LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120516\
Data File : BF091432.D
Acq On : 5 Dec 2016 21:50
Operator : UM/SJ
Sample : H5838-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** MW-17

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-BF112916.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 | 2.355 | 3 | 6 | 17 | rVB3 | 34009 | 97559 | 1.67% | 0.252% |
| 2 | 4.516 | 192 | 195 | 198 | rBV | 348905 | 392090 | 6.72% | 1.013% |
| 3 | 5.019 | 237 | 239 | 242 | rBV | 355109 | 524551 | 8.99% | 1.355% |
| 4 | 5.441 | 274 | 276 | 279 | rBV | 1987068 | 1989821 | 34.12% | 5.140% |
| 5 | 6.470 | 364 | 366 | 368 | rBV | 1485896 | 1251386 | 21.46% | 3.233% |
| 6 | 6.619 | 376 | 379 | 381 | rBV | 3684476 | 4135350 | 70.91% | 10.682% |
| 7 | 6.847 | 396 | 399 | 401 | rBV | 1093151 | 926920 | 15.89% | 2.394% |
| 8 | 7.007 | 410 | 413 | 415 | rVB | 3724067 | 3579366 | 61.38% | 9.246% |
| 9 | 7.407 | 445 | 448 | 451 | rBV | 2171262 | 3213212 | 55.10% | 8.300% |
| 10 | 8.127 | 509 | 511 | 513 | rVB | 973716 | 1159836 | 19.89% | 2.996% |
| 11 | 8.802 | 568 | 570 | 572 | rVB | 68562 | 67756 | 1.16% | 0.175% |
| 12 | 8.905 | 577 | 579 | 584 | rVV2 | 40683 | 88525 | 1.52% | 0.229% |
| 13 | 9.213 | 602 | 606 | 608 | rBV | 5586171 | 5646292 | 96.82% | 14.585% |
| 14 | 9.888 | 662 | 665 | 667 | rVB | 1695597 | 1515803 | 25.99% | 3.916% |
| 15 | 10.402 | 705 | 710 | 711 | rBV4 | 46193 | 62312 | 1.07% | 0.161% |
| 16 | 10.676 | 731 | 734 | 736 | rBV | 3878985 | 4068803 | 69.77% | 10.510% |
| 17 | 10.768 | 741 | 742 | 747 | rBV2 | 26685 | 76109 | 1.31% | 0.197% |
| 18 | 11.259 | 781 | 785 | 787 | rBV | 78986 | 96344 | 1.65% | 0.249% |
| 19 | 11.362 | 792 | 794 | 797 | rVV | 1088582 | 1407669 | 24.14% | 3.636% |
| 20 | 11.899 | 839 | 841 | 843 | rVB | 129597 | 108307 | 1.86% | 0.280% |
| 21 | 12.688 | 908 | 910 | 916 | rBV | 117135 | 152276 | 2.61% | 0.393% |
| 22 | 12.802 | 916 | 920 | 922 | rVB | 71528 | 87527 | 1.50% | 0.226% |
| 23 | 12.962 | 931 | 934 | 936 | rBV | 4797399 | 5831586 | 100.00% | 15.064% |
| 24 | 14.002 | 1022 | 1025 | 1027 | rBV | 1123147 | 1298143 | 22.26% | 3.353% |
| 25 | 15.420 | 1147 | 1149 | 1152 | rBV | 654635 | 934929 | 16.03% | 2.415% |

Sum of corrected areas: 38712472

LSC Report - Integrated Chromatogram

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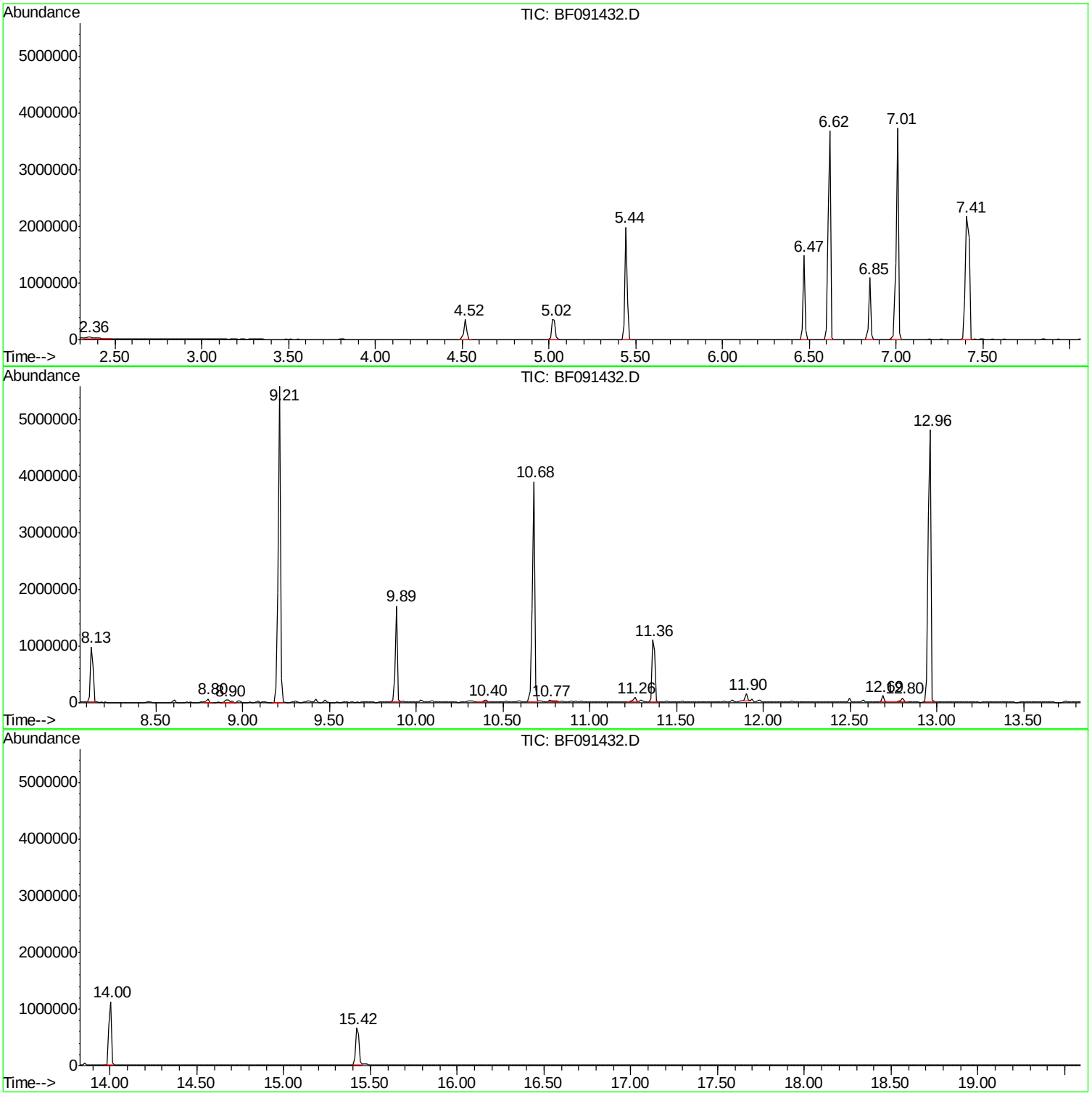
**Instrument :** BNA_F
**ClientSampleId :** MW-17

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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Operator : UM/SJ
Sample : H5838-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** MW-17

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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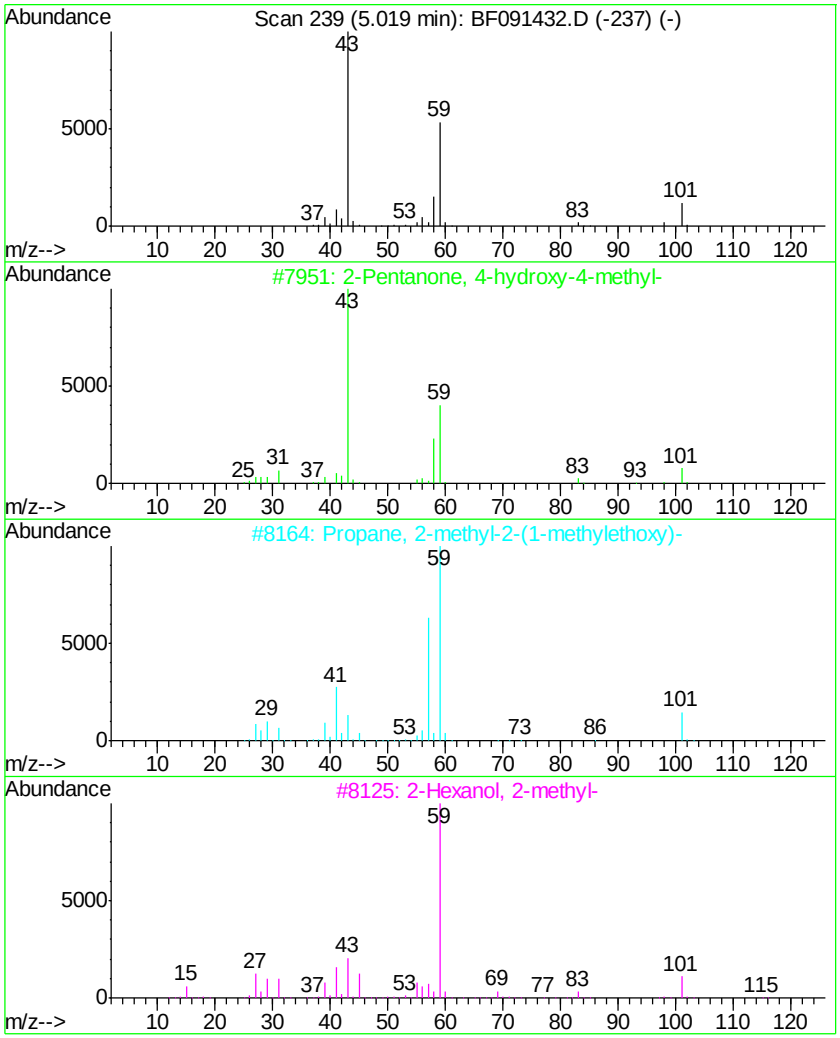
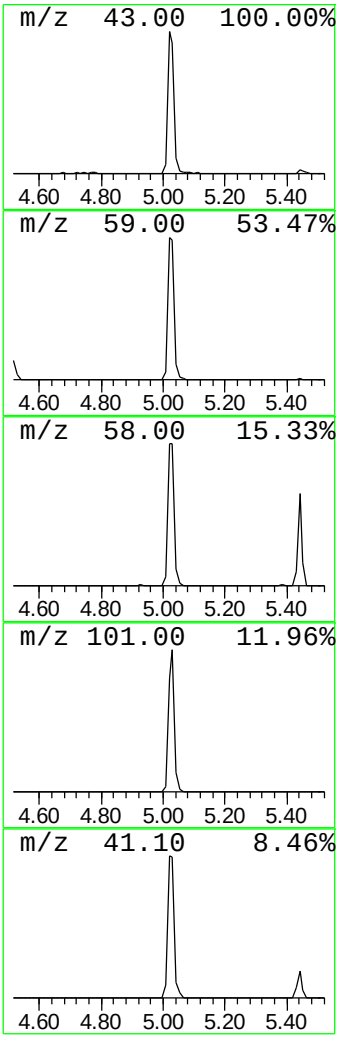
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.02 | 11.32 ng | 524551 | 1,4-Dichlorobenzene-d4 | 6.85 |

| 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 | 2-Hexanol, 2-methyl- | 116 | C7H16O | 000625-23-0 | 33 |
| 4 | 3-Heptanol, 4-methyl- | 130 | C8H18O | 014979-39-6 | 33 |
| 5 | 3-Hexanol, 4-methyl- | 116 | C7H16O | 000615-29-2 | 33 |



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Sample : H5838-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** MW-17

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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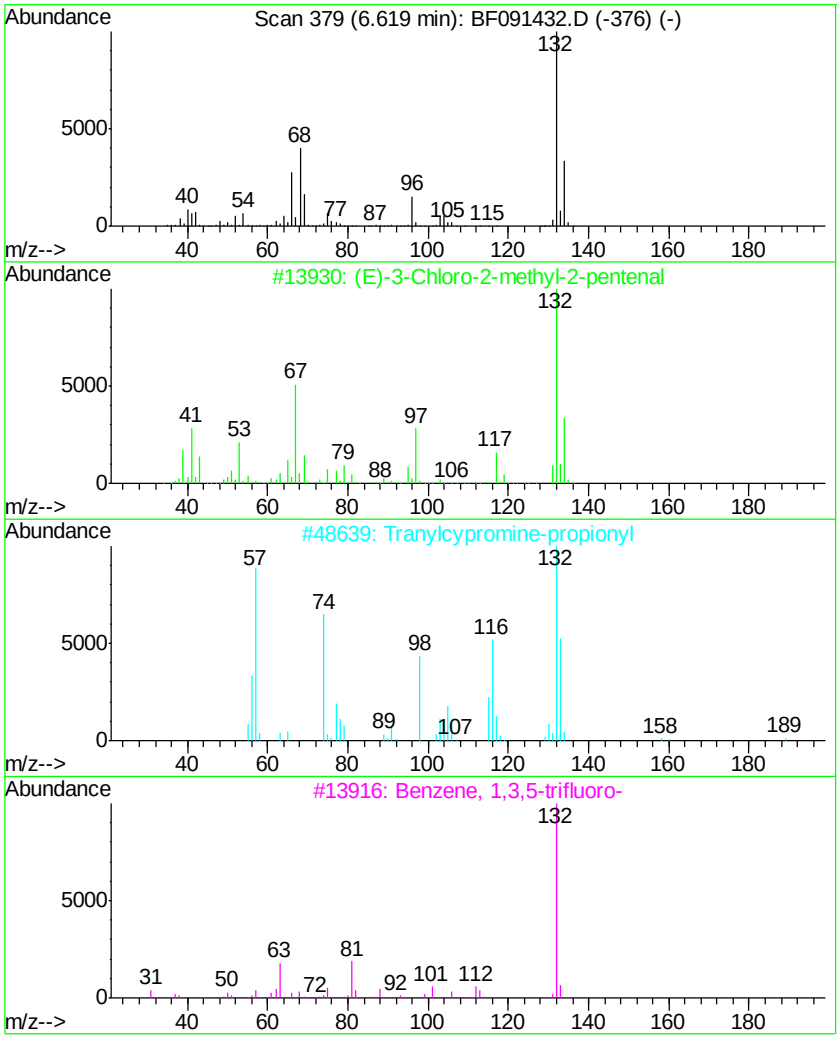
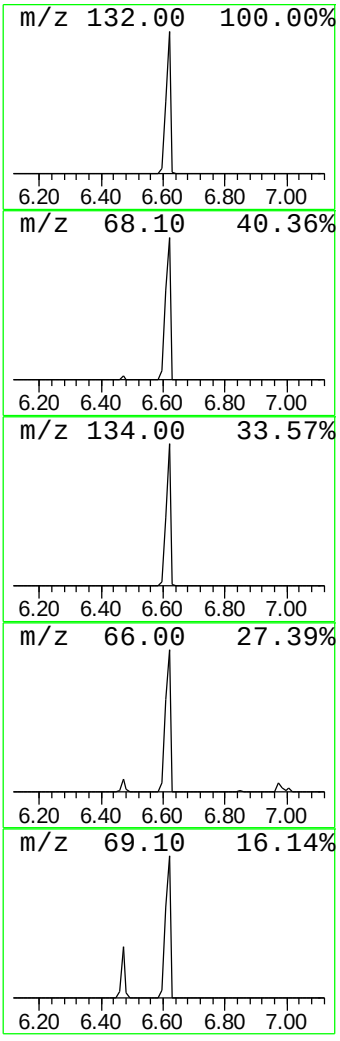
Peak Number 4 unknown6.62 Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.62 | 89.23 ng | 4135350 | 1,4-Dichlorobenzene-d4 | 6.85 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | (E)-3-Chloro-2-methyl-2-pentenal | 132 | C6H9ClO | 031357-76-3 | 17 |
| 2 | Tranylcypromine-propionyl | 189 | C12H15NO | 1000123-86-3 | 10 |
| 3 | Benzene, 1,3,5-trifluoro- | 132 | C6H3F3 | 000372-38-3 | 9 |
| 4 | Xenon | 132 | Xe | 007440-63-3 | 9 |
| 5 | Bicyclo[4.2.0]octa-1,3,5-triene,... | 132 | C10H12 | 028749-81-7 | 9 |



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Operator : UM/SJ
Sample : H5838-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** MW-17

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
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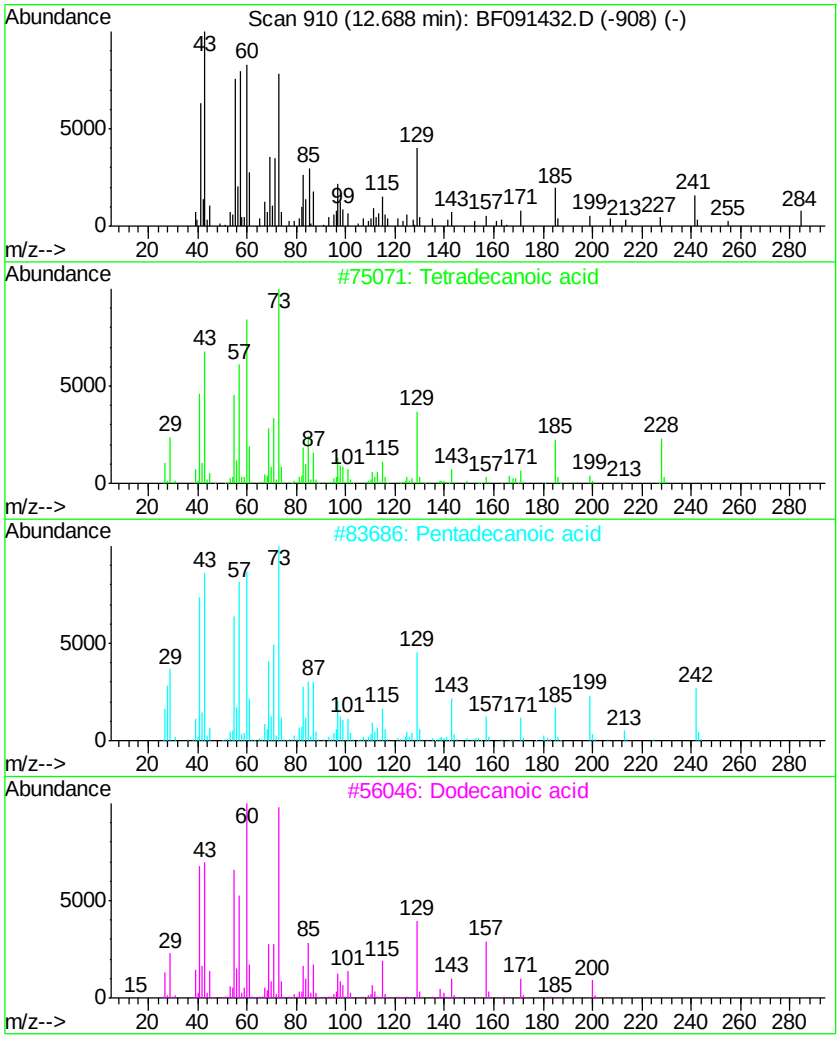
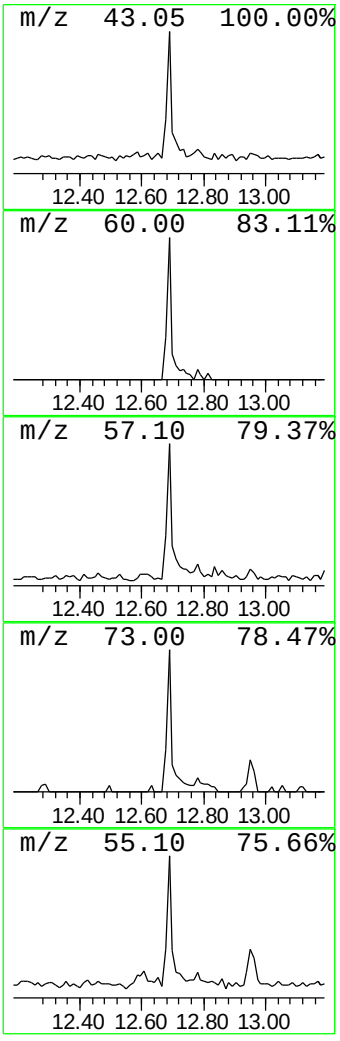
Peak Number 6 Tetradecanoic acid Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.69 | 2.35 ng | 152276 | Chrysene-d12 | 14.00 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tetradecanoic acid | 228 | C14H28O2 | 000544-63-8 | 74 |
| 2 | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 68 |
| 3 | Dodecanoic acid | 200 | C12H24O2 | 000143-07-7 | 64 |
| 4 | Undecanoic acid | 186 | C11H22O2 | 000112-37-8 | 50 |
| 5 | n-Decanoic acid | 172 | C10H20O2 | 000334-48-5 | 50 |



Tentatively Identified Compound (LSC) summary

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Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** MW-17

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

| | | | | | Internal Standard | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| 2-Pentanone, 4-hy... | 5.02 | 11.3 | ng | 524551 | 1 | 6.85 | 926920 | 20.0 |
| unknown6.62 | 6.62 | 89.2 | ng | 4135350 | 1 | 6.85 | 926920 | 20.0 |
| Tetradecanoic acid | 12.69 | 2.4 | ng | 152276 | 5 | 14.00 | 1298140 | 20.0 |