LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF113023\
Data File : BF136307.D
Acq On : 30 Nov 2023 11:36
Operator : CG\JU
Sample : PB157351TB
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
PB157351TB

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-BF112723.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF136307.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.081 | 504 | 509 | 516 | rVB | 44196 | 61856 | 1.07% | 0.194% |
| 2 | 5.451 | 567 | 572 | 575 | rBV | 3853716 | 4164868 | 71.77% | 13.094% |
| 3 | 6.445 | 734 | 741 | 743 | rBV | 3564929 | 4061139 | 69.98% | 12.768% |
| 4 | 6.804 | 798 | 802 | 805 | rBV | 988124 | 769913 | 13.27% | 2.420% |
| 5 | 7.369 | 891 | 898 | 901 | rBV | 2490896 | 2677593 | 46.14% | 8.418% |
| 6 | 8.081 | 1014 | 1019 | 1022 | rBV | 1200384 | 1069305 | 18.43% | 3.362% |
| 7 | 9.163 | 1197 | 1203 | 1206 | rBV | 5982530 | 5597021 | 96.45% | 17.596% |
| 8 | 9.839 | 1312 | 1318 | 1321 | rBV | 1566998 | 1282311 | 22.10% | 4.031% |
| 9 | 10.633 | 1446 | 1453 | 1456 | rBV | 3521311 | 3205702 | 55.24% | 10.078% |
| 10 | 11.333 | 1567 | 1572 | 1575 | rBV | 1471833 | 1335658 | 23.02% | 4.199% |
| 11 | 12.933 | 1839 | 1844 | 1847 | rBV | 6208895 | 5802926 | 100.00% | 18.244% |
| 12 | 13.980 | 2018 | 2022 | 2030 | rBV | 890454 | 850270 | 14.65% | 2.673% |
| 13 | 15.468 | 2269 | 2275 | 2281 | rBV | 487087 | 633005 | 10.91% | 1.990% |
| 14 | 15.527 | 2281 | 2285 | 2289 | rVB | 52695 | 77154 | 1.33% | 0.243% |
| 15 | 15.980 | 2357 | 2362 | 2367 | rVB | 47286 | 75987 | 1.31% | 0.239% |
| 16 | 16.515 | 2446 | 2453 | 2458 | rBV | 40563 | 80374 | 1.39% | 0.253% |
| 17 | 17.139 | 2553 | 2559 | 2566 | rBV2 | 29576 | 62939 | 1.08% | 0.198% |

Sum of corrected areas: 31808021

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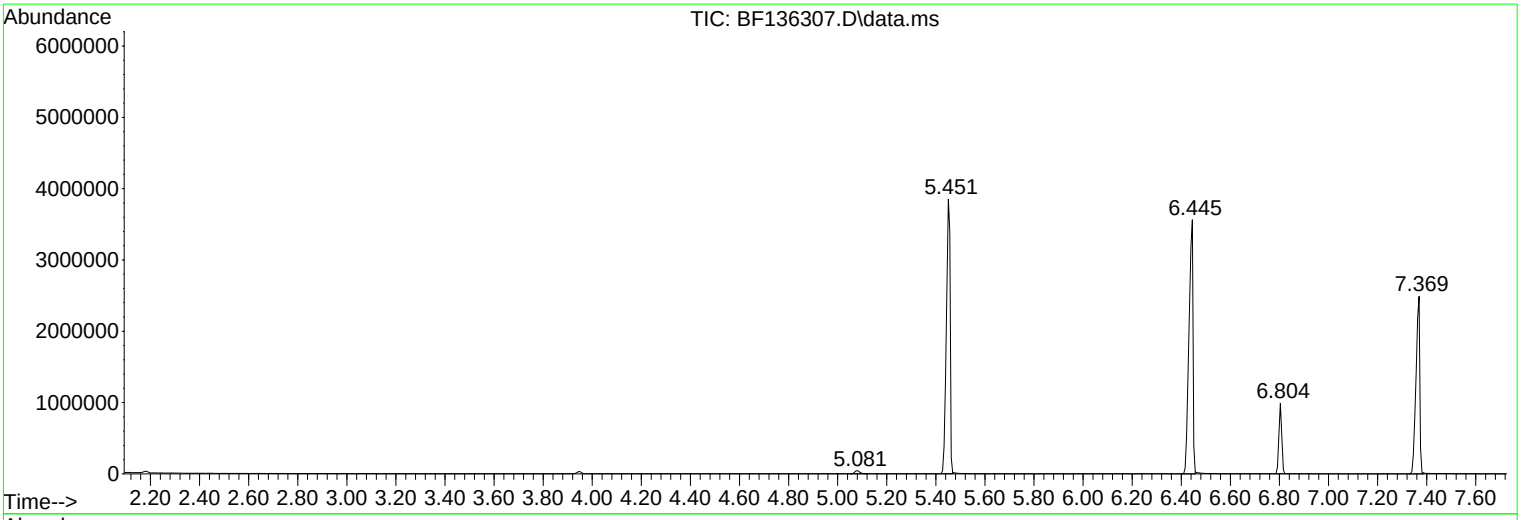
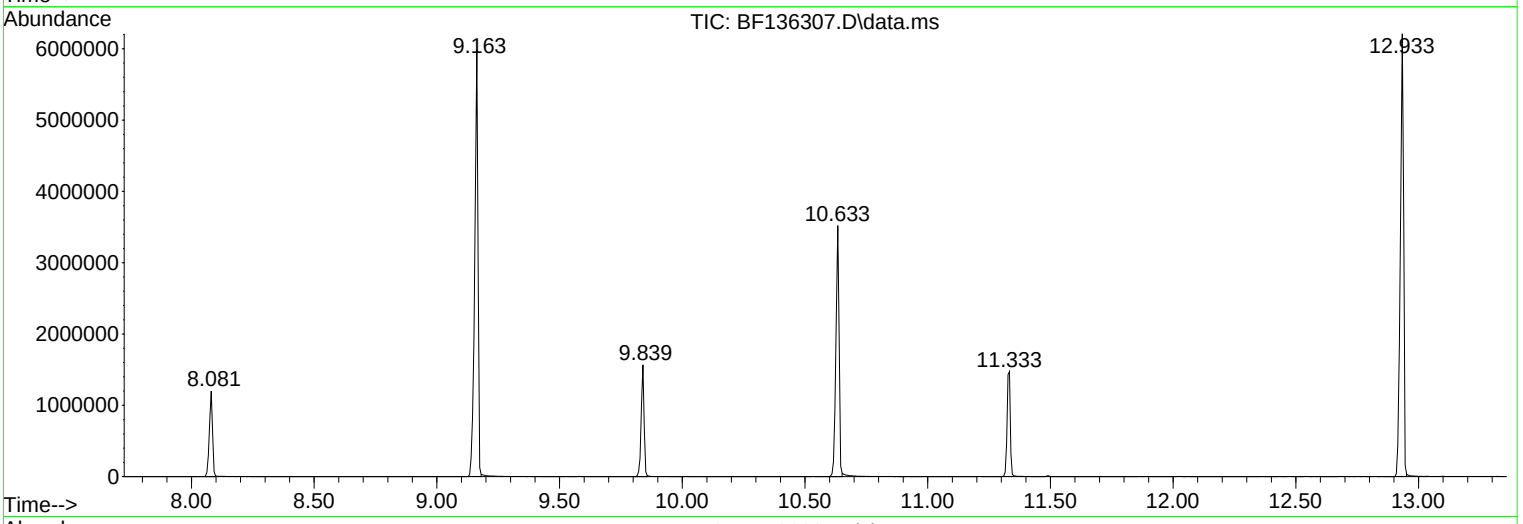
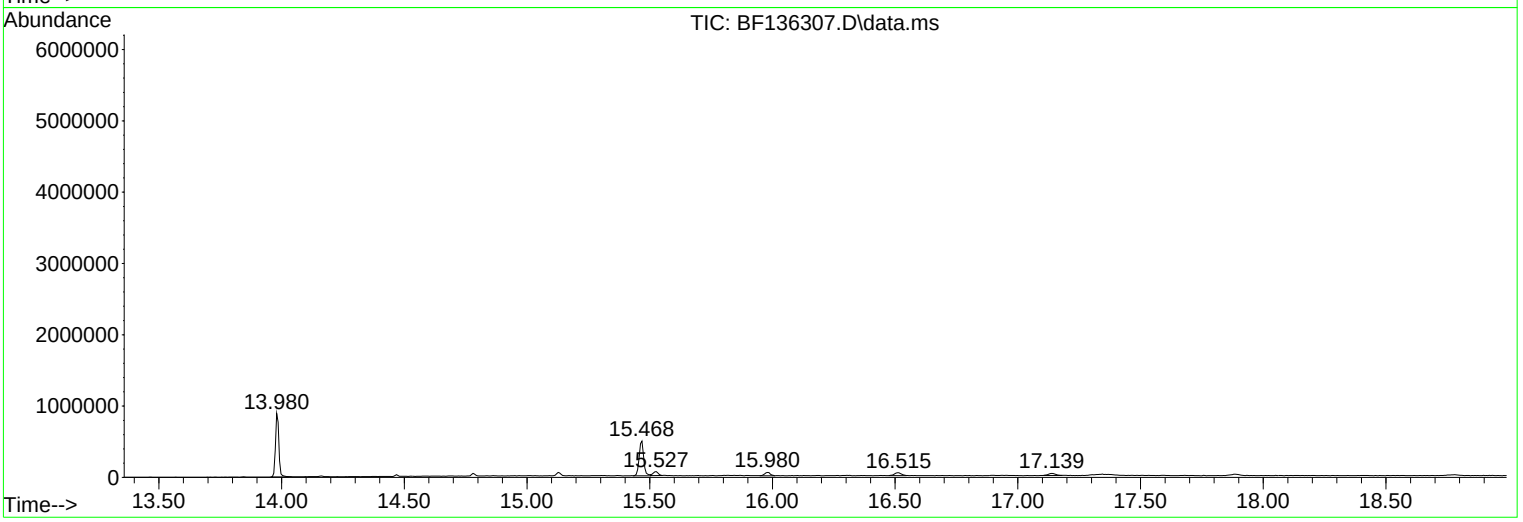
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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TIC Integration Parameters: LSCINT.P

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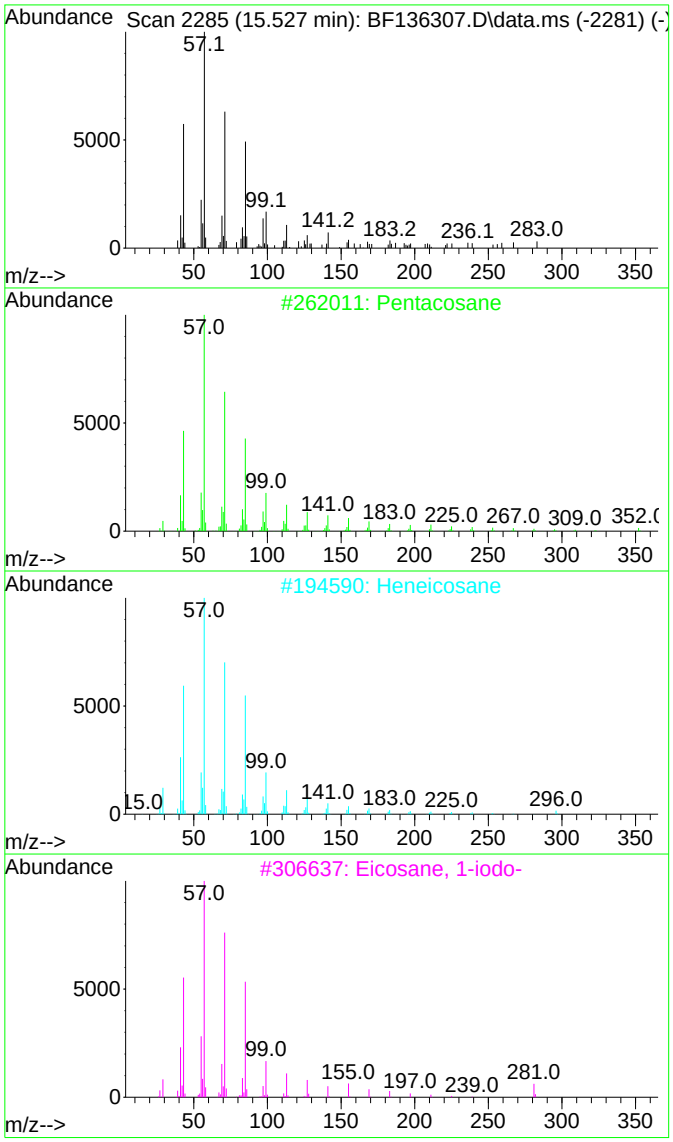
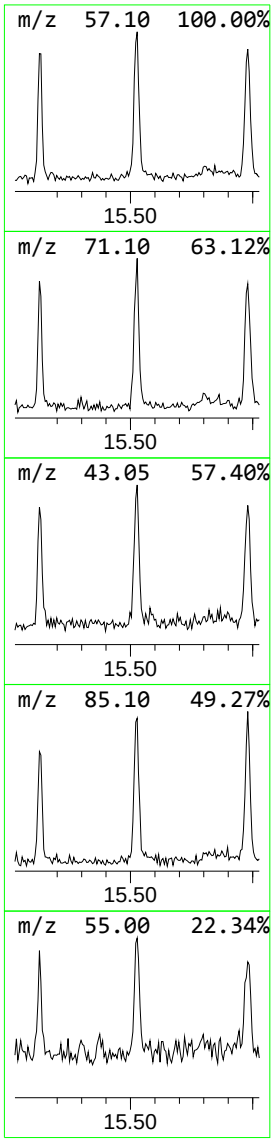
Peak Number 1 Pentacosane Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.527 | 2.44 ng | 77154 | Perylene-d12 | 15.468 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pentacosane | 352 | C25H52 | 000629-99-2 | 90 |
| 2 | Heneicosane | 296 | C21H44 | 000629-94-7 | 87 |
| 3 | Eicosane, 1-iodo- | 408 | C20H41I | 1000406-31-8 | 86 |
| 4 | 2-Bromo dodecane | 248 | C12H25Br | 013187-99-0 | 86 |
| 5 | Eicosane, 7-hexyl- | 366 | C26H54 | 055333-99-8 | 86 |



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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.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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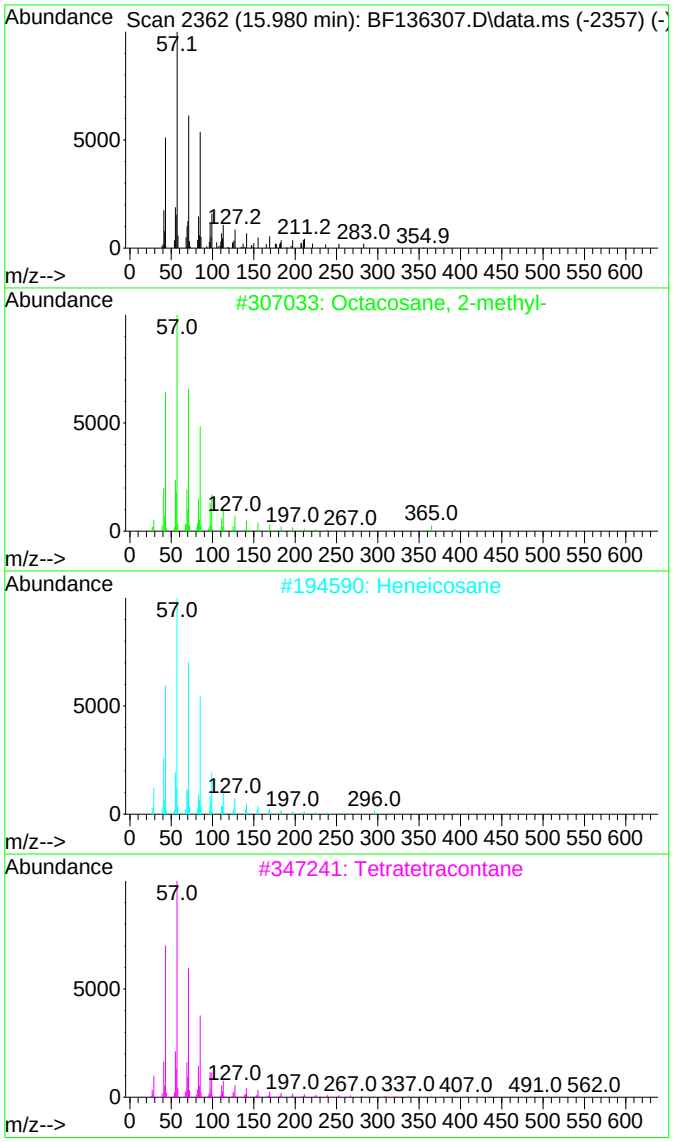
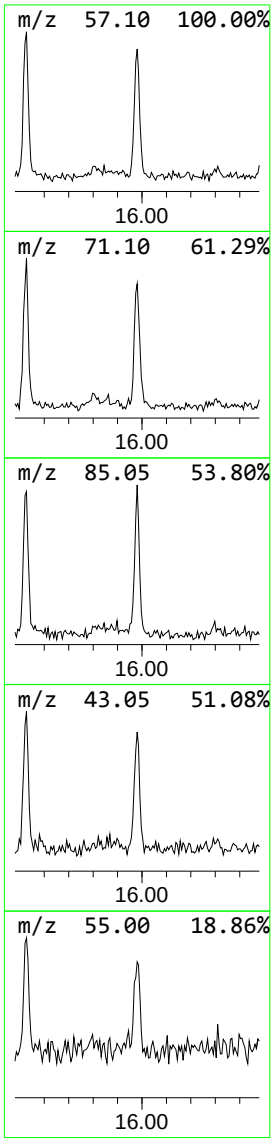
Peak Number 2 Octacosane, 2-methyl- Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.980 | 2.40 ng | 75987 | Perylene-d12 | 15.468 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Octacosane, 2-methyl- | 408 | C29H60 | 001560-98-1 | 90 |
| 2 | Heneicosane | 296 | C21H44 | 000629-94-7 | 90 |
| 3 | Tetratetracontane | 619 | C44H90 | 007098-22-8 | 90 |
| 4 | Eicosane | 282 | C20H42 | 000112-95-8 | 90 |
| 5 | Dotriacontane, 1-iodo- | 576 | C32H65I | 1000406-32-4 | 90 |



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ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
BNA_F
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
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TIC Library : C:\Database\NIST20.L
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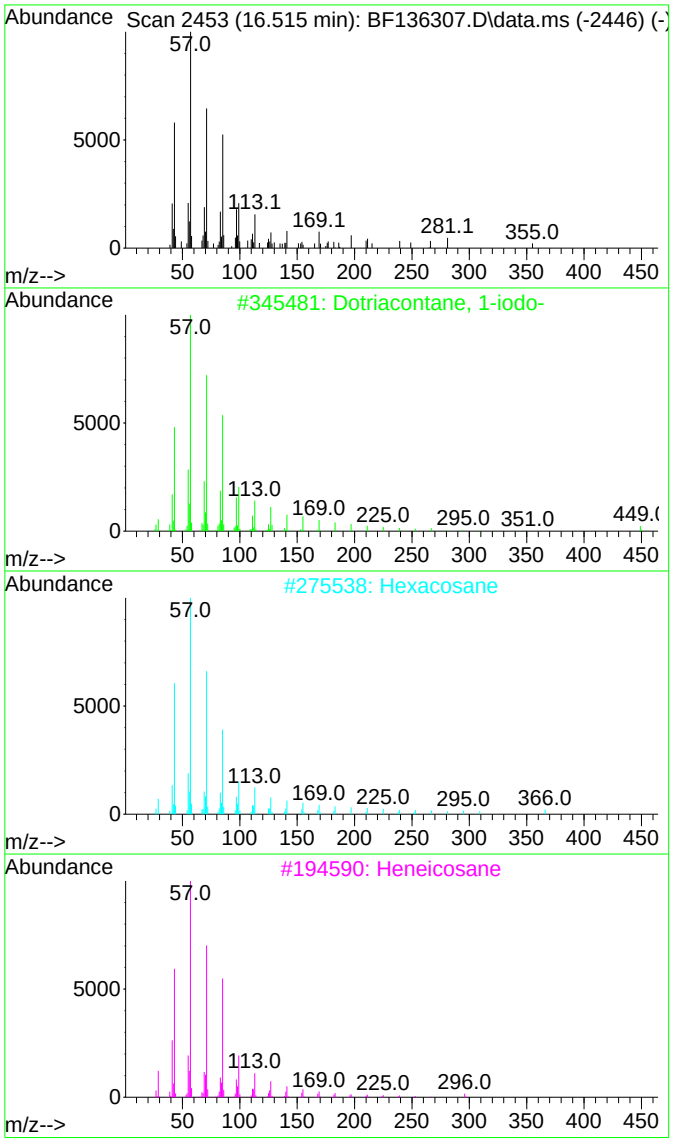
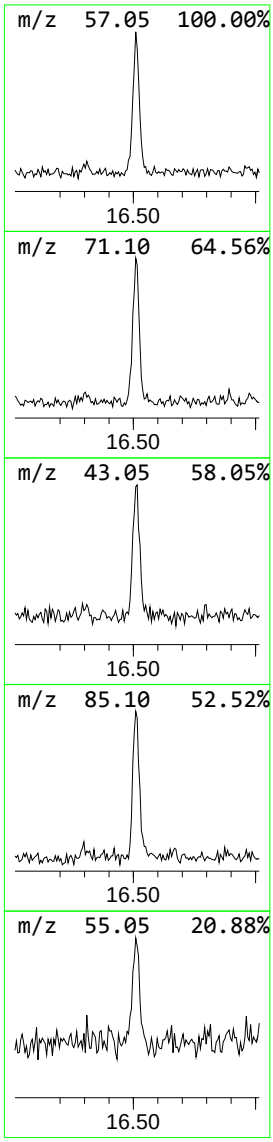
Peak Number 3 Dotriacontane, 1-iodo- Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.515 | 2.54 ng | 80374 | Perylene-d12 | 15.468 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Dotriacontane, 1-iodo- | 576 | C32H65I | 1000406-32-4 | 86 |
| 2 | Hexacosane | 366 | C26H54 | 000630-01-3 | 80 |
| 3 | Heneicosane | 296 | C21H44 | 000629-94-7 | 80 |
| 4 | Pentacosane | 352 | C25H52 | 000629-99-2 | 80 |
| 5 | Docosane, 11-butyl- | 366 | C26H54 | 013475-76-8 | 72 |



Tentatively Identified Compound (LSC) summary

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ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
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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 |
| Pentacosane | 15.527 | 2.4 | ng | 77154 | 6 | 15.468 | 633005 | 20.0 |
| Octacosane, 2-m... | 15.980 | 2.4 | ng | 75987 | 6 | 15.468 | 633005 | 20.0 |
| Dotriacontane, ... | 16.515 | 2.5 | ng | 80374 | 6 | 15.468 | 633005 | 20.0 |