LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042723\
Data File : BF133097.D
Acq On : 27 Apr 2023 13:49
Operator : CG\JU
Sample : 02448-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
20230345-COMP-23

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-BF042123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF133097.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 4.304 | 370 | 377 | 384 | rVB | 94843 | 117534 | 2.14% | 0.287% |
| 2 | 4.945 | 480 | 486 | 498 | rVB | 993984 | 1407955 | 25.59% | 3.442% |
| 3 | 5.357 | 551 | 556 | 559 | rBV | 4587369 | 4909759 | 89.24% | 12.001% |
| 4 | 5.745 | 618 | 622 | 626 | rVB | 95015 | 76901 | 1.40% | 0.188% |
| 5 | 6.375 | 723 | 729 | 732 | rBV | 4171699 | 5101408 | 92.72% | 12.470% |
| 6 | 6.734 | 786 | 790 | 793 | rBV | 1640280 | 1258612 | 22.88% | 3.077% |
| 7 | 7.298 | 880 | 886 | 889 | rBV | 3074241 | 3261128 | 59.27% | 7.971% |
| 8 | 8.016 | 1003 | 1008 | 1012 | rBV | 2033918 | 1774510 | 32.25% | 4.338% |
| 9 | 9.098 | 1185 | 1192 | 1195 | rBV | 5993619 | 5501857 | 100.00% | 13.449% |
| 10 | 9.769 | 1300 | 1306 | 1309 | rBV | 2529426 | 2028012 | 36.86% | 4.957% |
| 11 | 10.480 | 1422 | 1427 | 1431 | rBV | 262379 | 225317 | 4.10% | 0.551% |
| 12 | 10.557 | 1434 | 1440 | 1443 | rBV | 3624601 | 3630890 | 65.99% | 8.875% |
| 13 | 11.251 | 1554 | 1558 | 1561 | rBV | 2509212 | 2020667 | 36.73% | 4.939% |
| 14 | 11.786 | 1644 | 1649 | 1658 | rBV | 531282 | 542684 | 9.86% | 1.327% |
| 15 | 12.568 | 1779 | 1782 | 1787 | rBV2 | 83531 | 87832 | 1.60% | 0.215% |
| 16 | 12.839 | 1824 | 1828 | 1832 | rVB | 5212301 | 5271595 | 95.81% | 12.886% |
| 17 | 13.886 | 1994 | 2006 | 2009 | rBV | 1880537 | 1831735 | 33.29% | 4.477% |
| 18 | 14.668 | 2136 | 2139 | 2144 | rVB | 61255 | 69310 | 1.26% | 0.169% |
| 19 | 14.992 | 2191 | 2194 | 2200 | rVB | 99223 | 105107 | 1.91% | 0.257% |
| 20 | 15.304 | 2242 | 2247 | 2252 | rBV | 1067377 | 1349563 | 24.53% | 3.299% |
| 21 | 15.356 | 2252 | 2256 | 2262 | rVB | 105945 | 143481 | 2.61% | 0.351% |
| 22 | 15.768 | 2322 | 2326 | 2331 | rVB2 | 74867 | 109627 | 1.99% | 0.268% |
| 23 | 16.245 | 2403 | 2407 | 2415 | rVB3 | 46350 | 84771 | 1.54% | 0.207% |

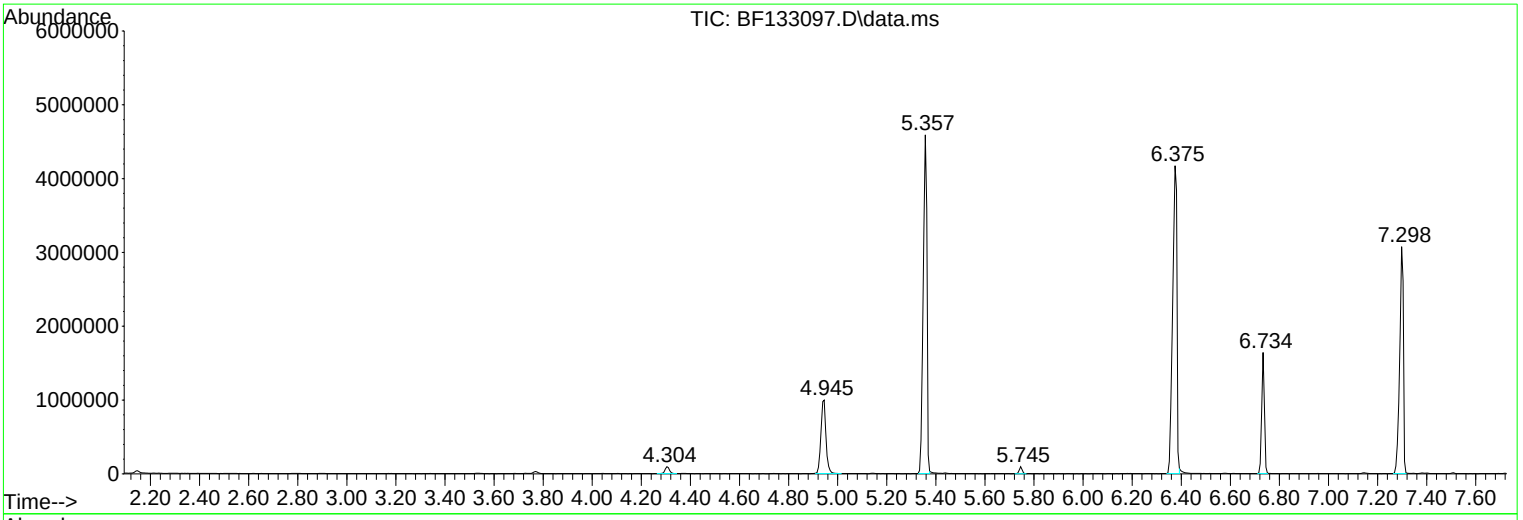
Sum of corrected areas: 40910255

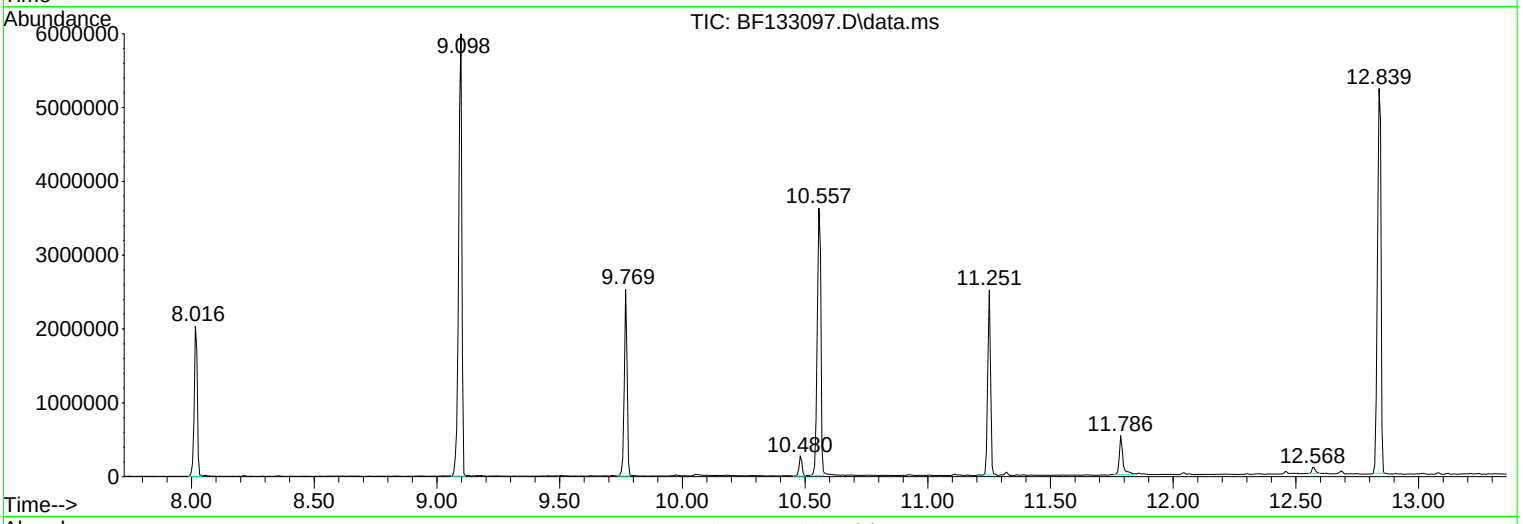
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042723\
Data File : BF133097.D
Acq On : 27 Apr 2023 13:49
Operator : CG\JU
Sample : 02448-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

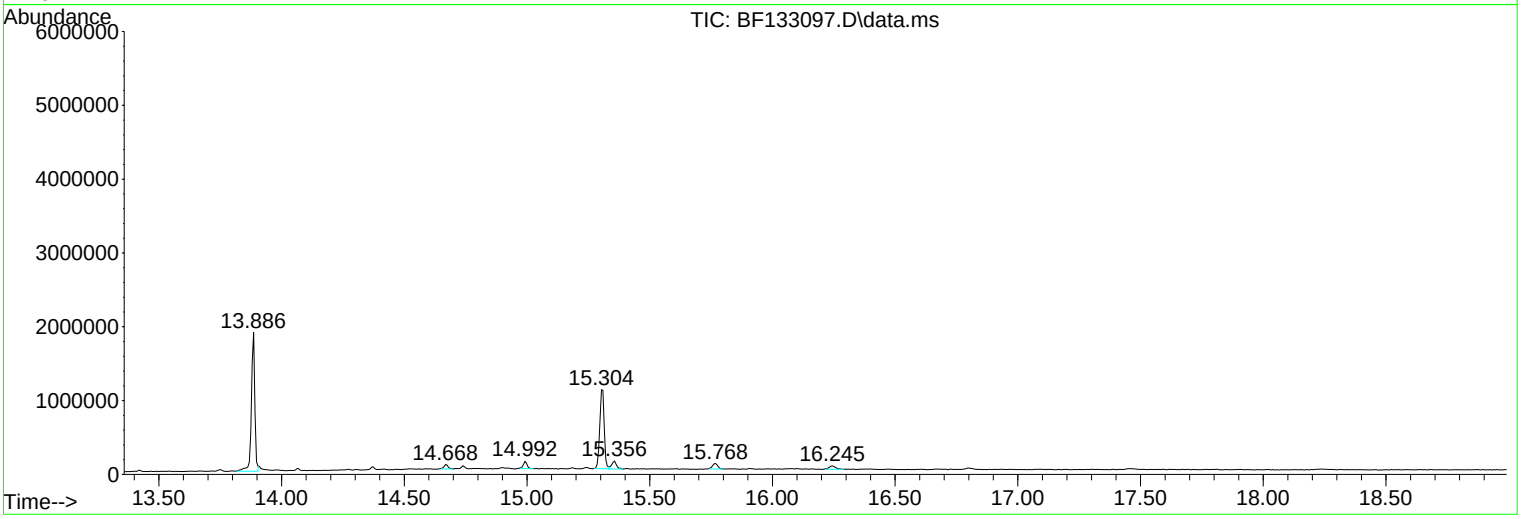
**Instrument :**
BNA_F
**ClientSampleId :**
20230345-COMP-23

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.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\BF042723\
Data File : BF133097.D
Acq On : 27 Apr 2023 13:49
Operator : CG\JU
Sample : 02448-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
20230345-COMP-23

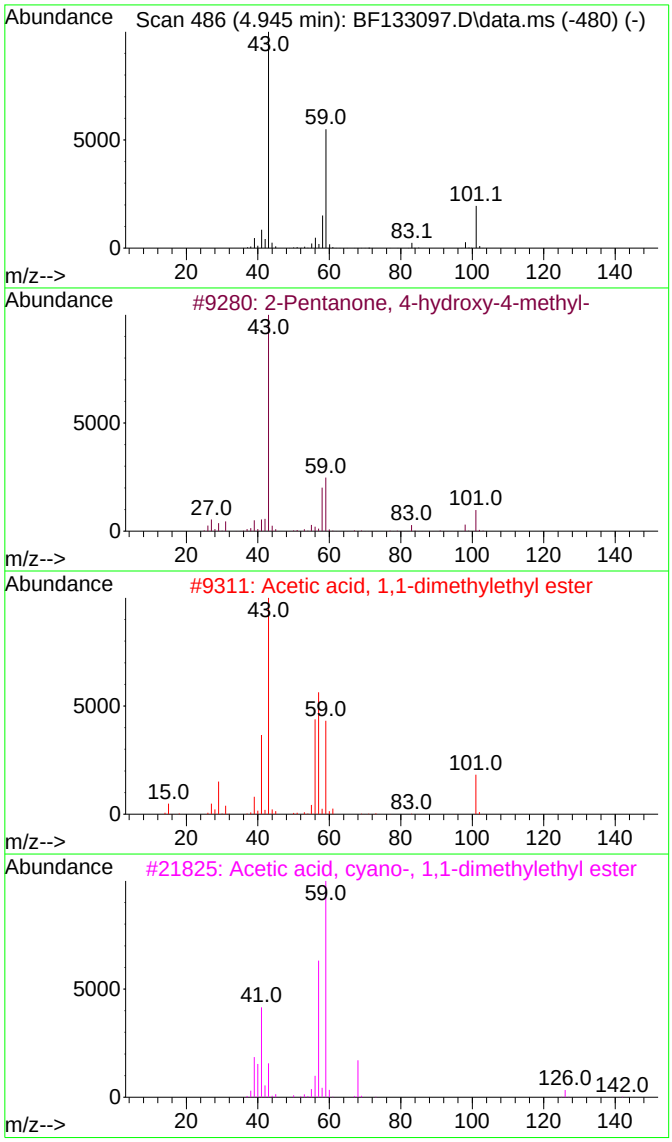
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

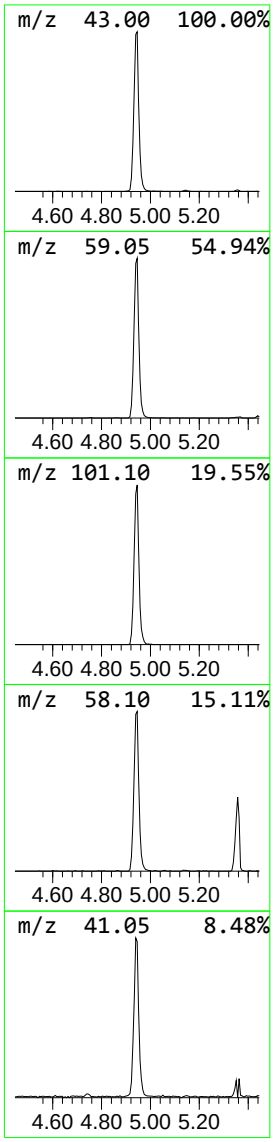
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 4.945 | 22.37 ng | 1407960 | 1,4-Dichlorobenzene-d4 | 6.734 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2 | 000123-42-2 | 64 |
| 2 | Acetic acid, 1,1-dimethylethyl e... | 116 | C6H12O2 | 000540-88-5 | 39 |
| 3 | Acetic acid, cyano-, 1,1-dimethy... | 141 | C7H11NO2 | 001116-98-9 | 17 |
| 4 | 1-Propen-2-ol, acetate | 100 | C5H8O2 | 000108-22-5 | 10 |
| 5 | 2,3-Butanedione, monooxime | 101 | C4H7NO2 | 000057-71-6 | 9 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042723\
Data File : BF133097.D
Acq On : 27 Apr 2023 13:49
Operator : CG\JU
Sample : 02448-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
20230345-COMP-23

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

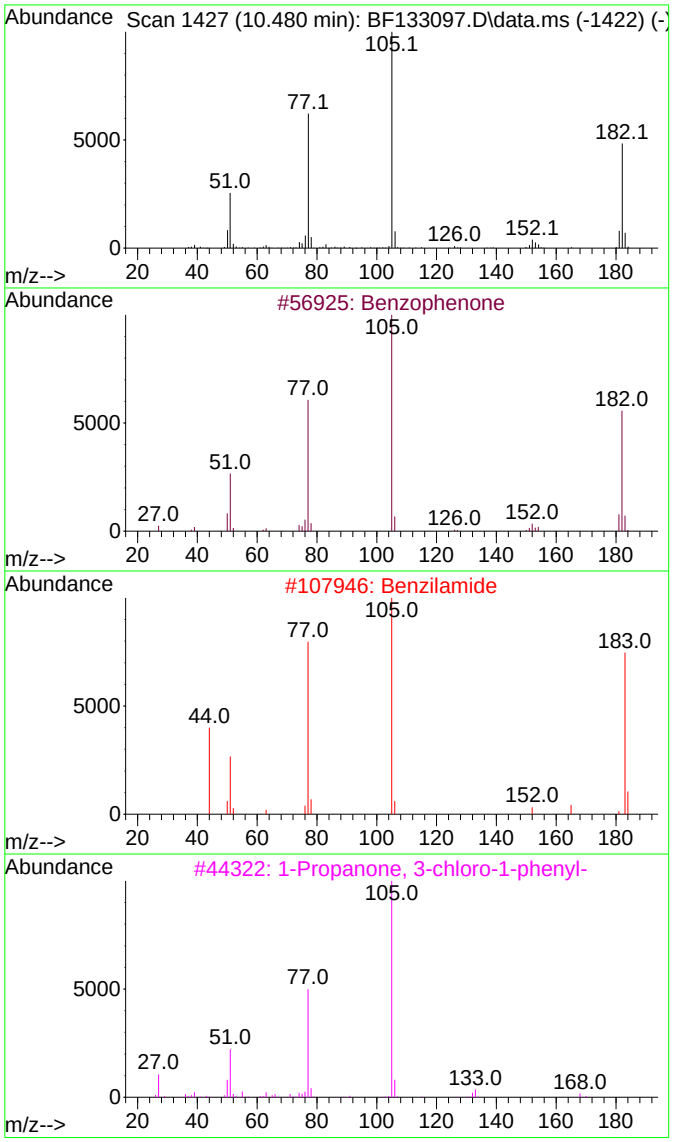
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

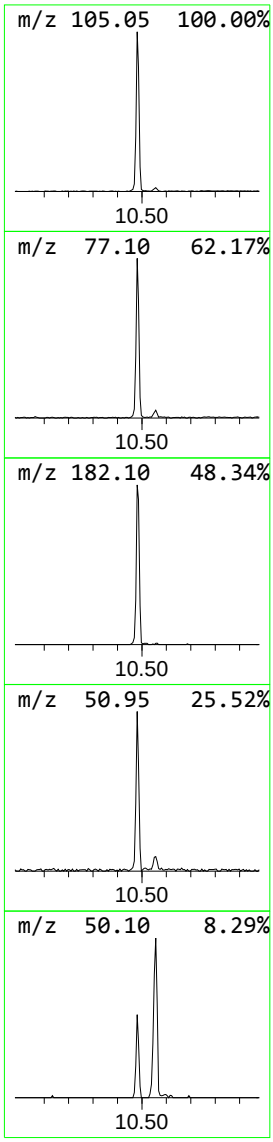
**********

Peak Number 2 Benzophenone Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.480 | 2.22 ng | 225317 | Acenaphthene-d10 | 9.769 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzophenone | 182 | C13H10O | 000119-61-9 | 96 |
| 2 | Benzilamide | 227 | C14H13NO2 | 004746-87-6 | 50 |
| 3 | 1-Propanone, 3-chloro-1-phenyl- | 168 | C9H9ClO | 000936-59-4 | 47 |
| 4 | Benzoic acid, 2-propenyl ester | 162 | C10H10O2 | 000583-04-0 | 47 |
| 5 | Pentafluoroethyl phenyl ketone | 224 | C9H5F5O | 000394-52-5 | 47 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042723\
Data File : BF133097.D
Acq On : 27 Apr 2023 13:49
Operator : CG\JU
Sample : 02448-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
20230345-COMP-23

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

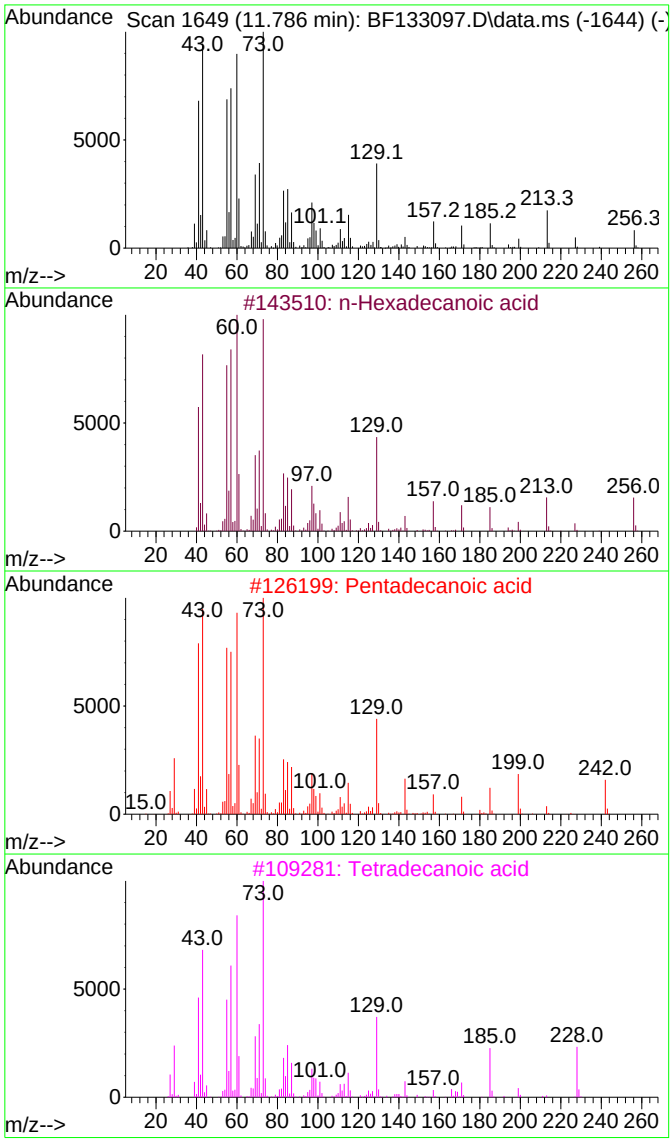
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

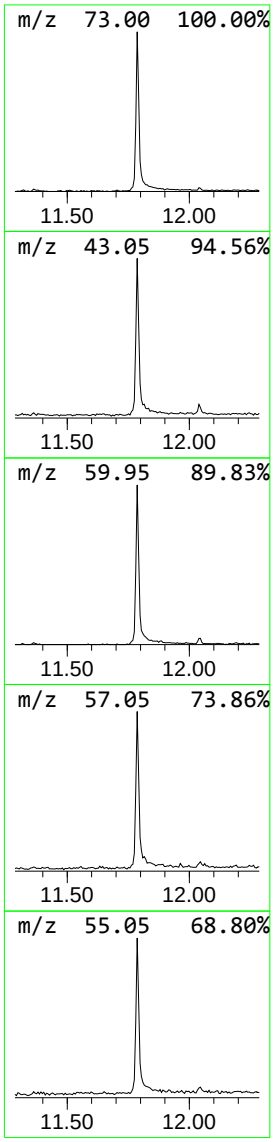
**********

Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.786 | 5.37 ng | 542684 | Phenanthrene-d10 | 11.251 |

| 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 | 90 |
| 3 | Tetradecanoic acid | 228 | C14H28O2 | 000544-63-8 | 81 |
| 4 | Tridecanoic acid | 214 | C13H26O2 | 000638-53-9 | 80 |
| 5 | n-Decanoic acid | 172 | C10H20O2 | 000334-48-5 | 70 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042723\
Data File : BF133097.D
Acq On : 27 Apr 2023 13:49
Operator : CG\JU
Sample : 02448-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
20230345-COMP-23

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.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 |
| 2-Pentanone, 4-... | 4.945 | 22.4 | ng | 1407960 | 1 | 6.734 | 1258610 | 20.0 |
| Benzophenone | 10.480 | 2.2 | ng | 225317 | 3 | 9.769 | 2028010 | 20.0 |
| n-Hexadecanoic ... | 11.786 | 5.4 | ng | 542684 | 4 | 11.251 | 2020670 | 20.0 |