LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081721\
Data File : BP006702.D
Acq On : 17 Aug 2021 02:02
Operator : CG/JU
Sample : M3424-14
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** 20N

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_P\Methods\8270E-BP080321.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP006702.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 4.858 | 297 | 301 | 311 | rVB | 90748 | 133691 | 1.52% | 0.283% |
| 2 | 5.305 | 371 | 377 | 389 | rVB | 3114398 | 4368063 | 49.58% | 9.253% |
| 3 | 6.887 | 639 | 646 | 657 | rBV | 2994654 | 4741496 | 53.82% | 10.044% |
| 4 | 7.705 | 779 | 785 | 793 | rVB | 760304 | 1169634 | 13.28% | 2.478% |
| 5 | 8.863 | 975 | 982 | 991 | rVB | 1903012 | 3104553 | 35.24% | 6.576% |
| 6 | 10.287 | 1218 | 1224 | 1234 | rBV | 111110 | 202426 | 2.30% | 0.429% |
| 7 | 10.487 | 1251 | 1258 | 1265 | rBV | 1036616 | 1683514 | 19.11% | 3.566% |
| 8 | 12.969 | 1672 | 1680 | 1688 | rBV | 4363164 | 6337199 | 71.93% | 13.424% |
| 9 | 14.345 | 1906 | 1914 | 1920 | rBV | 1419330 | 2089565 | 23.72% | 4.426% |
| 10 | 15.839 | 2159 | 2168 | 2179 | rBV | 3420575 | 4670242 | 53.01% | 9.893% |
| 11 | 17.098 | 2376 | 2382 | 2387 | rBV | 1672586 | 2379563 | 27.01% | 5.040% |
| 12 | 17.139 | 2387 | 2389 | 2395 | rVV | 193590 | 246880 | 2.80% | 0.523% |
| 13 | 18.010 | 2533 | 2537 | 2544 | rVB2 | 122648 | 183081 | 2.08% | 0.388% |
| 14 | 19.122 | 2721 | 2726 | 2732 | rBV | 315143 | 397471 | 4.51% | 0.842% |
| 15 | 19.475 | 2782 | 2786 | 2790 | rVB | 247125 | 293698 | 3.33% | 0.622% |
| 16 | 19.680 | 2816 | 2821 | 2832 | rVB | 7124391 | 8810267 | 100.00% | 18.662% |
| 17 | 20.933 | 3030 | 3034 | 3041 | rBV3 | 422020 | 663079 | 7.53% | 1.405% |
| 18 | 21.204 | 3074 | 3080 | 3084 | rBV | 2130327 | 2769246 | 31.43% | 5.866% |
| 19 | 21.239 | 3084 | 3086 | 3093 | rVB | 148723 | 186584 | 2.12% | 0.395% |
| 20 | 23.515 | 3467 | 3473 | 3488 | rVB2 | 1438497 | 2778767 | 31.54% | 5.886% |

Sum of corrected areas: 47209019

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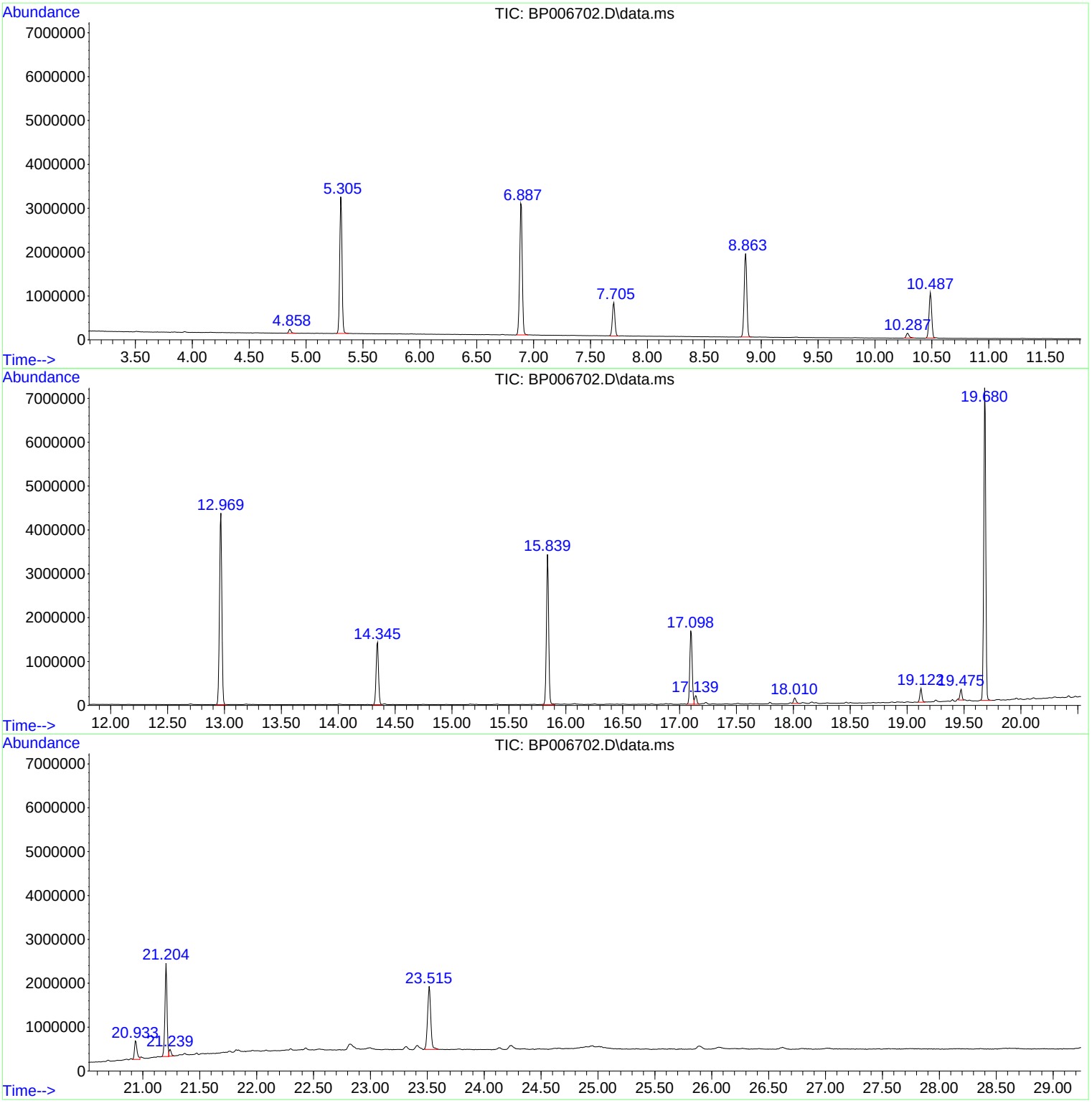
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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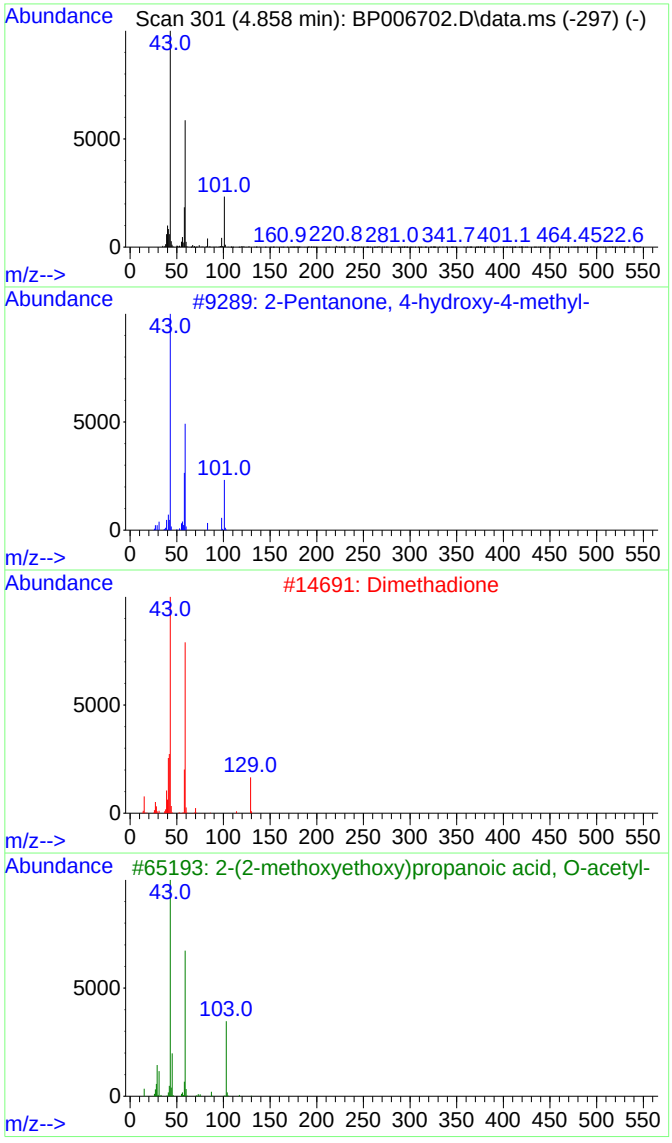
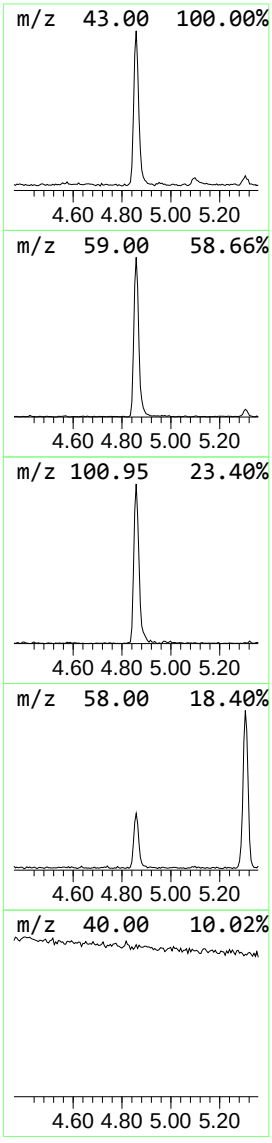
**********
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 4.858 | 2.29 ng | 133691 | 1,4-Dichlorobenzene-d4 | 7.705 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2 | 000123-42-2 | 64 |
| 2 | Dimethadione | 129 | C5H7NO3 | 000695-53-4 | 40 |
| 3 | 2-(2-methoxyethoxy)propanoic aci... | 190 | C8H14O5 | 1000506-61-7 | 28 |
| 4 | 2,3-Butanedione, monooxime | 101 | C4H7NO2 | 000057-71-6 | 25 |
| 5 | Tetraglyme | 222 | C10H22O5 | 000143-24-8 | 23 |



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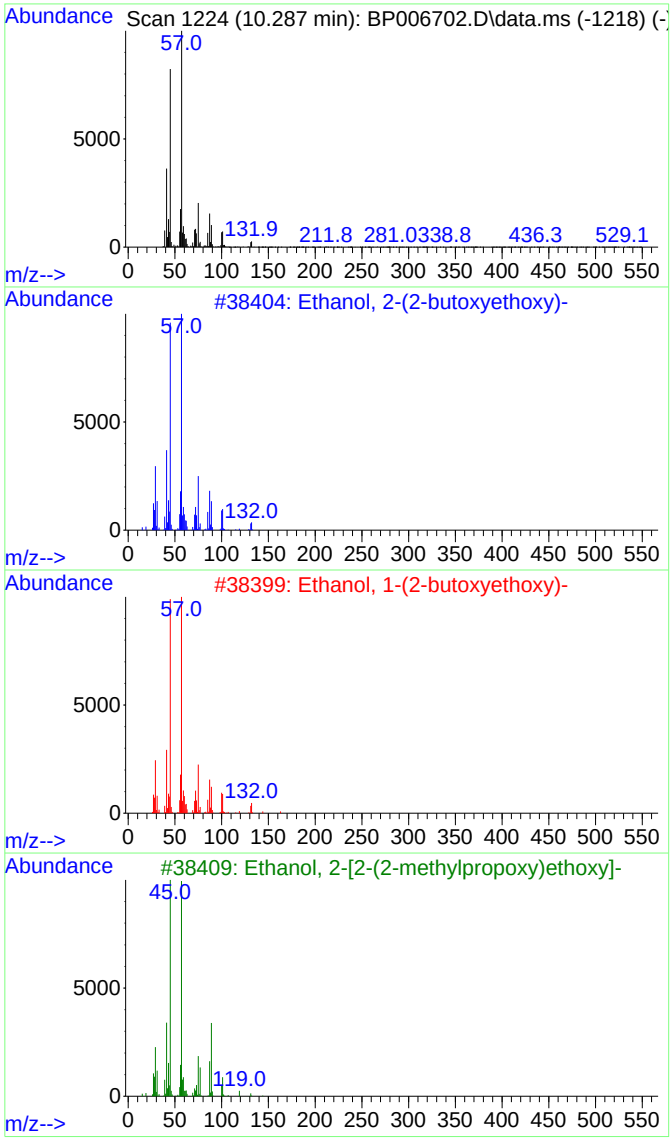
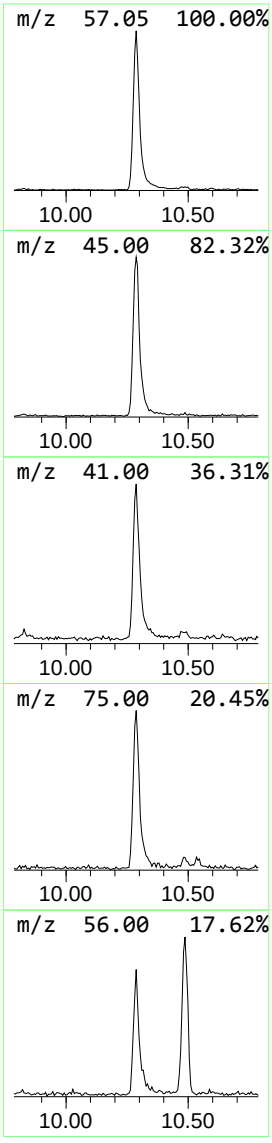
**********

Peak Number 2 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.287 | 2.40 ng | 202426 | Naphthalene-d8 | 10.487 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Ethanol, 2-(2-butoxyethoxy)- | 162 | C8H18O3 | 000112-34-5 | 91 |
| 2 | Ethanol, 1-(2-butoxyethoxy)- | 162 | C8H18O3 | 054446-78-5 | 72 |
| 3 | Ethanol, 2-[2-(2-methylpropoxy)e... | 162 | C8H18O3 | 018912-80-6 | 72 |
| 4 | Ethylene glycol monoisobutyl ether | 118 | C6H14O2 | 004439-24-1 | 64 |
| 5 | Propanoic acid, 2-hydroxy-, 2-me... | 146 | C7H14O3 | 000585-24-0 | 59 |



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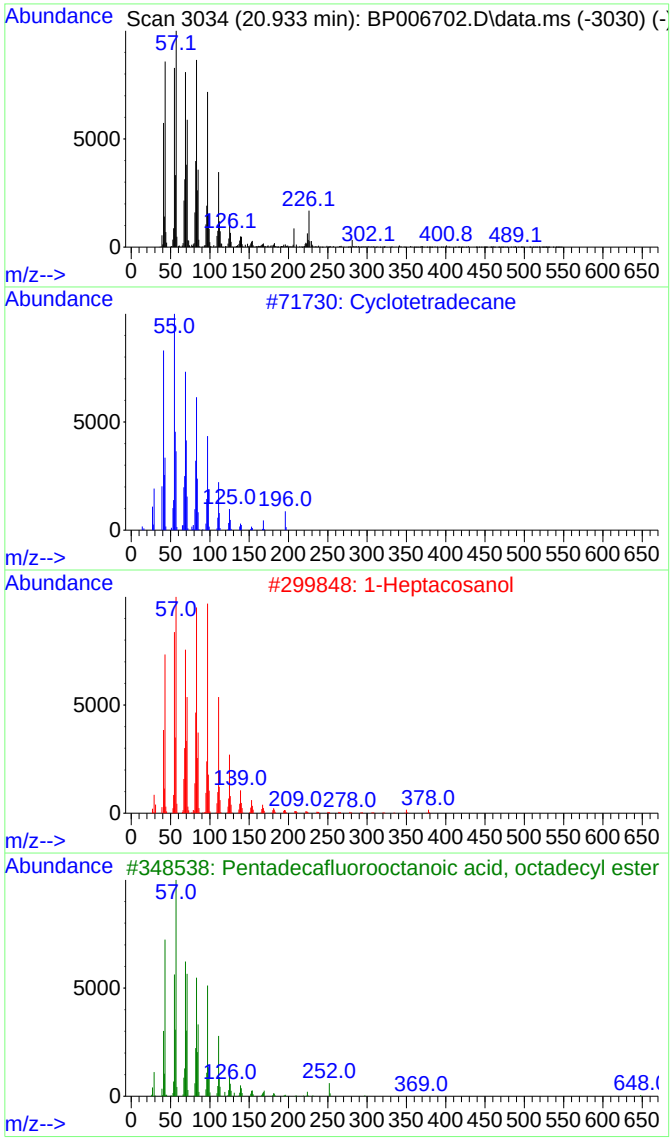
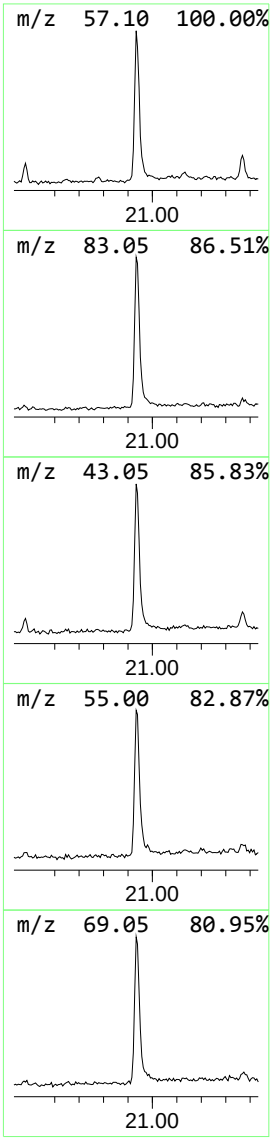
**********

Peak Number 3 Cyclotetradecane Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.933 | 4.79 ng | 663079 | Chrysene-d12 | 21.204 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclotetradecane | 196 | C14H28 | 000295-17-0 | 95 |
| 2 | 1-Heptacosanol | 396 | C27H56O | 002004-39-9 | 94 |
| 3 | Pentadecafluorooctanoic acid, oc... | 666 | C26H37F15O2 | 1000406-04-8 | 93 |
| 4 | Octadecane, 1-(ethenyloxy)- | 296 | C20H40O | 000930-02-9 | 93 |
| 5 | Nonadecyl heptafluorobutyrate | 480 | C23H39F7O2 | 1000351-83-9 | 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-... | 4.858 | 2.3 | ng | 133691 | 1 | 7.705 | 1169630 | 20.0 |
| Ethanol, 2-(2-b... | 10.287 | 2.4 | ng | 202426 | 2 | 10.487 | 1683510 | 20.0 |
| Cyclotetradecane | 20.933 | 4.8 | ng | 663079 | 5 | 21.204 | 2769250 | 20.0 |