

Data Path : V:\HPCHEM1\BNA\_F\DATA\BF070816\  
 Data File : BF088833.D  
 Acq On : 8 Jul 2016 19:26  
 Operator : UM/SJ  
 Sample : H3813-03 50X  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 P001-DL002-01

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:\HPCHEM1\BNA\_F\METHODS\8270-BF063016.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

| 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         | 1.815       | 18            | 20          | 74           | rVB      | 1501027        | 3118844       | 51.05%          | 24.609%       |
| 2         | 3.256       | 108           | 146         | 147          | rBV      | 354703         | 6109264       | 100.00%         | 48.204%       |
| 3         | 6.730       | 448           | 450         | 452          | rBV      | 488471         | 467557        | 7.65%           | 3.689%        |
| 4         | 8.010       | 560           | 562         | 565          | rBV      | 690373         | 613213        | 10.04%          | 4.838%        |
| 5         | 9.759       | 713           | 715         | 718          | rVB      | 831749         | 714263        | 11.69%          | 5.636%        |
| 6         | 11.234      | 842           | 844         | 847          | rBV      | 775574         | 692420        | 11.33%          | 5.463%        |
| 7         | 11.599      | 874           | 876         | 879          | rBV      | 50161          | 65713         | 1.08%           | 0.518%        |
| 8         | 13.862      | 1071          | 1074        | 1076         | rBV      | 386435         | 472694        | 7.74%           | 3.730%        |
| 9         | 15.234      | 1192          | 1194        | 1197         | rBV      | 355788         | 419734        | 6.87%           | 3.312%        |

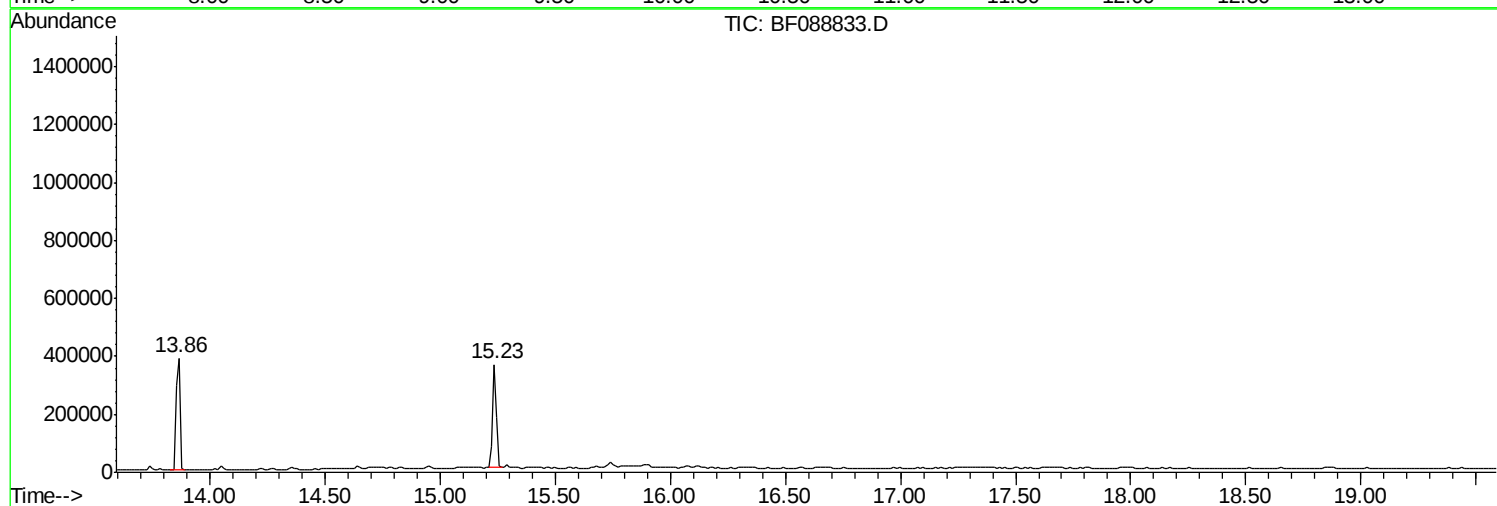
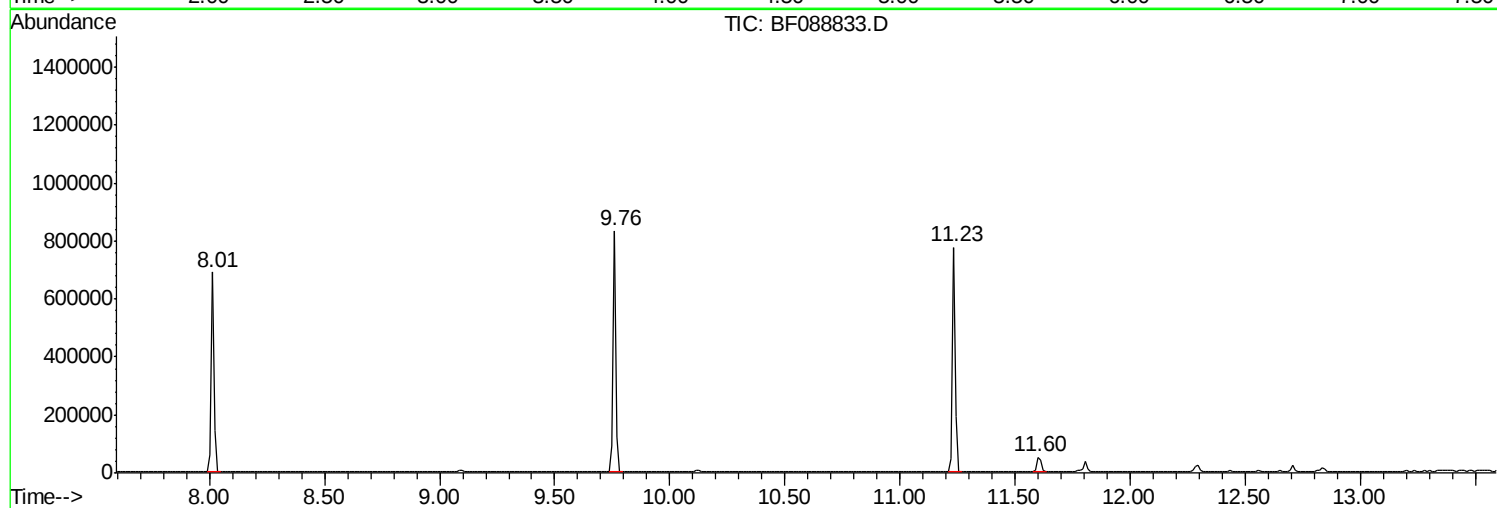
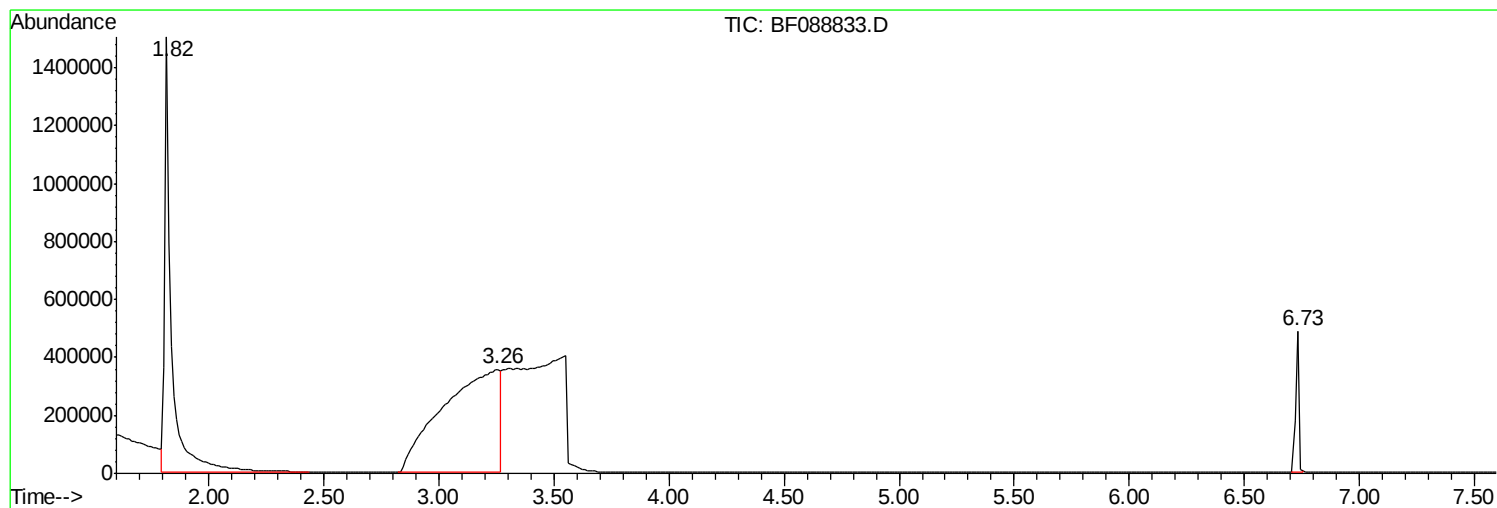
Sum of corrected areas: 12673702

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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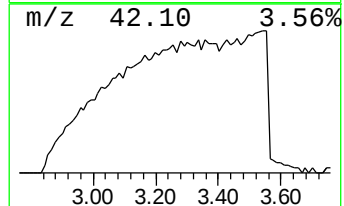
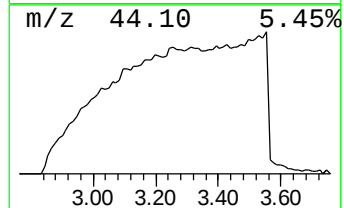
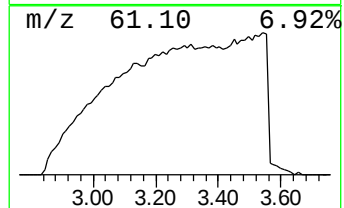
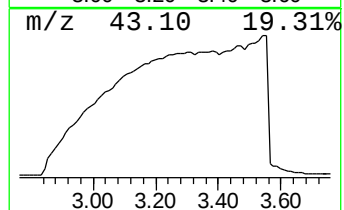
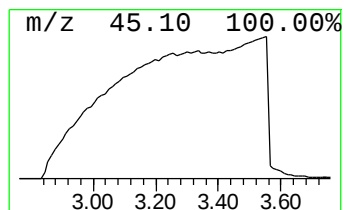
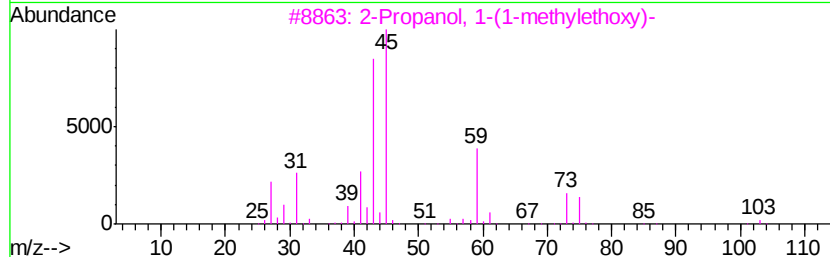
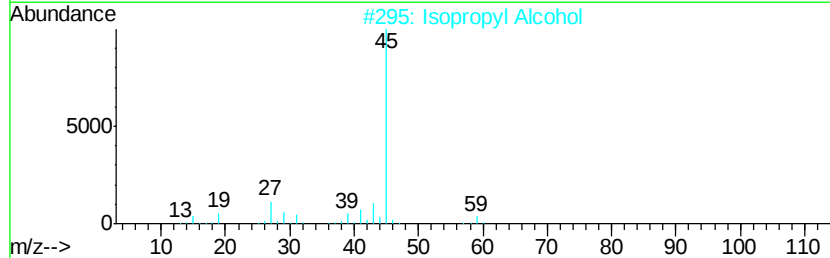
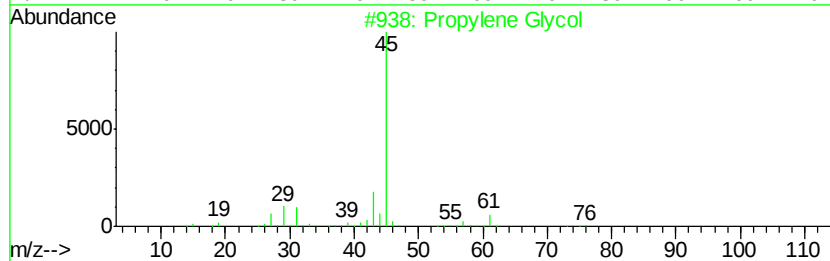
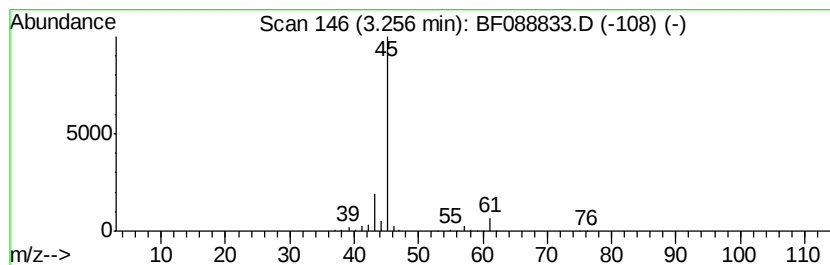
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Peak Number 2 Propylene Glycol Concentration Rank 1

| R.T. | EstConc   | Area    | Relative to ISTD       | R.T. |
|------|-----------|---------|------------------------|------|
| 3.26 | 261.33 ng | 6109260 | 1,4-Dichlorobenzene-d4 | 6.73 |

| Hit# | of | Tentative ID                    | MW  | MolForm | CAS#        | Qual |
|------|----|---------------------------------|-----|---------|-------------|------|
| 1    | 5  | Propylene Glycol                | 76  | C3H8O2  | 000057-55-6 | 90   |
| 2    |    | Isopropyl Alcohol               | 60  | C3H8O   | 000067-63-0 | 9    |
| 3    |    | 2-Propanol, 1-(1-methylethoxy)- | 118 | C6H14O2 | 003944-36-3 | 9    |
| 4    |    | (S)-(+)-1,2-Propanediol         | 76  | C3H8O2  | 004254-15-3 | 9    |
| 5    |    | 2-Butanol, 3-methyl-            | 88  | C5H12O  | 000598-75-4 | 9    |



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| TIC Top Hit name | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                  |      |         |       |          | #                     | RT   | Resp   | Conc |
| Propylene Glycol | 3.26 | 261.3   | ng    | 6109260  | 1                     | 6.73 | 467557 | 20.0 |