# LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040219\
Data File : BF113513.D
Acq On : 2 Apr 2019 18:47
Operator : JU/SJ
Sample : K2179-19
Misc :
ALS Vial : 14 Sample Multiplier: 1

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

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-BF032519.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 | 5.304 | 543 | 547 | 571 | rBV | 2345328 | 2605170 | 88.04% | 9.570% |
| 2 | 6.339 | 719 | 723 | 740 | rBV | 2664593 | 2823350 | 95.42% | 10.371% |
| 3 | 6.463 | 740 | 744 | 755 | rVB | 3105647 | 2720520 | 91.94% | 9.994% |
| 4 | 6.692 | 779 | 783 | 793 | rBV | 914829 | 835529 | 28.24% | 3.069% |
| 5 | 6.845 | 805 | 809 | 825 | rVB | 2345938 | 2069243 | 69.93% | 7.601% |
| 6 | 7.257 | 874 | 879 | 892 | rBV | 1709573 | 1712687 | 57.88% | 6.291% |
| 7 | 7.975 | 997 | 1001 | 1016 | rBV | 1097331 | 1074712 | 36.32% | 3.948% |
| 8 | 8.457 | 1080 | 1083 | 1095 | rBV | 45371 | 99912 | 3.38% | 0.367% |
| 9 | 9.045 | 1179 | 1183 | 1186 | rBV | 3644640 | 2958980 | 100.00% | 10.870% |
| 10 | 9.439 | 1247 | 1250 | 1255 | rBV | 244686 | 202138 | 6.83% | 0.743% |
| 11 | 9.716 | 1294 | 1297 | 1307 | rVB | 1244290 | 1186422 | 40.10% | 4.358% |
| 12 | 10.504 | 1427 | 1431 | 1445 | rBV | 1914666 | 1936826 | 65.46% | 7.115% |
| 13 | 11.198 | 1545 | 1549 | 1556 | rBV | 1350782 | 1157102 | 39.10% | 4.251% |
| 14 | 11.733 | 1637 | 1640 | 1654 | rBV | 176116 | 236159 | 7.98% | 0.868% |
| 15 | 12.515 | 1770 | 1773 | 1784 | rBV2 | 46822 | 65950 | 2.23% | 0.242% |
| 16 | 12.780 | 1813 | 1818 | 1821 | rBV | 2763070 | 2469316 | 83.45% | 9.071% |
| 17 | 13.686 | 1969 | 1972 | 1974 | rBV2 | 50310 | 55834 | 1.89% | 0.205% |
| 18 | 13.827 | 1992 | 1996 | 2004 | rVB | 1086409 | 994002 | 33.59% | 3.651% |
| 19 | 13.998 | 2022 | 2025 | 2029 | rVB | 60282 | 50697 | 1.71% | 0.186% |
| 20 | 14.304 | 2065 | 2077 | 2088 | rVB6 | 114518 | 310915 | 10.51% | 1.142% |
| 21 | 14.598 | 2123 | 2127 | 2130 | rBV | 95592 | 103649 | 3.50% | 0.381% |
| 22 | 14.662 | 2135 | 2138 | 2143 | rVB4 | 32610 | 41121 | 1.39% | 0.151% |
| 23 | 14.904 | 2176 | 2179 | 2184 | rVB | 95786 | 101229 | 3.42% | 0.372% |
| 24 | 15.233 | 2230 | 2235 | 2246 | rBV | 910860 | 1202122 | 40.63% | 4.416% |
| 25 | 15.645 | 2301 | 2305 | 2310 | rBV | 74382 | 108606 | 3.67% | 0.399% |
| 26 | 16.103 | 2379 | 2383 | 2395 | rVB | 53930 | 100156 | 3.38% | 0.368% |

Sum of corrected areas: 27222347

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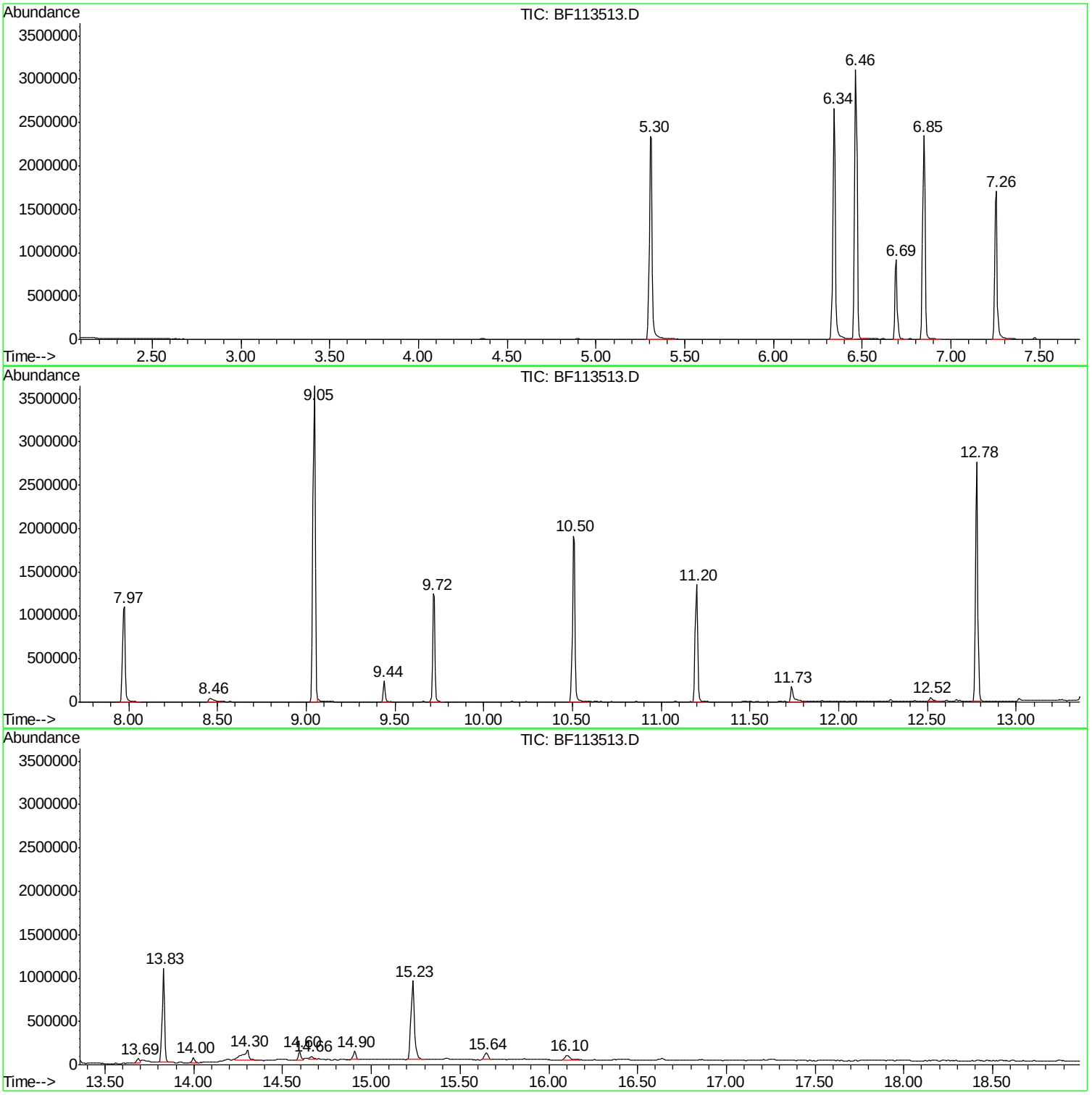
BNA_F
**ClientSampleId :**
TP-5S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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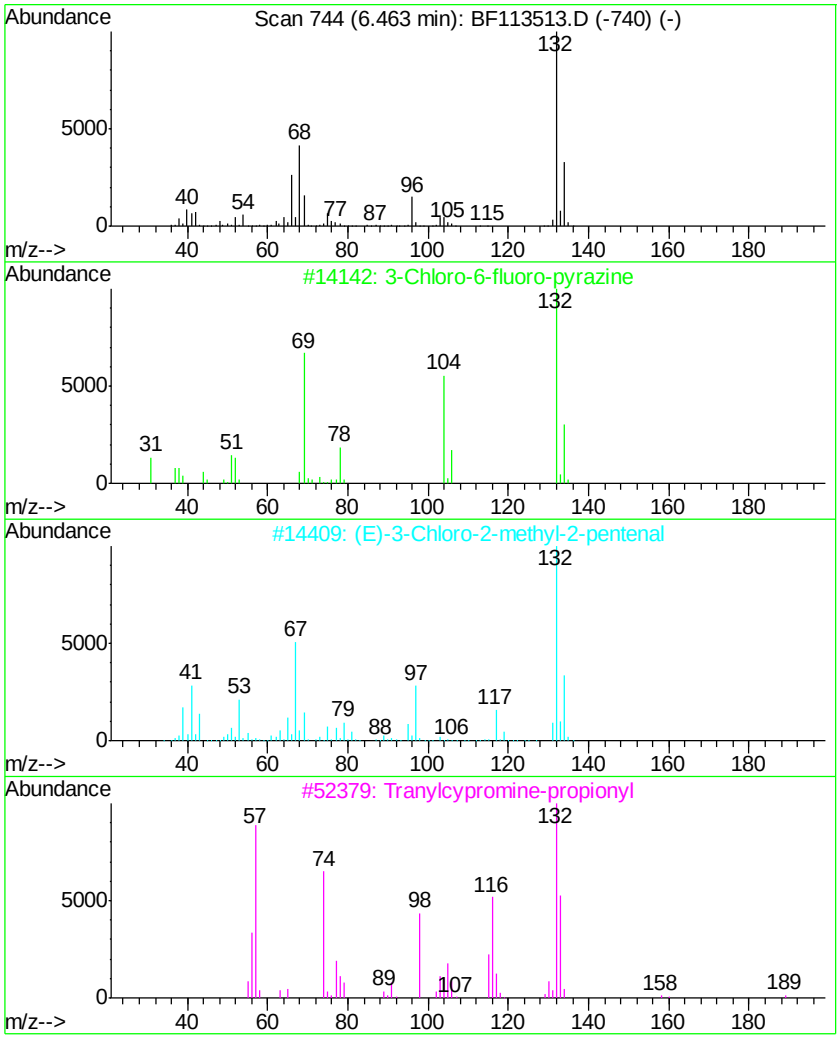
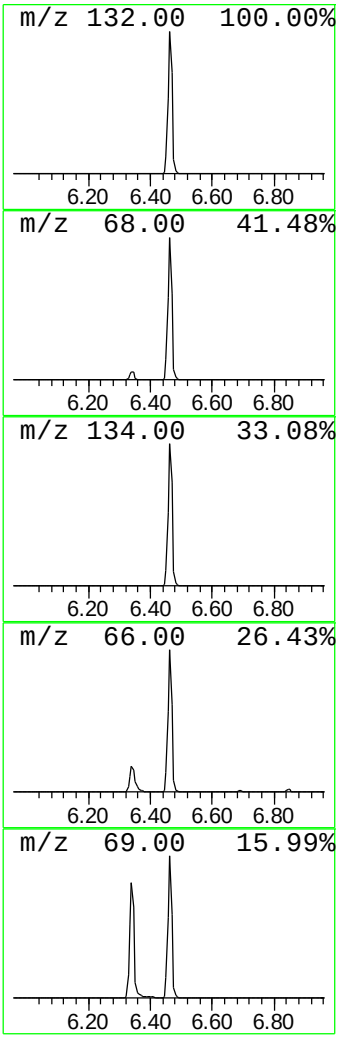
Peak Number 1 unknown6.46 Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.46 | 65.12 ng | 2720520 | 1,4-Dichlorobenzene-d4 | 6.69 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 3-Chloro-6-fluoro-pyrazine | 132 | C4H2ClFN2 | 1000146-10-7 | 27 |
| 2 | (E)-3-Chloro-2-methyl-2-pentenal | 132 | C6H9ClO | 031357-76-3 | 12 |
| 3 | Tranylcypromine-propionyl | 189 | C12H15NO | 1000123-86-3 | 12 |
| 4 | Amphetaminil | 250 | C17H18N2 | 017590-01-1 | 12 |
| 5 | 5-Aminoindole | 132 | C8H8N2 | 005192-03-0 | 12 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040219\
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**Instrument :** BNA_F
**ClientSampleId :** TP-5S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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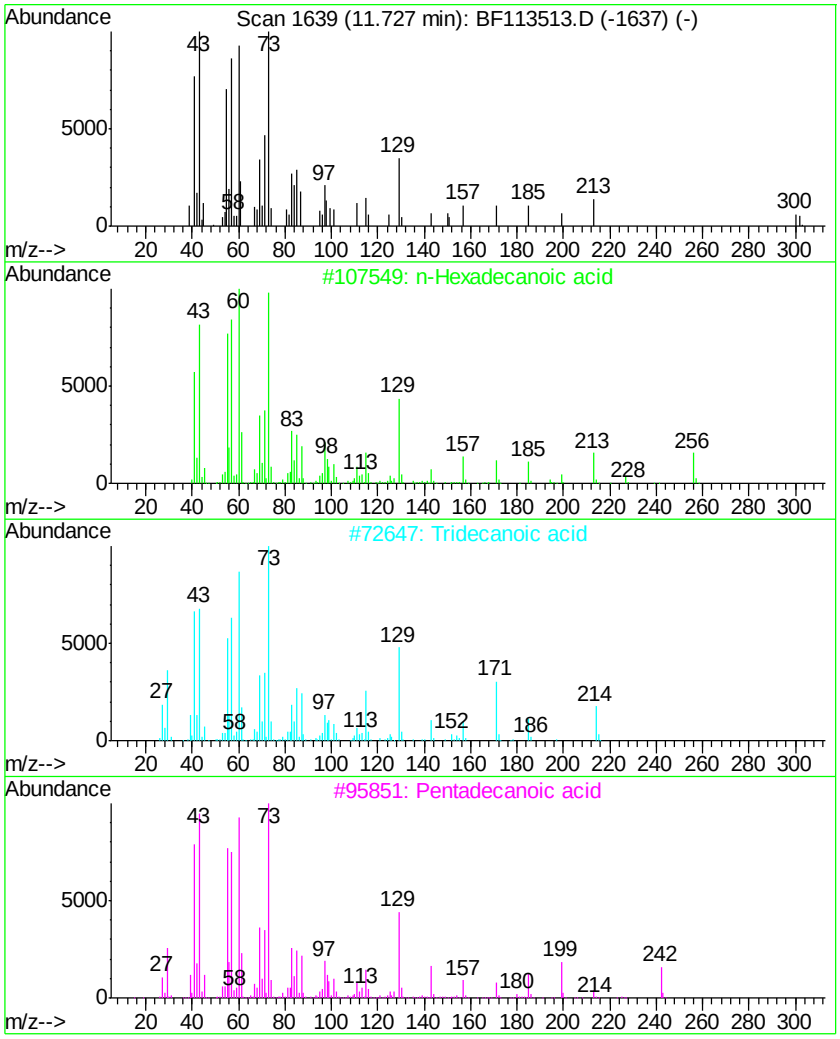
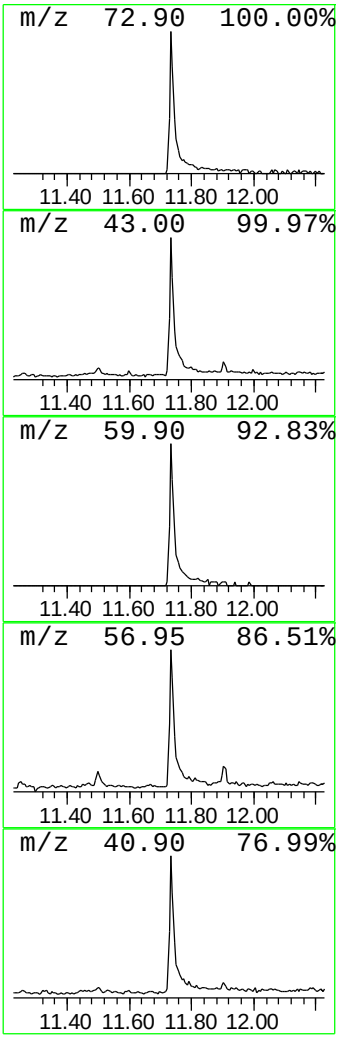
Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.73 | 4.08 ng | 236159 | Phenanthrene-d10 | 11.20 |

| 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 | 94 |
| 3 | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 91 |
| 4 | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 90 |
| 5 | Estra-1,3,5(10)-trien-17.beta.-ol | 256 | C18H24O | 002529-64-8 | 30 |



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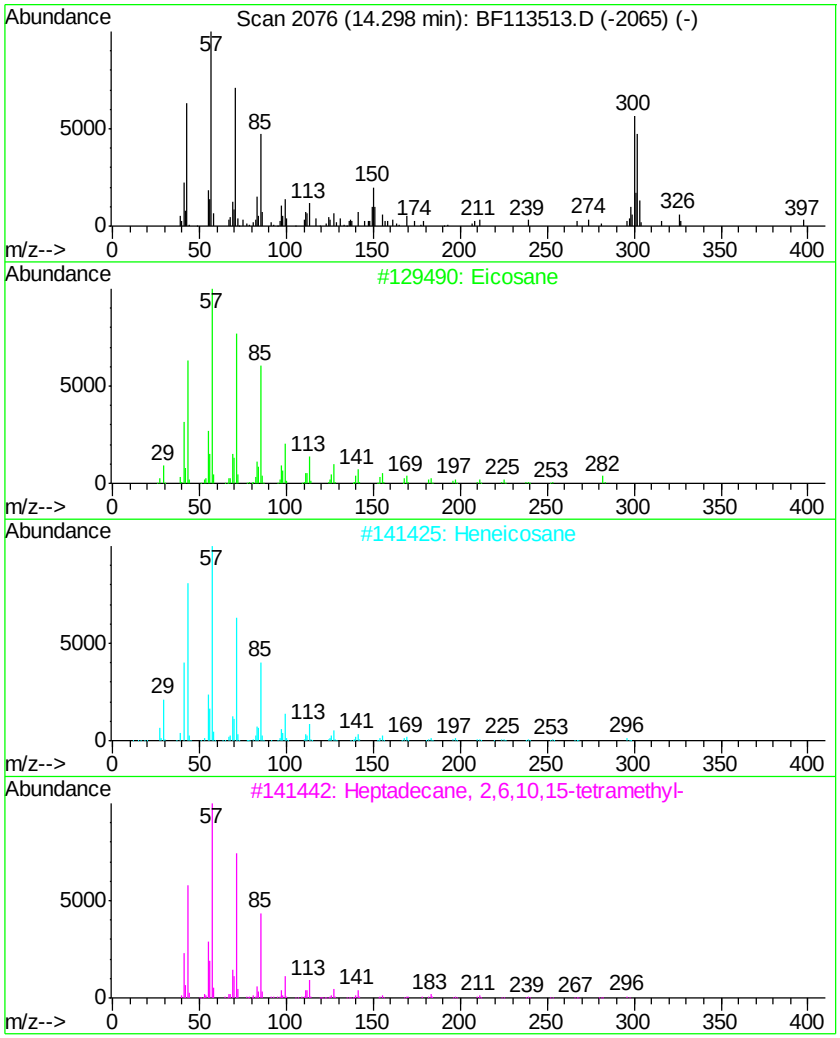
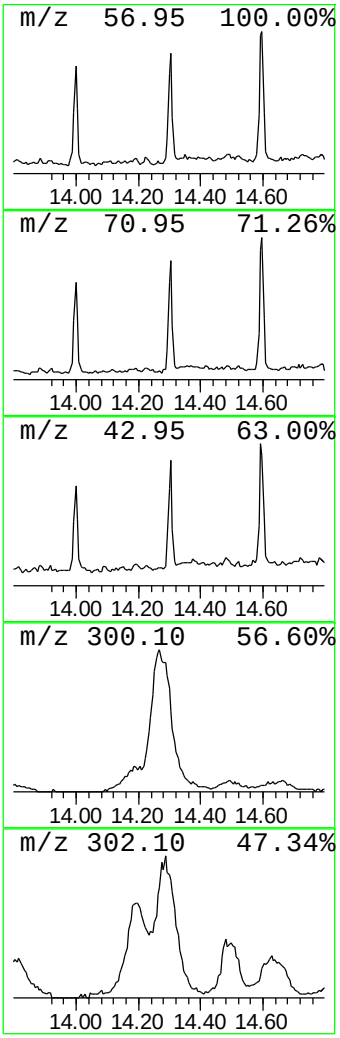
Peak Number 4 Eicosane Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.30 | 6.26 ng | 310915 | Chrysene-d12 | 13.83 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Eicosane | 282 | C20H42 | 000112-95-8 | 89 |
| 2 | Heneicosane | 296 | C21H44 | 000629-94-7 | 70 |
| 3 | Heptadecane, 2,6,10,15-tetramethyl- | 296 | C21H44 | 054833-48-6 | 70 |
| 4 | Triacontane | 422 | C30H62 | 000638-68-6 | 49 |
| 5 | Tetracosane | 338 | C24H50 | 000646-31-1 | 49 |



Tentatively Identified Compound (LSC) summary

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| | | | | | Internal Standard | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| unknown6.46 | 6.46 | 65.1 | ng | 2720520 | 1 | 6.69 | 835529 | 20.0 |
| n-Hexadecanoic acid | 11.73 | 4.1 | ng | 236159 | 4 | 11.20 | 1157100 | 20.0 |
| Eicosane | 14.30 | 6.3 | ng | 310915 | 5 | 13.83 | 994002 | 20.0 |