

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF082621\  
 Data File : BF125242.D  
 Acq On : 27 Aug 2021 00:36  
 Operator : JU/CG  
 Sample : M3545-01 2X  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 NCS-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\_F\METHODS\8270-BF081821.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF125242.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         | 2.193       | 13            | 18          | 23           | rVB      | 521489         | 637909        | 32.82%          | 3.300%        |
| 2         | 4.004       | 323           | 326         | 331          | rVB      | 20451          | 26795         | 1.38%           | 0.139%        |
| 3         | 5.528       | 580           | 585         | 588          | rBV      | 2066178        | 1943435       | 100.00%         | 10.055%       |
| 4         | 6.534       | 751           | 756         | 774          | rBV      | 1939693        | 1928914       | 99.25%          | 9.979%        |
| 5         | 6.910       | 817           | 820         | 824          | rBV      | 1320861        | 1155405       | 59.45%          | 5.978%        |
| 6         | 7.469       | 911           | 915         | 924          | rBV      | 1323287        | 1204882       | 62.00%          | 6.234%        |
| 7         | 8.104       | 1019          | 1023        | 1035         | rBV3     | 47326          | 144382        | 7.43%           | 0.747%        |
| 8         | 8.192       | 1035          | 1038        | 1042         | rBV      | 1522814        | 1401924       | 72.14%          | 7.253%        |
| 9         | 9.269       | 1217          | 1221        | 1231         | rBV      | 2211840        | 1933600       | 99.49%          | 10.004%       |
| 10        | 9.951       | 1333          | 1337        | 1348         | rVB      | 1592827        | 1445246       | 74.37%          | 7.477%        |
| 11        | 10.733      | 1467          | 1470        | 1482         | rBV      | 1279526        | 1147939       | 59.07%          | 5.939%        |
| 12        | 11.433      | 1586          | 1589        | 1593         | rBV      | 1462729        | 1356782       | 69.81%          | 7.019%        |
| 13        | 11.951      | 1672          | 1677        | 1681         | rBV      | 101027         | 107228        | 5.52%           | 0.555%        |
| 14        | 12.739      | 1808          | 1811        | 1820         | rBV5     | 30969          | 48855         | 2.51%           | 0.253%        |
| 15        | 12.880      | 1832          | 1835        | 1838         | rBV      | 20553          | 23820         | 1.23%           | 0.123%        |
| 16        | 13.015      | 1855          | 1858        | 1862         | rBV      | 1994684        | 1775158       | 91.34%          | 9.184%        |
| 17        | 13.945      | 2013          | 2016        | 2018         | rBV      | 33553          | 39350         | 2.02%           | 0.204%        |
| 18        | 14.051      | 2031          | 2034        | 2035         | rBV      | 38250          | 32471         | 1.67%           | 0.168%        |
| 19        | 14.074      | 2035          | 2038        | 2042         | rVB      | 1535854        | 1337370       | 68.81%          | 6.919%        |
| 20        | 14.833      | 2164          | 2167        | 2174         | rBV      | 221358         | 272410        | 14.02%          | 1.409%        |
| 21        | 15.574      | 2288          | 2293        | 2304         | rVB      | 1017672        | 1365098       | 70.24%          | 7.062%        |

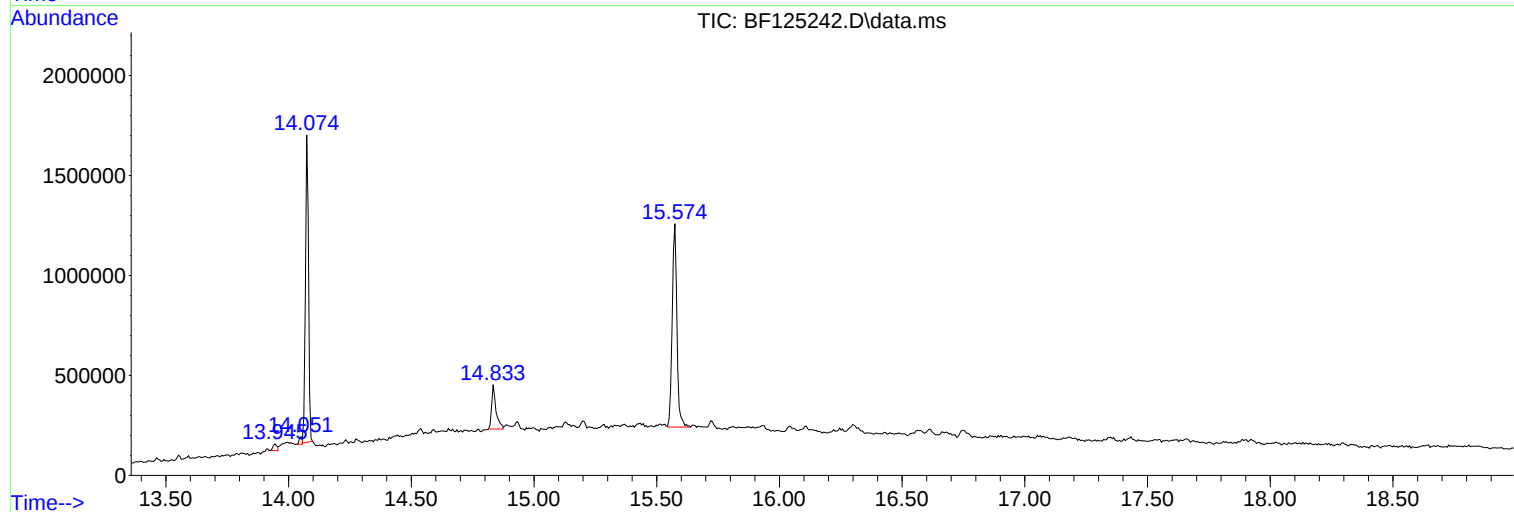
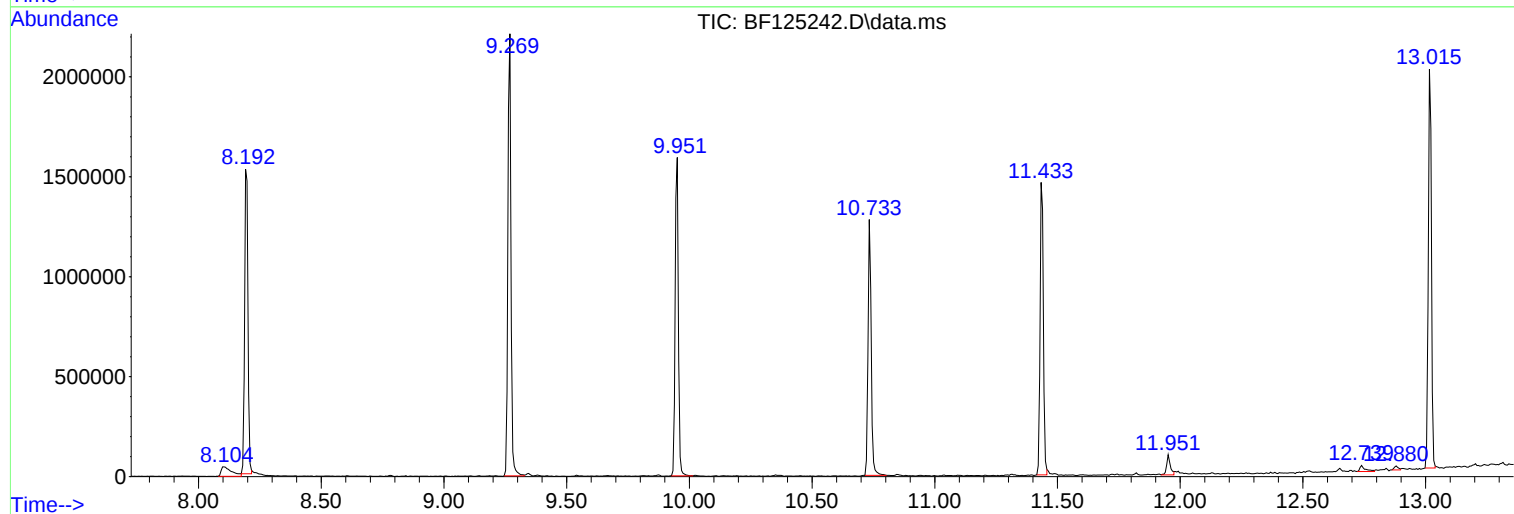
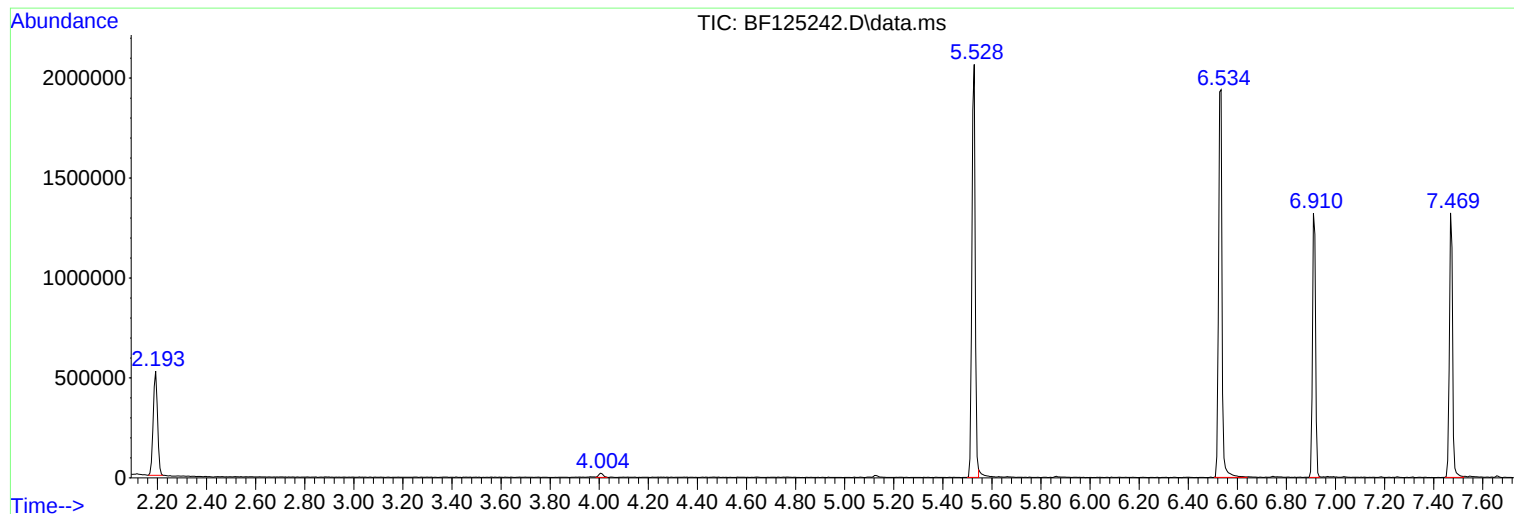
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ALS Vial : 18 Sample Multiplier: 1

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BNA\_F  
ClientSampleId :  
NCS-COMP-1

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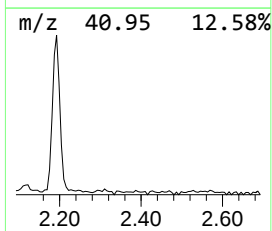
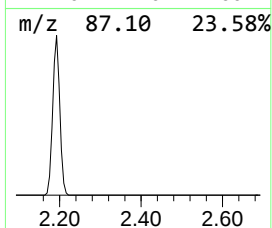
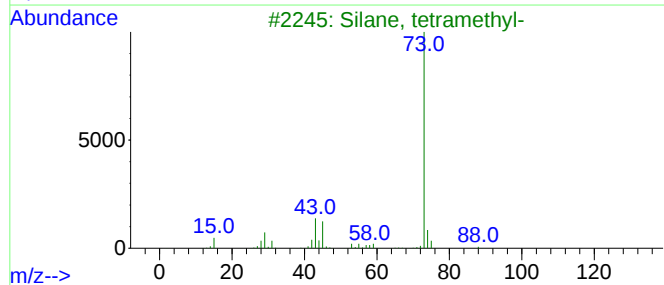
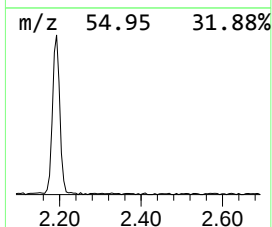
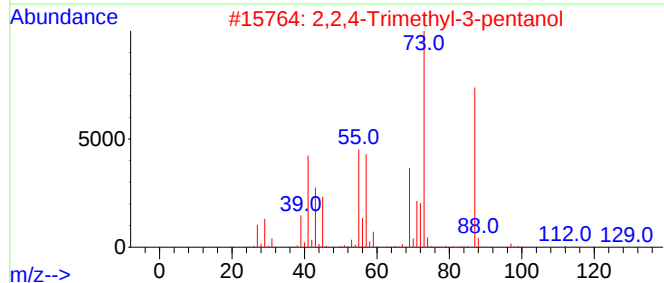
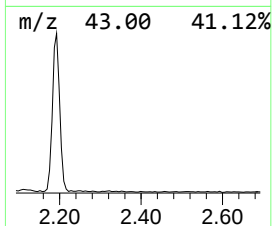
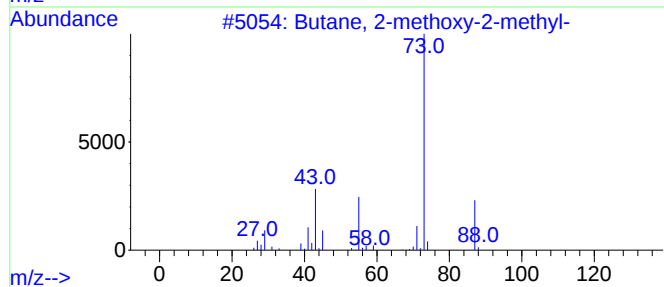
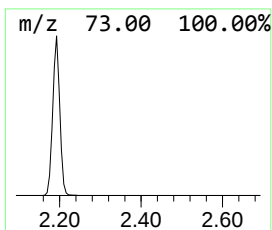
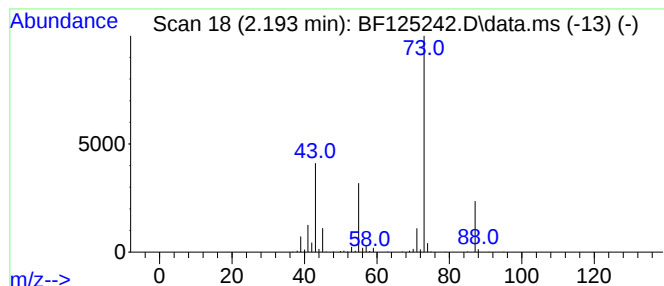
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF081821.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

| R.T.  | EstConc  | Area   | Relative to ISTD       | R.T.  |
|-------|----------|--------|------------------------|-------|
| 2.193 | 11.04 ng | 637909 | 1,4-Dichlorobenzene-d4 | 6.916 |

| 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 | 40   |
| 3    |    |   | Silane, tetramethyl-        | 88  | C4H12Si | 000075-76-3 | 38   |
| 4    |    |   | 3-Pentanol, 2,4-dimethyl-   | 116 | C7H16O  | 000600-36-2 | 37   |
| 5    |    |   | 1,3-Dioxolane, 2-methyl-    | 88  | C4H8O2  | 000497-26-7 | 32   |



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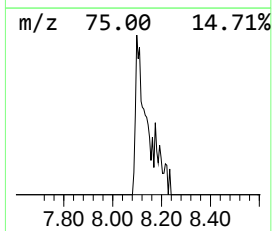
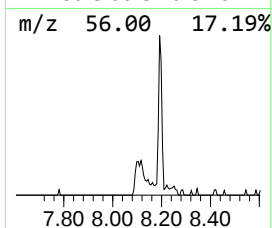
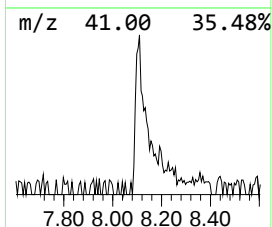
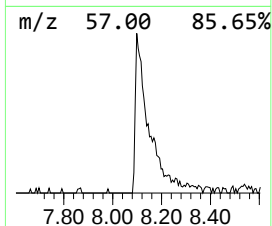
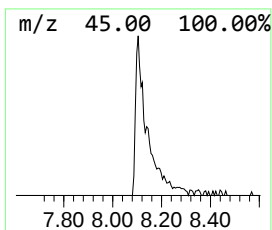
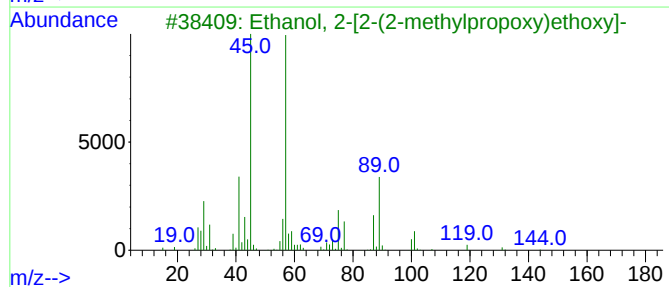
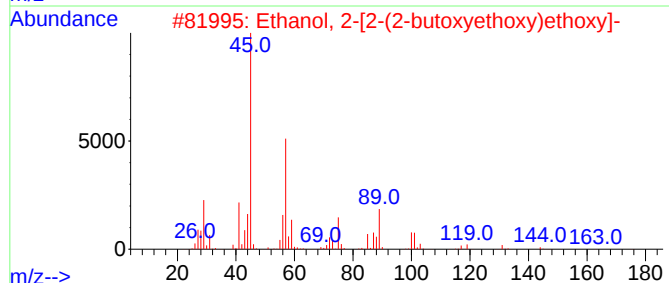
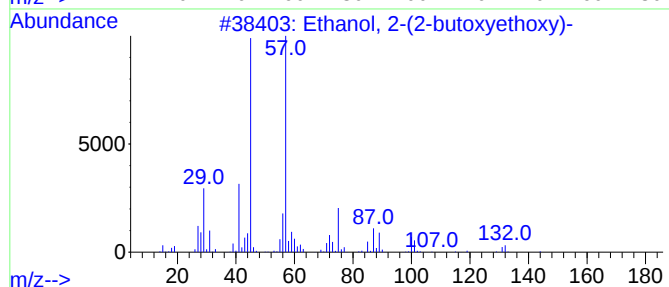
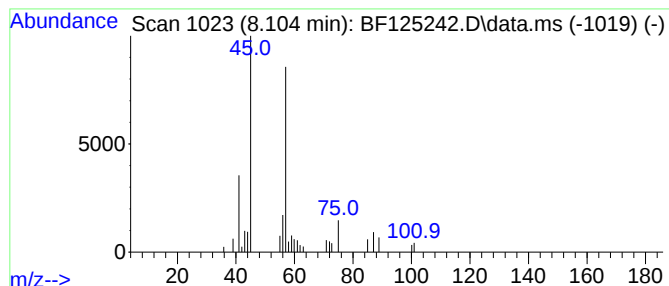
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TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 8.104 | 2.06 ng | 144382 | Naphthalene-d8   | 8.198 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | Ethanol, 2-(2-butoxyethoxy)-        | 162 | C8H18O3  | 000112-34-5 | 83   |
| 2    |    |   | Ethanol, 2-[2-(2-butoxyethoxy)et... | 206 | C10H22O4 | 000143-22-6 | 50   |
| 3    |    |   | Ethanol, 2-[2-(2-methylpropoxy)e... | 162 | C8H18O3  | 018912-80-6 | 50   |
| 4    |    |   | Di-sec-Butyl ether                  | 130 | C8H18O   | 006863-58-7 | 42   |
| 5    |    |   | Butane, 1-(1-methylpropoxy)-        | 130 | C8H18O   | 000999-65-5 | 42   |



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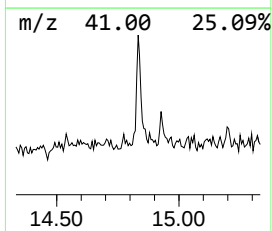
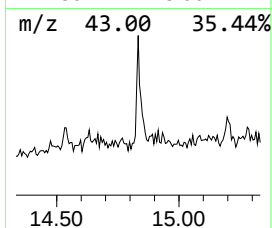
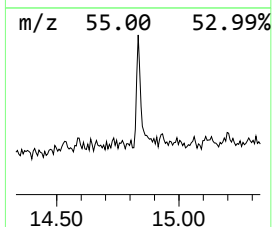
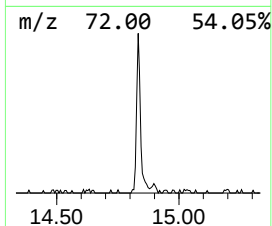
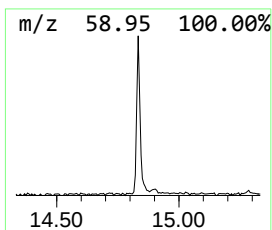
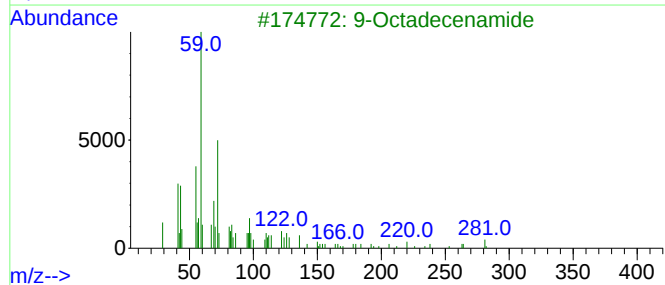
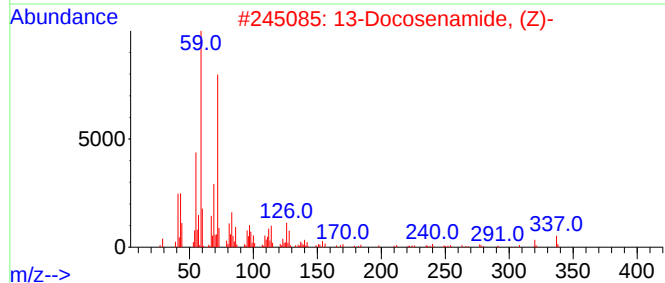
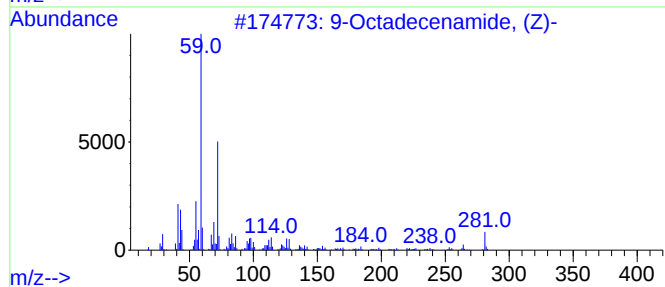
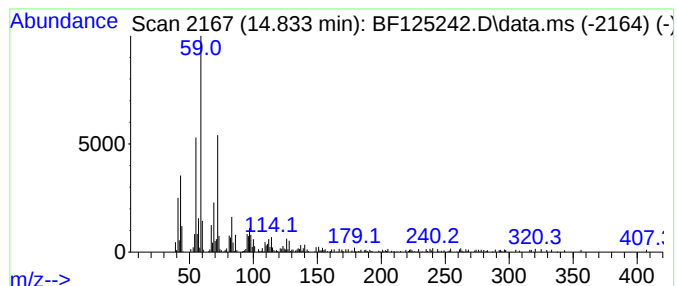
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Peak Number 3 9-Octadecenamide, (Z)- Concentration Rank 2

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 14.833 | 3.99 ng | 272410 | Perylene-d12     | 15.574 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm    | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|------------|-------------|------|
| 1    |    |   | 9-Octadecenamide, (Z)-              | 281 | C18H35NO   | 000301-02-0 | 86   |
| 2    |    |   | 13-Docosenamide, (Z)-               | 337 | C22H43NO   | 000112-84-5 | 86   |
| 3    |    |   | 9-Octadecenamide                    | 281 | C18H35NO   | 003322-62-1 | 78   |
| 4    |    |   | 7-Nonenamide                        | 155 | C9H17NO    | 090949-53-4 | 72   |
| 5    |    |   | Benzeneethanamine, 2-fluoro-.bet... | 229 | C11H16FN03 | 061338-98-5 | 64   |



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| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |         |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|---------|------|
|                    |        |         |       |          | #                     | RT     | Resp    | Conc |
| Butane, 2-metho... | 2.193  | 11.0    | ng    | 637909   | 1                     | 6.916  | 1155410 | 20.0 |
| Ethanol, 2-(2-b... | 8.104  | 2.1     | ng    | 144382   | 2                     | 8.198  | 1401920 | 20.0 |
| 9-Octadecenamid... | 14.833 | 4.0     | ng    | 272410   | 6                     | 15.574 | 1365100 | 20.0 |