LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080823\
Data File : BF134676.D
Acq On : 08 Aug 2023 17:33
Operator : CG\JU
Sample : 03919-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** TP-38

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-BF080123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF134676.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 2.181 | 11 | 16 | 28 | rVB2 | 65956 | 105598 | 2.82% | 0.384% |
| 2 | 5.040 | 498 | 502 | 508 | rVB | 97755 | 112758 | 3.01% | 0.410% |
| 3 | 5.434 | 564 | 569 | 572 | rBV | 3937206 | 3743097 | 100.00% | 13.621% |
| 4 | 6.439 | 734 | 740 | 742 | rBV | 3274592 | 3654853 | 97.64% | 13.300% |
| 5 | 6.628 | 769 | 772 | 777 | rBV | 153804 | 121288 | 3.24% | 0.441% |
| 6 | 6.798 | 798 | 801 | 805 | rVB | 1410801 | 1156723 | 30.90% | 4.209% |
| 7 | 7.363 | 891 | 897 | 900 | rBV | 2273145 | 2244039 | 59.95% | 8.166% |
| 8 | 8.075 | 1014 | 1018 | 1022 | rBV | 1576085 | 1387826 | 37.08% | 5.050% |
| 9 | 9.157 | 1197 | 1202 | 1205 | rBV | 4295288 | 3671328 | 98.08% | 13.360% |
| 10 | 9.275 | 1218 | 1222 | 1226 | rBV2 | 64866 | 68657 | 1.83% | 0.250% |
| 11 | 9.833 | 1313 | 1317 | 1320 | rBV | 1627891 | 1268758 | 33.90% | 4.617% |
| 12 | 10.622 | 1447 | 1451 | 1455 | rBV | 2238839 | 1941824 | 51.88% | 7.066% |
| 13 | 11.322 | 1567 | 1570 | 1574 | rBV | 1486048 | 1206551 | 32.23% | 4.391% |
| 14 | 11.857 | 1658 | 1661 | 1671 | rBV2 | 203159 | 215610 | 5.76% | 0.785% |
| 15 | 12.745 | 1809 | 1812 | 1814 | rBV | 65944 | 59803 | 1.60% | 0.218% |
| 16 | 12.921 | 1837 | 1842 | 1845 | rBV | 3520665 | 3516489 | 93.95% | 12.797% |
| 17 | 13.404 | 1919 | 1924 | 1933 | rBV | 807314 | 883625 | 23.61% | 3.216% |
| 18 | 13.486 | 1935 | 1938 | 1939 | rBV | 60203 | 57380 | 1.53% | 0.209% |
| 19 | 13.827 | 1993 | 1996 | 2003 | rBV | 236212 | 321979 | 8.60% | 1.172% |
| 20 | 13.968 | 2017 | 2020 | 2024 | rBV | 1071013 | 1002589 | 26.79% | 3.649% |
| 21 | 15.445 | 2267 | 2271 | 2280 | rVB | 598093 | 738614 | 19.73% | 2.688% |

Sum of corrected areas: 27479389

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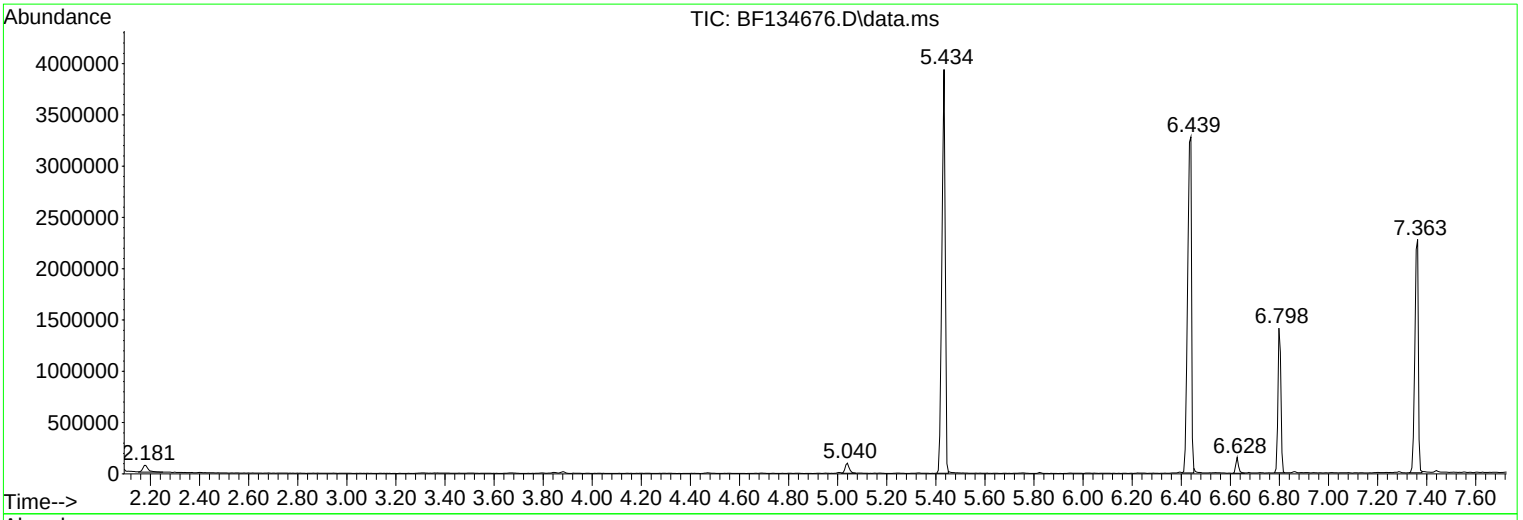
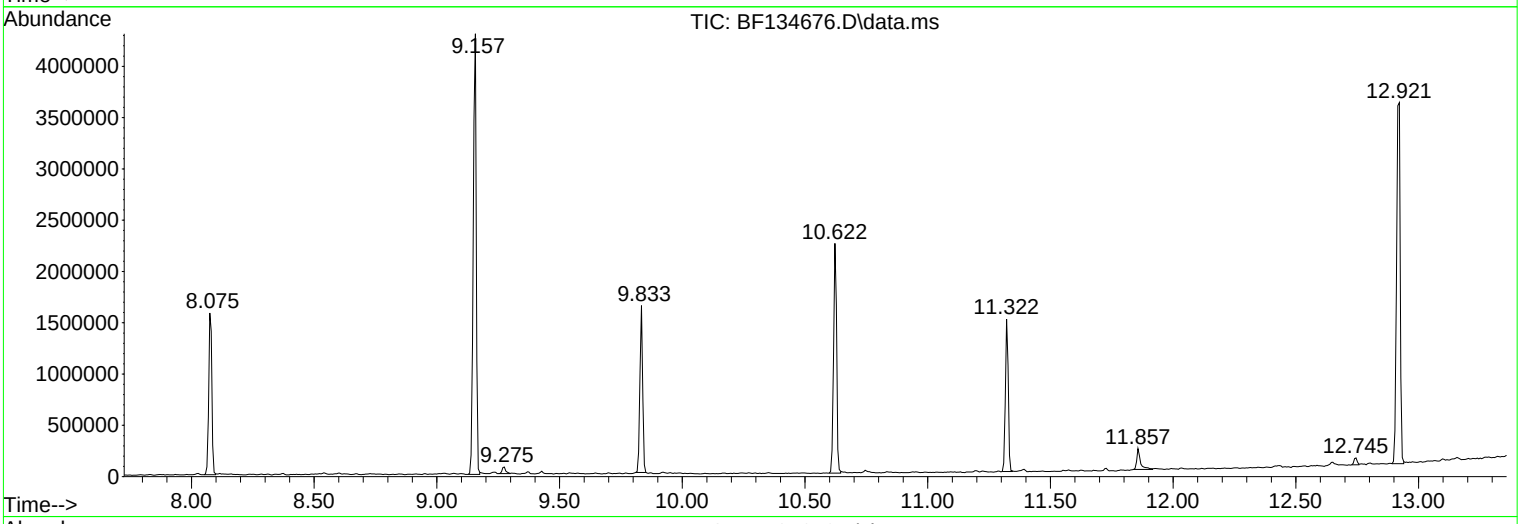
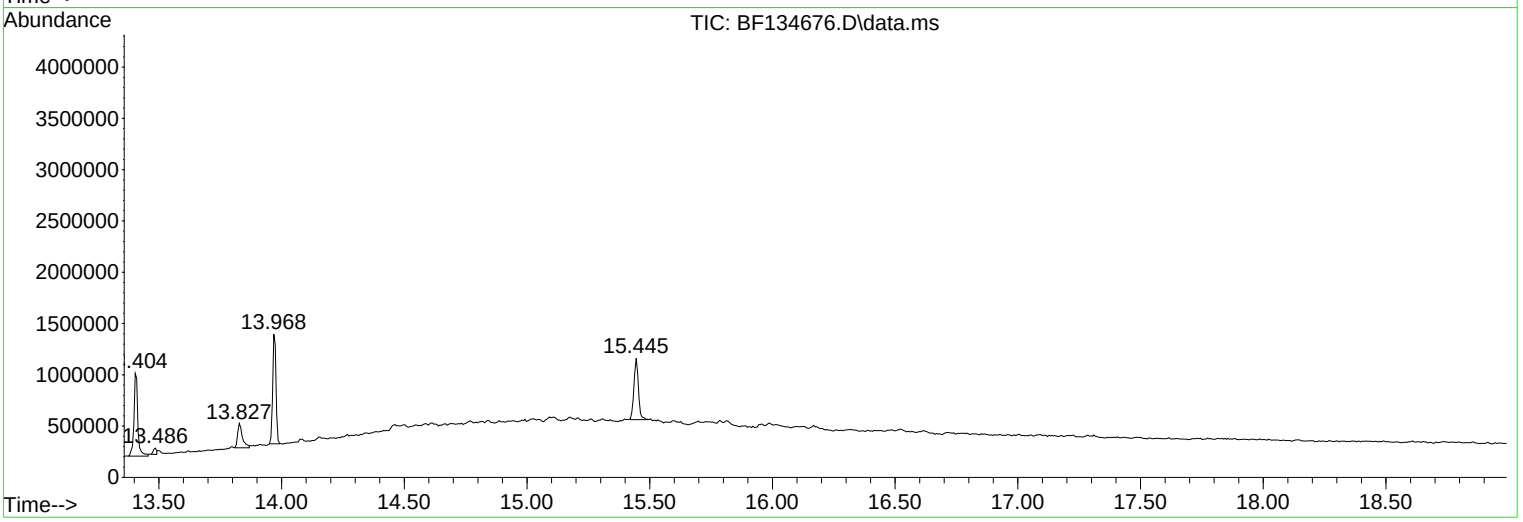
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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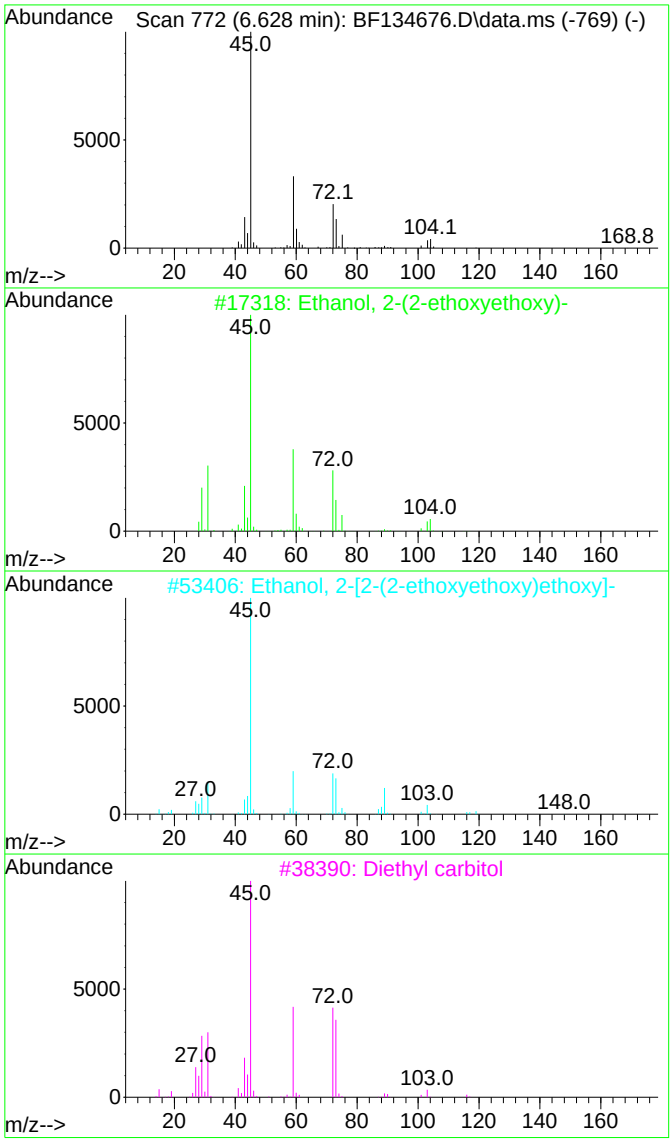
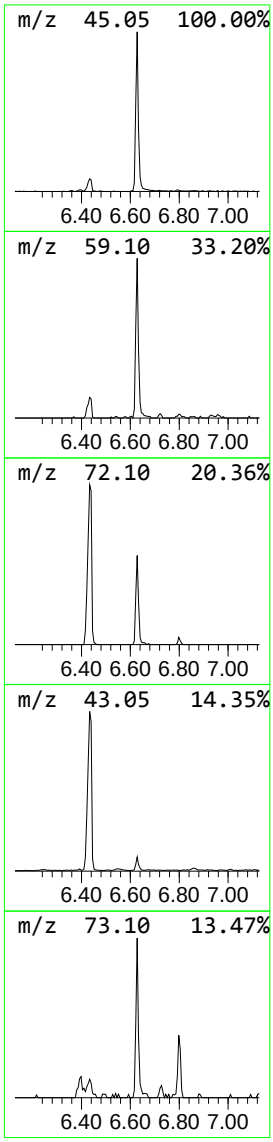
**********
Peak Number 1 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.628 | 2.10 ng | 121288 | 1,4-Dichlorobenzene-d4 | 6.798 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Ethanol, 2-(2-ethoxyethoxy)- | 134 | C6H14O3 | 000111-90-0 | 90 |
| 2 | Ethanol, 2-[2-(2-ethoxyethoxy)et... | 178 | C8H18O4 | 000112-50-5 | 72 |
| 3 | Diethyl carbitol | 162 | C8H18O3 | 000112-36-7 | 72 |
| 4 | 2-Butanol, 3-methyl-, (S)- | 88 | C5H12O | 001517-66-4 | 47 |
| 5 | 2-Butanol, 3-methyl- | 88 | C5H12O | 000598-75-4 | 47 |



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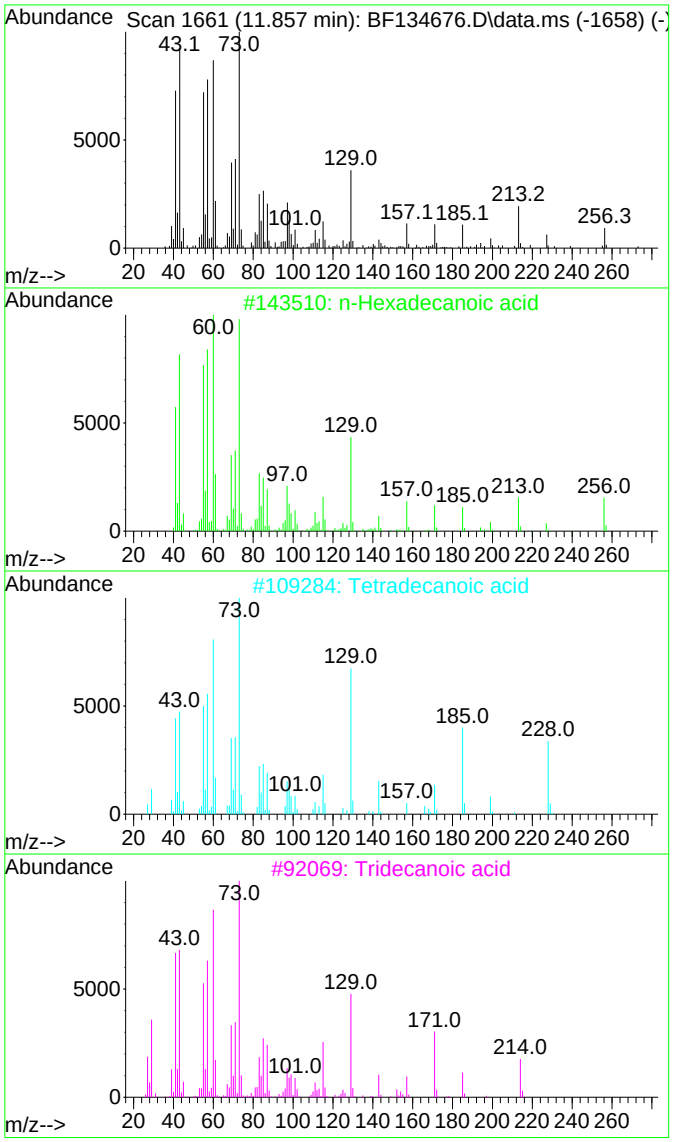
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

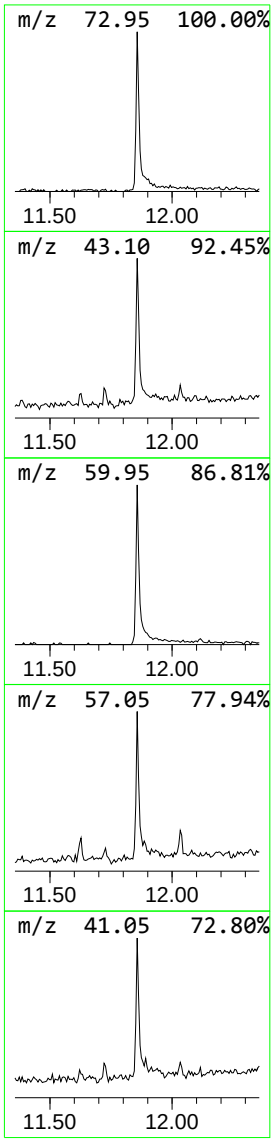
**********

Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.857 | 3.57 ng | 215610 | Phenanthrene-d10 | 11.322 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 99 |
| 2 | Tetradecanoic acid | 228 | C14H28O2 | 000544-63-8 | 91 |
| 3 | Tridecanoic acid | 214 | C13H26O2 | 000638-53-9 | 87 |
| 4 | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 87 |
| 5 | Nonanoic acid | 158 | C9H18O2 | 000112-05-0 | 43 |



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

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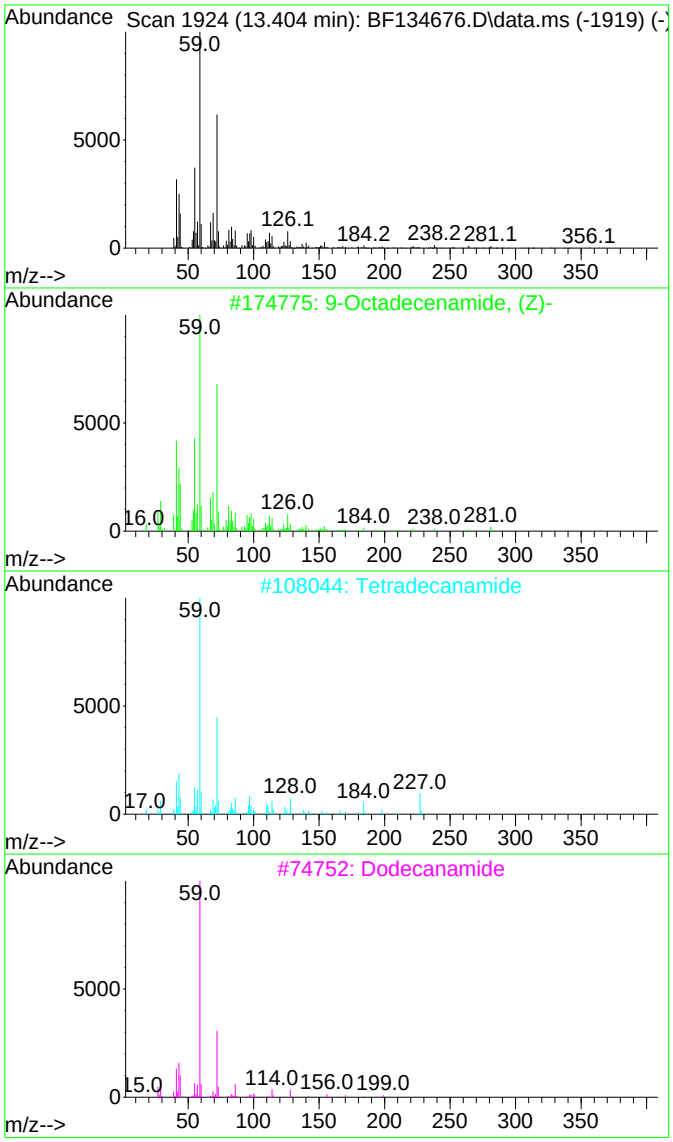
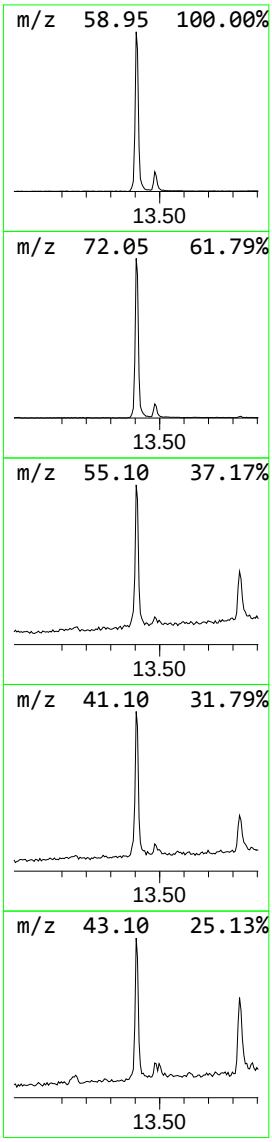
**********
Peak Number 3 9-Octadecenamide, (Z)- Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.404 | 17.63 ng | 883625 | Chrysene-d12 | 13.968 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 9-Octadecenamide, (Z)- | 281 | C18H35NO | 000301-02-0 | 99 |
| 2 | Tetradecanamide | 227 | C14H29NO | 000638-58-4 | 64 |
| 3 | Dodecanamide | 199 | C12H25NO | 001120-16-7 | 53 |
| 4 | Octanamide | 143 | C8H17NO | 000629-01-6 | 53 |
| 5 | Undecanamide, 11-bromo- | 263 | C11H22BrNO | 005875-26-3 | 53 |



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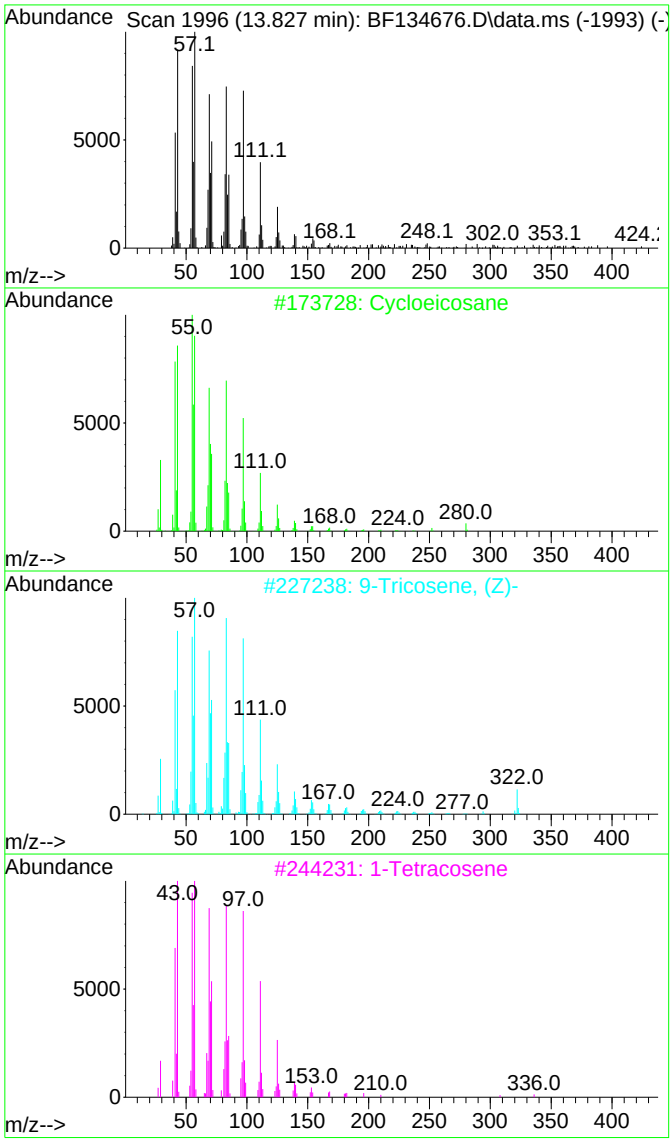
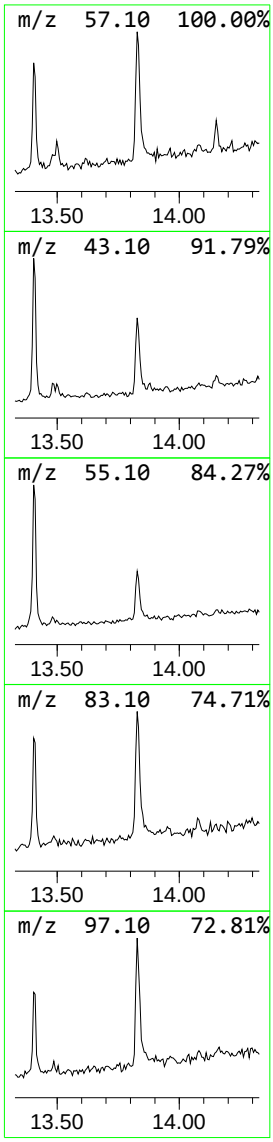
**********

Peak Number 4 Cycloeicosane Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.827 | 6.42 ng | 321979 | Chrysene-d12 | 13.968 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cycloeicosane | 280 | C20H40 | 000296-56-0 | 97 |
| 2 | 9-Tricosene, (Z)- | 322 | C23H46 | 027519-02-4 | 96 |
| 3 | 1-Tetracosene | 336 | C24H48 | 010192-32-2 | 96 |
| 4 | Heptafluorobutyric acid, hexadec... | 438 | C20H33F7O2 | 006385-15-5 | 95 |
| 5 | Pentafluoropropionic acid, hexad... | 388 | C19H33F5O2 | 006222-07-7 | 95 |



Tentatively Identified Compound (LSC) summary

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| | | | | | --Internal Standard--- | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| Ethanol, 2-(2-e... | 6.628 | 2.1 | ng | 121288 | 1 | 6.798 | 1156720 | 20.0 |
| n-Hexadecanoic ... | 11.857 | 3.6 | ng | 215610 | 4 | 11.322 | 1206550 | 20.0 |
| 9-Octadecenamid... | 13.404 | 17.6 | ng | 883625 | 5 | 13.968 | 1002590 | 20.0 |
| Cycloeicosane | 13.827 | 6.4 | ng | 321979 | 5 | 13.968 | 1002590 | 20.0 |