LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040618\
Data File : BF104339.D
Acq On : 7 Apr 2018 6:20
Operator : JU/SJ
Sample : J2225-14
Misc :
ALS Vial : 33 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** 040218-SIDI-F-U-B

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-BF040618.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 | 4.998 | 492 | 495 | 501 | rVB | 140218 | 139584 | 3.46% | 0.602% |
| 2 | 5.404 | 560 | 564 | 567 | rBV | 1274308 | 1077827 | 26.72% | 4.649% |
| 3 | 6.416 | 732 | 736 | 744 | rVB | 799923 | 679750 | 16.85% | 2.932% |
| 4 | 6.569 | 757 | 762 | 765 | rBV | 2257615 | 2063982 | 51.17% | 8.903% |
| 5 | 6.622 | 769 | 771 | 777 | rBV | 49773 | 45762 | 1.13% | 0.197% |
| 6 | 6.804 | 798 | 802 | 805 | rBV | 972968 | 797050 | 19.76% | 3.438% |
| 7 | 6.963 | 824 | 829 | 832 | rBV | 3017973 | 2809717 | 69.66% | 12.120% |
| 8 | 7.369 | 892 | 898 | 901 | rBV | 2296127 | 2348914 | 58.23% | 10.132% |
| 9 | 8.086 | 1015 | 1020 | 1023 | rBV | 1327969 | 1068756 | 26.50% | 4.610% |
| 10 | 9.163 | 1198 | 1203 | 1206 | rBV | 3858533 | 4033579 | 100.00% | 17.399% |
| 11 | 9.557 | 1266 | 1270 | 1273 | rBV | 105488 | 95277 | 2.36% | 0.411% |
| 12 | 9.769 | 1303 | 1306 | 1309 | rBV | 76030 | 66173 | 1.64% | 0.285% |
| 13 | 9.839 | 1313 | 1318 | 1322 | rVB | 1282595 | 1135475 | 28.15% | 4.898% |
| 14 | 10.275 | 1388 | 1392 | 1395 | rVB | 90376 | 78033 | 1.93% | 0.337% |
| 15 | 10.627 | 1447 | 1452 | 1455 | rBV | 1640115 | 1409875 | 34.95% | 6.082% |
| 16 | 10.745 | 1468 | 1472 | 1478 | rBV | 89181 | 85966 | 2.13% | 0.371% |
| 17 | 11.327 | 1567 | 1571 | 1574 | rBV | 1098747 | 884860 | 21.94% | 3.817% |
| 18 | 12.739 | 1808 | 1811 | 1814 | rBV | 85091 | 62936 | 1.56% | 0.271% |
| 19 | 12.921 | 1837 | 1842 | 1845 | rBV | 2888923 | 2753715 | 68.27% | 11.878% |
| 20 | 13.810 | 1989 | 1993 | 2003 | rBV | 122269 | 132812 | 3.29% | 0.573% |
| 21 | 13.968 | 2016 | 2020 | 2023 | rBV | 852872 | 742813 | 18.42% | 3.204% |
| 22 | 15.421 | 2262 | 2267 | 2272 | rBV | 560371 | 669594 | 16.60% | 2.888% |

Sum of corrected areas: 23182450

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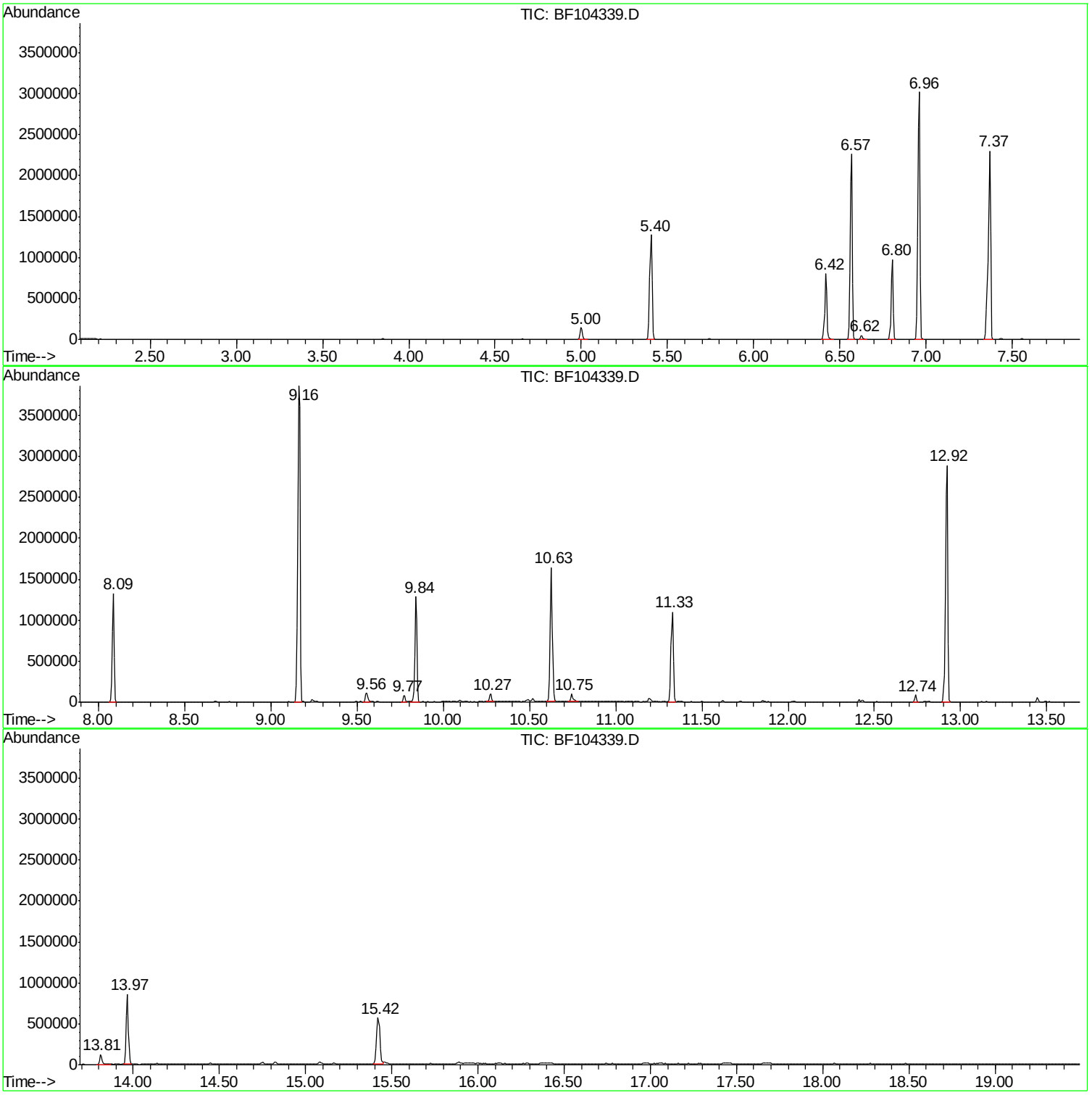
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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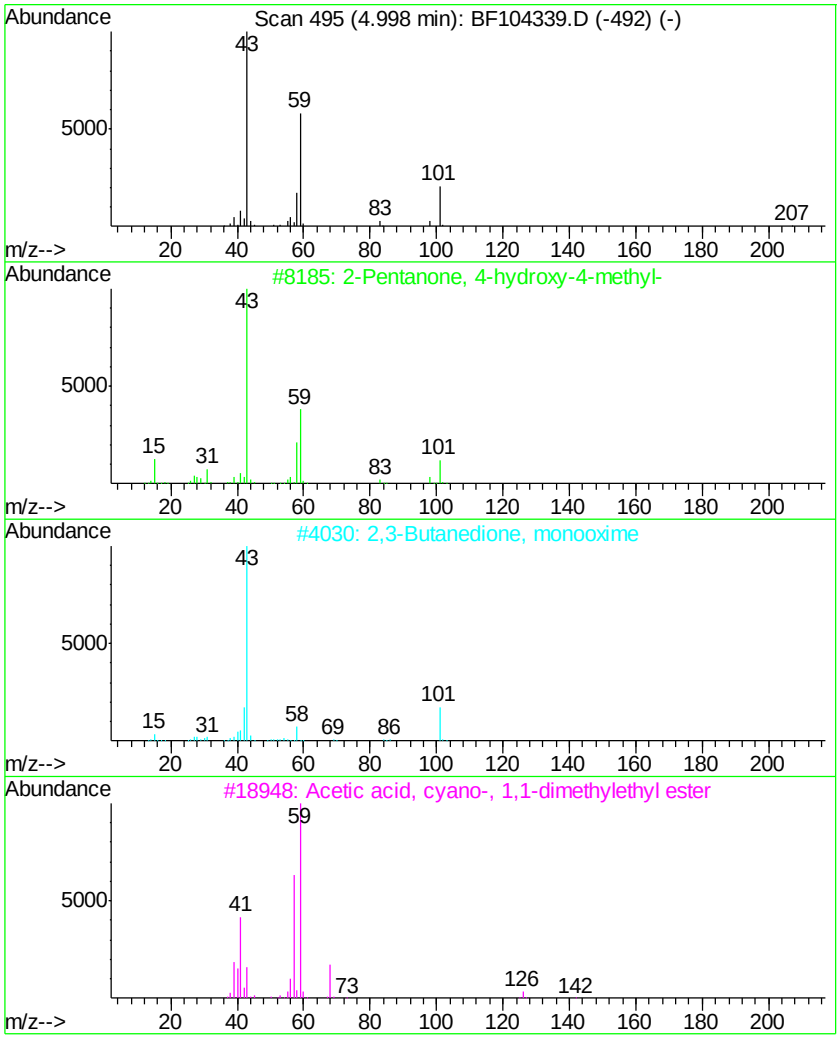
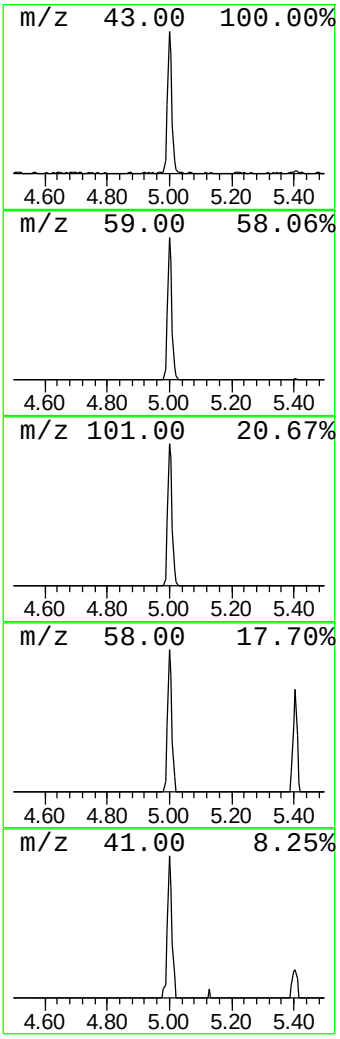
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.00 | 3.50 ng | 139584 | 1,4-Dichlorobenzene-d4 | 6.80 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2 | 000123-42-2 | 50 |
| 2 | 2,3-Butanedione, monooxime | 101 | C4H7NO2 | 000057-71-6 | 25 |
| 3 | Acetic acid, cyano-, 1,1-dimethy... | 141 | C7H11NO2 | 001116-98-9 | 23 |
| 4 | Acetone | 58 | C3H6O | 000067-64-1 | 9 |
| 5 | Propane, 1,1-dipropoxy- | 160 | C9H20O2 | 004744-11-0 | 9 |



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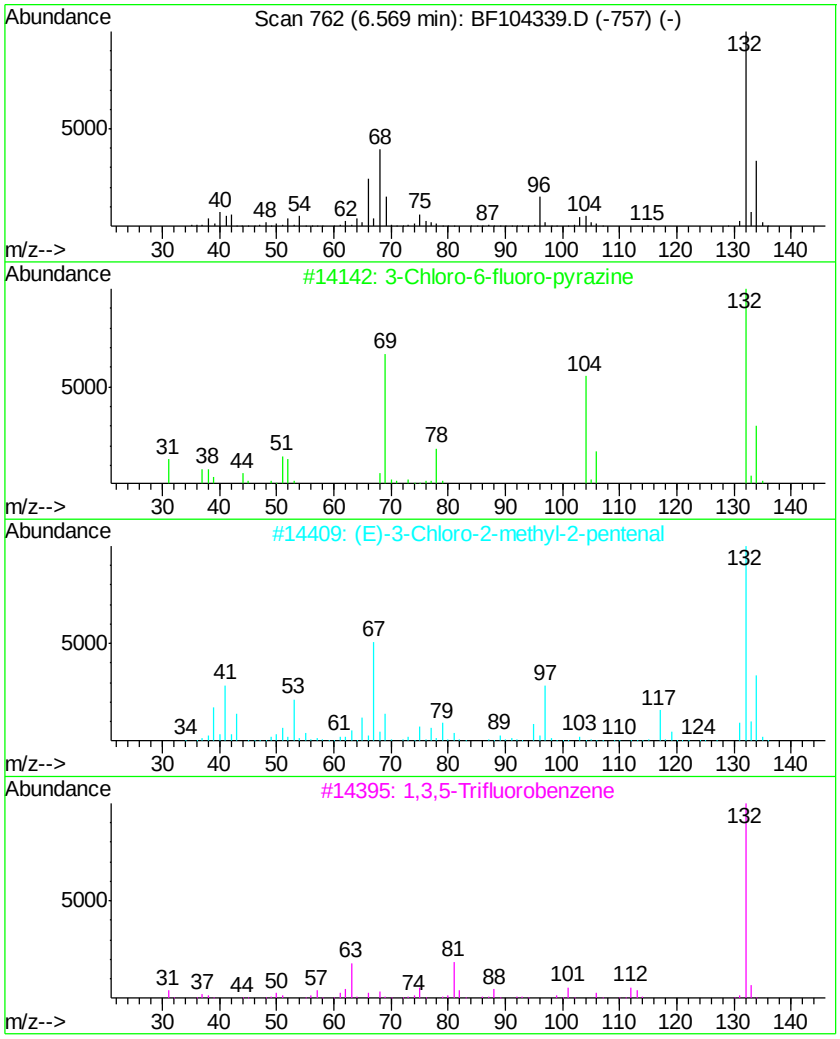
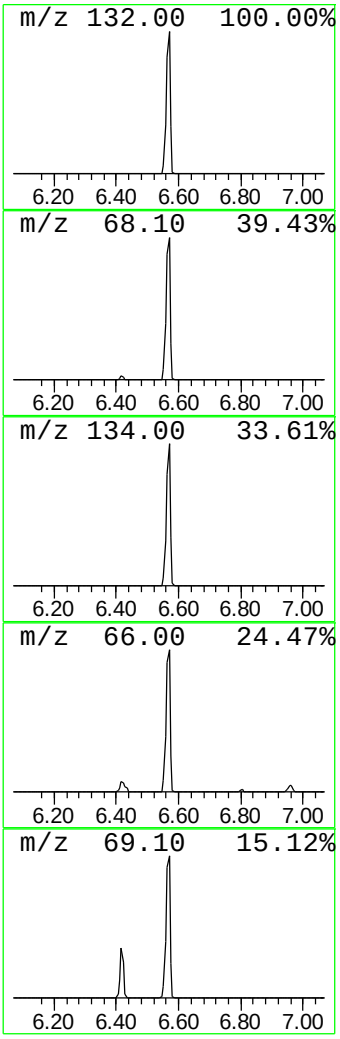
Peak Number 2 unknown6.57 Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.57 | 51.79 ng | 2063980 | 1,4-Dichlorobenzene-d4 | 6.80 |

| 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 | 17 |
| 3 | 1,3,5-Trifluorobenzene | 132 | C6H3F3 | 000372-38-3 | 9 |
| 4 | 4-Chloro-6-fluoro-pyrimidine | 132 | C4H2ClFN2 | 051422-01-6 | 9 |
| 5 | 4-Chloro-2-fluoro-pyrimidine | 132 | C4H2ClFN2 | 051422-00-5 | 9 |



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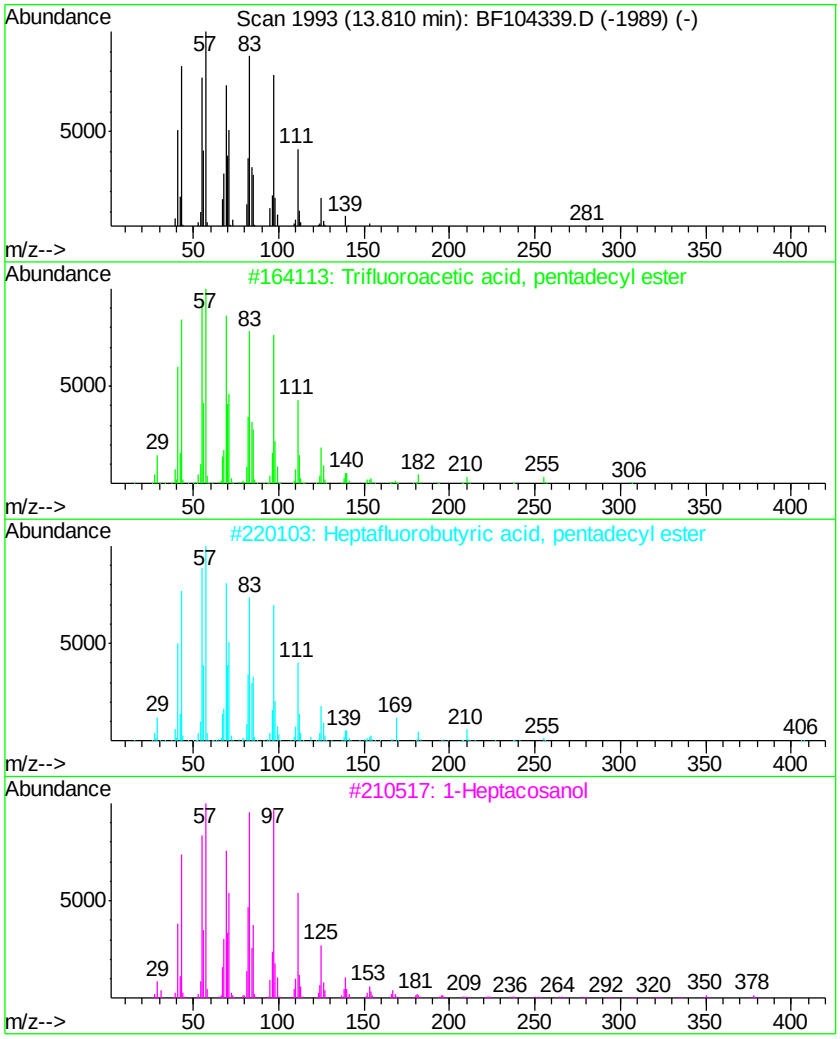
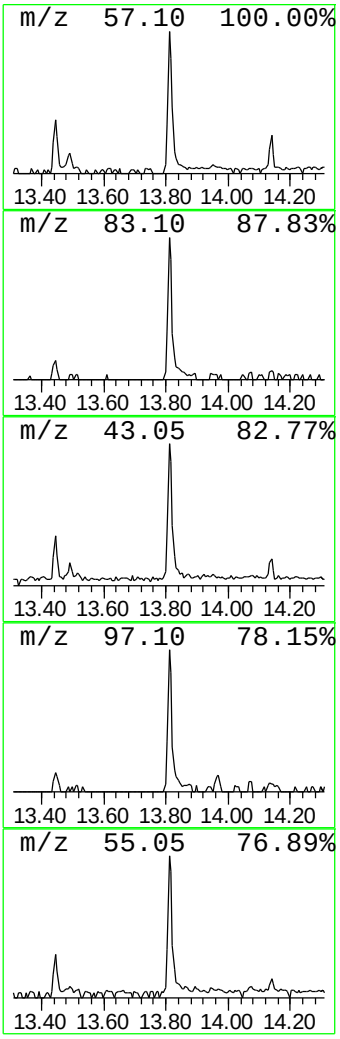
Peak Number 4 Trifluoroacetic acid, penta... Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.81 | 3.58 ng | 132812 | Chrysene-d12 | 13.97 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Trifluoroacetic acid, pentadecyl... | 324 | C17H31F3O2 | 959010-23-2 | 94 |
| 2 | Heptafluorobutyric acid, pentade... | 424 | C19H31F7O2 | 959261-23-5 | 94 |
| 3 | 1-Heptacosanol | 396 | C27H56O | 002004-39-9 | 93 |
| 4 | 1-Heneicosanol | 312 | C21H44O | 015594-90-8 | 91 |
| 5 | Behenic alcohol | 326 | C22H46O | 000661-19-8 | 91 |



Tentatively Identified Compound (LSC) summary

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| | | | | | Internal Standard | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| 2-Pentanone, 4-hy... | 5.00 | 3.5 | ng | 139584 | 1 | 6.80 | 797050 | 20.0 |
| unknown6.57 | 6.57 | 51.8 | ng | 2063980 | 1 | 6.80 | 797050 | 20.0 |
| Trifluoroacetic a... | 13.81 | 3.6 | ng | 132812 | 5 | 13.97 | 742813 | 20.0 |