LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052522\
Data File : BF128466.D
Acq On : 25 May 2022 18:21
Operator : CG\JU
Sample : N2896-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
P038-SS001-0612-01

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_F\Methods\8270-BF052022.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF128466.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.046 | 465 | 469 | 478 | rBV | 20680 | 27238 | 1.45% | 0.216% |
| 2 | 5.446 | 533 | 537 | 562 | rBV | 1837898 | 1835947 | 97.67% | 14.539% |
| 3 | 6.463 | 707 | 710 | 724 | rBV | 1584537 | 1822018 | 96.93% | 14.429% |
| 4 | 6.557 | 724 | 726 | 736 | rVB | 21041 | 27553 | 1.47% | 0.218% |
| 5 | 6.810 | 766 | 769 | 779 | rBV | 640755 | 509171 | 27.09% | 4.032% |
| 6 | 7.381 | 861 | 866 | 869 | rBV | 1331901 | 1156372 | 61.52% | 9.158% |
| 7 | 8.092 | 983 | 987 | 991 | rBV | 732081 | 599405 | 31.89% | 4.747% |
| 8 | 9.169 | 1165 | 1170 | 1173 | rBV | 2293935 | 1879804 | 100.00% | 14.887% |
| 9 | 9.275 | 1185 | 1188 | 1192 | rVB2 | 52313 | 43517 | 2.31% | 0.345% |
| 10 | 9.851 | 1282 | 1286 | 1289 | rBV | 739368 | 593155 | 31.55% | 4.697% |
| 11 | 10.645 | 1417 | 1421 | 1429 | rBV | 1059267 | 926908 | 49.31% | 7.340% |
| 12 | 11.057 | 1489 | 1491 | 1495 | rVB2 | 30692 | 25725 | 1.37% | 0.204% |
| 13 | 11.345 | 1536 | 1540 | 1543 | rBV | 612727 | 537230 | 28.58% | 4.254% |
| 14 | 11.863 | 1625 | 1628 | 1639 | rBV2 | 111106 | 153483 | 8.16% | 1.215% |
| 15 | 12.816 | 1787 | 1790 | 1794 | rBV3 | 28861 | 43332 | 2.31% | 0.343% |
| 16 | 12.927 | 1805 | 1809 | 1813 | rBV | 1668747 | 1522315 | 80.98% | 12.056% |
| 17 | 13.839 | 1961 | 1964 | 1974 | rVB3 | 91844 | 153614 | 8.17% | 1.217% |
| 18 | 13.992 | 1987 | 1990 | 1994 | rBV | 496993 | 447240 | 23.79% | 3.542% |
| 19 | 15.468 | 2237 | 2241 | 2245 | rVB | 256193 | 323431 | 17.21% | 2.561% |

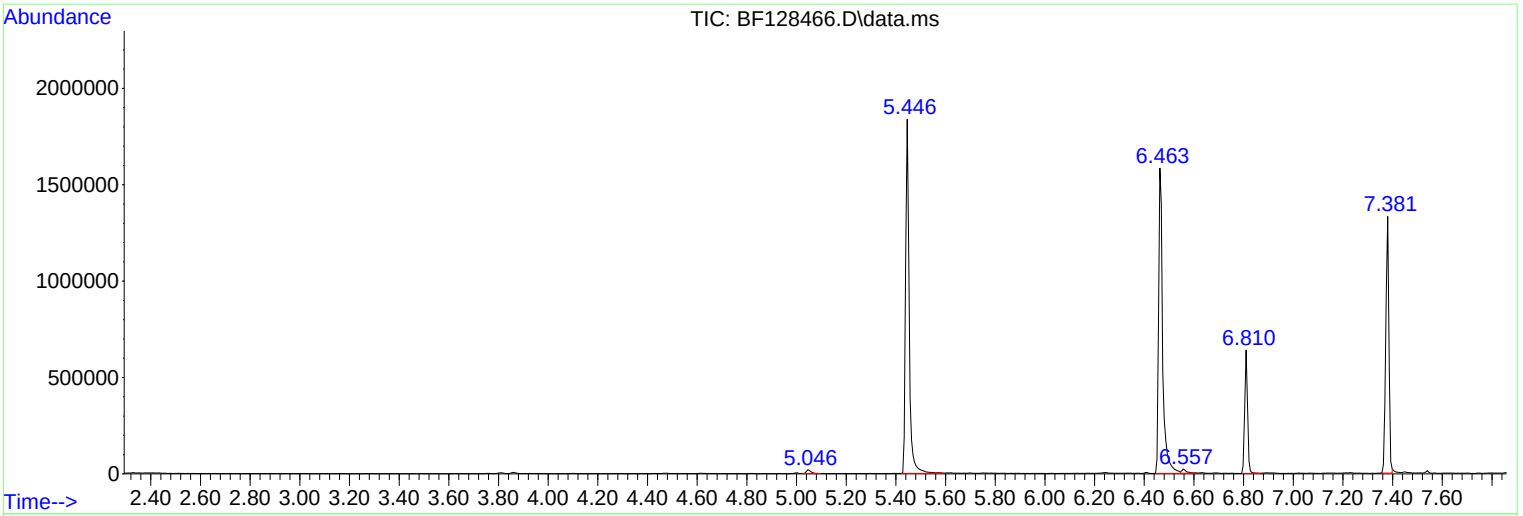
Sum of corrected areas: 12627458

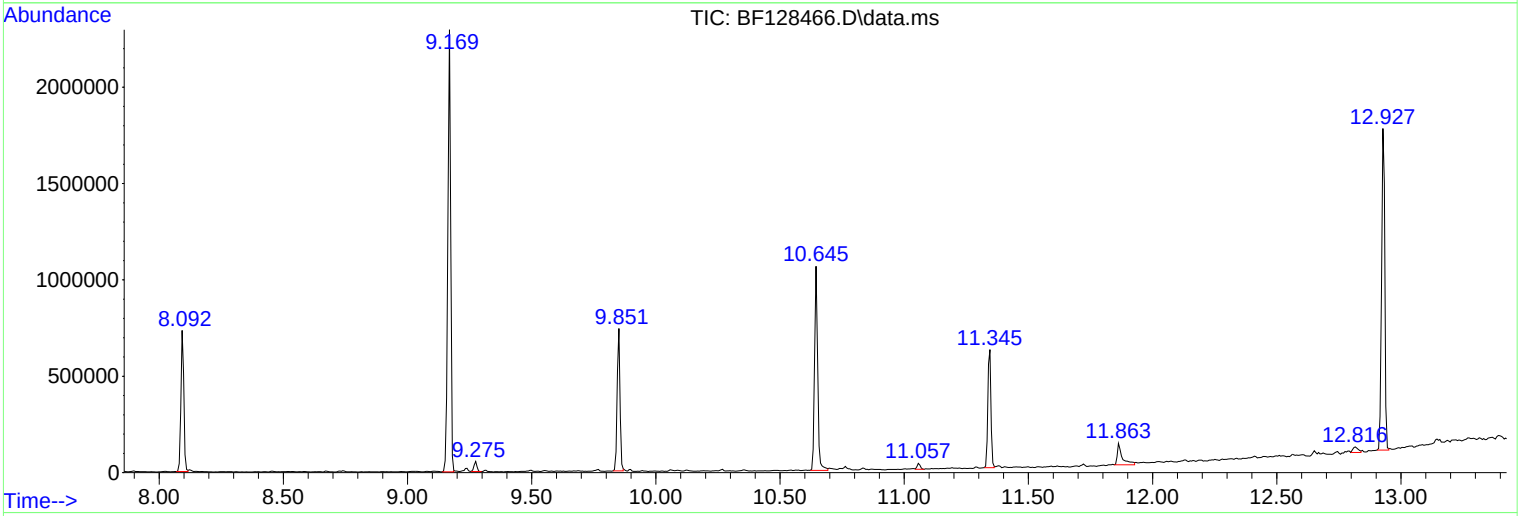
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052522\
Data File : BF128466.D
Acq On : 25 May 2022 18:21
Operator : CG\JU
Sample : N2896-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

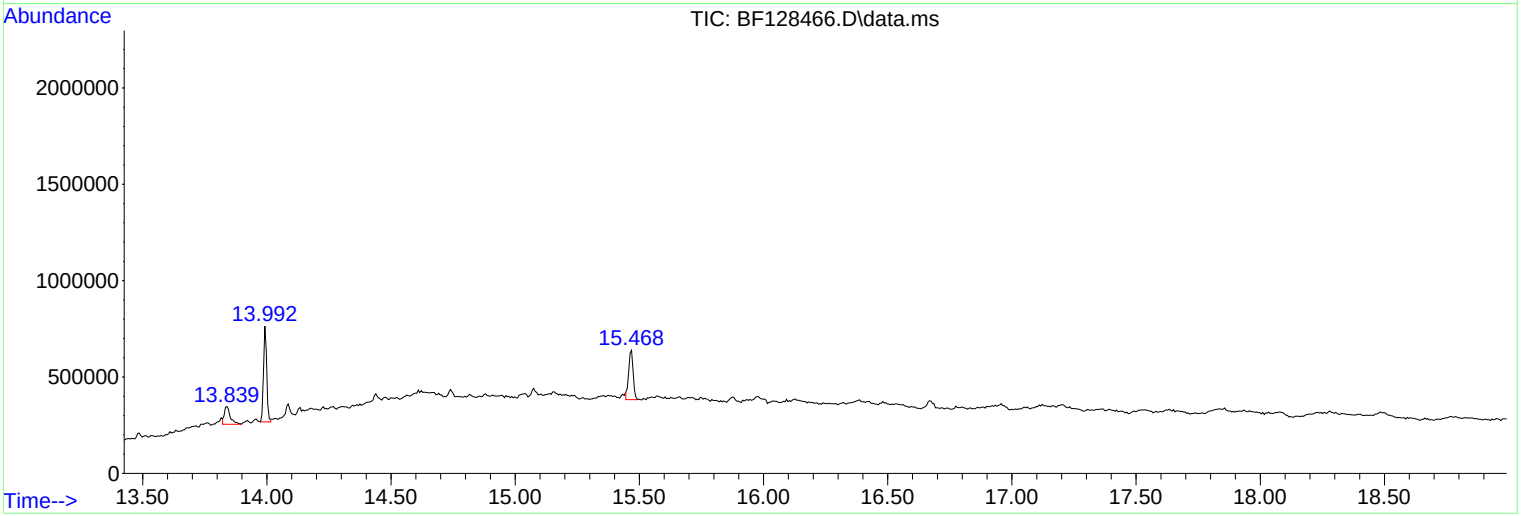
**Instrument :**
BNA_F
**ClientSampleId :**
P038-SS001-0612-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052022.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_F\Data\BF052522\
Data File : BF128466.D
Acq On : 25 May 2022 18:21
Operator : CG\JU
Sample : N2896-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
P038-SS001-0612-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

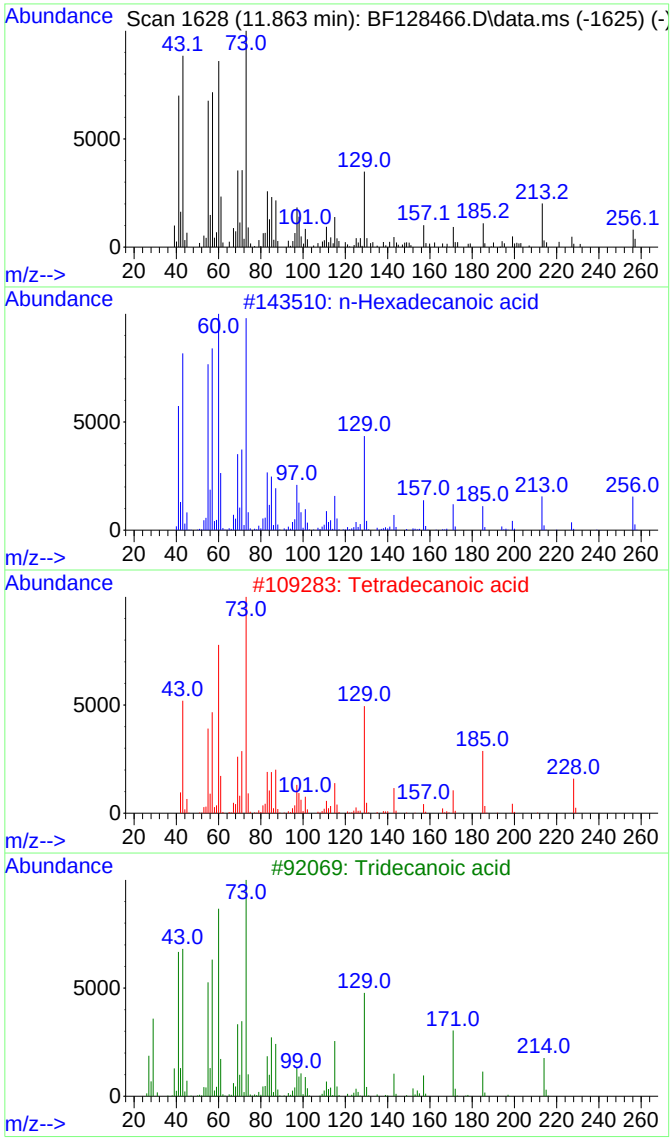
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

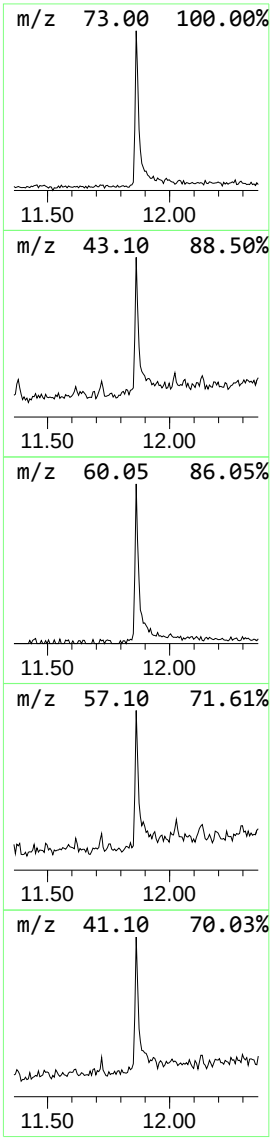
**********

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.863 | 5.71 ng | 153483 | Phenanthrene-d10 | 11.345 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 98 |
| 2 | Tetradecanoic acid | 228 | C14H28O2 | 000544-63-8 | 93 |
| 3 | Tridecanoic acid | 214 | C13H26O2 | 000638-53-9 | 87 |
| 4 | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 87 |
| 5 | n-Decanoic acid | 172 | C10H20O2 | 000334-48-5 | 47 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052522\
Data File : BF128466.D
Acq On : 25 May 2022 18:21
Operator : CG\JU
Sample : N2896-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
P038-SS001-0612-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

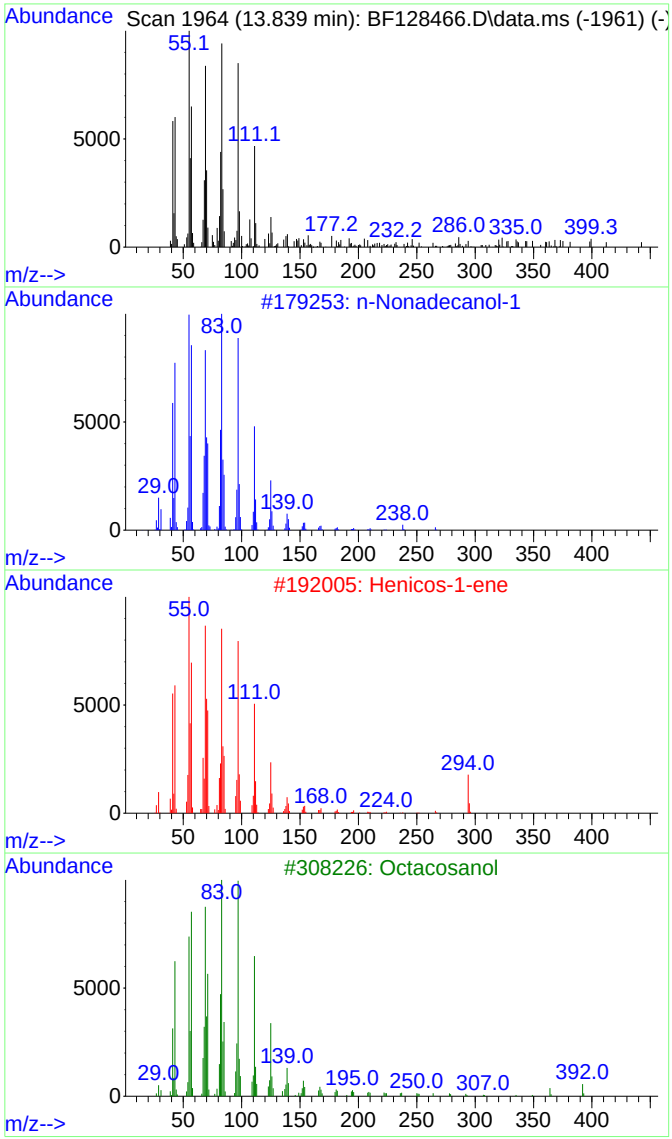
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

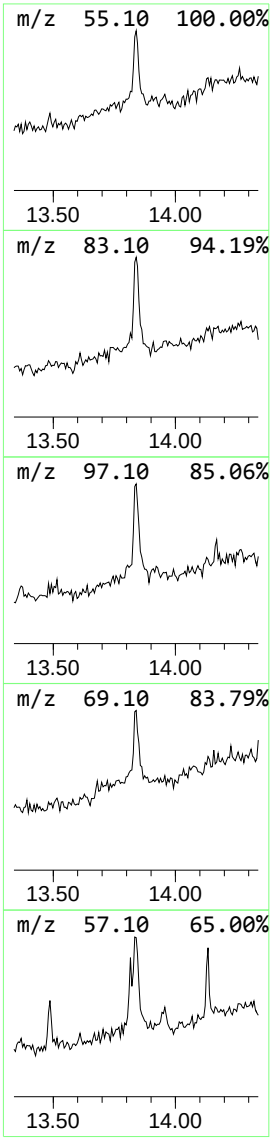
**********

Peak Number 2 n-Nonadecanol-1 Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.839 | 6.87 ng | 153614 | Chrysene-d12 | 13.992 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | n-Nonadecanol-1 | 284 | C19H40O | 001454-84-8 | 90 |
| 2 | Henicos-1-ene | 294 | C21H42 | 001599-68-4 | 87 |
| 3 | Octacosanol | 410 | C28H58O | 000557-61-9 | 87 |
| 4 | 1-Tetracosene | 336 | C24H48 | 010192-32-2 | 83 |
| 5 | 1-Hexadecanol | 242 | C16H34O | 036653-82-4 | 81 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052522\
Data File : BF128466.D
Acq On : 25 May 2022 18:21
Operator : CG\JU
Sample : N2896-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
P038-SS001-0612-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052022.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 ... | 11.863 | 5.7 | ng | 153483 | 4 | 11.345 | 537230 | 20.0 |
| n-Nonadecanol-1 | 13.839 | 6.9 | ng | 153614 | 5 | 13.992 | 447240 | 20.0 |