LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022625\
Data File : BF141783.D
Acq On : 26 Feb 2025 15:29
Operator : RC/JU
Sample : Q1422-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** B-154-SB01

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-BF020625.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF141783.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.404 | 558 | 563 | 590 | rBV | 1065314 | 1576200 | 74.12% | 10.037% |
| 2 | 6.422 | 731 | 736 | 761 | rBV | 1079996 | 1638735 | 77.06% | 10.435% |
| 3 | 6.781 | 792 | 797 | 803 | rBV | 337053 | 425048 | 19.99% | 2.707% |
| 4 | 7.345 | 887 | 893 | 904 | rBV | 751256 | 1021262 | 48.02% | 6.503% |
| 5 | 7.604 | 933 | 937 | 953 | rBV | 21211 | 43645 | 2.05% | 0.278% |
| 6 | 8.063 | 1010 | 1015 | 1032 | rBV | 416039 | 573697 | 26.98% | 3.653% |
| 7 | 9.134 | 1192 | 1197 | 1208 | rBV | 1506567 | 1907486 | 89.69% | 12.146% |
| 8 | 9.810 | 1307 | 1312 | 1323 | rBV | 495610 | 671293 | 31.57% | 4.275% |
| 9 | 10.528 | 1429 | 1434 | 1442 | rVB | 131518 | 171742 | 8.08% | 1.094% |
| 10 | 10.604 | 1442 | 1447 | 1460 | rBV | 847082 | 1141750 | 53.69% | 7.270% |
| 11 | 11.298 | 1560 | 1565 | 1580 | rBV | 535385 | 698875 | 32.86% | 4.450% |
| 12 | 11.827 | 1648 | 1655 | 1677 | rBV | 441718 | 835820 | 39.30% | 5.322% |
| 13 | 12.539 | 1770 | 1776 | 1781 | rBV6 | 20894 | 50167 | 2.36% | 0.319% |
| 14 | 12.610 | 1782 | 1788 | 1801 | rVV | 205653 | 413008 | 19.42% | 2.630% |
| 15 | 12.886 | 1829 | 1835 | 1840 | rBV | 1590082 | 2126650 | 100.00% | 13.542% |
| 16 | 13.063 | 1856 | 1865 | 1879 | rVB | 494523 | 1031348 | 48.50% | 6.567% |
| 17 | 13.421 | 1921 | 1926 | 1933 | rBV3 | 17594 | 39553 | 1.86% | 0.252% |
| 18 | 13.786 | 1982 | 1988 | 2003 | rBV2 | 42252 | 119371 | 5.61% | 0.760% |
| 19 | 13.939 | 2006 | 2014 | 2021 | rVV | 444902 | 621442 | 29.22% | 3.957% |
| 20 | 14.010 | 2022 | 2026 | 2034 | rVB | 18333 | 31159 | 1.47% | 0.198% |
| 21 | 14.504 | 2106 | 2110 | 2115 | rVB | 18259 | 26555 | 1.25% | 0.169% |
| 22 | 14.986 | 2187 | 2192 | 2196 | rBV2 | 16360 | 30690 | 1.44% | 0.195% |
| 23 | 15.386 | 2255 | 2260 | 2271 | rVB | 300180 | 508970 | 23.93% | 3.241% |

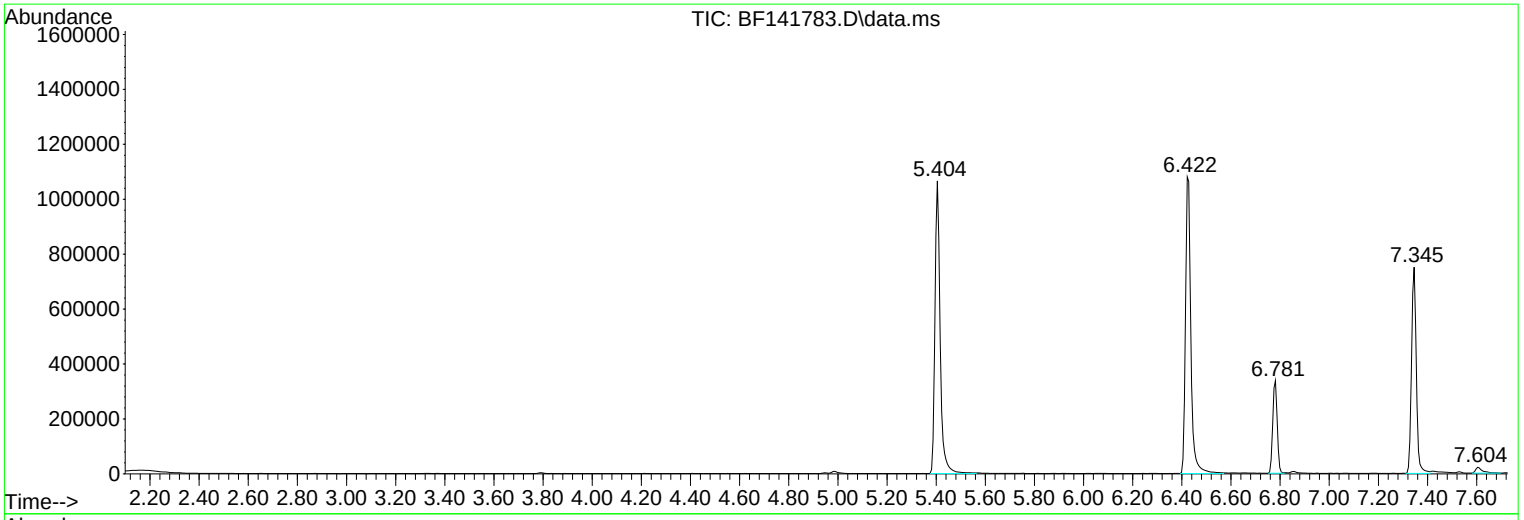
Sum of corrected areas: 15704466

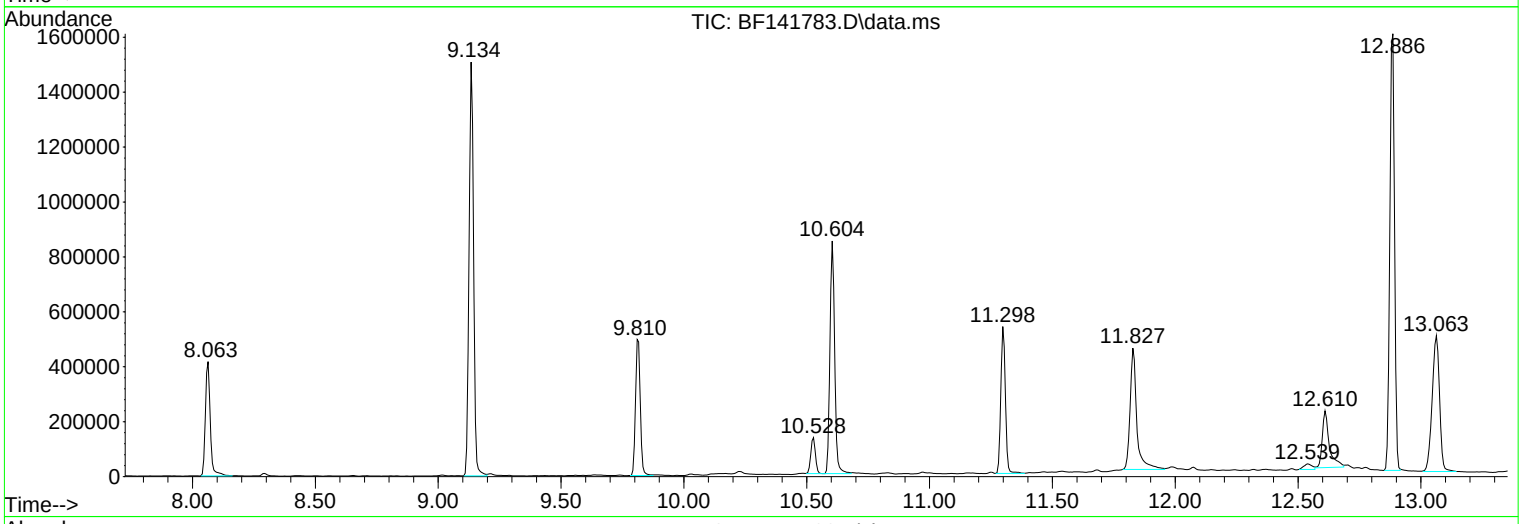
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022625\
Data File : BF141783.D
Acq On : 26 Feb 2025 15:29
Operator : RC/JU
Sample : Q1422-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

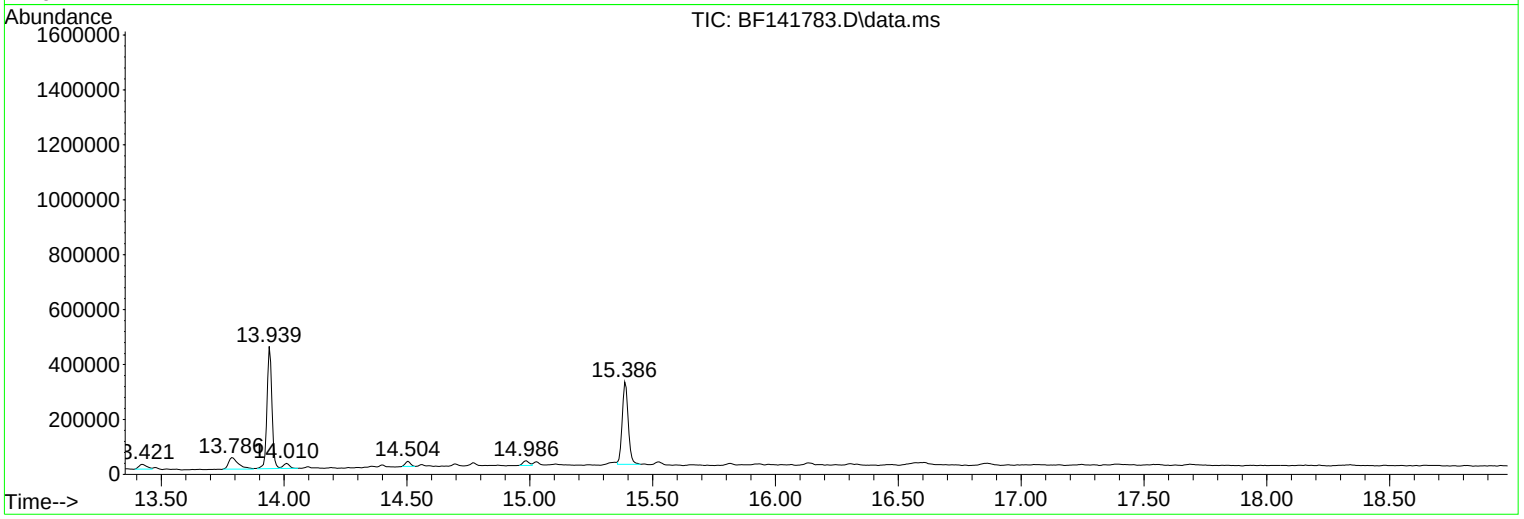
**Instrument :**
BNA_F
**ClientSampleId :**
B-154-SB01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.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\BF022625\
Data File : BF141783.D
Acq On : 26 Feb 2025 15:29
Operator : RC/JU
Sample : Q1422-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
B-154-SB01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

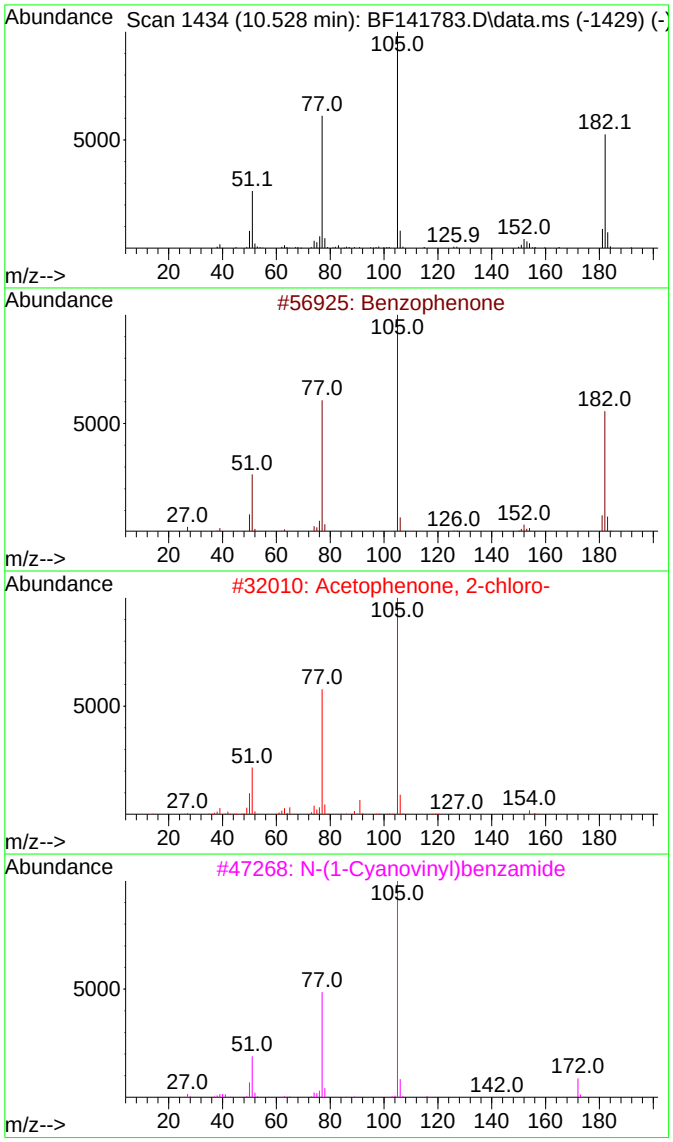
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

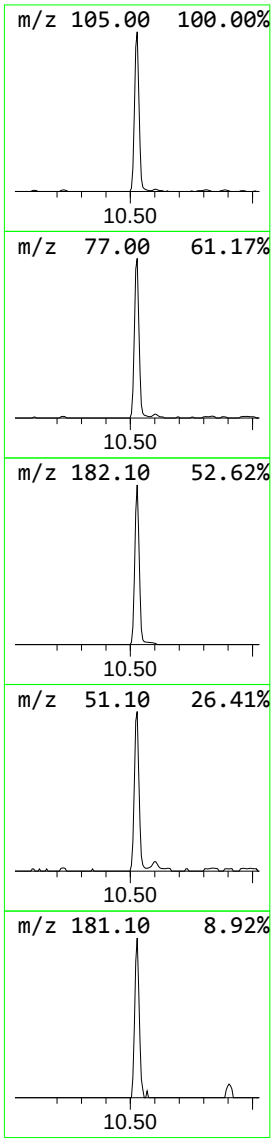
**********

Peak Number 1 Benzophenone Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.528 | 5.12 ng | 171742 | Acenaphthene-d10 | 9.810 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzophenone | 182 | C13H10O | 000119-61-9 | 96 |
| 2 | Acetophenone, 2-chloro- | 154 | C8H7ClO | 000532-27-4 | 53 |
| 3 | N-(1-Cyanovinyl)benzamide | 172 | C10H8N2O | 1000186-19-1 | 47 |
| 4 | 2-Benzoyl-4-bromo-5-methyl-1,2-o... | 281 | C11H8BrNO3 | 1000444-92-3 | 47 |
| 5 | 1-Propanone, 2-bromo-1-phenyl- | 212 | C9H9BrO | 002114-00-3 | 47 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022625\
Data File : BF141783.D
Acq On : 26 Feb 2025 15:29
Operator : RC/JU
Sample : Q1422-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
B-154-SB01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

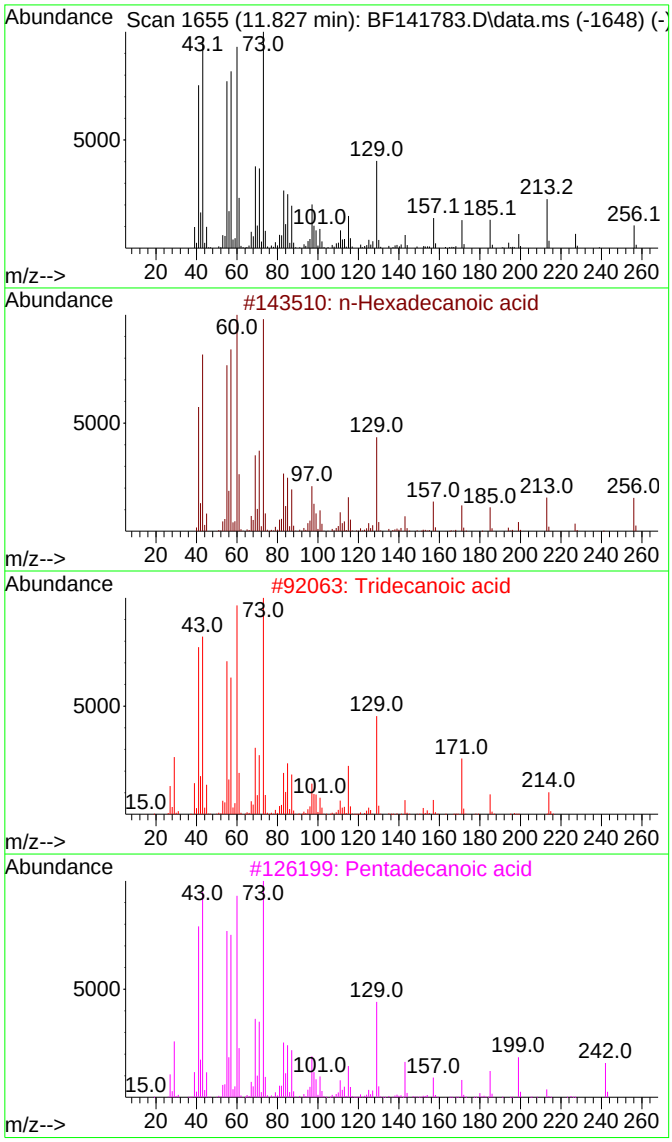
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

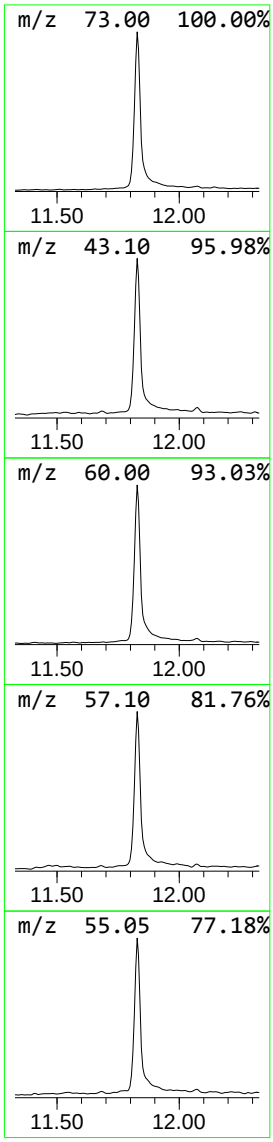
**********

Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.828 | 23.92 ng | 835820 | Phenanthrene-d10 | 11.298 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 99 |
| 2 | Tridecanoic acid | 214 | C13H26O2 | 000638-53-9 | 91 |
| 3 | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 91 |
| 4 | Tetradecanoic acid | 228 | C14H28O2 | 000544-63-8 | 72 |
| 5 | n-Decanoic acid | 172 | C10H20O2 | 000334-48-5 | 70 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022625\
Data File : BF141783.D
Acq On : 26 Feb 2025 15:29
Operator : RC/JU
Sample : Q1422-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
B-154-SB01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

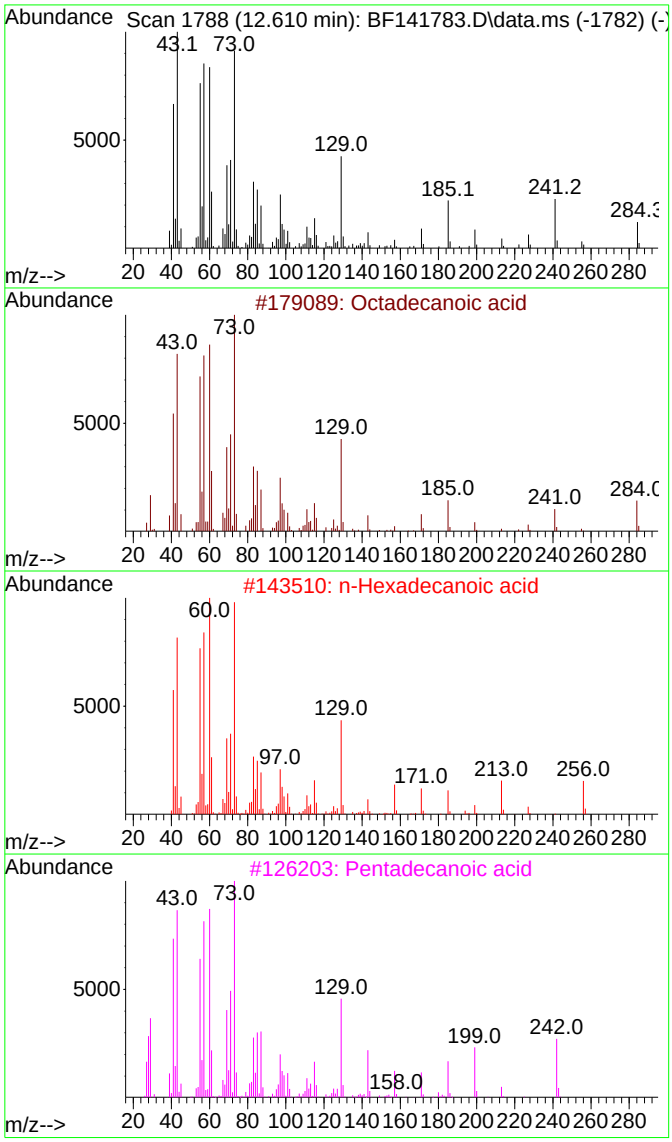
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

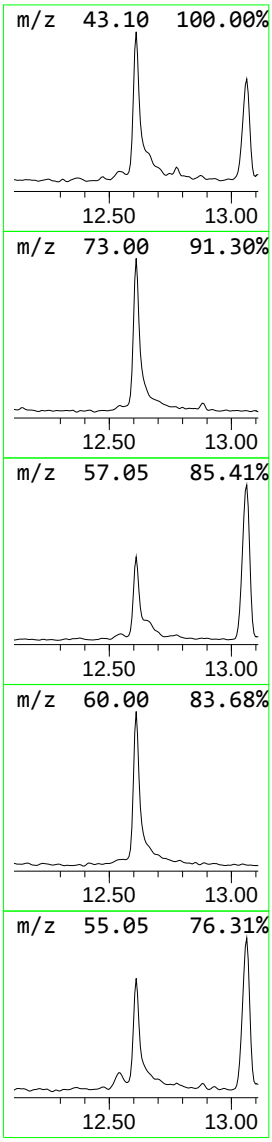
**********

Peak Number 3 Octadecanoic acid Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.610 | 11.82 ng | 413008 | Phenanthrene-d10 | 11.298 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 99 |
| 2 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 94 |
| 3 | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 89 |
| 4 | Tetradecanoic acid | 228 | C14H28O2 | 000544-63-8 | 83 |
| 5 | n-Decanoic acid | 172 | C10H20O2 | 000334-48-5 | 70 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022625\
Data File : BF141783.D
Acq On : 26 Feb 2025 15:29
Operator : RC/JU
Sample : Q1422-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
B-154-SB01

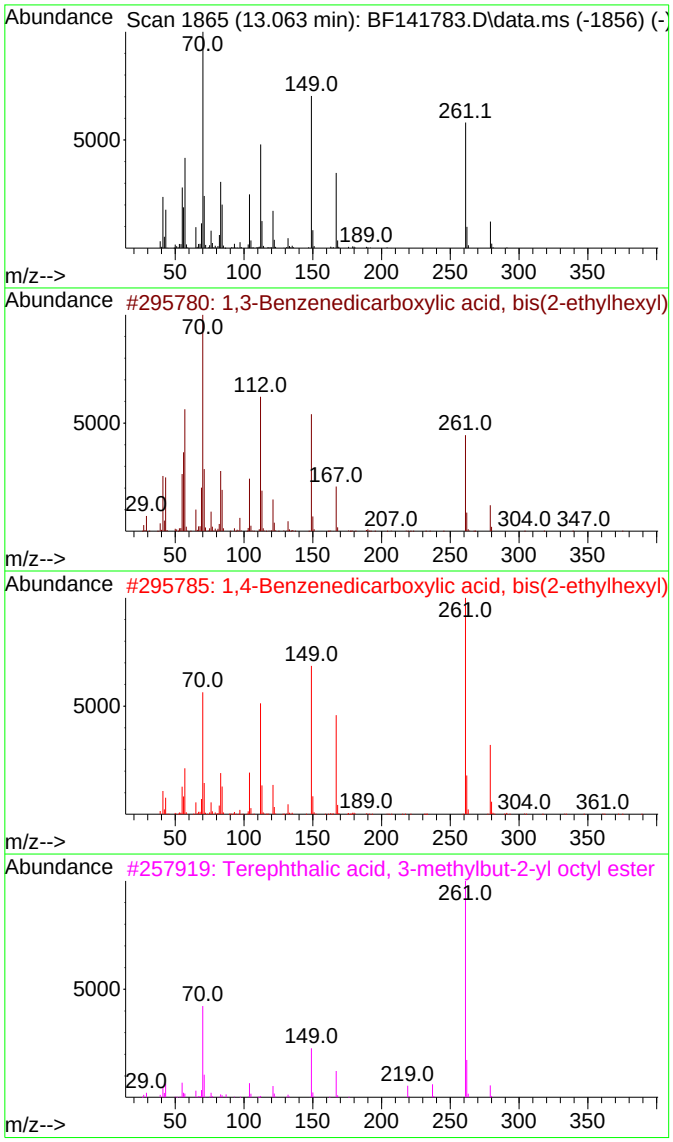
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

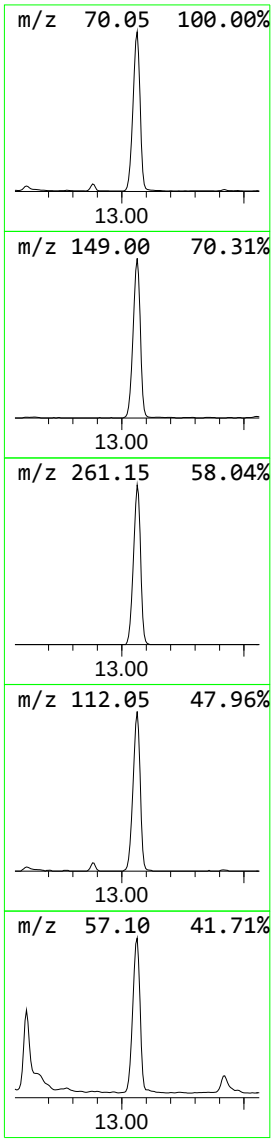
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 4 1,3-Benzenedicarboxylic aci... Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.063 | 33.19 ng | 1031350 | Chrysene-d12 | 13.939 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1,3-Benzenedicarboxylic acid, bi... | 390 | C24H38O4 | 000137-89-3 | 87 |
| 2 | 1,4-Benzenedicarboxylic acid, bi... | 390 | C24H38O4 | 006422-86-2 | 72 |
| 3 | Terephthalic acid, 3-methylbut-2... | 348 | C21H32O4 | 1000356-27-6 | 53 |
| 4 | Terephthalic acid, monochloride,... | 296 | C16H21ClO3 | 1000324-22-9 | 47 |
| 5 | Terephthalic acid, 3-hexyl octyl... | 362 | C22H34O4 | 1000356-23-1 | 35 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022625\
Data File : BF141783.D
Acq On : 26 Feb 2025 15:29
Operator : RC/JU
Sample : Q1422-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
B-154-SB01

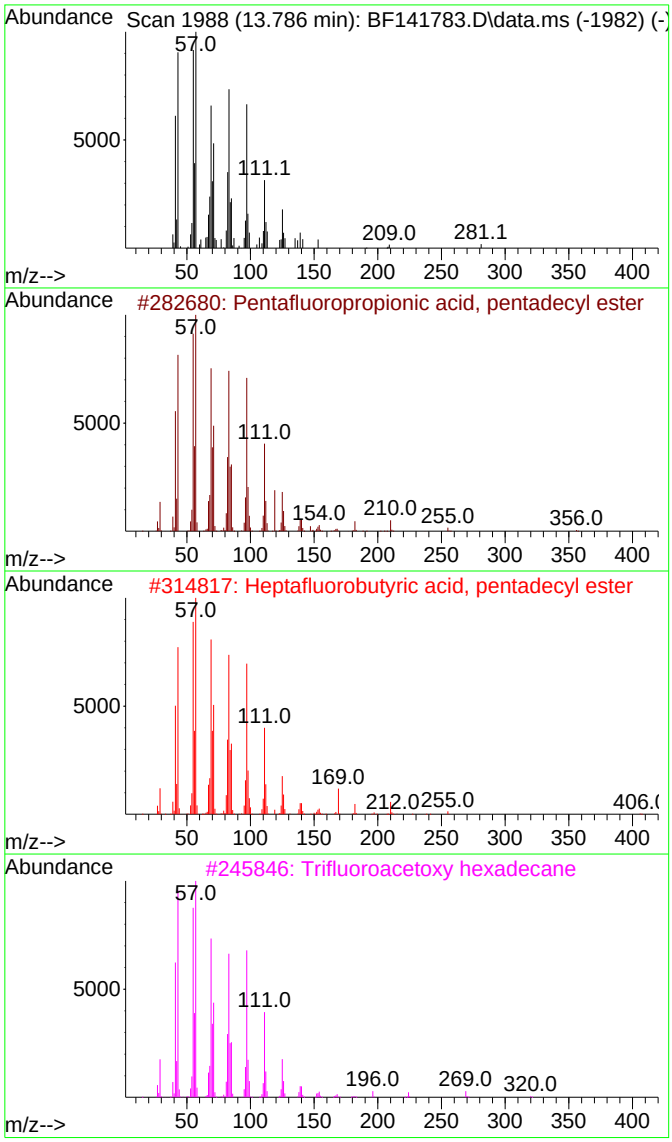
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

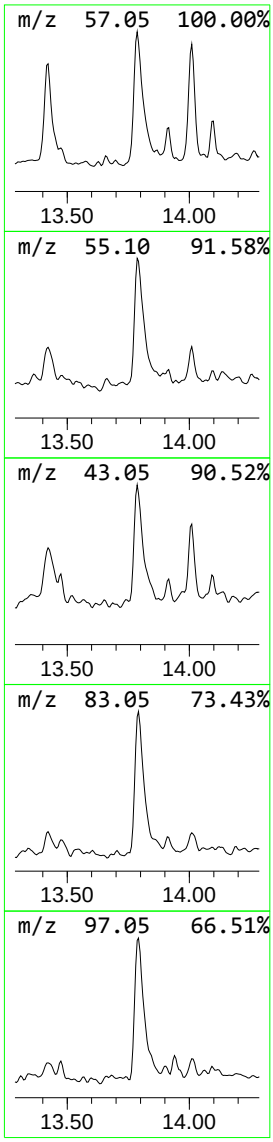
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 5 Pentafluoropropionic acid, ... Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.786 | 3.84 ng | 119371 | Chrysene-d12 | 13.939 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pentafluoropropionic acid, penta... | 374 | C18H31F5O2 | 959092-08-1 | 95 |
| 2 | Heptafluorobutyric acid, pentade... | 424 | C19H31F7O2 | 959261-23-5 | 95 |
| 3 | Trifluoroacetoxy hexadecane | 338 | C18H33F3O2 | 006222-03-3 | 94 |
| 4 | Heptadecyl trifluoroacetate | 352 | C19H35F3O2 | 1010351-87-0 | 94 |
| 5 | Pentafluoropropionic acid, hexad... | 388 | C19H33F5O2 | 006222-07-7 | 94 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022625\
Data File : BF141783.D
Acq On : 26 Feb 2025 15:29
Operator : RC/JU
Sample : Q1422-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
B-154-SB01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.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 |
| Benzophenone | 10.528 | 5.1 | ng | 171742 | 3 | 9.810 | 671293 | 20.0 |
| n-Hexadecanoic ... | 11.828 | 23.9 | ng | 835820 | 4 | 11.298 | 698875 | 20.0 |
| Octadecanoic acid | 12.610 | 11.8 | ng | 413008 | 4 | 11.298 | 698875 | 20.0 |
| 1,3-Benzenedica... | 13.063 | 33.2 | ng | 1031350 | 5 | 13.939 | 621442 | 20.0 |
| Pentafluoroprop... | 13.786 | 3.8 | ng | 119371 | 5 | 13.939 | 621442 | 20.0 |