LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092521\
Data File : BF125656.D
Acq On : 25 Sep 2021 14:55
Operator : JU/CG
Sample : M3922-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SUB-SLAB-02-(43-45)

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: BF125656.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 2.163 | 7 | 13 | 19 | rVB | 867225 | 1132815 | 32.96% | 4.485% |
| 2 | 5.104 | 505 | 513 | 518 | rBV | 40396 | 52622 | 1.53% | 0.208% |
| 3 | 5.498 | 575 | 580 | 584 | rBV | 2738962 | 2730470 | 79.44% | 10.811% |
| 4 | 6.504 | 746 | 751 | 754 | rBV | 2932577 | 2730959 | 79.45% | 10.813% |
| 5 | 6.887 | 812 | 816 | 819 | rBV | 1118177 | 850967 | 24.76% | 3.369% |
| 6 | 7.445 | 906 | 911 | 914 | rBV | 1947530 | 1743952 | 50.74% | 6.905% |
| 7 | 8.063 | 1013 | 1016 | 1027 | rBV | 525440 | 471828 | 13.73% | 1.868% |
| 8 | 8.169 | 1030 | 1034 | 1037 | rVB | 1379314 | 1191683 | 34.67% | 4.719% |
| 9 | 9.239 | 1212 | 1216 | 1220 | rBV | 3885160 | 3437225 | 100.00% | 13.610% |
| 10 | 9.922 | 1328 | 1332 | 1335 | rBV | 1738531 | 1377080 | 40.06% | 5.453% |
| 11 | 10.704 | 1461 | 1465 | 1469 | rBV | 2452859 | 2157798 | 62.78% | 8.544% |
| 12 | 11.404 | 1580 | 1584 | 1588 | rBV | 1656516 | 1390861 | 40.46% | 5.507% |
| 13 | 11.927 | 1669 | 1673 | 1682 | rBV | 239477 | 238679 | 6.94% | 0.945% |
| 14 | 12.716 | 1803 | 1807 | 1815 | rBV | 95644 | 120073 | 3.49% | 0.475% |
| 15 | 12.992 | 1849 | 1854 | 1857 | rBV | 3327220 | 3180288 | 92.52% | 12.593% |
| 16 | 13.463 | 1931 | 1934 | 1938 | rVB | 323843 | 247312 | 7.20% | 0.979% |
| 17 | 13.892 | 2002 | 2007 | 2022 | rBV | 96216 | 200944 | 5.85% | 0.796% |
| 18 | 14.039 | 2027 | 2032 | 2036 | rBV | 1229809 | 1085014 | 31.57% | 4.296% |
| 19 | 15.515 | 2278 | 2283 | 2288 | rBV | 754651 | 914763 | 26.61% | 3.622% |

Sum of corrected areas: 25255333

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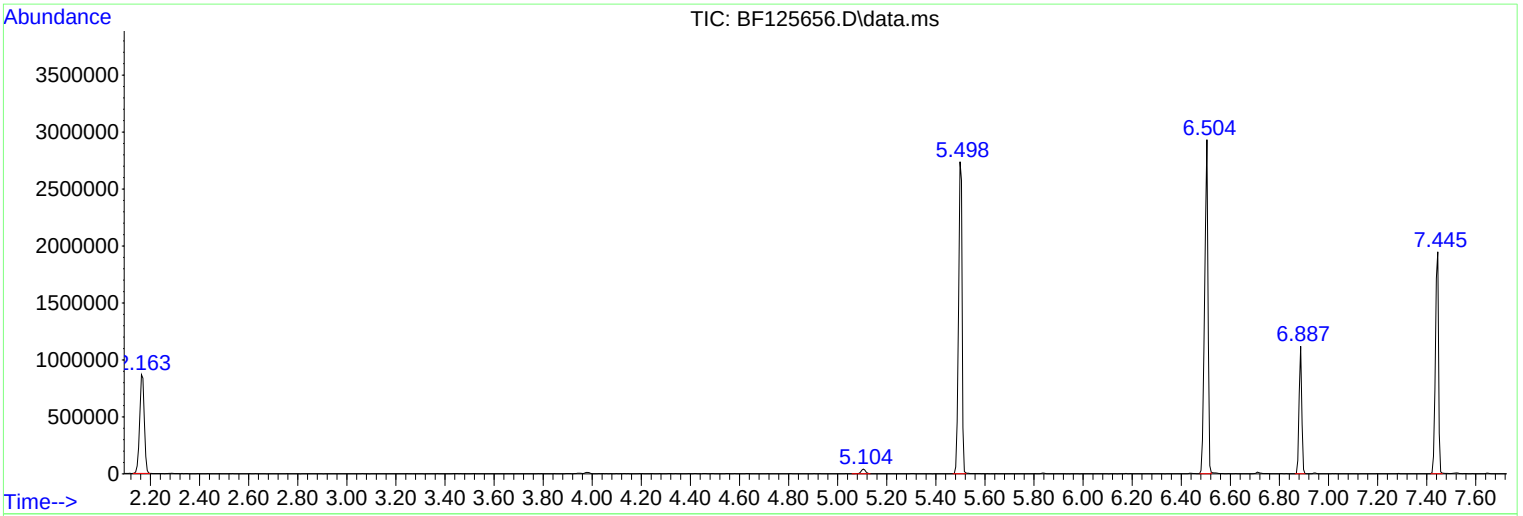
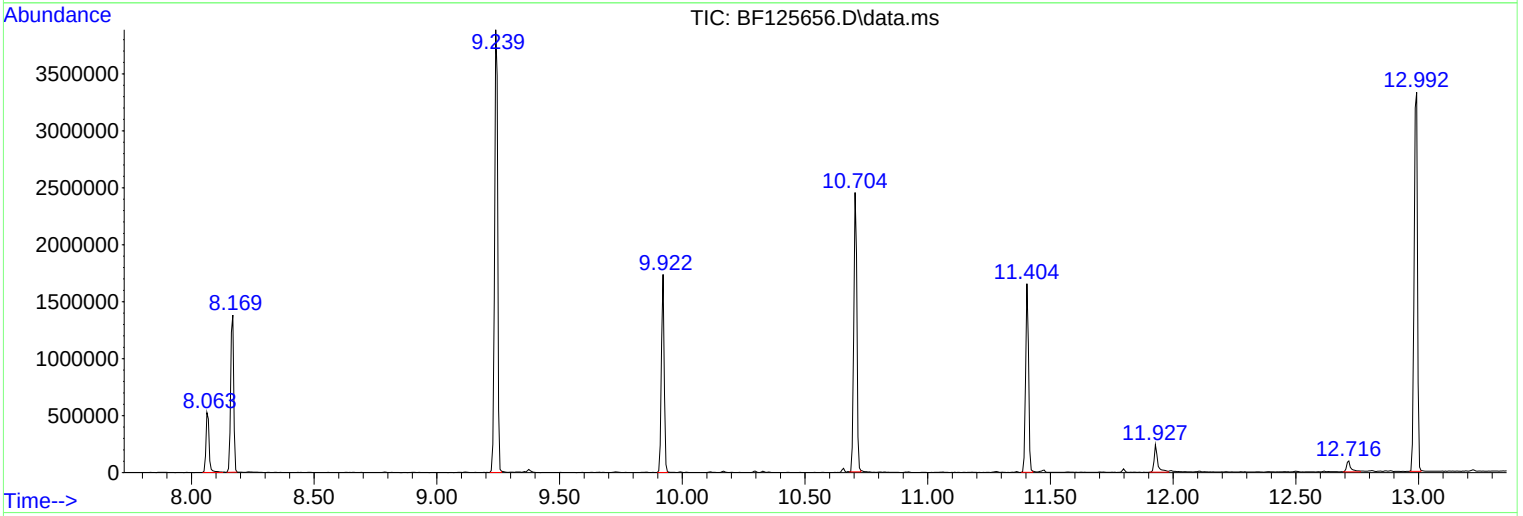
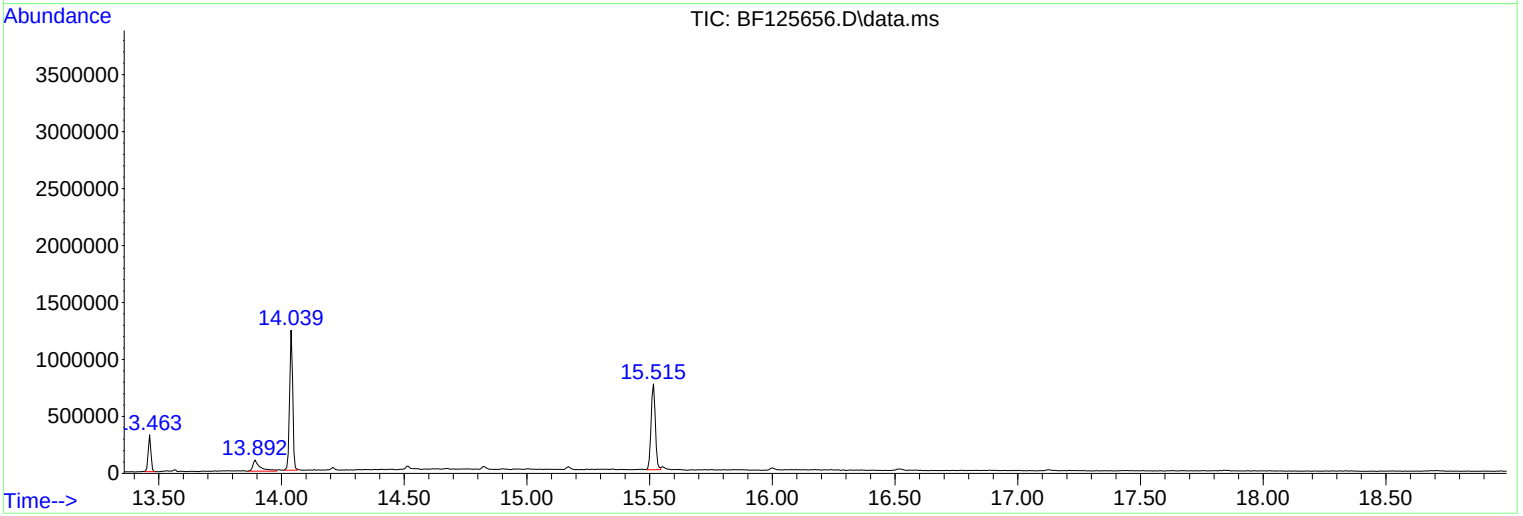
BNA_F
**ClientSampleId :**
SUB-SLAB-02-(43-45)

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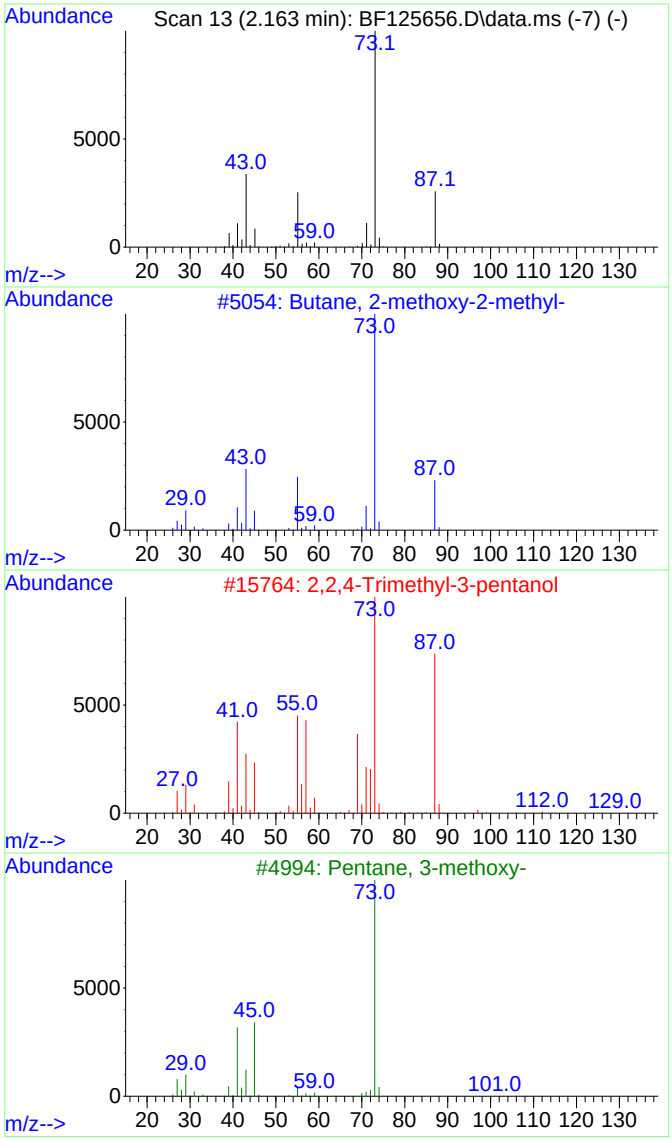
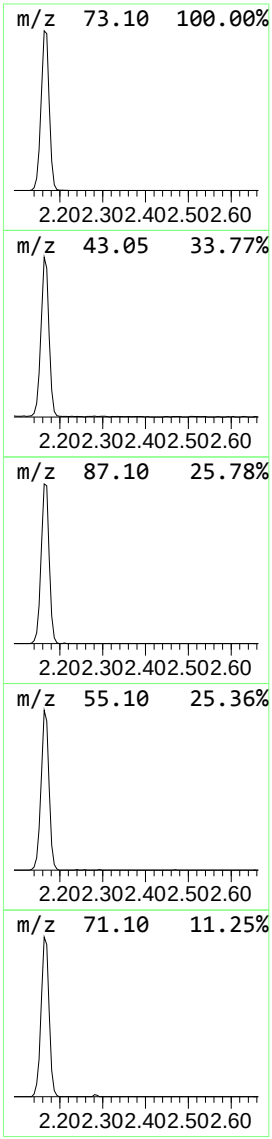
**********
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 2.163 | 26.62 ng | 1132820 | 1,4-Dichlorobenzene-d4 | 6.887 |

| 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 | 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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ALS Vial : 11 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SUB-SLAB-02-(43-45)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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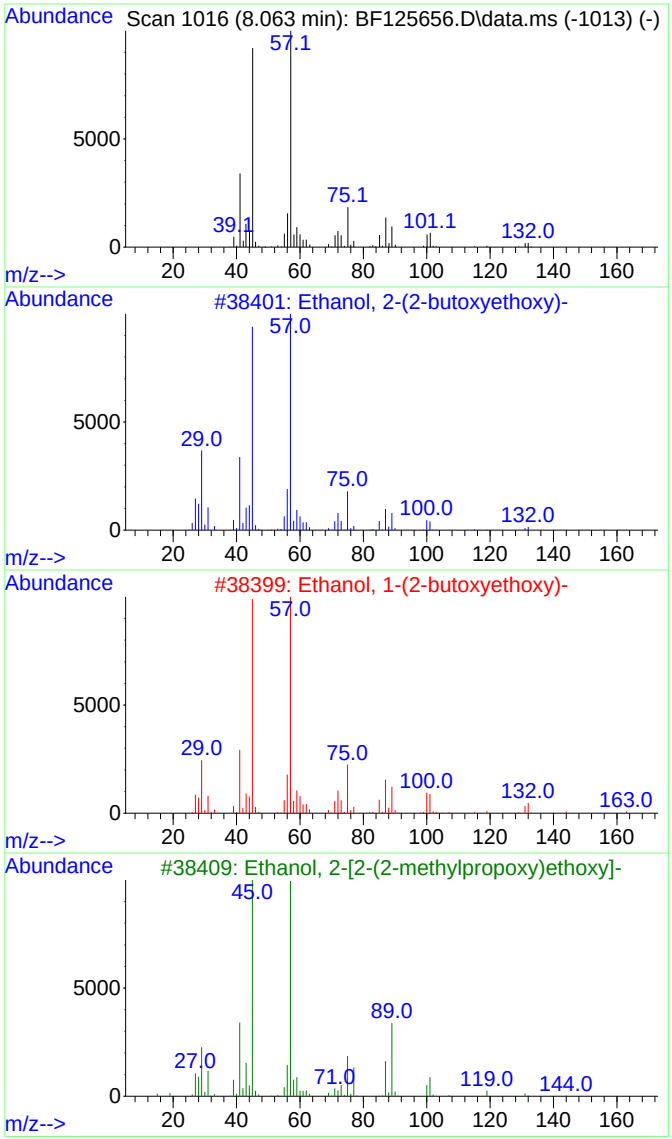
TIC Integration Parameters: LSCINT.P

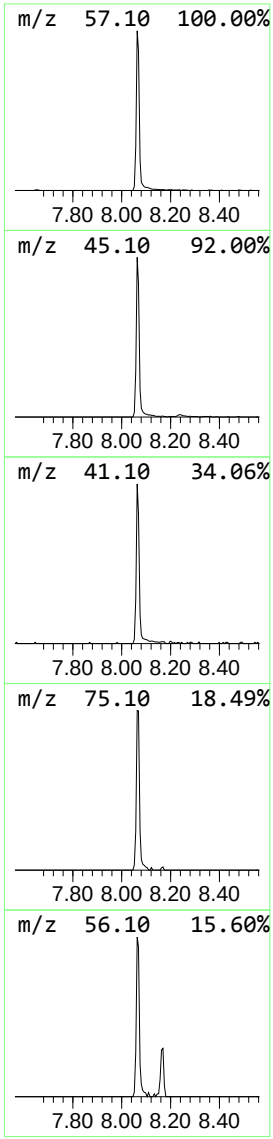
**********

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.063 | 7.92 ng | 471828 | 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 | Ethanol, 1-(2-butoxyethoxy)- | 162 | C8H18O3 | 054446-78-5 | 83 |
| 3 | Ethanol, 2-[2-(2-methylpropoxy)e... | 162 | C8H18O3 | 018912-80-6 | 56 |
| 4 | Tetraethylene glycol | 194 | C8H18O5 | 000112-60-7 | 50 |
| 5 | Di-sec-Butyl ether | 130 | C8H18O | 006863-58-7 | 50 |



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ALS Vial : 11 Sample Multiplier: 1

**Instrument :** BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092421.M
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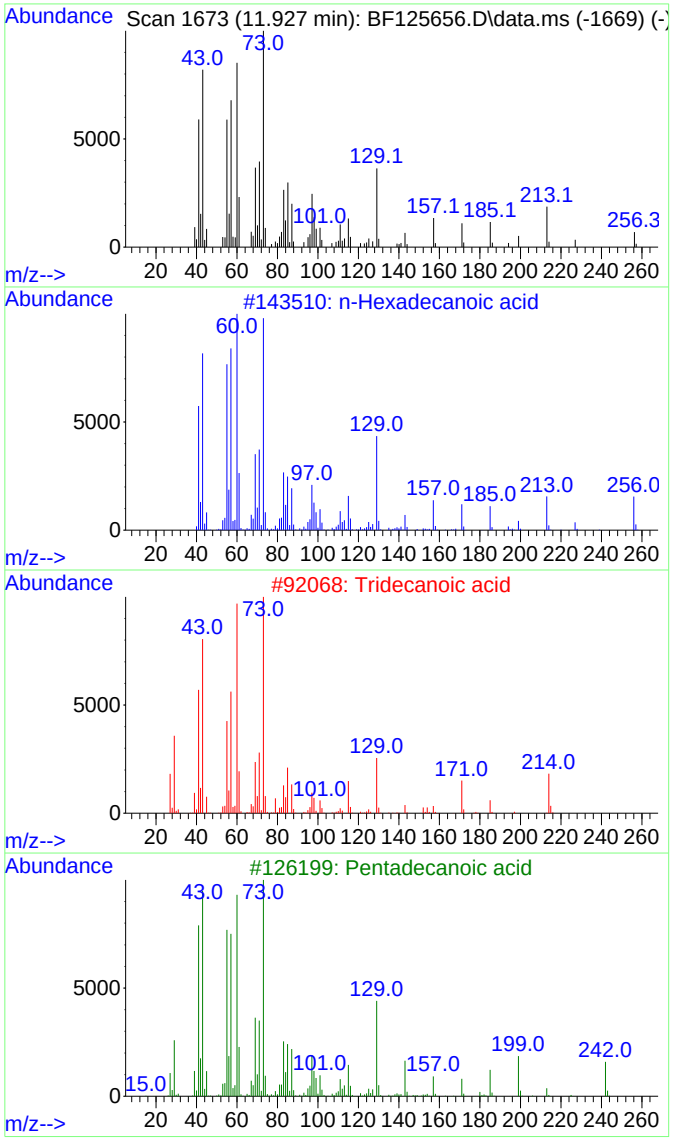
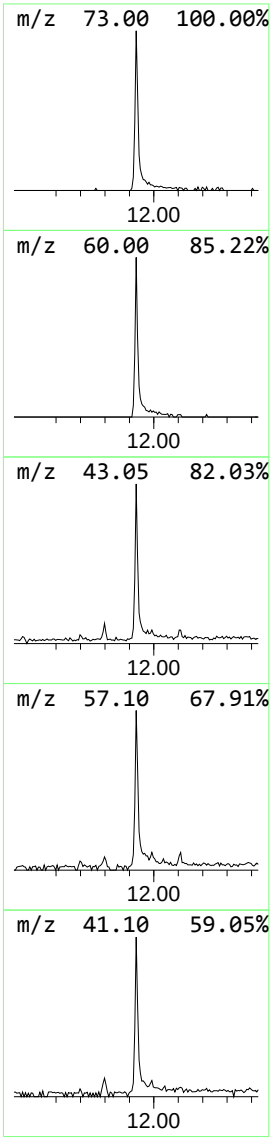
**********

Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.928 | 3.43 ng | 238679 | Phenanthrene-d10 | 11.404 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 99 |
| 2 | Tridecanoic acid | 214 | C13H26O2 | 000638-53-9 | 93 |
| 3 | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 87 |
| 4 | Tetradecanoic acid | 228 | C14H28O2 | 000544-63-8 | 80 |
| 5 | Nonanoic acid | 158 | C9H18O2 | 000112-05-0 | 43 |



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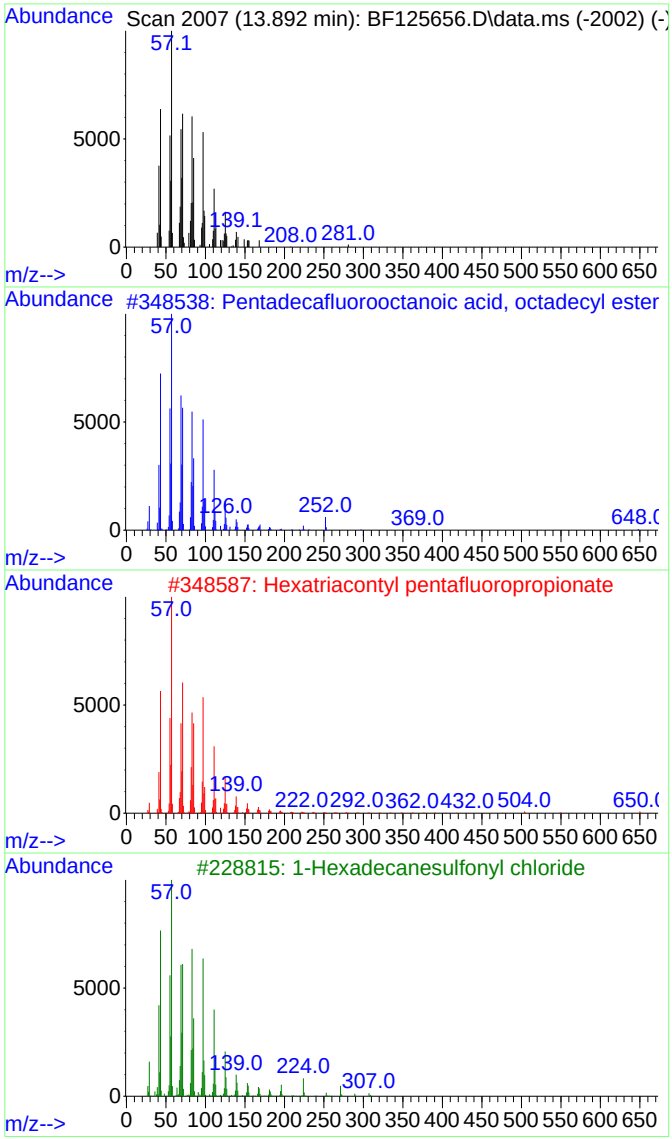
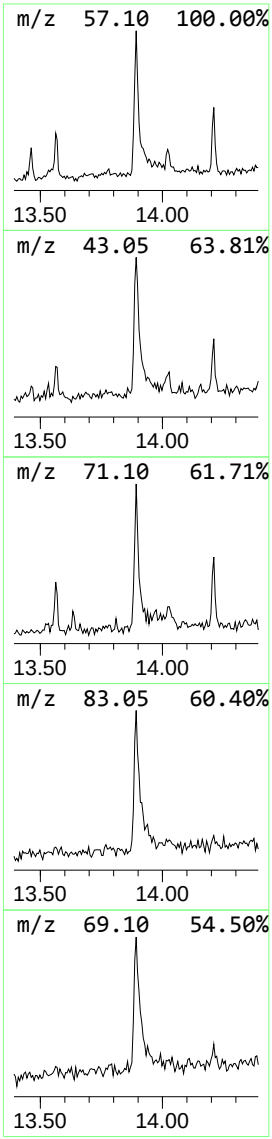
**********
Peak Number 4 Pentadecafluorooctanoic aci... Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.892 | 3.70 ng | 200944 | Chrysene-d12 | 14.039 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pentadecafluorooctanoic acid, oc... | 666 | C26H37F15O2 | 1000406-04-8 | 95 |
| 2 | Hexatriacontyl pentafluoropropio... | 669 | C39H73F5O2 | 1000351-89-0 | 91 |
| 3 | 1-Hexadecanesulfonyl chloride | 324 | C16H33ClO2S | 038775-38-1 | 91 |
| 4 | Octacosyl heptafluorobutyrate | 606 | C32H57F7O2 | 1010351-83-6 | 91 |
| 5 | Heptacosyl pentafluoropropionate | 542 | C30H55F5O2 | 1000351-81-6 | 90 |



Tentatively Identified Compound (LSC) summary

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| | | | | | Internal Standard | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| Butane, 2-metho... | 2.163 | 26.6 | ng | 1132820 | 1 | 6.887 | 850967 | 20.0 |
| Ethanol, 2-(2-b... | 8.063 | 7.9 | ng | 471828 | 2 | 8.169 | 1191680 | 20.0 |
| n-Hexadecanoic ... | 11.928 | 3.4 | ng | 238679 | 4 | 11.404 | 1390860 | 20.0 |
| Pentadecafluoro... | 13.892 | 3.7 | ng | 200944 | 5 | 14.039 | 1085010 | 20.0 |