LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102221\
Data File : BM032678.D
Acq On : 22 Oct 2021 16:44
Operator : CG/JU
Sample : M4315-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** MH-D-D

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-BM100221.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM032678.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.131 | 383 | 390 | 408 | rBV | 3572021 | 5042317 | 80.40% | 11.647% |
| 2 | 6.748 | 657 | 665 | 677 | rBV | 3267977 | 5155121 | 82.19% | 11.908% |
| 3 | 7.543 | 792 | 800 | 810 | rBV | 887579 | 1363383 | 21.74% | 3.149% |
| 4 | 8.695 | 989 | 996 | 1014 | rBV | 2051956 | 3306162 | 52.71% | 7.637% |
| 5 | 10.113 | 1231 | 1237 | 1251 | rBV | 592693 | 893301 | 14.24% | 2.063% |
| 6 | 10.331 | 1266 | 1274 | 1285 | rBV | 1154844 | 1913565 | 30.51% | 4.420% |
| 7 | 12.813 | 1689 | 1696 | 1709 | rBV | 4170175 | 6271911 | 100.00% | 14.487% |
| 8 | 14.201 | 1921 | 1932 | 1945 | rBV | 1635430 | 2342159 | 37.34% | 5.410% |
| 9 | 15.695 | 2179 | 2186 | 2207 | rBV | 2980470 | 4268127 | 68.05% | 9.859% |
| 10 | 16.936 | 2390 | 2397 | 2407 | rBV | 1704233 | 2360053 | 37.63% | 5.451% |
| 11 | 17.612 | 2508 | 2512 | 2516 | rBV | 59577 | 65899 | 1.05% | 0.152% |
| 12 | 17.836 | 2545 | 2550 | 2559 | rBV | 114722 | 168043 | 2.68% | 0.388% |
| 13 | 18.783 | 2707 | 2711 | 2716 | rVB | 102846 | 114627 | 1.83% | 0.265% |
| 14 | 19.559 | 2838 | 2843 | 2856 | rBV | 4281210 | 5546782 | 88.44% | 12.812% |
| 15 | 20.824 | 3054 | 3058 | 3064 | rBV | 234389 | 279805 | 4.46% | 0.646% |
| 16 | 21.112 | 3103 | 3107 | 3114 | rBV | 1498559 | 1877183 | 29.93% | 4.336% |
| 17 | 22.236 | 3294 | 3298 | 3303 | rVB | 297959 | 371630 | 5.93% | 0.858% |
| 18 | 23.253 | 3465 | 3471 | 3480 | rVB2 | 1101849 | 1952046 | 31.12% | 4.509% |

Sum of corrected areas: 43292114

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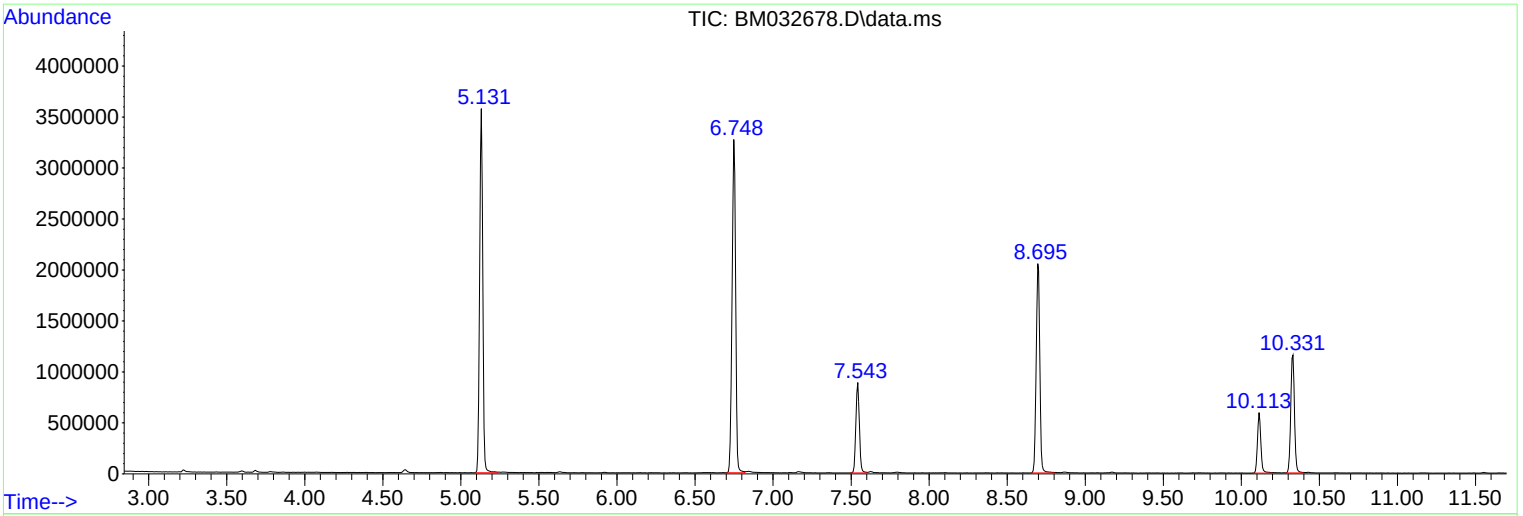
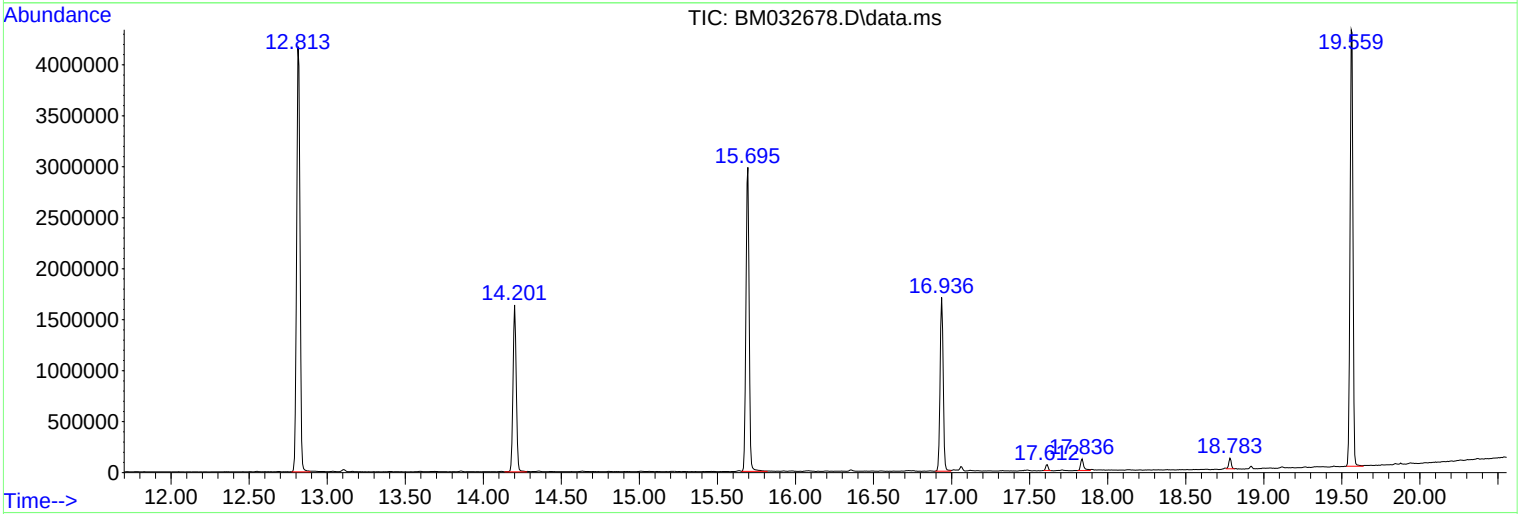
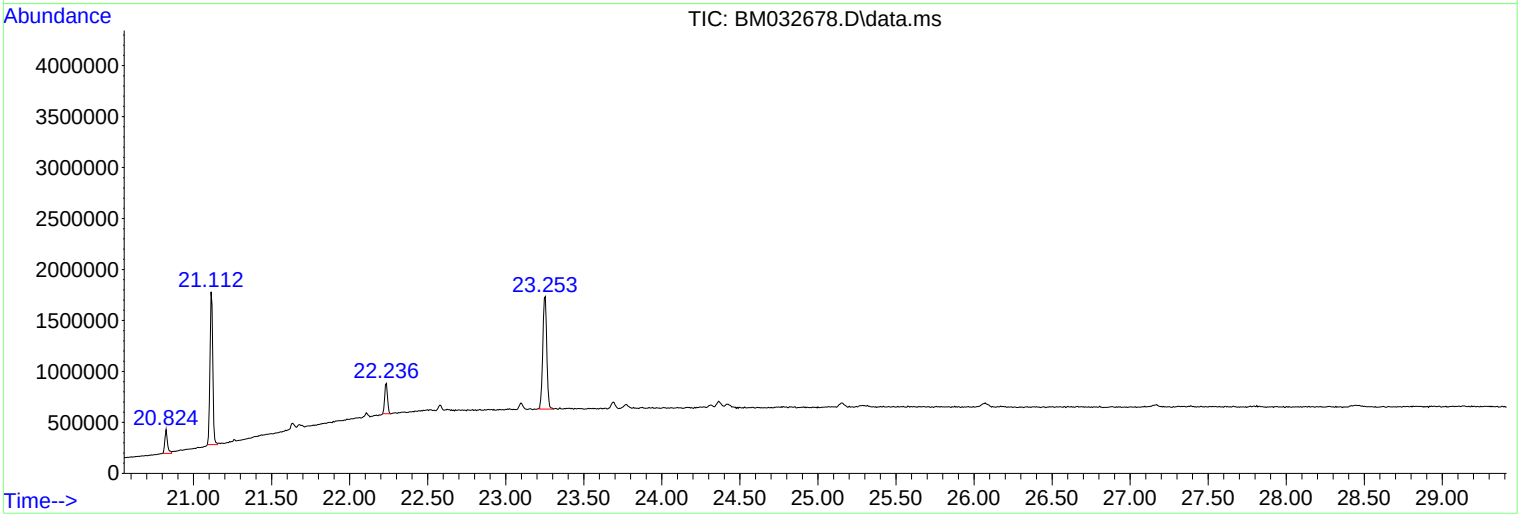
**Instrument :**
BNA_M
**ClientSampleId :**
MH-D-D

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM100221.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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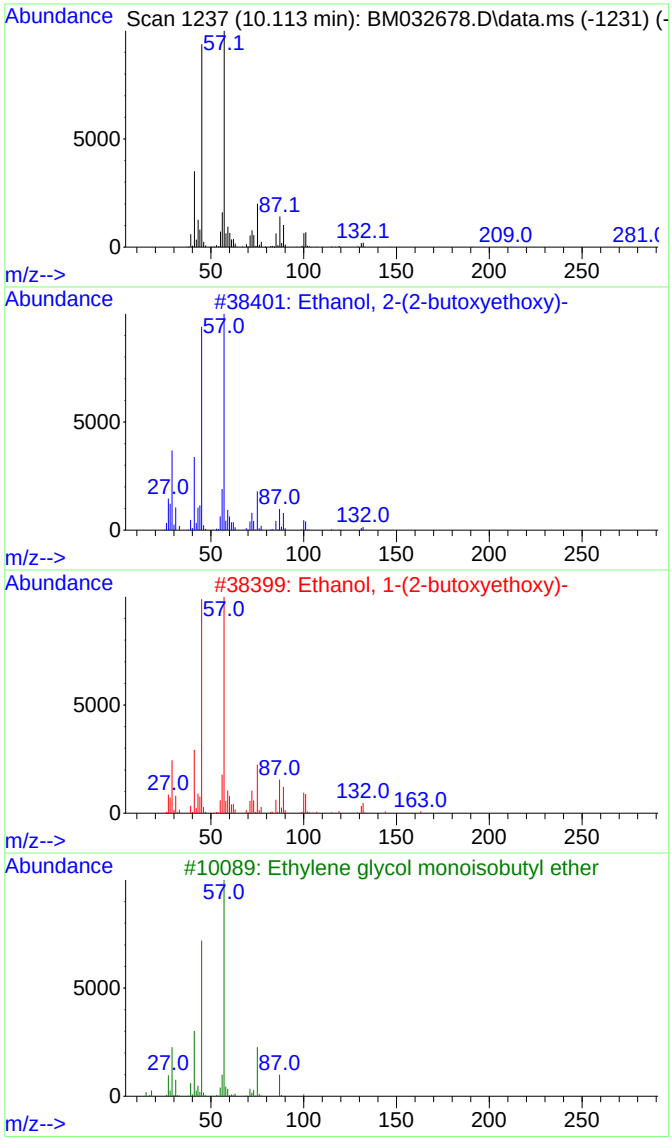
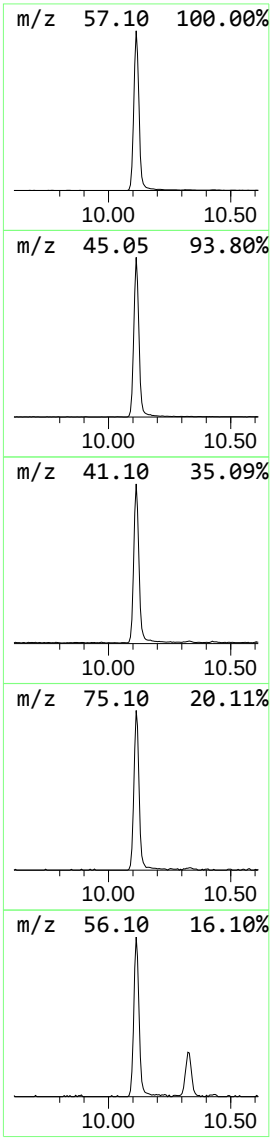
Peak Number 1 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.113 | 9.34 ng | 893301 | Naphthalene-d8 | 10.331 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Ethanol, 2-(2-butoxyethoxy)- | 162 | C8H18O3 | 000112-34-5 | 90 |
| 2 | Ethanol, 1-(2-butoxyethoxy)- | 162 | C8H18O3 | 054446-78-5 | 90 |
| 3 | Ethylene glycol monoisobutyl ether | 118 | C6H14O2 | 004439-24-1 | 64 |
| 4 | Ethanol, 2-[2-(2-methylpropoxy)e... | 162 | C8H18O3 | 018912-80-6 | 56 |
| 5 | 3,3-Dimethylbutane-2-ol | 102 | C6H14O | 000464-07-3 | 52 |



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**Instrument :** BNA_M
**ClientSampleId :** MH-D-D

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TIC Integration Parameters: LSCINT.P

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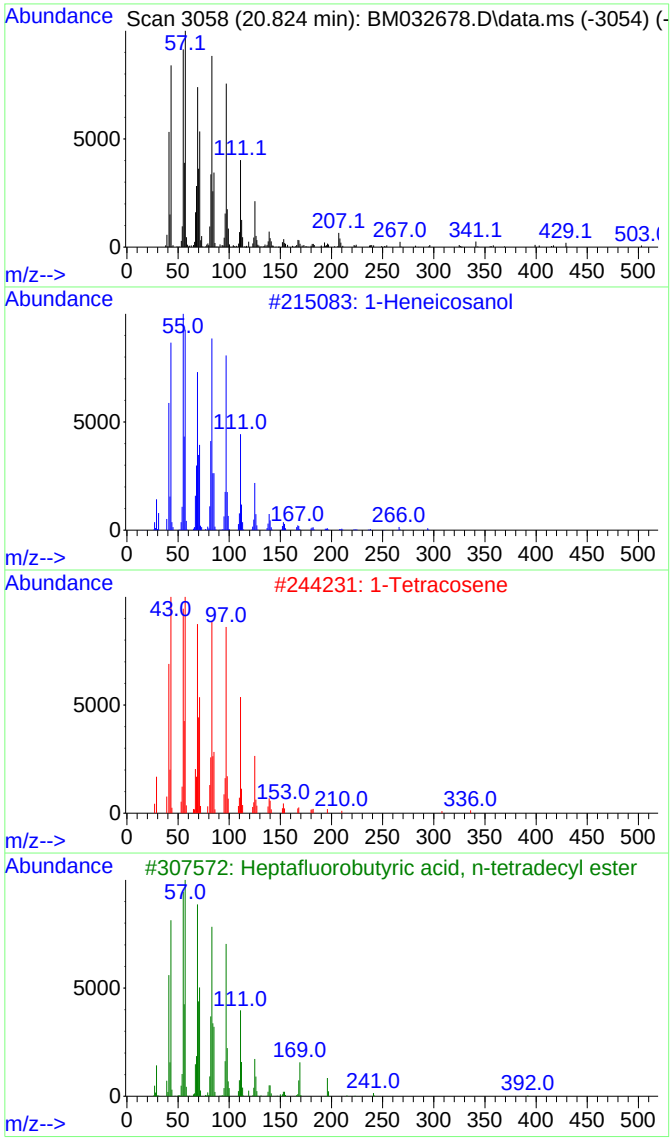
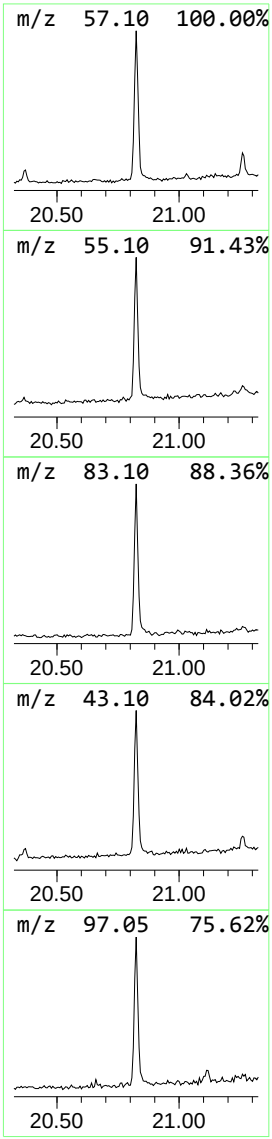
Peak Number 2 1-Heneicosanol Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.824 | 2.98 ng | 279805 | Chrysene-d12 | 21.112 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Heneicosanol | 312 | C21H44O | 015594-90-8 | 95 |
| 2 | 1-Tetracosene | 336 | C24H48 | 010192-32-2 | 95 |
| 3 | Heptafluorobutyric acid, n-tetra... | 410 | C18H29F7O2 | 007365-36-8 | 94 |
| 4 | Trifluoroacetoxy hexadecane | 338 | C18H33F3O2 | 006222-03-3 | 94 |
| 5 | n-Tetracosanol-1 | 354 | C24H50O | 000506-51-4 | 94 |



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ALS Vial : 13 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** MH-D-D

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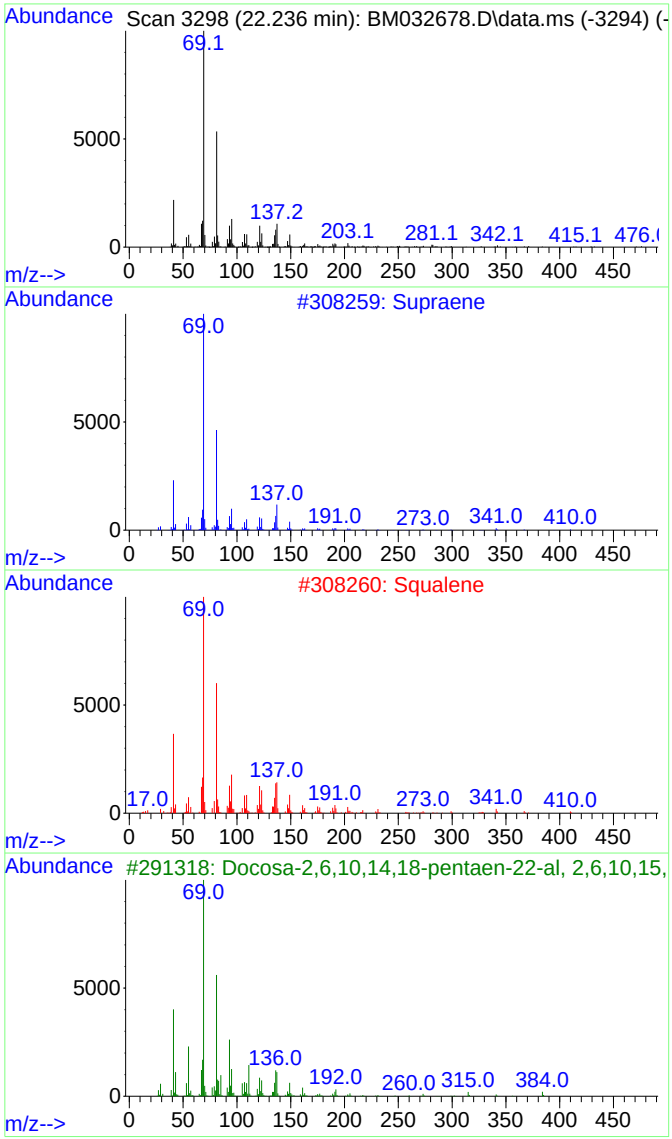
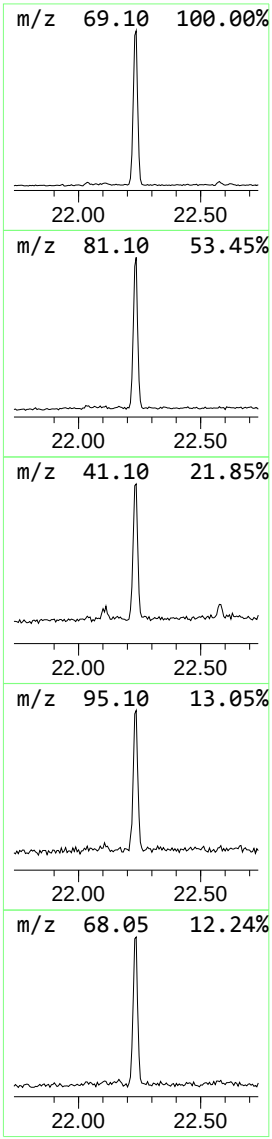
Peak Number 3 Supraene Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 22.236 | 3.81 ng | 371630 | Perylene-d12 | 23.253 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Supraene | 410 | C30H50 | 007683-64-9 | 87 |
| 2 | Squalene | 410 | C30H50 | 000111-02-4 | 80 |
| 3 | Docosa-2,6,10,14,18-pentaen-22-a... | 384 | C27H44O | 1000163-04-7 | 72 |
| 4 | 4,8,12-Tetradecatrienal, 5,9,13-... | 248 | C17H28O | 066408-55-7 | 64 |
| 5 | trans-Farnesol | 222 | C15H26O | 000106-28-5 | 59 |



Tentatively Identified Compound (LSC) summary

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| | | | | | --Internal Standard--- | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| Ethanol, 2-(2-b... | 10.113 | 9.3 | ng | 893301 | 2 | 10.331 | 1913570 | 20.0 |
| 1-Heneicosanol | 20.824 | 3.0 | ng | 279805 | 5 | 21.112 | 1877180 | 20.0 |
| Supraene | 22.236 | 3.8 | ng | 371630 | 6 | 23.253 | 1952050 | 20.0 |