LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101220\
Data File : BF121931.D
Acq On : 12 Oct 2020 21:50
Operator : JU/CG
Sample : L4341-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** STOCK-PILE

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-BF101220.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF121931.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 4.946 | 482 | 486 | 497 | rBV | 74691 | 104630 | 4.88% | 0.664% |
| 2 | 5.363 | 553 | 557 | 571 | rBV | 1828125 | 1936476 | 90.37% | 12.283% |
| 3 | 6.387 | 727 | 731 | 752 | rBV | 2086187 | 1912246 | 89.24% | 12.129% |
| 4 | 6.745 | 788 | 792 | 800 | rBV | 638082 | 543921 | 25.38% | 3.450% |
| 5 | 7.310 | 884 | 888 | 903 | rBV | 1533726 | 1340872 | 62.58% | 8.505% |
| 6 | 8.028 | 1006 | 1010 | 1019 | rBV | 810941 | 694245 | 32.40% | 4.403% |
| 7 | 9.104 | 1189 | 1193 | 1196 | rBV | 2552783 | 2142819 | 100.00% | 13.592% |
| 8 | 9.222 | 1209 | 1213 | 1221 | rVB | 141986 | 138924 | 6.48% | 0.881% |
| 9 | 9.498 | 1255 | 1260 | 1265 | rBV | 149976 | 149404 | 6.97% | 0.948% |
| 10 | 9.781 | 1304 | 1308 | 1312 | rVB | 890631 | 720306 | 33.61% | 4.569% |
| 11 | 10.186 | 1374 | 1377 | 1379 | rBV2 | 39503 | 34470 | 1.61% | 0.219% |
| 12 | 10.369 | 1405 | 1408 | 1414 | rBV | 50122 | 70202 | 3.28% | 0.445% |
| 13 | 10.575 | 1439 | 1443 | 1453 | rBV | 1202856 | 1216266 | 56.76% | 7.715% |
| 14 | 10.698 | 1459 | 1464 | 1466 | rBV2 | 37355 | 49700 | 2.32% | 0.315% |
| 15 | 11.163 | 1541 | 1543 | 1549 | rVB3 | 30986 | 34342 | 1.60% | 0.218% |
| 16 | 11.269 | 1557 | 1561 | 1564 | rBV | 823052 | 698409 | 32.59% | 4.430% |
| 17 | 12.516 | 1770 | 1773 | 1776 | rVB2 | 32591 | 31743 | 1.48% | 0.201% |
| 18 | 12.851 | 1826 | 1830 | 1834 | rBV | 2072878 | 1967717 | 91.83% | 12.481% |
| 19 | 13.086 | 1867 | 1870 | 1875 | rBV5 | 39351 | 65041 | 3.04% | 0.413% |
| 20 | 13.774 | 1982 | 1987 | 1999 | rBV2 | 135915 | 320700 | 14.97% | 2.034% |
| 21 | 13.910 | 2006 | 2010 | 2014 | rBV | 757968 | 690879 | 32.24% | 4.382% |
| 22 | 15.351 | 2250 | 2255 | 2262 | rVB | 655596 | 828903 | 38.68% | 5.258% |
| 23 | 15.774 | 2324 | 2327 | 2334 | rBV2 | 44087 | 73540 | 3.43% | 0.466% |

Sum of corrected areas: 15765755

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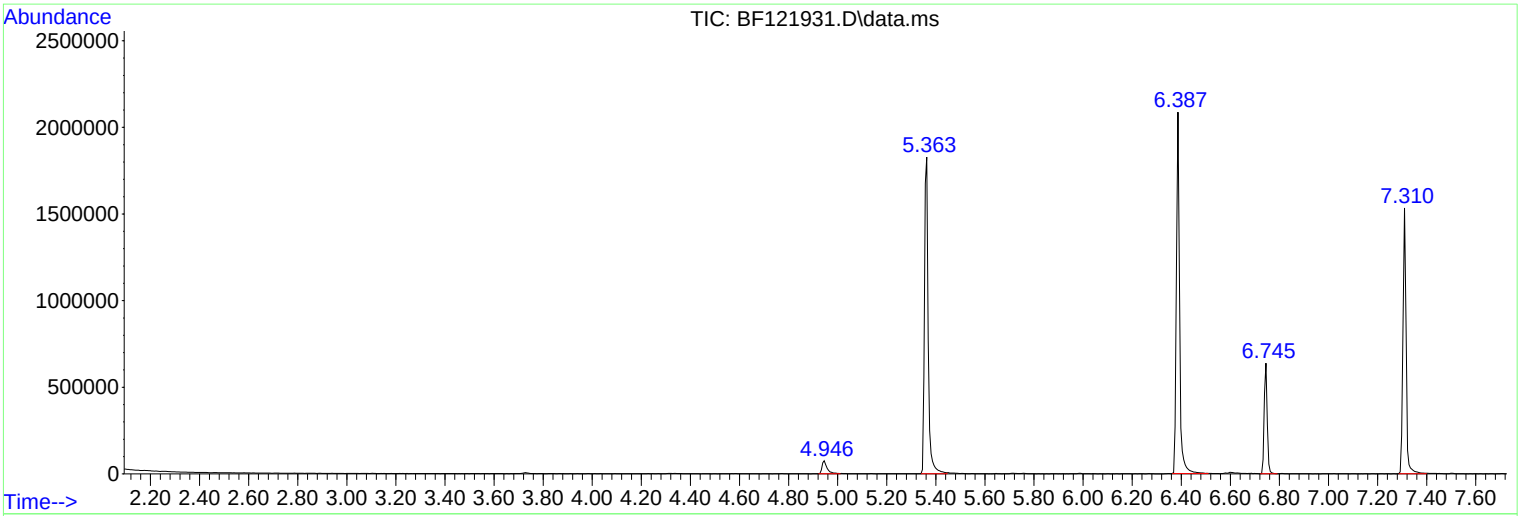
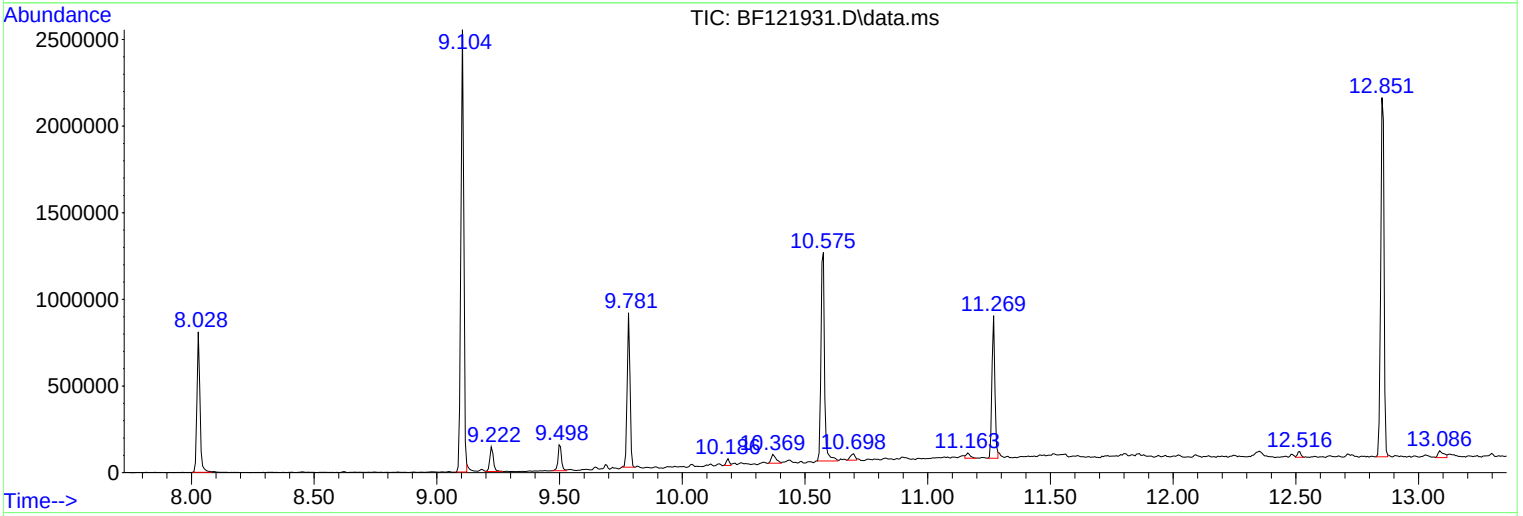
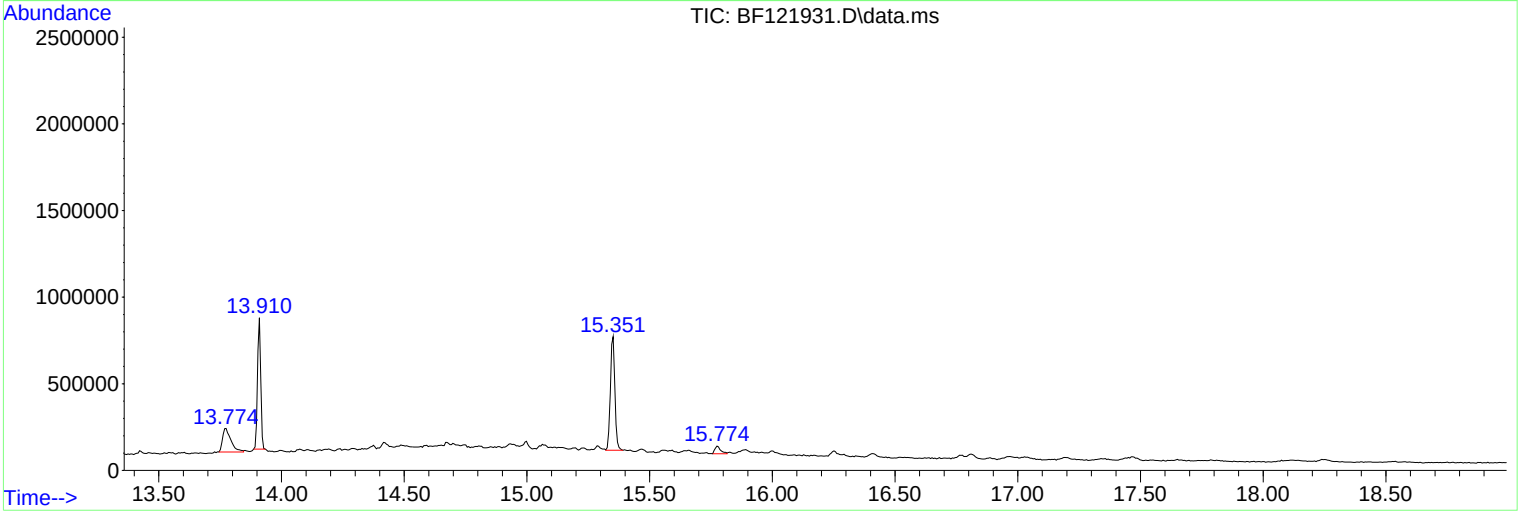
**Instrument :**
BNA_F
**ClientSampleId :**
STOCK-PILE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.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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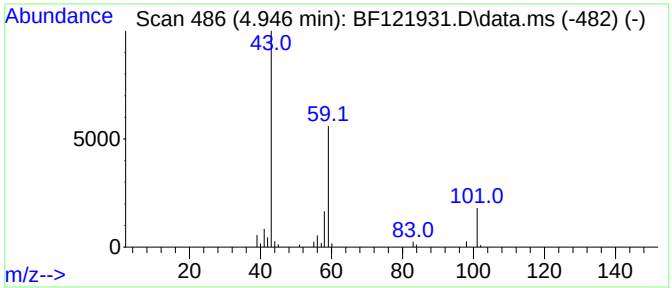
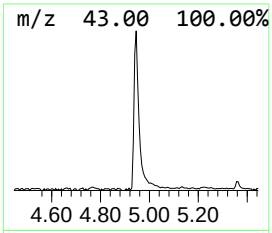
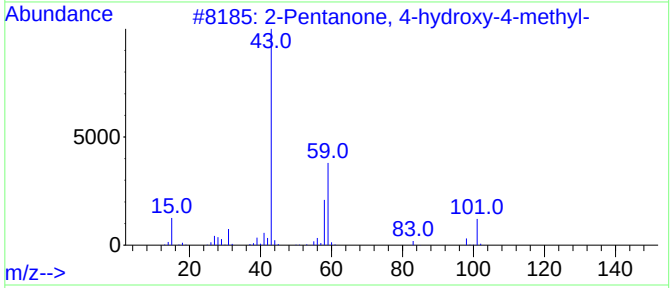
**********
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

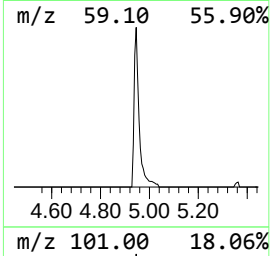
| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 4.946 | 3.85 ng | 104630 | 1,4-Dichlorobenzene-d4 | 6.745 |

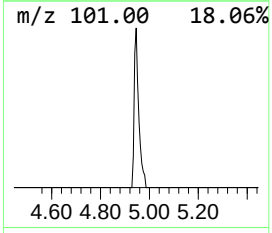
| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2 | 000123-42-2 | 59 |
| 2 | Acetic acid, 1,1-dimethylethyl e... | 116 | C6H12O2 | 000540-88-5 | 38 |
| 3 | Acetic acid, cyano-, 1,1-dimethy... | 141 | C7H11NO2 | 001116-98-9 | 25 |
| 4 | 2,3-Butanedione, monooxime | 101 | C4H7NO2 | 000057-71-6 | 9 |
| 5 | n-Propyl t-butyl ether | 116 | C7H16O | 1000334-81-9 | 9 |

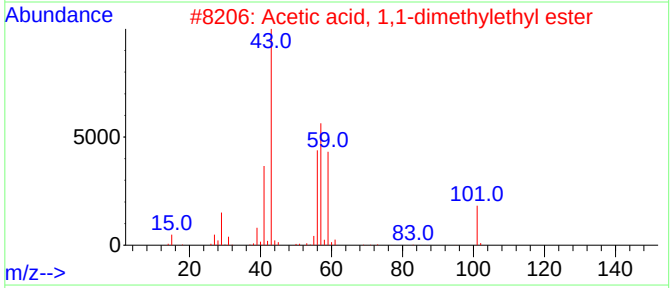


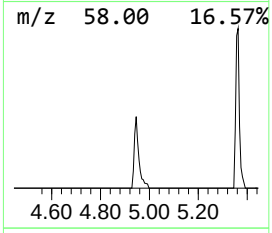



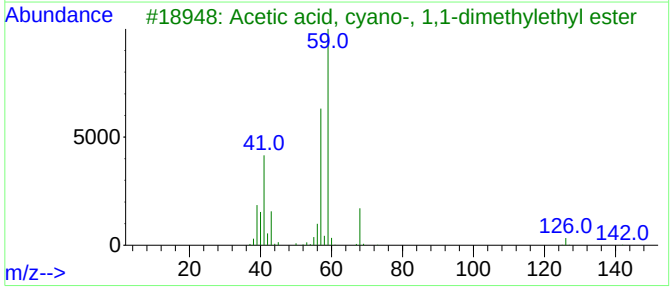



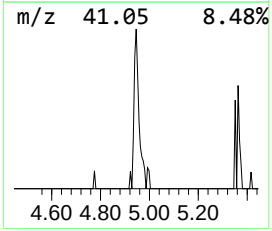



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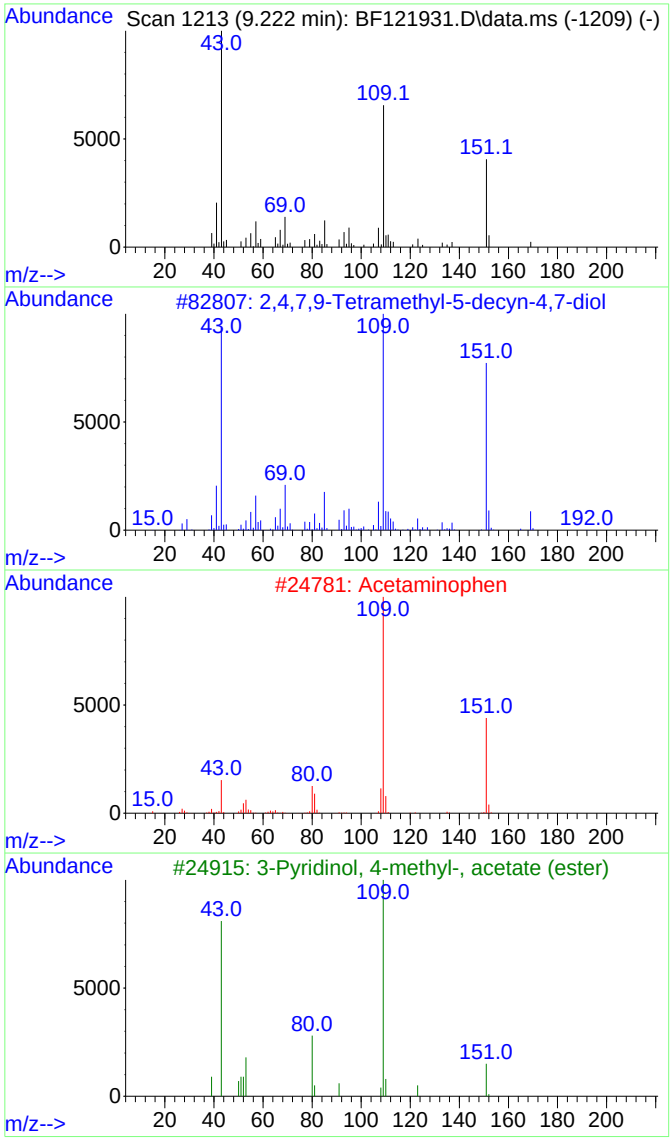
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

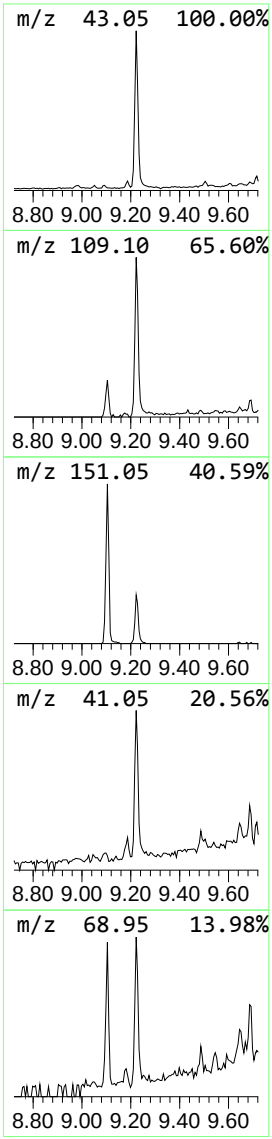
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 2 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.222 | 3.86 ng | 138924 | Acenaphthene-d10 | 9.781 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2,4,7,9-Tetramethyl-5-decyn-4,7-... | 226 | C14H26O2 | 000126-86-3 | 90 |
| 2 | Acetaminophen | 151 | C8H9NO2 | 000103-90-2 | 53 |
| 3 | 3-Pyridinol, 4-methyl-, acetate ... | 151 | C8H9NO2 | 001006-96-8 | 53 |
| 4 | Metacetamol | 151 | C8H9NO2 | 000621-42-1 | 53 |
| 5 | Pyridine, 2-butyl-, 1-oxide | 151 | C9H13NO | 031396-32-4 | 45 |



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ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
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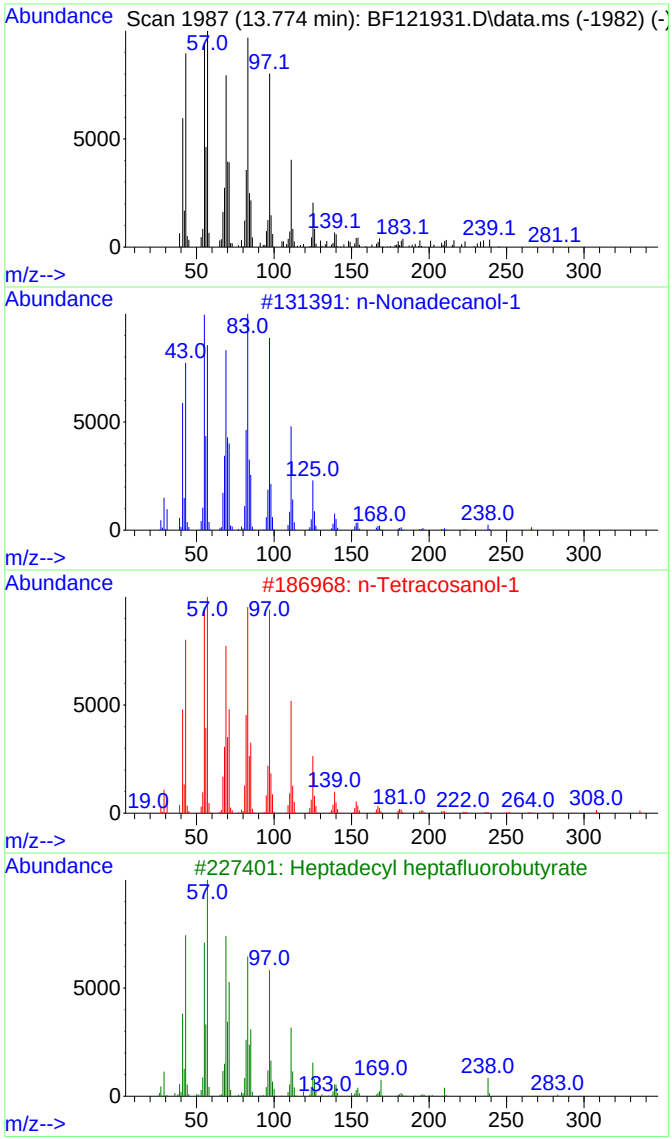
TIC Integration Parameters: LSCINT.P

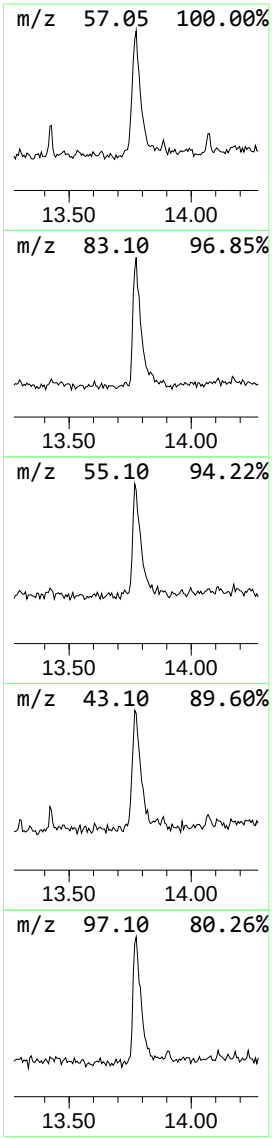
**********

Peak Number 3 n-Nonadecanol-1 Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.774 | 9.28 ng | 320700 | Chrysene-d12 | 13.910 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | n-Nonadecanol-1 | 284 | C19H40O | 001454-84-8 | 91 |
| 2 | n-Tetracosanol-1 | 354 | C24H50O | 000506-51-4 | 91 |
| 3 | Heptadecyl heptafluorobutyrate | 452 | C21H35F7O2 | 959085-66-6 | 83 |
| 4 | Trichloroacetic acid, pentadecyl... | 372 | C17H31Cl3O2 | 074339-53-0 | 76 |
| 5 | Trichloroacetic acid, hexadecyl ... | 386 | C18H33Cl3O2 | 074339-54-1 | 76 |



Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

| | | | | | --Internal Standard--- | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| 2-Pentanone, 4-... | 4.946 | 3.9 | ng | 104630 | 1 | 6.745 | 543921 | 20.0 |
| 2,4,7,9-Tetrame... | 9.222 | 3.9 | ng | 138924 | 3 | 9.781 | 720306 | 20.0 |
| n-Nonadecanol-1 | 13.774 | 9.3 | ng | 320700 | 5 | 13.910 | 690879 | 20.0 |