LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110817\
Data File : BF100302.D
Acq On : 8 Nov 2017 20:04
Operator : SJ/JU
Sample : I6311-01 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** TR-04-110617

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-BF110817.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 | 5.116 | 512 | 515 | 524 | rBV | 168285 | 176981 | 10.17% | 1.177% |
| 2 | 5.504 | 577 | 581 | 584 | rBV | 914852 | 754192 | 43.32% | 5.017% |
| 3 | 6.504 | 747 | 751 | 757 | rBV | 851864 | 793500 | 45.58% | 5.279% |
| 4 | 6.663 | 774 | 778 | 781 | rBV | 947515 | 811945 | 46.64% | 5.402% |
| 5 | 6.898 | 814 | 818 | 822 | rBV | 1564612 | 1305502 | 74.98% | 8.685% |
| 6 | 7.051 | 840 | 844 | 848 | rVB | 733932 | 660047 | 37.91% | 4.391% |
| 7 | 7.457 | 908 | 913 | 916 | rBV | 527610 | 461183 | 26.49% | 3.068% |
| 8 | 8.181 | 1032 | 1036 | 1039 | rBV | 2095412 | 1714088 | 98.45% | 11.403% |
| 9 | 9.251 | 1215 | 1218 | 1222 | rVB | 1183118 | 938447 | 53.90% | 6.243% |
| 10 | 9.645 | 1282 | 1285 | 1288 | rVB | 27572 | 20318 | 1.17% | 0.135% |
| 11 | 9.933 | 1330 | 1334 | 1338 | rBV | 1855315 | 1741020 | 100.00% | 11.582% |
| 12 | 10.645 | 1451 | 1455 | 1458 | rBV | 86254 | 70183 | 4.03% | 0.467% |
| 13 | 10.716 | 1464 | 1467 | 1471 | rBV | 501573 | 399275 | 22.93% | 2.656% |
| 14 | 11.422 | 1583 | 1587 | 1590 | rBV | 1829819 | 1547387 | 88.88% | 10.294% |
| 15 | 11.445 | 1590 | 1591 | 1594 | rVB | 57205 | 27617 | 1.59% | 0.184% |
| 16 | 11.810 | 1650 | 1653 | 1656 | rBV | 76613 | 56158 | 3.23% | 0.374% |
| 17 | 12.498 | 1767 | 1770 | 1771 | rBV | 45521 | 40736 | 2.34% | 0.271% |
| 18 | 12.516 | 1771 | 1773 | 1776 | rVB | 201229 | 147775 | 8.49% | 0.983% |
| 19 | 12.598 | 1785 | 1787 | 1790 | rBV | 36406 | 31982 | 1.84% | 0.213% |
| 20 | 12.633 | 1790 | 1793 | 1796 | rVB | 83962 | 75526 | 4.34% | 0.502% |
| 21 | 12.863 | 1829 | 1832 | 1834 | rVB | 65839 | 57975 | 3.33% | 0.386% |
| 22 | 13.004 | 1852 | 1856 | 1859 | rBV | 707594 | 629156 | 36.14% | 4.186% |
| 23 | 13.898 | 2005 | 2008 | 2015 | rVB8 | 22966 | 38514 | 2.21% | 0.256% |
| 24 | 14.057 | 2030 | 2035 | 2038 | rBV | 1283210 | 1191794 | 68.45% | 7.929% |
| 25 | 15.098 | 2210 | 2212 | 2220 | rVB | 45491 | 88946 | 5.11% | 0.592% |
| 26 | 15.539 | 2282 | 2287 | 2300 | rVB | 919503 | 1251257 | 71.87% | 8.324% |

Sum of corrected areas: 15031504

LSC Report - Integrated Chromatogram

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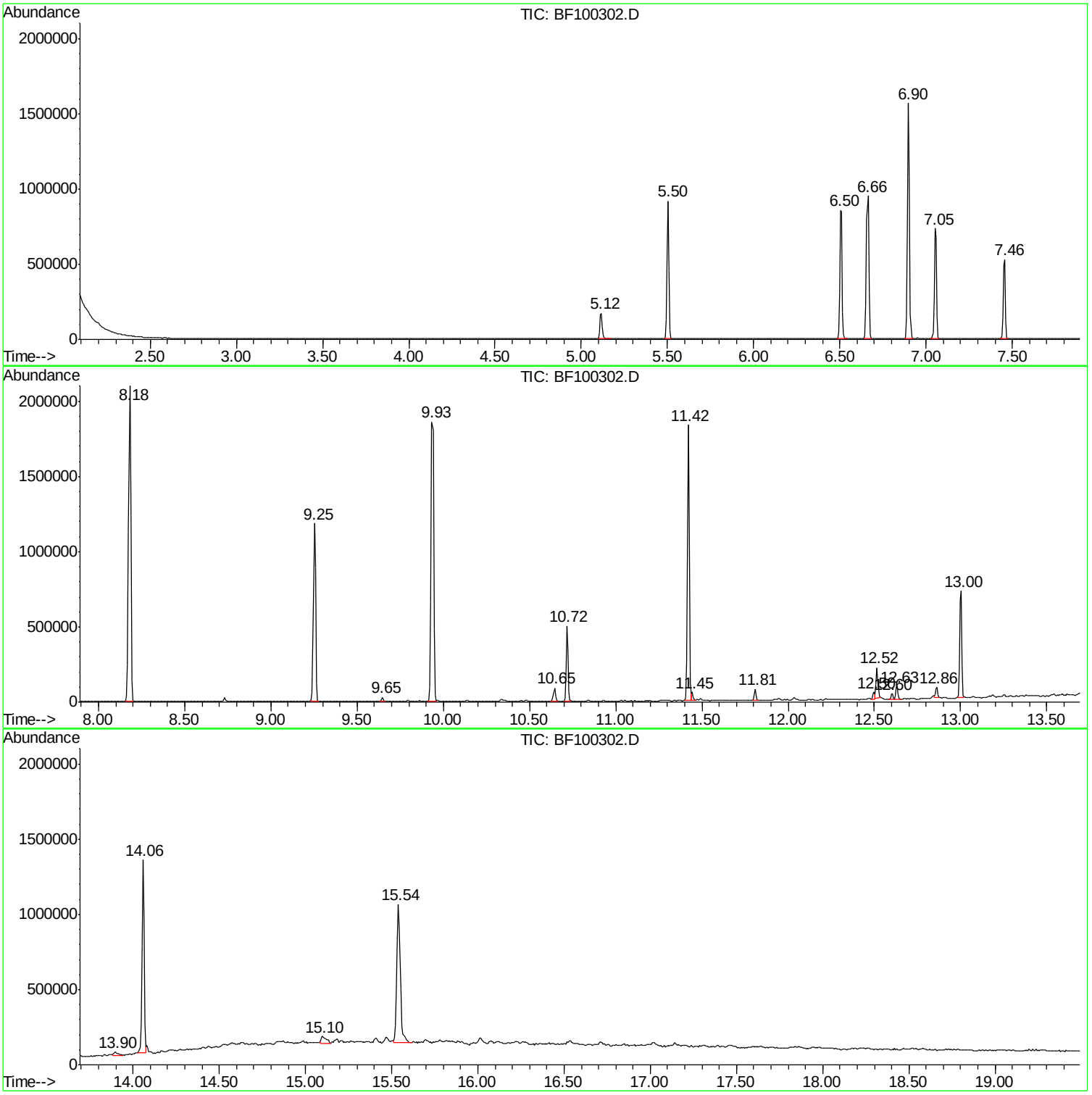
**Instrument :**
BNA_F
**ClientSampleId :**
TR-04-110617

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

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Acq On : 8 Nov 2017 20:04
Operator : SJ/JU
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Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** TR-04-110617

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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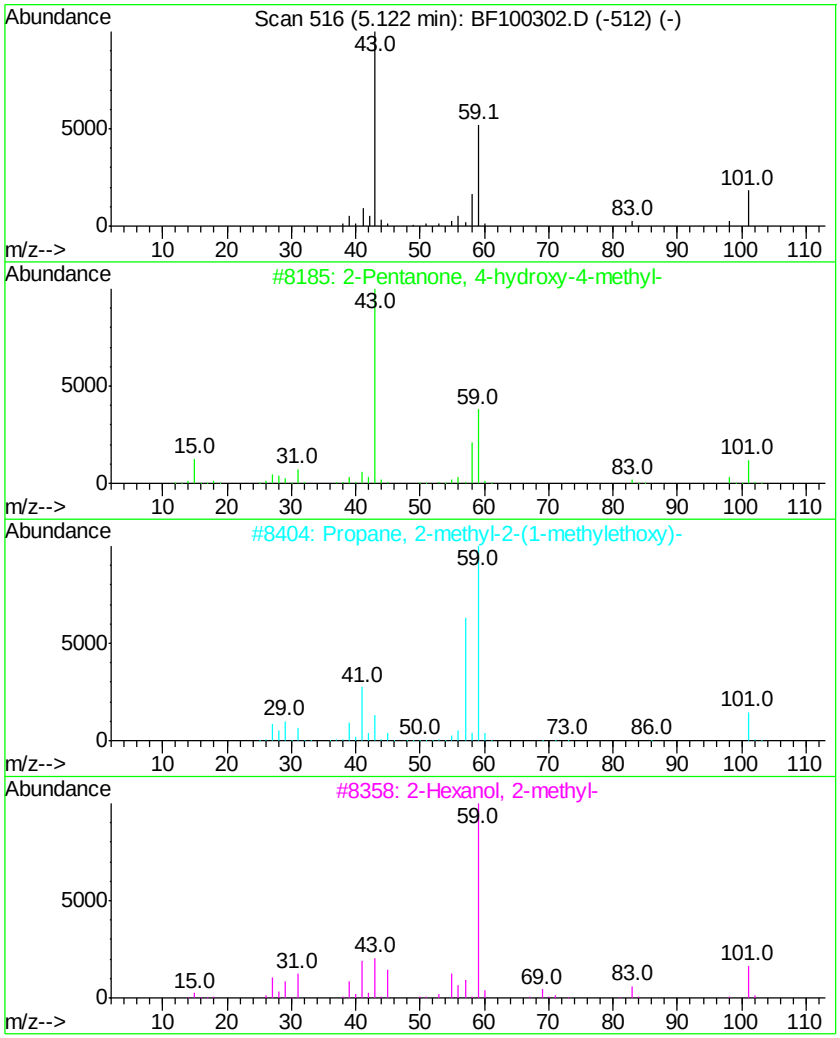
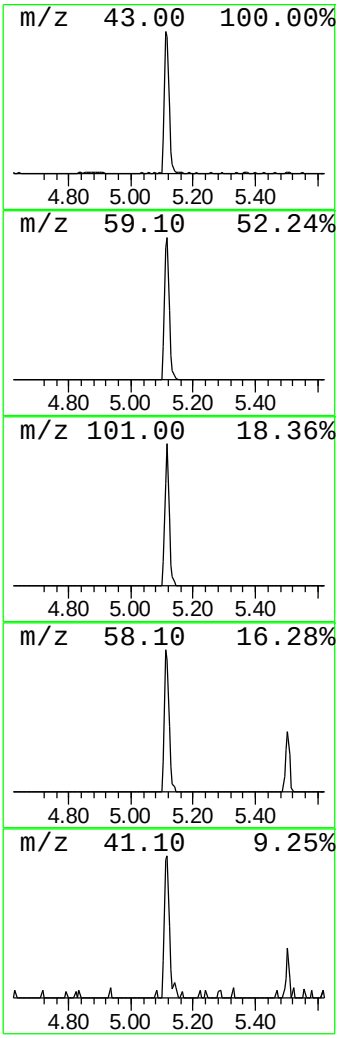
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.12 | 2.71 ng | 176981 | 1,4-Dichlorobenzene-d4 | 6.90 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2 | 000123-42-2 | 45 |
| 2 | Propane, 2-methyl-2-(1-methyleth... | 116 | C7H16O | 017348-59-3 | 33 |
| 3 | 2-Hexanol, 2-methyl- | 116 | C7H16O | 000625-23-0 | 28 |
| 4 | Acetic acid, cyano-, 1,1-dimethy... | 141 | C7H11NO2 | 001116-98-9 | 25 |
| 5 | 2,3-Butanedione, monooxime | 101 | C4H7NO2 | 000057-71-6 | 16 |



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**Instrument :** BNA_F
**ClientSampleId :** TR-04-110617

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.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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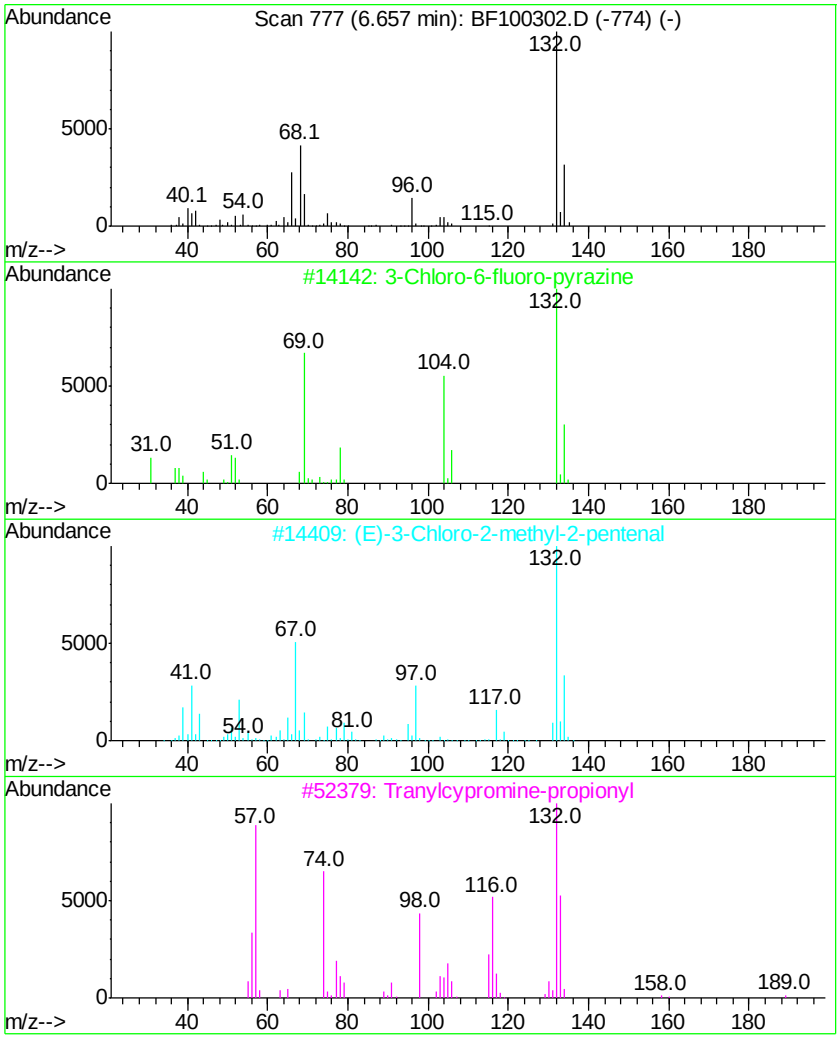
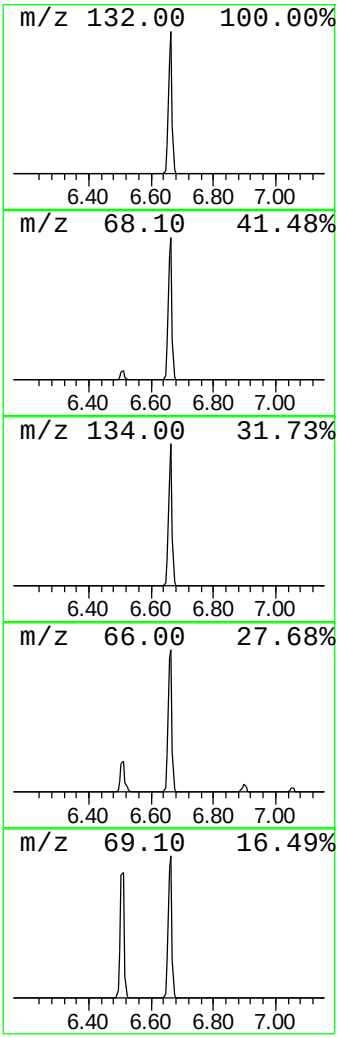
Peak Number 2 unknown6.66 Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.66 | 12.44 ng | 811945 | 1,4-Dichlorobenzene-d4 | 6.90 |

| 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 | 5-Aminoindole | 132 | C8H8N2 | 005192-03-0 | 12 |
| 5 | 4-Chloro-2-fluoro-pyrimidine | 132 | C4H2ClFN2 | 051422-00-5 | 9 |



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... | 5.12 | 2.7 | ng | 176981 | 1 | 6.90 | 1305500 | 20.0 |
| unknown6.66 | 6.66 | 12.4 | ng | 811945 | 1 | 6.90 | 1305500 | 20.0 |