LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083023\
Data File : BF135019.D
Acq On : 30 Aug 2023 23:11
Operator : CG\JU
Sample : 04170-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
WC-SCAS-01

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-BF083023.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF135019.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.004 | 492 | 496 | 502 | rVB | 22823 | 31122 | 1.11% | 0.164% |
| 2 | 5.404 | 559 | 564 | 567 | rBV | 2618700 | 2455053 | 87.27% | 12.945% |
| 3 | 6.410 | 730 | 735 | 738 | rBV | 2515118 | 2470961 | 87.83% | 13.029% |
| 4 | 6.769 | 793 | 796 | 800 | rBV | 1047378 | 839566 | 29.84% | 4.427% |
| 5 | 7.333 | 887 | 892 | 895 | rBV | 1776002 | 1596127 | 56.74% | 8.416% |
| 6 | 8.051 | 1009 | 1014 | 1017 | rBV | 1297718 | 1153507 | 41.00% | 6.082% |
| 7 | 9.133 | 1192 | 1198 | 1201 | rBV | 2957157 | 2813258 | 100.00% | 14.834% |
| 8 | 9.251 | 1214 | 1218 | 1222 | rVB | 30568 | 29775 | 1.06% | 0.157% |
| 9 | 9.810 | 1308 | 1313 | 1316 | rBV | 1373580 | 1188210 | 42.24% | 6.265% |
| 10 | 10.598 | 1443 | 1447 | 1451 | rBV | 1767938 | 1538863 | 54.70% | 8.114% |
| 11 | 10.722 | 1465 | 1468 | 1476 | rVB | 33840 | 35269 | 1.25% | 0.186% |
| 12 | 11.174 | 1541 | 1545 | 1547 | rBV2 | 34395 | 30611 | 1.09% | 0.161% |
| 13 | 11.298 | 1562 | 1566 | 1569 | rBV | 1194648 | 1048838 | 37.28% | 5.531% |
| 14 | 11.839 | 1653 | 1658 | 1666 | rBV | 221856 | 256675 | 9.12% | 1.353% |
| 15 | 12.627 | 1788 | 1792 | 1800 | rBV2 | 71884 | 103466 | 3.68% | 0.546% |
| 16 | 12.898 | 1834 | 1838 | 1841 | rBV | 2132378 | 1833572 | 65.18% | 9.668% |
| 17 | 13.810 | 1990 | 1993 | 2002 | rBV2 | 117741 | 165430 | 5.88% | 0.872% |
| 18 | 13.957 | 2014 | 2018 | 2021 | rBV | 698344 | 640852 | 22.78% | 3.379% |
| 19 | 15.427 | 2263 | 2268 | 2272 | rBV | 570604 | 733389 | 26.07% | 3.867% |

Sum of corrected areas: 18964544

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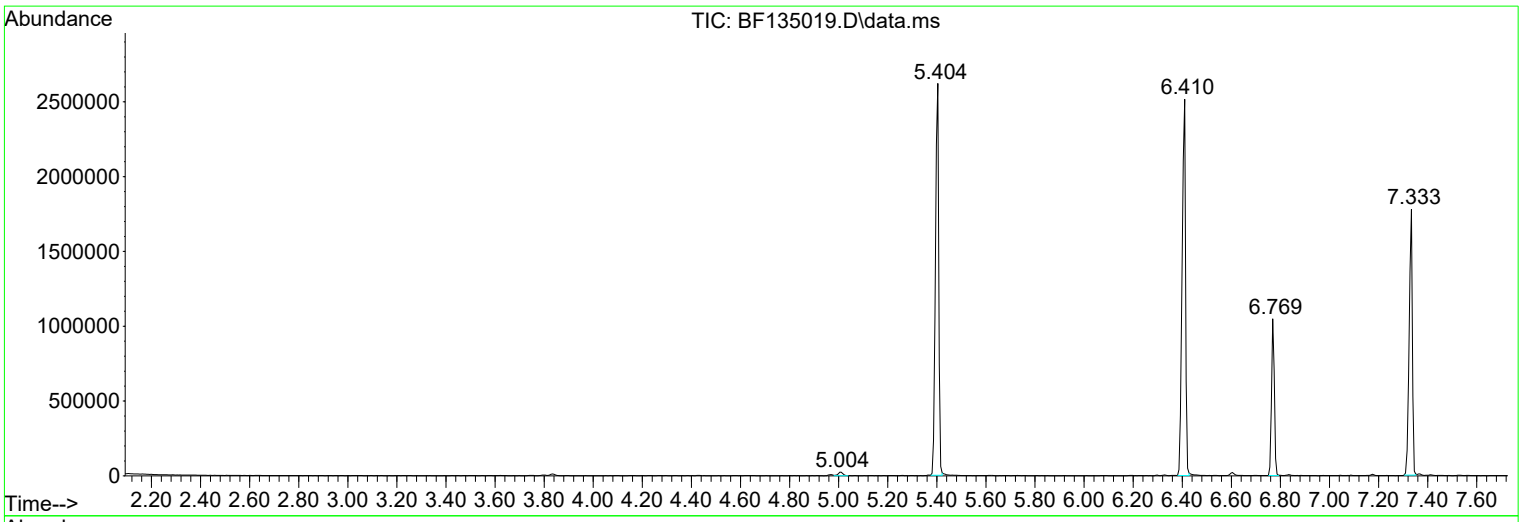
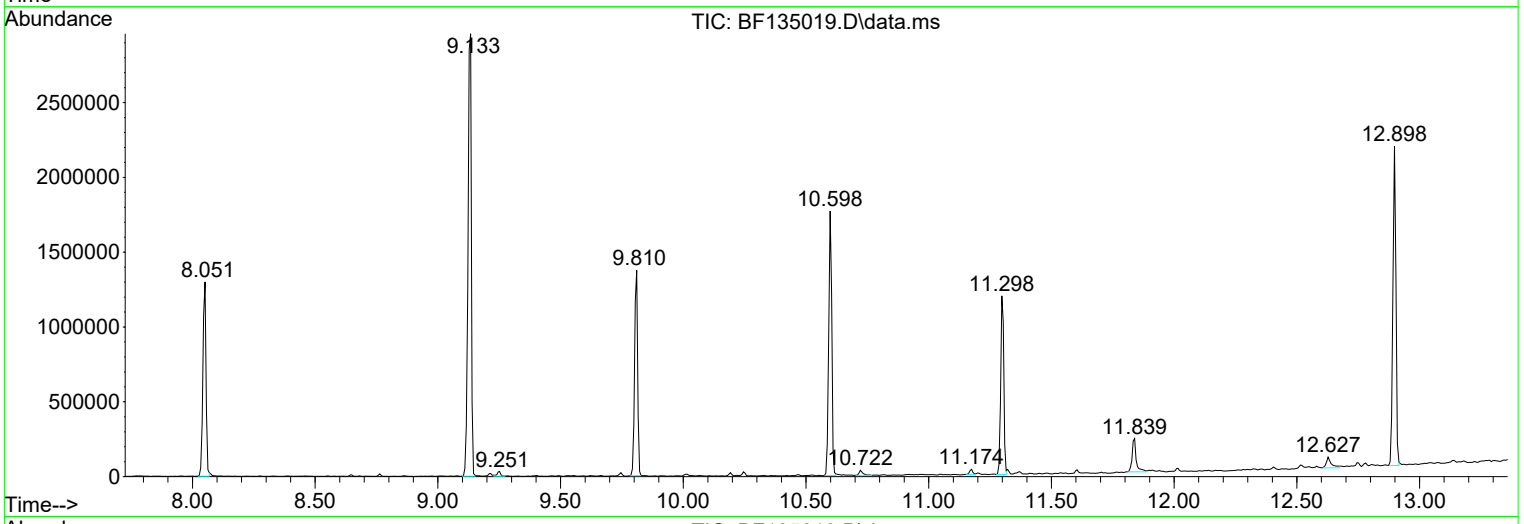
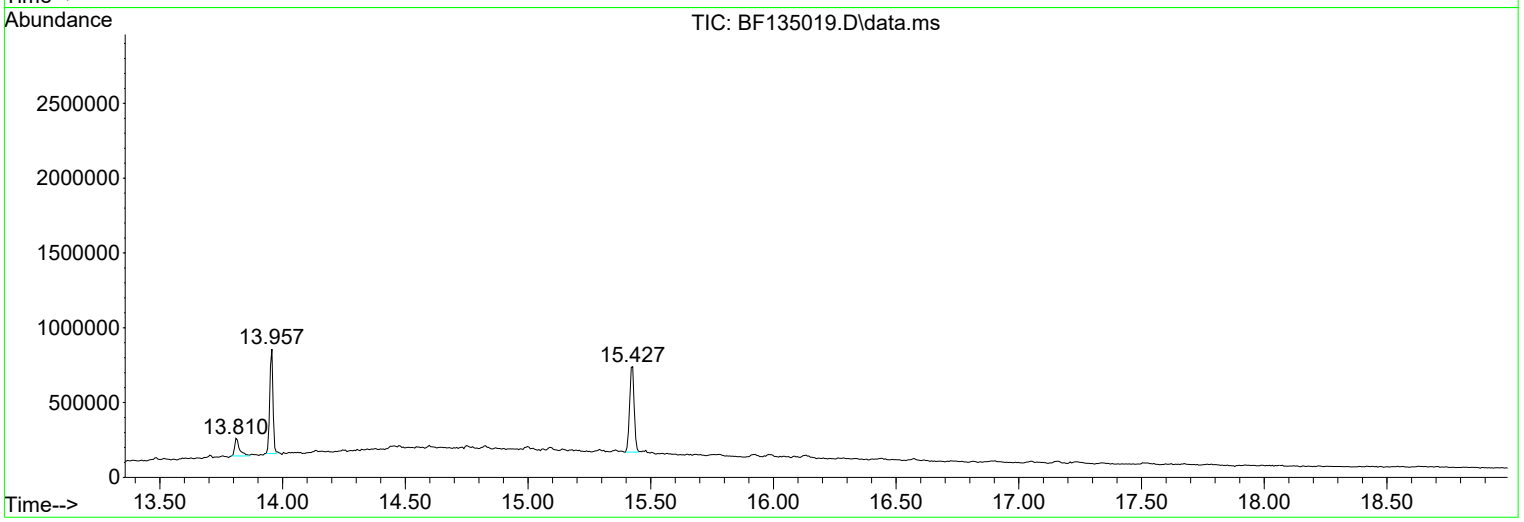
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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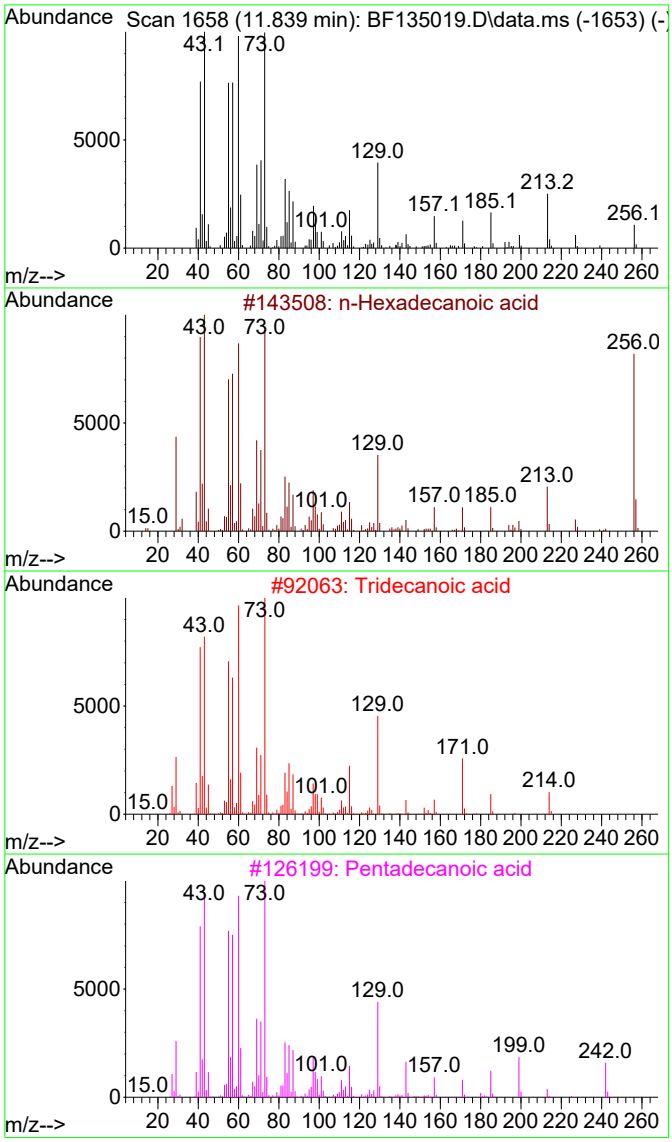
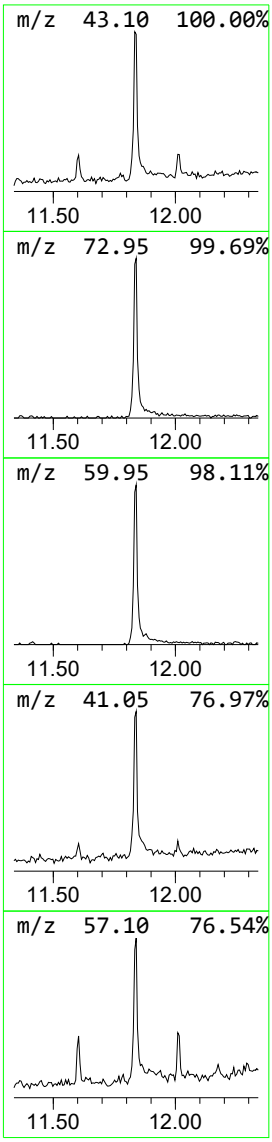
Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.839 | 4.89 ng | 256675 | Phenanthrene-d10 | 11.298 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 98 |
| 2 | Tridecanoic acid | 214 | C13H26O2 | 000638-53-9 | 93 |
| 3 | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 90 |
| 4 | Tetradecanoic acid | 228 | C14H28O2 | 000544-63-8 | 87 |
| 5 | n-Decanoic acid | 172 | C10H20O2 | 000334-48-5 | 76 |



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

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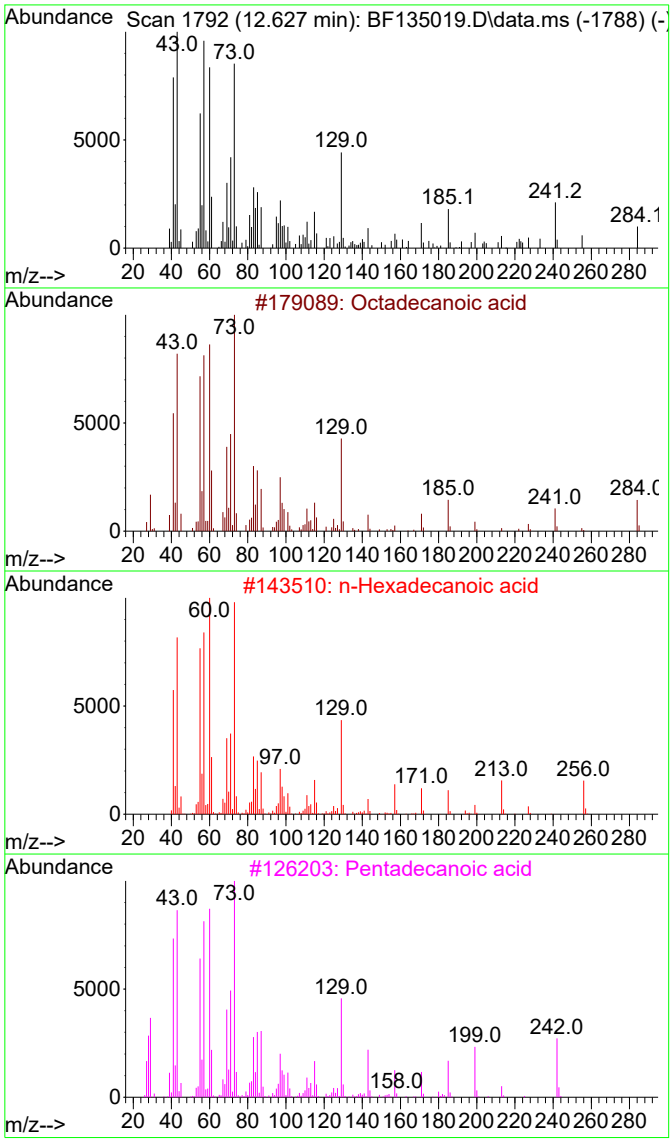
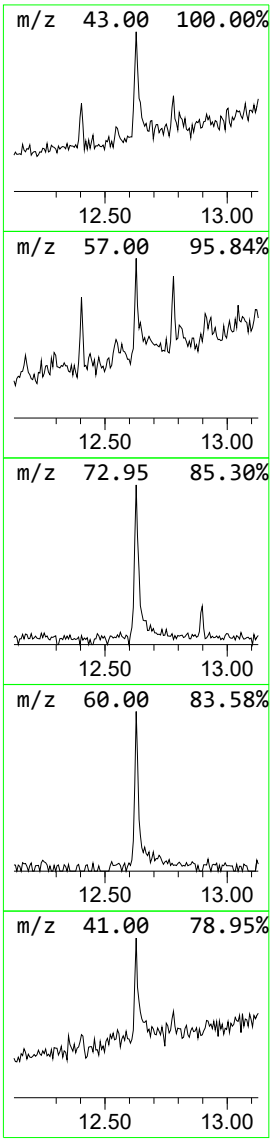
Peak Number 2 Octadecanoic acid Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.627 | 3.23 ng | 103466 | Chrysene-d12 | 13.957 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 98 |
| 2 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 87 |
| 3 | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 87 |
| 4 | Tetradecanoic acid | 228 | C14H28O2 | 000544-63-8 | 72 |
| 5 | n-Decanoic acid | 172 | C10H20O2 | 000334-48-5 | 70 |



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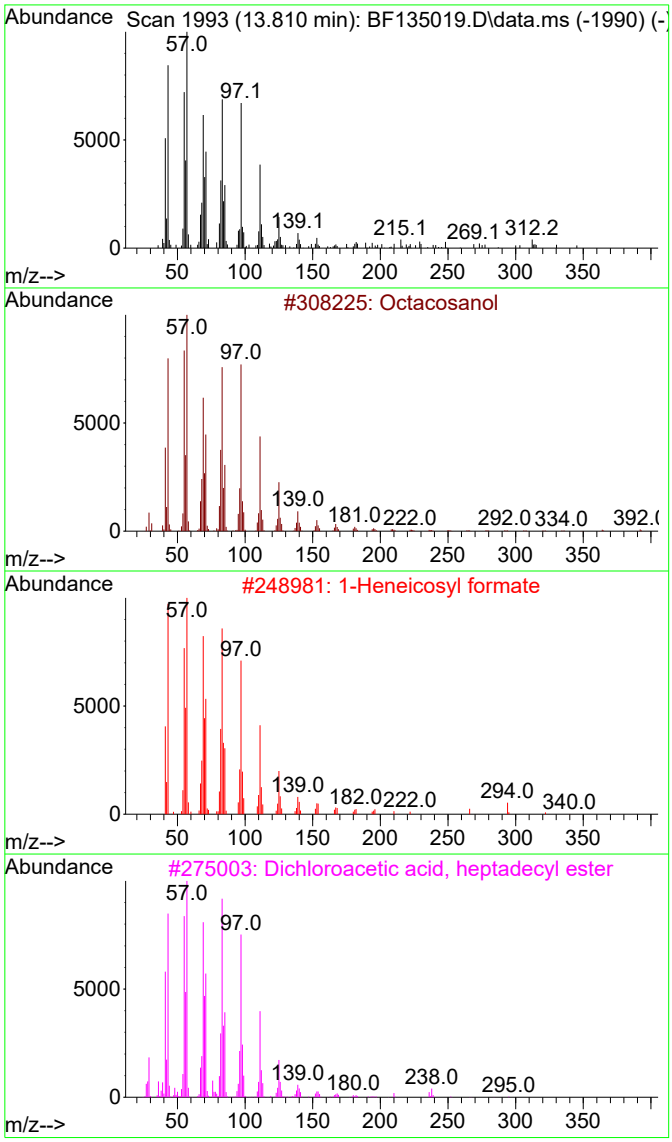
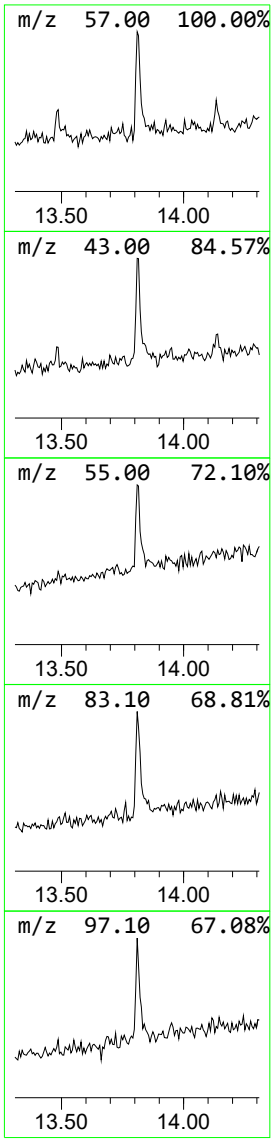
Peak Number 3 Octacosanol Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.810 | 5.16 ng | 165430 | Chrysene-d12 | 13.957 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Octacosanol | 410 | C28H58O | 000557-61-9 | 91 |
| 2 | 1-Heneicosyl formate | 340 | C22H44O2 | 077899-03-7 | 91 |
| 3 | Dichloroacetic acid, heptadecyl ... | 366 | C19H36Cl2O2 | 1000282-98-2 | 91 |
| 4 | Heptadecyl heptafluorobutyrate | 452 | C21H35F7O2 | 959085-66-6 | 91 |
| 5 | n-Tetracosanol-1 | 354 | C24H50O | 000506-51-4 | 91 |



Tentatively Identified Compound (LSC) summary

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| | | | | | Internal Standard | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| n-Hexadecanoic ... | 11.839 | 4.9 | ng | 256675 | 4 | 11.298 | 1048840 | 20.0 |
| Octadecanoic acid | 12.627 | 3.2 | ng | 103466 | 5 | 13.957 | 640852 | 20.0 |
| Octacosanol | 13.810 | 5.2 | ng | 165430 | 5 | 13.957 | 640852 | 20.0 |