# LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\Data\BF070717\
Data File : BF096567.D
Acq On : 7 Jul 2017 19:00
Operator : SJ/MA
Sample : I4069-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SB-1(10.5-11.0)

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 | 3.663 | 260 | 268 | 274 | rBV | 332298 | 497586 | 20.46% | 2.259% |
| 2 | 4.881 | 470 | 475 | 482 | rBV | 394935 | 488249 | 20.08% | 2.217% |
| 3 | 5.310 | 543 | 548 | 551 | rBV | 2415598 | 2368664 | 97.40% | 10.754% |
| 4 | 6.334 | 717 | 722 | 734 | rVB | 2393167 | 2431953 | 100.00% | 11.041% |
| 5 | 6.463 | 740 | 744 | 748 | rBV | 2391686 | 2325176 | 95.61% | 10.556% |
| 6 | 6.692 | 780 | 783 | 787 | rBV | 763052 | 650808 | 26.76% | 2.955% |
| 7 | 6.851 | 806 | 810 | 813 | rBV | 1980828 | 1671867 | 68.75% | 7.590% |
| 8 | 7.251 | 873 | 878 | 882 | rBV | 1473803 | 1497135 | 61.56% | 6.797% |
| 9 | 7.975 | 997 | 1001 | 1005 | rBV | 1058868 | 911126 | 37.46% | 4.136% |
| 10 | 9.051 | 1179 | 1184 | 1188 | rBV | 2189010 | 2109714 | 86.75% | 9.578% |
| 11 | 9.445 | 1246 | 1251 | 1254 | rBV | 265101 | 206052 | 8.47% | 0.935% |
| 12 | 9.728 | 1294 | 1299 | 1303 | rBV | 1054679 | 929068 | 38.20% | 4.218% |
| 13 | 10.139 | 1364 | 1369 | 1373 | rBV2 | 75215 | 113586 | 4.67% | 0.516% |
| 14 | 10.175 | 1373 | 1375 | 1378 | rVB | 46098 | 33935 | 1.40% | 0.154% |
| 15 | 10.510 | 1428 | 1432 | 1436 | rBV | 1427817 | 1340540 | 55.12% | 6.086% |
| 16 | 10.645 | 1452 | 1455 | 1464 | rBV | 53368 | 58208 | 2.39% | 0.264% |
| 17 | 11.204 | 1546 | 1550 | 1554 | rVB | 1069689 | 882626 | 36.29% | 4.007% |
| 18 | 11.745 | 1638 | 1642 | 1645 | rBV | 86572 | 82636 | 3.40% | 0.375% |
| 19 | 12.792 | 1815 | 1820 | 1823 | rBV | 1928037 | 1831602 | 75.31% | 8.315% |
| 20 | 13.692 | 1969 | 1973 | 1985 | rBV | 231358 | 246965 | 10.16% | 1.121% |
| 21 | 13.833 | 1993 | 1997 | 2000 | rBV | 783984 | 697358 | 28.67% | 3.166% |
| 22 | 14.686 | 2138 | 2142 | 2145 | rVB | 43201 | 40038 | 1.65% | 0.182% |
| 23 | 15.233 | 2228 | 2235 | 2240 | rBV | 470498 | 557119 | 22.91% | 2.529% |
| 24 | 15.721 | 2315 | 2318 | 2323 | rBV5 | 20507 | 30249 | 1.24% | 0.137% |
| 25 | 16.686 | 2478 | 2482 | 2488 | rVB9 | 12322 | 24322 | 1.00% | 0.110% |

Sum of corrected areas: 22026582

LSC Report - Integrated Chromatogram

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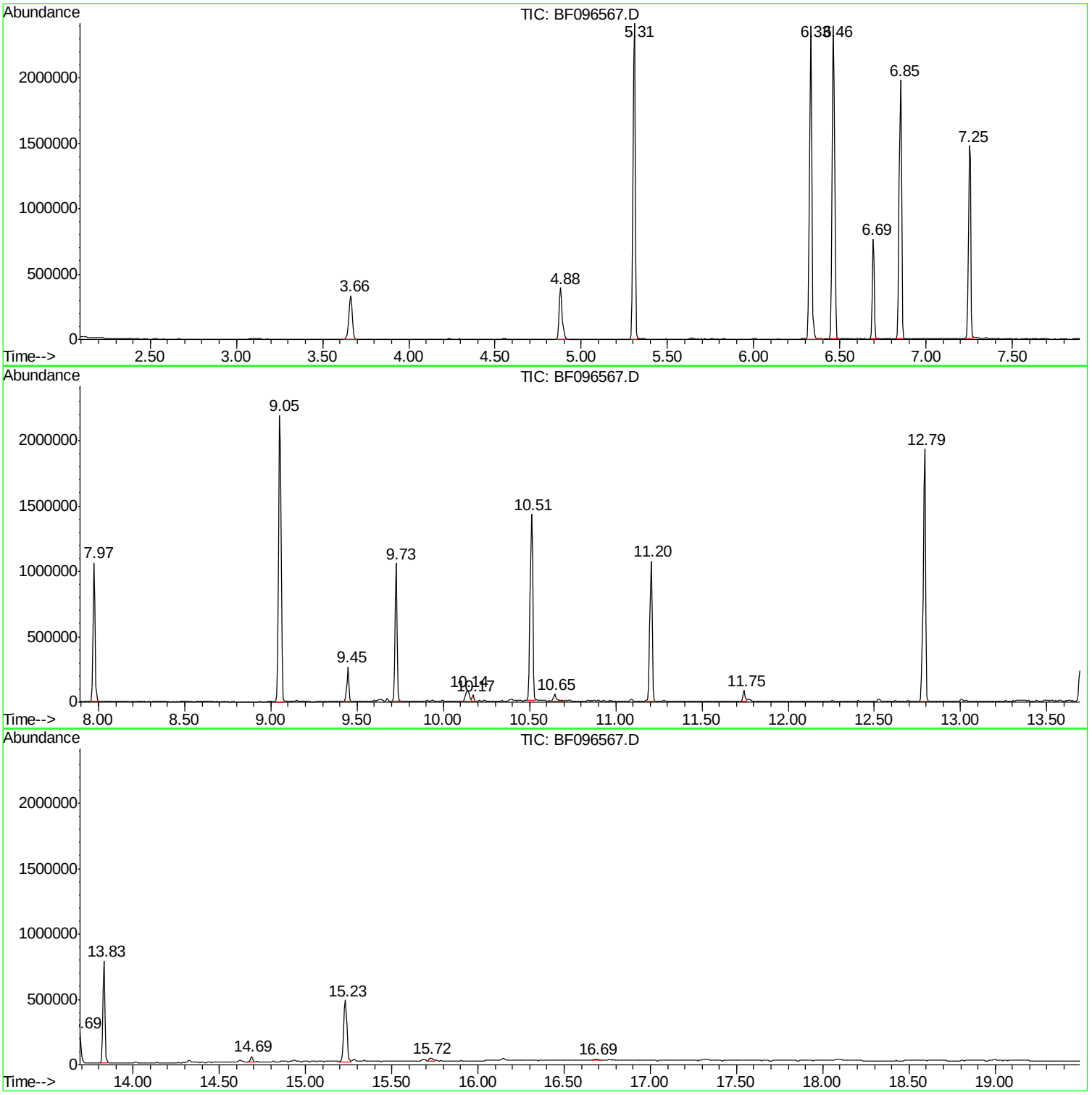
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB-1(10.5-11.0)

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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TIC Integration Parameters: LSCINT.P

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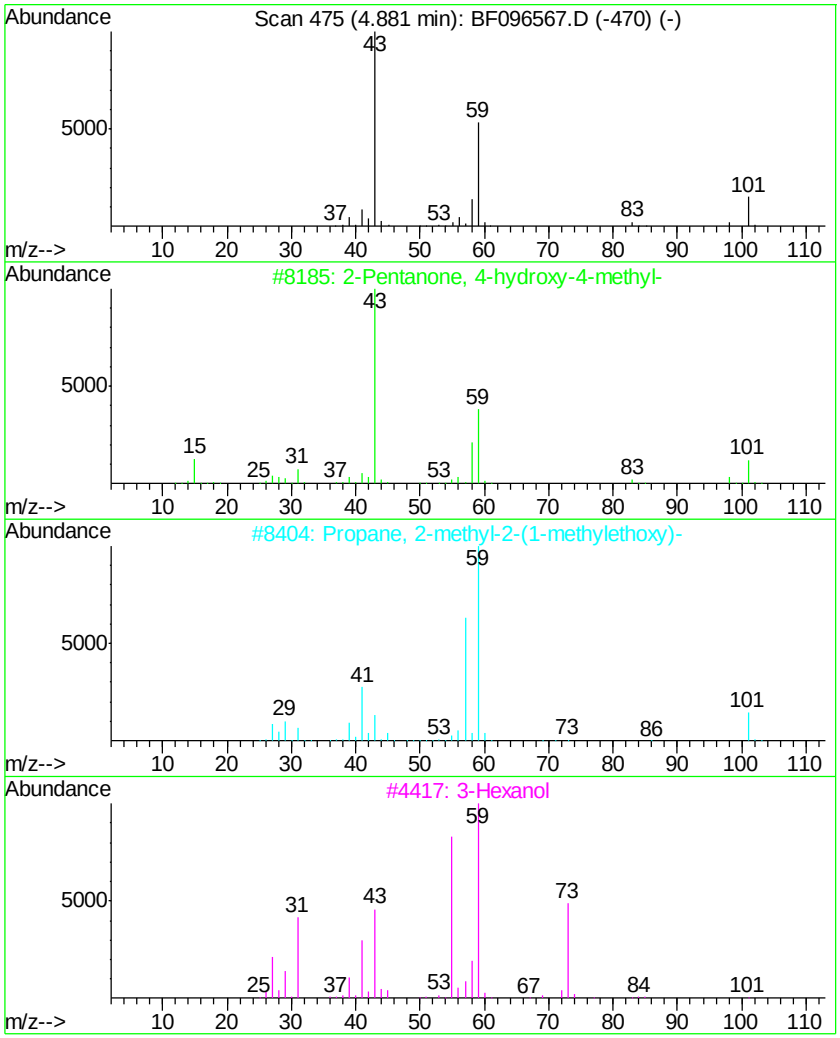
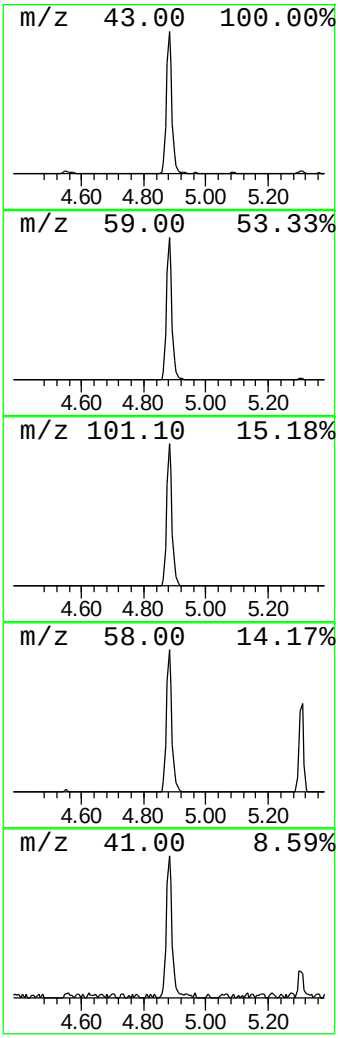
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 4.88 | 15.00 ng | 488249 | 1,4-Dichlorobenzene-d4 | 6.69 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2 | 000123-42-2 | 64 |
| 2 | Propane, 2-methyl-2-(1-methyleth... | 116 | C7H16O | 017348-59-3 | 36 |
| 3 | 3-Hexanol | 102 | C6H14O | 000623-37-0 | 33 |
| 4 | 2-Hexanol, 2-methyl- | 116 | C7H16O | 000625-23-0 | 33 |
| 5 | 3-Hexanol, 4-methyl- | 116 | C7H16O | 000615-29-2 | 33 |



# Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\Data\BF070717\
Data File : BF096567.D
Acq On : 7 Jul 2017 19:00
Operator : SJ/MA
Sample : I4069-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SB-1(10.5-11.0)

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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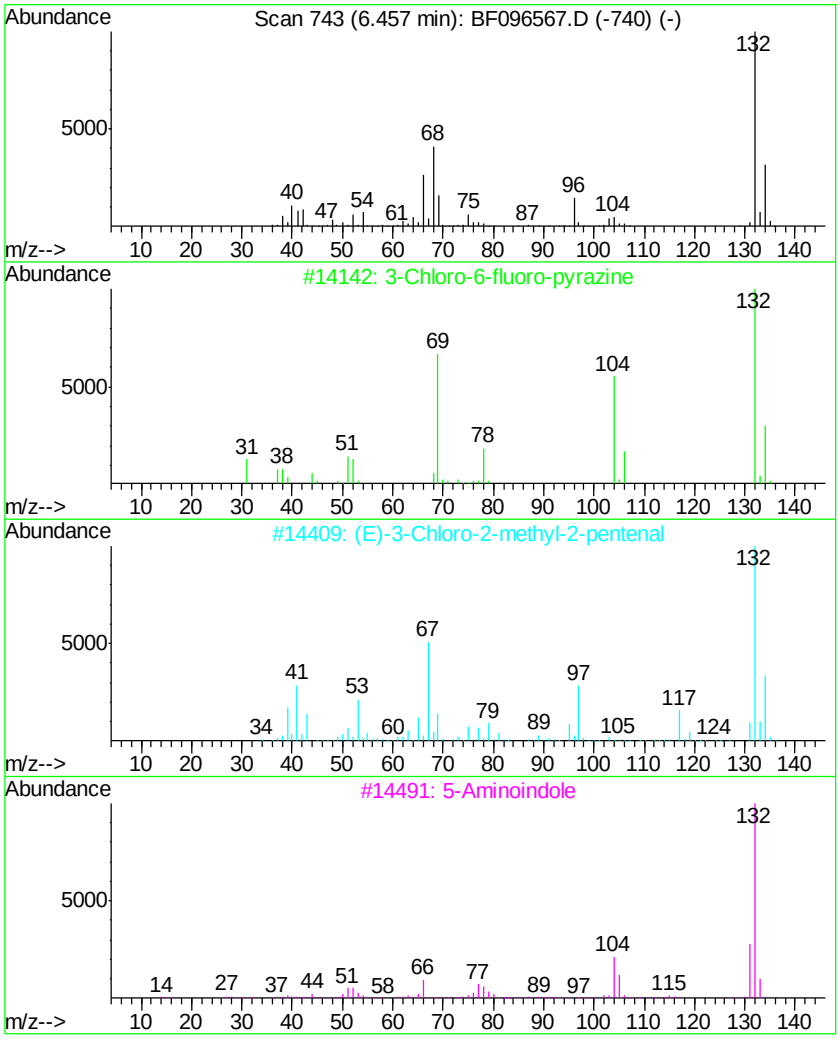
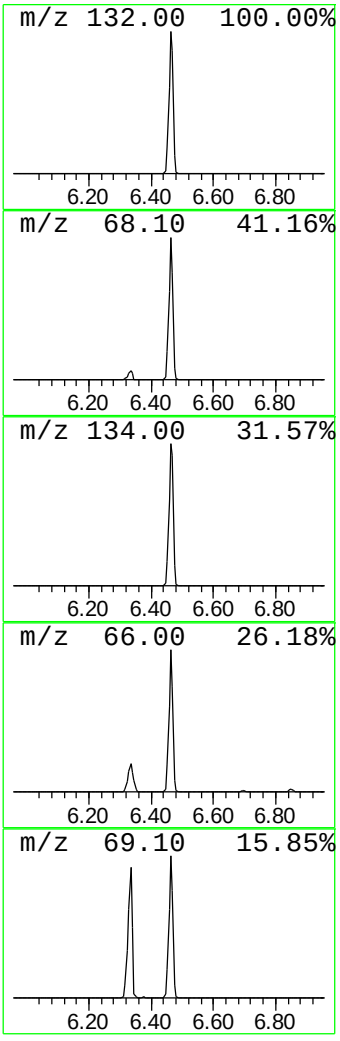
Peak Number 3 unknown6.46 Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.46 | 71.46 ng | 2325180 | 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 | 5-Aminoindole | 132 | C8H8N2 | 005192-03-0 | 12 |
| 4 | Tranylcypromine-propionyl | 189 | C12H15NO | 1000123-86-3 | 10 |
| 5 | Bicyclo[4.2.0]octa-1,3,5-triene,... | 132 | C10H12 | 028749-81-7 | 9 |



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Data File : BF096567.D
Acq On : 7 Jul 2017 19:00
Operator : SJ/MA
Sample : I4069-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SB-1(10.5-11.0)

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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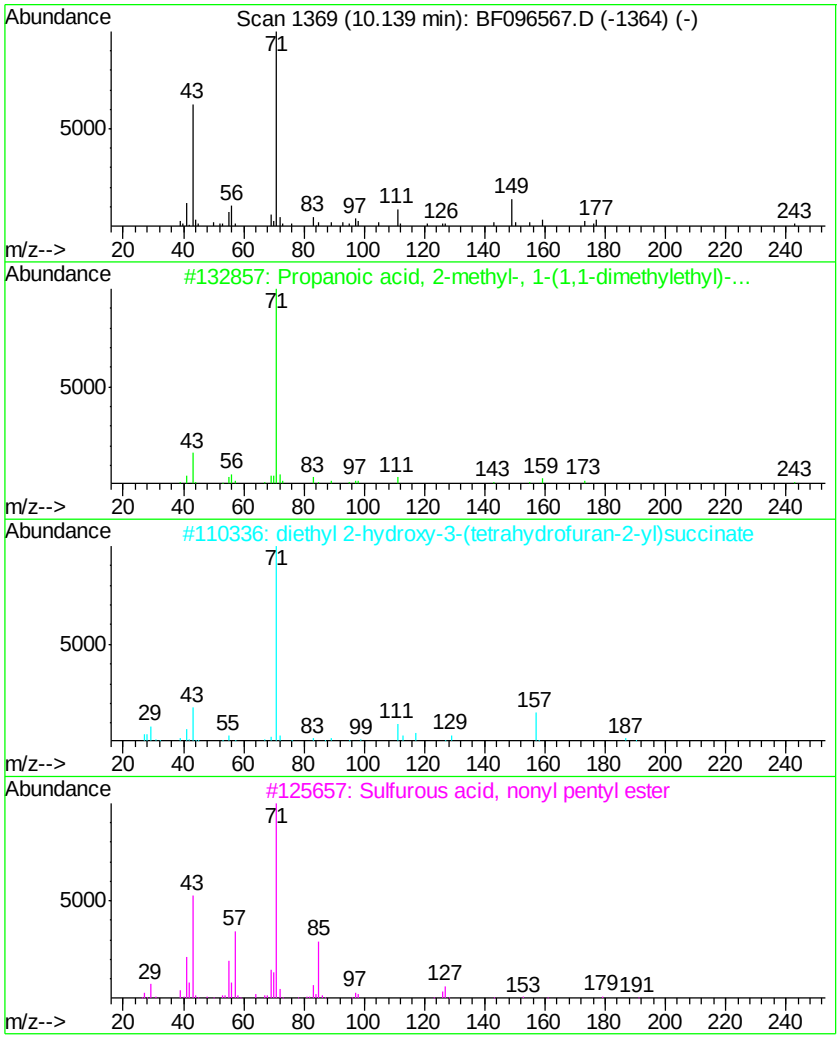
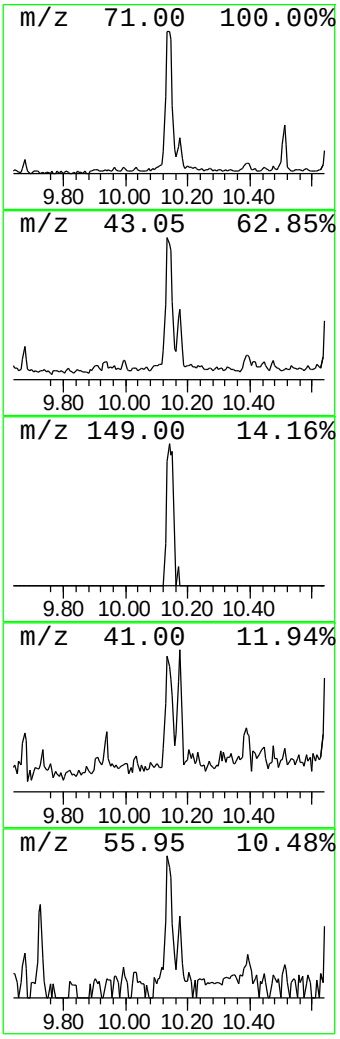
Peak Number 5 Propanoic acid, 2-methyl-, ... Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.14 | 2.45 ng | 113586 | Acenaphthene-d10 | 9.73 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Propanoic acid, 2-methyl-, 1-(1,... | 286 | C16H30O4 | 074381-40-1 | 64 |
| 2 | diethyl 2-hydroxy-3-(tetrahydrof... | 260 | C12H20O6 | 1000365-67-1 | 53 |
| 3 | Sulfurous acid, nonyl pentyl ester | 278 | C14H30O3S | 1000309-14-2 | 50 |
| 4 | Methylamine, N-(1-methylhexylide... | 127 | C8H17N | 022058-71-5 | 50 |
| 5 | diethyl-2-(tetrahydrofuran-2-yl)... | 244 | C12H20O5 | 1000365-67-0 | 45 |



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Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :** BNA_F
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TIC Integration Parameters: LSCINT.P

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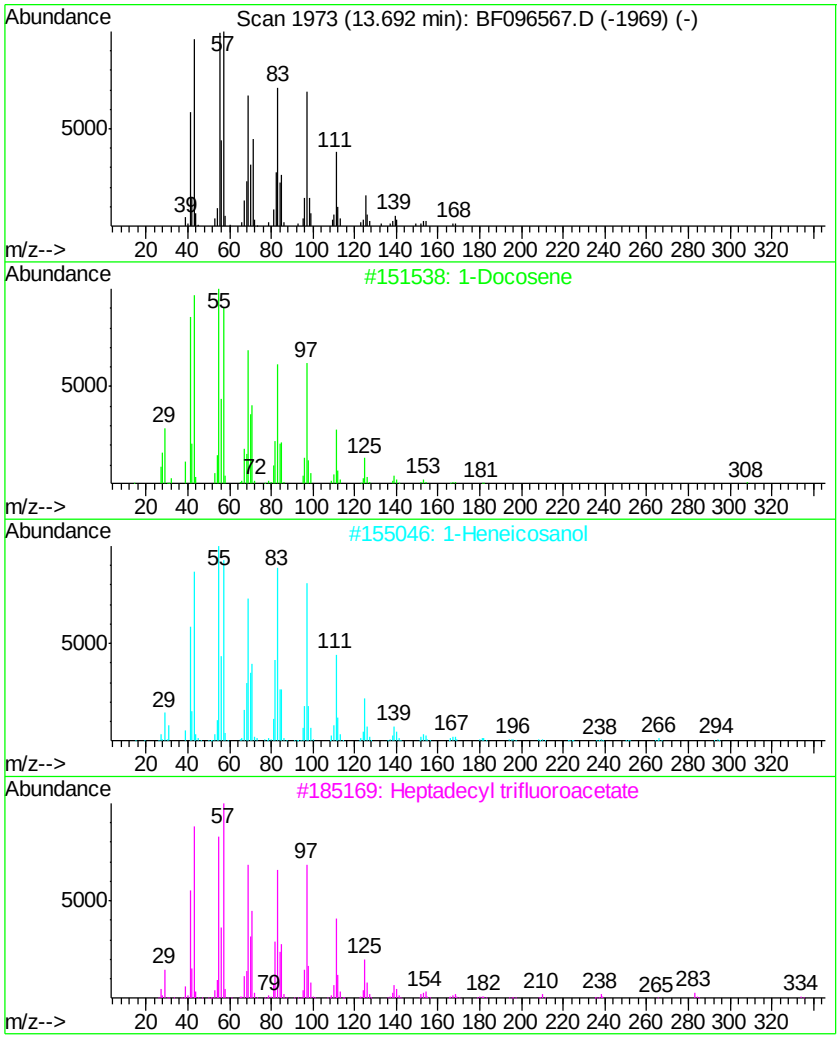
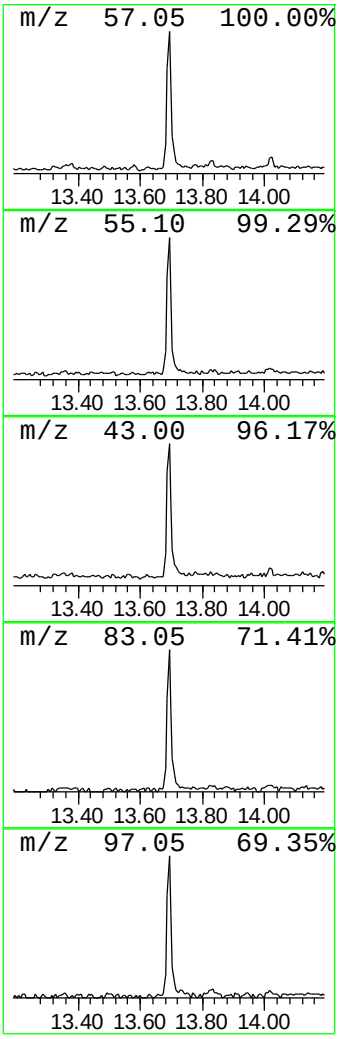
Peak Number 6 1-Docosene Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.69 | 7.08 ng | 246965 | Chrysene-d12 | 13.83 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Docosene | 308 | C22H44 | 001599-67-3 | 94 |
| 2 | 1-Heneicosanol | 312 | C21H44O | 015594-90-8 | 93 |
| 3 | Heptadecyl trifluoroacetate | 352 | C19H35F3O2 | 1000351-87-0 | 93 |
| 4 | n-Tetracosanol-1 | 354 | C24H50O | 000506-51-4 | 91 |
| 5 | Trichloroacetic acid, hexadecyl ... | 386 | C18H33Cl3O2 | 074339-54-1 | 91 |



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-hy... | 4.88 | 15.0 | ng | 488249 | 1 | 6.69 | 650808 | 20.0 |
| unknown6.46 | 6.46 | 71.5 | ng | 2325180 | 1 | 6.69 | 650808 | 20.0 |
| Propanoic acid, 2... | 10.14 | 2.5 | ng | 113586 | 3 | 9.73 | 929068 | 20.0 |
| 1-Docosene | 13.69 | 7.1 | ng | 246965 | 5 | 13.83 | 697358 | 20.0 |