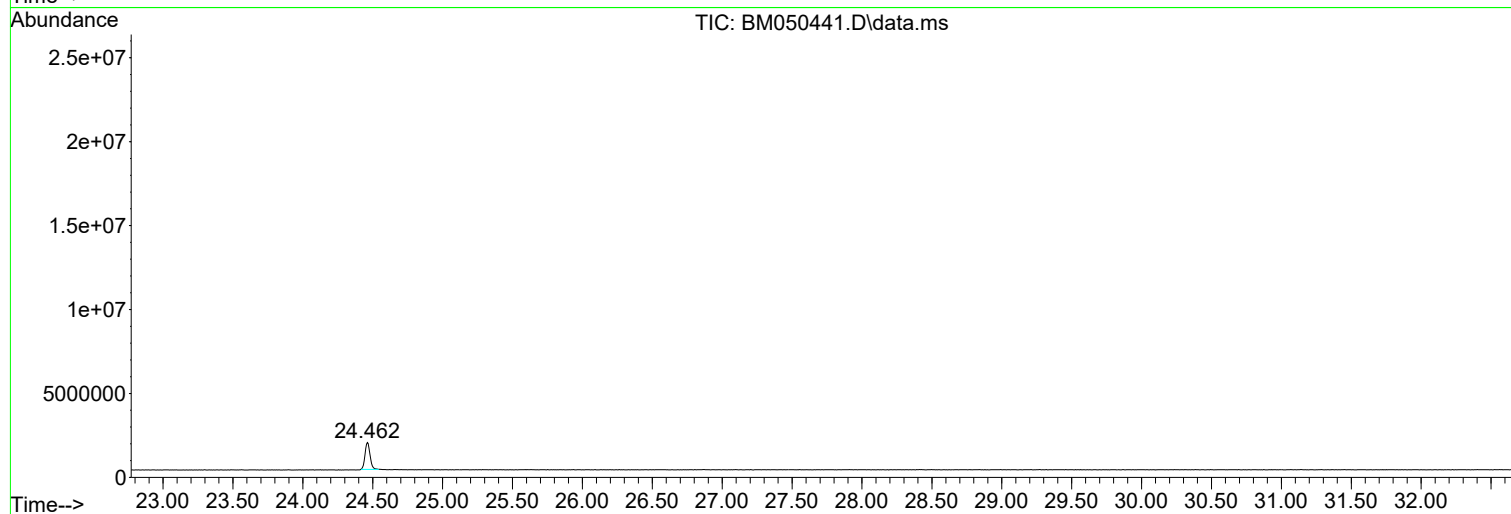
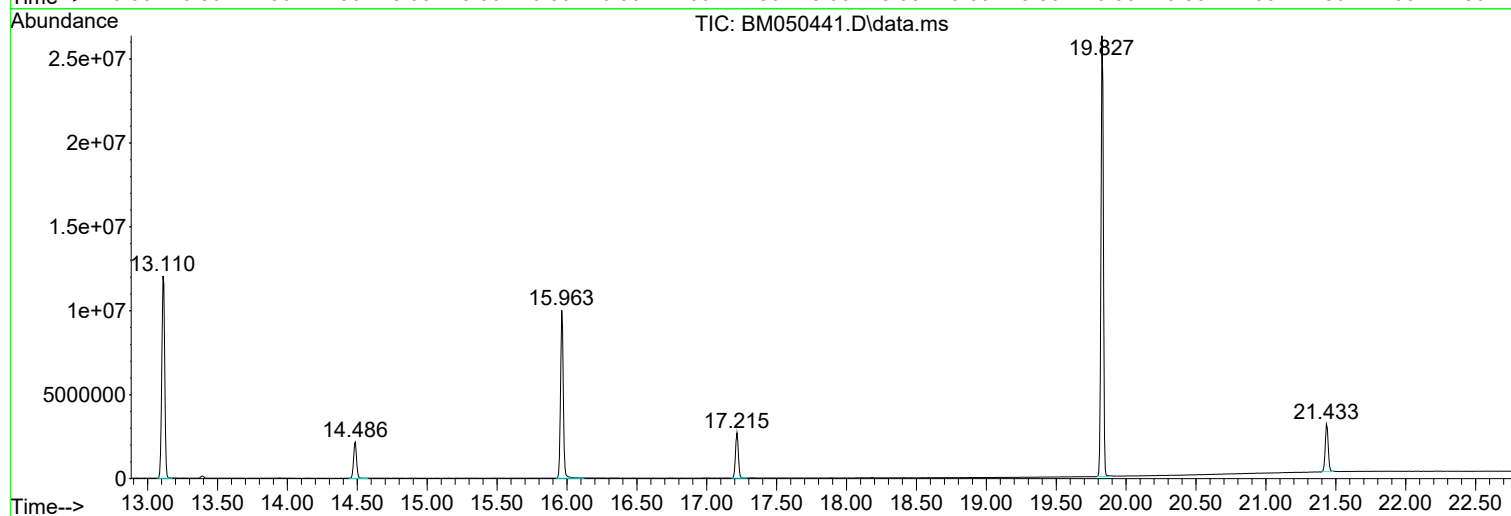
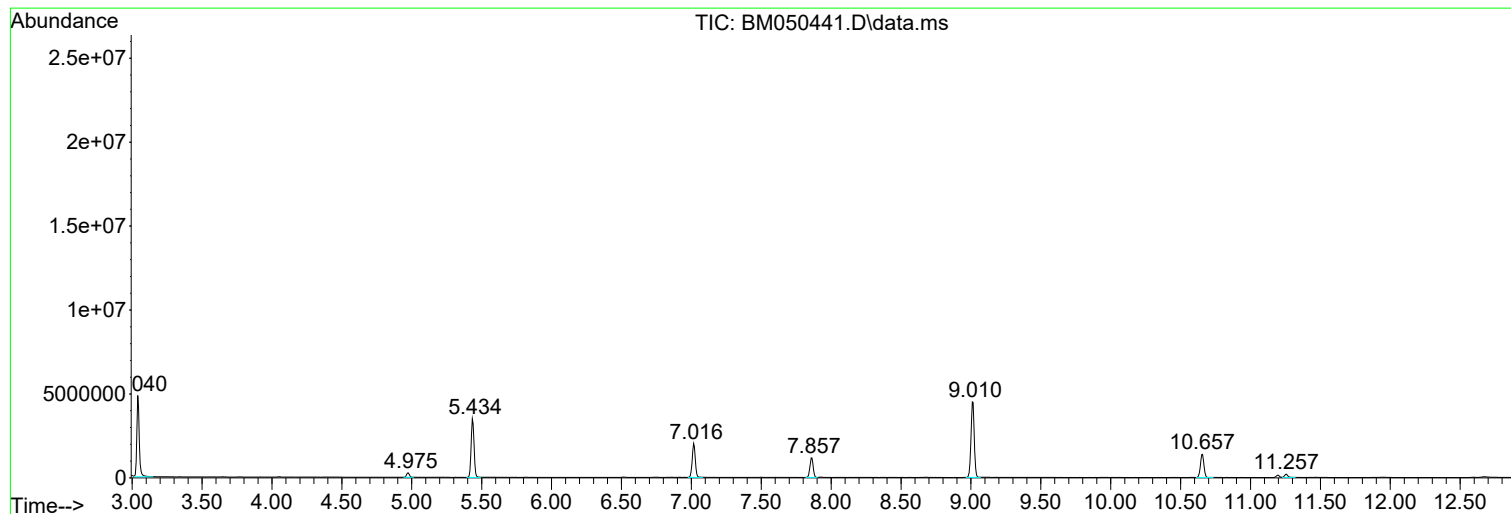
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM070925.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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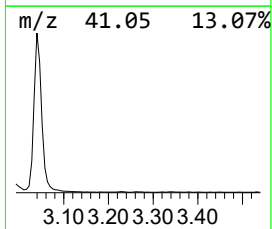
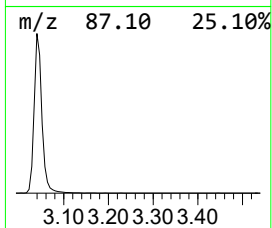
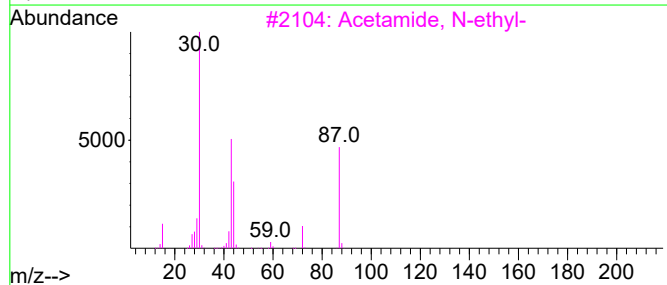
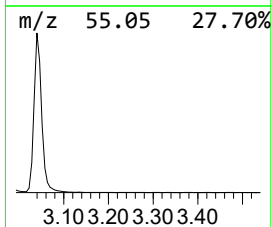
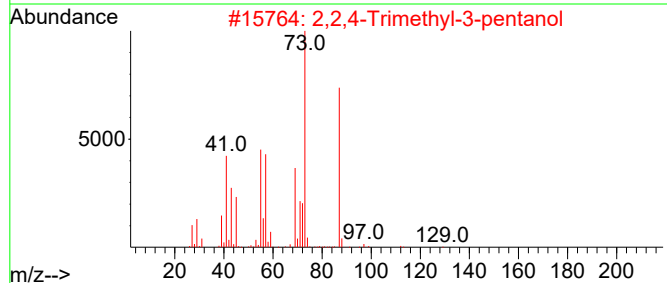
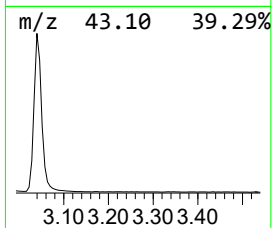
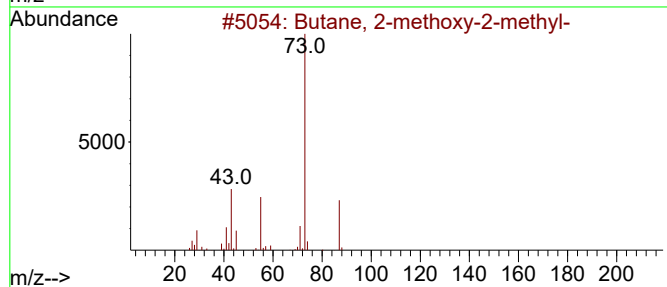
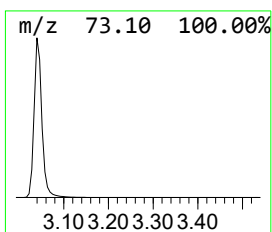
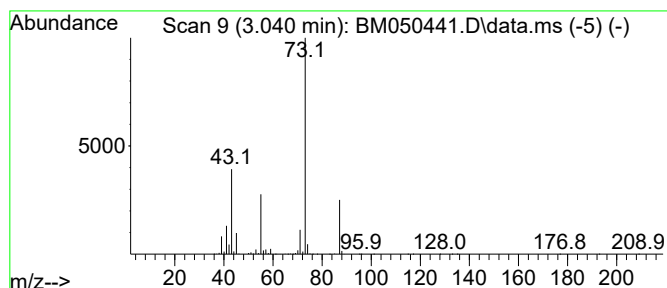
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM070925.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.  |
|-------|----------|---------|------------------------|-------|
| 3.040 | 61.60 ng | 5864870 | 1,4-Dichlorobenzene-d4 | 7.857 |

| Hit# | of | 5 | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------------|-----|---------|-------------|------|
| 1    |    |   | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 83   |
| 2    |    |   | 2,2,4-Trimethyl-3-pentanol  | 130 | C8H18O  | 005162-48-1 | 39   |
| 3    |    |   | Acetamide, N-ethyl-         | 87  | C4H9NO  | 000625-50-3 | 27   |
| 4    |    |   | 1,3-Dioxolane, 2-methyl-    | 88  | C4H8O2  | 000497-26-7 | 25   |
| 5    |    |   | Pentane, 3-methoxy-         | 102 | C6H14O  | 036839-67-5 | 12   |



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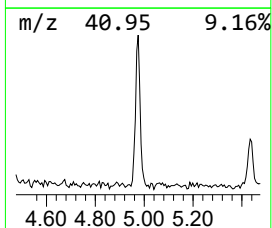
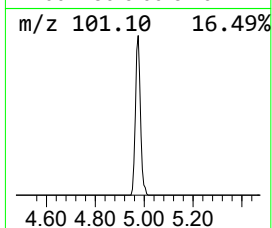
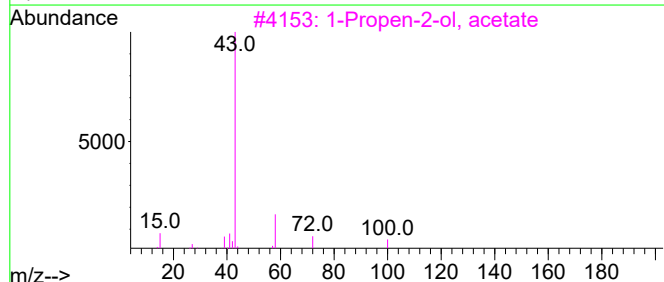
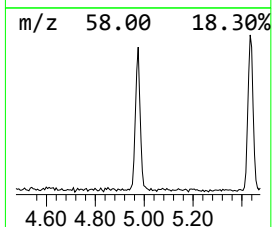
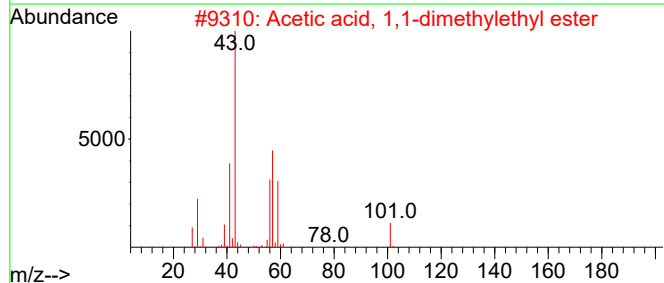
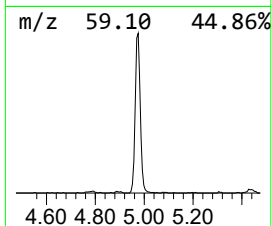
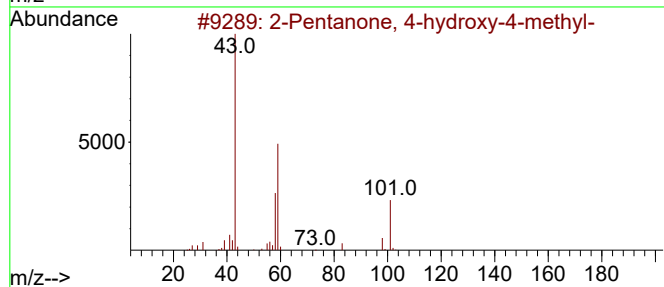
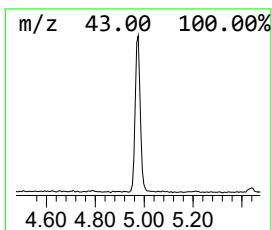
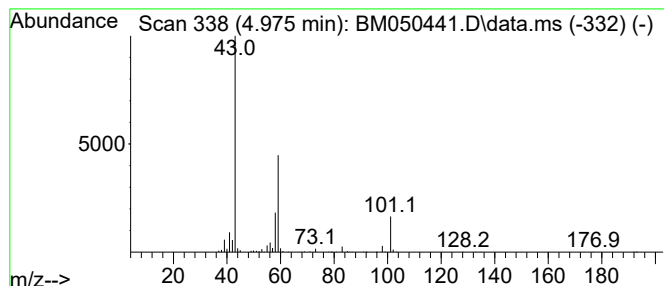
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Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

| R.T.  | EstConc | Area   | Relative to ISTD       | R.T.  |
|-------|---------|--------|------------------------|-------|
| 4.975 | 4.03 ng | 383395 | 1,4-Dichlorobenzene-d4 | 7.857 |

| Hit# | of 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|------|-------------------------------------|-----|---------|-------------|------|
| 1    |      | 2-Pentanone, 4-hydroxy-4-methyl-    | 116 | C6H12O2 | 000123-42-2 | 83   |
| 2    |      | Acetic acid, 1,1-dimethylethyl e... | 116 | C6H12O2 | 000540-88-5 | 25   |
| 3    |      | 1-Propen-2-ol, acetate              | 100 | C5H8O2  | 000108-22-5 | 10   |
| 4    |      | N-(n-Propyl)acetamide               | 101 | C5H11NO | 005331-48-6 | 9    |
| 5    |      | Acetone                             | 58  | C3H6O   | 000067-64-1 | 9    |



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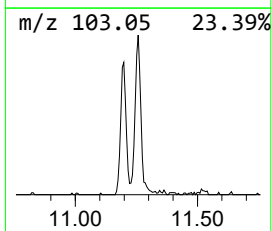
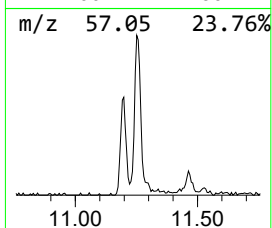
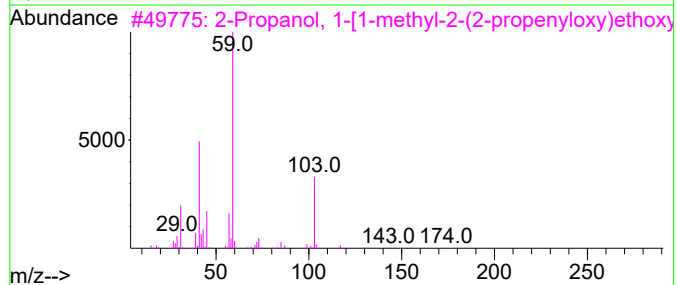
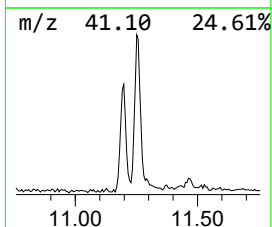
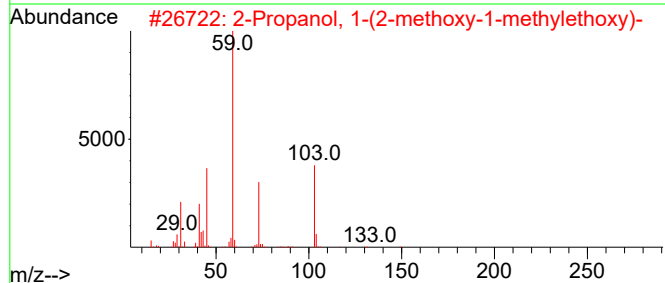
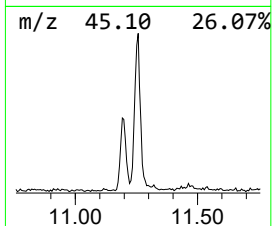
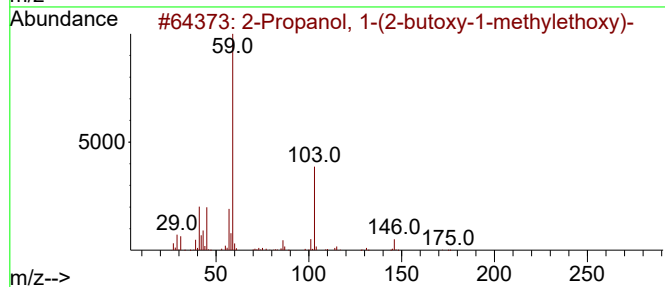
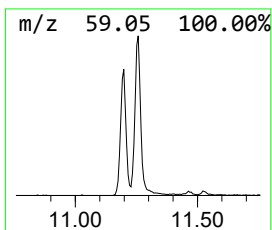
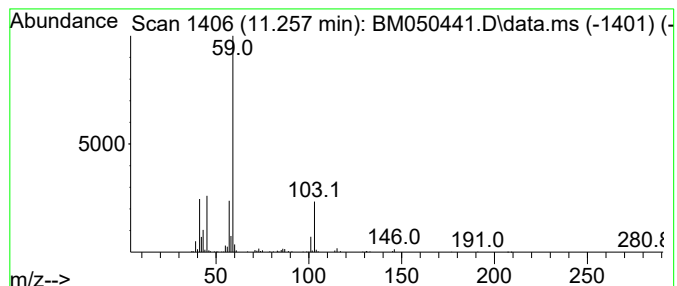
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TIC Integration Parameters: LSCINT.P

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Peak Number 3 2-Propanol, 1-(2-butoxy-1-m... Concentration Rank 3

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 11.257 | 2.66 ng | 323939 | Naphthalene-d8   | 10.657 |

| Hit# | of                                   | 5   | Tentative ID | MW          | MolForm | CAS# | Qual |
|------|--------------------------------------|-----|--------------|-------------|---------|------|------|
| 1    | 2-Propanol, 1-(2-butoxy-1-methyl...  | 190 | C10H22O3     | 029911-28-2 | 83      |      |      |
| 2    | 2-Propanol, 1-(2-methoxy-1-methyl... | 148 | C7H16O3      | 020324-32-7 | 72      |      |      |
| 3    | 2-Propanol, 1-[1-methyl-2-(2-pro...  | 174 | C9H18O3      | 055956-25-7 | 72      |      |      |
| 4    | 2,4-Diethyl-6-methyl-1,3,5-trioxane  | 160 | C8H16O3      | 117888-04-7 | 72      |      |      |
| 5    | 1-Propanol, 2,2'-oxybis-             | 134 | C6H14O3      | 000108-61-2 | 64      |      |      |



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| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |         |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|---------|------|
|                    |        |         |       |          | #                     | RT     | Resp    | Conc |
| Butane, 2-metho... | 3.040  | 61.6    | ng    | 5864870  | 1                     | 7.857  | 1904320 | 20.0 |
| 2-Pentanone, 4-... | 4.975  | 4.0     | ng    | 383395   | 1                     | 7.857  | 1904320 | 20.0 |
| 2-Propanol, 1-(... | 11.257 | 2.7     | ng    | 323939   | 2                     | 10.657 | 2435520 | 20.0 |