LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080822\
Data File : BM036158.D
Acq On : 08 Aug 2022 23:40
Operator : CG/JU
Sample : N3961-14
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
RVE-180

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_M\Methods\8270-BM080122.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM036158.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 4.946 | 310 | 316 | 321 | rBV | 210565 | 287696 | 2.93% | 0.483% |
| 2 | 5.434 | 392 | 399 | 408 | rBV | 4052073 | 5824826 | 59.37% | 9.787% |
| 3 | 7.051 | 667 | 674 | 691 | rBV | 3758385 | 5840475 | 59.53% | 9.814% |
| 4 | 7.845 | 801 | 809 | 816 | rBV | 972587 | 1530666 | 15.60% | 2.572% |
| 5 | 9.016 | 1000 | 1008 | 1023 | rBV | 2340962 | 3790289 | 38.63% | 6.369% |
| 6 | 10.645 | 1276 | 1285 | 1292 | rBV | 1240465 | 2079443 | 21.19% | 3.494% |
| 7 | 13.116 | 1697 | 1705 | 1717 | rBV | 5515865 | 8019676 | 81.74% | 13.475% |
| 8 | 14.210 | 1885 | 1891 | 1898 | rVB2 | 60952 | 103737 | 1.06% | 0.174% |
| 9 | 14.486 | 1931 | 1938 | 1944 | rBV | 1766299 | 2502389 | 25.51% | 4.205% |
| 10 | 15.974 | 2185 | 2191 | 2198 | rBV | 4157033 | 5847554 | 59.60% | 9.826% |
| 11 | 17.227 | 2396 | 2404 | 2408 | rBV | 2051796 | 2780304 | 28.34% | 4.672% |
| 12 | 17.268 | 2408 | 2411 | 2416 | rVB | 217957 | 282931 | 2.88% | 0.475% |
| 13 | 17.362 | 2423 | 2427 | 2431 | rVB | 75409 | 103879 | 1.06% | 0.175% |
| 14 | 18.127 | 2550 | 2557 | 2566 | rBV2 | 378615 | 695423 | 7.09% | 1.169% |
| 15 | 18.292 | 2581 | 2585 | 2590 | rBV3 | 62753 | 111793 | 1.14% | 0.188% |
| 16 | 19.021 | 2705 | 2709 | 2712 | rBV2 | 69219 | 114251 | 1.16% | 0.192% |
| 17 | 19.286 | 2749 | 2754 | 2760 | rBV | 438309 | 583411 | 5.95% | 0.980% |
| 18 | 19.645 | 2811 | 2815 | 2825 | rVB | 513557 | 802927 | 8.18% | 1.349% |
| 19 | 19.851 | 2845 | 2850 | 2860 | rVB | 7948350 | 9811034 | 100.00% | 16.485% |
| 20 | 21.121 | 3060 | 3066 | 3072 | rBV3 | 811681 | 1388263 | 14.15% | 2.333% |
| 21 | 21.403 | 3109 | 3114 | 3118 | rBV | 2459050 | 3393262 | 34.59% | 5.702% |
| 22 | 23.039 | 3389 | 3392 | 3398 | rBV2 | 432931 | 669587 | 6.82% | 1.125% |
| 23 | 23.762 | 3509 | 3515 | 3522 | rVB2 | 1550810 | 2950156 | 30.07% | 4.957% |

Sum of corrected areas: 59513972

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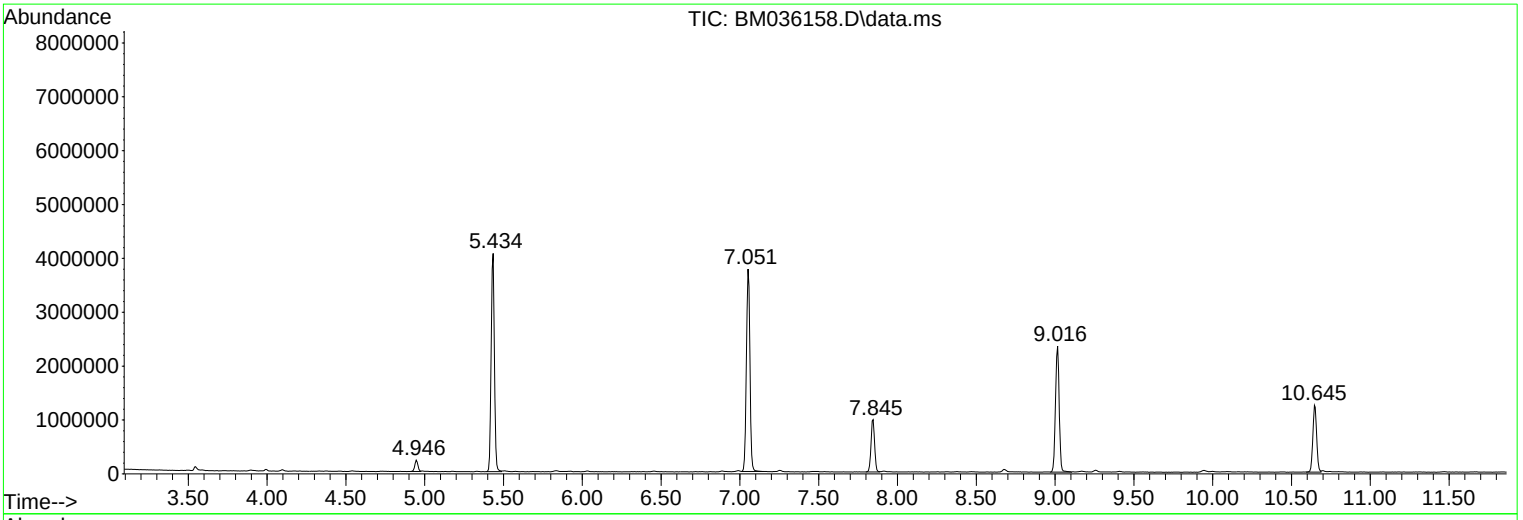
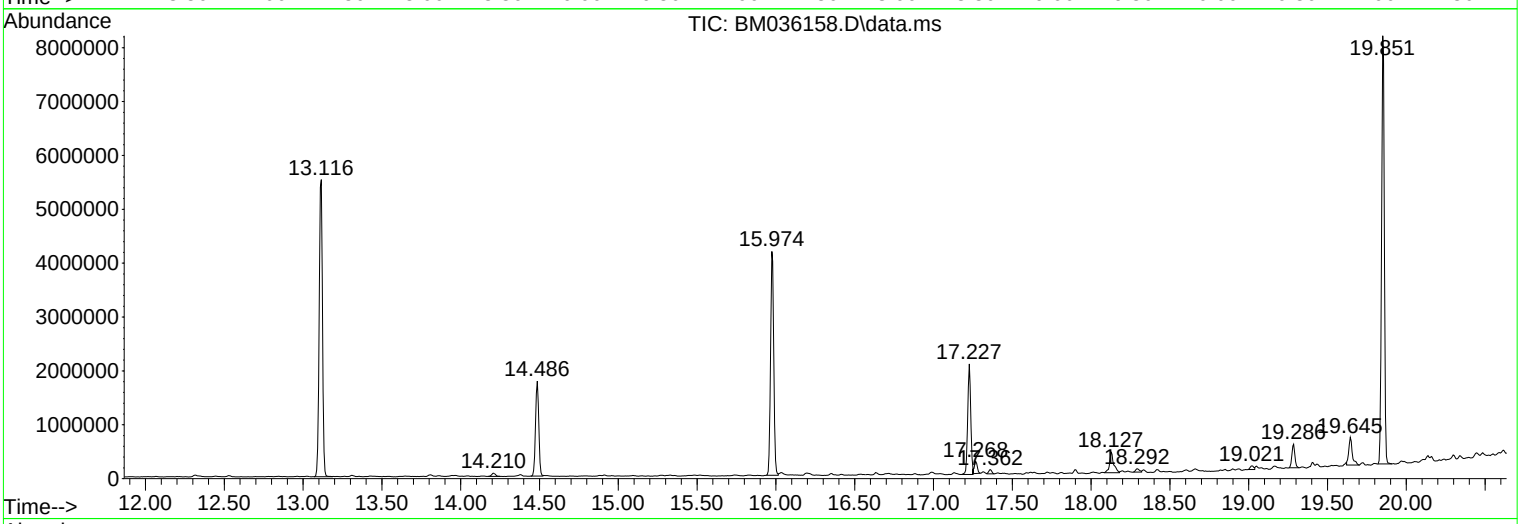
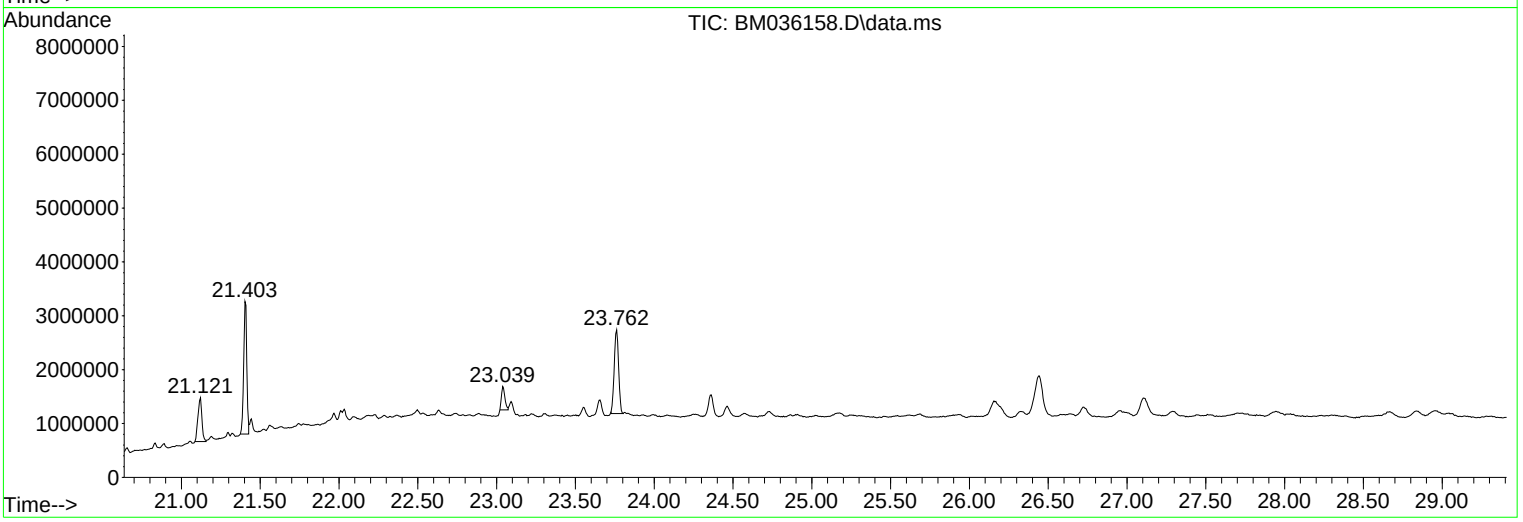
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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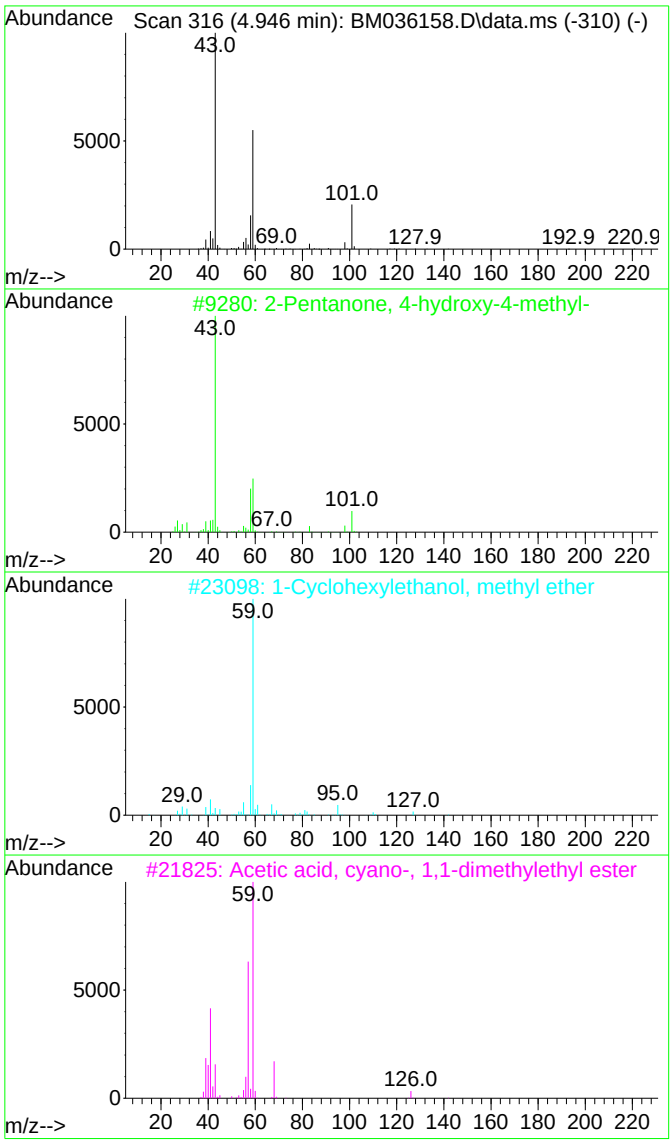
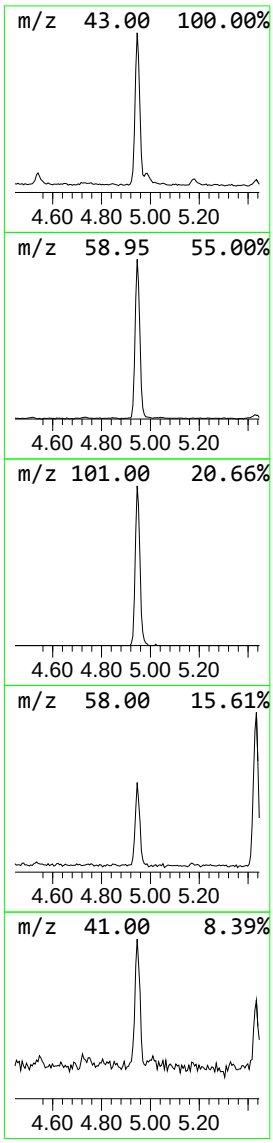
**********
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 4.946 | 3.76 ng | 287696 | 1,4-Dichlorobenzene-d4 | 7.845 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2 | 000123-42-2 | 72 |
| 2 | 1-Cyclohexylethanol, methyl ether | 142 | C9H18O | 1000365-12-8 | 25 |
| 3 | Acetic acid, cyano-, 1,1-dimethy... | 141 | C7H11NO2 | 001116-98-9 | 17 |
| 4 | 4-Pentene-2-ol, 2-methyl | 100 | C6H12O | 000624-97-5 | 17 |
| 5 | Acetone | 58 | C3H6O | 000067-64-1 | 9 |



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**Instrument :**
BNA_M
**ClientSampleId :**
RVE-180

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

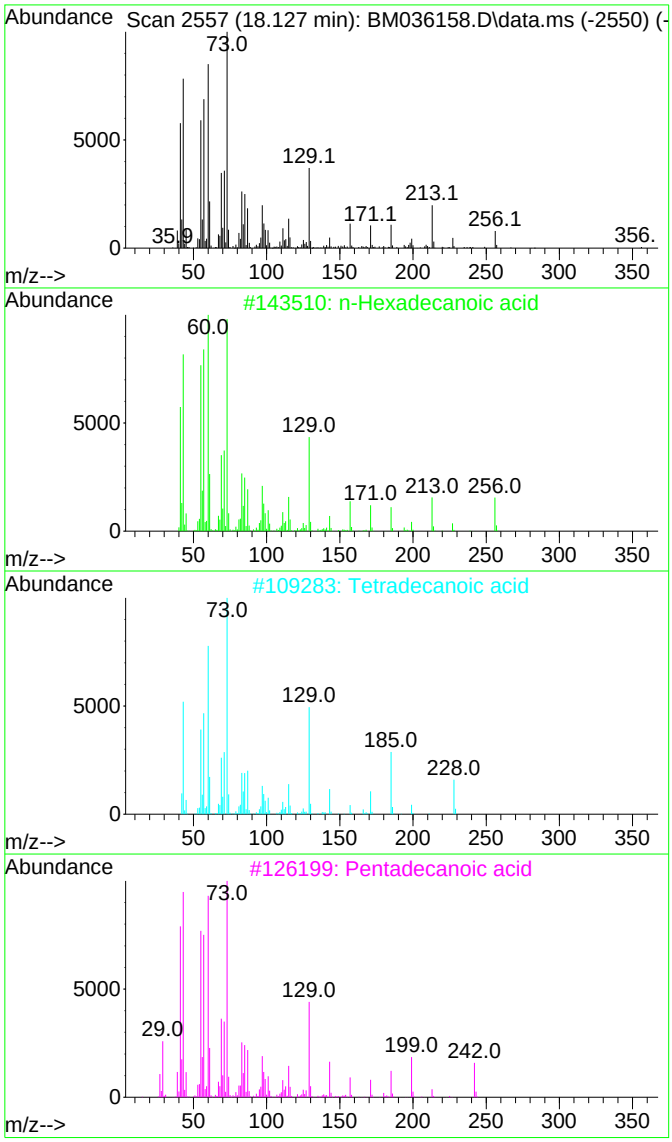
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

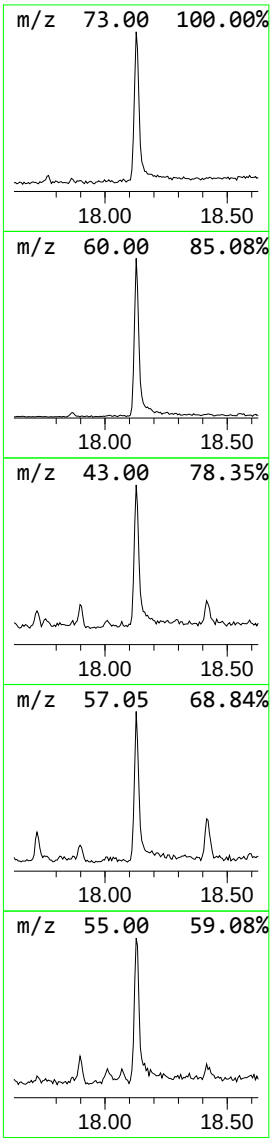
**********

Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.127 | 5.00 ng | 695423 | Phenanthrene-d10 | 17.227 |

| 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 | 90 |
| 3 | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 87 |
| 4 | Tridecanoic acid | 214 | C13H26O2 | 000638-53-9 | 76 |
| 5 | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 74 |



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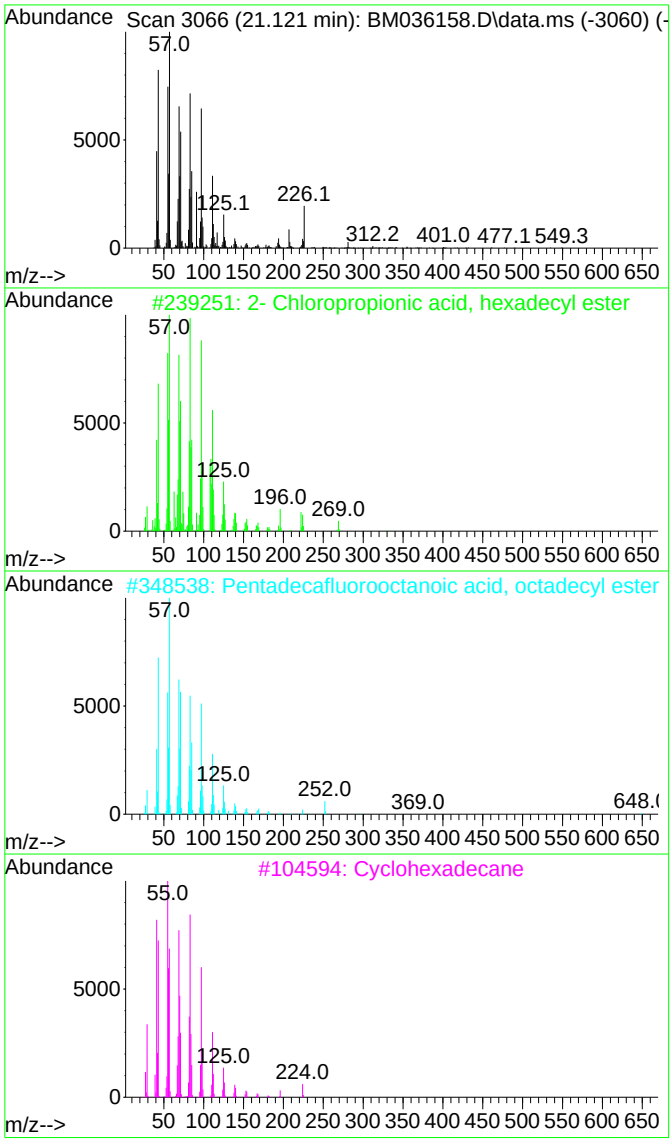
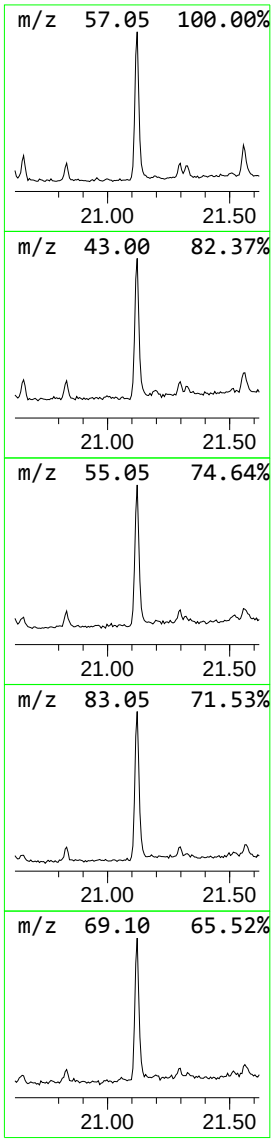
**********
Peak Number 3 2- Chloropropionic acid, he... Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.121 | 8.18 ng | 1388260 | Chrysene-d12 | 21.403 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2- Chloropropionic acid, hexadec... | 332 | C19H37ClO2 | 086711-81-1 | 94 |
| 2 | Pentadecafluorooctanoic acid, oc... | 666 | C26H37F15O2 | 1000406-04-8 | 93 |
| 3 | Cyclohexadecane | 224 | C16H32 | 000295-65-8 | 93 |
| 4 | 9-Tricosene, (Z)- | 322 | C23H46 | 027519-02-4 | 89 |
| 5 | Cyclotetracosane | 336 | C24H48 | 000297-03-0 | 87 |



Tentatively Identified Compound (LSC) summary

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| | | | | | --Internal Standard--- | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| 2-Pentanone, 4-... | 4.946 | 3.8 | ng | 287696 | 1 | 7.845 | 1530670 | 20.0 |
| n-Hexadecanoic ... | 18.127 | 5.0 | ng | 695423 | 4 | 17.227 | 2780300 | 20.0 |
| 2- Chloropropio... | 21.121 | 8.2 | ng | 1388260 | 5 | 21.403 | 3393260 | 20.0 |