LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052522\
Data File : BM035252.D
Acq On : 25 May 2022 21:34
Operator : CG/JU
Sample : N2893-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
P004-SS002-2430-01

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-BM042722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM035252.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.469 | 398 | 405 | 419 | rBV | 1387845 | 2053614 | 45.00% | 8.708% |
| 2 | 7.057 | 668 | 675 | 691 | rBV | 1297521 | 2124392 | 46.55% | 9.008% |
| 3 | 7.887 | 809 | 816 | 825 | rBV | 396272 | 625107 | 13.70% | 2.651% |
| 4 | 9.045 | 1006 | 1013 | 1025 | rBV | 817614 | 1351151 | 29.61% | 5.729% |
| 5 | 10.686 | 1284 | 1292 | 1303 | rBV | 483836 | 831345 | 18.22% | 3.525% |
| 6 | 13.151 | 1703 | 1711 | 1726 | rBV | 2064150 | 2988566 | 65.48% | 12.672% |
| 7 | 14.521 | 1938 | 1944 | 1952 | rBV | 733139 | 1100353 | 24.11% | 4.666% |
| 8 | 16.010 | 2191 | 2197 | 2212 | rBV | 1648108 | 2386125 | 52.28% | 10.118% |
| 9 | 17.268 | 2404 | 2411 | 2417 | rBV | 915106 | 1322063 | 28.97% | 5.606% |
| 10 | 18.168 | 2559 | 2564 | 2575 | rBV | 233722 | 381282 | 8.35% | 1.617% |
| 11 | 19.451 | 2777 | 2782 | 2791 | rBV | 114317 | 180990 | 3.97% | 0.767% |
| 12 | 19.892 | 2852 | 2857 | 2863 | rBV | 3752864 | 4563775 | 100.00% | 19.352% |
| 13 | 21.174 | 3071 | 3075 | 3085 | rBV2 | 259412 | 356147 | 7.80% | 1.510% |
| 14 | 21.368 | 3106 | 3108 | 3113 | rVB | 60391 | 64290 | 1.41% | 0.273% |
| 15 | 21.450 | 3117 | 3122 | 3134 | rBV | 1237671 | 1648658 | 36.12% | 6.991% |
| 16 | 23.827 | 3520 | 3526 | 3535 | rVB2 | 808531 | 1605292 | 35.17% | 6.807% |

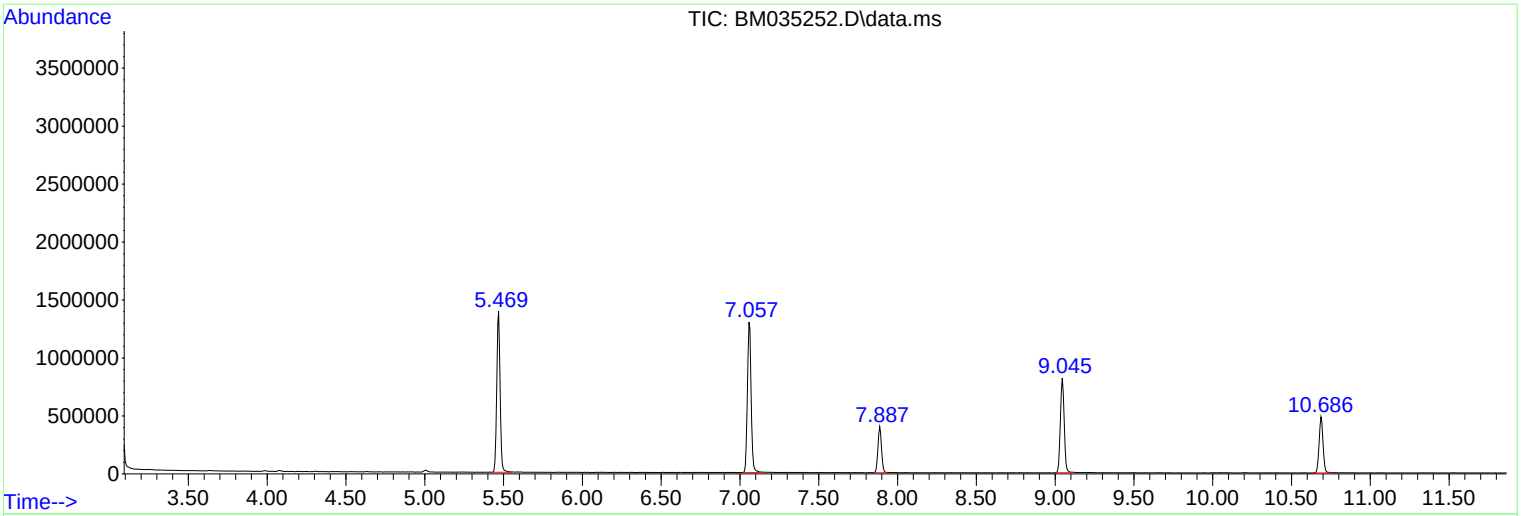
Sum of corrected areas: 23583150

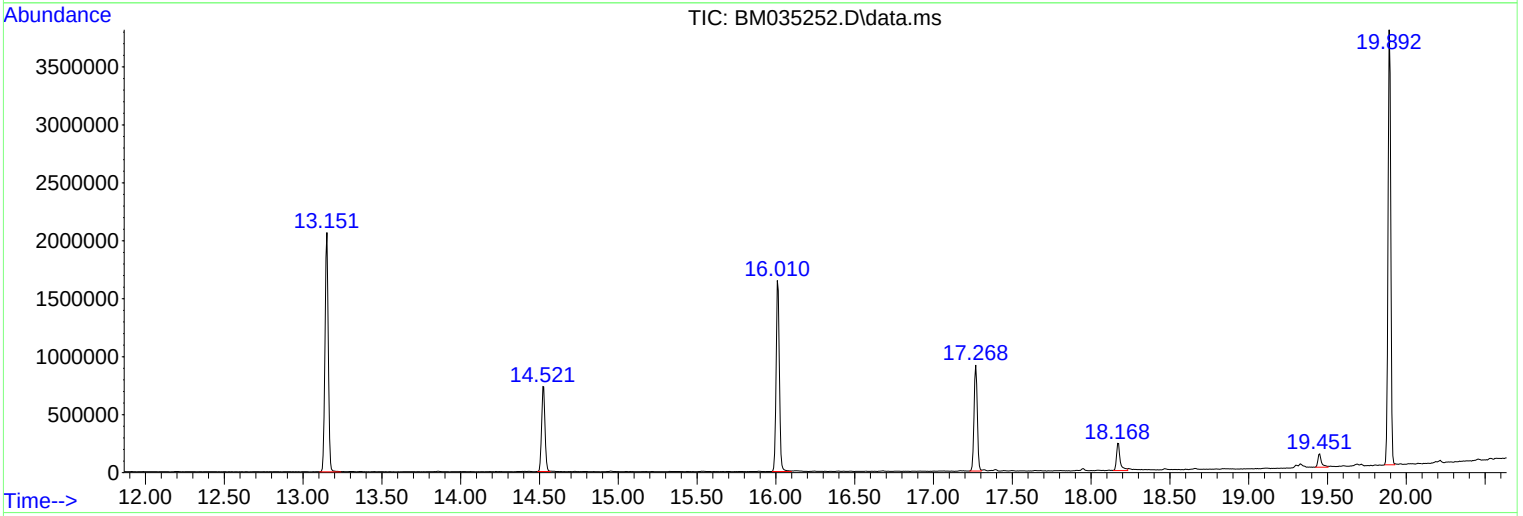
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052522\
Data File : BM035252.D
Acq On : 25 May 2022 21:34
Operator : CG/JU
Sample : N2893-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

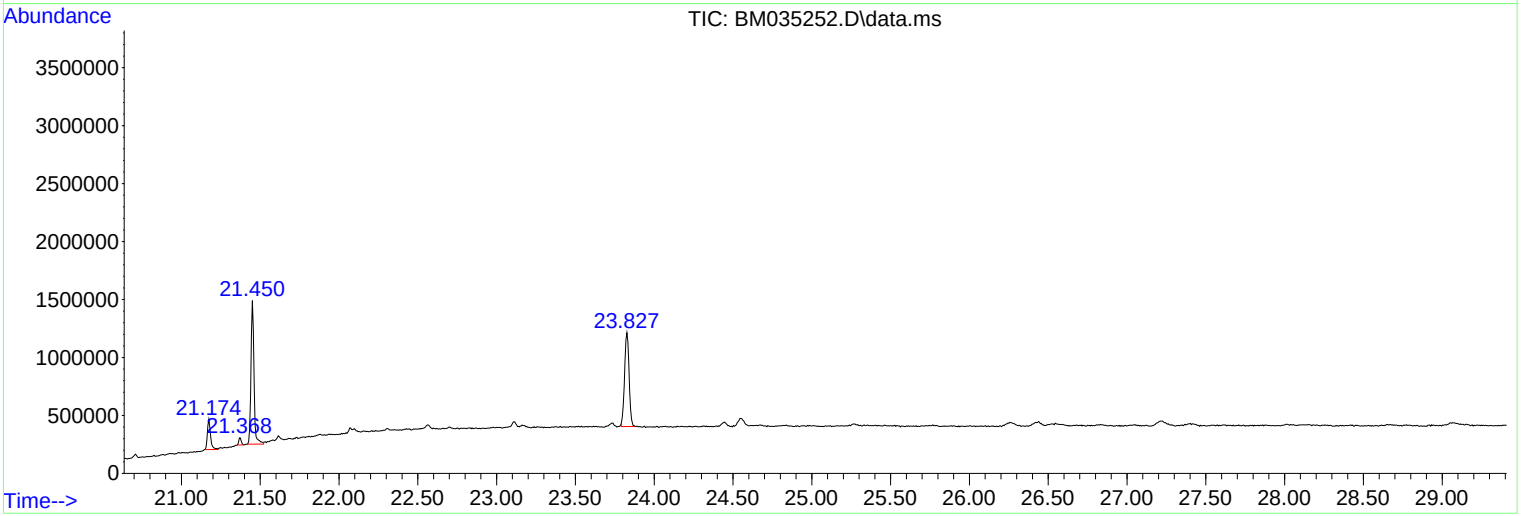
**Instrument :**
BNA_M
**ClientSampleId :**
P004-SS002-2430-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052522\
Data File : BM035252.D
Acq On : 25 May 2022 21:34
Operator : CG/JU
Sample : N2893-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
P004-SS002-2430-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

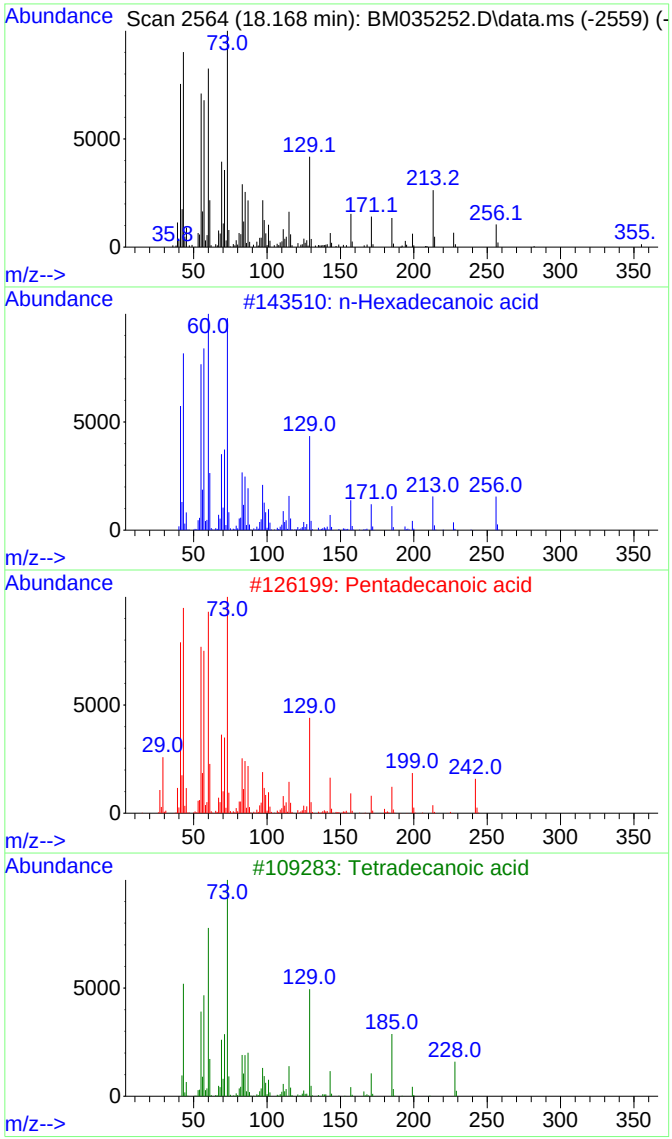
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

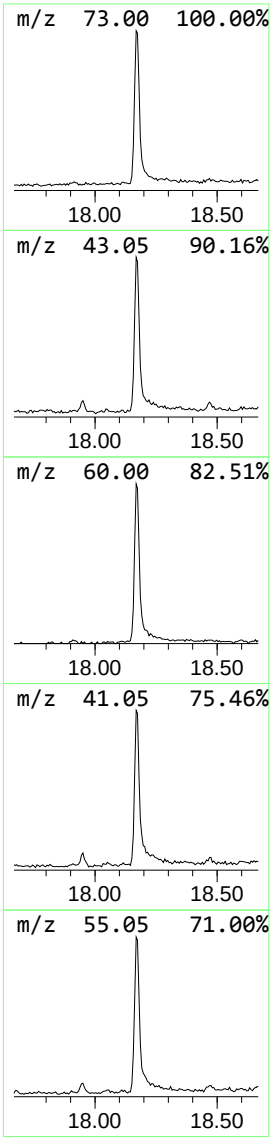
**********

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.168 | 5.77 ng | 381282 | Phenanthrene-d10 | 17.268 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 99 |
| 2 | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 91 |
| 3 | Tetradecanoic acid | 228 | C14H28O2 | 000544-63-8 | 90 |
| 4 | Tridecanoic acid | 214 | C13H26O2 | 000638-53-9 | 80 |
| 5 | Undecanoic acid | 186 | C11H22O2 | 000112-37-8 | 72 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052522\
Data File : BM035252.D
Acq On : 25 May 2022 21:34
Operator : CG/JU
Sample : N2893-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
P004-SS002-2430-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

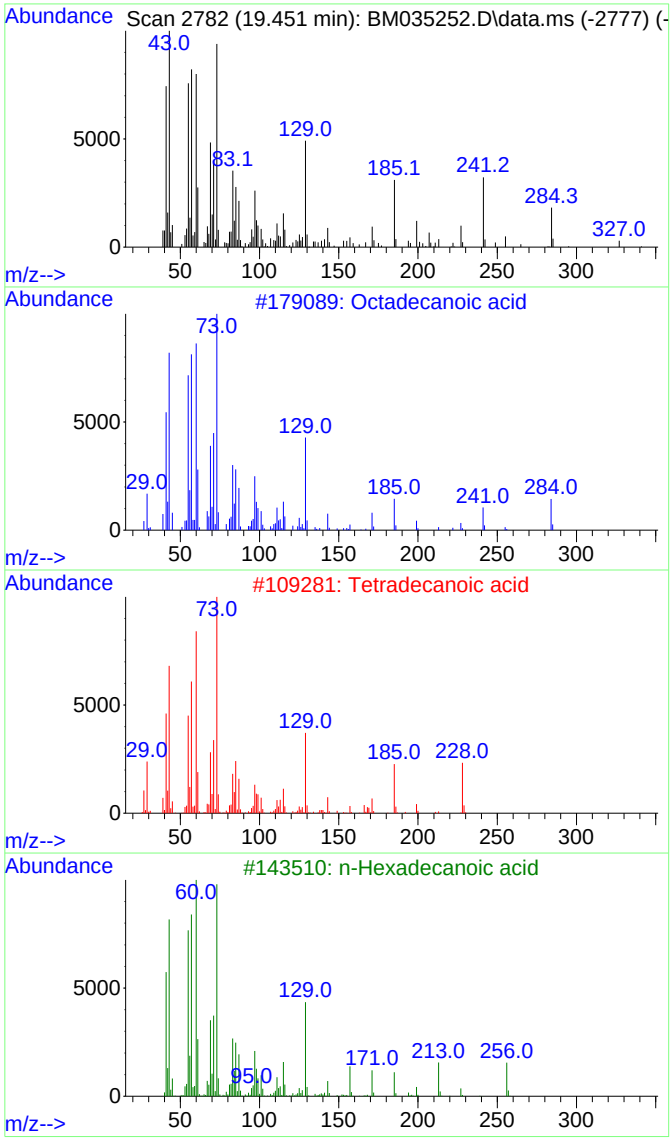
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

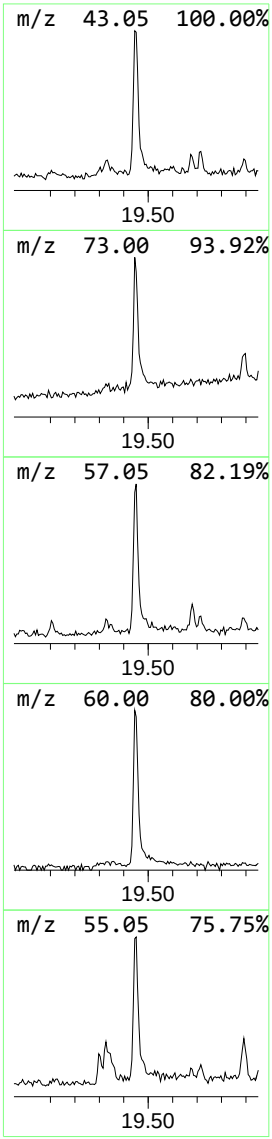
**********

Peak Number 2 Octadecanoic acid Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.451 | 2.20 ng | 180990 | Chrysene-d12 | 21.450 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 99 |
| 2 | Tetradecanoic acid | 228 | C14H28O2 | 000544-63-8 | 83 |
| 3 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 74 |
| 4 | Tridecanoic acid | 214 | C13H26O2 | 000638-53-9 | 72 |
| 5 | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 64 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052522\
Data File : BM035252.D
Acq On : 25 May 2022 21:34
Operator : CG/JU
Sample : N2893-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
P004-SS002-2430-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

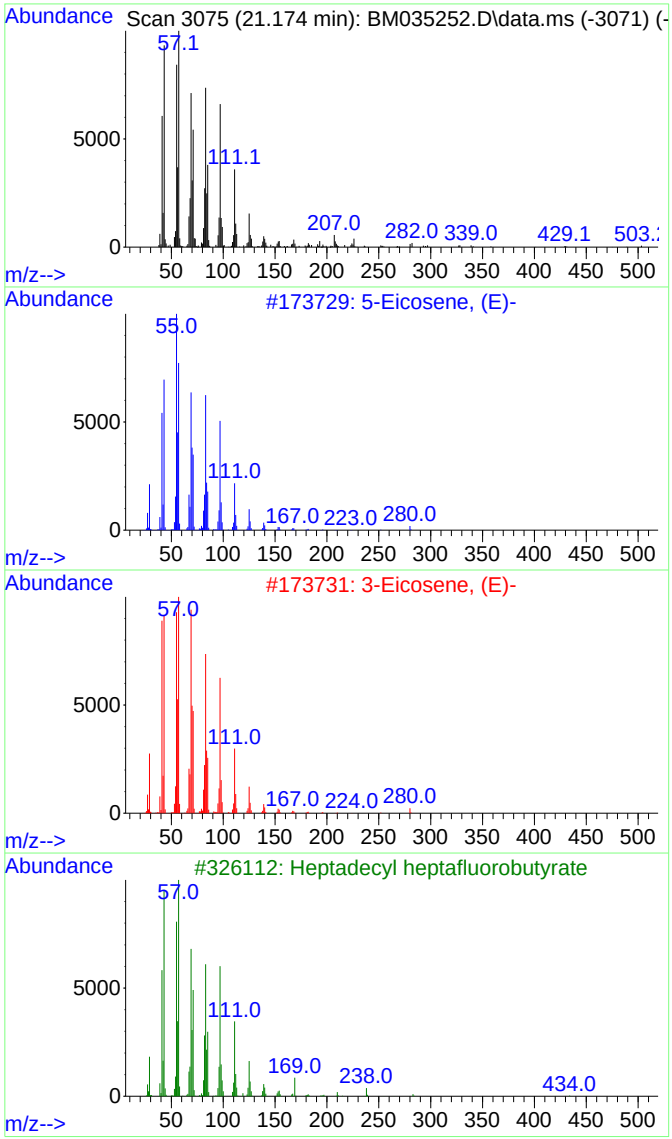
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

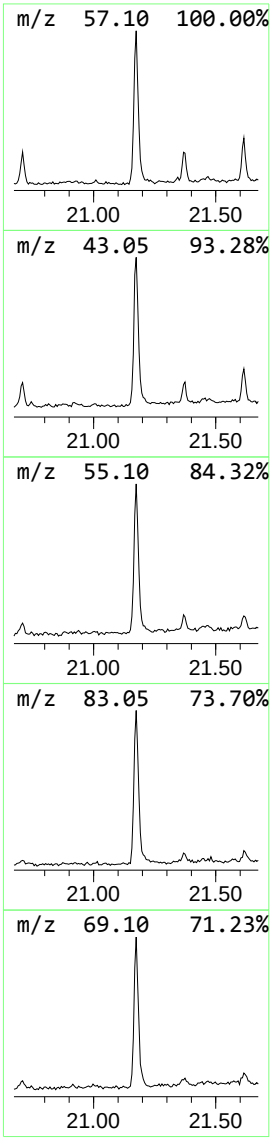
**********

Peak Number 3 5-Eicosene, (E)- Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.174 | 4.32 ng | 356147 | Chrysene-d12 | 21.450 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 5-Eicosene, (E)- | 280 | C20H40 | 074685-30-6 | 96 |
| 2 | 3-Eicosene, (E)- | 280 | C20H40 | 074685-33-9 | 95 |
| 3 | Heptadecyl heptafluorobutyrate | 452 | C21H35F7O2 | 959085-66-6 | 94 |
| 4 | Heptafluorobutyric acid, n-octad... | 466 | C22H37F7O2 | 000400-57-7 | 94 |
| 5 | 1-Heneicosanol | 312 | C21H44O | 015594-90-8 | 93 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052522\
Data File : BM035252.D
Acq On : 25 May 2022 21:34
Operator : CG/JU
Sample : N2893-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
P004-SS002-2430-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

| | | | | | --Internal Standard--- | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| n-Hexadecanoic ... | 18.168 | 5.8 | ng | 381282 | 4 | 17.268 | 1322060 | 20.0 |
| Octadecanoic acid | 19.451 | 2.2 | ng | 180990 | 5 | 21.450 | 1648660 | 20.0 |
| 5-Eicosene, (E)- | 21.174 | 4.3 | ng | 356147 | 5 | 21.450 | 1648660 | 20.0 |