LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051023\
Data File : BF133334.D
Acq On : 10 May 2023 16:59
Operator : CG\JU
Sample : 02719-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB-X01_10-12_20230509

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-BF042123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF133334.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 4.257 | 365 | 369 | 376 | rBV | 58681 | 79522 | 1.96% | 0.272% |
| 2 | 4.904 | 474 | 479 | 495 | rVB | 1150530 | 1382071 | 34.04% | 4.720% |
| 3 | 5.334 | 548 | 552 | 564 | rBV | 3710385 | 3609329 | 88.91% | 12.327% |
| 4 | 5.728 | 615 | 619 | 623 | rBV | 124360 | 108370 | 2.67% | 0.370% |
| 5 | 6.363 | 723 | 727 | 730 | rBV | 3739929 | 3609985 | 88.92% | 12.329% |
| 6 | 6.722 | 784 | 788 | 791 | rBV | 1436220 | 1217837 | 30.00% | 4.159% |
| 7 | 7.287 | 879 | 884 | 887 | rBV | 2661917 | 2328523 | 57.36% | 7.953% |
| 8 | 8.004 | 1002 | 1006 | 1009 | rBV | 2229698 | 1672252 | 41.19% | 5.711% |
| 9 | 9.081 | 1185 | 1189 | 1192 | rBV | 5058399 | 4059705 | 100.00% | 13.865% |
| 10 | 9.757 | 1300 | 1304 | 1307 | rBV | 2231133 | 1873368 | 46.15% | 6.398% |
| 11 | 10.463 | 1421 | 1424 | 1428 | rBV | 282729 | 255700 | 6.30% | 0.873% |
| 12 | 10.539 | 1434 | 1437 | 1452 | rBV | 1561414 | 1567565 | 38.61% | 5.354% |
| 13 | 11.239 | 1552 | 1556 | 1559 | rBV | 2078352 | 1752125 | 43.16% | 5.984% |
| 14 | 12.822 | 1821 | 1825 | 1829 | rBV | 3444897 | 3104145 | 76.46% | 10.602% |
| 15 | 13.763 | 1977 | 1985 | 1998 | rBV6 | 76341 | 289480 | 7.13% | 0.989% |
| 16 | 13.874 | 2000 | 2004 | 2011 | rVV | 1105852 | 1014699 | 24.99% | 3.466% |
| 17 | 14.974 | 2188 | 2191 | 2196 | rVB | 41351 | 53072 | 1.31% | 0.181% |
| 18 | 15.292 | 2240 | 2245 | 2250 | rBV | 1069816 | 1301568 | 32.06% | 4.445% |

Sum of corrected areas: 29279316

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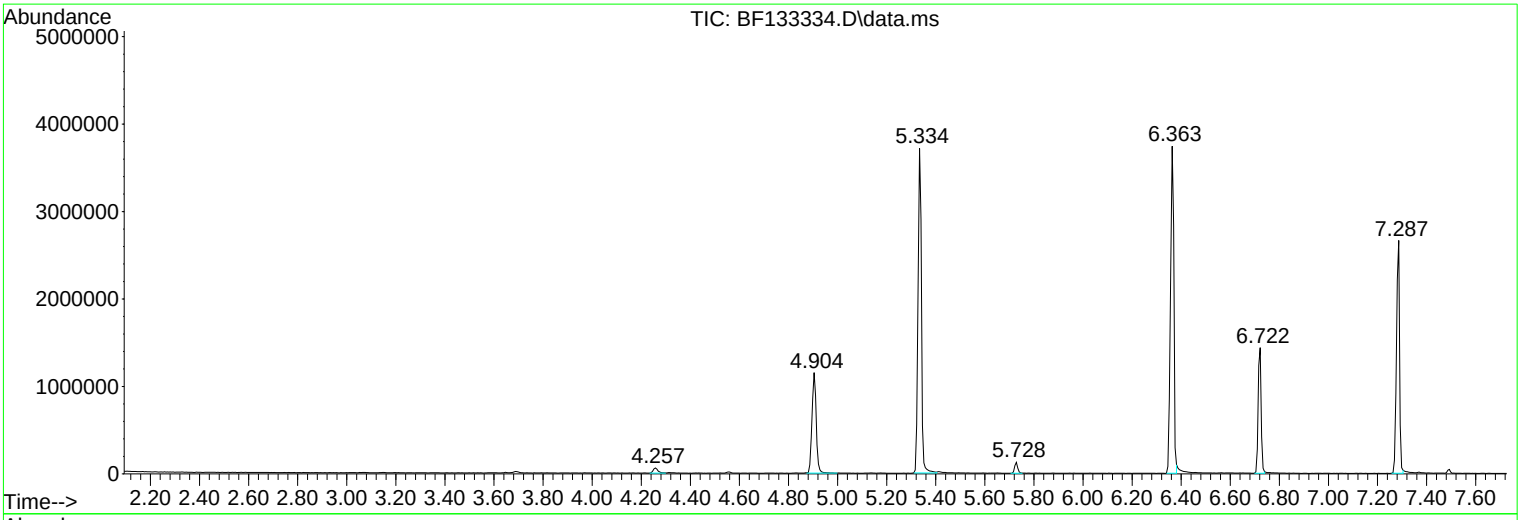
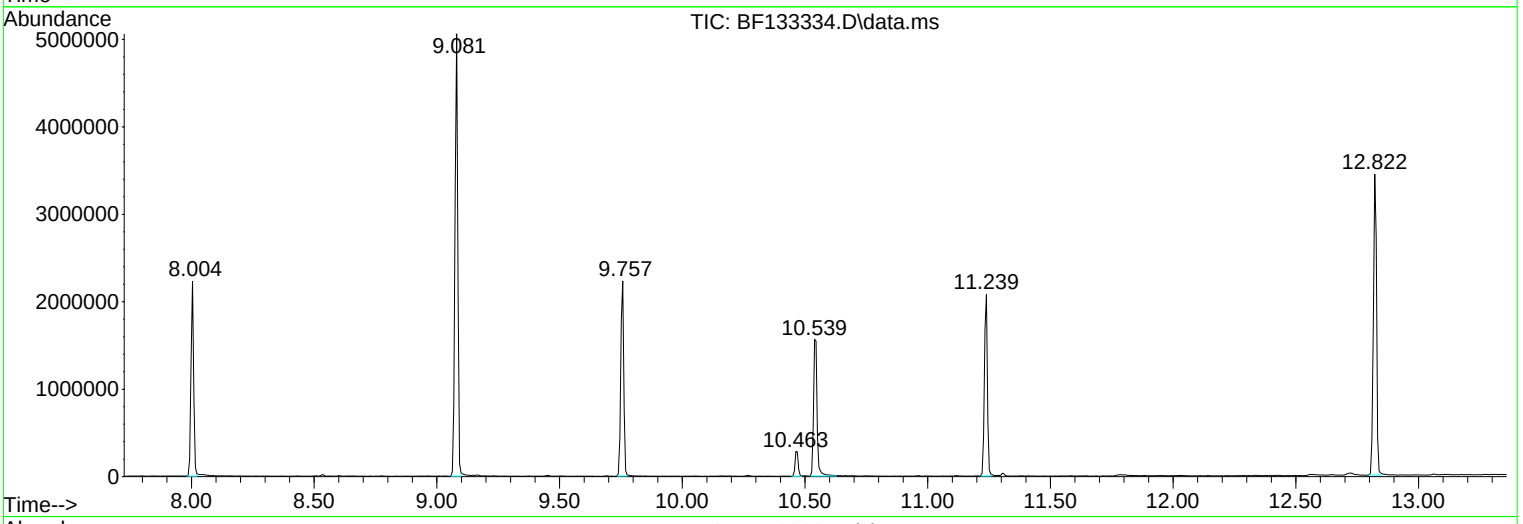
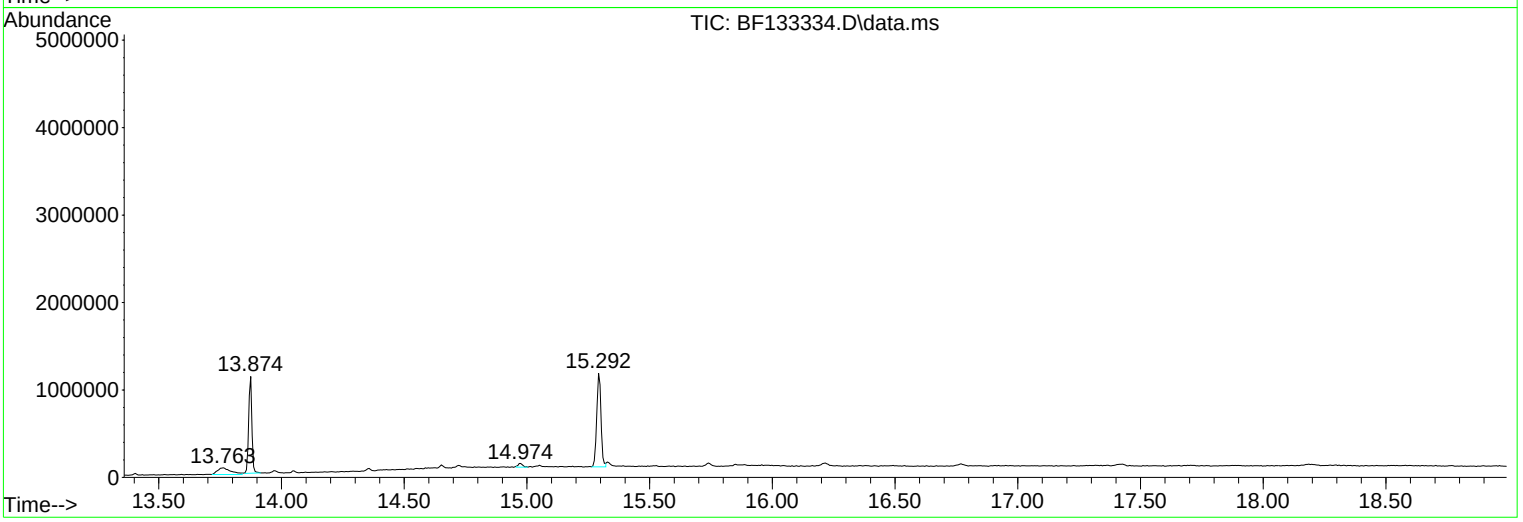
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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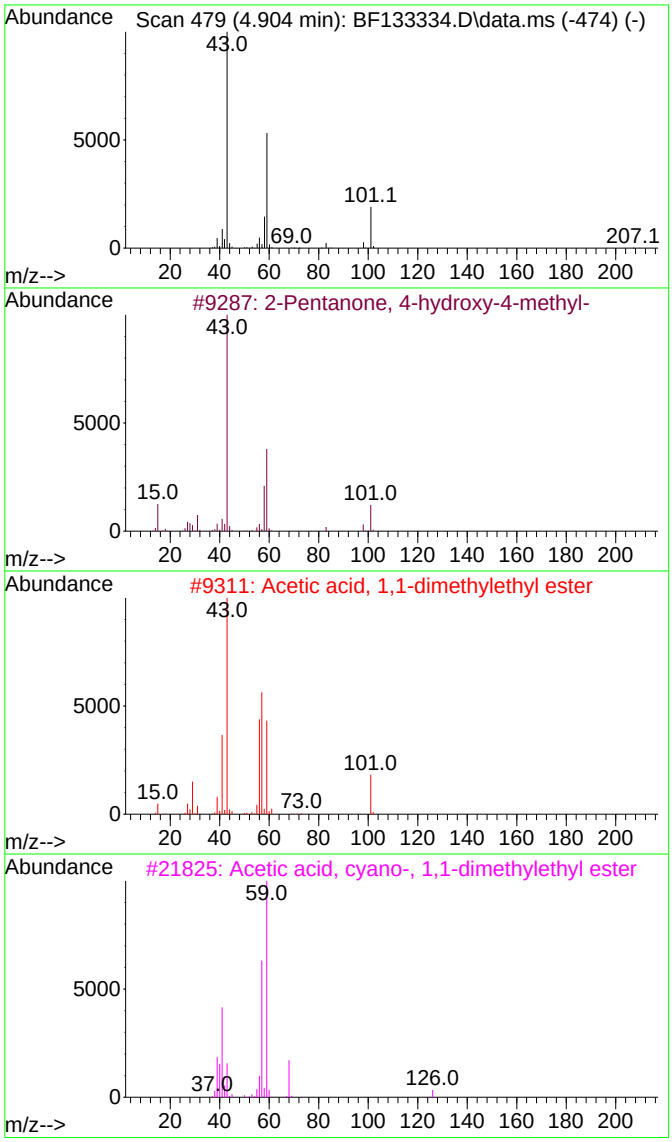
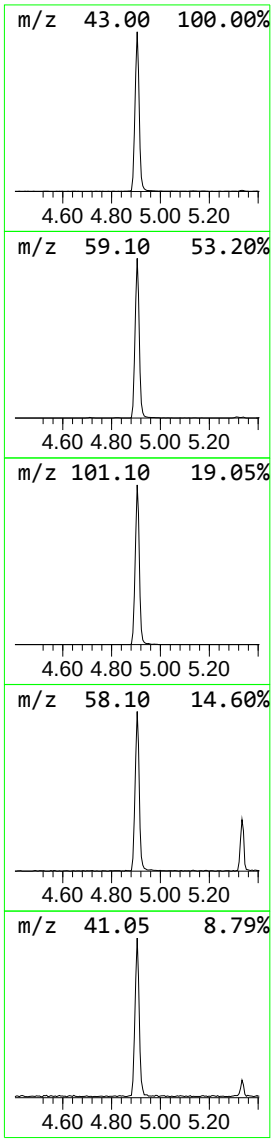
**********
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 4.904 | 22.70 ng | 1382070 | 1,4-Dichlorobenzene-d4 | 6.722 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2 | 000123-42-2 | 72 |
| 2 | Acetic acid, 1,1-dimethylethyl e... | 116 | C6H12O2 | 000540-88-5 | 39 |
| 3 | Acetic acid, cyano-, 1,1-dimethy... | 141 | C7H11NO2 | 001116-98-9 | 23 |
| 4 | 2,3-Butanedione, monooxime | 101 | C4H7NO2 | 000057-71-6 | 9 |
| 5 | 3-Hexanol, 4-methyl- | 116 | C7H16O | 000615-29-2 | 9 |



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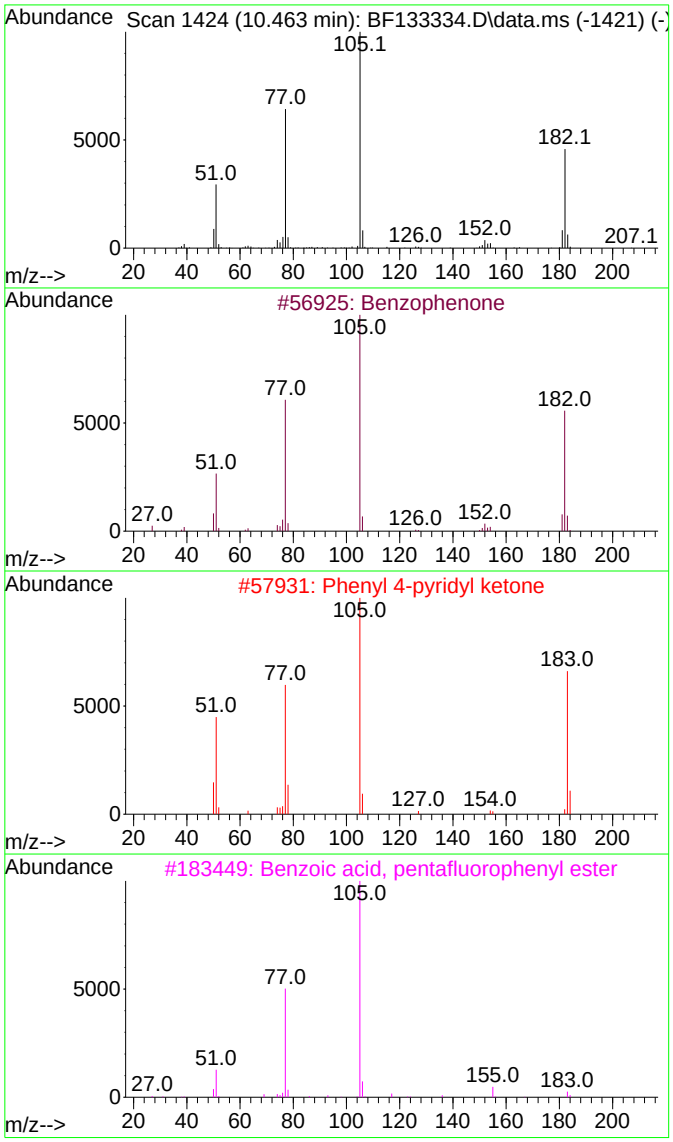
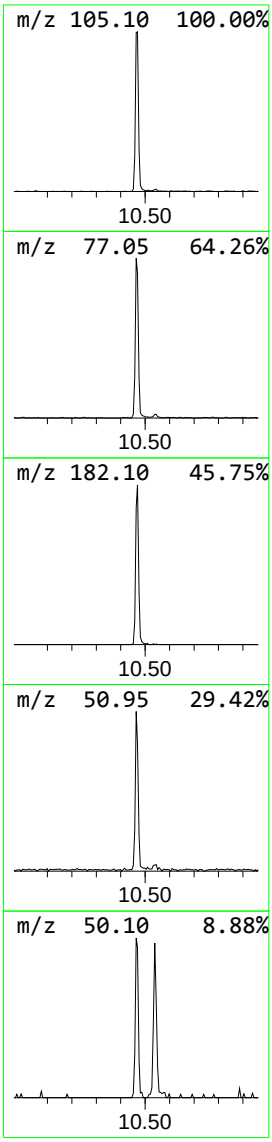
**********

Peak Number 2 Benzophenone Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.463 | 2.73 ng | 255700 | Acenaphthene-d10 | 9.757 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzophenone | 182 | C13H10O | 000119-61-9 | 96 |
| 2 | Phenyl 4-pyridyl ketone | 183 | C12H9NO | 014548-46-0 | 58 |
| 3 | Benzoic acid, pentafluorophenyl ... | 288 | C13H5F5O2 | 1000360-67-9 | 50 |
| 4 | Acetophenone, 2-chloro- | 154 | C8H7ClO | 000532-27-4 | 49 |
| 5 | 2-Phenyl-4-ethylidene-2-oxazolin... | 187 | C11H9NO2 | 037791-41-6 | 47 |



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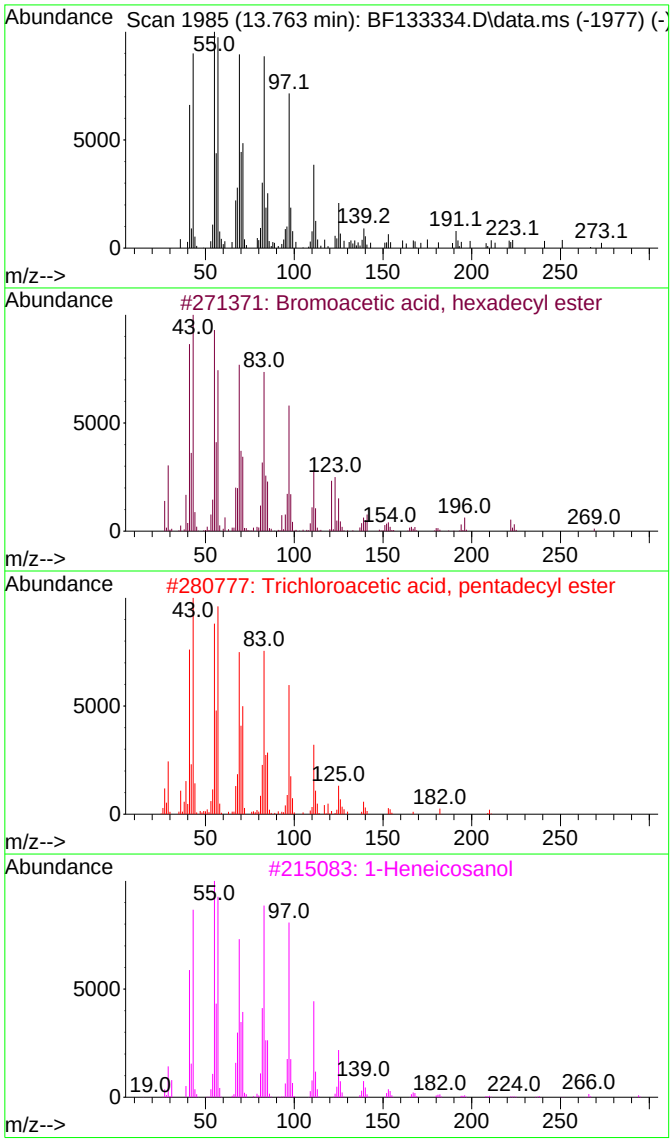
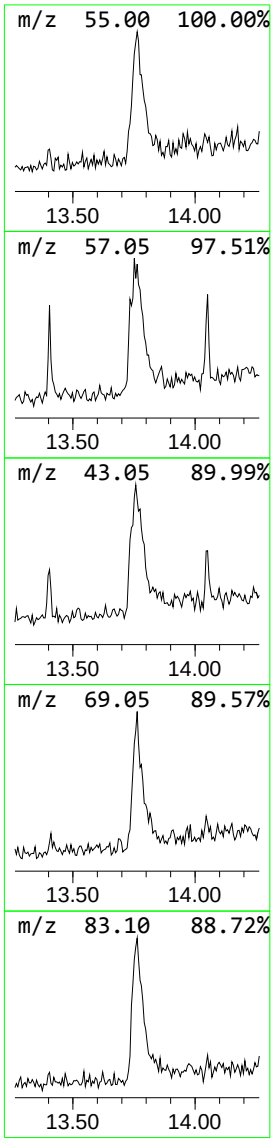
**********
Peak Number 3 Bromoacetic acid, hexadecyl... Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.763 | 5.71 ng | 289480 | Chrysene-d12 | 13.874 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Bromoacetic acid, hexadecyl ester | 362 | C18H35BrO2 | 005454-48-8 | 91 |
| 2 | Trichloroacetic acid, pentadecyl... | 372 | C17H31Cl3O2 | 074339-53-0 | 91 |
| 3 | 1-Heneicosanol | 312 | C21H44O | 015594-90-8 | 91 |
| 4 | Pentafluoropropionic acid, tride... | 346 | C16H27F5O2 | 959261-22-4 | 91 |
| 5 | Trichloroacetic acid, tetradecyl... | 358 | C16H29Cl3O2 | 074339-52-9 | 91 |



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-... | 4.904 | 22.7 | ng | 1382070 | 1 | 6.722 | 1217840 | 20.0 |
| Benzophenone | 10.463 | 2.7 | ng | 255700 | 3 | 9.757 | 1873370 | 20.0 |
| Bromoacetic aci... | 13.763 | 5.7 | ng | 289480 | 5 | 13.874 | 1014700 | 20.0 |