LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021522\
Data File : BP009166.D
Acq On : 15 Feb 2022 21:50
Operator : CG/JU
Sample : N1521-16
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
TP3-B

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-BP020722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP009166.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 4.911 | 322 | 327 | 334 | rBV | 82836 | 137446 | 1.25% | 0.275% |
| 2 | 5.381 | 401 | 407 | 435 | rBV | 2904020 | 4929649 | 45.01% | 9.851% |
| 3 | 6.975 | 671 | 678 | 722 | rBV | 2556043 | 5011281 | 45.75% | 10.014% |
| 4 | 7.781 | 808 | 815 | 833 | rBV | 568264 | 1032133 | 9.42% | 2.062% |
| 5 | 8.946 | 1006 | 1013 | 1042 | rBV | 1634508 | 3259313 | 29.76% | 6.513% |
| 6 | 10.587 | 1284 | 1292 | 1310 | rBV | 590148 | 1270899 | 11.60% | 2.540% |
| 7 | 13.045 | 1703 | 1710 | 1726 | rBV | 4765118 | 7716947 | 70.46% | 15.420% |
| 8 | 14.428 | 1938 | 1945 | 1964 | rBV | 984687 | 1630488 | 14.89% | 3.258% |
| 9 | 15.928 | 2193 | 2200 | 2222 | rBV | 3157453 | 5583980 | 50.98% | 11.158% |
| 10 | 17.192 | 2408 | 2415 | 2432 | rBV | 1082478 | 1897250 | 17.32% | 3.791% |
| 11 | 18.086 | 2562 | 2567 | 2577 | rBV | 245710 | 460786 | 4.21% | 0.921% |
| 12 | 19.322 | 2772 | 2777 | 2789 | rBV | 217466 | 438654 | 4.00% | 0.877% |
| 13 | 19.751 | 2844 | 2850 | 2859 | rBV | 9169505 | 10952757 | 100.00% | 21.886% |
| 14 | 20.992 | 3057 | 3061 | 3071 | rBV | 349001 | 487497 | 4.45% | 0.974% |
| 15 | 21.286 | 3106 | 3111 | 3122 | rBV | 1640836 | 2343716 | 21.40% | 4.683% |
| 16 | 21.421 | 3131 | 3134 | 3140 | rVB2 | 138100 | 150110 | 1.37% | 0.300% |
| 17 | 21.880 | 3209 | 3212 | 3220 | rVB2 | 116300 | 155815 | 1.42% | 0.311% |
| 18 | 23.674 | 3511 | 3517 | 3529 | rVB2 | 1171088 | 2585184 | 23.60% | 5.166% |

Sum of corrected areas: 50043905

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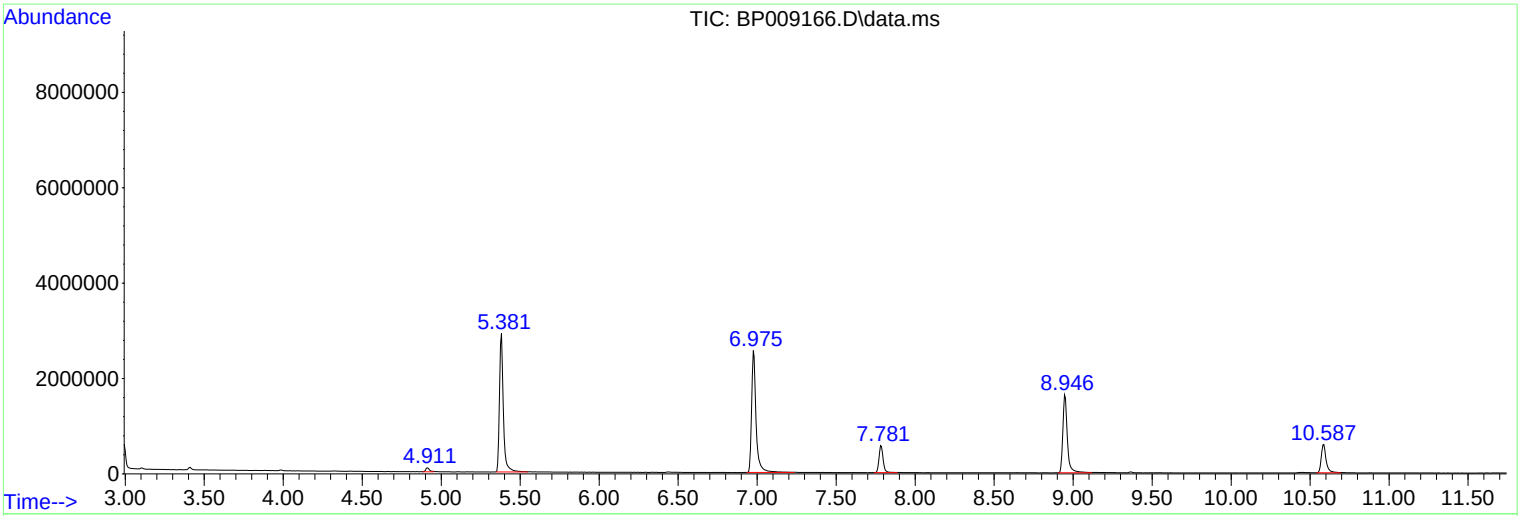
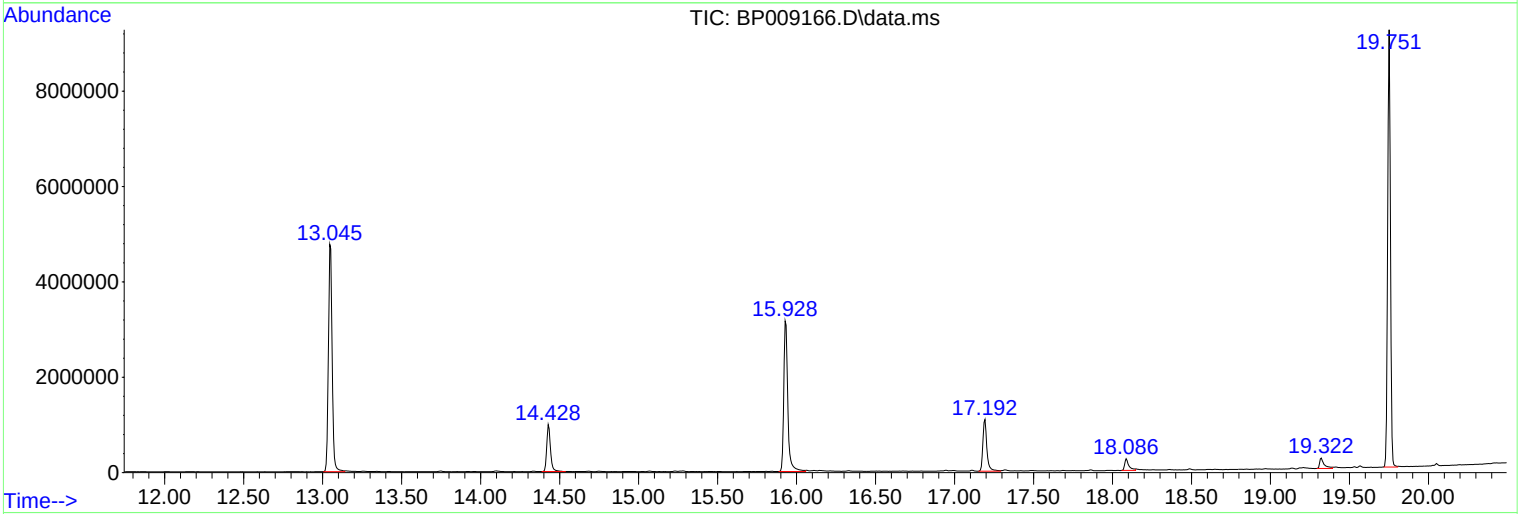
ALS Vial : 17 Sample Multiplier: 1

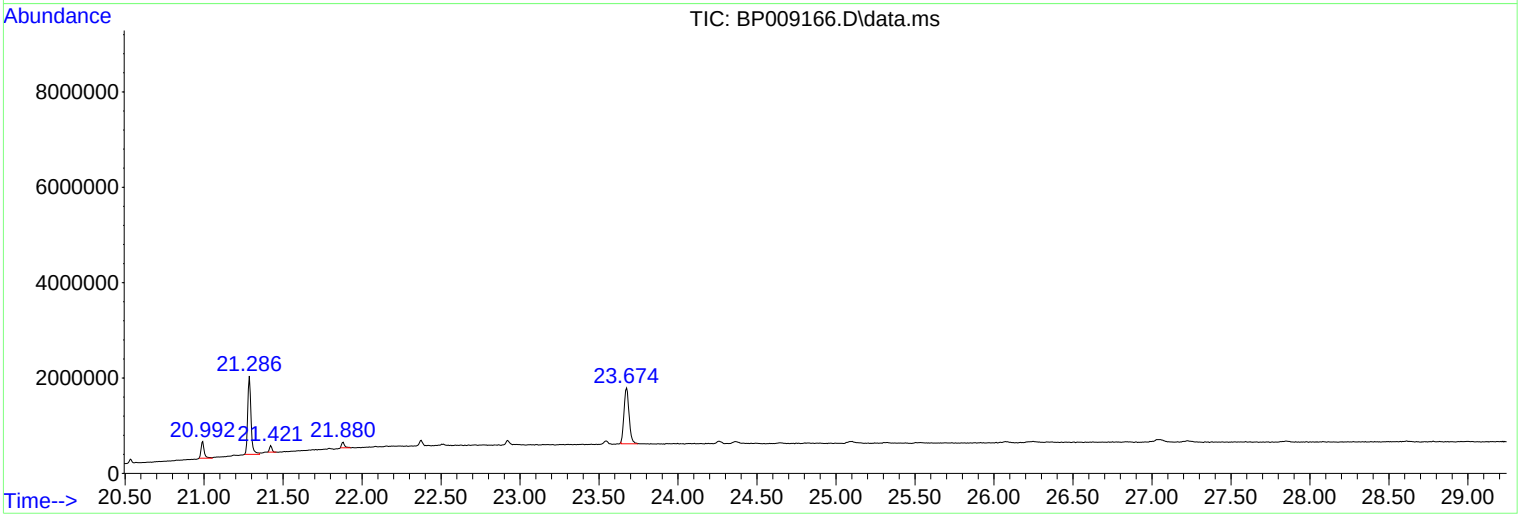
**Instrument :**
BNA_P
**ClientSampleId :**
TP3-B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.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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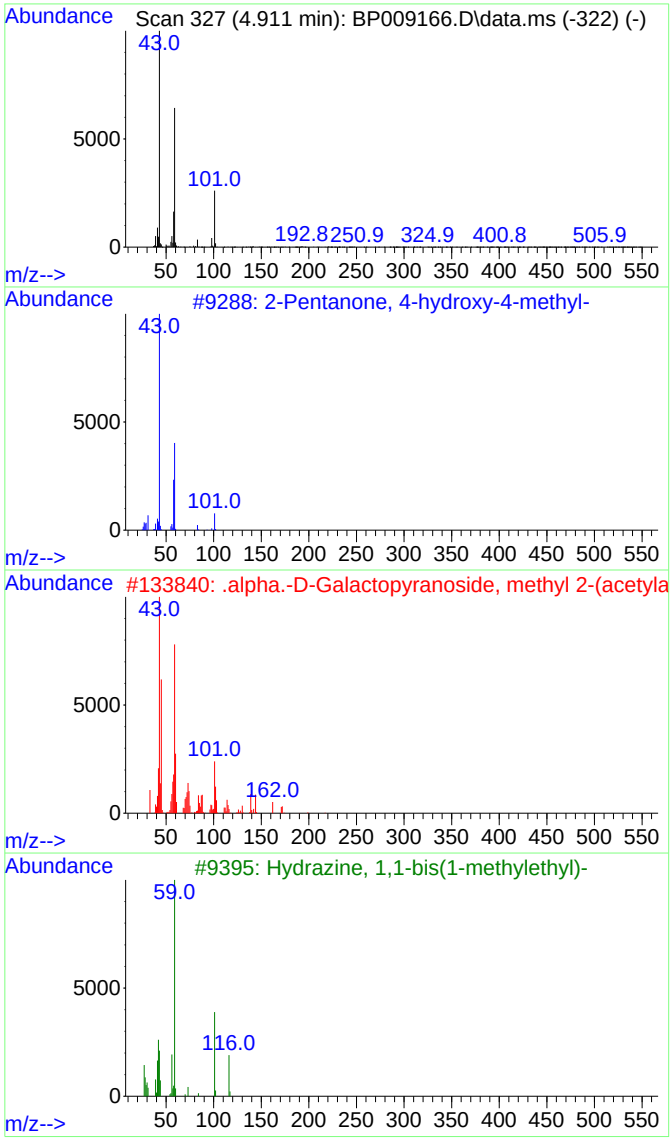
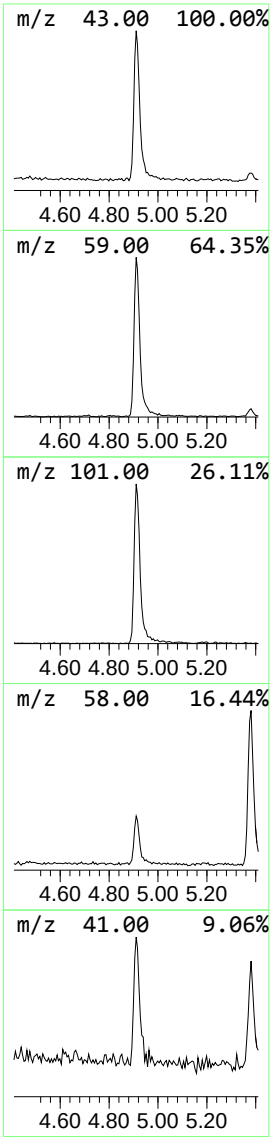
**********
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 4.911 | 2.66 ng | 137446 | 1,4-Dichlorobenzene-d4 | 7.781 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2 | 000123-42-2 | 50 |
| 2 | .alpha.-D-Galactopyranoside, met... | 249 | C10H19NO6 | 017296-07-0 | 36 |
| 3 | Hydrazine, 1,1-bis(1-methylethyl)- | 116 | C6H16N2 | 000921-14-2 | 25 |
| 4 | Acetic acid, cyano-, 1,1-dimethy... | 141 | C7H11NO2 | 001116-98-9 | 17 |
| 5 | 1-Cyclohexylethanol, methyl ether | 142 | C9H18O | 1000365-12-8 | 9 |



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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

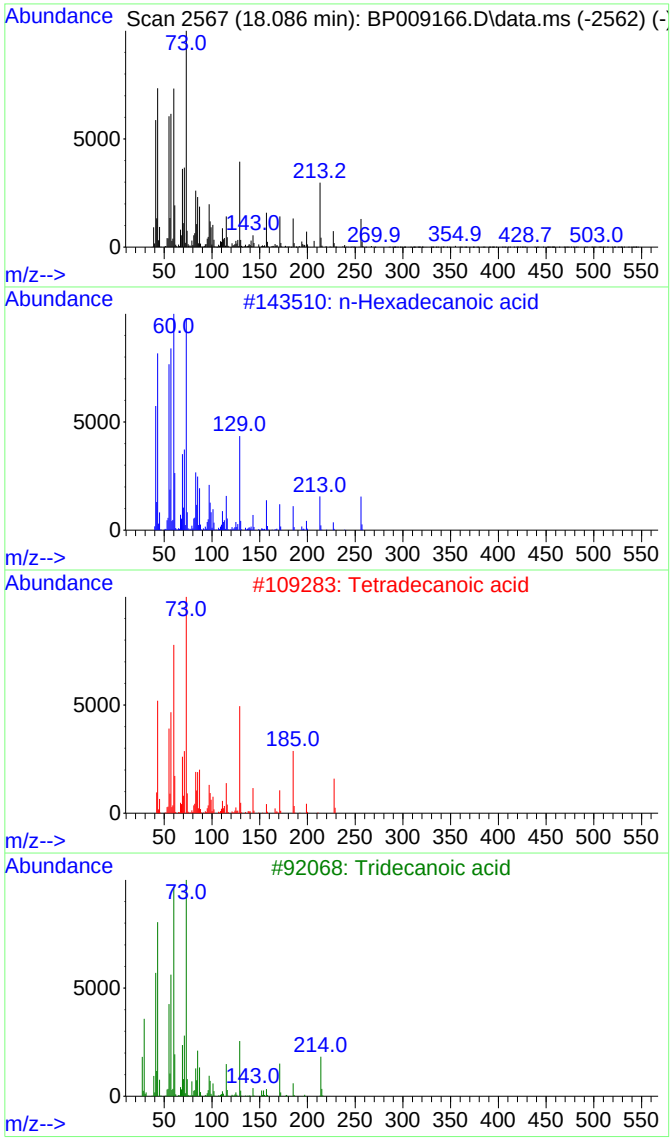
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

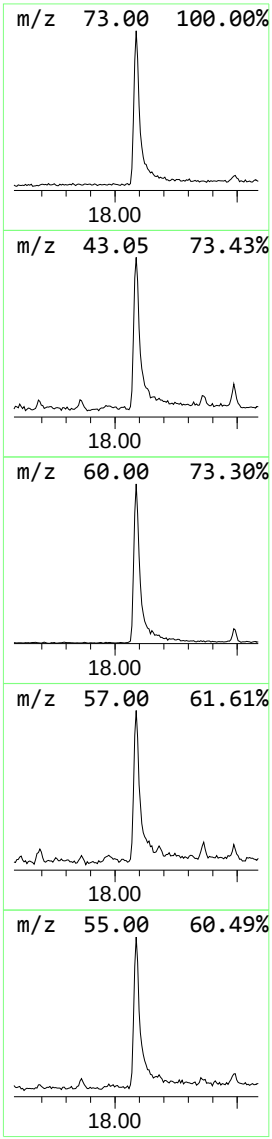
**********

Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.086 | 4.86 ng | 460786 | Phenanthrene-d10 | 17.192 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 99 |
| 2 | Tetradecanoic acid | 228 | C14H28O2 | 000544-63-8 | 90 |
| 3 | Tridecanoic acid | 214 | C13H26O2 | 000638-53-9 | 89 |
| 4 | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 87 |
| 5 | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 87 |



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Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
TP3-B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
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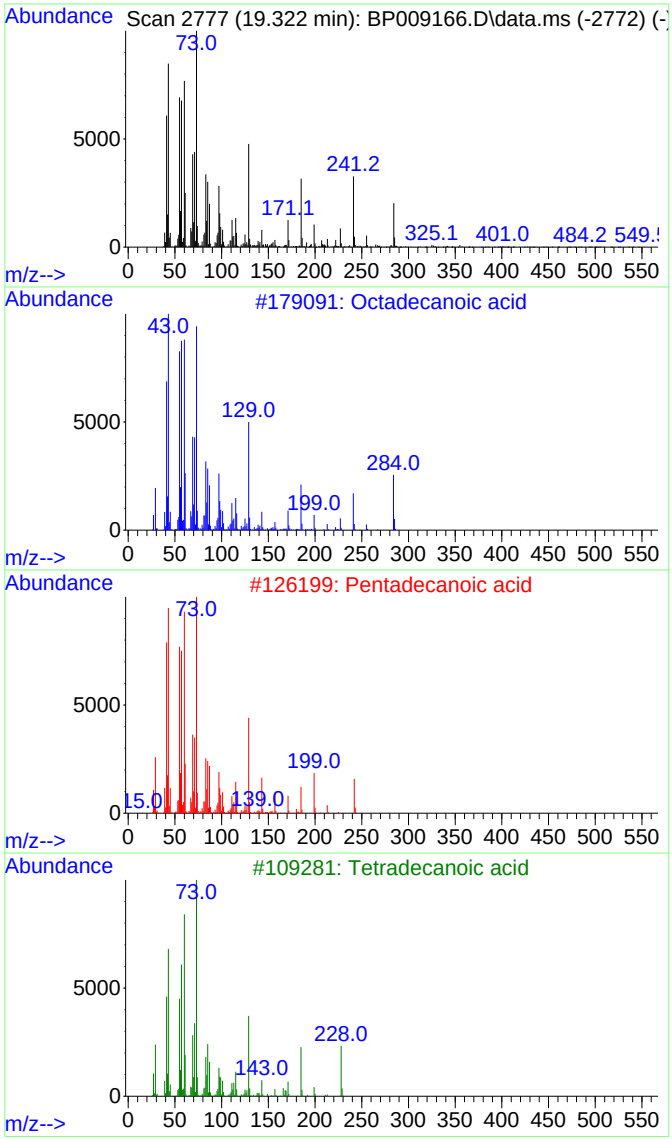
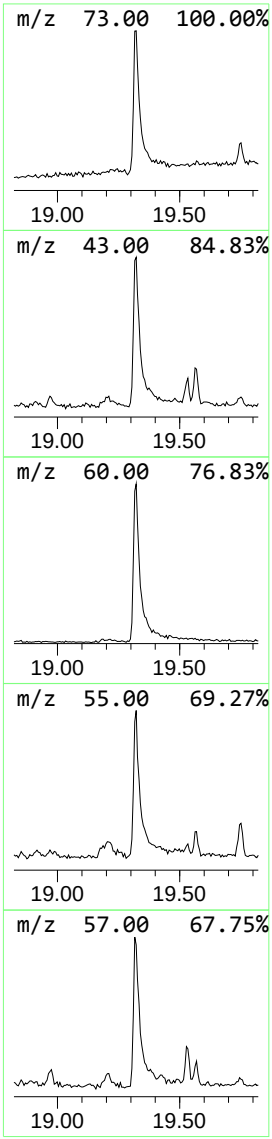
Peak Number 3 Octadecanoic acid Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.322 | 3.74 ng | 438654 | Chrysene-d12 | 21.286 |

| 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 | 90 |
| 3 | Tetradecanoic acid | 228 | C14H28O2 | 000544-63-8 | 74 |
| 4 | Octadecanoic acid, 2-(2-hydroxye... | 372 | C22H44O4 | 000106-11-6 | 70 |
| 5 | n-Decanoic acid | 172 | C10H20O2 | 000334-48-5 | 64 |



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BNA_P
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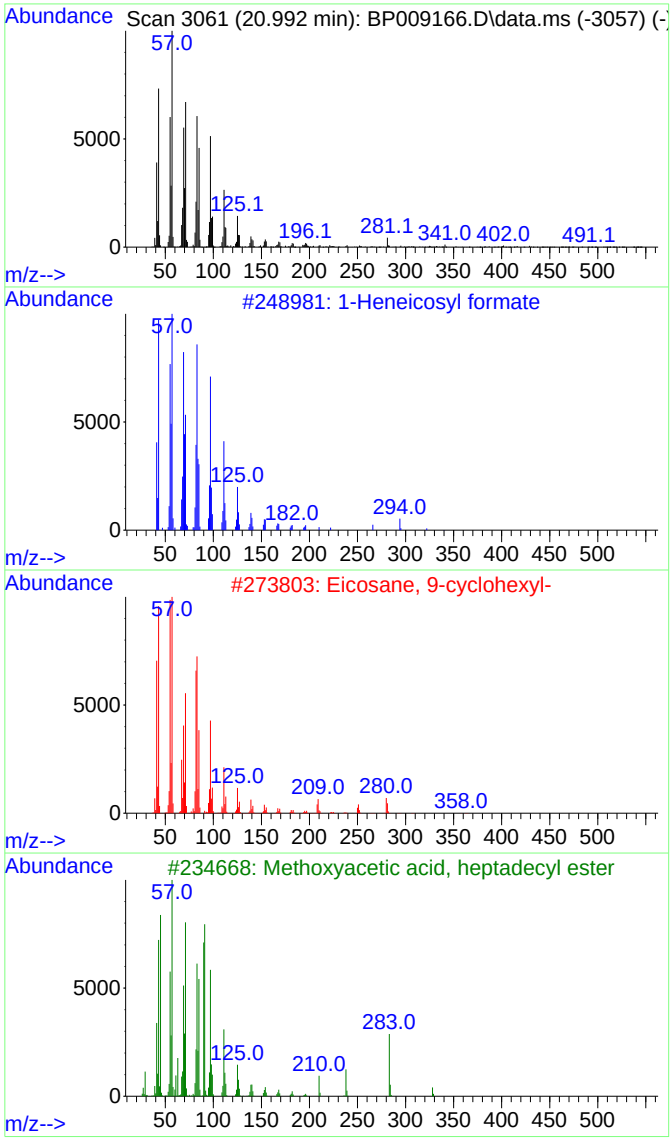
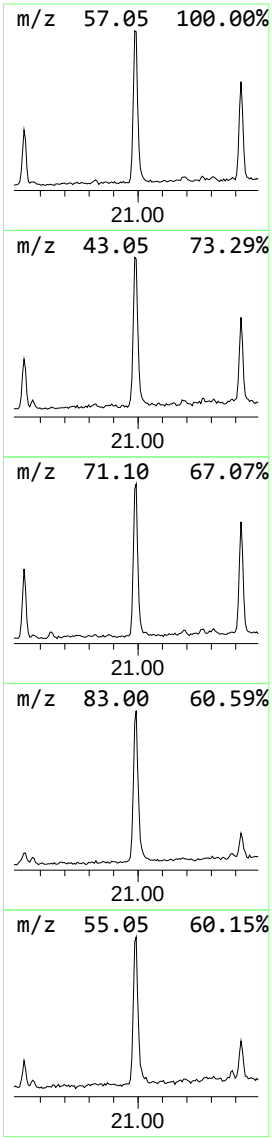
**********

Peak Number 4 1-Heneicosyl formate Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.992 | 4.16 ng | 487497 | Chrysene-d12 | 21.286 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Heneicosyl formate | 340 | C22H44O2 | 077899-03-7 | 94 |
| 2 | Eicosane, 9-cyclohexyl- | 364 | C26H52 | 004443-61-2 | 93 |
| 3 | Methoxyacetic acid, heptadecyl e... | 328 | C20H40O3 | 1000282-99-1 | 91 |
| 4 | Pentadecafluorooctanoic acid, oc... | 666 | C26H37F15O2 | 1000406-04-8 | 91 |
| 5 | Triacontyl acetate | 480 | C32H64O2 | 041755-58-2 | 91 |



Tentatively Identified Compound (LSC) summary

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

| | | | | | --Internal Standard--- | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| 2-Pentanone, 4-... | 4.911 | 2.7 | ng | 137446 | 1 | 7.781 | 1032130 | 20.0 |
| n-Hexadecanoic ... | 18.086 | 4.9 | ng | 460786 | 4 | 17.192 | 1897250 | 20.0 |
| Octadecanoic acid | 19.322 | 3.7 | ng | 438654 | 5 | 21.286 | 2343720 | 20.0 |
| 1-Heneicosyl fo... | 20.992 | 4.2 | ng | 487497 | 5 | 21.286 | 2343720 | 20.0 |