

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP110421\  
 Data File : BP007855.D  
 Acq On : 04 Nov 2021 19:10  
 Operator : CG/JU  
 Sample : M4497-01  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 RO-COMP-1

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-BP110221.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP007855.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         | 5.493       | 367           | 375         | 388          | rBV      | 3030083        | 4864442       | 45.61%          | 9.604%        |
| 2         | 7.087       | 638           | 646         | 658          | rBV      | 2995145        | 4893135       | 45.88%          | 9.660%        |
| 3         | 7.911       | 778           | 786         | 794          | rBV      | 684861         | 1104039       | 10.35%          | 2.180%        |
| 4         | 9.069       | 975           | 983         | 1001         | rBV      | 1788816        | 3008542       | 28.21%          | 5.940%        |
| 5         | 10.493      | 1219          | 1225        | 1236         | rBV      | 152491         | 257346        | 2.41%           | 0.508%        |
| 6         | 10.710      | 1254          | 1262        | 1271         | rBV      | 876459         | 1500732       | 14.07%          | 2.963%        |
| 7         | 13.175      | 1673          | 1681        | 1696         | rBV      | 4771330        | 7057596       | 66.17%          | 13.933%       |
| 8         | 14.551      | 1908          | 1915        | 1923         | rBV      | 1330244        | 2016569       | 18.91%          | 3.981%        |
| 9         | 16.045      | 2162          | 2169        | 2179         | rBV      | 3789196        | 5646395       | 52.94%          | 11.147%       |
| 10        | 17.304      | 2377          | 2383        | 2388         | rBV      | 1664749        | 2392977       | 22.44%          | 4.724%        |
| 11        | 17.434      | 2398          | 2405        | 2412         | rVB3     | 94285          | 155797        | 1.46%           | 0.308%        |
| 12        | 19.316      | 2721          | 2725        | 2731         | rVB      | 148861         | 181359        | 1.70%           | 0.358%        |
| 13        | 19.669      | 2781          | 2785        | 2792         | rVB2     | 128867         | 194291        | 1.82%           | 0.384%        |
| 14        | 19.869      | 2814          | 2819        | 2825         | rBV      | 8694492        | 10665130      | 100.00%         | 21.056%       |
| 15        | 21.110      | 3026          | 3030        | 3036         | rBV      | 703028         | 808739        | 7.58%           | 1.597%        |
| 16        | 21.398      | 3074          | 3079        | 3084         | rBV      | 2206051        | 2877538       | 26.98%          | 5.681%        |
| 17        | 23.833      | 3486          | 3493        | 3504         | rVB2     | 1442134        | 3027759       | 28.39%          | 5.978%        |

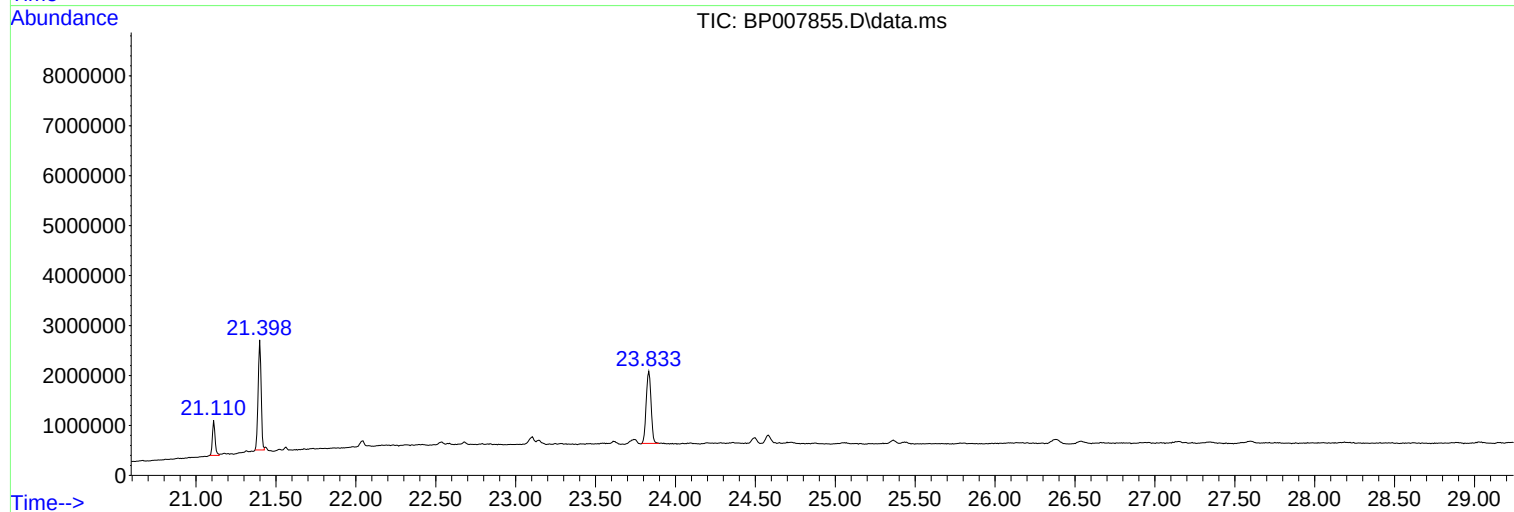
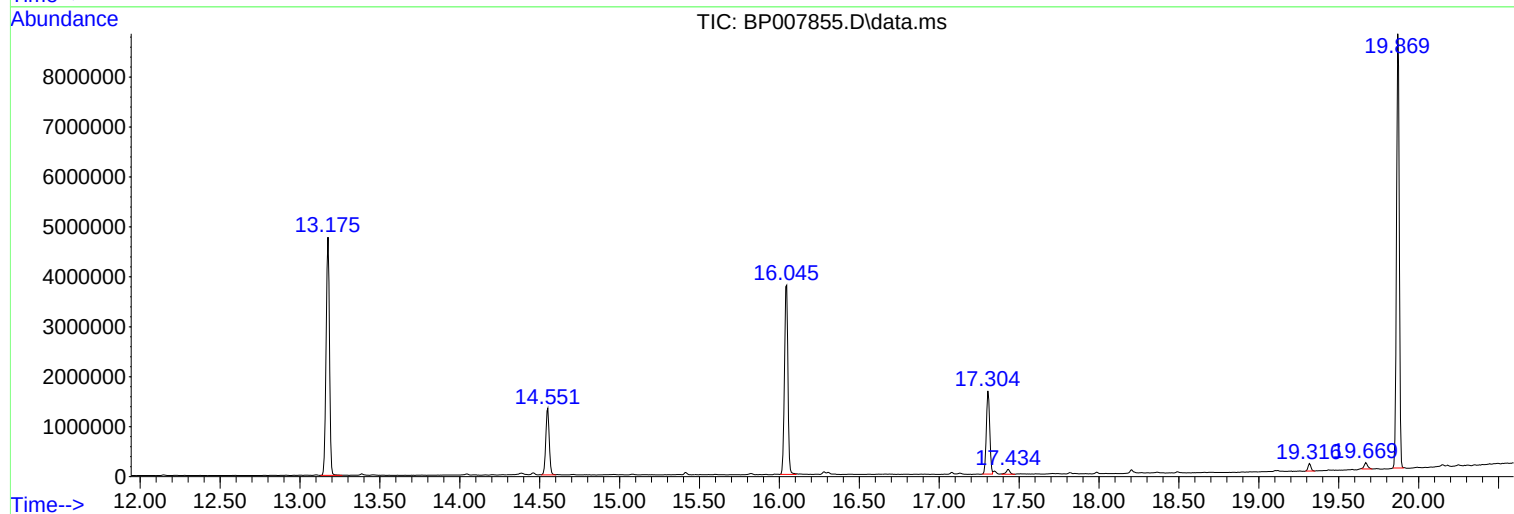
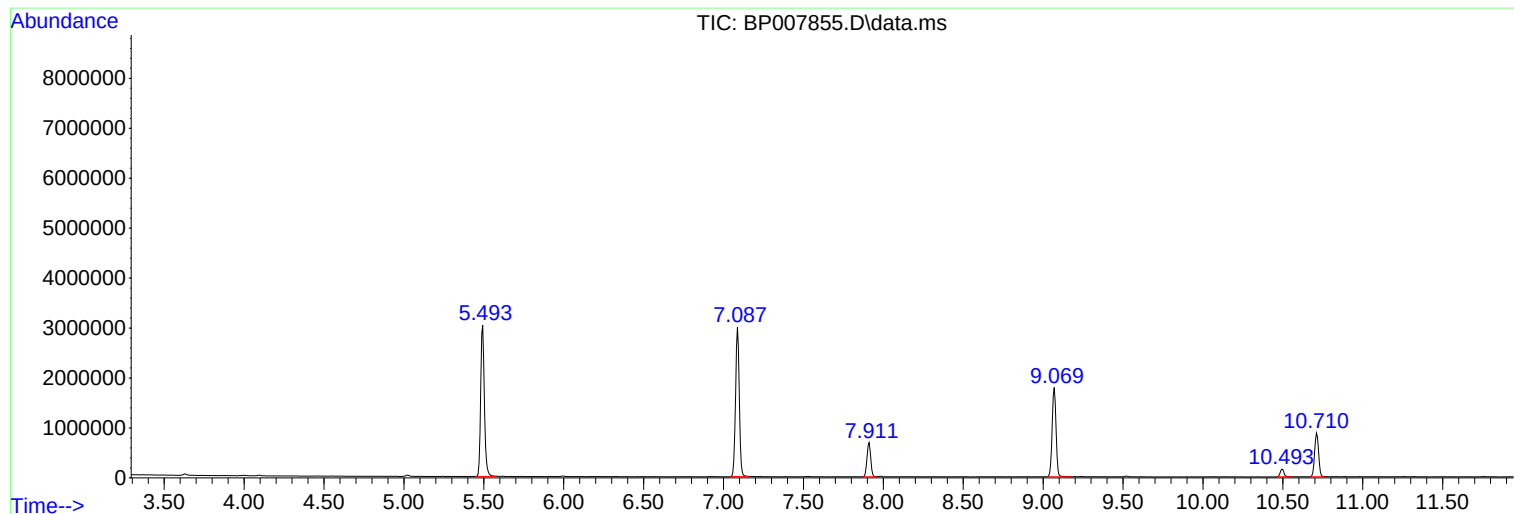
Sum of corrected areas: 50652386

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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP110221.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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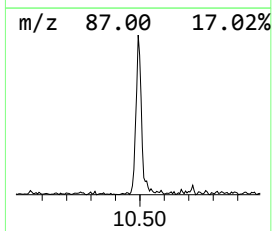
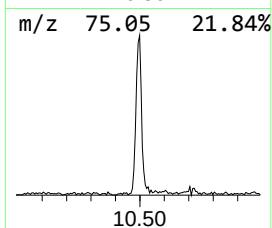
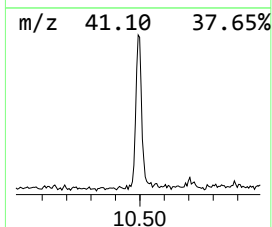
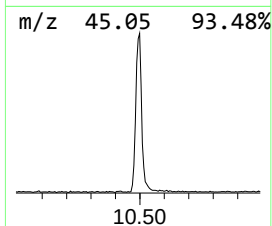
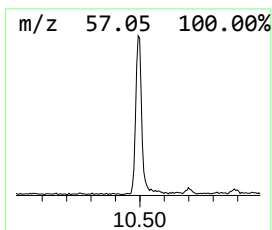
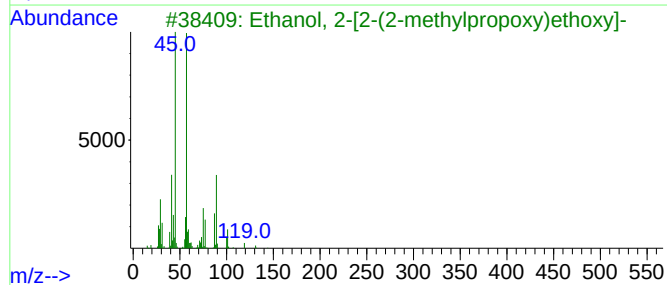
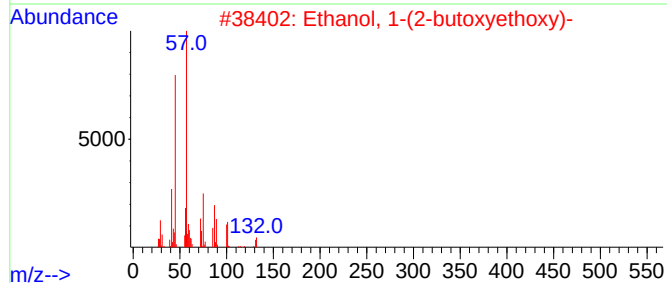
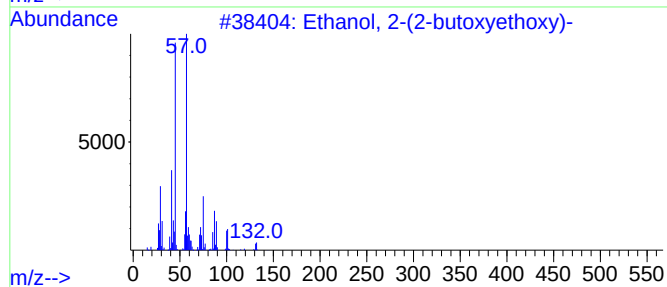
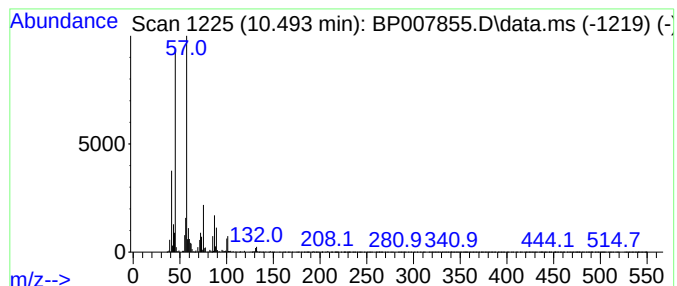
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP110221.M  
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TIC Integration Parameters: LSCINT.P

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

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 10.493 | 3.43 ng | 257346 | Naphthalene-d8   | 10.710 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Ethanol, 2-(2-butoxyethoxy)-        | 162 | C8H18O3 | 000112-34-5 | 91   |
| 2    |    |   | Ethanol, 1-(2-butoxyethoxy)-        | 162 | C8H18O3 | 054446-78-5 | 83   |
| 3    |    |   | Ethanol, 2-[2-(2-methylpropoxy)e... | 162 | C8H18O3 | 018912-80-6 | 72   |
| 4    |    |   | Ethylene glycol monoisobutyl ether  | 118 | C6H14O2 | 004439-24-1 | 64   |
| 5    |    |   | 3,3-Dimethylbutane-2-ol             | 102 | C6H14O  | 000464-07-3 | 52   |



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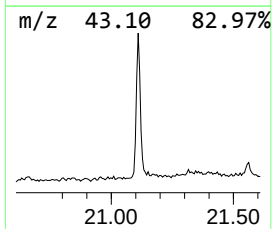
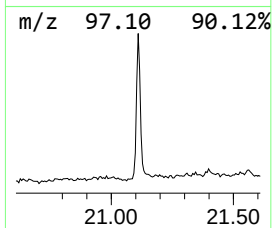
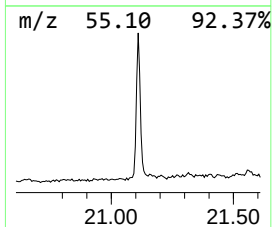
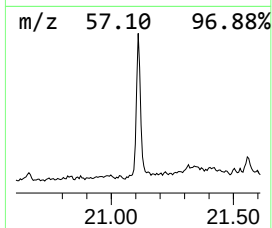
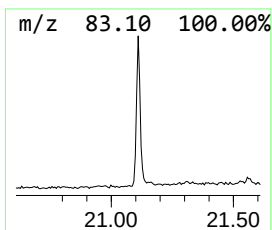
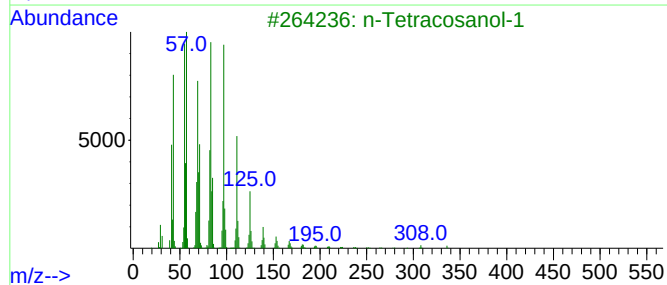
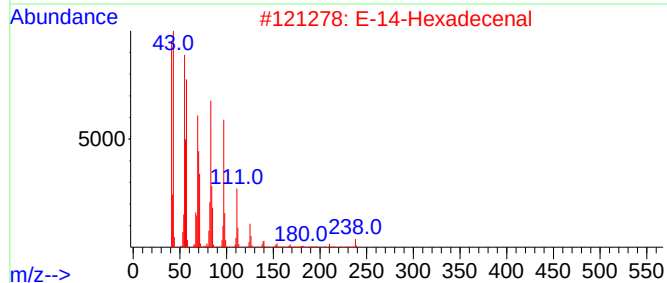
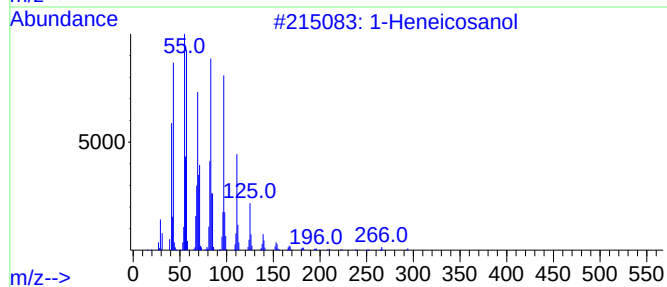
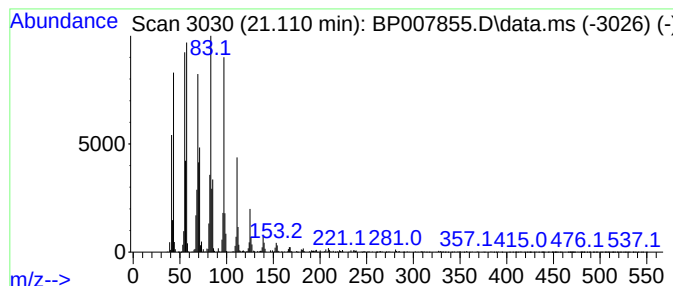
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Peak Number 2 1-Heneicosanol Concentration Rank 1

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 21.110 | 5.62 ng | 808739 | Chrysene-d12     | 21.398 |

| Hit# | of | 5 | Tentative ID     | MW  | MolForm | CAS#        | Qual |
|------|----|---|------------------|-----|---------|-------------|------|
| 1    |    |   | 1-Heneicosanol   | 312 | C21H44O | 015594-90-8 | 95   |
| 2    |    |   | E-14-Hexadecenal | 238 | C16H30O | 330207-53-9 | 95   |
| 3    |    |   | n-Tetracosanol-1 | 354 | C24H50O | 000506-51-4 | 94   |
| 4    |    |   | Behenic alcohol  | 326 | C22H46O | 000661-19-8 | 94   |
| 5    |    |   | 1-Hexacosene     | 364 | C26H52  | 018835-33-1 | 94   |



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| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |         |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|---------|------|
|                    |        |         |       |          | #                     | RT     | Resp    | Conc |
| Ethanol, 2-(2-b... | 10.493 | 3.4     | ng    | 257346   | 2                     | 10.710 | 1500730 | 20.0 |
| 1-Heneicosanol     | 21.110 | 5.6     | ng    | 808739   | 5                     | 21.398 | 2877540 | 20.0 |