

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP081925\  
 Data File : BP025480.D  
 Acq On : 19 Aug 2025 17:36  
 Operator : CG/JU  
 Sample : Q2815-26  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 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\_P\Methods\8270E-BP081425.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP025480.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         | 3.037       | 13            | 17          | 35           | rVB      | 3577974        | 4832067       | 37.94%          | 9.598%        |
| 2         | 4.949       | 334           | 342         | 349          | rBV2     | 174896         | 266015        | 2.09%           | 0.528%        |
| 3         | 5.408       | 412           | 420         | 439          | rBV      | 1629320        | 2387671       | 18.75%          | 4.743%        |
| 4         | 6.966       | 675           | 685         | 696          | rBV      | 918189         | 1505404       | 11.82%          | 2.990%        |
| 5         | 7.790       | 818           | 825         | 832          | rBV      | 597387         | 971469        | 7.63%           | 1.930%        |
| 6         | 8.931       | 1011          | 1019        | 1035         | rBV      | 1979550        | 3269210       | 25.67%          | 6.494%        |
| 7         | 10.560      | 1287          | 1296        | 1307         | rBV      | 748250         | 1291280       | 10.14%          | 2.565%        |
| 8         | 11.096      | 1380          | 1387        | 1392         | rBV      | 77960          | 135749        | 1.07%           | 0.270%        |
| 9         | 11.154      | 1392          | 1397        | 1412         | rVB      | 108288         | 198057        | 1.56%           | 0.393%        |
| 10        | 13.013      | 1706          | 1713        | 1729         | rBV      | 4468635        | 6963223       | 54.67%          | 13.831%       |
| 11        | 14.401      | 1941          | 1949        | 1960         | rBV      | 1149610        | 1731006       | 13.59%          | 3.438%        |
| 12        | 15.907      | 2197          | 2205        | 2227         | rBV      | 3914717        | 5964122       | 46.83%          | 11.847%       |
| 13        | 17.195      | 2416          | 2424        | 2436         | rBV2     | 1317673        | 2204184       | 17.31%          | 4.378%        |
| 14        | 19.919      | 2881          | 2887        | 2892         | rBV      | 10019145       | 12736457      | 100.00%         | 25.299%       |
| 15        | 21.648      | 3174          | 3181        | 3190         | rBV      | 1646958        | 2857443       | 22.44%          | 5.676%        |
| 16        | 25.012      | 3745          | 3753        | 3768         | rVB      | 1124527        | 3030159       | 23.79%          | 6.019%        |

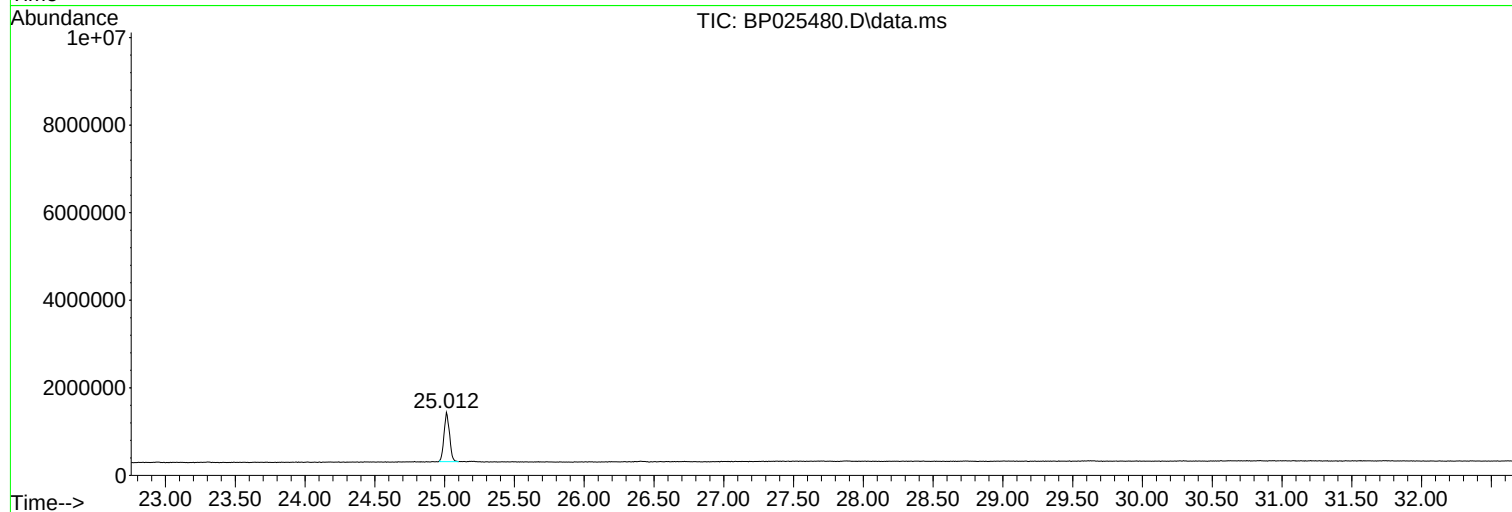
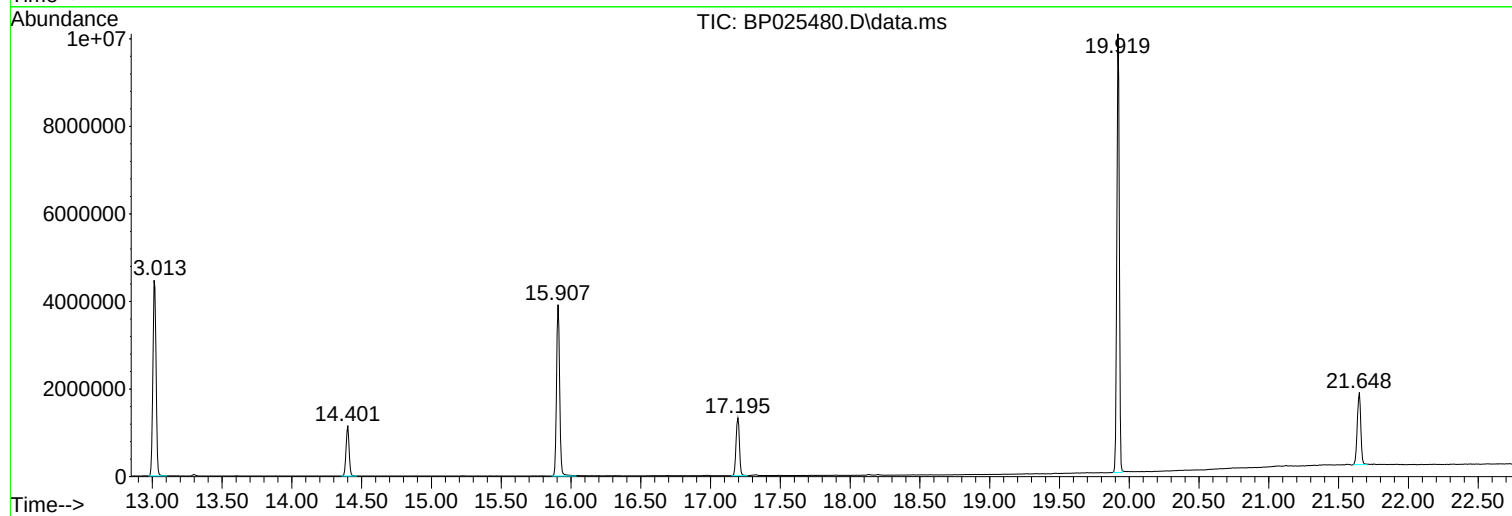
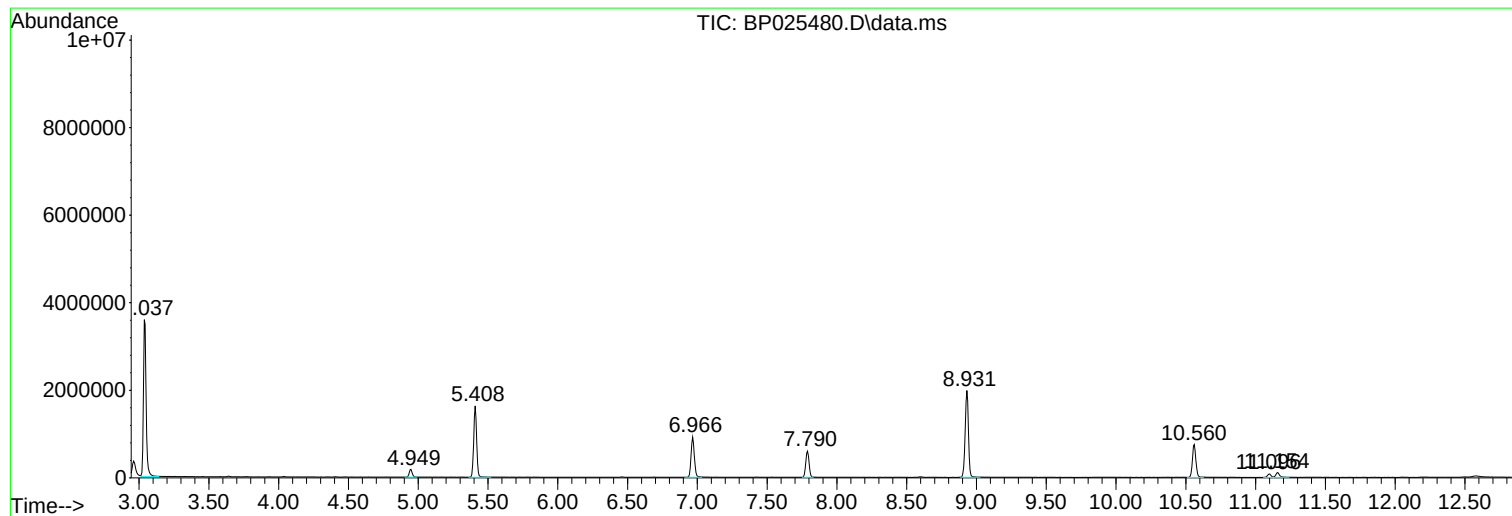
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BNA\_P  
ClientSampleId :  
FB

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP081425.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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ClientSampleId :  
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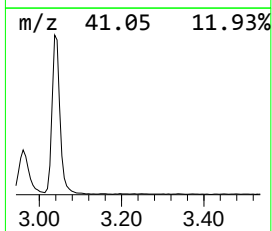
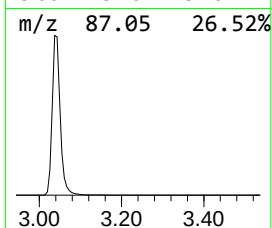
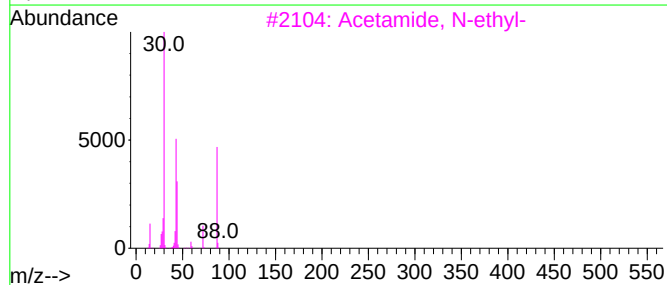
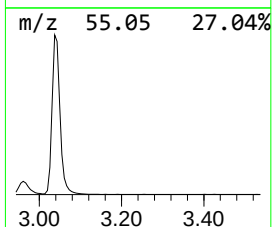
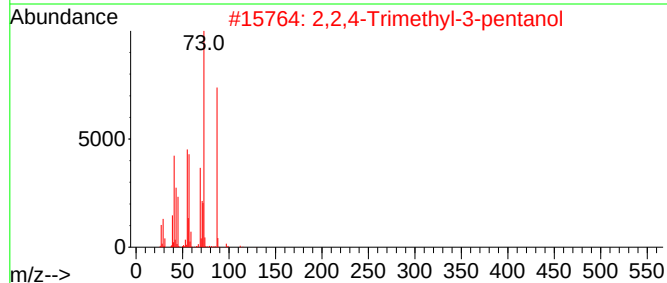
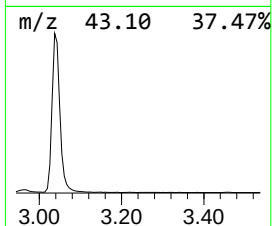
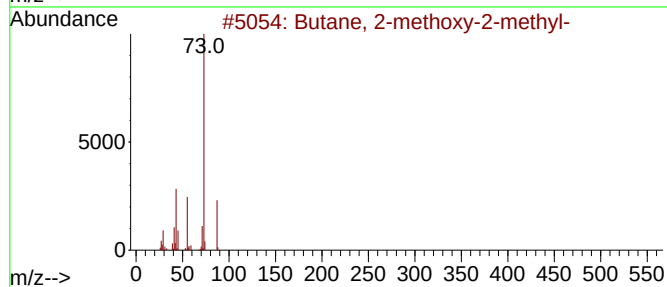
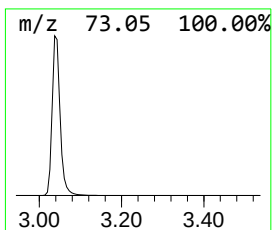
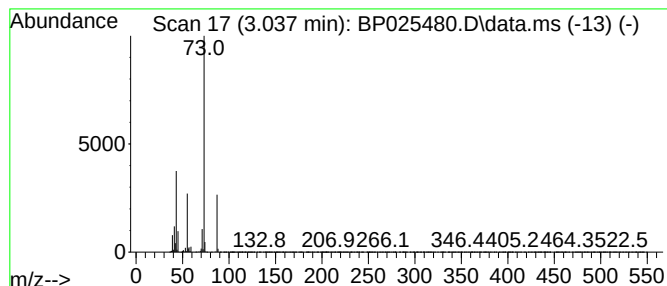
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP081425.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

| R.T.  | EstConc  | Area    | Relative to ISTD       | R.T.  |
|-------|----------|---------|------------------------|-------|
| 3.037 | 99.48 ng | 4832070 | 1,4-Dichlorobenzene-d4 | 7.790 |

| 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 | 40   |
| 3    |    |   | Acetamide, N-ethyl-         | 87  | C4H9NO  | 000625-50-3 | 22   |
| 4    |    |   | Pentane, 3-methoxy-         | 102 | C6H14O  | 036839-67-5 | 17   |
| 5    |    |   | N-Ethylformamide            | 73  | C3H7NO  | 000627-45-2 | 9    |



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Instrument :  
BNA\_P  
ClientSampleId :  
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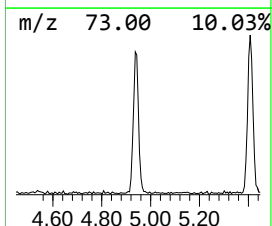
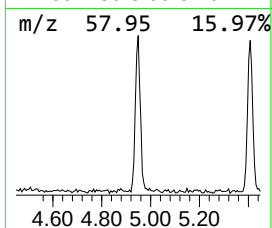
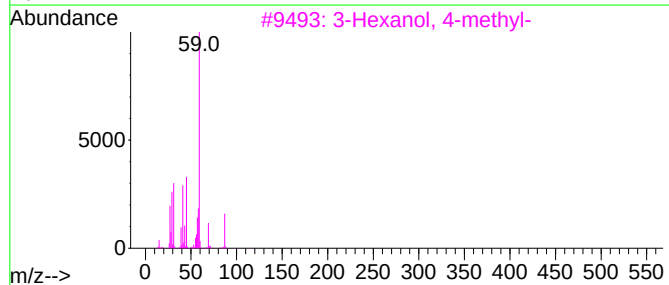
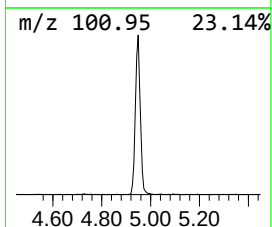
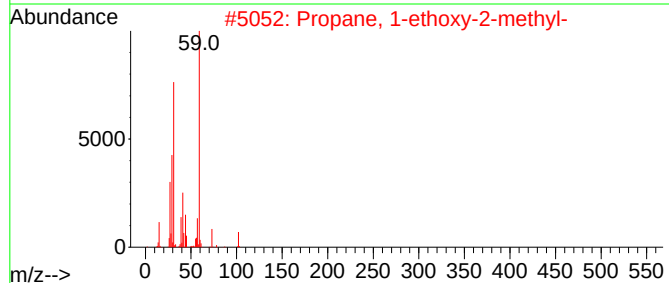
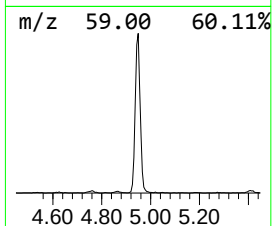
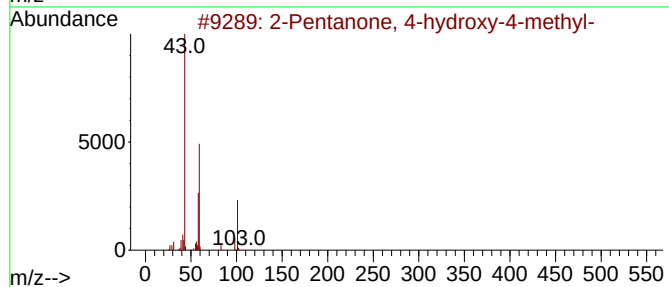
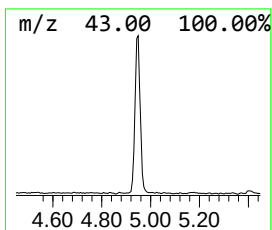
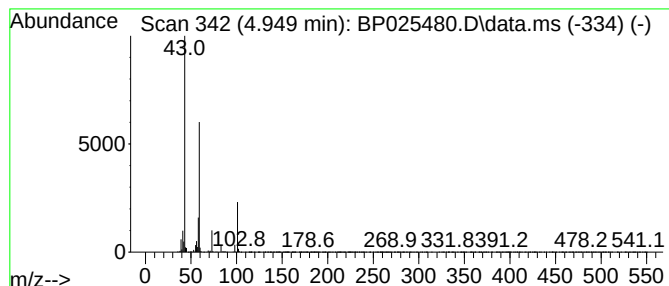
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

| R.T.  | EstConc | Area   | Relative to ISTD       | R.T.  |
|-------|---------|--------|------------------------|-------|
| 4.949 | 5.48 ng | 266015 | 1,4-Dichlorobenzene-d4 | 7.790 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | 2-Pentanone, 4-hydroxy-4-methyl-    | 116 | C6H12O2  | 000123-42-2 | 50   |
| 2    |    |   | Propane, 1-ethoxy-2-methyl-         | 102 | C6H14O   | 000627-02-1 | 23   |
| 3    |    |   | 3-Hexanol, 4-methyl-                | 116 | C7H16O   | 000615-29-2 | 17   |
| 4    |    |   | 2-Propanone, 1-(1-methylethoxy)-    | 116 | C6H12O2  | 042781-12-4 | 12   |
| 5    |    |   | Acetic acid, cyano-, 1,1-dimethy... | 141 | C7H11NO2 | 001116-98-9 | 12   |



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Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
FB

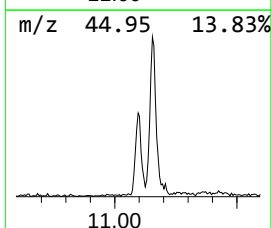
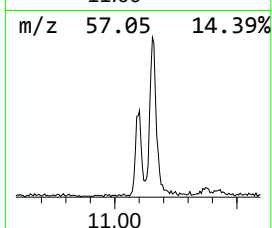
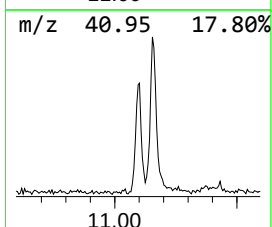
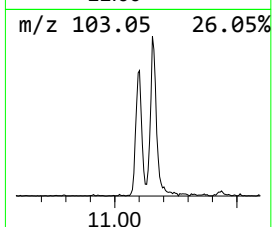
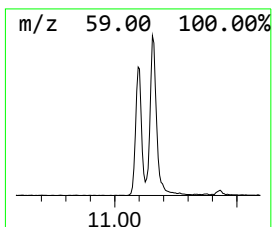
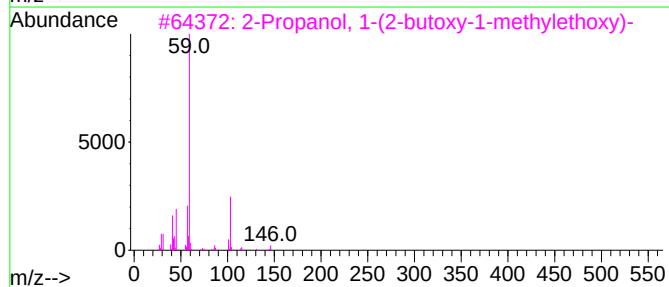
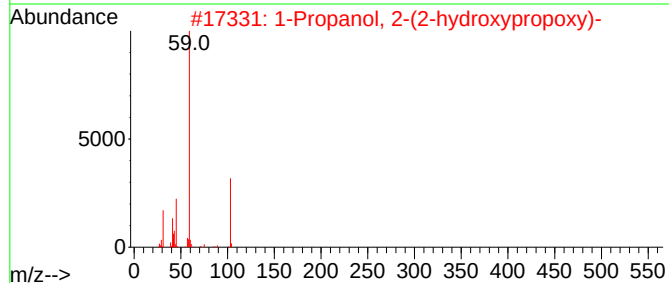
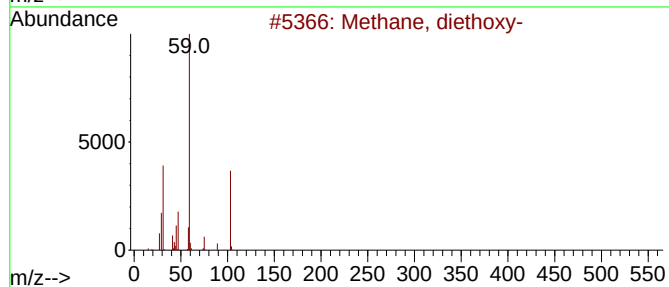
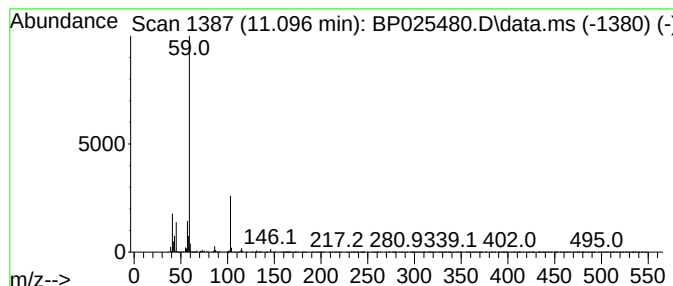
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 3 Methane, diethoxy- Concentration Rank 4

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 11.096 | 2.10 ng | 135749 | Naphthalene-d8   | 10.560 |

| Hit# | of | 5 | Tentative ID                         | MW  | MolForm  | CAS#         | Qual |
|------|----|---|--------------------------------------|-----|----------|--------------|------|
| 1    |    |   | Methane, diethoxy-                   | 104 | C5H12O2  | 000462-95-3  | 80   |
| 2    |    |   | 1-Propanol, 2-(2-hydroxypropoxy)-    | 134 | C6H14O3  | 000106-62-7  | 78   |
| 3    |    |   | 2-Propanol, 1-(2-butoxy-1-methyl...) | 190 | C10H22O3 | 029911-28-2  | 78   |
| 4    |    |   | 2-Propanol, 1-[1-methyl-2-(2-pro...] | 174 | C9H18O3  | 055956-25-7  | 64   |
| 5    |    |   | Dipropylene glycol (isomer 2)        | 134 | C6H14O3  | 1000506-25-4 | 64   |



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ALS Vial : 12 Sample Multiplier: 1

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BNA\_P  
ClientSampleId :  
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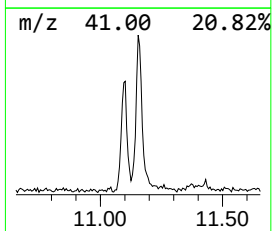
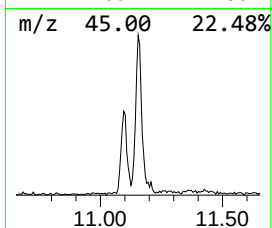
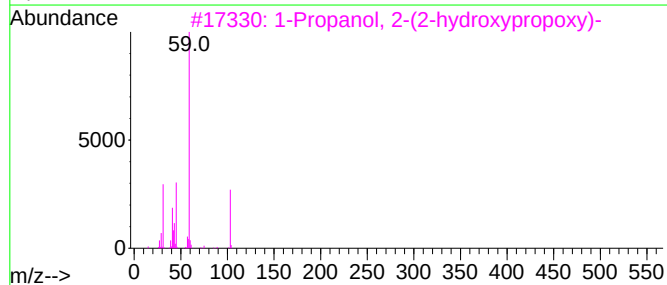
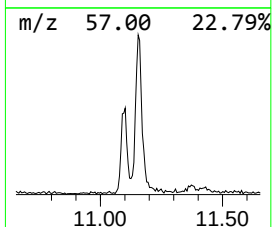
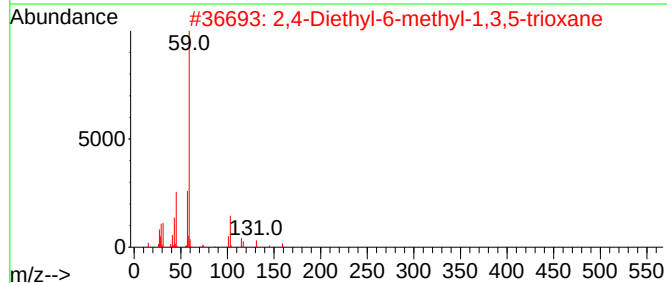
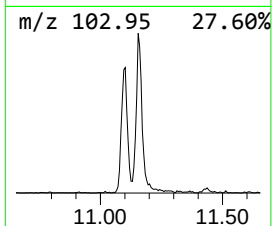
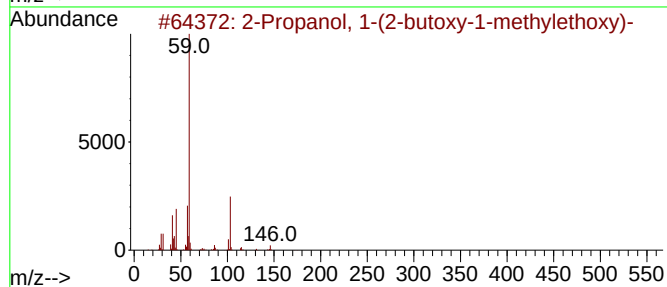
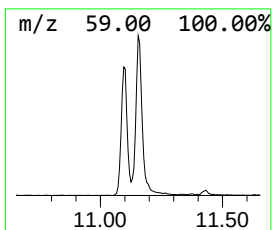
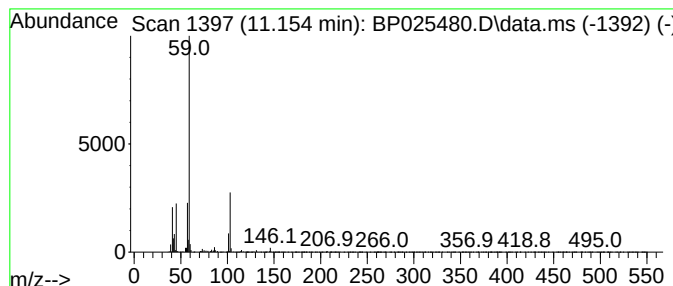
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\*\*\*\*\*  
Peak Number 4 2-Propanol, 1-(2-butoxy-1-m... Concentration Rank 3

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 11.154 | 3.07 ng | 198057 | Naphthalene-d8   | 10.560 |

| Hit# | of                                  | 5   | Tentative ID | MW           | MolForm | CAS# | Qual |
|------|-------------------------------------|-----|--------------|--------------|---------|------|------|
| 1    | 2-Propanol, 1-(2-butoxy-1-methyl... | 190 | C10H22O3     | 029911-28-2  | 83      |      |      |
| 2    | 2,4-Diethyl-6-methyl-1,3,5-trioxane | 160 | C8H16O3      | 117888-04-7  | 78      |      |      |
| 3    | 1-Propanol, 2-(2-hydroxypropoxy)-   | 134 | C6H14O3      | 000106-62-7  | 78      |      |      |
| 4    | Hexaethylene glycol dimethyl ether  | 310 | C14H30O7     | 001072-40-8  | 78      |      |      |
| 5    | 1,4,7-Trimethyl-3,6-dioxaoctane...  | 192 | C9H20O4      | 1000423-63-2 | 72      |      |      |



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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 |
| Butane, 2-metho... | 3.037  | 99.5    | ng    | 4832070  | 1                     | 7.790  | 971469  | 20.0 |
| 2-Pentanone, 4-... | 4.949  | 5.5     | ng    | 266015   | 1                     | 7.790  | 971469  | 20.0 |
| Methane, diethoxy- | 11.096 | 2.1     | ng    | 135749   | 2                     | 10.560 | 1291280 | 20.0 |
| 2-Propanol, 1-(... | 11.154 | 3.1     | ng    | 198057   | 2                     | 10.560 | 1291280 | 20.0 |