LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120522\
Data File : BG055891.D
Acq On : 5 Dec 2022 19:11
Operator : CG/JU
Sample : N5870-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
ML-5

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_G\Methods\8270-BG111622.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG055891.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.216 | 322 | 328 | 339 | rBV | 184654 | 279454 | 15.27% | 3.120% |
| 2 | 5.703 | 404 | 411 | 422 | rBV | 416188 | 668179 | 36.51% | 7.460% |
| 3 | 7.325 | 680 | 687 | 704 | rBV | 415302 | 715152 | 39.08% | 7.985% |
| 4 | 8.171 | 823 | 831 | 839 | rVB | 97364 | 161886 | 8.85% | 1.807% |
| 5 | 9.346 | 1023 | 1031 | 1041 | rBV | 250106 | 438453 | 23.96% | 4.895% |
| 6 | 10.997 | 1304 | 1312 | 1324 | rBV | 133357 | 237190 | 12.96% | 2.648% |
| 7 | 13.424 | 1718 | 1725 | 1735 | rBV | 683835 | 1016837 | 55.56% | 11.353% |
| 8 | 14.804 | 1953 | 1960 | 1967 | rVB | 232816 | 373450 | 20.41% | 4.170% |
| 9 | 16.285 | 2206 | 2212 | 2229 | rBV | 625030 | 981973 | 53.65% | 10.964% |
| 10 | 17.542 | 2420 | 2426 | 2437 | rVB | 364061 | 536048 | 29.29% | 5.985% |
| 11 | 18.406 | 2568 | 2573 | 2581 | rBV | 42792 | 77524 | 4.24% | 0.866% |
| 12 | 19.663 | 2783 | 2787 | 2792 | rBV5 | 11256 | 21197 | 1.16% | 0.237% |
| 13 | 20.134 | 2861 | 2867 | 2874 | rBV | 1392147 | 1830166 | 100.00% | 20.434% |
| 14 | 20.410 | 2909 | 2914 | 2920 | rBV2 | 16115 | 22235 | 1.21% | 0.248% |
| 15 | 20.903 | 2994 | 2998 | 3002 | rBV | 25624 | 30566 | 1.67% | 0.341% |
| 16 | 21.426 | 3082 | 3087 | 3105 | rBV3 | 70213 | 195902 | 10.70% | 2.187% |
| 17 | 21.826 | 3148 | 3155 | 3163 | rBV2 | 351057 | 595292 | 32.53% | 6.647% |
| 18 | 21.978 | 3177 | 3181 | 3186 | rVB | 23396 | 35512 | 1.94% | 0.396% |
| 19 | 22.601 | 3283 | 3287 | 3293 | rVB2 | 19086 | 29510 | 1.61% | 0.329% |
| 20 | 23.318 | 3405 | 3409 | 3419 | rVB2 | 17077 | 32612 | 1.78% | 0.364% |
| 21 | 24.146 | 3545 | 3550 | 3556 | rBV5 | 16268 | 36193 | 1.98% | 0.404% |
| 22 | 25.175 | 3714 | 3725 | 3737 | rVB2 | 203571 | 641062 | 35.03% | 7.158% |

Sum of corrected areas: 8956393

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**ClientSampleId :**
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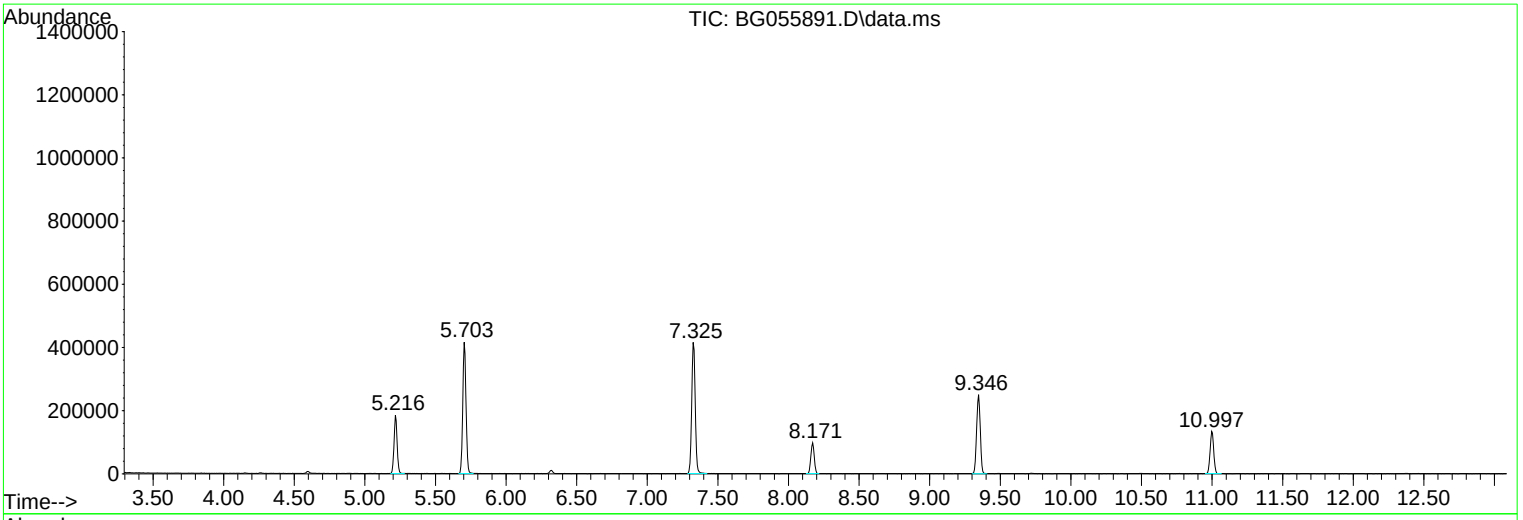
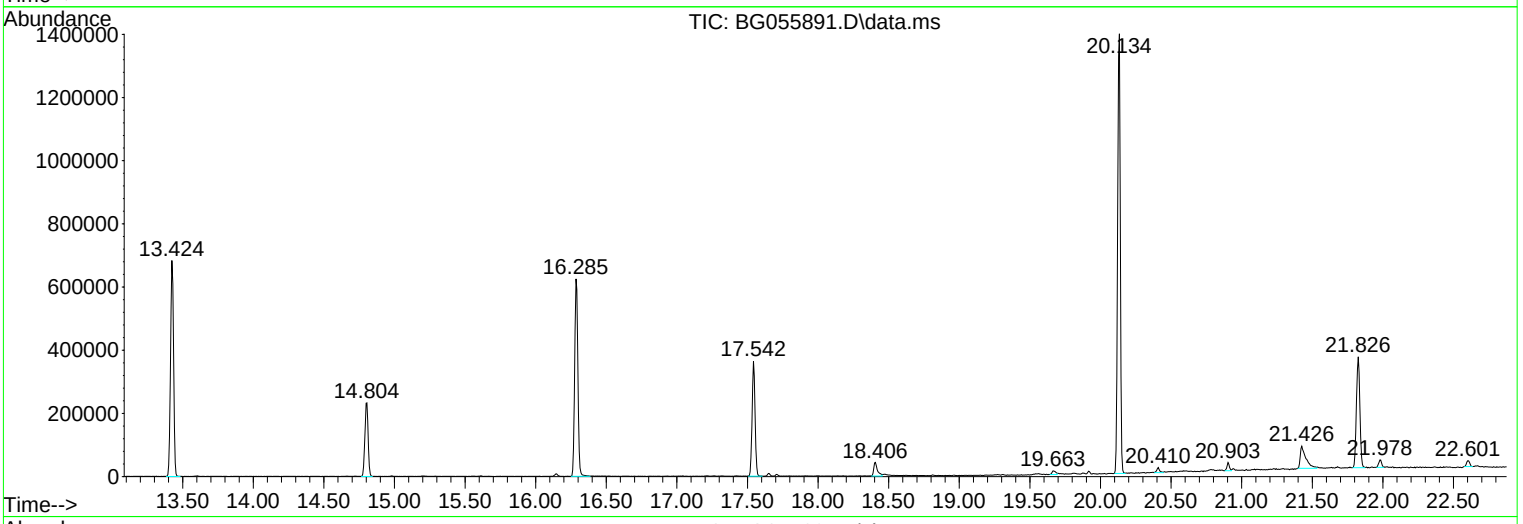
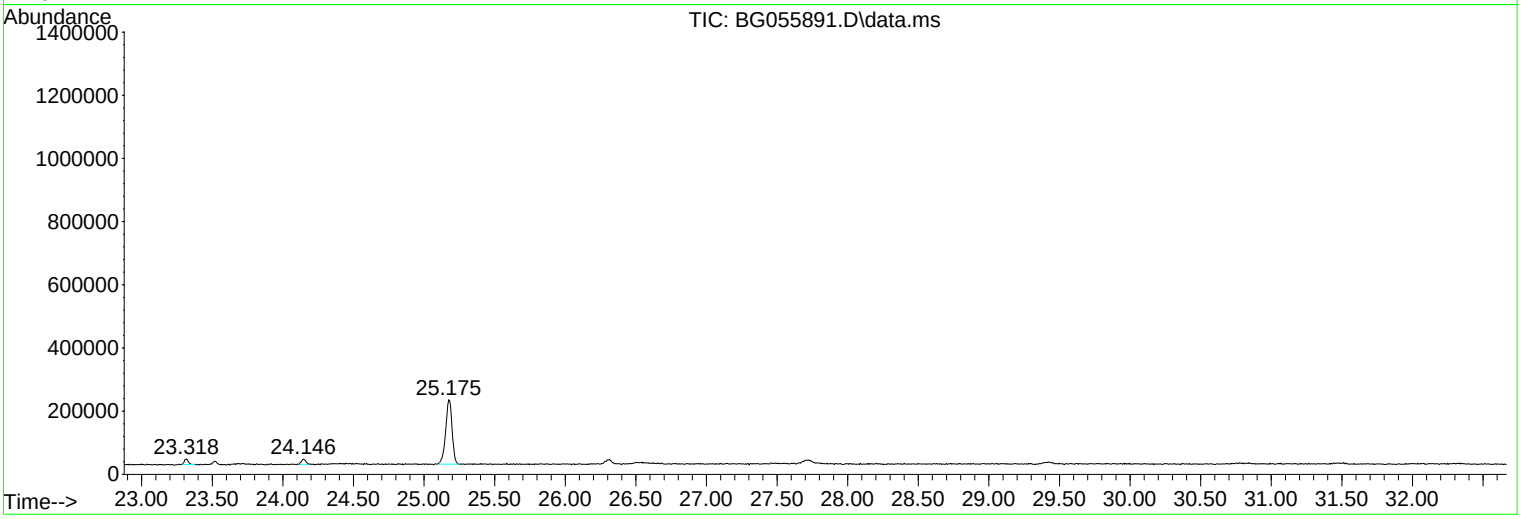
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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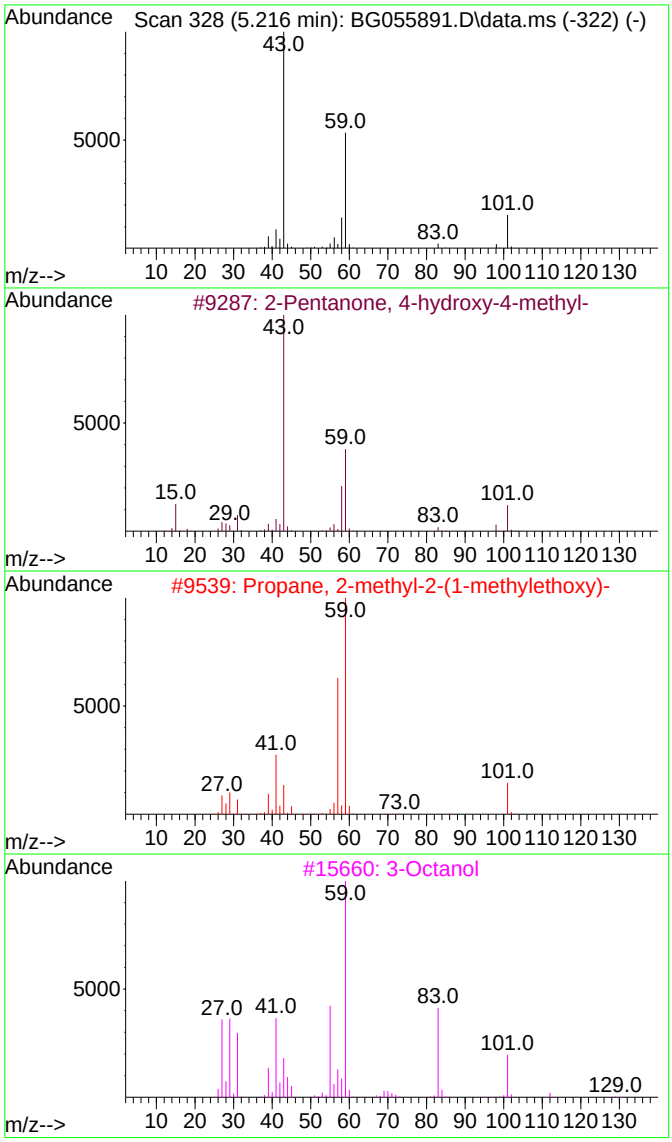
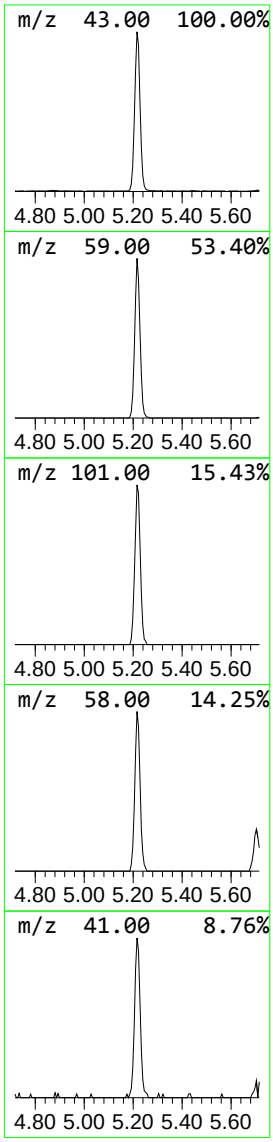
**********
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.216 | 34.52 ng | 279454 | 1,4-Dichlorobenzene-d4 | 8.171 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2 | 000123-42-2 | 64 |
| 2 | Propane, 2-methyl-2-(1-methyleth... | 116 | C7H16O | 017348-59-3 | 42 |
| 3 | 3-Octanol | 130 | C8H18O | 000589-98-0 | 33 |
| 4 | 3-Hexanol, 4-methyl- | 116 | C7H16O | 000615-29-2 | 33 |
| 5 | 2-Hexanol, 2-methyl- | 116 | C7H16O | 000625-23-0 | 28 |



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**Instrument :**
BNA_G
**ClientSampleId :**
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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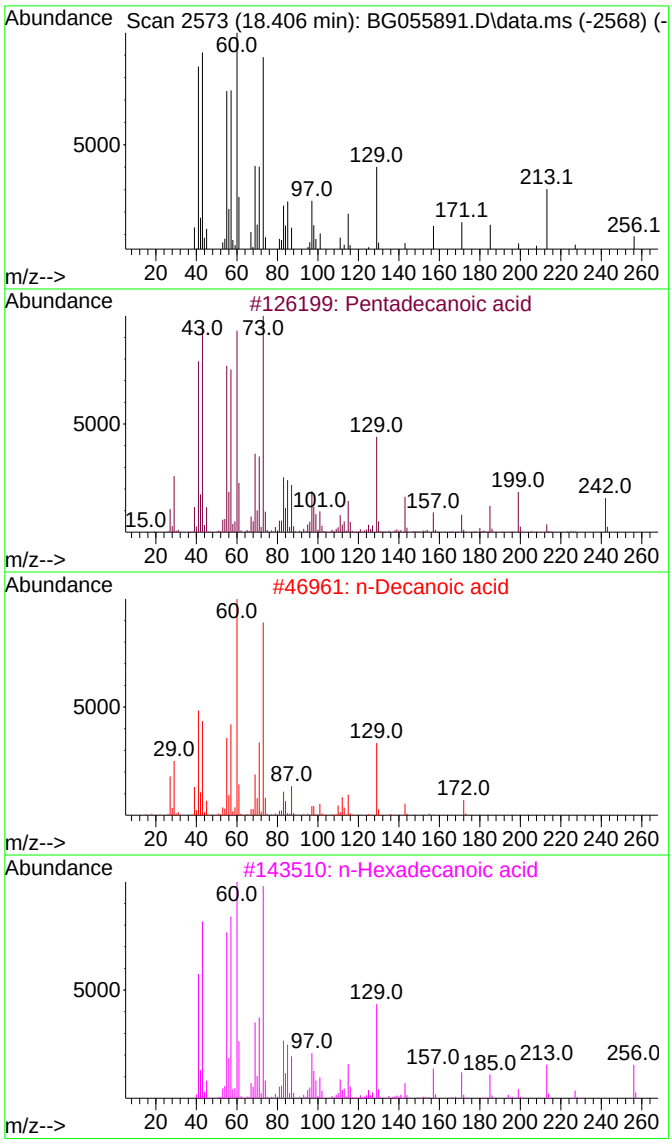
TIC Integration Parameters: LSCINT.P

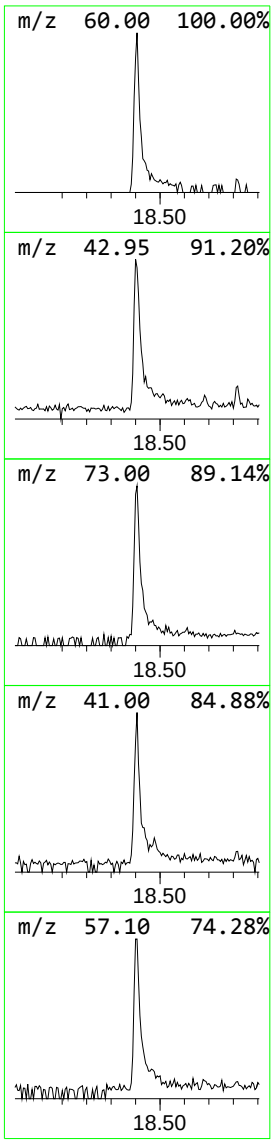
**********

Peak Number 2 Pentadecanoic acid Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.406 | 2.89 ng | 77524 | Phenanthrene-d10 | 17.542 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 74 |
| 2 | n-Decanoic acid | 172 | C10H20O2 | 000334-48-5 | 53 |
| 3 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 45 |
| 4 | Tetradecanoic acid | 228 | C14H28O2 | 000544-63-8 | 43 |
| 5 | Oxalic acid, allyl hexadecyl ester | 354 | C21H38O4 | 1000309-24-4 | 20 |



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**Instrument :**
BNA_G
**ClientSampleId :**
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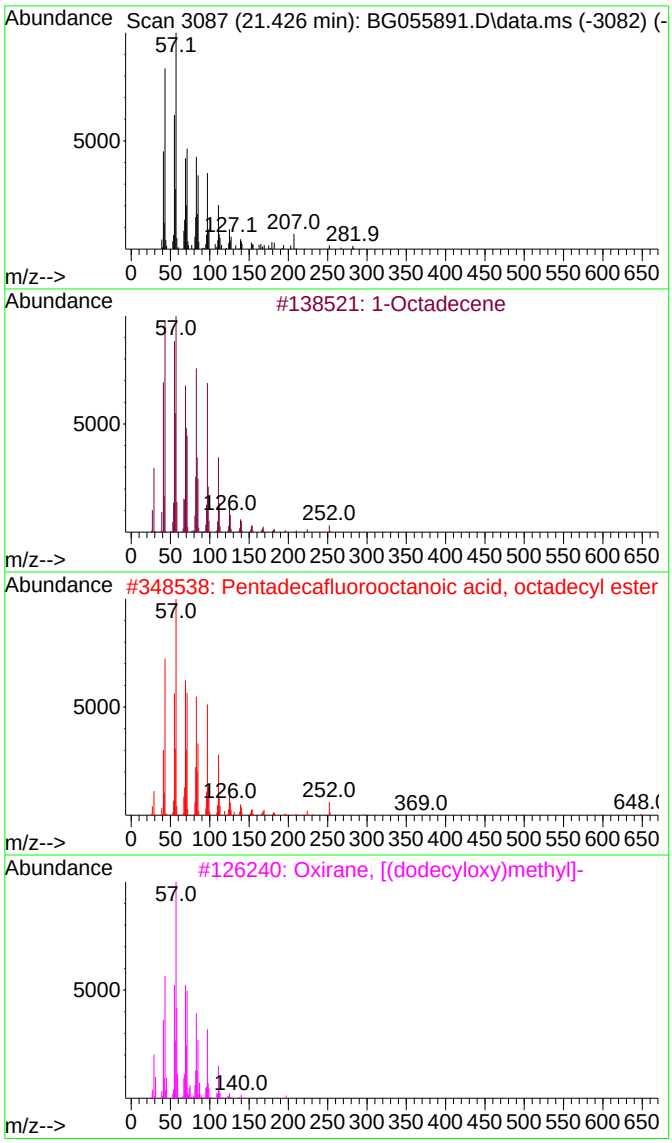
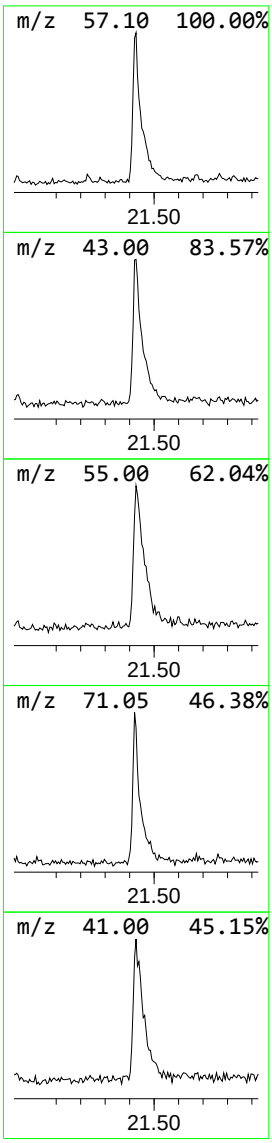
**********

Peak Number 3 1-Octadecene Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.426 | 6.58 ng | 195902 | Chrysene-d12 | 21.826 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Octadecene | 252 | C18H36 | 000112-88-9 | 96 |
| 2 | Pentadecafluorooctanoic acid, oc... | 666 | C26H37F15O2 | 1000406-04-8 | 94 |
| 3 | Oxirane, [(dodecyloxy)methyl]- | 242 | C15H30O2 | 002461-18-9 | 91 |
| 4 | Ethanol, 2-(tetradecyloxy)- | 258 | C16H34O2 | 002136-70-1 | 91 |
| 5 | Oxalic acid, isobutyl tetradecyl... | 342 | C20H38O4 | 1000309-37-9 | 91 |



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 |
| 2-Pentanone, 4-... | 5.216 | 34.5 | ng | 279454 | 1 | 8.171 | 161886 | 20.0 |
| Pentadecanoic acid | 18.406 | 2.9 | ng | 77524 | 4 | 17.542 | 536048 | 20.0 |
| 1-Octadecene | 21.426 | 6.6 | ng | 195902 | 5 | 21.826 | 595292 | 20.0 |