LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013019\
Data File : BF112337.D
Acq On : 30 Jan 2019 22:32
Operator : JU/SJ
Sample : PB116708BL
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** PB116708BL

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-BF012519.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 | 5.063 | 502 | 506 | 517 | rBV | 193659 | 238782 | 5.41% | 0.860% |
| 2 | 5.481 | 573 | 577 | 601 | rBV | 2471437 | 2359375 | 53.50% | 8.502% |
| 3 | 6.481 | 743 | 747 | 766 | rBV | 2365916 | 2391407 | 54.22% | 8.617% |
| 4 | 6.610 | 766 | 769 | 779 | rVB | 2680348 | 2558523 | 58.01% | 9.219% |
| 5 | 6.834 | 804 | 807 | 816 | rBV | 905071 | 807815 | 18.32% | 2.911% |
| 6 | 6.992 | 830 | 834 | 838 | rBV | 3483427 | 3114653 | 70.62% | 11.223% |
| 7 | 7.398 | 898 | 903 | 921 | rBV | 2317881 | 2325880 | 52.74% | 8.381% |
| 8 | 8.116 | 1021 | 1025 | 1040 | rBV | 932699 | 992639 | 22.51% | 3.577% |
| 9 | 9.192 | 1202 | 1208 | 1211 | rBV | 4617912 | 4410361 | 100.00% | 15.892% |
| 10 | 9.875 | 1318 | 1324 | 1335 | rBV | 971496 | 1050901 | 23.83% | 3.787% |
| 11 | 10.663 | 1454 | 1458 | 1485 | rBV | 1255599 | 1275780 | 28.93% | 4.597% |
| 12 | 11.357 | 1572 | 1576 | 1593 | rBV | 924787 | 963453 | 21.85% | 3.472% |
| 13 | 12.939 | 1841 | 1845 | 1861 | rBV | 3605041 | 3222351 | 73.06% | 11.611% |
| 14 | 13.998 | 2022 | 2025 | 2035 | rBV | 744729 | 804703 | 18.25% | 2.900% |
| 15 | 15.086 | 2207 | 2210 | 2216 | rBV | 44649 | 51904 | 1.18% | 0.187% |
| 16 | 15.468 | 2269 | 2275 | 2283 | rBV | 673327 | 933738 | 21.17% | 3.365% |
| 17 | 15.892 | 2343 | 2347 | 2353 | rBV2 | 47200 | 75517 | 1.71% | 0.272% |
| 18 | 16.392 | 2426 | 2432 | 2438 | rBV2 | 43634 | 76319 | 1.73% | 0.275% |
| 19 | 16.974 | 2526 | 2531 | 2538 | rVB3 | 28598 | 53292 | 1.21% | 0.192% |
| 20 | 17.662 | 2644 | 2648 | 2654 | rVB7 | 20797 | 44795 | 1.02% | 0.161% |

Sum of corrected areas: 27752188

LSC Report - Integrated Chromatogram

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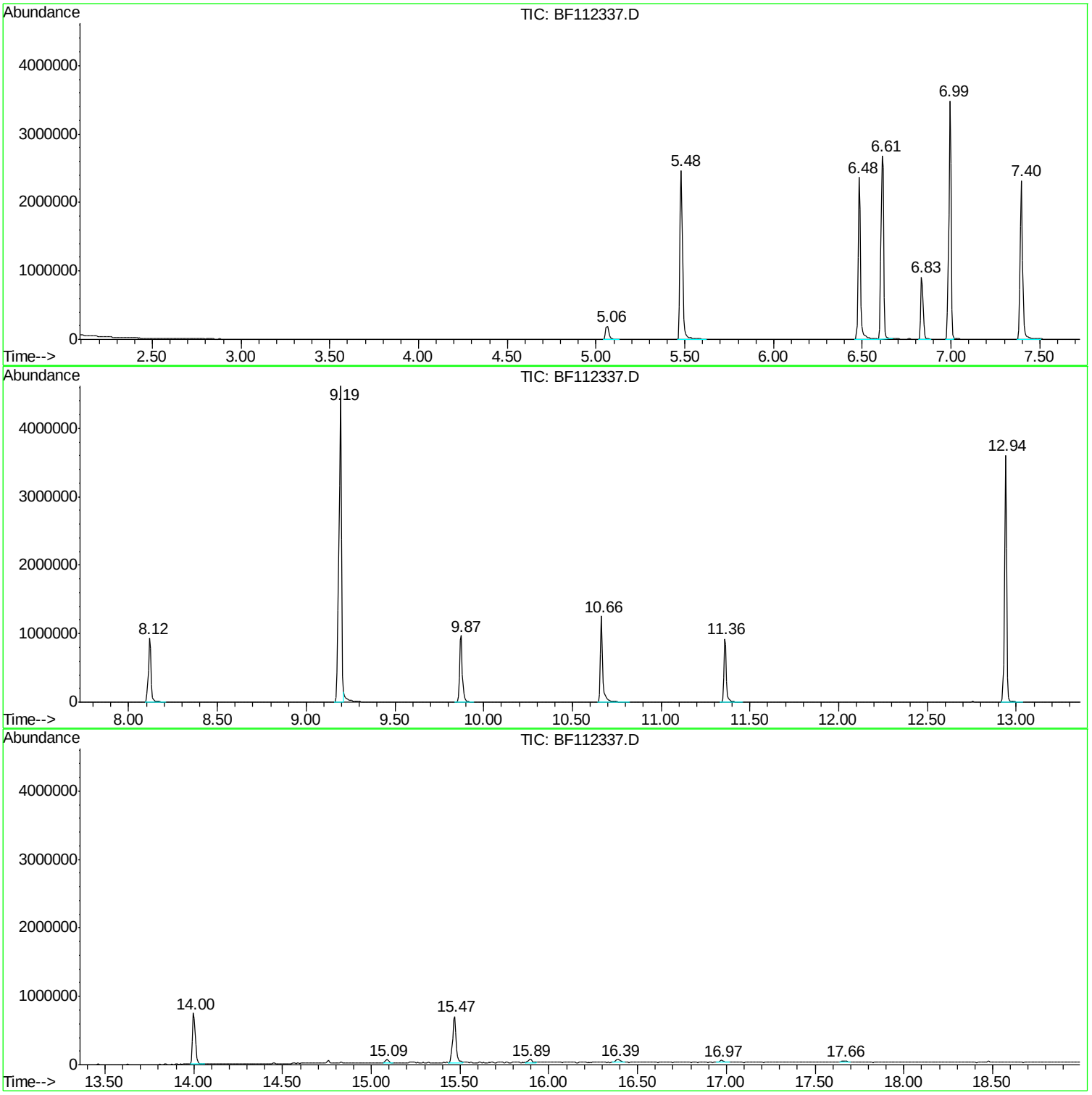
**Instrument :**
BNA_F
**ClientSampleId :**
PB116708BL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.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

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013019\
Data File : BF112337.D
Acq On : 30 Jan 2019 22:32
Operator : JU/SJ
Sample : PB116708BL
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** PB116708BL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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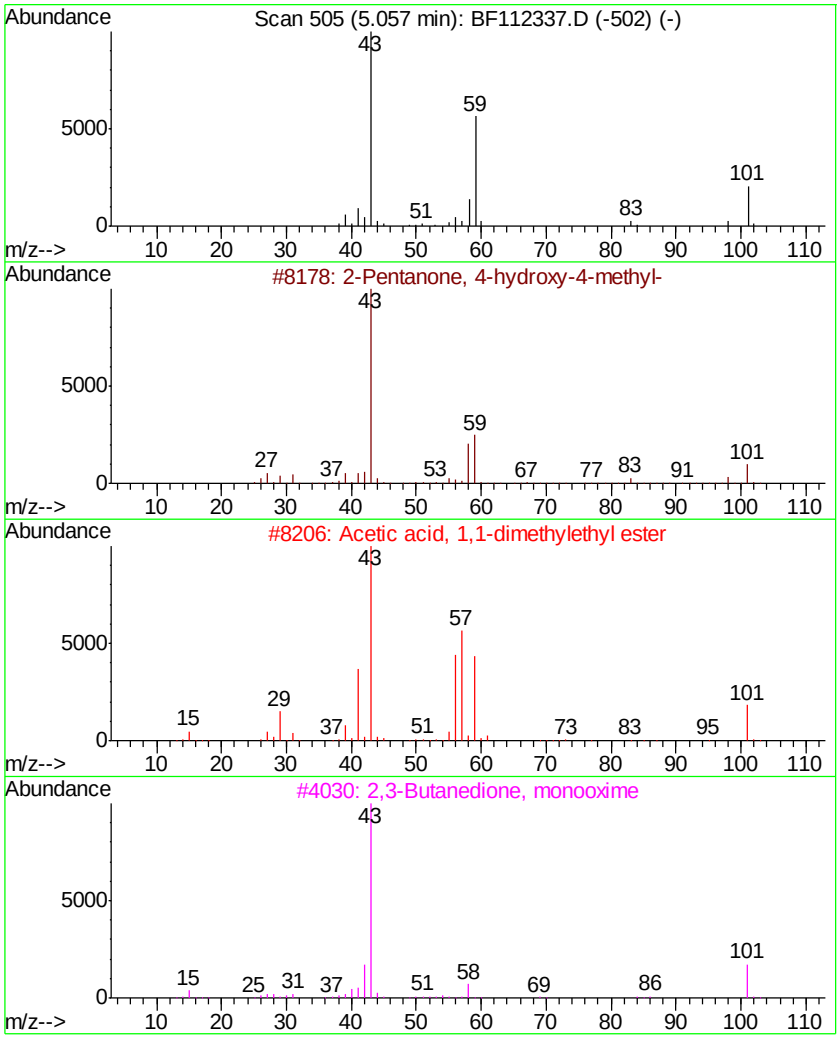
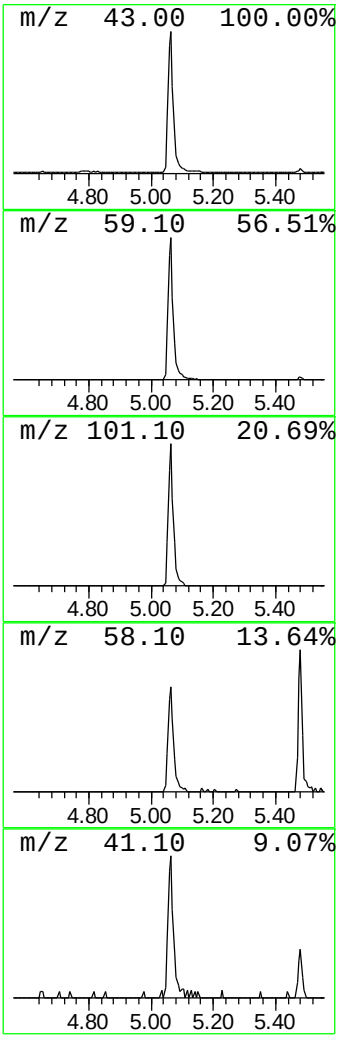
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.06 | 5.91 ng | 238782 | 1,4-Dichlorobenzene-d4 | 6.83 |

| 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 | 39 |
| 3 | 2,3-Butanedione, monooxime | 101 | C4H7NO2 | 000057-71-6 | 35 |
| 4 | Acetic acid, cyano-, 1,1-dimethy... | 141 | C7H11NO2 | 001116-98-9 | 17 |
| 5 | Butane, 1-ethoxy- | 102 | C6H14O | 000628-81-9 | 9 |



Library Search Compound Report

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**Instrument :** BNA_F
**ClientSampleId :** PB116708BL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.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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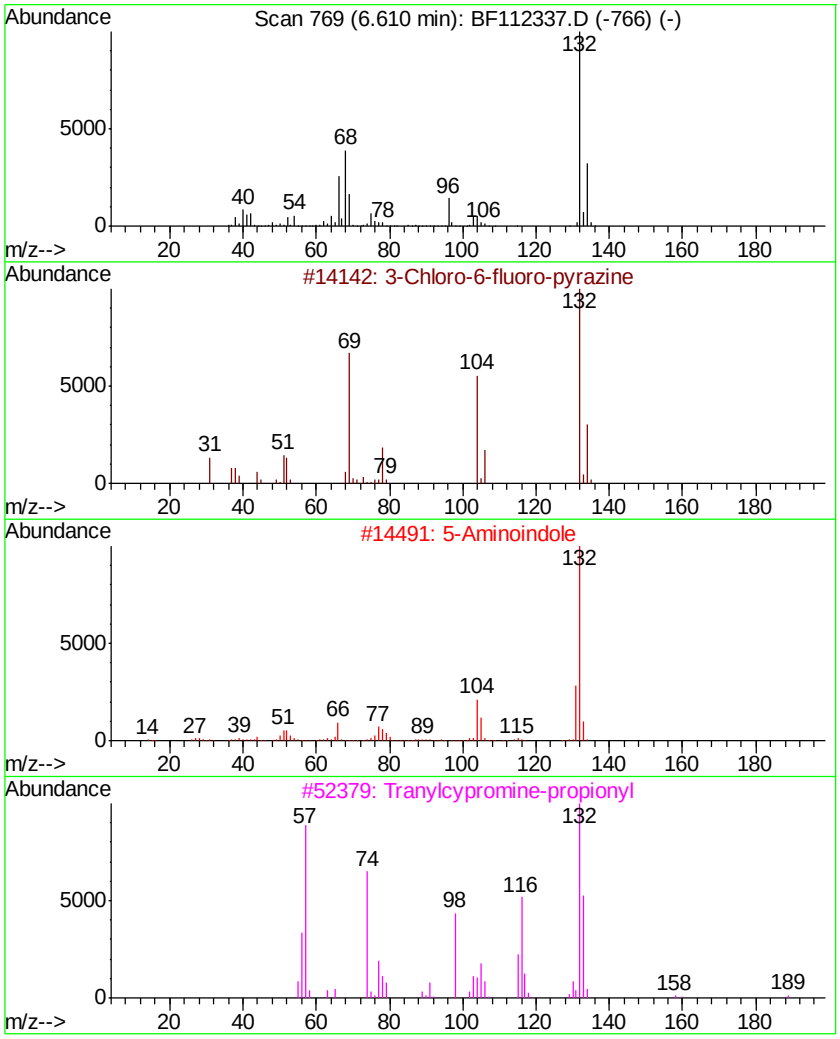
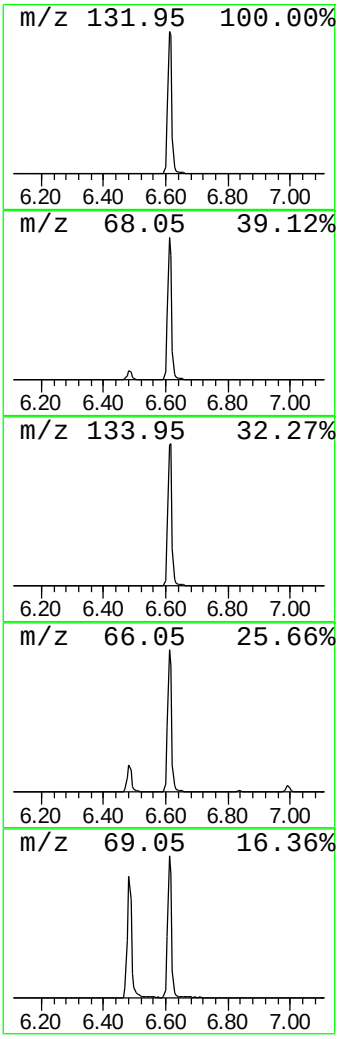
Peak Number 2 unknown6.61 Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.61 | 63.34 ng | 2558520 | 1,4-Dichlorobenzene-d4 | 6.83 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 3-Chloro-6-fluoro-pyrazine | 132 | C4H2ClFN2 | 1000146-10-7 | 16 |
| 2 | 5-Aminoindole | 132 | C8H8N2 | 005192-03-0 | 12 |
| 3 | Tranylcypromine-propionyl | 189 | C12H15NO | 1000123-86-3 | 10 |
| 4 | (E)-3-Chloro-2-methyl-2-pentenal | 132 | C6H9ClO | 031357-76-3 | 9 |
| 5 | 4-Chloro-2-fluoro-pyrimidine | 132 | C4H2ClFN2 | 051422-00-5 | 9 |



Tentatively Identified Compound (LSC) summary

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Operator : JU/SJ
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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-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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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... | 5.06 | 5.9 | ng | 238782 | 1 | 6.83 | 807815 | 20.0 |
| unknown6.61 | 6.61 | 63.3 | ng | 2558520 | 1 | 6.83 | 807815 | 20.0 |