LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031820\
Data File : BF119426.D
Acq On : 18 Mar 2020 20:28
Operator : CG/JU
Sample : L1942-21
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** TP-5-SA

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-BF031820.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 2.151 | 7 | 11 | 24 | rVB | 302681 | 430714 | 5.17% | 0.656% |
| 2 | 5.075 | 501 | 508 | 515 | rVB | 148452 | 196671 | 2.36% | 0.300% |
| 3 | 5.469 | 569 | 575 | 578 | rBV | 7126822 | 7622011 | 91.46% | 11.616% |
| 4 | 6.475 | 740 | 746 | 749 | rBV | 6876456 | 7639199 | 91.67% | 11.642% |
| 5 | 6.851 | 807 | 810 | 814 | rVB | 2492847 | 2161411 | 25.94% | 3.294% |
| 6 | 7.010 | 833 | 837 | 841 | rVB | 6654395 | 5985827 | 71.83% | 9.122% |
| 7 | 7.416 | 900 | 906 | 909 | rBV | 5171573 | 5019818 | 60.24% | 7.650% |
| 8 | 8.139 | 1024 | 1029 | 1032 | rBV | 3378798 | 2841648 | 34.10% | 4.331% |
| 9 | 9.222 | 1207 | 1213 | 1216 | rBV | 8822817 | 8333323 | 100.00% | 12.700% |
| 10 | 9.610 | 1275 | 1279 | 1282 | rBV | 892218 | 661138 | 7.93% | 1.008% |
| 11 | 9.898 | 1323 | 1328 | 1331 | rBV | 3694023 | 3063297 | 36.76% | 4.669% |
| 12 | 10.192 | 1374 | 1378 | 1386 | rVB | 160853 | 148475 | 1.78% | 0.226% |
| 13 | 10.686 | 1456 | 1462 | 1465 | rBV | 5553654 | 5010275 | 60.12% | 7.636% |
| 14 | 11.386 | 1577 | 1581 | 1584 | rBV | 3661933 | 3013536 | 36.16% | 4.593% |
| 15 | 11.910 | 1664 | 1670 | 1675 | rBV | 242392 | 245022 | 2.94% | 0.373% |
| 16 | 12.698 | 1801 | 1804 | 1810 | rBV2 | 109404 | 113466 | 1.36% | 0.173% |
| 17 | 12.974 | 1847 | 1851 | 1855 | rBV | 7334927 | 7041257 | 84.50% | 10.731% |
| 18 | 13.874 | 2000 | 2004 | 2010 | rBV | 513924 | 581405 | 6.98% | 0.886% |
| 19 | 14.021 | 2025 | 2029 | 2033 | rBV | 2196178 | 2056962 | 24.68% | 3.135% |
| 20 | 14.198 | 2056 | 2059 | 2064 | rVB | 168650 | 152634 | 1.83% | 0.233% |
| 21 | 14.504 | 2108 | 2111 | 2115 | rBV | 271343 | 244276 | 2.93% | 0.372% |
| 22 | 14.815 | 2160 | 2164 | 2169 | rVB | 284275 | 290118 | 3.48% | 0.442% |
| 23 | 15.162 | 2218 | 2223 | 2228 | rBV | 255968 | 301702 | 3.62% | 0.460% |
| 24 | 15.492 | 2274 | 2279 | 2284 | rBV2 | 1469617 | 1768666 | 21.22% | 2.695% |
| 25 | 15.545 | 2284 | 2288 | 2296 | rVB | 225937 | 292076 | 3.50% | 0.445% |
| 26 | 15.992 | 2358 | 2364 | 2368 | rBV | 150738 | 241821 | 2.90% | 0.369% |
| 27 | 16.503 | 2446 | 2451 | 2457 | rBV2 | 85098 | 159365 | 1.91% | 0.243% |

Sum of corrected areas: 65616113

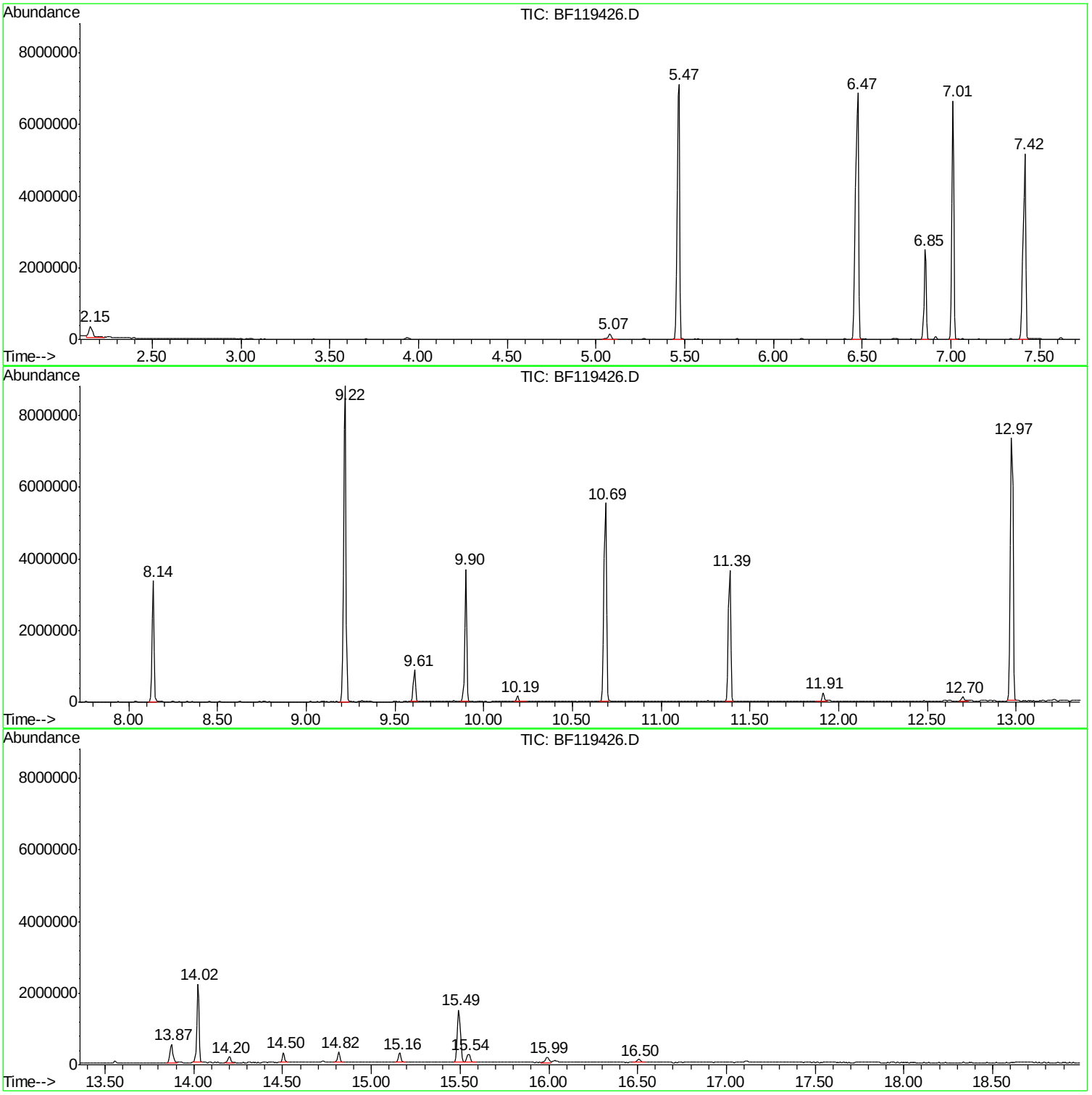
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031820\
Data File : BF119426.D
Acq On : 18 Mar 2020 20:28
Operator : CG/JU
Sample : L1942-21
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** TP-5-SA

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031820\
Data File : BF119426.D
Acq On : 18 Mar 2020 20:28
Operator : CG/JU
Sample : L1942-21
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** TP-5-SA

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

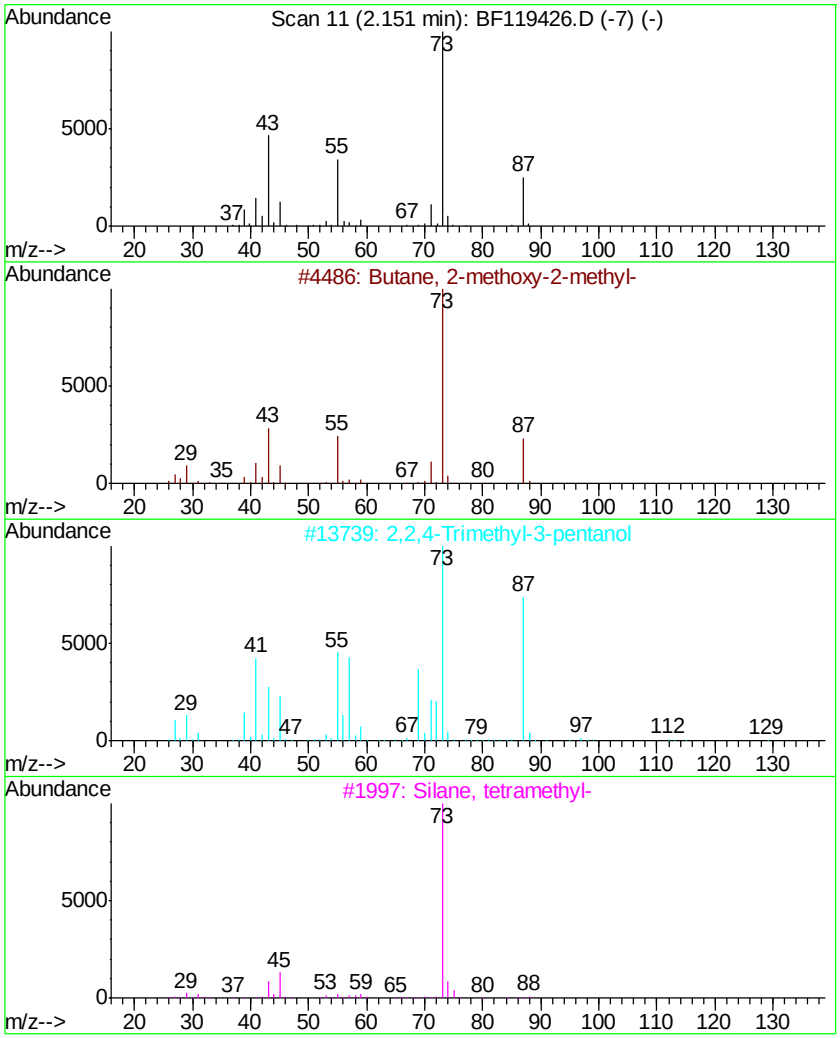
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

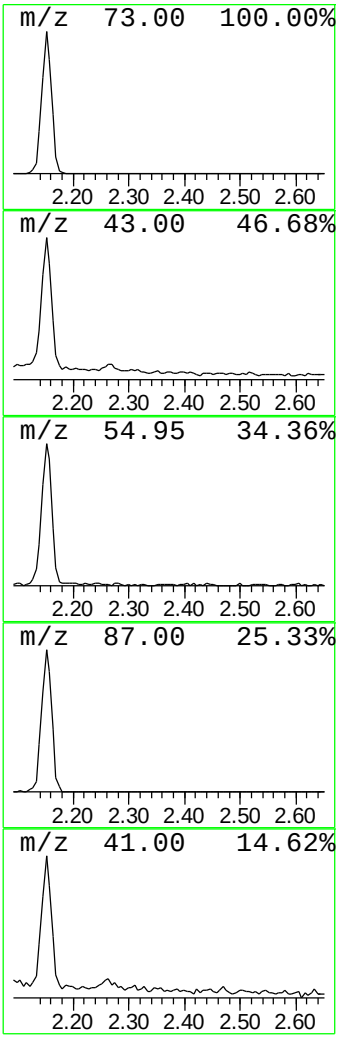
**********

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 2.15 | 3.99 ng | 430714 | 1,4-Dichlorobenzene-d4 | 6.85 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Butane, 2-methoxy-2-methyl- | 102 | C6H14O | 000994-05-8 | 83 |
| 2 | 2,2,4-Trimethyl-3-pentanol | 130 | C8H18O | 005162-48-1 | 40 |
| 3 | Silane, tetramethyl- | 88 | C4H12Si | 000075-76-3 | 32 |
| 4 | 3-Pentanol, 2,4-dimethyl- | 116 | C7H16O | 000600-36-2 | 23 |
| 5 | 3-Pentanol, 3-methyl- | 102 | C6H14O | 000077-74-7 | 12 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031820\
Data File : BF119426.D
Acq On : 18 Mar 2020 20:28
Operator : CG/JU
Sample : L1942-21
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** TP-5-SA

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

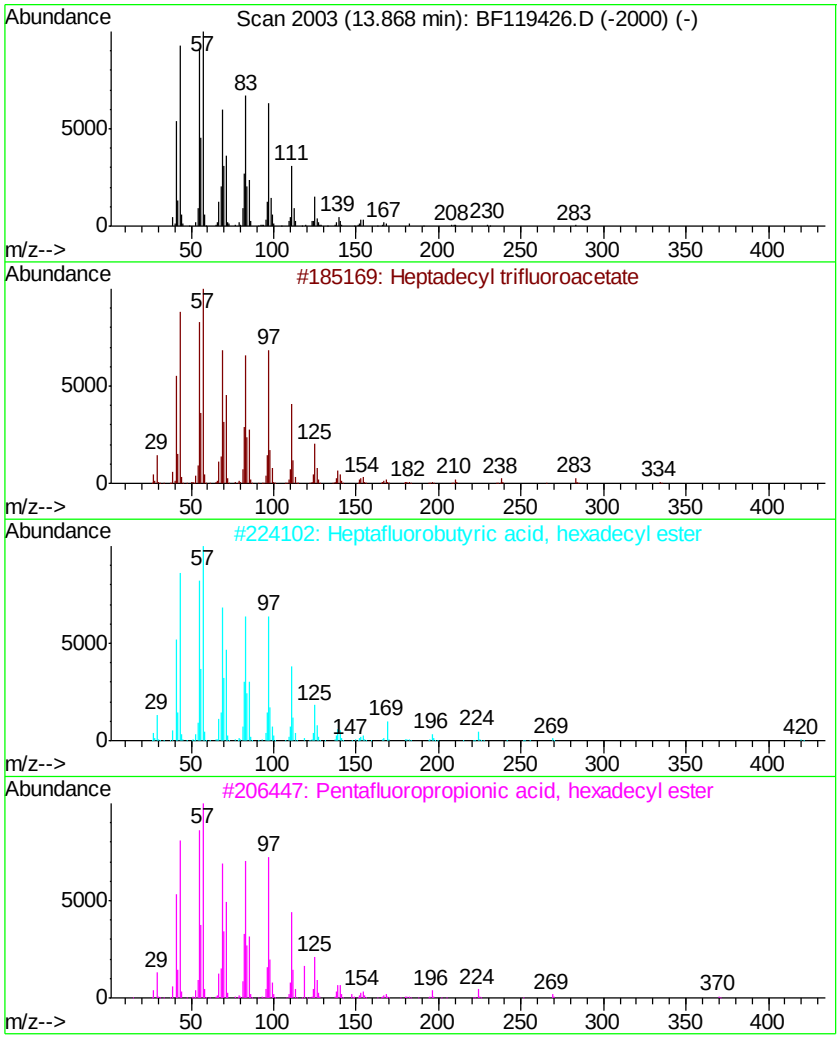
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

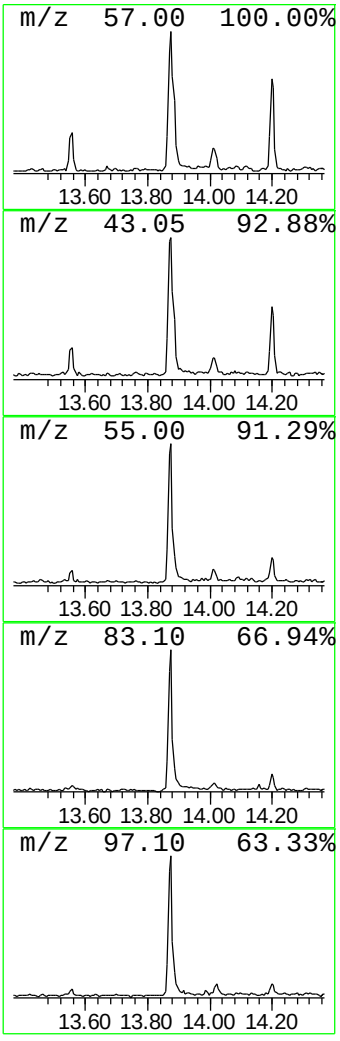
**********

Peak Number 3 Heptadecyl trifluoroacetate Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.87 | 5.65 ng | 581405 | Chrysene-d12 | 14.02 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heptadecyl trifluoroacetate | 352 | C19H35F3O2 | 1000351-87-0 | 94 |
| 2 | Heptafluorobutyric acid, hexadec... | 438 | C20H33F7O2 | 006385-15-5 | 94 |
| 3 | Pentafluoropropionic acid, hexad... | 388 | C19H33F5O2 | 006222-07-7 | 94 |
| 4 | 1-Hexadecanol | 242 | C16H34O | 036653-82-4 | 91 |
| 5 | 1-Heneicosyl formate | 340 | C22H44O2 | 077899-03-7 | 91 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031820\
Data File : BF119426.D
Acq On : 18 Mar 2020 20:28
Operator : CG/JU
Sample : L1942-21
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** TP-5-SA

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

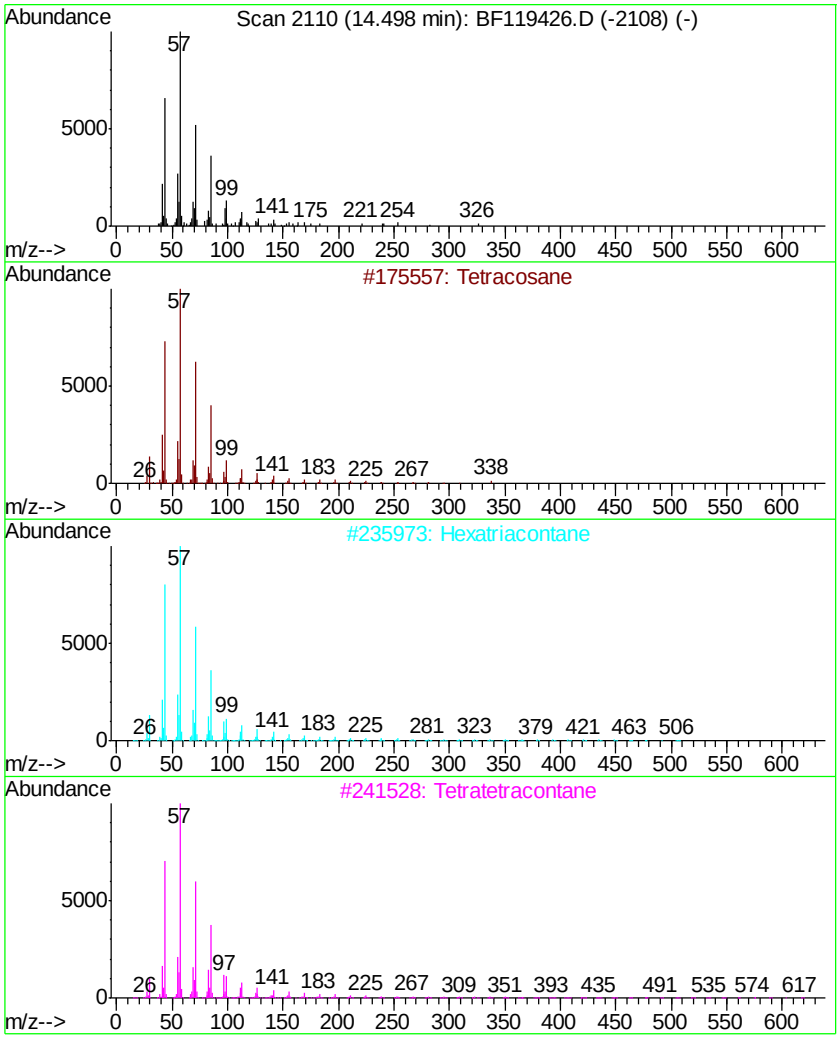
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

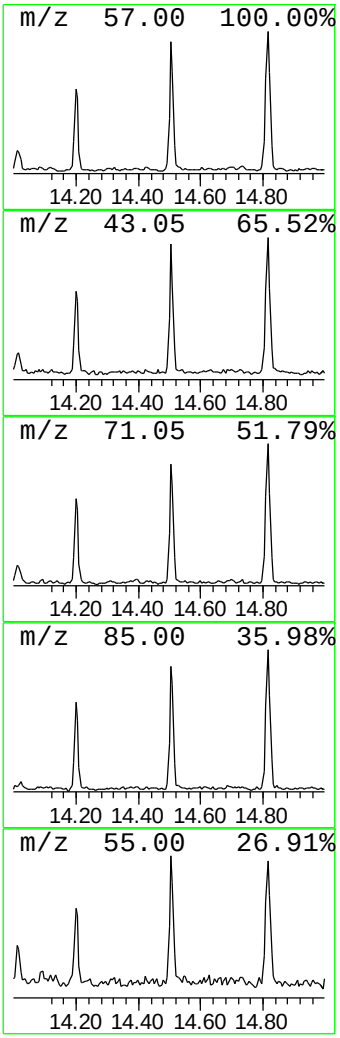
**********

Peak Number 4 Tetracosane Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.50 | 2.38 ng | 244276 | Chrysene-d12 | 14.02 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tetracosane | 338 | C24H50 | 000646-31-1 | 91 |
| 2 | Hexatriacontane | 507 | C36H74 | 000630-06-8 | 91 |
| 3 | Tetratetracontane | 619 | C44H90 | 007098-22-8 | 91 |
| 4 | Hexacosane | 366 | C26H54 | 000630-01-3 | 90 |
| 5 | Octacosane | 394 | C28H58 | 000630-02-4 | 90 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031820\
Data File : BF119426.D
Acq On : 18 Mar 2020 20:28
Operator : CG/JU
Sample : L1942-21
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** TP-5-SA

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

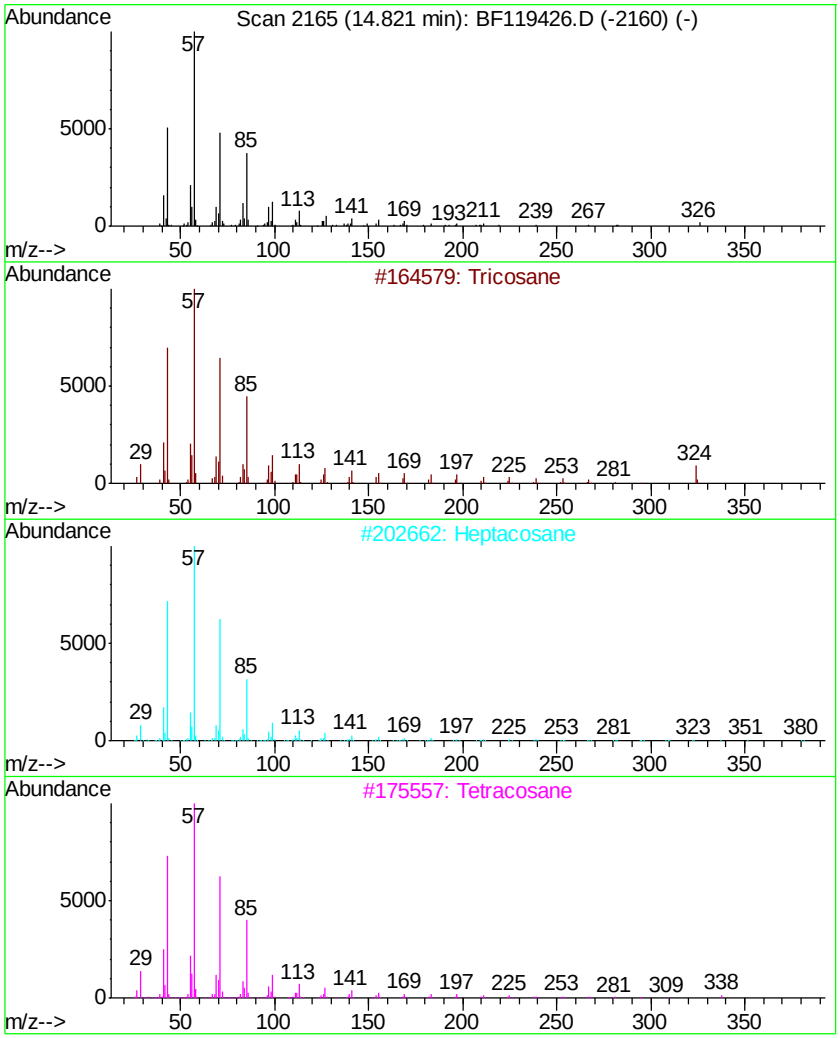
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

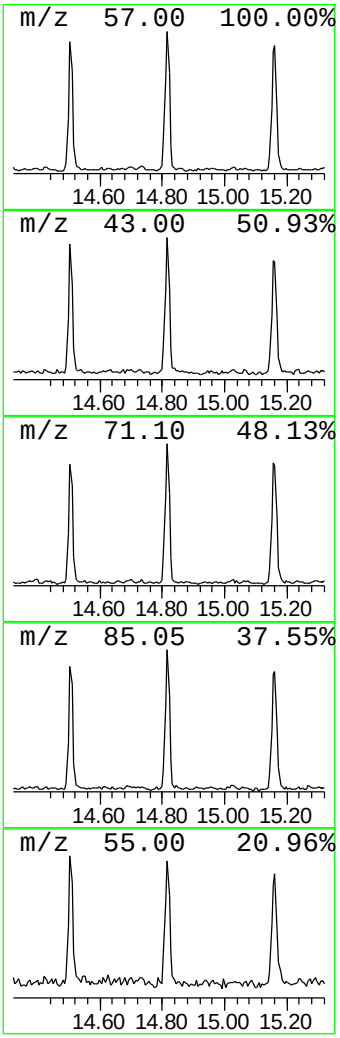
**********

Peak Number 5 Tricosane Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.82 | 3.28 ng | 290118 | Perylene-d12 | 15.49 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tricosane | 324 | C23H48 | 000638-67-5 | 94 |
| 2 | Heptacosane | 380 | C27H56 | 000593-49-7 | 91 |
| 3 | Tetracosane | 338 | C24H50 | 000646-31-1 | 91 |
| 4 | Hexadecane | 226 | C16H34 | 000544-76-3 | 91 |
| 5 | Heneicosane | 296 | C21H44 | 000629-94-7 | 90 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031820\
Data File : BF119426.D
Acq On : 18 Mar 2020 20:28
Operator : CG/JU
Sample : L1942-21
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** TP-5-SA

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

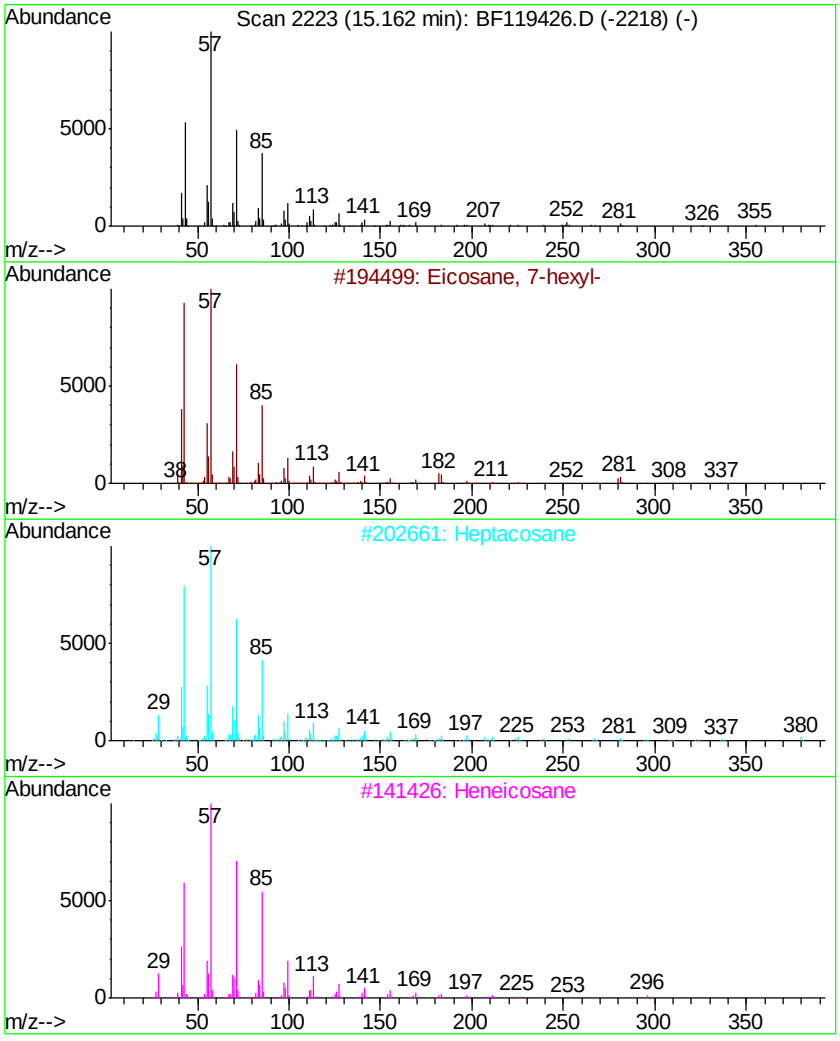
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

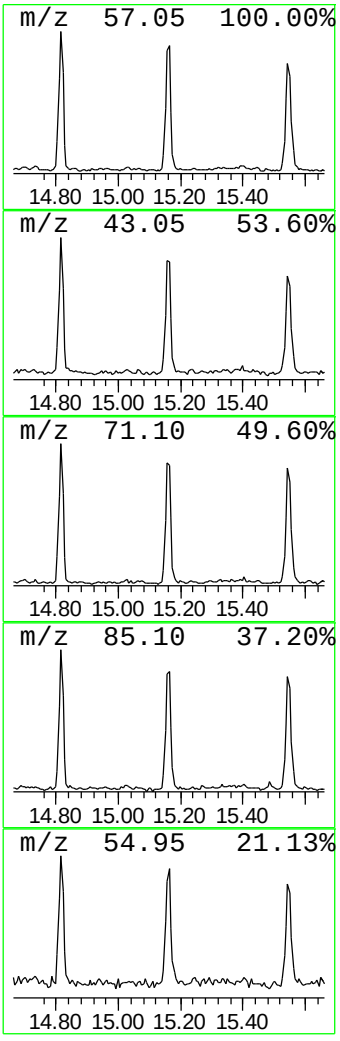
**********

Peak Number 6 Eicosane, 7-hexyl- Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.16 | 3.41 ng | 301702 | Perylene-d12 | 15.49 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Eicosane, 7-hexyl- | 366 | C26H54 | 055333-99-8 | 90 |
| 2 | Heptacosane | 380 | C27H56 | 000593-49-7 | 87 |
| 3 | Heneicosane | 296 | C21H44 | 000629-94-7 | 87 |
| 4 | Hexacosane | 366 | C26H54 | 000630-01-3 | 87 |
| 5 | Pentadecane | 212 | C15H32 | 000629-62-9 | 86 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031820\
Data File : BF119426.D
Acq On : 18 Mar 2020 20:28
Operator : CG/JU
Sample : L1942-21
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** TP-5-SA

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

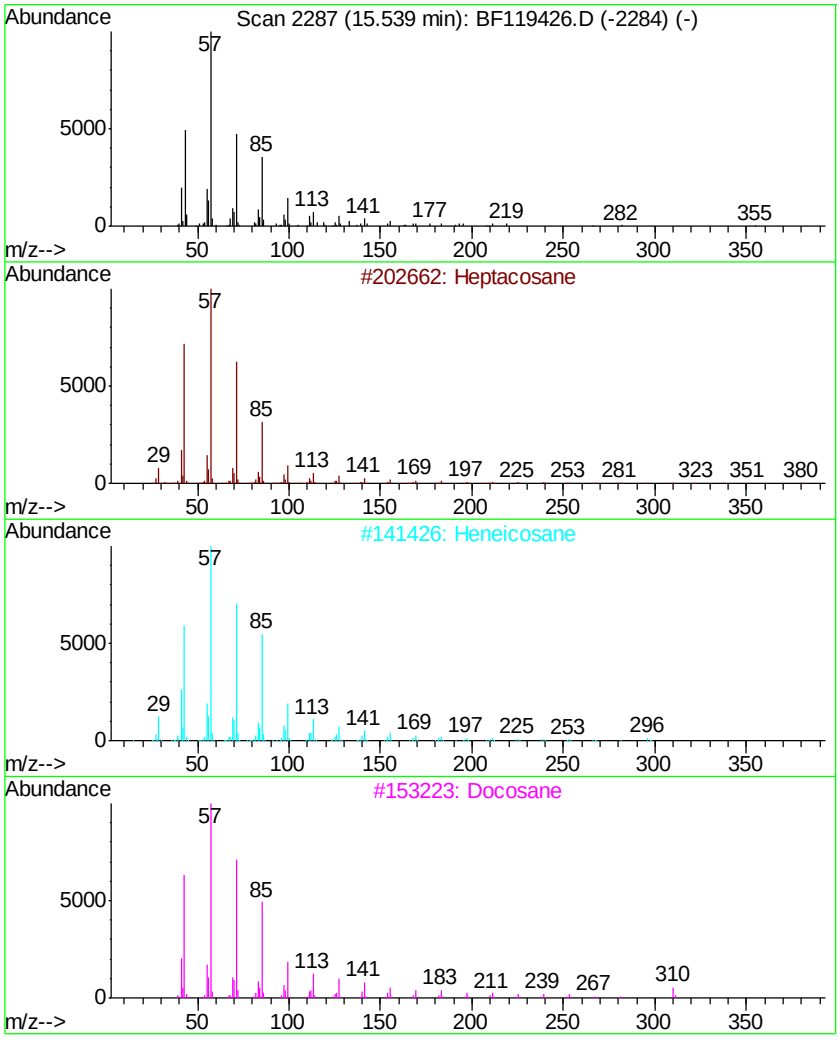
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

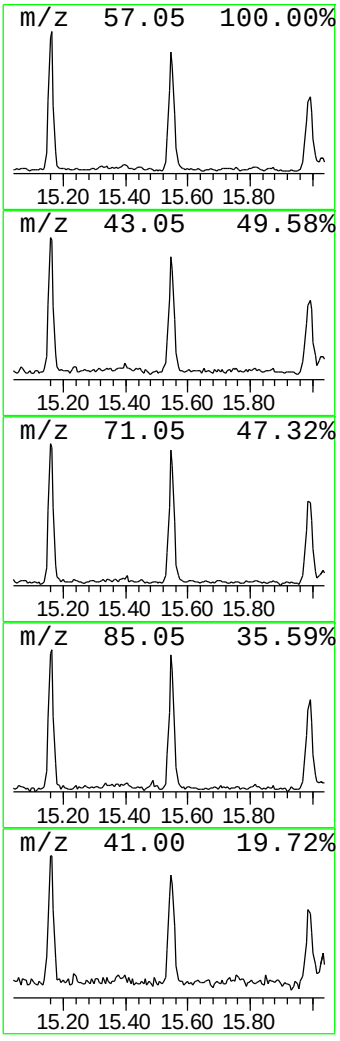
**********

Peak Number 7 Heptacosane Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.54 | 3.30 ng | 292076 | Perylene-d12 | 15.49 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heptacosane | 380 | C27H56 | 000593-49-7 | 91 |
| 2 | Heneicosane | 296 | C21H44 | 000629-94-7 | 90 |
| 3 | Docosane | 310 | C22H46 | 000629-97-0 | 90 |
| 4 | Heptadecane | 240 | C17H36 | 000629-78-7 | 90 |
| 5 | Octadecane | 254 | C18H38 | 000593-45-3 | 90 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031820\
Data File : BF119426.D
Acq On : 18 Mar 2020 20:28
Operator : CG/JU
Sample : L1942-21
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** TP-5-SA

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

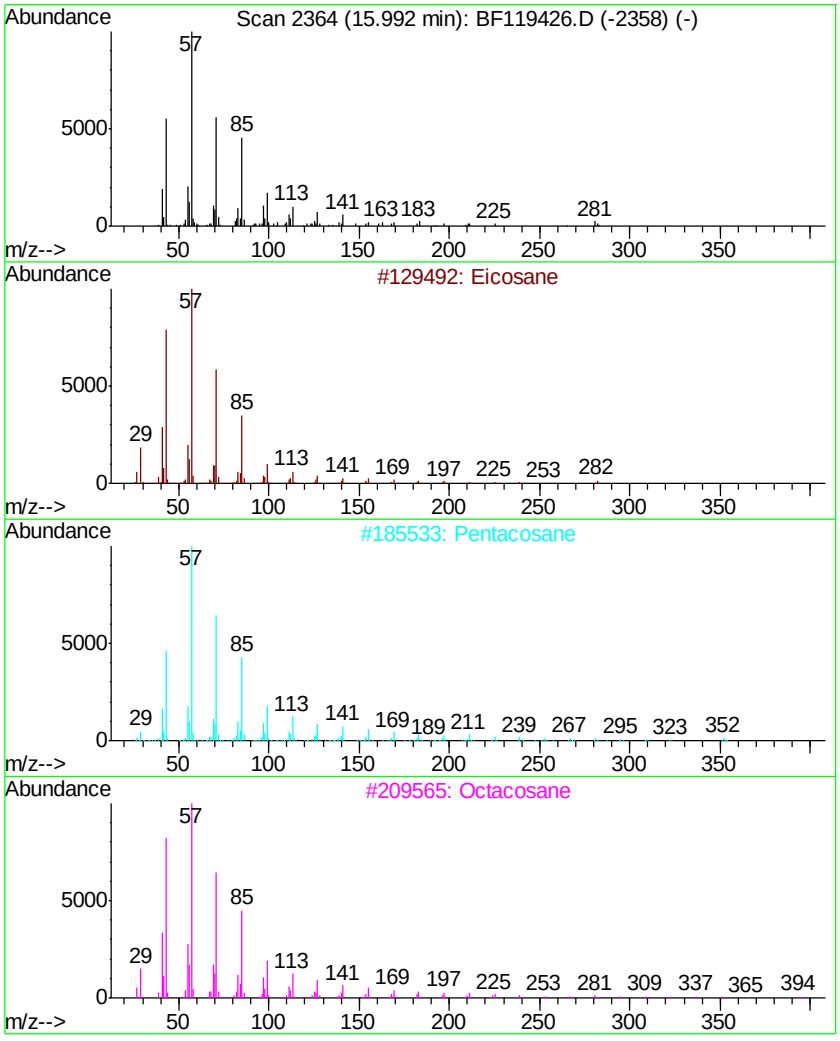
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

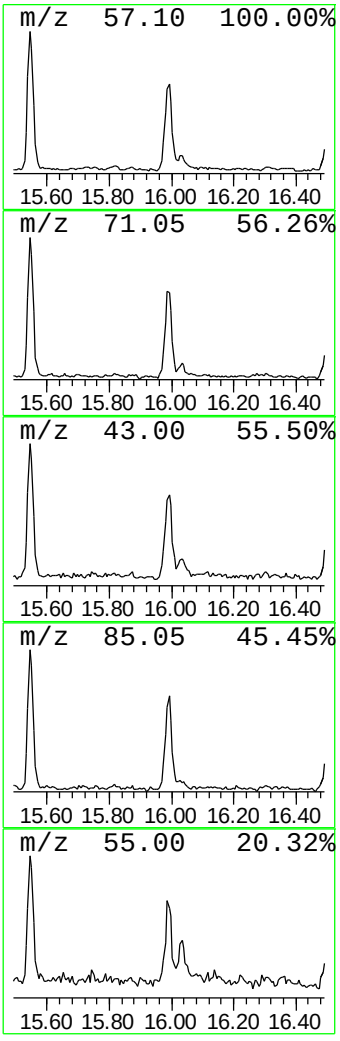
**********

Peak Number 8 Eicosane Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.99 | 2.73 ng | 241821 | Perylene-d12 | 15.49 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Eicosane | 282 | C20H42 | 000112-95-8 | 93 |
| 2 | Pentacosane | 352 | C25H52 | 000629-99-2 | 91 |
| 3 | Octacosane | 394 | C28H58 | 000630-02-4 | 90 |
| 4 | 2-Bromotetradecane | 276 | C14H29Br | 074036-95-6 | 87 |
| 5 | Octadecane, 1-iodo- | 380 | C18H37I | 000629-93-6 | 86 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031820\
Data File : BF119426.D
Acq On : 18 Mar 2020 20:28
Operator : CG/JU
Sample : L1942-21
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** TP-5-SA

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

| | | | | | Internal Standard | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| Butane, 2-methoxy... | 2.15 | 4.0 | ng | 430714 | 1 | 6.85 | 2161410 | 20.0 |
| Heptadecyl triflu... | 13.87 | 5.7 | ng | 581405 | 5 | 14.02 | 2056960 | 20.0 |
| Tetracosane | 14.50 | 2.4 | ng | 244276 | 5 | 14.02 | 2056960 | 20.0 |
| Tricosane | 14.82 | 3.3 | ng | 290118 | 6 | 15.49 | 1768670 | 20.0 |
| Eicosane, 7-hexyl- | 15.16 | 3.4 | ng | 301702 | 6 | 15.49 | 1768670 | 20.0 |
| Heptacosane | 15.54 | 3.3 | ng | 292076 | 6 | 15.49 | 1768670 | 20.0 |
| Eicosane | 15.99 | 2.7 | ng | 241821 | 6 | 15.49 | 1768670 | 20.0 |