

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF083121\  
 Data File : BF125294.D  
 Acq On : 31 Aug 2021 18:11  
 Operator : JU/CG  
 Sample : M3597-03  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 RO-PSC124042

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-BF081821.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF125294.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         | 2.199       | 13            | 19          | 27           | rVB      | 1298183        | 1650938       | 31.27%          | 4.832%        |
| 2         | 5.534       | 582           | 586         | 590          | rBV      | 3624134        | 3795038       | 71.88%          | 11.107%       |
| 3         | 6.545       | 753           | 758         | 761          | rBV      | 3719824        | 3755530       | 71.13%          | 10.992%       |
| 4         | 6.910       | 817           | 820         | 824          | rBV      | 1193903        | 1014062       | 19.21%          | 2.968%        |
| 5         | 7.475       | 911           | 916         | 919          | rBV      | 2698215        | 2464714       | 46.68%          | 7.214%        |
| 6         | 8.098       | 1018          | 1022        | 1035         | rBV      | 308451         | 648507        | 12.28%          | 1.898%        |
| 7         | 8.198       | 1035          | 1039        | 1042         | rBV      | 1506349        | 1333052       | 25.25%          | 3.902%        |
| 8         | 9.269       | 1217          | 1221        | 1224         | rBV      | 4976043        | 4326757       | 81.95%          | 12.663%       |
| 9         | 9.951       | 1333          | 1337        | 1341         | rBV      | 1680550        | 1596869       | 30.24%          | 4.674%        |
| 10        | 10.739      | 1467          | 1471        | 1487         | rVB      | 3371124        | 3212768       | 60.85%          | 9.403%        |
| 11        | 11.439      | 1586          | 1590        | 1593         | rBV      | 1887502        | 1778644       | 33.69%          | 5.206%        |
| 12        | 11.951      | 1673          | 1677        | 1682         | rBV3     | 44482          | 55840         | 1.06%           | 0.163%        |
| 13        | 12.651      | 1793          | 1796        | 1801         | rBV      | 124774         | 102729        | 1.95%           | 0.301%        |
| 14        | 12.880      | 1829          | 1835        | 1841         | rBV2     | 85997          | 97810         | 1.85%           | 0.286%        |
| 15        | 13.027      | 1855          | 1860        | 1863         | rBV      | 5452062        | 5279810       | 100.00%         | 15.453%       |
| 16        | 13.957      | 2012          | 2018        | 2030         | rBV4     | 77093          | 234113        | 4.43%           | 0.685%        |
| 17        | 14.051      | 2030          | 2034        | 2036         | rVV      | 204330         | 196498        | 3.72%           | 0.575%        |
| 18        | 14.080      | 2036          | 2039        | 2048         | rVB      | 1394943        | 1404456       | 26.60%          | 4.111%        |
| 19        | 15.580      | 2288          | 2294        | 2304         | rBV      | 892087         | 1219359       | 23.09%          | 3.569%        |

Sum of corrected areas: 34167494



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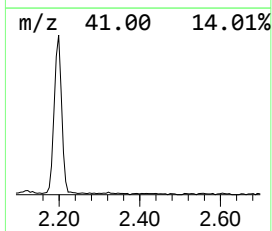
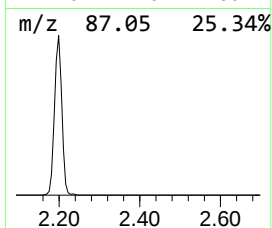
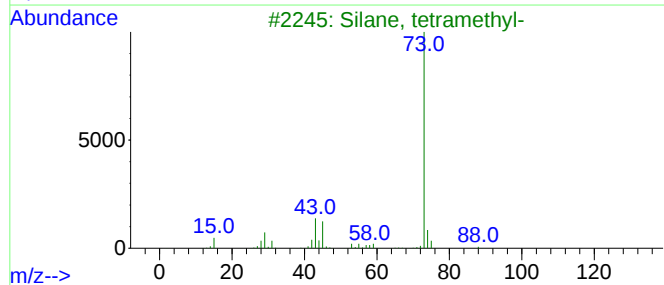
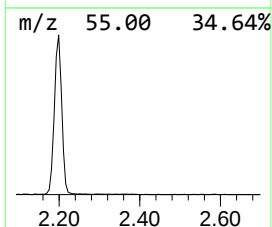
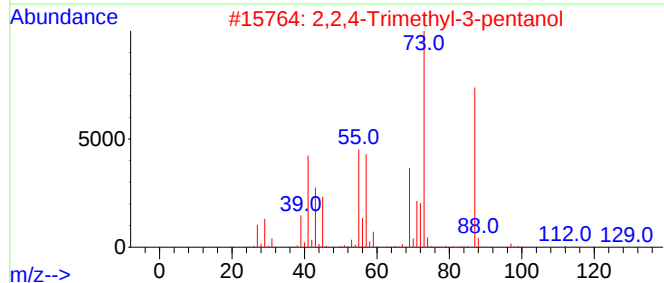
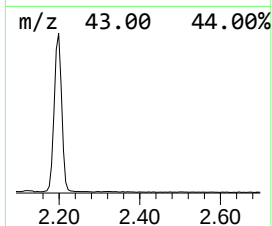
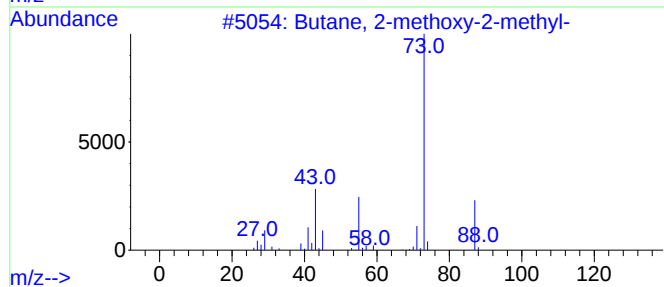
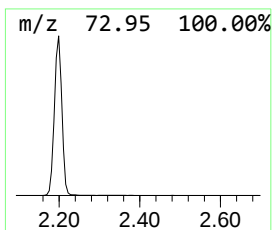
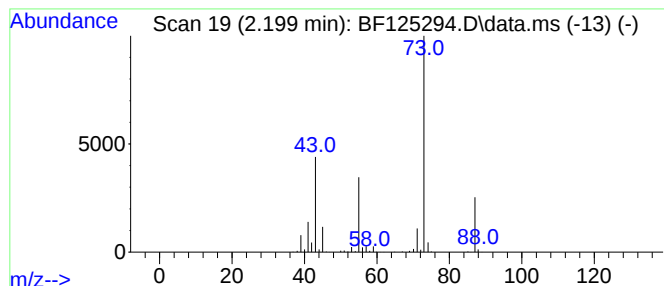
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF081821.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

| R.T.  | EstConc  | Area    | Relative to ISTD       | R.T.  |
|-------|----------|---------|------------------------|-------|
| 2.199 | 32.56 ng | 1650940 | 1,4-Dichlorobenzene-d4 | 6.910 |

| 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    |    |   | Silane, tetramethyl-        | 88  | C4H12Si | 000075-76-3 | 35   |
| 4    |    |   | 3-Pentanol, 2,4-dimethyl-   | 116 | C7H16O  | 000600-36-2 | 25   |
| 5    |    |   | 1,3-Dioxolane, 2-methyl-    | 88  | C4H8O2  | 000497-26-7 | 25   |



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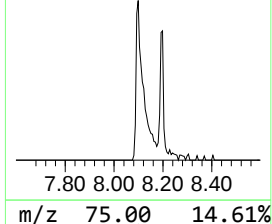
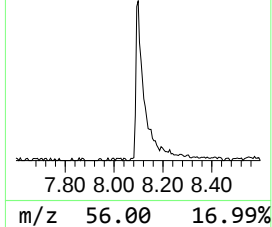
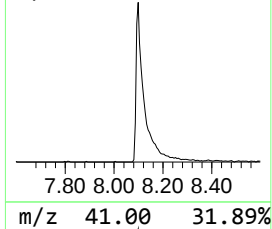
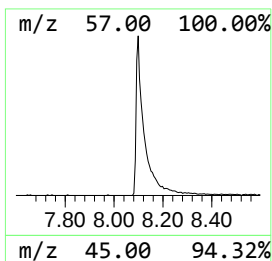
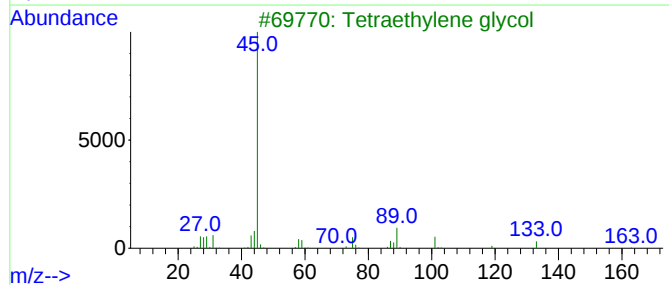
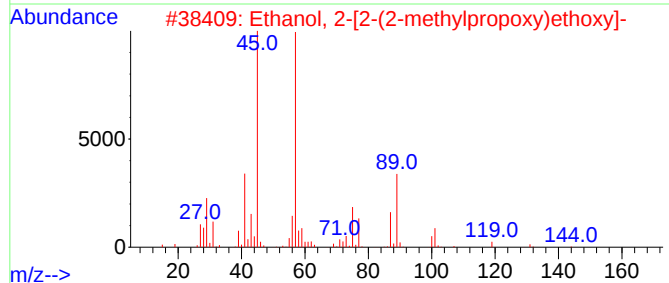
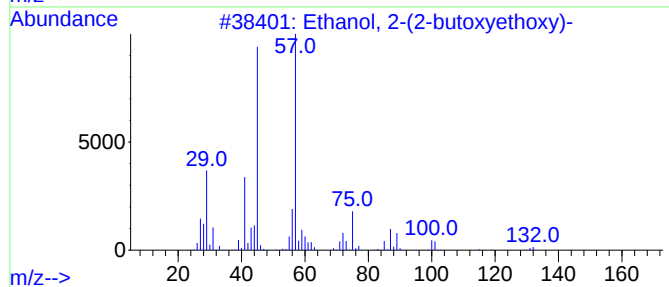
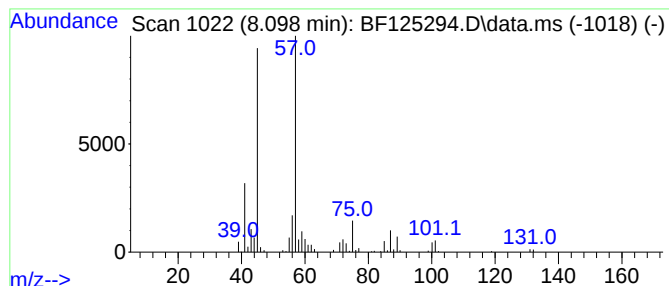
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TIC Integration Parameters: LSCINT.P

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

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 8.098 | 9.73 ng | 648507 | Naphthalene-d8   | 8.198 |

| 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 | 56   |
| 3    |    |   | Tetraethylene glycol                | 194 | C8H18O5 | 000112-60-7 | 53   |
| 4    |    |   | 3,3-Dimethylbutane-2-ol             | 102 | C6H14O  | 000464-07-3 | 53   |
| 5    |    |   | Ethanol, 1-(2-butoxyethoxy)-        | 162 | C8H18O3 | 054446-78-5 | 50   |



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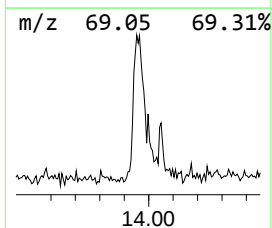
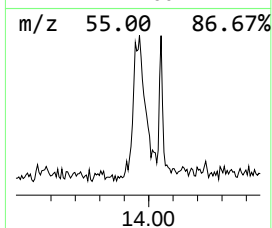
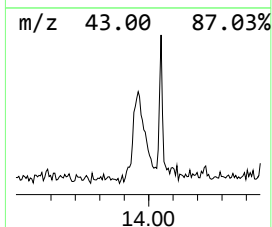
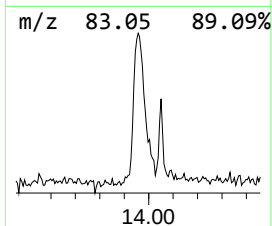
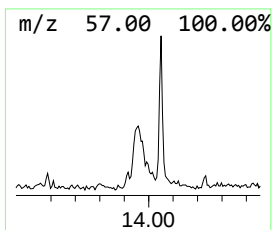
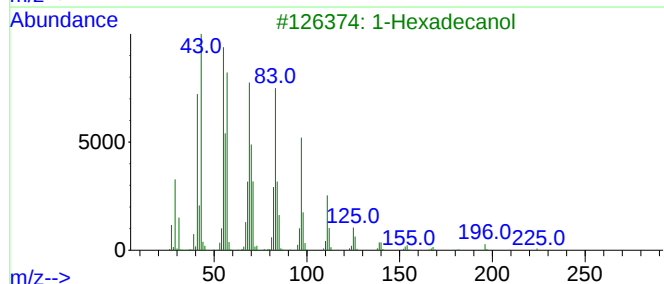
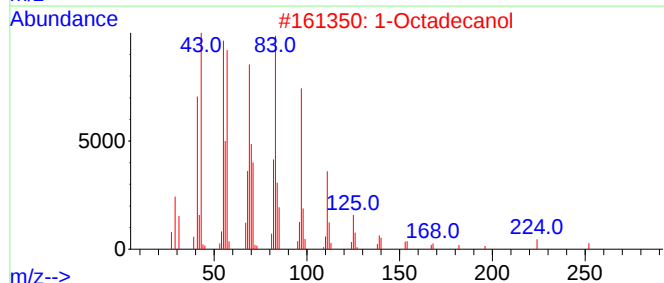
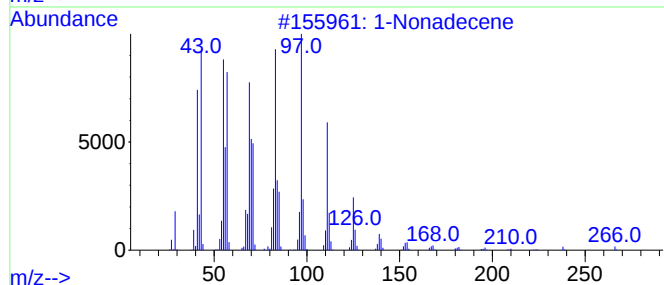
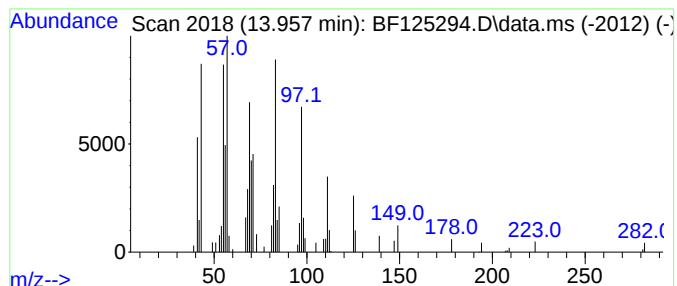
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TIC Integration Parameters: LSCINT.P

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Peak Number 3 1-Nonadecene Concentration Rank 3

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 13.957 | 3.33 ng | 234113 | Chrysene-d12     | 14.080 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm     | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|-------------|-------------|------|
| 1    |    |   | 1-Nonadecene                        | 266 | C19H38      | 018435-45-5 | 90   |
| 2    |    |   | 1-Octadecanol                       | 270 | C18H38O     | 000112-92-5 | 87   |
| 3    |    |   | 1-Hexadecanol                       | 242 | C16H34O     | 036653-82-4 | 87   |
| 4    |    |   | Trichloroacetic acid, tetradecyl... | 358 | C16H29Cl3O2 | 074339-52-9 | 87   |
| 5    |    |   | n-Heptadecanol-1                    | 256 | C17H36O     | 001454-85-9 | 87   |



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| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |         |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|---------|------|
|                    |        |         |       |          | #                     | RT     | Resp    | Conc |
| Butane, 2-metho... | 2.199  | 32.6    | ng    | 1650940  | 1                     | 6.910  | 1014060 | 20.0 |
| Ethanol, 2-(2-b... | 8.098  | 9.7     | ng    | 648507   | 2                     | 8.198  | 1333050 | 20.0 |
| 1-Nonadecene       | 13.957 | 3.3     | ng    | 234113   | 5                     | 14.080 | 1404460 | 20.0 |