LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071117\
Data File : BF096642.D
Acq On : 11 Jul 2017 14:12
Operator : SJ/JU
Sample : I4114-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** NAA-SAND

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:\HPCHEM1\BNA_F\METHODS\8270-BF070117.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 | 4.869 | 468 | 473 | 482 | rVB | 379775 | 499302 | 20.09% | 2.325% |
| 2 | 5.298 | 541 | 546 | 549 | rBV | 2355161 | 2291324 | 92.20% | 10.672% |
| 3 | 6.328 | 715 | 721 | 728 | rBV | 2154694 | 2362127 | 95.05% | 11.001% |
| 4 | 6.457 | 738 | 743 | 746 | rBV | 2293808 | 2295810 | 92.38% | 10.693% |
| 5 | 6.681 | 778 | 781 | 785 | rBV | 699963 | 608583 | 24.49% | 2.834% |
| 6 | 6.839 | 804 | 808 | 812 | rBV | 1937988 | 1754409 | 70.60% | 8.171% |
| 7 | 7.245 | 872 | 877 | 880 | rBV | 1582646 | 1459755 | 58.74% | 6.799% |
| 8 | 7.963 | 995 | 999 | 1003 | rBV | 925996 | 840826 | 33.84% | 3.916% |
| 9 | 9.045 | 1177 | 1183 | 1186 | rBV | 2487605 | 2485048 | 100.00% | 11.574% |
| 10 | 9.433 | 1245 | 1249 | 1253 | rBV | 313691 | 248589 | 10.00% | 1.158% |
| 11 | 9.716 | 1292 | 1297 | 1301 | rBV2 | 966862 | 886090 | 35.66% | 4.127% |
| 12 | 10.504 | 1426 | 1431 | 1434 | rBV | 1320636 | 1347169 | 54.21% | 6.274% |
| 13 | 10.633 | 1450 | 1453 | 1462 | rVB | 51592 | 54390 | 2.19% | 0.253% |
| 14 | 11.080 | 1524 | 1529 | 1531 | rBV2 | 30821 | 26296 | 1.06% | 0.122% |
| 15 | 11.192 | 1544 | 1548 | 1552 | rBV | 948903 | 832883 | 33.52% | 3.879% |
| 16 | 12.610 | 1785 | 1789 | 1793 | rBV2 | 27055 | 28232 | 1.14% | 0.131% |
| 17 | 12.780 | 1813 | 1818 | 1821 | rBV | 2118003 | 2115860 | 85.14% | 9.854% |
| 18 | 13.680 | 1967 | 1971 | 1982 | rBV | 107711 | 125761 | 5.06% | 0.586% |
| 19 | 13.821 | 1991 | 1995 | 1999 | rBV | 782118 | 676803 | 27.24% | 3.152% |
| 20 | 15.221 | 2228 | 2233 | 2238 | rBV | 476079 | 531783 | 21.40% | 2.477% |

Sum of corrected areas: 21471040

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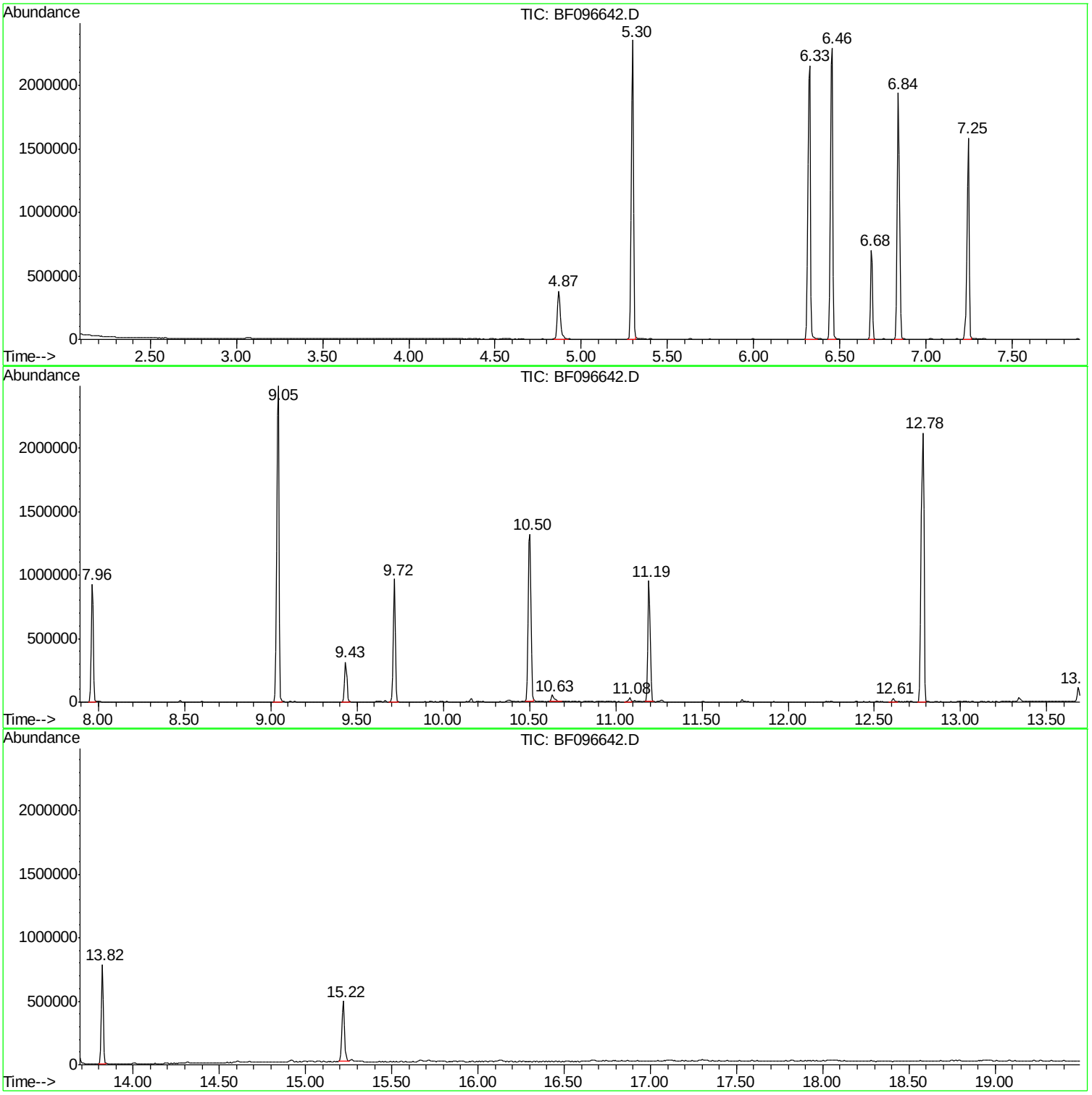
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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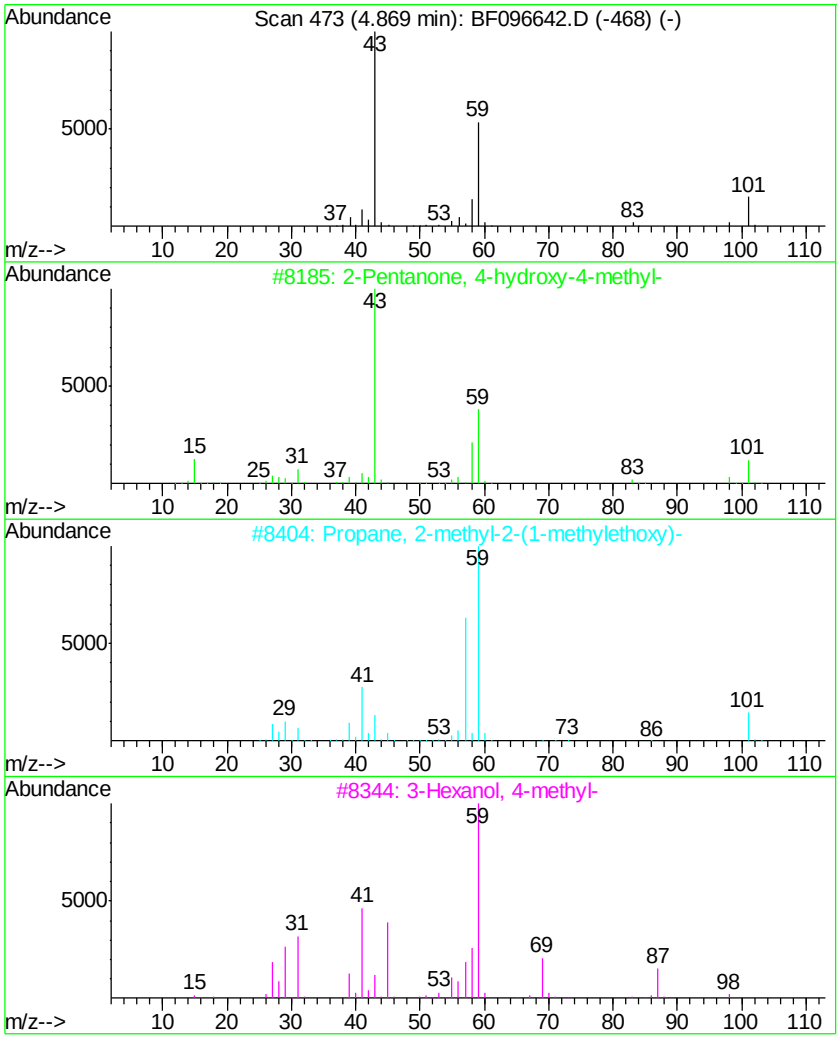
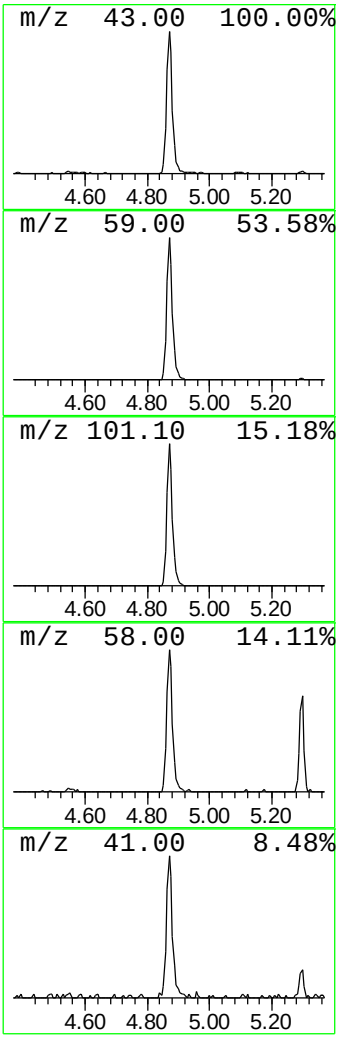
Peak Number 1 unknown4.87 Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 4.87 | 16.41 ng | 499302 | 1,4-Dichlorobenzene-d4 | 6.68 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2 | 000123-42-2 | 40 |
| 2 | Propane, 2-methyl-2-(1-methyleth... | 116 | C7H16O | 017348-59-3 | 36 |
| 3 | 3-Hexanol, 4-methyl- | 116 | C7H16O | 000615-29-2 | 33 |
| 4 | 2-Hexanol, 2-methyl- | 116 | C7H16O | 000625-23-0 | 28 |
| 5 | Acetic acid, cyano-, 1,1-dimethy... | 141 | C7H11NO2 | 001116-98-9 | 23 |



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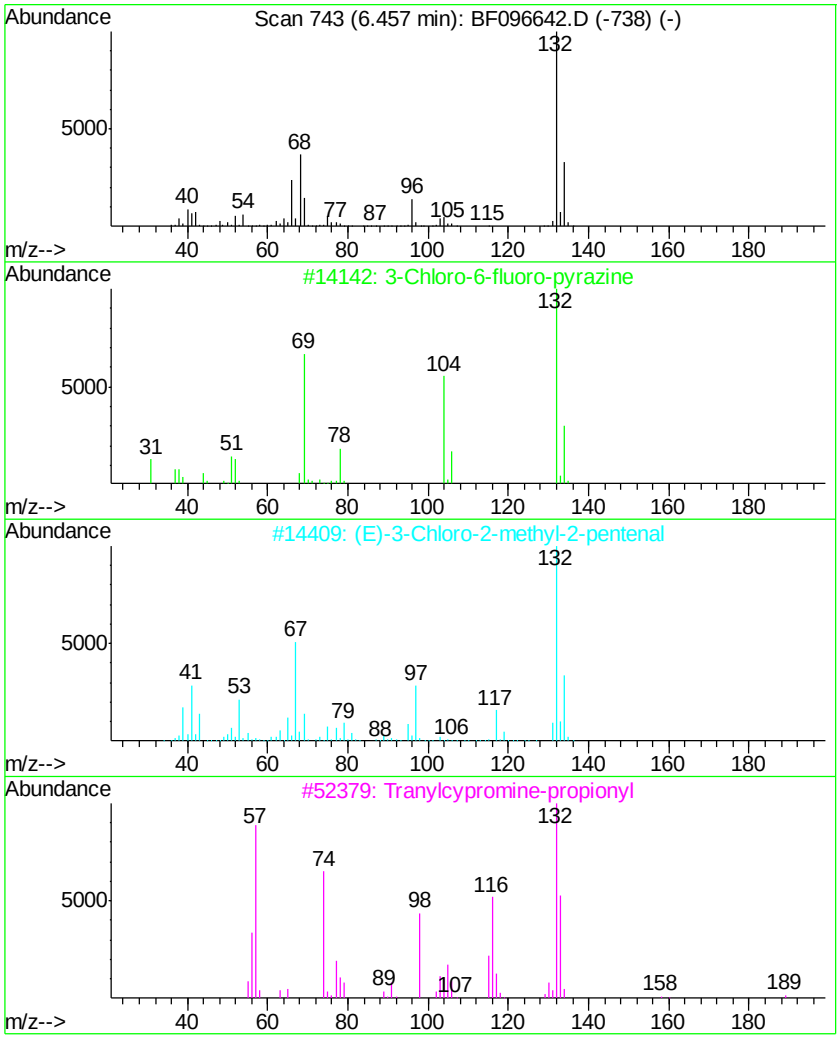
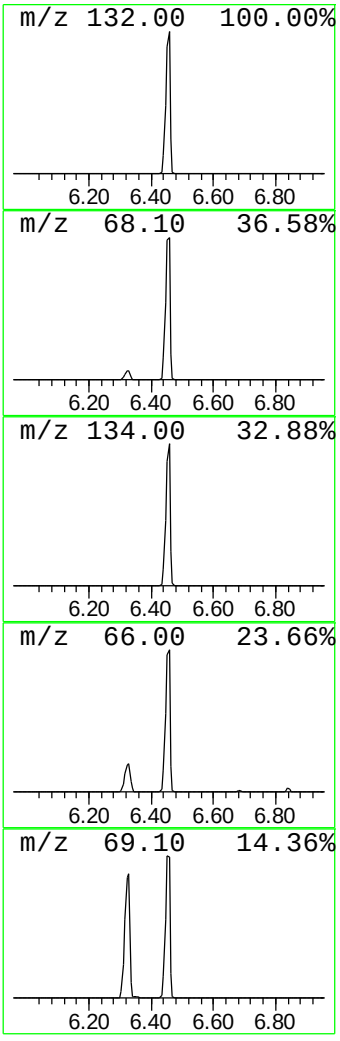
Peak Number 2 unknown6.46 Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.46 | 75.45 ng | 2295810 | 1,4-Dichlorobenzene-d4 | 6.68 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 3-Chloro-6-fluoro-pyrazine | 132 | C4H2ClFN2 | 1000146-10-7 | 35 |
| 2 | (E)-3-Chloro-2-methyl-2-pentenal | 132 | C6H9ClO | 031357-76-3 | 17 |
| 3 | Tranylcypromine-propionyl | 189 | C12H15NO | 1000123-86-3 | 12 |
| 4 | Imidazole, 4,5-dicyano-1-methyl- | 132 | C6H4N4 | 019485-35-9 | 9 |
| 5 | 1,3,5-Trifluorobenzene | 132 | C6H3F3 | 000372-38-3 | 9 |



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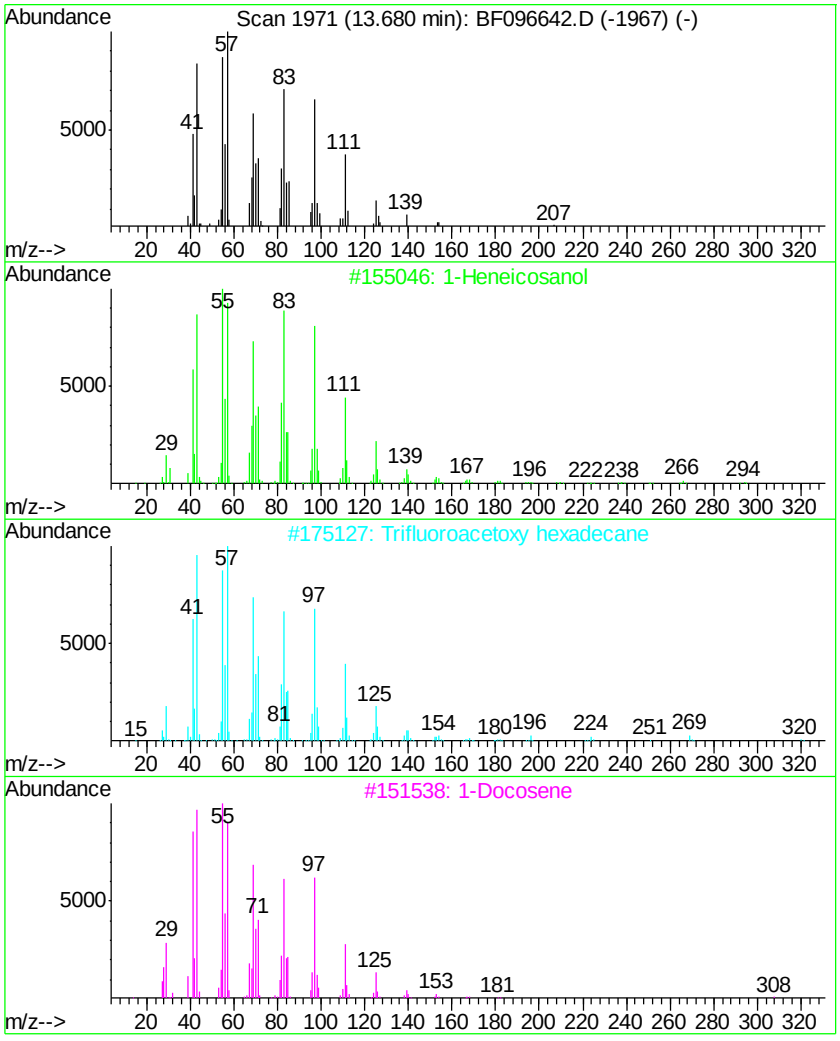
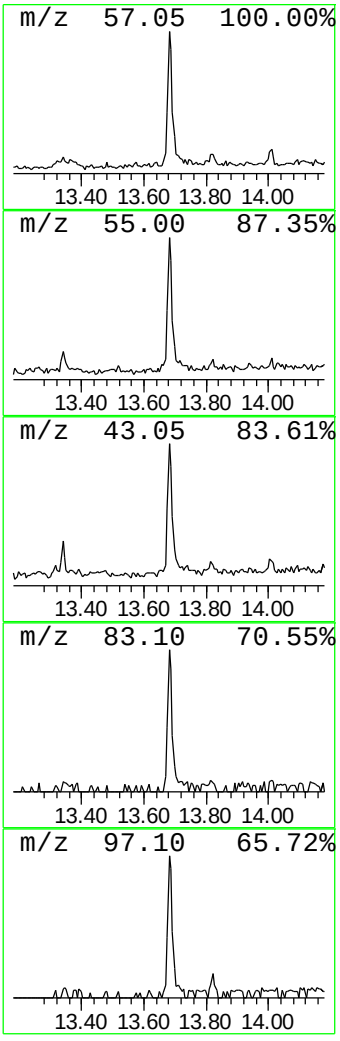
Peak Number 4 1-Heneicosanol Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.68 | 3.72 ng | 125761 | Chrysene-d12 | 13.82 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Heneicosanol | 312 | C21H44O | 015594-90-8 | 95 |
| 2 | Trifluoroacetoxy hexadecane | 338 | C18H33F3O2 | 006222-03-3 | 95 |
| 3 | 1-Docosene | 308 | C22H44 | 001599-67-3 | 94 |
| 4 | Trichloroacetic acid, tetradecyl... | 358 | C16H29Cl3O2 | 074339-52-9 | 91 |
| 5 | 1-Hexadecanol | 242 | C16H34O | 036653-82-4 | 91 |



Tentatively Identified Compound (LSC) summary

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| | | | | | Internal Standard | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| unknown4.87 | 4.87 | 16.4 | ng | 499302 | 1 | 6.68 | 608583 | 20.0 |
| unknown6.46 | 6.46 | 75.5 | ng | 2295810 | 1 | 6.68 | 608583 | 20.0 |
| 1-Heneicosanol | 13.68 | 3.7 | ng | 125761 | 5 | 13.82 | 676803 | 20.0 |