

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF092821\  
 Data File : BF125696.D  
 Acq On : 28 Sep 2021 19:06  
 Operator : JU/CG  
 Sample : M3954-01  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 P287-DITCH

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-BF092421.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF125696.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         | 2.210       | 10            | 21          | 26           | rVB      | 3558534        | 5221458       | 79.59%          | 14.209%       |
| 2         | 5.104       | 508           | 513         | 518          | rBV      | 796905         | 741437        | 11.30%          | 2.018%        |
| 3         | 5.498       | 576           | 580         | 584          | rBV      | 1640473        | 1505491       | 22.95%          | 4.097%        |
| 4         | 6.498       | 746           | 750         | 755          | rBV      | 1336303        | 1077226       | 16.42%          | 2.931%        |
| 5         | 6.886       | 812           | 816         | 819          | rBV      | 1459808        | 1158707       | 17.66%          | 3.153%        |
| 6         | 7.445       | 905           | 911         | 914          | rBV      | 3882516        | 3522761       | 53.70%          | 9.586%        |
| 7         | 8.063       | 1013          | 1016        | 1029         | rBV      | 226058         | 218438        | 3.33%           | 0.594%        |
| 8         | 8.169       | 1029          | 1034        | 1037         | rBV      | 1784909        | 1595043       | 24.31%          | 4.341%        |
| 9         | 8.569       | 1096          | 1102        | 1105         | rBV      | 91710          | 73888         | 1.13%           | 0.201%        |
| 10        | 9.245       | 1211          | 1217        | 1220         | rBV      | 7313207        | 6560558       | 100.00%         | 17.853%       |
| 11        | 9.921       | 1328          | 1332        | 1335         | rBV      | 2223318        | 1781254       | 27.15%          | 4.847%        |
| 12        | 10.704      | 1461          | 1465        | 1469         | rBV      | 2492531        | 2138366       | 32.59%          | 5.819%        |
| 13        | 11.404      | 1580          | 1584        | 1588         | rBV      | 2089464        | 1744194       | 26.59%          | 4.746%        |
| 14        | 11.927      | 1669          | 1673        | 1678         | rBV      | 340398         | 320352        | 4.88%           | 0.872%        |
| 15        | 12.715      | 1803          | 1807        | 1815         | rBV      | 146236         | 174386        | 2.66%           | 0.475%        |
| 16        | 12.992      | 1849          | 1854        | 1857         | rBV      | 6620198        | 6207192       | 94.61%          | 16.891%       |
| 17        | 13.892      | 2001          | 2007        | 2023         | rBV3     | 117686         | 260154        | 3.97%           | 0.708%        |
| 18        | 14.039      | 2028          | 2032        | 2038         | rVB      | 1489727        | 1245519       | 18.98%          | 3.389%        |
| 19        | 15.515      | 2277          | 2283        | 2294         | rBV      | 928459         | 1201132       | 18.31%          | 3.269%        |

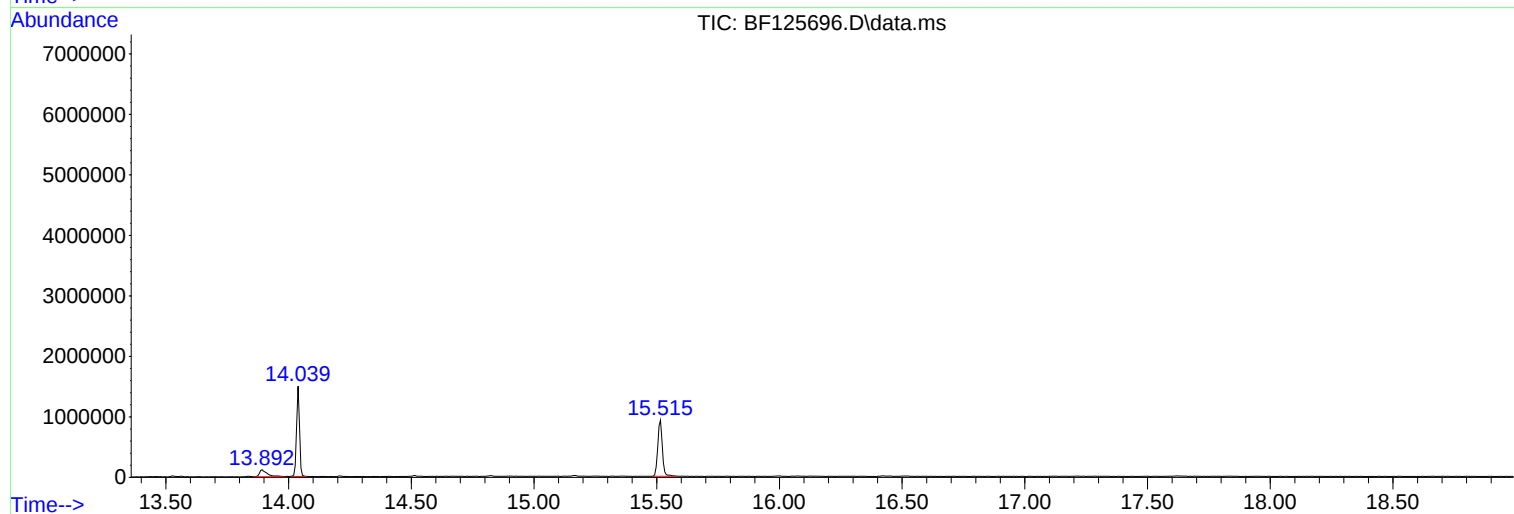
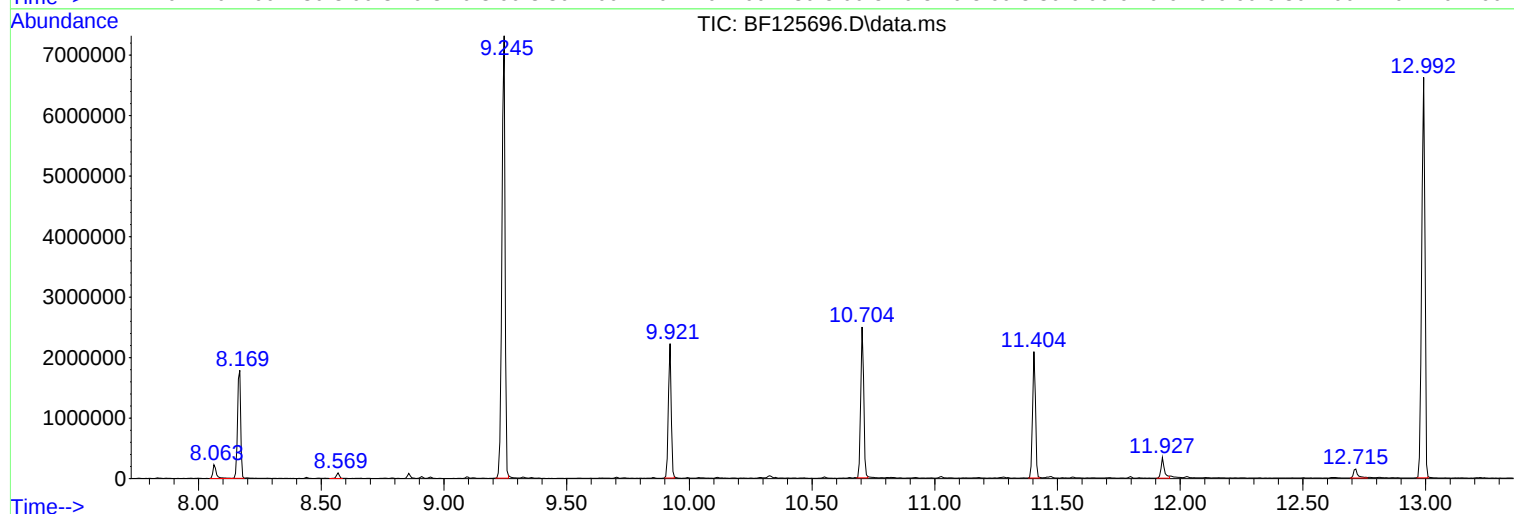
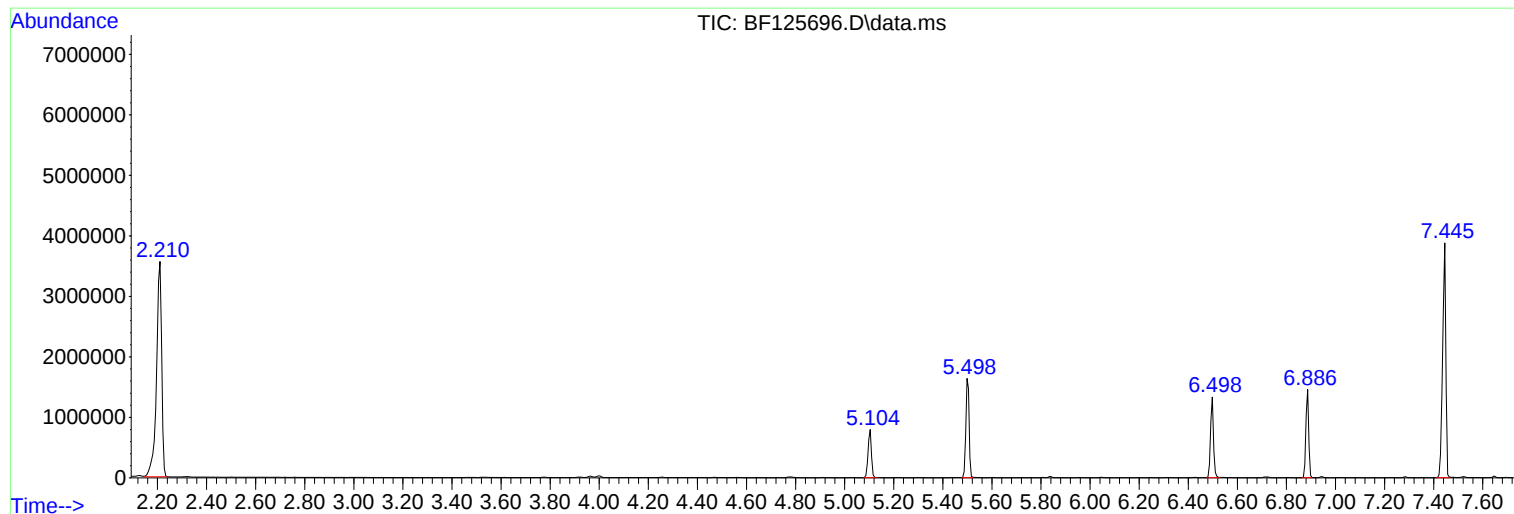
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ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
P287-DITCH

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF092421.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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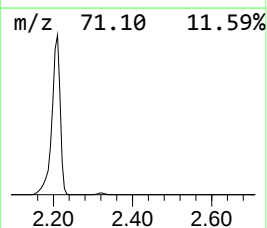
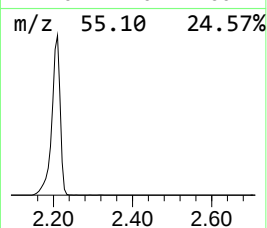
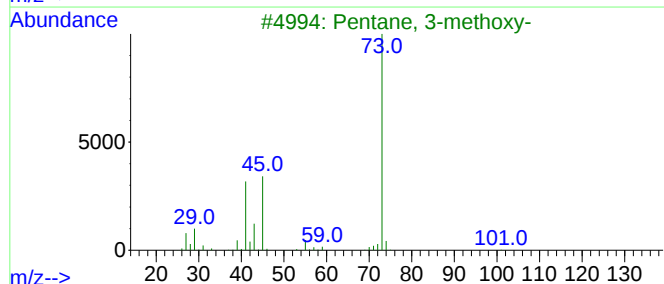
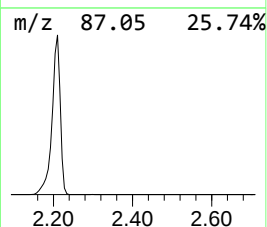
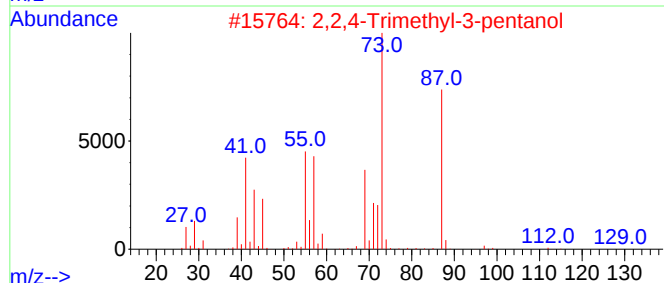
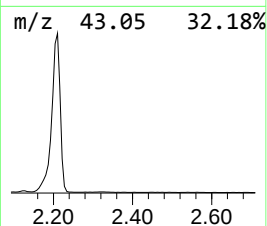
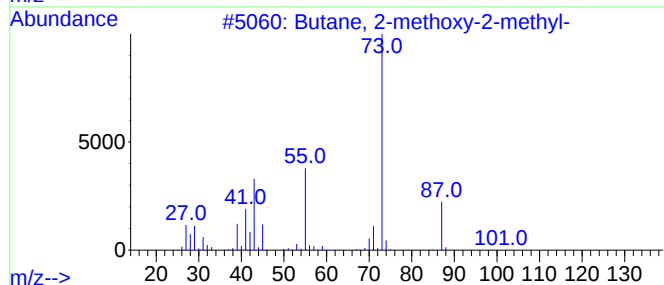
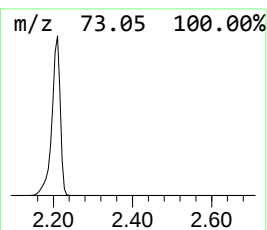
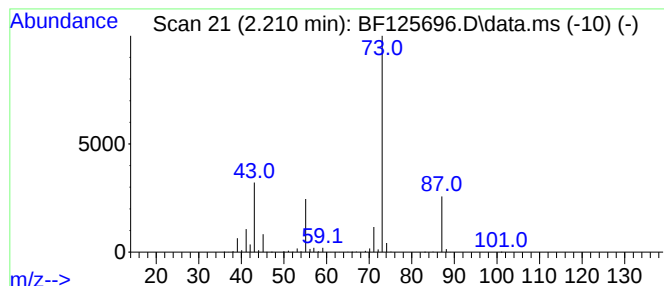
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

| R.T.  | EstConc  | Area    | Relative to ISTD       | R.T.  |
|-------|----------|---------|------------------------|-------|
| 2.210 | 90.13 ng | 5221460 | 1,4-Dichlorobenzene-d4 | 6.886 |

| 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    |    |   | Pentane, 3-methoxy-         | 102 | C6H14O  | 036839-67-5 | 23   |
| 4    |    |   | Acetamide, N-ethyl-         | 87  | C4H9NO  | 000625-50-3 | 9    |
| 5    |    |   | N-Ethylformamide            | 73  | C3H7NO  | 000627-45-2 | 9    |



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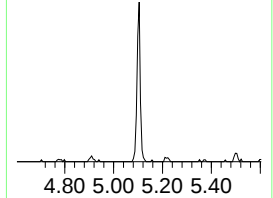
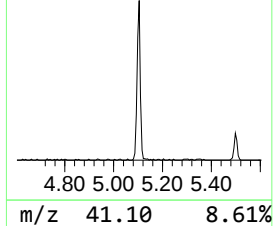
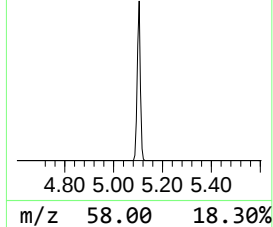
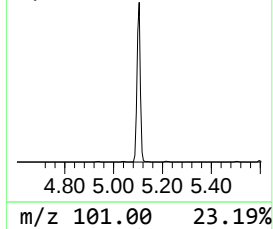
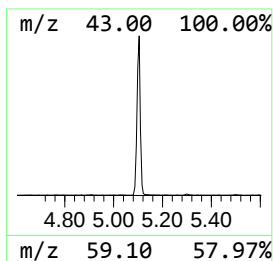
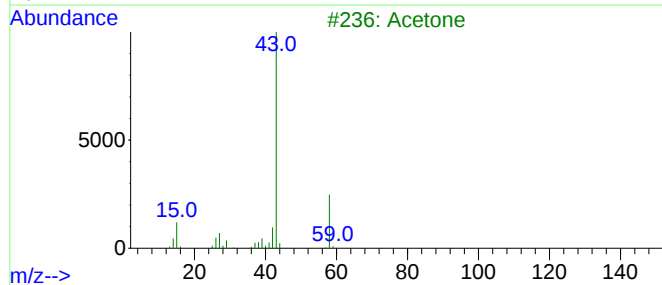
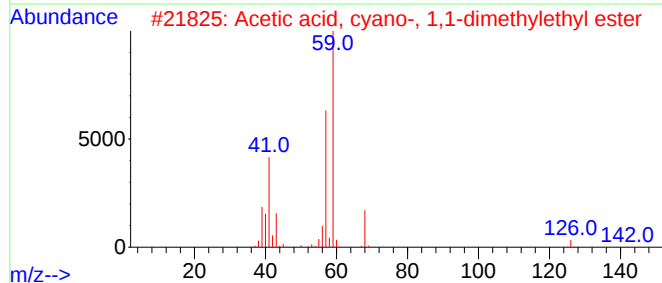
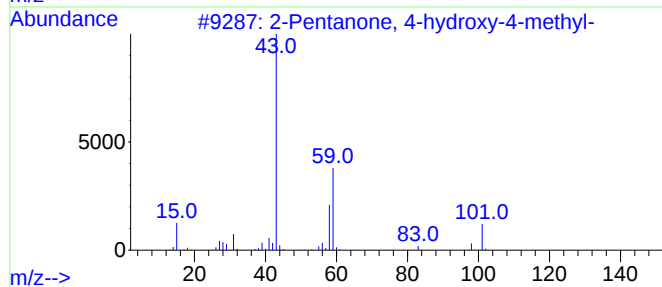
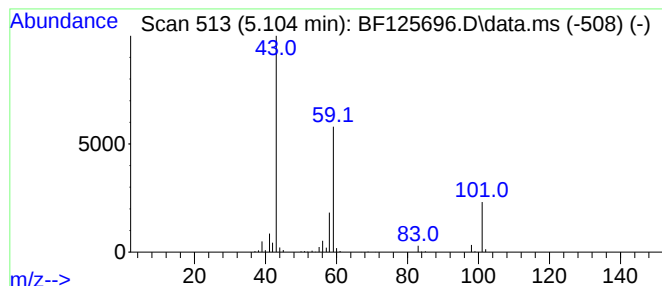
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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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.  |
|-------|----------|--------|------------------------|-------|
| 5.104 | 12.80 ng | 741437 | 1,4-Dichlorobenzene-d4 | 6.886 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | 2-Pentanone, 4-hydroxy-4-methyl-    | 116 | C6H12O2  | 000123-42-2 | 50   |
| 2    |    |   | Acetic acid, cyano-, 1,1-dimethy... | 141 | C7H11NO2 | 001116-98-9 | 23   |
| 3    |    |   | Acetone                             | 58  | C3H6O    | 000067-64-1 | 9    |
| 4    |    |   | Butane, 1-ethoxy-                   | 102 | C6H14O   | 000628-81-9 | 9    |
| 5    |    |   | Morpholine, 4-methyl-               | 101 | C5H11NO  | 000109-02-4 | 9    |



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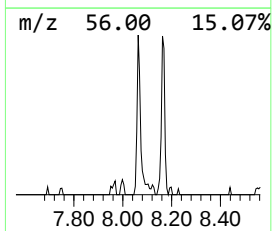
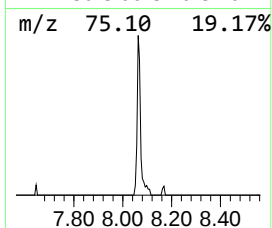
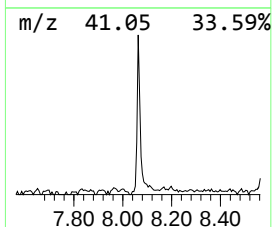
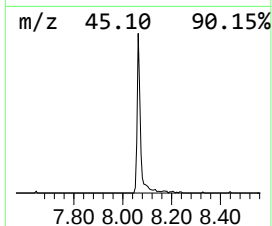
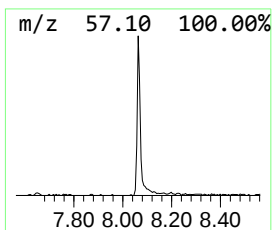
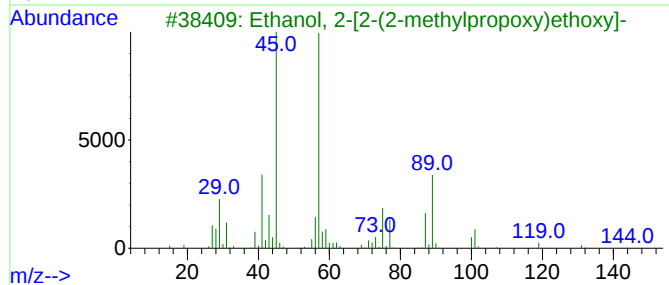
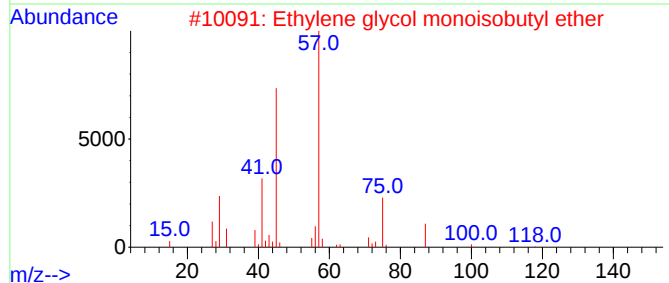
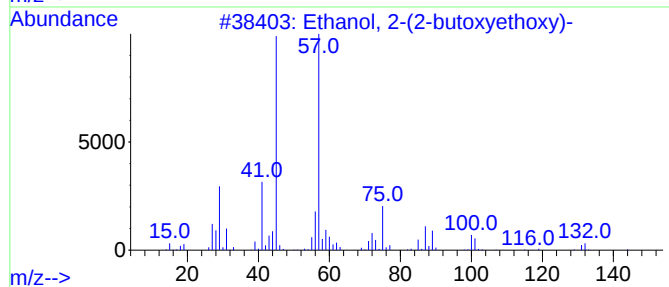
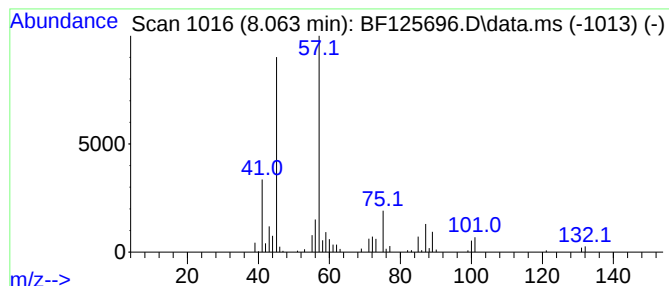
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 3 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 5

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 8.063 | 2.74 ng | 218438 | Naphthalene-d8   | 8.169 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Ethanol, 2-(2-butoxyethoxy)-        | 162 | C8H18O3 | 000112-34-5 | 90   |
| 2    |    |   | Ethylene glycol monoisobutyl ether  | 118 | C6H14O2 | 004439-24-1 | 64   |
| 3    |    |   | Ethanol, 2-[2-(2-methylpropoxy)e... | 162 | C8H18O3 | 018912-80-6 | 56   |
| 4    |    |   | Ethanol, 1-(2-butoxyethoxy)-        | 162 | C8H18O3 | 054446-78-5 | 50   |
| 5    |    |   | Butane, 1-(1-methylpropoxy)-        | 130 | C8H18O  | 000999-65-5 | 50   |



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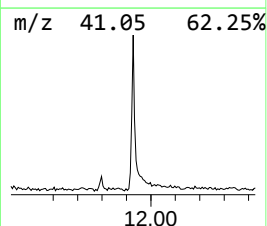
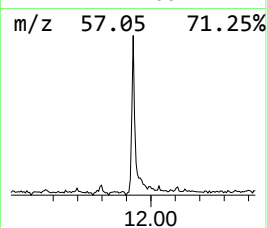
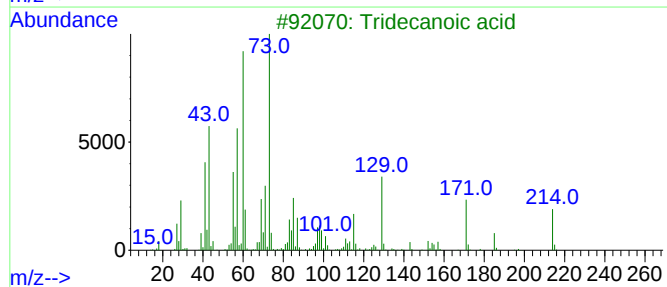
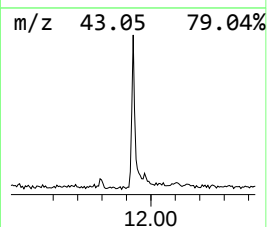
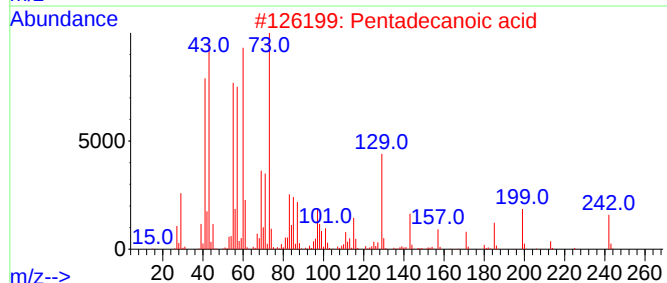
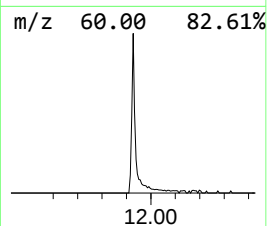
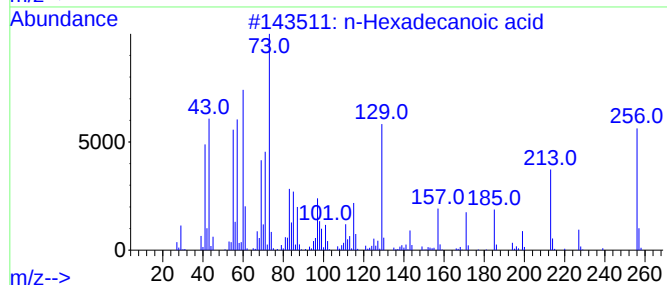
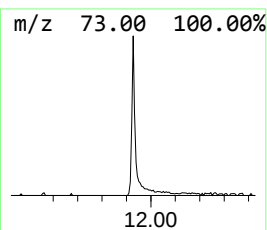
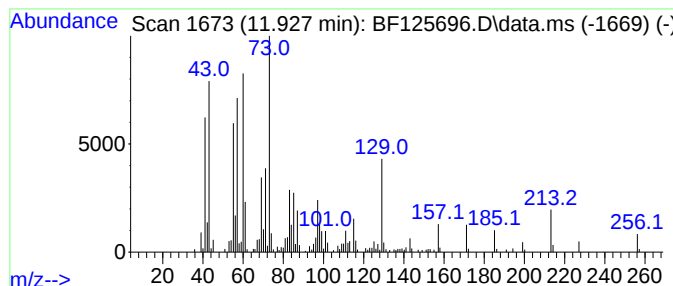
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 11.927 | 3.67 ng | 320352 | Phenanthrene-d10 | 11.404 |

| Hit# | of | 5 | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|---------------------|-----|----------|-------------|------|
| 1    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 99   |
| 2    |    |   | Pentadecanoic acid  | 242 | C15H30O2 | 001002-84-2 | 90   |
| 3    |    |   | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 86   |
| 4    |    |   | Tetradecanoic acid  | 228 | C14H28O2 | 000544-63-8 | 83   |
| 5    |    |   | n-Decanoic acid     | 172 | C10H20O2 | 000334-48-5 | 76   |



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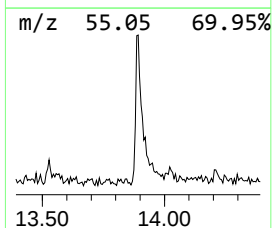
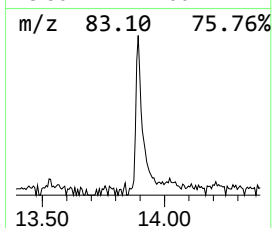
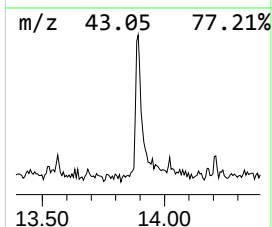
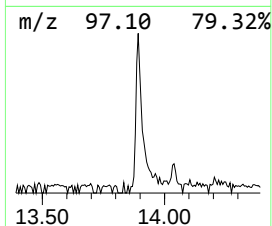
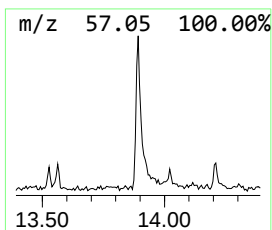
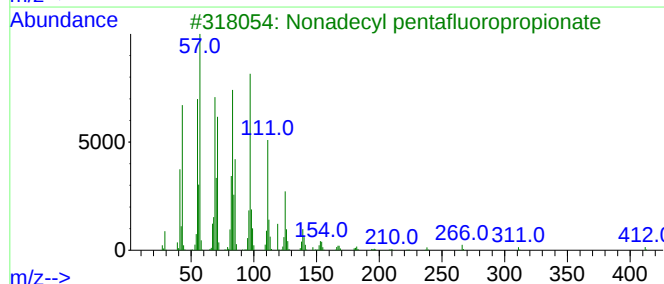
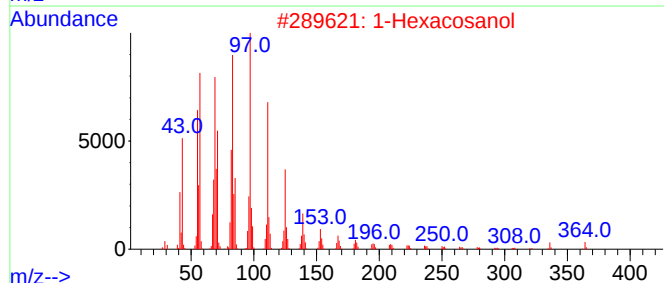
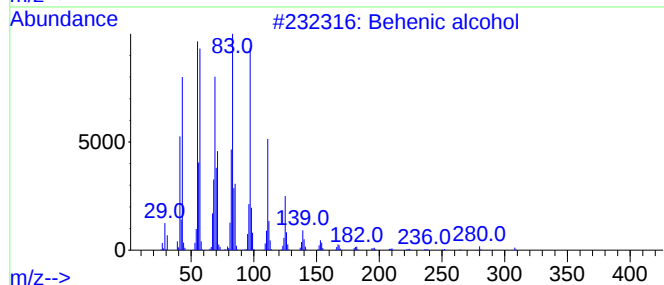
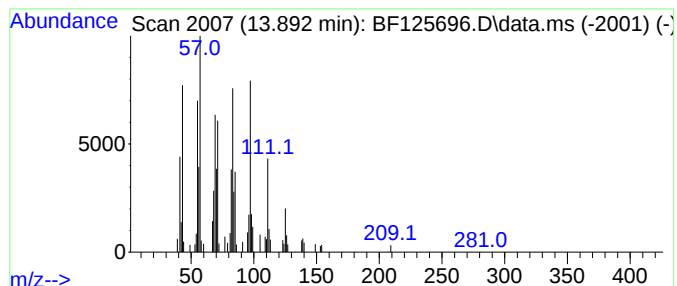
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 5 Behenic alcohol Concentration Rank 3

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 13.892 | 4.18 ng | 260154 | Chrysene-d12     | 14.039 |

| Hit# | of | 5 | Tentative ID                    | MW  | MolForm    | CAS#         | Qual |
|------|----|---|---------------------------------|-----|------------|--------------|------|
| 1    |    |   | Behenic alcohol                 | 326 | C22H46O    | 000661-19-8  | 94   |
| 2    |    |   | 1-Hexacosanol                   | 382 | C26H54O    | 000506-52-5  | 91   |
| 3    |    |   | Nonadecyl pentafluoropropionate | 430 | C22H39F5O2 | 1000351-88-8 | 91   |
| 4    |    |   | Heptadecyl trifluoroacetate     | 352 | C19H35F3O2 | 1010351-87-0 | 91   |
| 5    |    |   | n-Nonadecanol-1                 | 284 | C19H40O    | 001454-84-8  | 90   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF092821\  
Data File : BF125696.D  
Acq On : 28 Sep 2021 19:06  
Operator : JU/CG  
Sample : M3954-01  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
P287-DITCH

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF092421.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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... | 2.210  | 90.1    | ng    | 5221460  | 1                     | 6.886  | 1158710 | 20.0 |
| 2-Pentanone, 4-... | 5.104  | 12.8    | ng    | 741437   | 1                     | 6.886  | 1158710 | 20.0 |
| Ethanol, 2-(2-b... | 8.063  | 2.7     | ng    | 218438   | 2                     | 8.169  | 1595040 | 20.0 |
| n-Hexadecanoic ... | 11.927 | 3.7     | ng    | 320352   | 4                     | 11.404 | 1744190 | 20.0 |
| Behenic alcohol    | 13.892 | 4.2     | ng    | 260154   | 5                     | 14.039 | 1245520 | 20.0 |