LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060222\
Data File : BM035381.D
Acq On : 03 Jun 2022 02:36
Operator : CG/JU
Sample : N2986-14
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
P027-SS003-0006-01

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_M\Methods\8270-BM060222.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM035381.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.434 | 393 | 399 | 417 | rBV | 1997099 | 2982239 | 34.60% | 7.449% |
| 2 | 7.034 | 660 | 671 | 686 | rBV | 1844266 | 3130966 | 36.33% | 7.820% |
| 3 | 7.845 | 803 | 809 | 818 | rBV | 552143 | 898399 | 10.42% | 2.244% |
| 4 | 9.010 | 999 | 1007 | 1024 | rBV | 1210371 | 2045017 | 23.73% | 5.108% |
| 5 | 10.645 | 1277 | 1285 | 1298 | rBV | 691346 | 1218685 | 14.14% | 3.044% |
| 6 | 13.110 | 1697 | 1704 | 1720 | rBV | 3609335 | 5382374 | 62.45% | 13.444% |
| 7 | 14.486 | 1931 | 1938 | 1950 | rBV | 1087992 | 1686055 | 19.56% | 4.211% |
| 8 | 15.980 | 2185 | 2192 | 2209 | rBV | 2768080 | 4096189 | 47.53% | 10.231% |
| 9 | 17.233 | 2399 | 2405 | 2417 | rBV | 1426723 | 2055520 | 23.85% | 5.134% |
| 10 | 18.139 | 2554 | 2559 | 2581 | rBV | 562159 | 908327 | 10.54% | 2.269% |
| 11 | 19.298 | 2753 | 2756 | 2767 | rVB2 | 65787 | 102967 | 1.19% | 0.257% |
| 12 | 19.415 | 2772 | 2776 | 2791 | rBV | 535405 | 823537 | 9.55% | 2.057% |
| 13 | 19.856 | 2846 | 2851 | 2860 | rBV | 6941163 | 8618973 | 100.00% | 21.528% |
| 14 | 21.133 | 3064 | 3068 | 3075 | rBV | 509907 | 638073 | 7.40% | 1.594% |
| 15 | 21.415 | 3111 | 3116 | 3127 | rBV | 2057471 | 2733357 | 31.71% | 6.827% |
| 16 | 23.774 | 3511 | 3517 | 3526 | rVB2 | 1404962 | 2715740 | 31.51% | 6.783% |

Sum of corrected areas: 40036418

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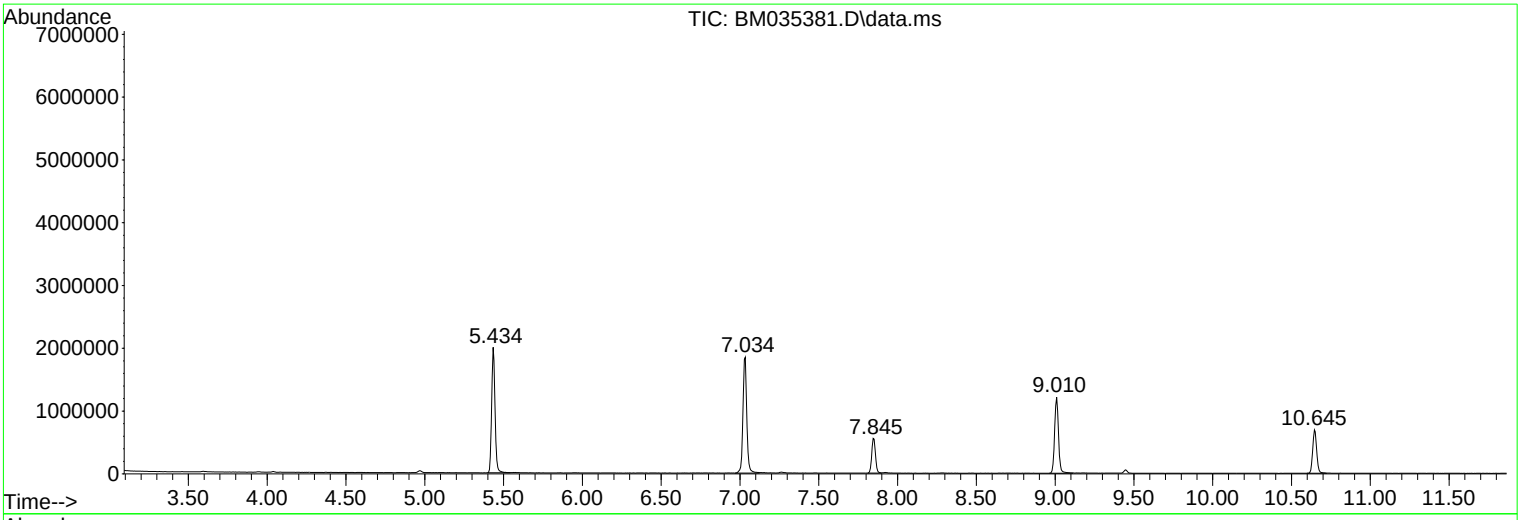
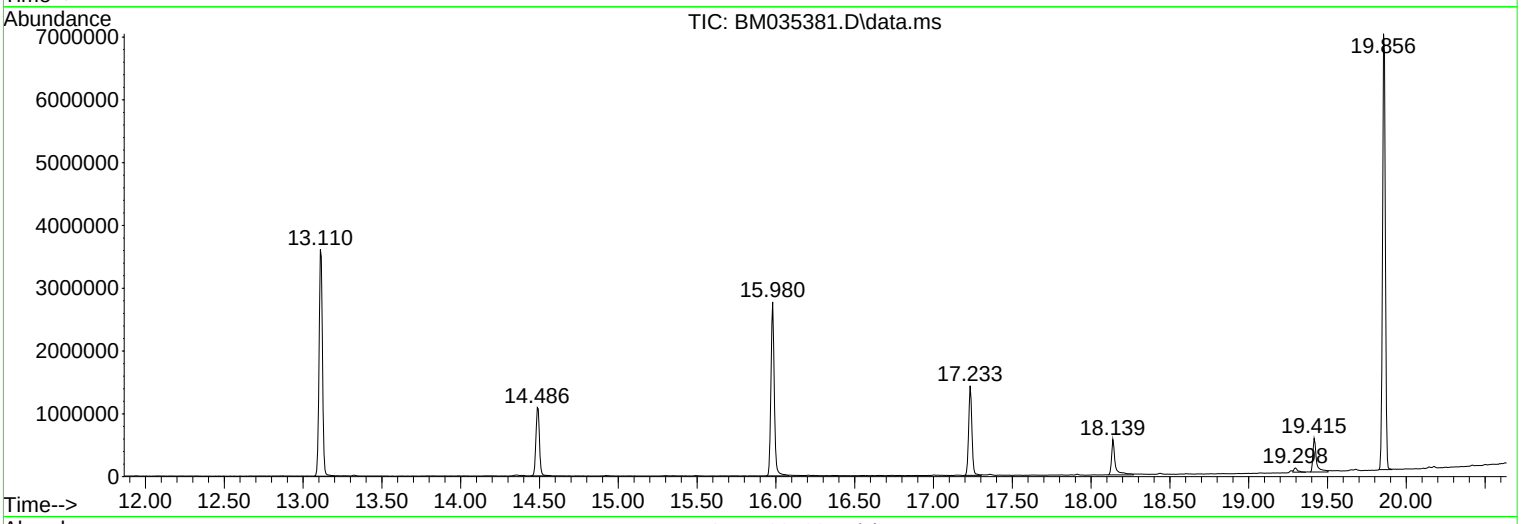
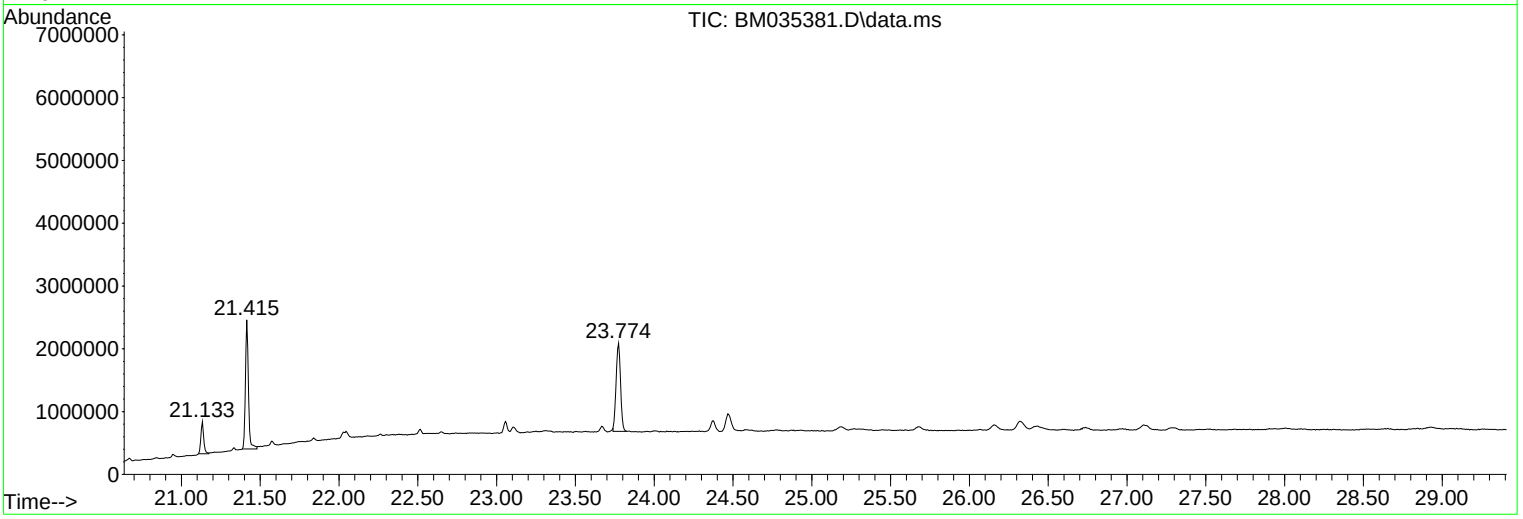
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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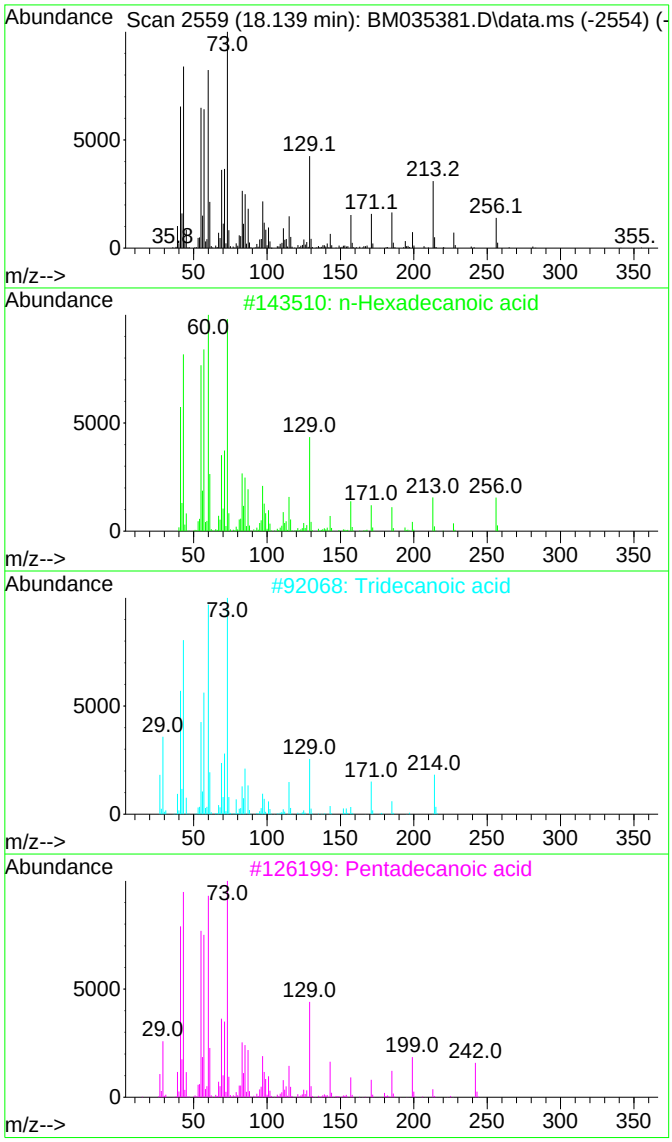
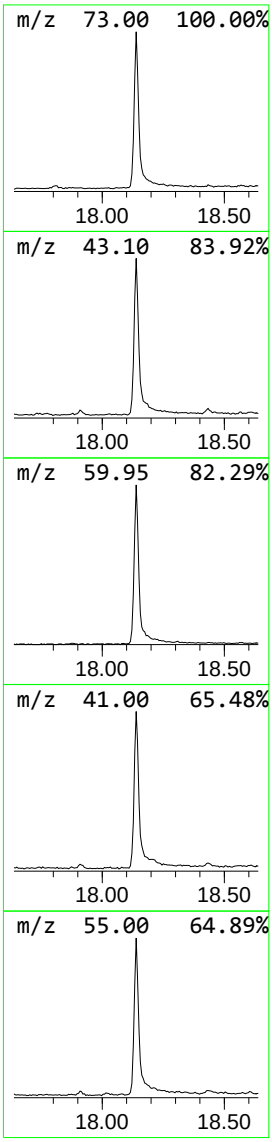
Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.139 | 8.84 ng | 908327 | Phenanthrene-d10 | 17.233 |

| 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 | 90 |
| 3 | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 87 |
| 4 | Tetradecanoic acid | 228 | C14H28O2 | 000544-63-8 | 64 |
| 5 | n-Decanoic acid | 172 | C10H20O2 | 000334-48-5 | 60 |



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BNA_M
**ClientSampleId :**
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060222.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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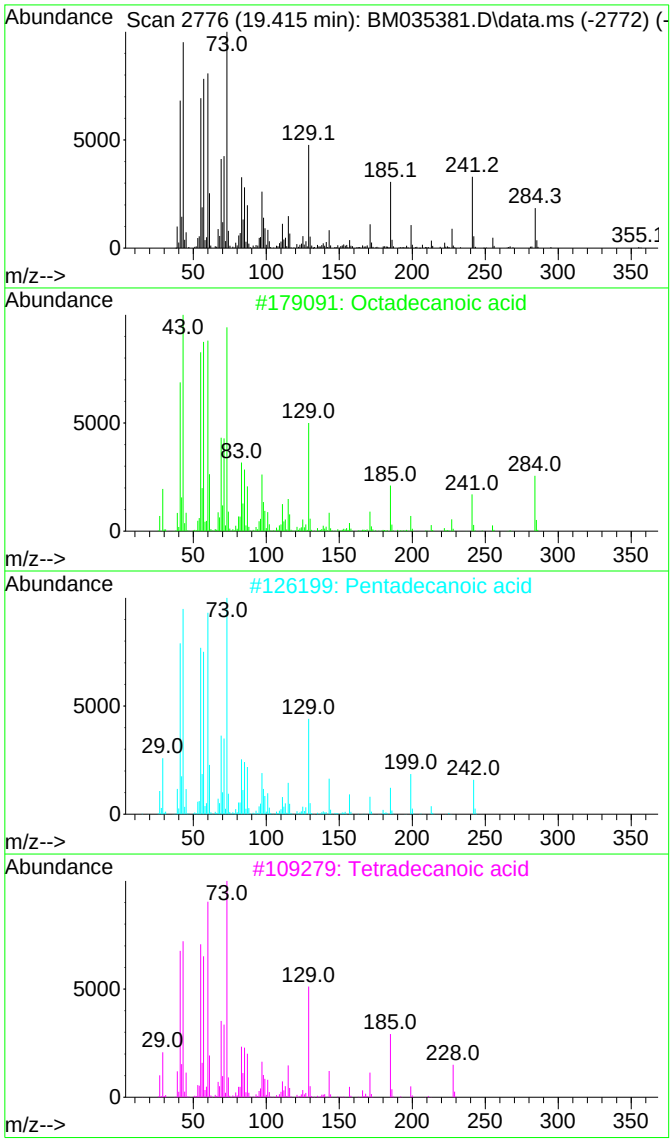
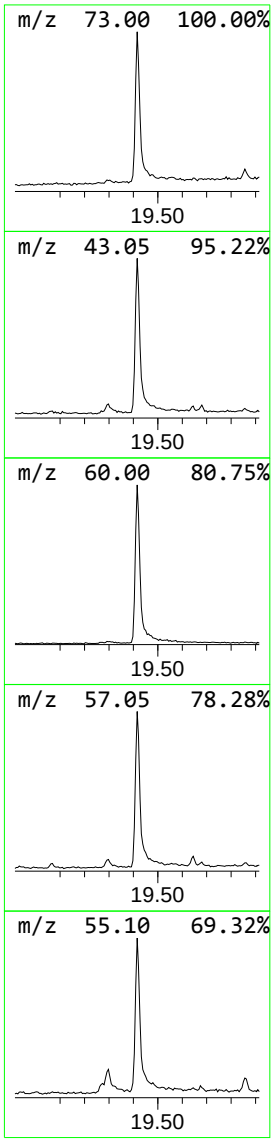
Peak Number 2 Octadecanoic acid Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.415 | 6.03 ng | 823537 | Chrysene-d12 | 21.415 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 99 |
| 2 | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 93 |
| 3 | Tetradecanoic acid | 228 | C14H28O2 | 000544-63-8 | 83 |
| 4 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 81 |
| 5 | Octadecanoic acid, 2-(2-hydroxye... | 372 | C22H44O4 | 000106-11-6 | 72 |



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BNA_M
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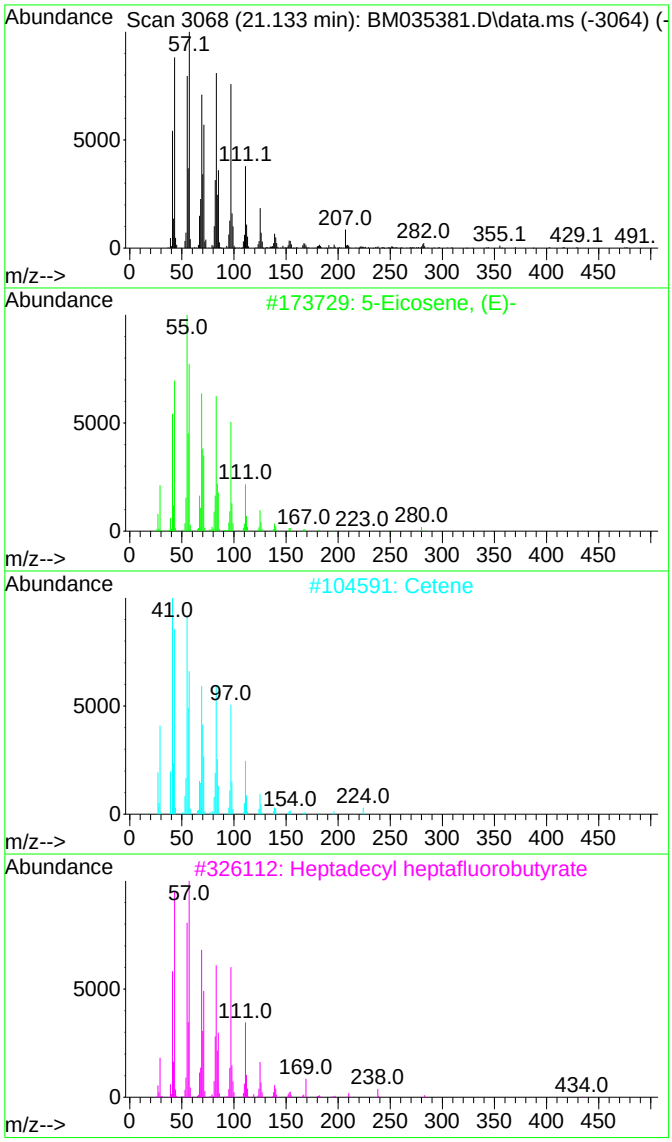
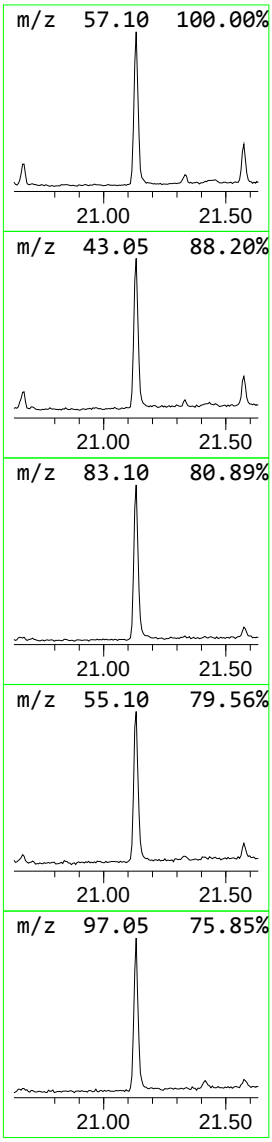
Peak Number 3 5-Eicosene, (E)- Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.133 | 4.67 ng | 638073 | Chrysene-d12 | 21.415 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 5-Eicosene, (E)- | 280 | C20H40 | 074685-30-6 | 97 |
| 2 | Cetene | 224 | C16H32 | 000629-73-2 | 95 |
| 3 | Heptadecyl heptafluorobutyrate | 452 | C21H35F7O2 | 959085-66-6 | 94 |
| 4 | Pentadecafluorooctanoic acid, oc... | 666 | C26H37F15O2 | 1000406-04-8 | 94 |
| 5 | Heptadecyl trifluoroacetate | 352 | C19H35F3O2 | 1010351-87-0 | 94 |



Tentatively Identified Compound (LSC) summary

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| | | | | | Internal Standard | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| n-Hexadecanoic ... | 18.139 | 8.8 | ng | 908327 | 4 | 17.233 | 2055520 | 20.0 |
| Octadecanoic acid | 19.415 | 6.0 | ng | 823537 | 5 | 21.415 | 2733360 | 20.0 |
| 5-Eicosene, (E)- | 21.133 | 4.7 | ng | 638073 | 5 | 21.415 | 2733360 | 20.0 |