

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF101822\  
 Data File : BF130699.D  
 Acq On : 18 Oct 2022 15:40  
 Operator : CG\JU  
 Sample : N5164-01  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 588A-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\_F\Methods\8270-BF101122.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF130699.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         | 4.734       | 481           | 484         | 496          | rBV      | 170675         | 205392        | 6.76%           | 1.178%        |
| 2         | 5.181       | 557           | 560         | 582          | rBV      | 916663         | 1029273       | 33.90%          | 5.901%        |
| 3         | 6.228       | 735           | 738         | 753          | rBV      | 599294         | 618443        | 20.37%          | 3.546%        |
| 4         | 6.575       | 793           | 797         | 806          | rBV      | 632791         | 548418        | 18.06%          | 3.144%        |
| 5         | 7.145       | 890           | 894         | 897          | rBV      | 1780735        | 1646885       | 54.23%          | 9.442%        |
| 6         | 7.775       | 998           | 1001        | 1011         | rBV      | 182134         | 265322        | 8.74%           | 1.521%        |
| 7         | 7.857       | 1011          | 1015        | 1021         | rVB      | 895604         | 729842        | 24.03%          | 4.184%        |
| 8         | 8.933       | 1193          | 1198        | 1201         | rBV      | 3469061        | 3036587       | 100.00%         | 17.410%       |
| 9         | 9.604       | 1308          | 1312        | 1315         | rBV      | 1005460        | 756240        | 24.90%          | 4.336%        |
| 10        | 9.810       | 1343          | 1347        | 1354         | rBV6     | 22068          | 40622         | 1.34%           | 0.233%        |
| 11        | 10.022      | 1377          | 1383        | 1392         | rVB3     | 25973          | 43528         | 1.43%           | 0.250%        |
| 12        | 10.192      | 1408          | 1412        | 1420         | rBV2     | 22470          | 43191         | 1.42%           | 0.248%        |
| 13        | 10.392      | 1442          | 1446        | 1458         | rBV      | 1798010        | 1655301       | 54.51%          | 9.490%        |
| 14        | 11.086      | 1560          | 1564        | 1571         | rBV      | 705527         | 703556        | 23.17%          | 4.034%        |
| 15        | 11.151      | 1571          | 1575        | 1580         | rVB2     | 48155          | 62366         | 2.05%           | 0.358%        |
| 16        | 11.316      | 1600          | 1603        | 1611         | rBV      | 86772          | 125247        | 4.12%           | 0.718%        |
| 17        | 11.486      | 1628          | 1632        | 1635         | rBV      | 60622          | 47263         | 1.56%           | 0.271%        |
| 18        | 11.627      | 1651          | 1656        | 1657         | rBV      | 34756          | 36813         | 1.21%           | 0.211%        |
| 19        | 11.657      | 1657          | 1661        | 1664         | rVB      | 1604011        | 1293468       | 42.60%          | 7.416%        |
| 20        | 12.186      | 1749          | 1751        | 1757         | rVB      | 57946          | 53515         | 1.76%           | 0.307%        |
| 21        | 12.286      | 1763          | 1768        | 1775         | rBV      | 136517         | 182180        | 6.00%           | 1.045%        |
| 22        | 12.516      | 1800          | 1807        | 1816         | rBV      | 144936         | 225628        | 7.43%           | 1.294%        |
| 23        | 12.669      | 1829          | 1833        | 1836         | rBV      | 1889281        | 1551203       | 51.08%          | 8.894%        |
| 24        | 13.145      | 1909          | 1914        | 1922         | rVB      | 242166         | 228642        | 7.53%           | 1.311%        |
| 25        | 13.627      | 1991          | 1996        | 2002         | rBV7     | 14432          | 37203         | 1.23%           | 0.213%        |
| 26        | 13.710      | 2004          | 2010        | 2013         | rVV2     | 654181         | 968285        | 31.89%          | 5.552%        |
| 27        | 13.739      | 2013          | 2015        | 2025         | rVV      | 295347         | 345668        | 11.38%          | 1.982%        |
| 28        | 13.815      | 2025          | 2028        | 2035         | rVB      | 39649          | 46127         | 1.52%           | 0.264%        |
| 29        | 14.227      | 2094          | 2098        | 2103         | rVB      | 40900          | 44513         | 1.47%           | 0.255%        |
| 30        | 14.315      | 2109          | 2113        | 2117         | rBV      | 138743         | 128799        | 4.24%           | 0.738%        |
| 31        | 14.715      | 2178          | 2181        | 2183         | rBV      | 79086          | 80703         | 2.66%           | 0.463%        |
| 32        | 14.739      | 2183          | 2185        | 2190         | rVB      | 68014          | 78657         | 2.59%           | 0.451%        |
| 33        | 15.092      | 2241          | 2245        | 2257         | rVB      | 498419         | 582888        | 19.20%          | 3.342%        |

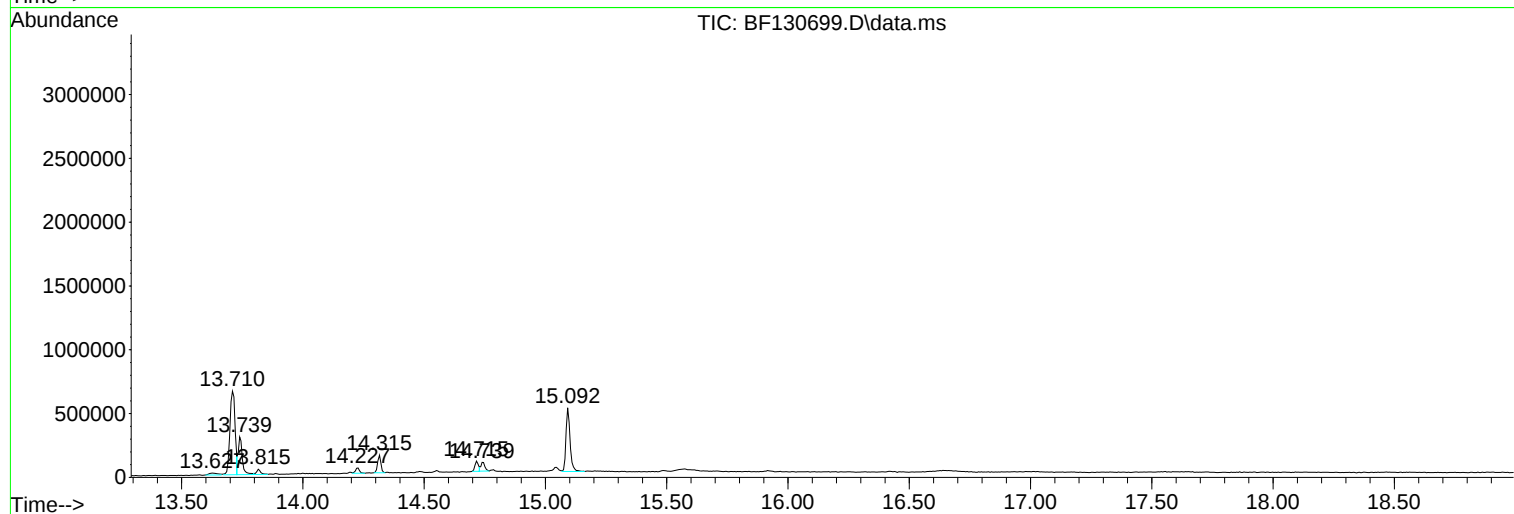
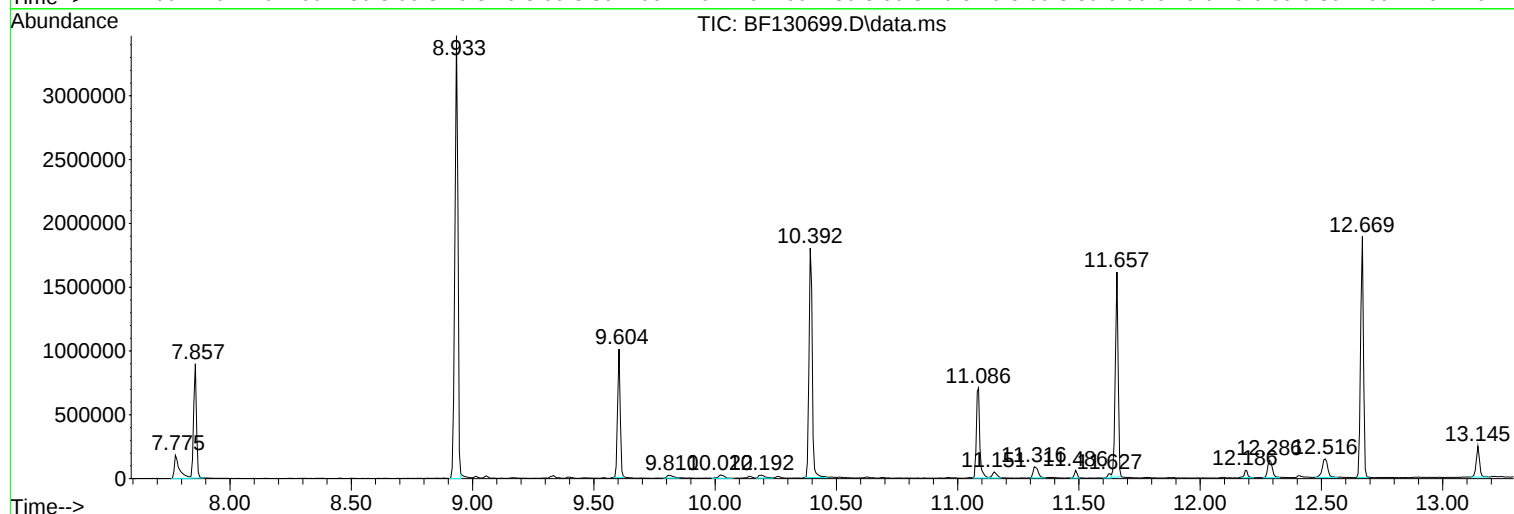
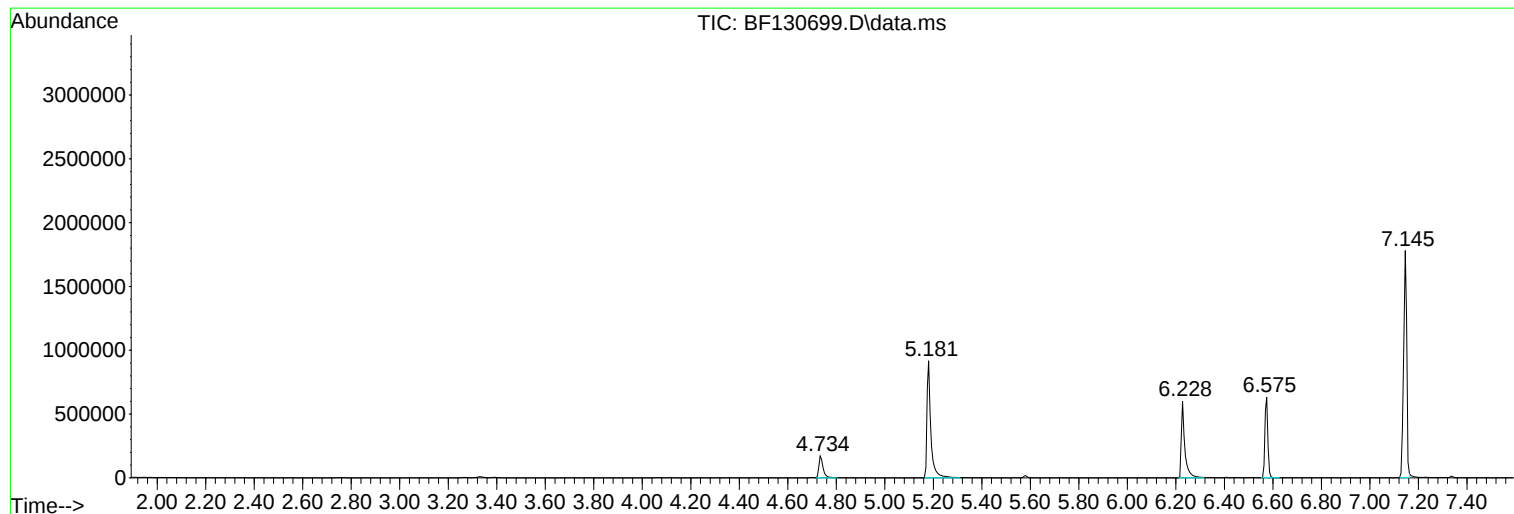
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ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
588A-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF101122.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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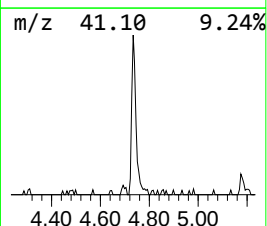
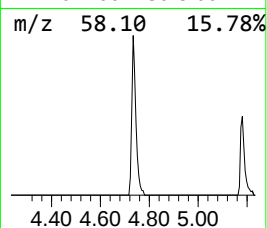
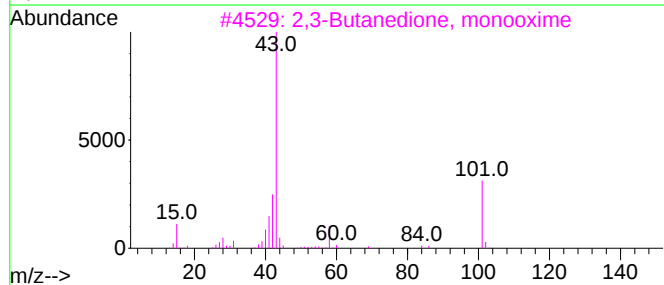
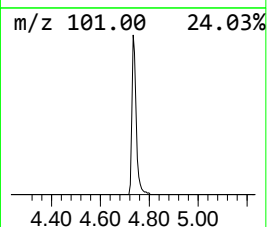
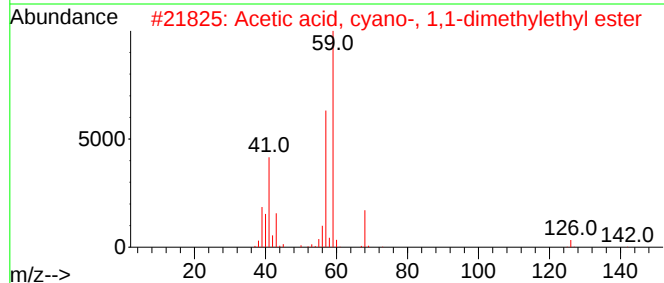
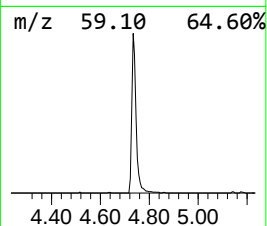
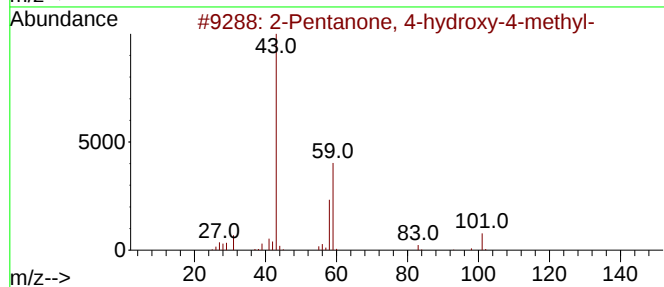
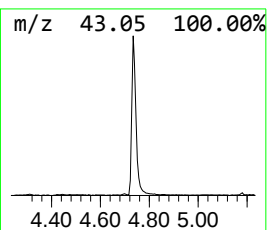
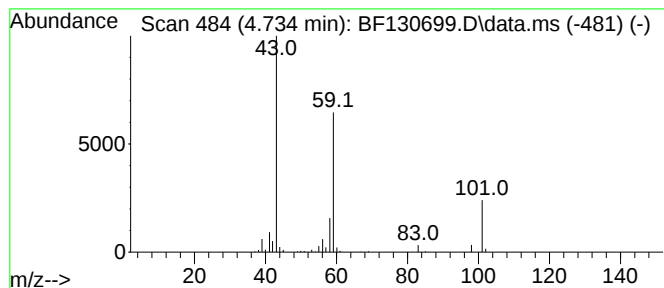
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

| R.T.  | EstConc | Area   | Relative to ISTD       | R.T.  |
|-------|---------|--------|------------------------|-------|
| 4.734 | 7.49 ng | 205392 | 1,4-Dichlorobenzene-d4 | 6.575 |

| Hit# | of                                  | 5   | Tentative ID | MW          | MolForm | CAS# | Qual |
|------|-------------------------------------|-----|--------------|-------------|---------|------|------|
| 1    | 2-Pentanone, 4-hydroxy-4-methyl-    | 116 | C6H12O2      | 000123-42-2 | 56      |      |      |
| 2    | Acetic acid, cyano-, 1,1-dimethy... | 141 | C7H11NO2     | 001116-98-9 | 23      |      |      |
| 3    | 2,3-Butanedione, monooxime          | 101 | C4H7NO2      | 000057-71-6 | 17      |      |      |
| 4    | 1-Propen-2-ol, acetate              | 100 | C5H8O2       | 000108-22-5 | 10      |      |      |
| 5    | Acetone                             | 58  | C3H6O        | 000067-64-1 | 10      |      |      |



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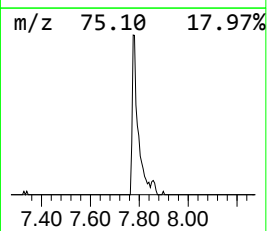
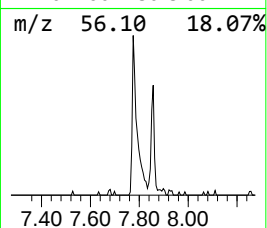
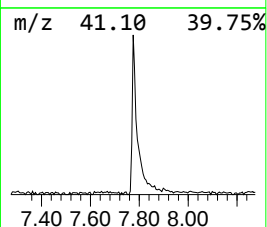
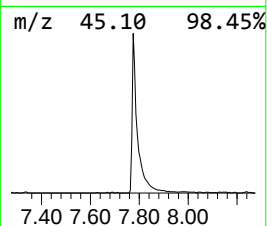
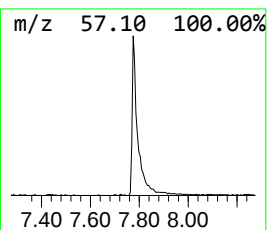
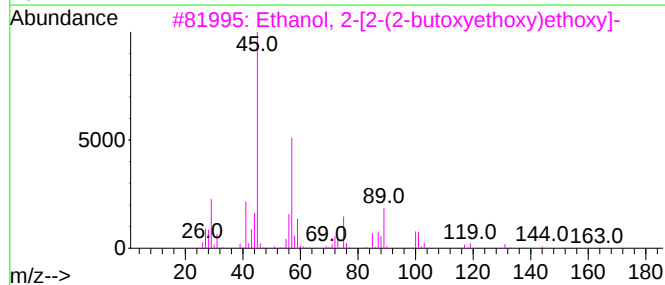
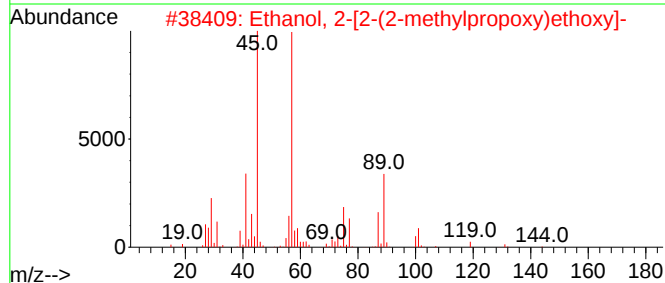
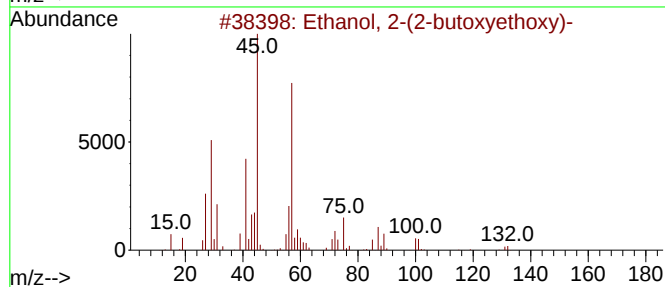
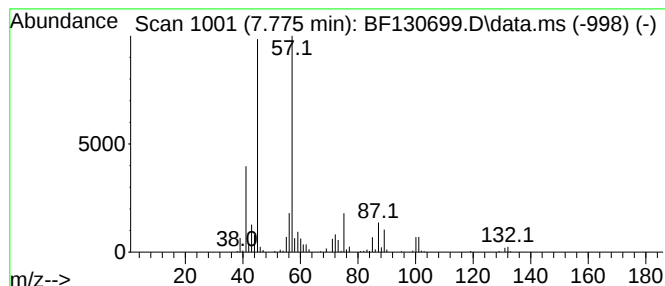
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Peak Number 2 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 2

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 7.775 | 7.27 ng | 265322 | Naphthalene-d8   | 7.857 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | Ethanol, 2-(2-butoxyethoxy)-        | 162 | C8H18O3  | 000112-34-5 | 90   |
| 2    |    |   | Ethanol, 2-[2-(2-methylpropoxy)e... | 162 | C8H18O3  | 018912-80-6 | 78   |
| 3    |    |   | Ethanol, 2-[2-(2-butoxyethoxy)et... | 206 | C10H22O4 | 000143-22-6 | 64   |
| 4    |    |   | Ethylene glycol monoisobutyl ether  | 118 | C6H14O2  | 004439-24-1 | 59   |
| 5    |    |   | 3,3-Dimethylbutane-2-ol             | 102 | C6H14O   | 000464-07-3 | 53   |



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| TIC Top Hit name   | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|--------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                    |       |         |       |          | #                     | RT    | Resp   | Conc |
| 2-Pentanone, 4-... | 4.734 | 7.5     | ng    | 205392   | 1                     | 6.575 | 548418 | 20.0 |
| Ethanol, 2-(2-b... | 7.775 | 7.3     | ng    | 265322   | 2                     | 7.857 | 729842 | 20.0 |