

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF021422\  
 Data File : BF126881.D  
 Acq On : 14 Feb 2022 19:57  
 Operator : CG\JU  
 Sample : N1513-07  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 20220071-103-21-SITE-WATER

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-BF020922.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF126881.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         | 5.557       | 551           | 556         | 559          | rBV      | 2251322        | 2043651       | 45.45%          | 9.020%        |
| 2         | 6.551       | 720           | 725         | 728          | rBV      | 1815609        | 1599861       | 35.58%          | 7.061%        |
| 3         | 6.939       | 787           | 791         | 794          | rBV      | 855590         | 701541        | 15.60%          | 3.096%        |
| 4         | 7.504       | 881           | 887         | 890          | rBV      | 2691325        | 2698124       | 60.00%          | 11.909%       |
| 5         | 8.116       | 987           | 991         | 1002         | rBV      | 75086          | 96124         | 2.14%           | 0.424%        |
| 6         | 8.222       | 1005          | 1009        | 1012         | rBV      | 1101320        | 955806        | 21.26%          | 4.219%        |
| 7         | 9.298       | 1186          | 1192        | 1195         | rBV      | 4971594        | 4496555       | 100.00%         | 19.847%       |
| 8         | 9.980       | 1303          | 1308        | 1311         | rBV      | 1162478        | 1062979       | 23.64%          | 4.692%        |
| 9         | 10.769      | 1437          | 1442        | 1445         | rBV      | 3117240        | 2938238       | 65.34%          | 12.969%       |
| 10        | 11.469      | 1557          | 1561        | 1564         | rBV      | 1308073        | 1067965       | 23.75%          | 4.714%        |
| 11        | 11.845      | 1622          | 1625        | 1628         | rVB      | 59004          | 49709         | 1.11%           | 0.219%        |
| 12        | 13.057      | 1826          | 1831        | 1834         | rBV      | 3955549        | 3742407       | 83.23%          | 16.518%       |
| 13        | 13.963      | 1980          | 1985        | 1993         | rBV5     | 25429          | 73454         | 1.63%           | 0.324%        |
| 14        | 14.110      | 2006          | 2010        | 2019         | rVB      | 636905         | 552706        | 12.29%          | 2.440%        |
| 15        | 15.615      | 2261          | 2266        | 2276         | rBV      | 408038         | 577275        | 12.84%          | 2.548%        |

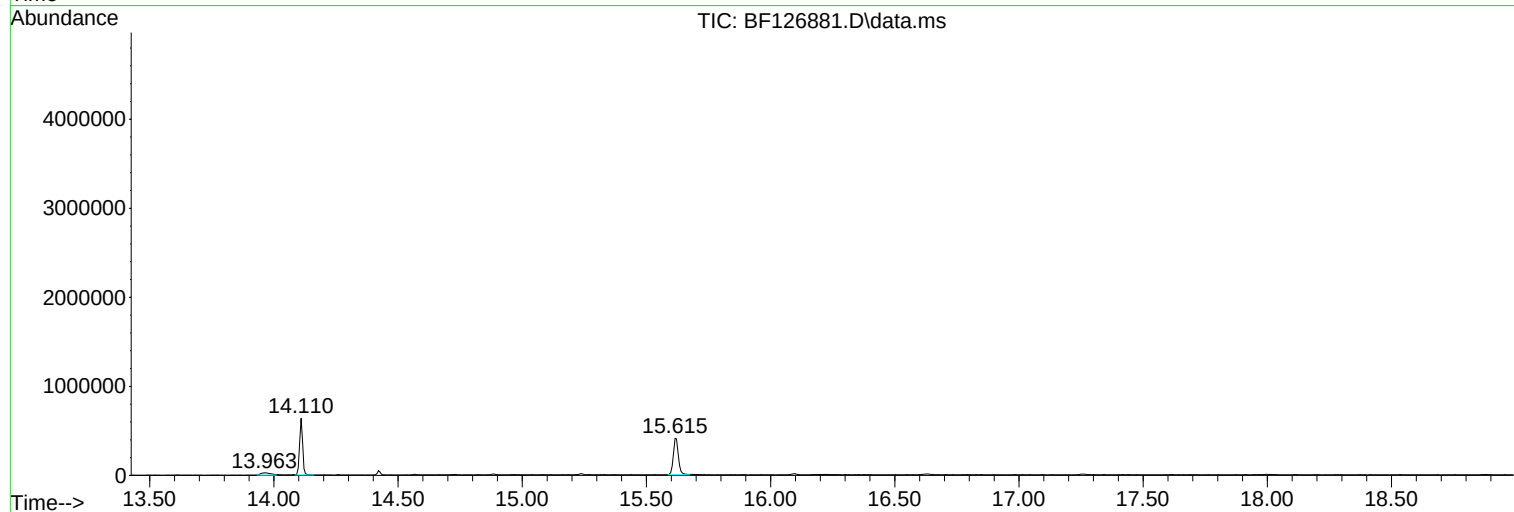
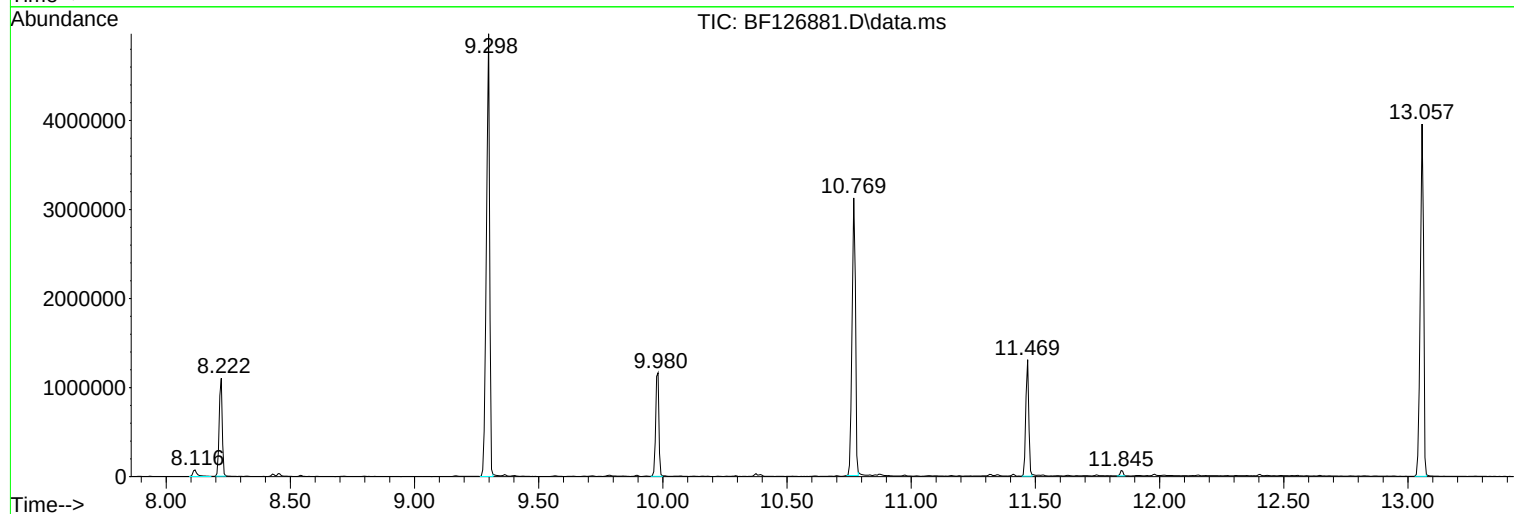
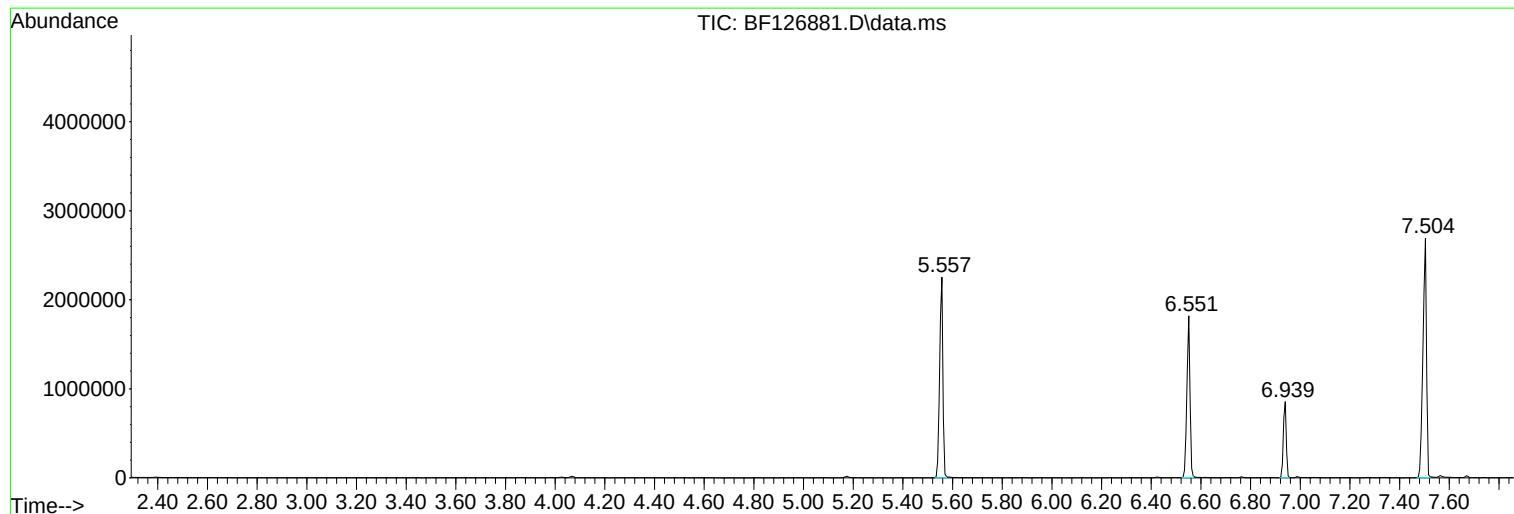
Sum of corrected areas: 22656395

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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF020922.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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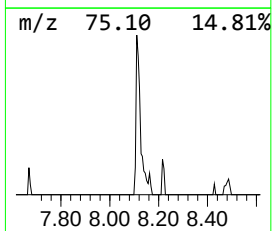
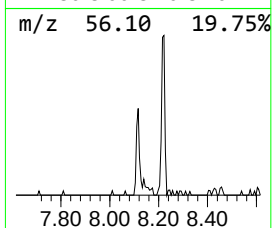
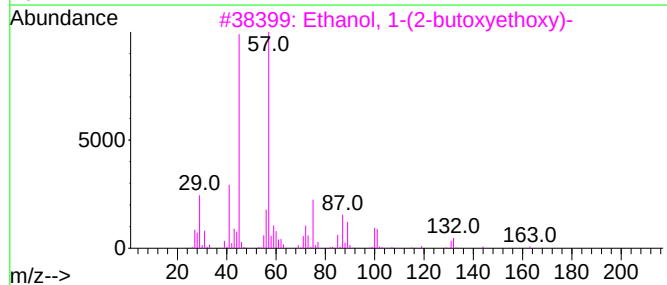
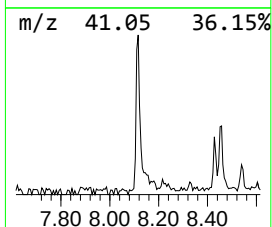
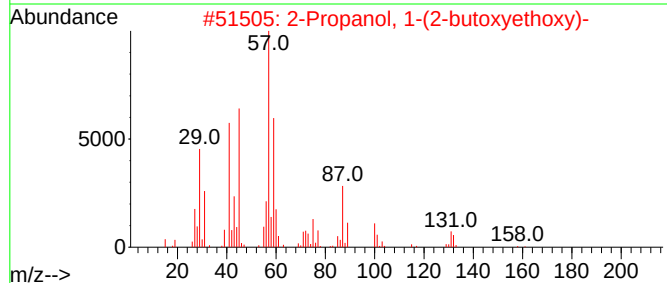
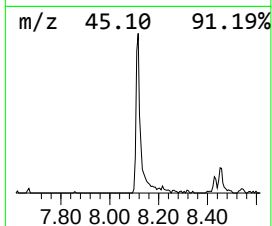
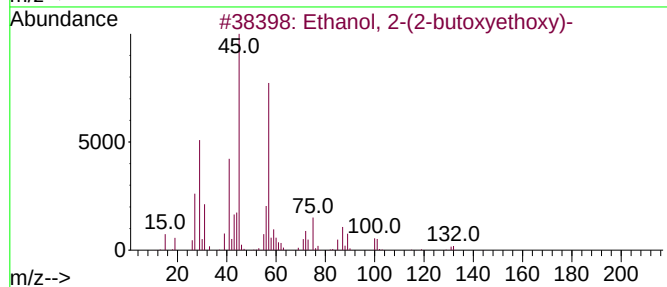
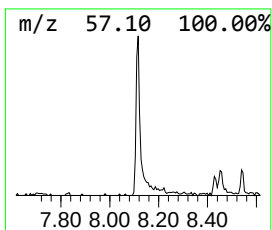
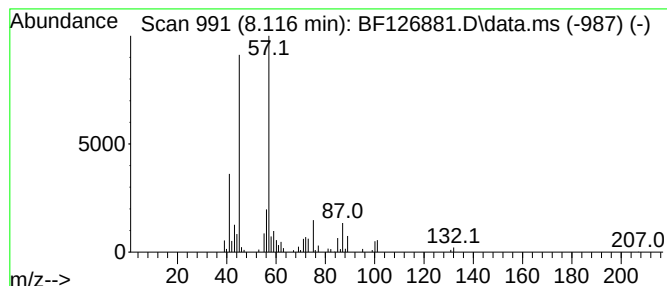
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF020922.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

| R.T.  | EstConc | Area  | Relative to ISTD | R.T.  |
|-------|---------|-------|------------------|-------|
| 8.116 | 2.01 ng | 96124 | Naphthalene-d8   | 8.222 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Ethanol, 2-(2-butoxyethoxy)-        | 162 | C8H18O3 | 000112-34-5 | 90   |
| 2    |    |   | 2-Propanol, 1-(2-butoxyethoxy)-     | 176 | C9H20O3 | 000124-16-3 | 78   |
| 3    |    |   | Ethanol, 1-(2-butoxyethoxy)-        | 162 | C8H18O3 | 054446-78-5 | 72   |
| 4    |    |   | Ethanol, 2-[2-(2-methylpropoxy)e... | 162 | C8H18O3 | 018912-80-6 | 56   |
| 5    |    |   | Ethanol, 2-butoxy-                  | 118 | C6H14O2 | 000111-76-2 | 53   |



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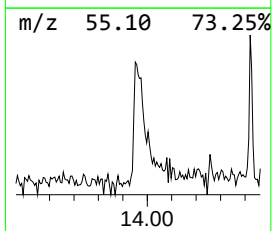
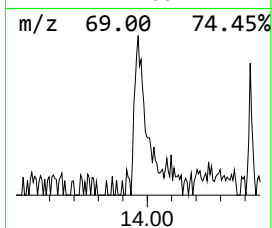
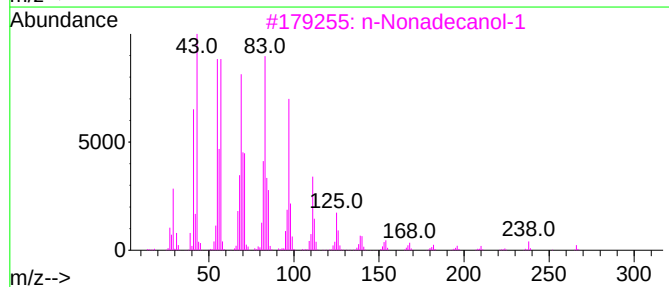
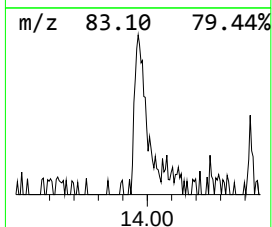
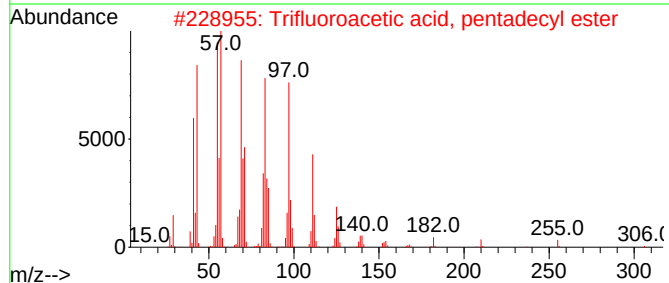
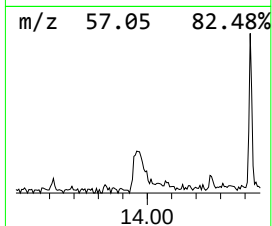
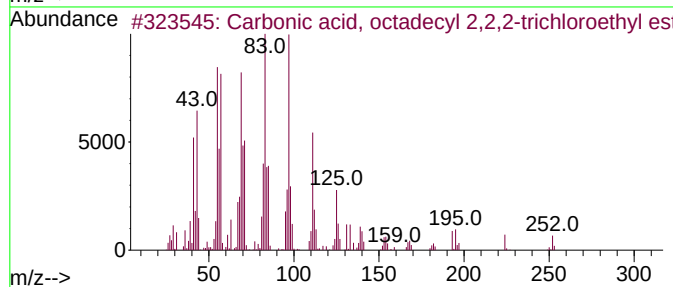
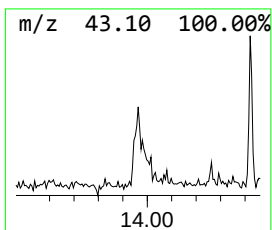
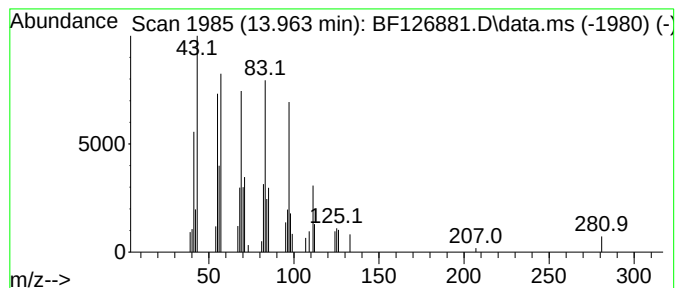
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Peak Number 2 Carbonic acid, octadecyl 2,... Concentration Rank 1

| R.T.   | EstConc | Area  | Relative to ISTD | R.T.   |
|--------|---------|-------|------------------|--------|
| 13.963 | 2.66 ng | 73454 | Chrysene-d12     | 14.110 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm     | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-------------|--------------|------|
| 1    |    |   | Carbonic acid, octadecyl 2,2,2-t... | 444 | C21H39Cl3O3 | 1000314-56-3 | 93   |
| 2    |    |   | Trifluoroacetic acid, pentadecyl... | 324 | C17H31F3O2  | 959010-23-2  | 91   |
| 3    |    |   | n-Nonadecanol-1                     | 284 | C19H40O     | 001454-84-8  | 90   |
| 4    |    |   | Bromoacetic acid, pentadecyl ester  | 348 | C17H33BrO2  | 131143-01-6  | 90   |
| 5    |    |   | Behenic alcohol                     | 326 | C22H46O     | 000661-19-8  | 87   |



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| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |        |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|--------|------|
|                    |        |         |       |          | #                     | RT     | Resp   | Conc |
| Ethanol, 2-(2-b... | 8.116  | 2.0     | ng    | 96124    | 2                     | 8.222  | 955806 | 20.0 |
| Carbonic acid, ... | 13.963 | 2.7     | ng    | 73454    | 5                     | 14.110 | 552706 | 20.0 |