LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032321\
Data File : BG048476.D
Acq On : 23 Mar 2021 19:11
Operator : CG/JU
Sample : M1746-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** COMP-3

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-BG031821.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG048476.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.177 | 309 | 313 | 319 | rBV | 19522 | 29767 | 1.06% | 0.233% |
| 2 | 5.652 | 387 | 394 | 406 | rBV | 546080 | 875094 | 31.20% | 6.848% |
| 3 | 7.251 | 657 | 666 | 678 | rBV | 601566 | 1033958 | 36.87% | 8.091% |
| 4 | 8.103 | 805 | 811 | 818 | rBV | 145298 | 247709 | 8.83% | 1.938% |
| 5 | 9.266 | 999 | 1009 | 1016 | rBV | 375157 | 654662 | 23.34% | 5.123% |
| 6 | 10.923 | 1284 | 1291 | 1300 | rBV | 194478 | 358000 | 12.76% | 2.801% |
| 7 | 13.367 | 1700 | 1707 | 1714 | rVB | 982234 | 1466072 | 52.27% | 11.472% |
| 8 | 14.742 | 1935 | 1941 | 1948 | rVB | 355797 | 553250 | 19.73% | 4.329% |
| 9 | 16.228 | 2186 | 2194 | 2201 | rBV | 1029781 | 1568333 | 55.92% | 12.272% |
| 10 | 17.492 | 2403 | 2409 | 2415 | rBV | 519215 | 786016 | 28.03% | 6.151% |
| 11 | 18.373 | 2553 | 2559 | 2572 | rBV2 | 160882 | 244984 | 8.73% | 1.917% |
| 12 | 19.542 | 2754 | 2758 | 2765 | rVB | 46092 | 67516 | 2.41% | 0.528% |
| 13 | 19.642 | 2771 | 2775 | 2783 | rVB3 | 36274 | 56334 | 2.01% | 0.441% |
| 14 | 19.906 | 2816 | 2820 | 2824 | rVB | 48804 | 60985 | 2.17% | 0.477% |
| 15 | 20.100 | 2847 | 2853 | 2858 | rVB | 2161708 | 2804630 | 100.00% | 21.947% |
| 16 | 20.776 | 2962 | 2968 | 2972 | rVB8 | 17133 | 29771 | 1.06% | 0.233% |
| 17 | 21.416 | 3072 | 3077 | 3089 | rBV4 | 132403 | 335926 | 11.98% | 2.629% |
| 18 | 21.781 | 3133 | 3139 | 3145 | rBV2 | 468759 | 814732 | 29.05% | 6.375% |
| 19 | 25.112 | 3697 | 3706 | 3717 | rBV2 | 277040 | 791638 | 28.23% | 6.195% |

Sum of corrected areas: 12779377

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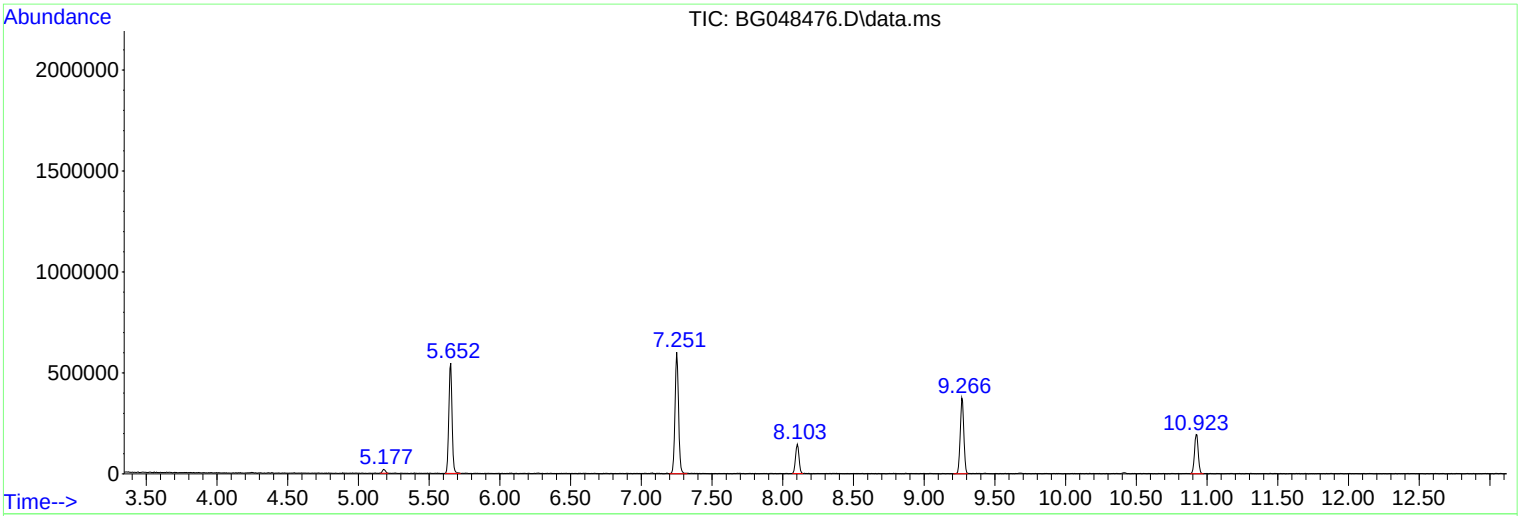
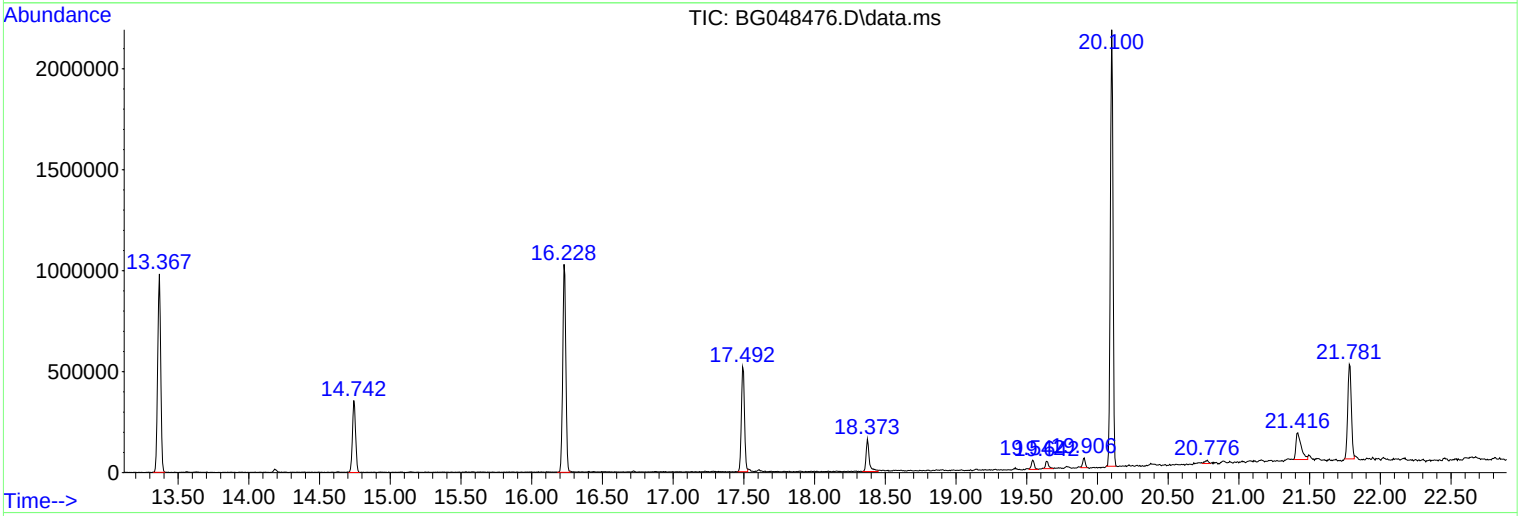
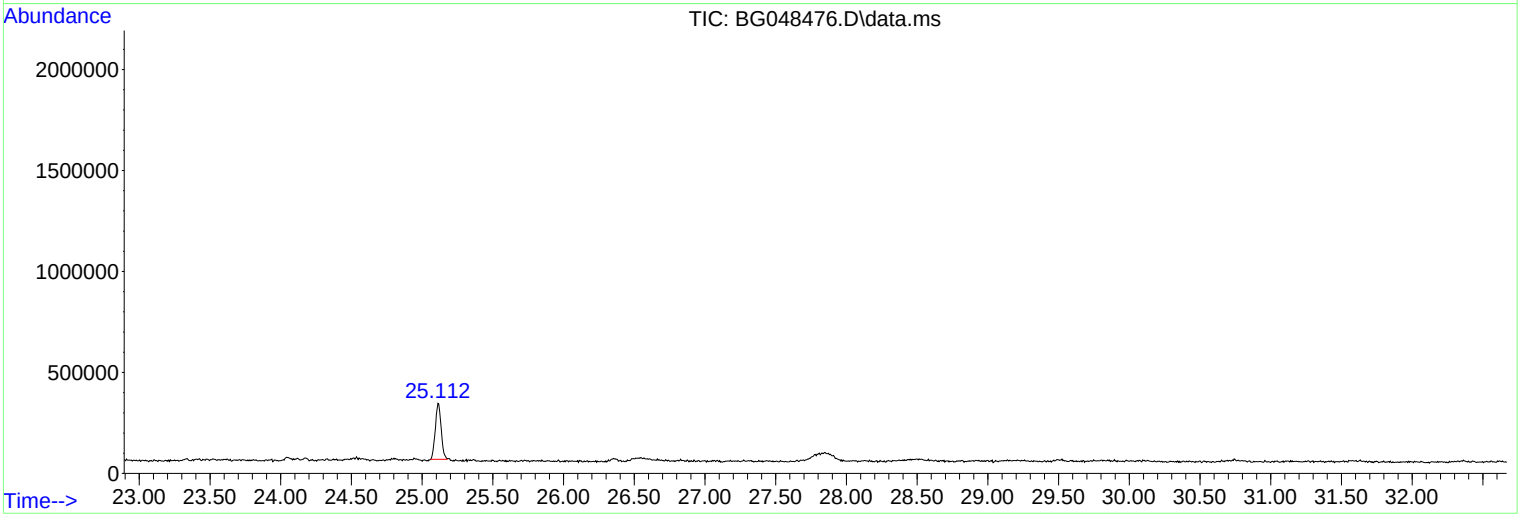
COMP-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



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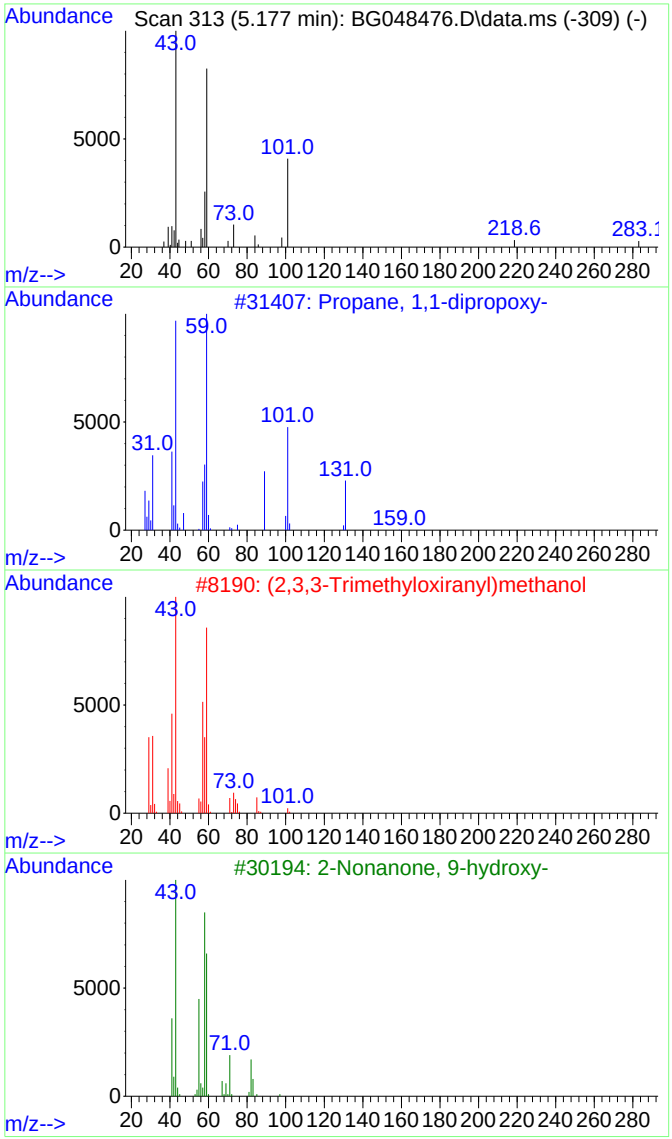
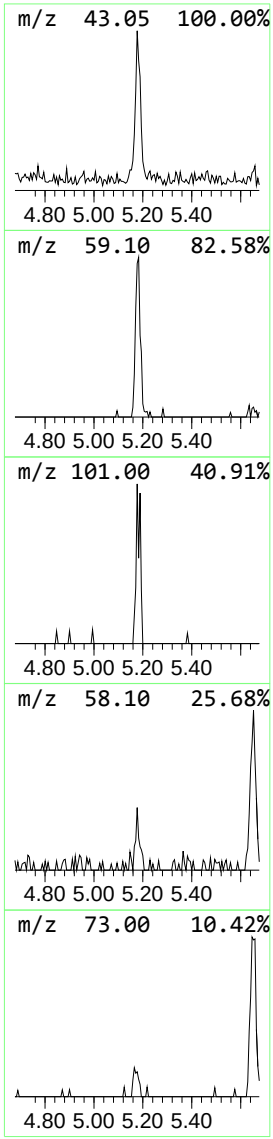
**********

Peak Number 1 unknown5.177 Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.177 | 2.40 ng | 29767 | 1,4-Dichlorobenzene-d4 | 8.103 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Propane, 1,1-dipropoxy- | 160 | C9H20O2 | 004744-11-0 | 40 |
| 2 | (2,3,3-Trimethyloxiranyl)methanol | 116 | C6H12O2 | 1000306-64-7 | 36 |
| 3 | 2-Nonanone, 9-hydroxy- | 158 | C9H18O2 | 025368-56-3 | 23 |
| 4 | Guanidine | 59 | CH5N3 | 000113-00-8 | 9 |
| 5 | (+-)-4-Amino-4,5-dihydro-2(3H)-f... | 101 | C4H7NO2 | 016504-58-8 | 9 |



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BNA_G
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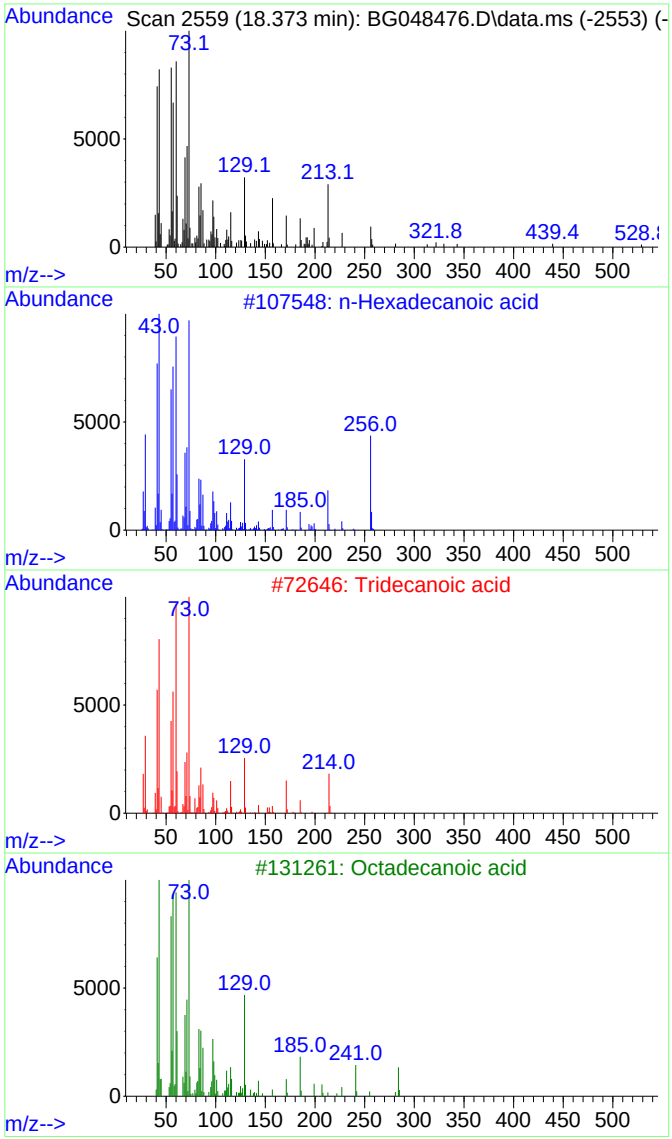
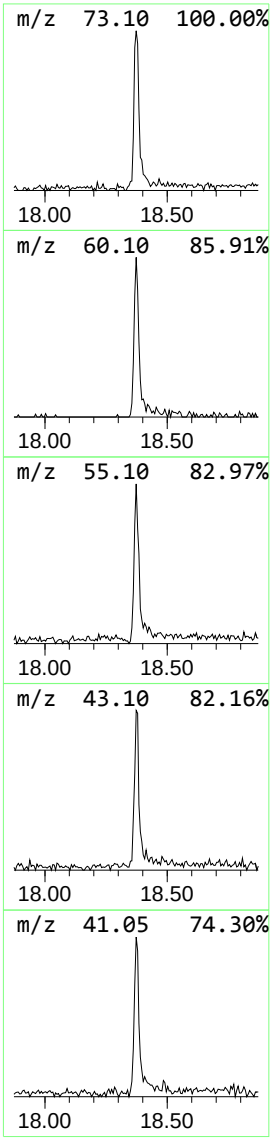
**********

Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.373 | 6.23 ng | 244984 | Phenanthrene-d10 | 17.491 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 97 |
| 2 | Tridecanoic acid | 214 | C13H26O2 | 000638-53-9 | 83 |
| 3 | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 68 |
| 4 | Dodecanoic acid | 200 | C12H24O2 | 000143-07-7 | 59 |
| 5 | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 58 |



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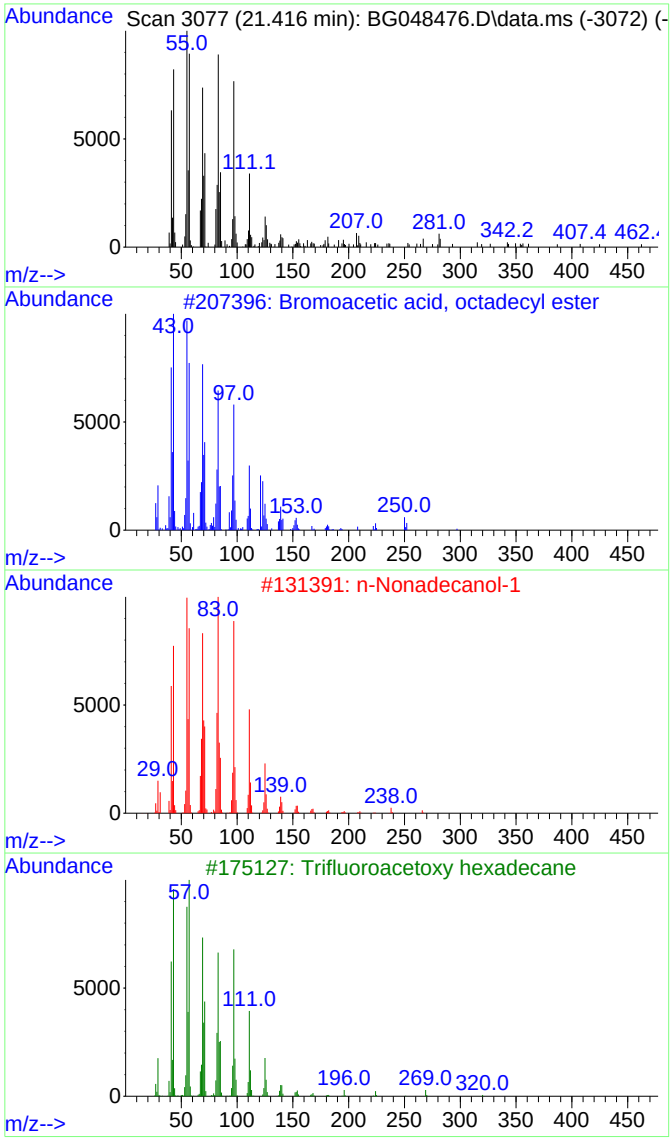
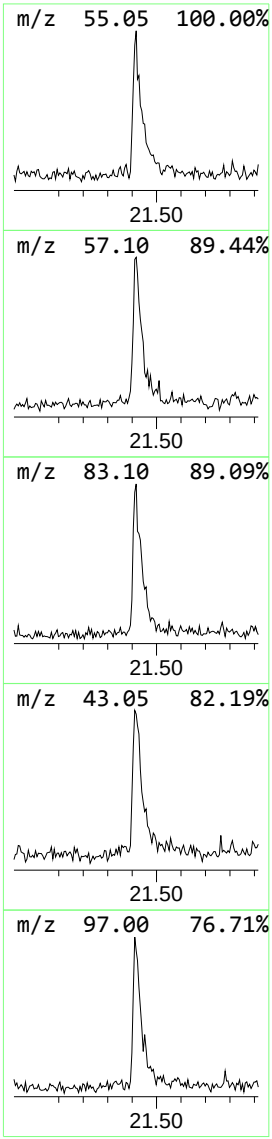
**********
Peak Number 3 Bromoacetic acid, octadecyl... Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.416 | 8.25 ng | 335926 | Chrysene-d12 | 21.781 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Bromoacetic acid, octadecyl ester | 390 | C20H39BrO2 | 018992-03-5 | 91 |
| 2 | n-Nonadecanol-1 | 284 | C19H40O | 001454-84-8 | 87 |
| 3 | Trifluoroacetoxy hexadecane | 338 | C18H33F3O2 | 006222-03-3 | 87 |
| 4 | Heptafluorobutyric acid, n-tetra... | 410 | C18H29F7O2 | 007365-36-8 | 76 |
| 5 | 1-Tricosene | 322 | C23H46 | 018835-32-0 | 76 |



Tentatively Identified Compound (LSC) summary

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| | | | | | --Internal Standard--- | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| unknown5.177 | 5.177 | 2.4 | ng | 29767 | 1 | 8.103 | 247709 | 20.0 |
| n-Hexadecanoic ... | 18.373 | 6.2 | ng | 244984 | 4 | 17.491 | 786016 | 20.0 |
| Bromoacetic aci... | 21.416 | 8.3 | ng | 335926 | 5 | 21.781 | 814732 | 20.0 |