LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010722\
Data File : BF126544.D
Acq On : 7 Jan 2022 16:21
Operator : JU/CG
Sample : N1065-34
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** AMI-9

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-BF122921.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF126544.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 4.998 | 493 | 495 | 503 | rVB | 40971 | 50247 | 2.11% | 0.279% |
| 2 | 5.398 | 558 | 563 | 566 | rBV | 2336039 | 2291938 | 96.18% | 12.721% |
| 3 | 6.410 | 730 | 735 | 738 | rBV | 2087956 | 2382867 | 100.00% | 13.226% |
| 4 | 6.775 | 794 | 797 | 801 | rBV | 708804 | 640505 | 26.88% | 3.555% |
| 5 | 7.339 | 888 | 893 | 896 | rBV | 1474924 | 1595760 | 66.97% | 8.857% |
| 6 | 7.969 | 996 | 1000 | 1010 | rBV | 134106 | 163844 | 6.88% | 0.909% |
| 7 | 8.063 | 1010 | 1016 | 1019 | rVV | 830515 | 884375 | 37.11% | 4.909% |
| 8 | 9.139 | 1193 | 1199 | 1202 | rBV | 2305929 | 2382313 | 99.98% | 13.223% |
| 9 | 9.816 | 1309 | 1314 | 1318 | rBV | 984149 | 936004 | 39.28% | 5.195% |
| 10 | 10.610 | 1442 | 1449 | 1452 | rBV | 1494453 | 1495150 | 62.75% | 8.299% |
| 11 | 11.304 | 1562 | 1567 | 1571 | rBV | 1058129 | 921141 | 38.66% | 5.113% |
| 12 | 11.839 | 1655 | 1658 | 1662 | rBV2 | 33217 | 35058 | 1.47% | 0.195% |
| 13 | 12.515 | 1769 | 1773 | 1777 | rBV | 23985 | 24363 | 1.02% | 0.135% |
| 14 | 12.898 | 1833 | 1838 | 1841 | rBV | 2232425 | 2137115 | 89.69% | 11.862% |
| 15 | 13.821 | 1986 | 1995 | 2012 | rBV6 | 61999 | 210990 | 8.85% | 1.171% |
| 16 | 13.951 | 2012 | 2017 | 2020 | rBV | 852444 | 776012 | 32.57% | 4.307% |
| 17 | 14.127 | 2042 | 2047 | 2051 | rBV | 33223 | 31012 | 1.30% | 0.172% |
| 18 | 14.439 | 2095 | 2100 | 2104 | rBV | 35930 | 34936 | 1.47% | 0.194% |
| 19 | 14.745 | 2149 | 2152 | 2156 | rVB | 42729 | 41573 | 1.74% | 0.231% |
| 20 | 15.080 | 2204 | 2209 | 2215 | rBV | 57204 | 65752 | 2.76% | 0.365% |
| 21 | 15.409 | 2259 | 2265 | 2269 | rBV | 507323 | 636325 | 26.70% | 3.532% |
| 22 | 15.451 | 2269 | 2272 | 2277 | rVB | 57176 | 70955 | 2.98% | 0.394% |
| 23 | 15.880 | 2339 | 2345 | 2350 | rVB | 46438 | 66884 | 2.81% | 0.371% |
| 24 | 16.368 | 2423 | 2428 | 2436 | rBV3 | 34920 | 61656 | 2.59% | 0.342% |
| 25 | 16.950 | 2520 | 2527 | 2534 | rVB3 | 20320 | 42565 | 1.79% | 0.236% |
| 26 | 17.633 | 2635 | 2643 | 2648 | rBV3 | 14637 | 37068 | 1.56% | 0.206% |

Sum of corrected areas: 18016408

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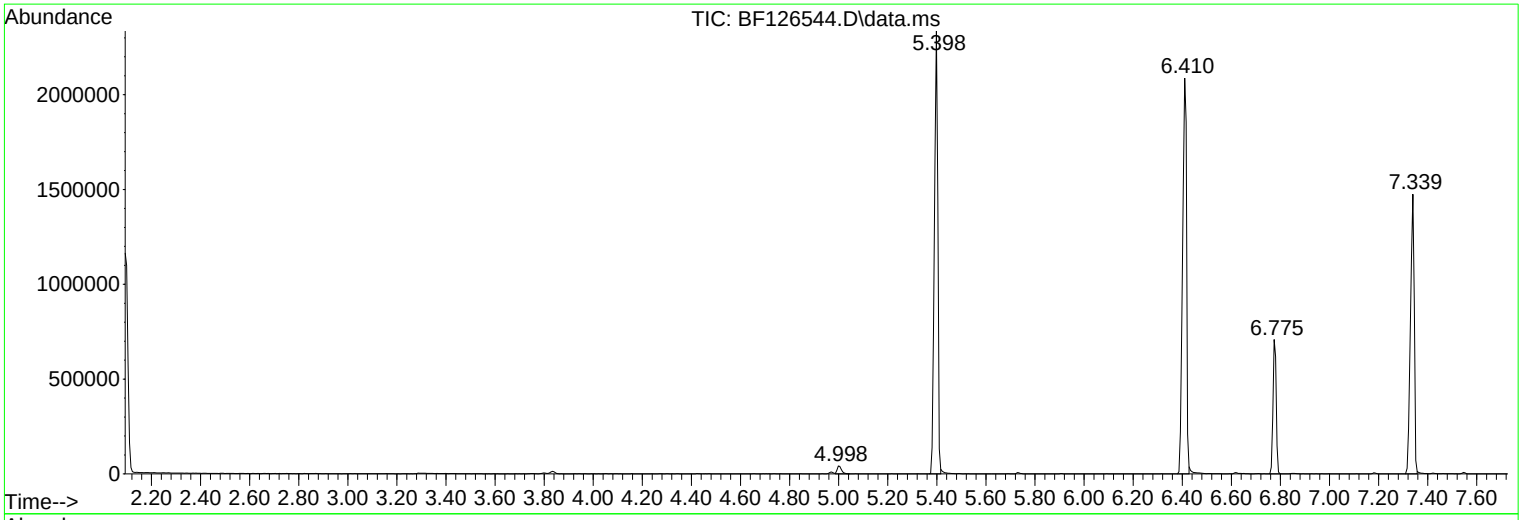
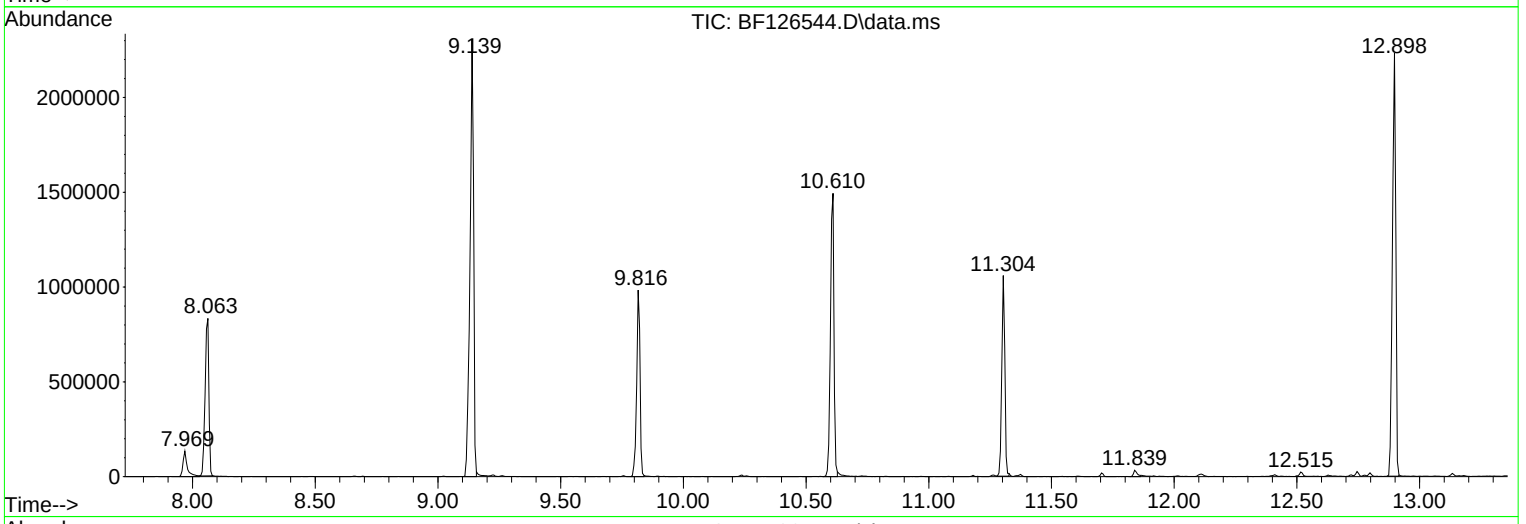
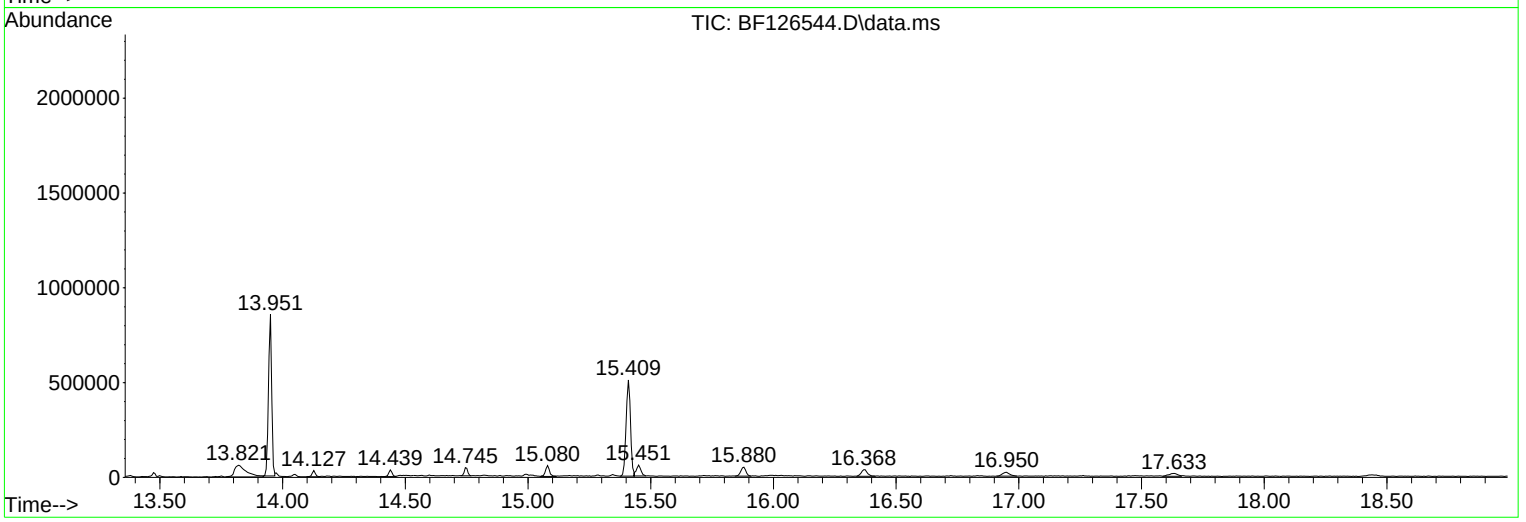
**Instrument :**
BNA_F
**ClientSampleId :**
AMI-9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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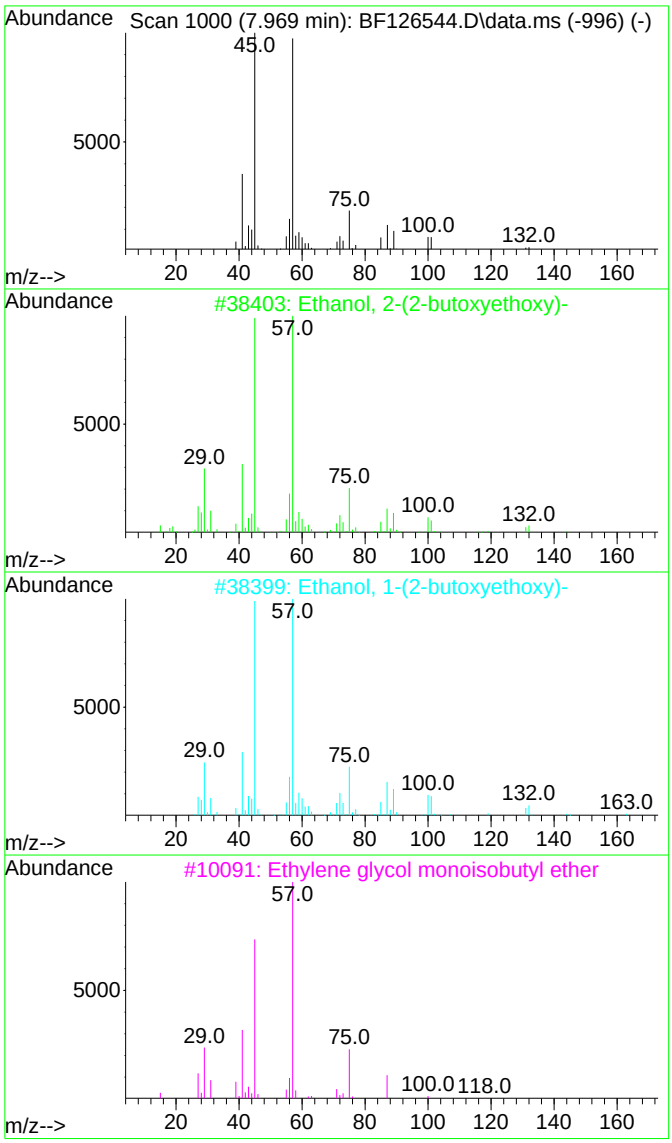
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

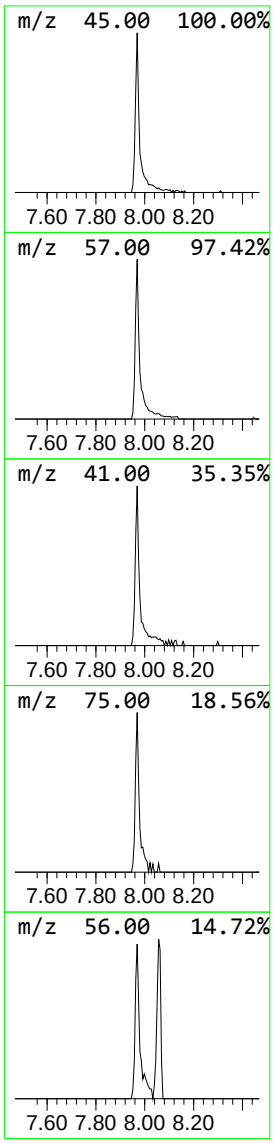
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 1 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.969 | 3.71 ng | 163844 | Naphthalene-d8 | 8.063 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Ethanol, 2-(2-butoxyethoxy)- | 162 | C8H18O3 | 000112-34-5 | 90 |
| 2 | Ethanol, 1-(2-butoxyethoxy)- | 162 | C8H18O3 | 054446-78-5 | 90 |
| 3 | Ethylene glycol monoisobutyl ether | 118 | C6H14O2 | 004439-24-1 | 64 |
| 4 | Di-sec-Butyl ether | 130 | C8H18O | 006863-58-7 | 53 |
| 5 | Pentaethylene glycol | 238 | C10H22O6 | 004792-15-8 | 50 |



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Operator : JU/CG
Sample : N1065-34
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
AMI-9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

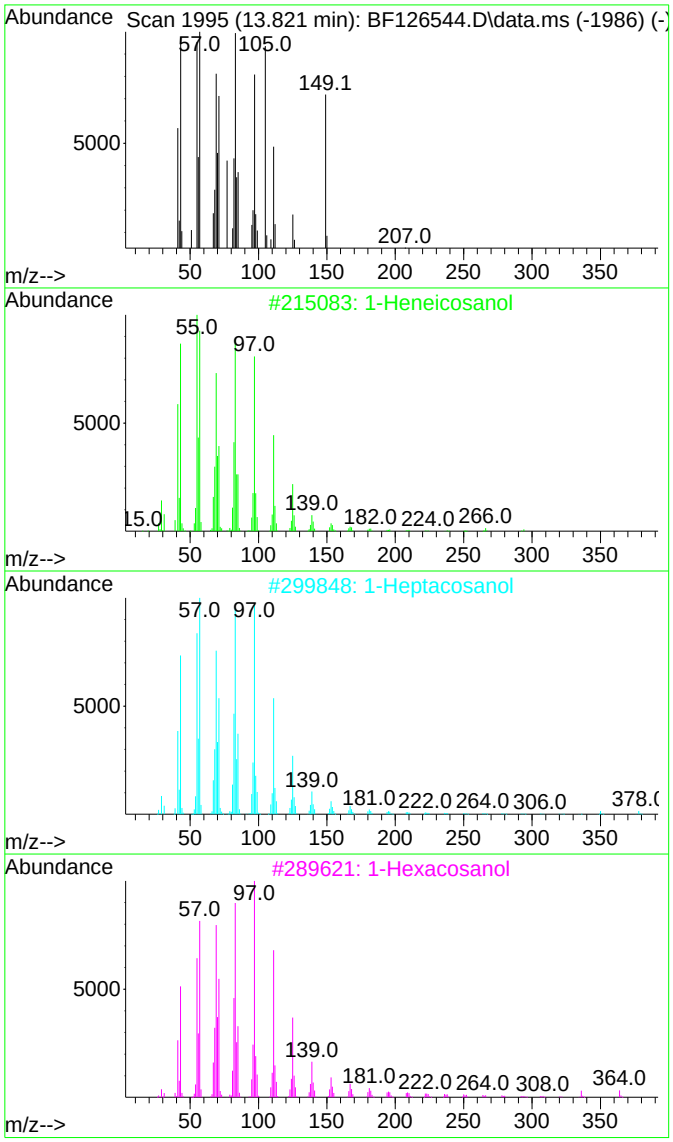
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

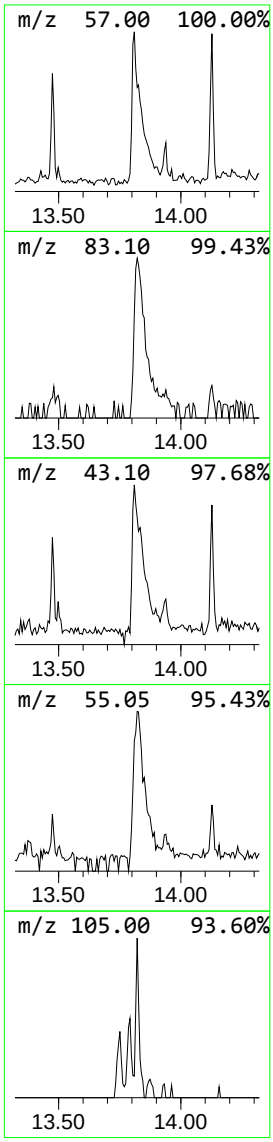
**********

Peak Number 2 1-Heneicosanol Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.821 | 5.44 ng | 210990 | Chrysene-d12 | 13.951 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Heneicosanol | 312 | C21H44O | 015594-90-8 | 81 |
| 2 | 1-Heptacosanol | 396 | C27H56O | 002004-39-9 | 81 |
| 3 | 1-Hexacosanol | 382 | C26H54O | 000506-52-5 | 81 |
| 4 | n-Tetracosanol-1 | 354 | C24H50O | 000506-51-4 | 81 |
| 5 | n-Nonadecanol-1 | 284 | C19H40O | 001454-84-8 | 81 |



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Sample : N1065-34
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
AMI-9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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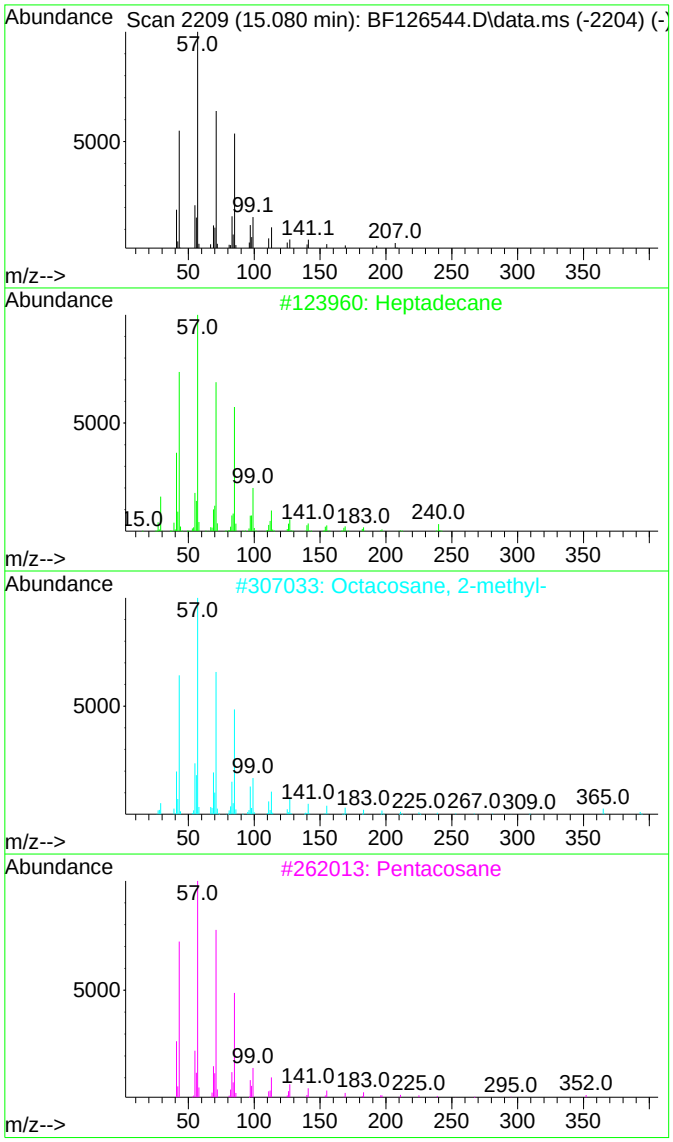
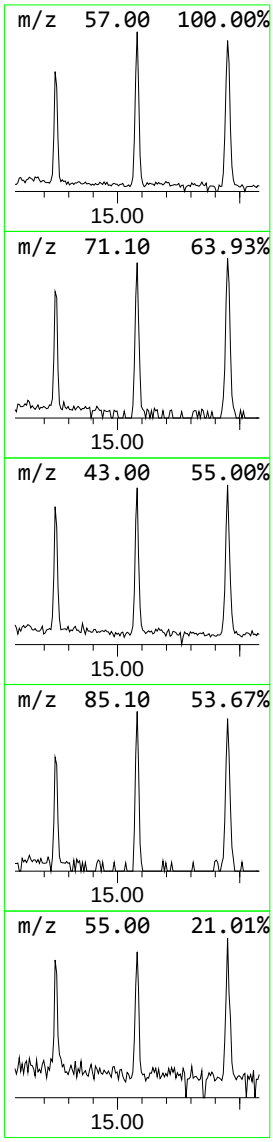
Peak Number 3 Heptadecane Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.080 | 2.07 ng | 65752 | Perylene-d12 | 15.409 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heptadecane | 240 | C17H36 | 000629-78-7 | 91 |
| 2 | Octacosane, 2-methyl- | 408 | C29H60 | 001560-98-1 | 91 |
| 3 | Pentacosane | 352 | C25H52 | 000629-99-2 | 91 |
| 4 | 2-Methyltetracosane | 352 | C25H52 | 001560-78-7 | 91 |
| 5 | Hexacosane | 366 | C26H54 | 000630-01-3 | 91 |



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ALS Vial : 14 Sample Multiplier: 1

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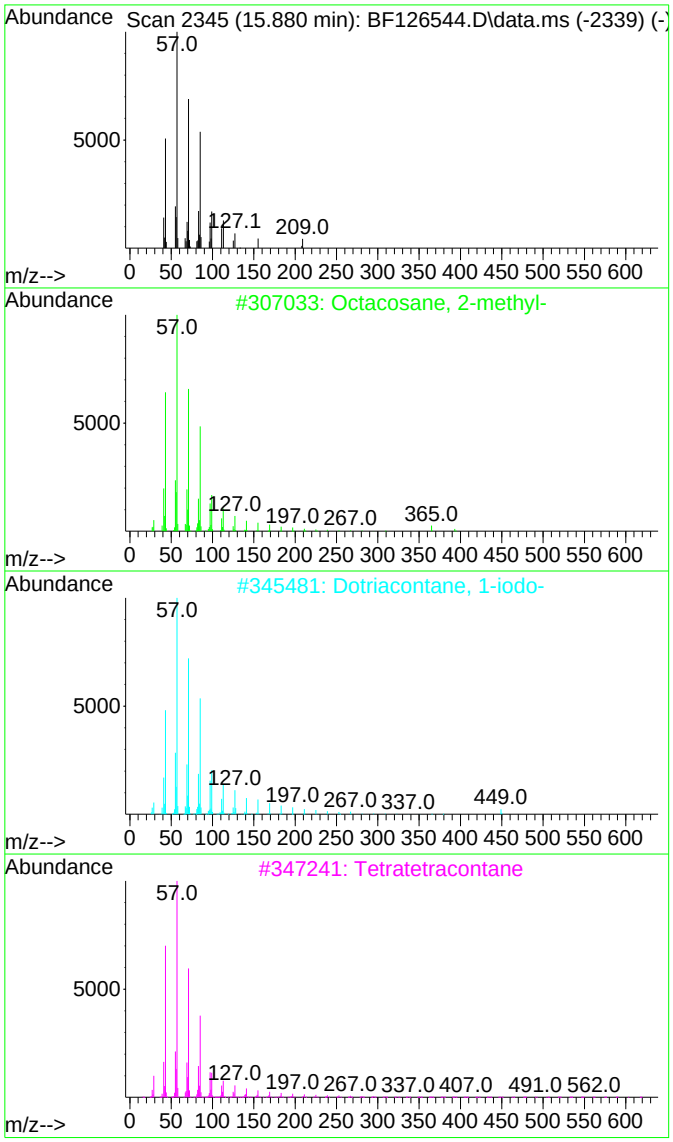
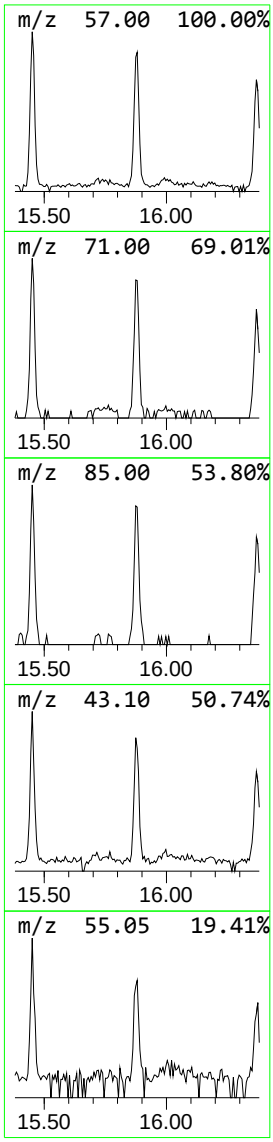
Peak Number 4 Octacosane, 2-methyl- Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.880 | 2.10 ng | 66884 | Perylene-d12 | 15.409 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Octacosane, 2-methyl- | 408 | C29H60 | 001560-98-1 | 91 |
| 2 | Dotriacontane, 1-iodo- | 576 | C32H65I | 1000406-32-4 | 90 |
| 3 | Tetratetracontane | 619 | C44H90 | 007098-22-8 | 90 |
| 4 | Hentriacontane | 437 | C31H64 | 000630-04-6 | 86 |
| 5 | Hexacosane | 366 | C26H54 | 000630-01-3 | 86 |



Tentatively Identified Compound (LSC) summary

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ALS Vial : 14 Sample Multiplier: 1

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BNA_F
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

| | | | | | Internal Standard | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| Ethanol, 2-(2-b... | 7.969 | 3.7 | ng | 163844 | 2 | 8.063 | 884375 | 20.0 |
| 1-Heneicosanol | 13.821 | 5.4 | ng | 210990 | 5 | 13.951 | 776012 | 20.0 |
| Heptadecane | 15.080 | 2.1 | ng | 65752 | 6 | 15.409 | 636325 | 20.0 |
| Octacosane, 2-m... | 15.880 | 2.1 | ng | 66884 | 6 | 15.409 | 636325 | 20.0 |