LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092221\
Data File : BF125574.D
Acq On : 22 Sep 2021 23:23
Operator : JU/CG
Sample : M3687-18
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** A009095

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-BF092121.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF125574.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 2.187 | 8 | 17 | 25 | rBV | 1388514 | 1743873 | 30.77% | 4.559% |
| 2 | 5.116 | 506 | 515 | 522 | rBV | 561471 | 703257 | 12.41% | 1.839% |
| 3 | 5.510 | 577 | 582 | 585 | rBV | 4087850 | 3990138 | 70.41% | 10.432% |
| 4 | 5.910 | 647 | 650 | 654 | rVB | 76587 | 59746 | 1.05% | 0.156% |
| 5 | 6.510 | 747 | 752 | 755 | rBV | 3754230 | 4038220 | 71.26% | 10.558% |
| 6 | 6.892 | 814 | 817 | 821 | rVB | 1453124 | 1165796 | 20.57% | 3.048% |
| 7 | 7.451 | 907 | 912 | 915 | rBV | 2842285 | 2642184 | 46.63% | 6.908% |
| 8 | 8.075 | 1014 | 1018 | 1021 | rBV | 550075 | 426310 | 7.52% | 1.115% |
| 9 | 8.175 | 1031 | 1035 | 1038 | rBV | 2057796 | 1645144 | 29.03% | 4.301% |
| 10 | 9.251 | 1213 | 1218 | 1221 | rBV | 5960634 | 5466301 | 96.46% | 14.292% |
| 11 | 9.933 | 1330 | 1334 | 1337 | rBV | 2160061 | 1914996 | 33.79% | 5.007% |
| 12 | 10.716 | 1463 | 1467 | 1471 | rBV | 3438360 | 3254935 | 57.44% | 8.510% |
| 13 | 11.416 | 1582 | 1586 | 1589 | rBV | 2422012 | 1945661 | 34.33% | 5.087% |
| 14 | 11.810 | 1650 | 1653 | 1656 | rVB | 94682 | 66460 | 1.17% | 0.174% |
| 15 | 11.939 | 1669 | 1675 | 1679 | rBV | 175523 | 161853 | 2.86% | 0.423% |
| 16 | 12.515 | 1767 | 1773 | 1777 | rBV2 | 112988 | 105455 | 1.86% | 0.276% |
| 17 | 12.727 | 1805 | 1809 | 1819 | rBV3 | 58073 | 71487 | 1.26% | 0.187% |
| 18 | 13.004 | 1851 | 1856 | 1859 | rBV | 5797660 | 5666819 | 100.00% | 14.816% |
| 19 | 13.898 | 2004 | 2008 | 2020 | rBV3 | 349745 | 458502 | 8.09% | 1.199% |
| 20 | 14.057 | 2030 | 2035 | 2038 | rBV | 1525440 | 1478435 | 26.09% | 3.865% |
| 21 | 14.533 | 2112 | 2116 | 2120 | rBV | 49445 | 56960 | 1.01% | 0.149% |
| 22 | 15.533 | 2281 | 2286 | 2291 | rBV | 985884 | 1184705 | 20.91% | 3.097% |

Sum of corrected areas: 38247237

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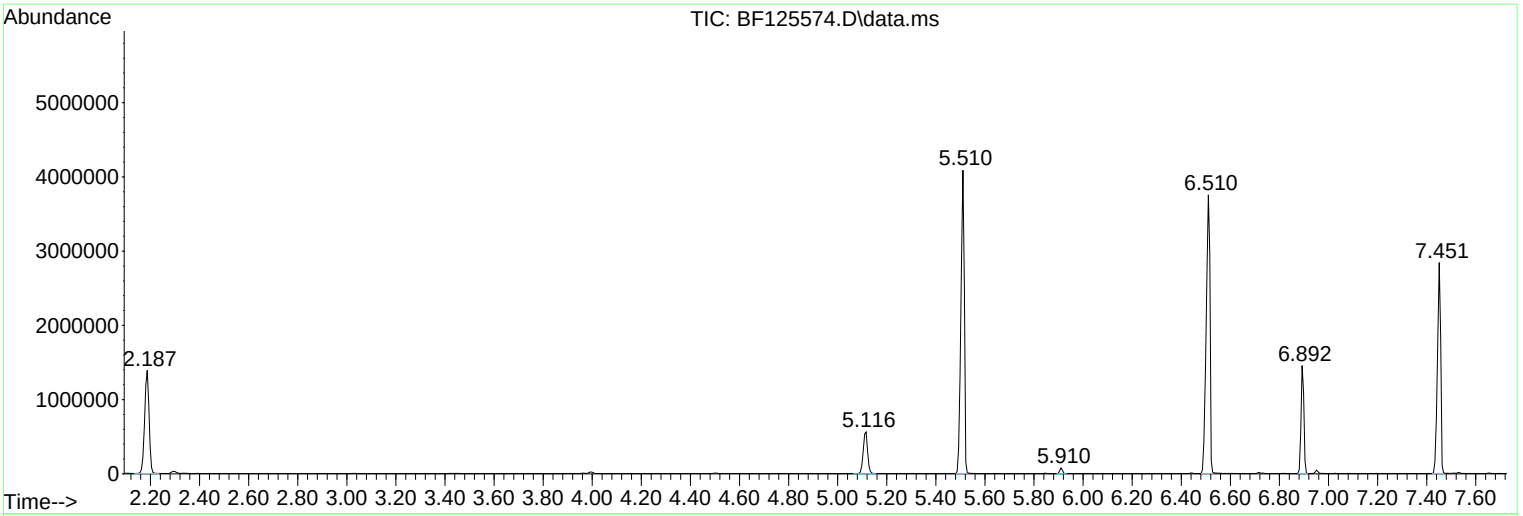
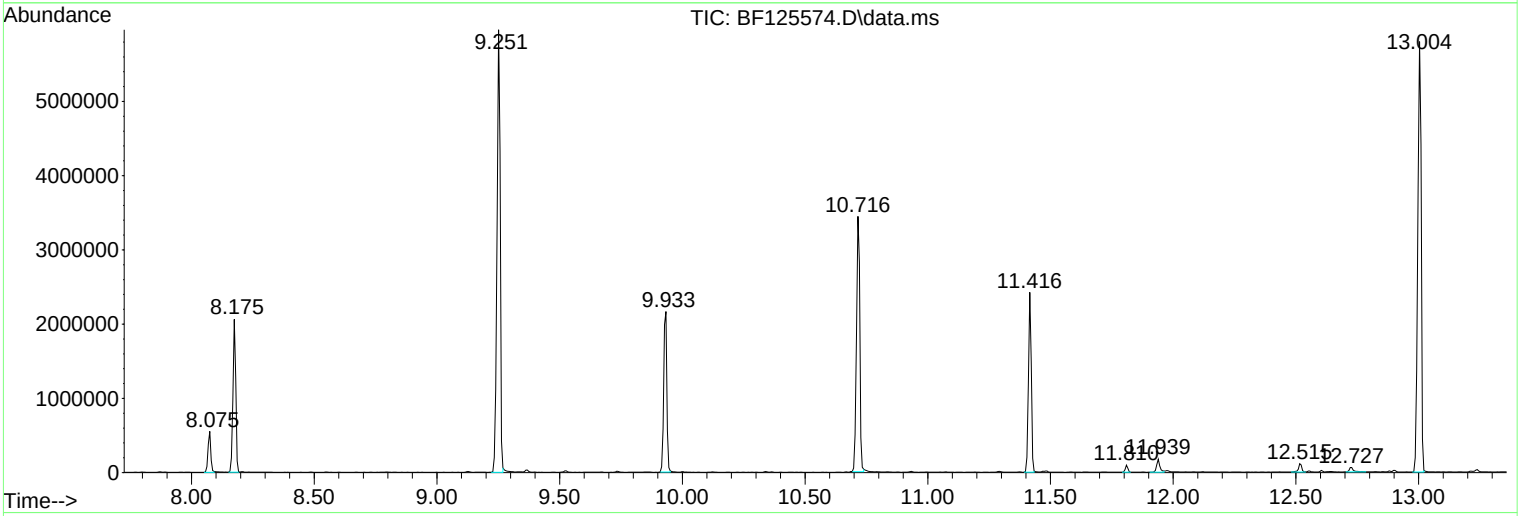
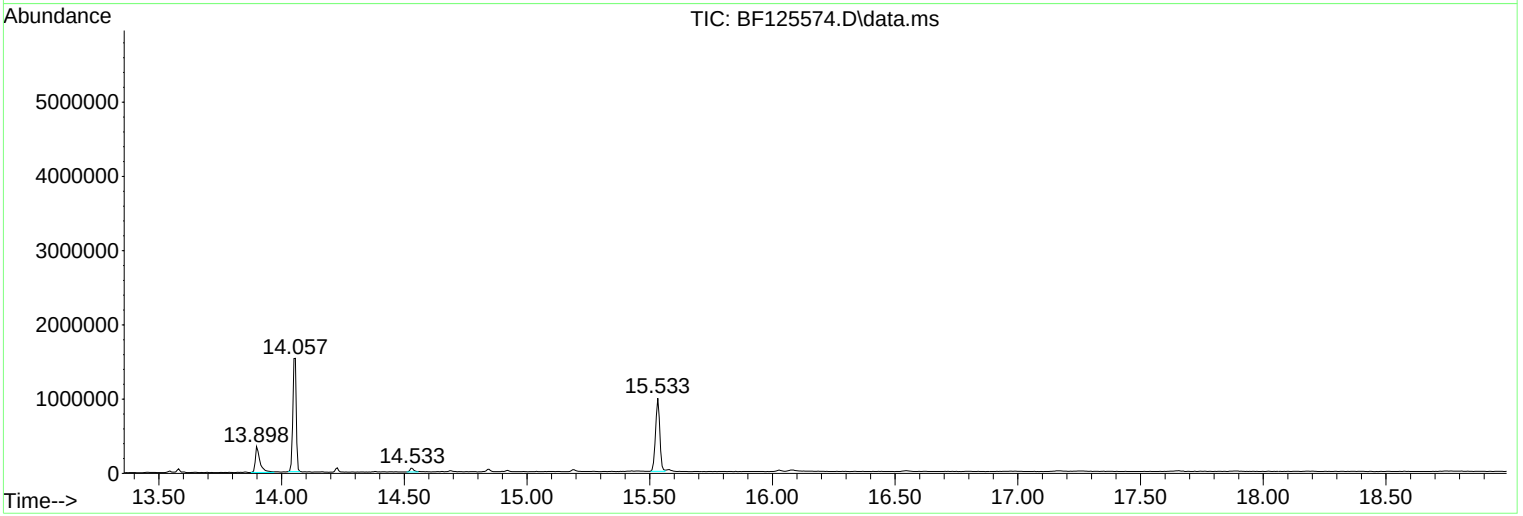
**ClientSampleId :**
A009095

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092121.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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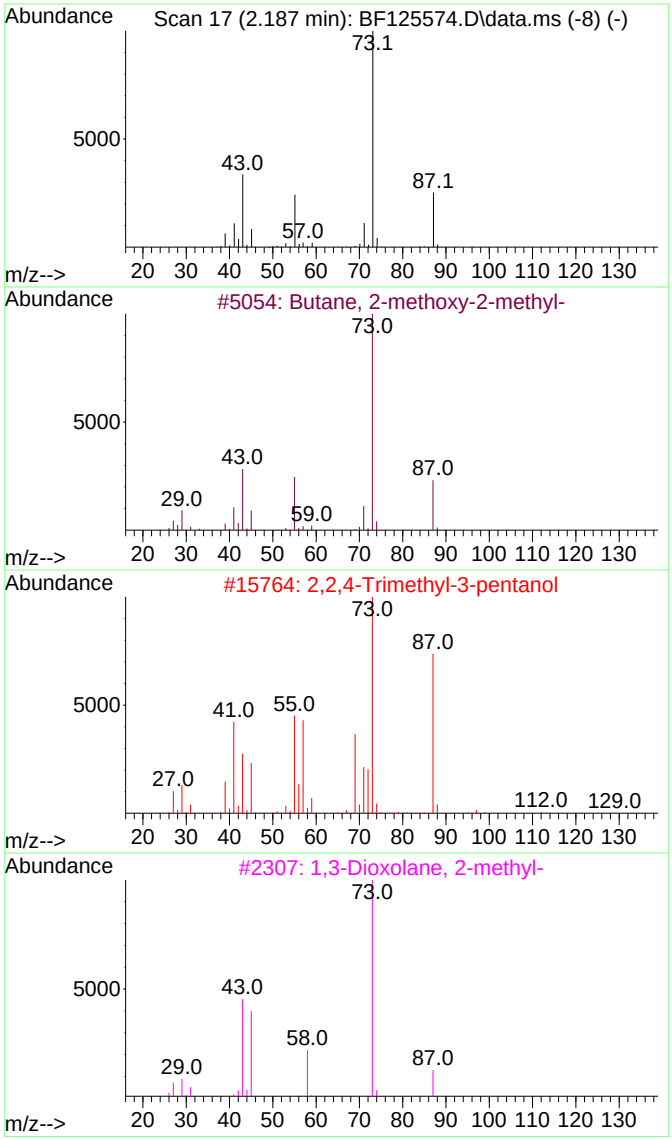
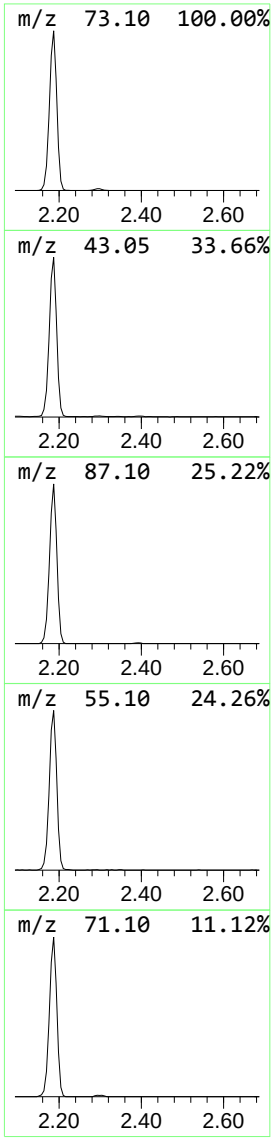
**********
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 2.187 | 29.92 ng | 1743870 | 1,4-Dichlorobenzene-d4 | 6.892 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Butane, 2-methoxy-2-methyl- | 102 | C6H14O | 000994-05-8 | 78 |
| 2 | 2,2,4-Trimethyl-3-pentanol | 130 | C8H18O | 005162-48-1 | 39 |
| 3 | 1,3-Dioxolane, 2-methyl- | 88 | C4H8O2 | 000497-26-7 | 25 |
| 4 | Pentane, 3-methoxy- | 102 | C6H14O | 036839-67-5 | 23 |
| 5 | Silane, tetramethyl- | 88 | C4H12Si | 000075-76-3 | 17 |



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ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
A009095

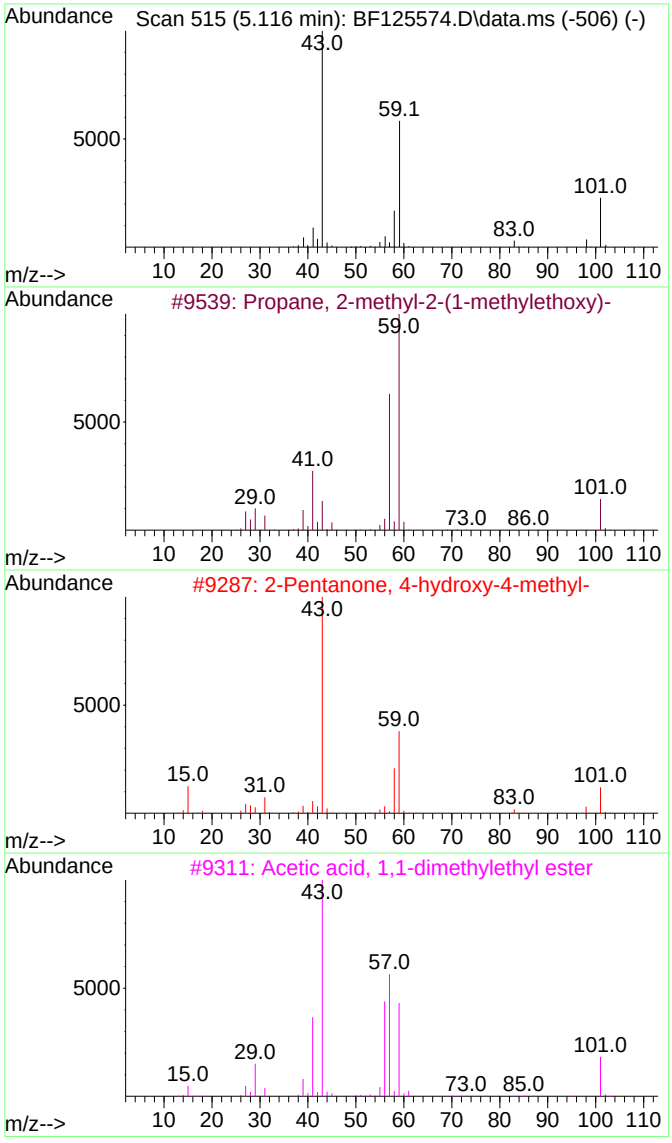
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

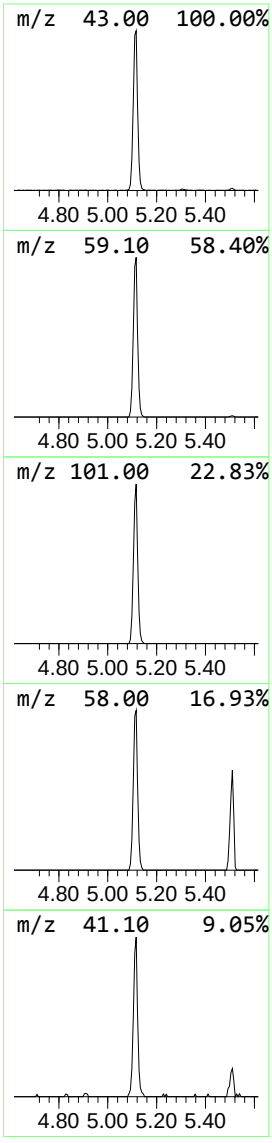
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 2 Propane, 2-methyl-2-(1-meth... Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.116 | 12.06 ng | 703257 | 1,4-Dichlorobenzene-d4 | 6.892 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Propane, 2-methyl-2-(1-methyleth... | 116 | C7H16O | 017348-59-3 | 50 |
| 2 | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2 | 000123-42-2 | 50 |
| 3 | Acetic acid, 1,1-dimethylethyl e... | 116 | C6H12O2 | 000540-88-5 | 39 |
| 4 | Acetic acid, cyano-, 1,1-dimethy... | 141 | C7H11NO2 | 001116-98-9 | 17 |
| 5 | 1-Propen-2-ol, acetate | 100 | C5H8O2 | 000108-22-5 | 10 |



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**Instrument :**
BNA_F
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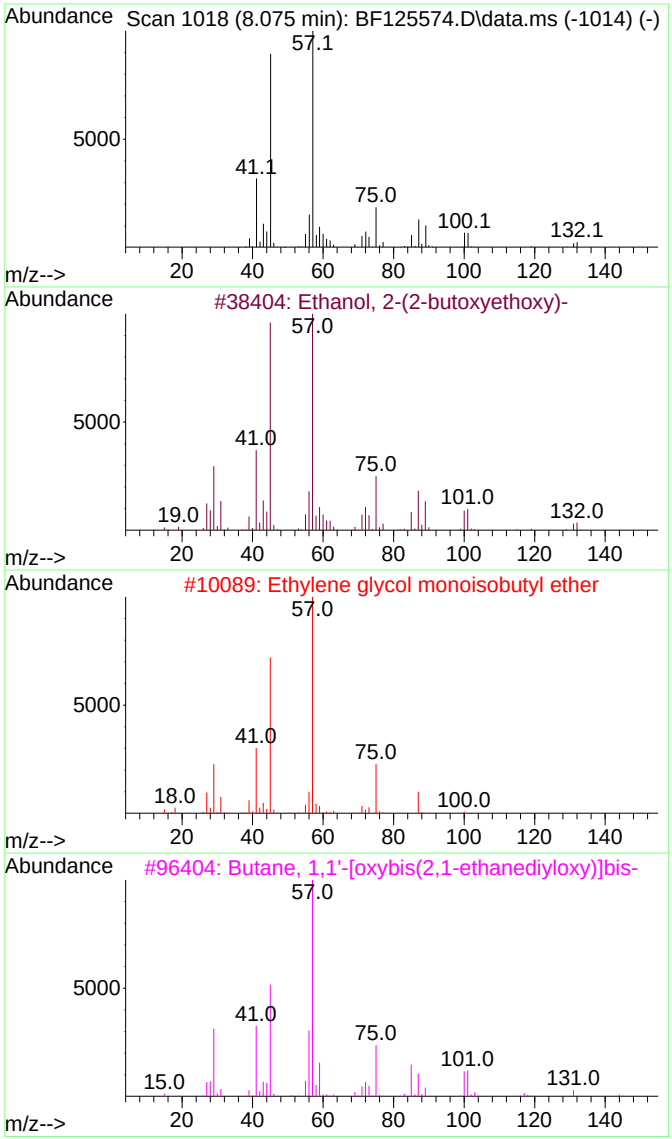
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

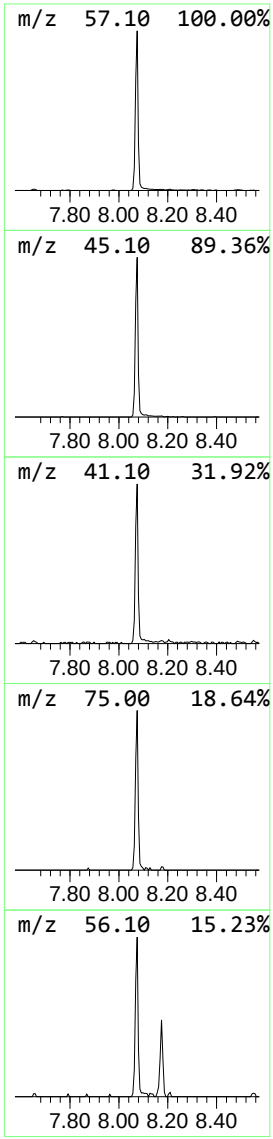
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 3 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.075 | 5.18 ng | 426310 | Naphthalene-d8 | 8.175 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Ethanol, 2-(2-butoxyethoxy)- | 162 | C8H18O3 | 000112-34-5 | 91 |
| 2 | Ethylene glycol monoisobutyl ether | 118 | C6H14O2 | 004439-24-1 | 64 |
| 3 | Butane, 1,1'-[oxybis(2,1-ethaned... | 218 | C12H26O3 | 000112-73-2 | 56 |
| 4 | Ethanol, 2-[2-(2-methylpropoxy)e... | 162 | C8H18O3 | 018912-80-6 | 56 |
| 5 | Ethanol, 1-(2-butoxyethoxy)- | 162 | C8H18O3 | 054446-78-5 | 52 |



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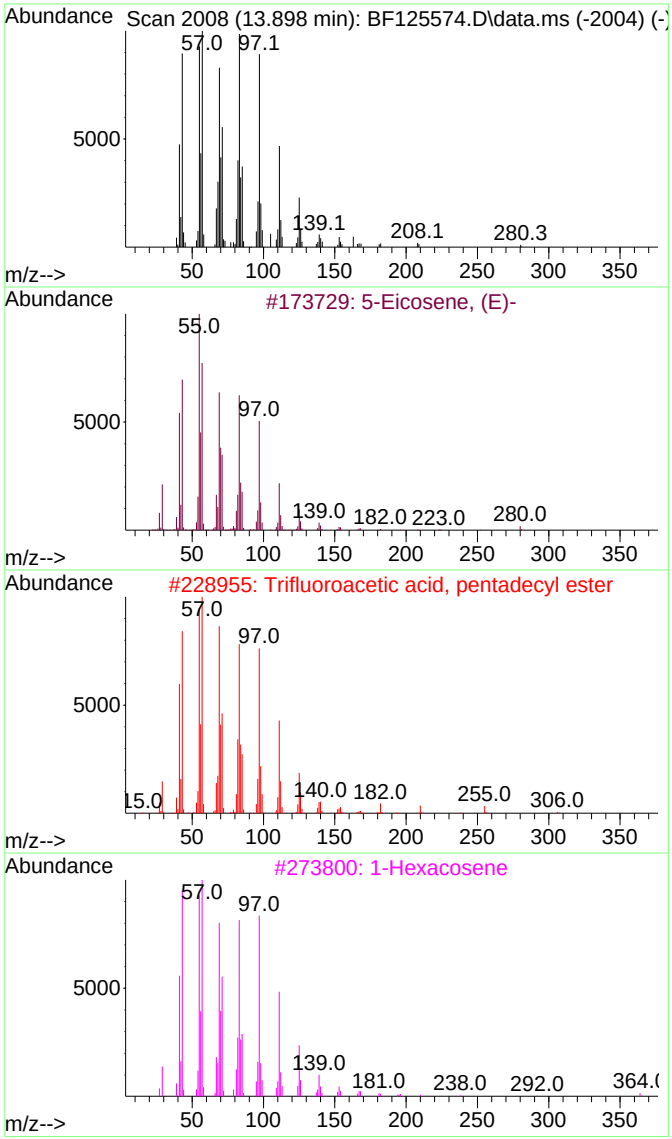
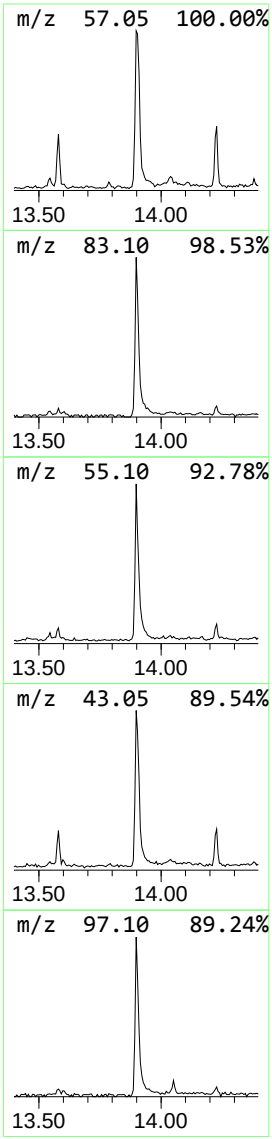
**********

Peak Number 4 5-Eicosene, (E)- Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.898 | 6.20 ng | 458502 | Chrysene-d12 | 14.057 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 5-Eicosene, (E)- | 280 | C20H40 | 074685-30-6 | 97 |
| 2 | Trifluoroacetic acid, pentadecyl... | 324 | C17H31F3O2 | 959010-23-2 | 94 |
| 3 | 1-Hexacosene | 364 | C26H52 | 018835-33-1 | 94 |
| 4 | Trifluoroacetoxy hexadecane | 338 | C18H33F3O2 | 006222-03-3 | 94 |
| 5 | Heptafluorobutyric acid, pentade... | 424 | C19H31F7O2 | 959261-23-5 | 94 |



Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

| | | | | | --Internal Standard--- | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| Butane, 2-metho... | 2.187 | 29.9 | ng | 1743870 | 1 | 6.892 | 1165800 | 20.0 |
| Propane, 2-meth... | 5.116 | 12.1 | ng | 703257 | 1 | 6.892 | 1165800 | 20.0 |
| Ethanol, 2-(2-b... | 8.075 | 5.2 | ng | 426310 | 2 | 8.175 | 1645140 | 20.0 |
| 5-Eicosene, (E)- | 13.898 | 6.2 | ng | 458502 | 5 | 14.057 | 1478440 | 20.0 |