LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062218\
Data File : BF106738.D
Acq On : 23 Jun 2018 5:08
Operator : JU/SJ
Sample : J3634-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** DSN-002A-062018

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-BF061918.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 | 5.184 | 481 | 484 | 493 | rBB | 27159 | 32236 | 2.32% | 0.328% |
| 2 | 5.595 | 550 | 554 | 565 | rBB | 658239 | 586060 | 42.10% | 5.960% |
| 3 | 6.589 | 720 | 723 | 729 | rBV | 414632 | 407831 | 29.29% | 4.148% |
| 4 | 6.736 | 743 | 748 | 751 | rBV | 1023700 | 1007792 | 72.39% | 10.249% |
| 5 | 6.954 | 782 | 785 | 789 | rBB | 344366 | 311915 | 22.40% | 3.172% |
| 6 | 7.113 | 808 | 812 | 816 | rBV | 1004495 | 957968 | 68.81% | 9.742% |
| 7 | 7.525 | 876 | 882 | 885 | rBV | 793965 | 803722 | 57.73% | 8.174% |
| 8 | 8.242 | 1000 | 1004 | 1007 | rBV | 430877 | 388346 | 27.89% | 3.949% |
| 9 | 9.313 | 1182 | 1186 | 1190 | rBV | 1410510 | 1392195 | 100.00% | 14.158% |
| 10 | 9.419 | 1201 | 1204 | 1207 | rVB | 17647 | 15108 | 1.09% | 0.154% |
| 11 | 9.701 | 1249 | 1252 | 1257 | rBV | 74740 | 64566 | 4.64% | 0.657% |
| 12 | 9.907 | 1284 | 1287 | 1291 | rBV | 18774 | 15817 | 1.14% | 0.161% |
| 13 | 10.001 | 1299 | 1303 | 1311 | rBV | 444816 | 427393 | 30.70% | 4.346% |
| 14 | 10.407 | 1370 | 1372 | 1375 | rVB | 29091 | 22217 | 1.60% | 0.226% |
| 15 | 10.795 | 1433 | 1438 | 1441 | rBV | 809497 | 827228 | 59.42% | 8.413% |
| 16 | 10.883 | 1449 | 1453 | 1462 | rVB2 | 27918 | 31821 | 2.29% | 0.324% |
| 17 | 11.336 | 1526 | 1530 | 1532 | rBV2 | 23185 | 20542 | 1.48% | 0.209% |
| 18 | 11.489 | 1552 | 1556 | 1560 | rBV | 469440 | 388439 | 27.90% | 3.950% |
| 19 | 13.077 | 1821 | 1826 | 1829 | rBV | 1245844 | 1163526 | 83.57% | 11.833% |
| 20 | 13.954 | 1970 | 1975 | 1980 | rBV | 18706 | 21759 | 1.56% | 0.221% |
| 21 | 14.142 | 2003 | 2007 | 2012 | rBV | 432061 | 371604 | 26.69% | 3.779% |
| 22 | 14.595 | 2081 | 2084 | 2088 | rBV2 | 20762 | 17817 | 1.28% | 0.181% |
| 23 | 14.912 | 2134 | 2138 | 2146 | rBV | 29316 | 29115 | 2.09% | 0.296% |
| 24 | 15.271 | 2195 | 2199 | 2202 | rVB | 33065 | 34207 | 2.46% | 0.348% |
| 25 | 15.683 | 2261 | 2269 | 2276 | rBV | 276358 | 403798 | 29.00% | 4.107% |
| 26 | 16.130 | 2340 | 2345 | 2351 | rBV | 24478 | 37820 | 2.72% | 0.385% |
| 27 | 16.665 | 2431 | 2436 | 2441 | rVB2 | 13230 | 21601 | 1.55% | 0.220% |
| 28 | 17.736 | 2608 | 2618 | 2625 | rBV3 | 8470 | 30619 | 2.20% | 0.311% |

Sum of corrected areas: 9833062

LSC Report - Integrated Chromatogram

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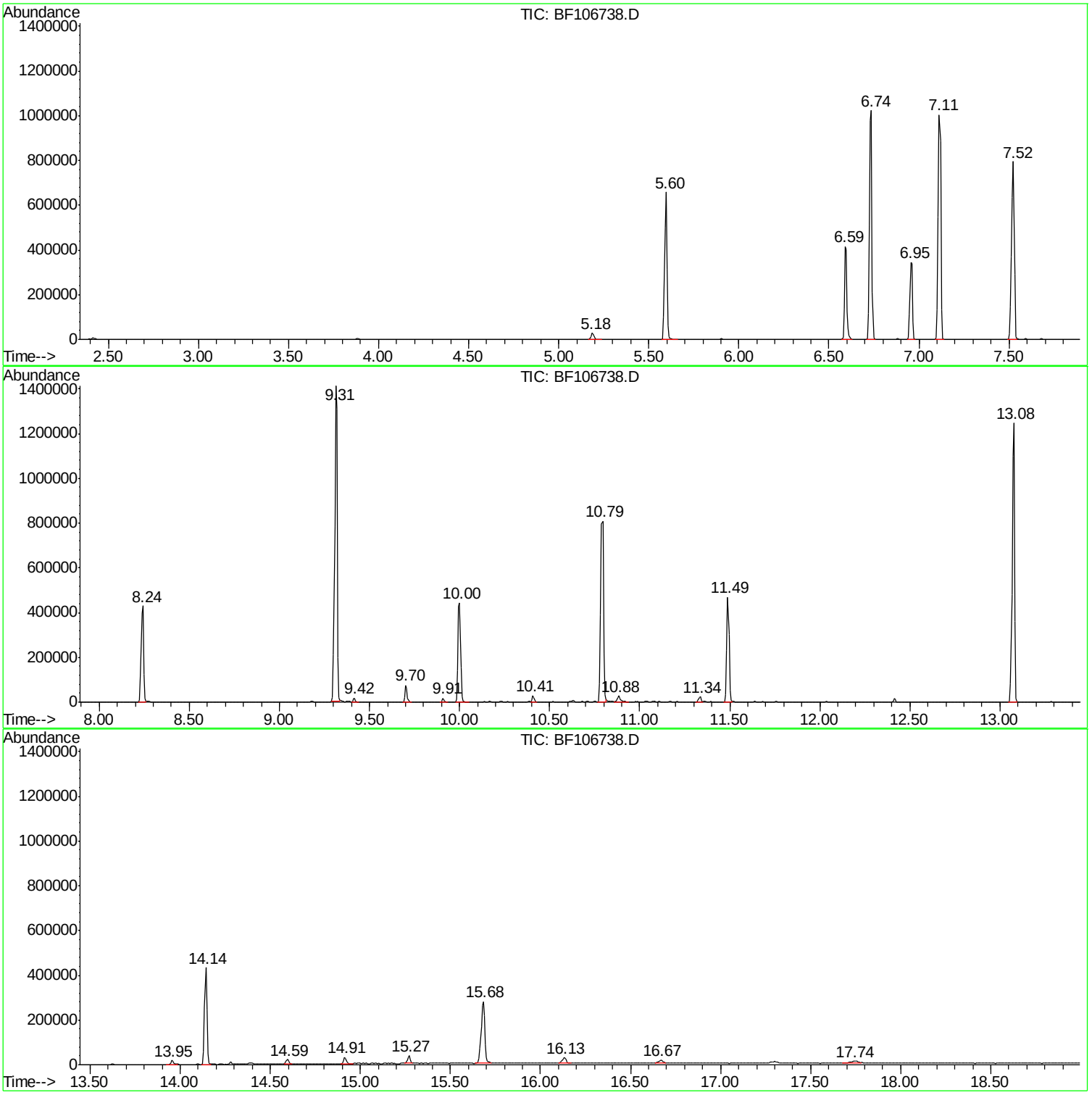
ALS Vial : 28 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
DSN-002A-062018

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.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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Data File : BF106738.D
Acq On : 23 Jun 2018 5:08
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**ClientSampleId :** DSN-002A-062018

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
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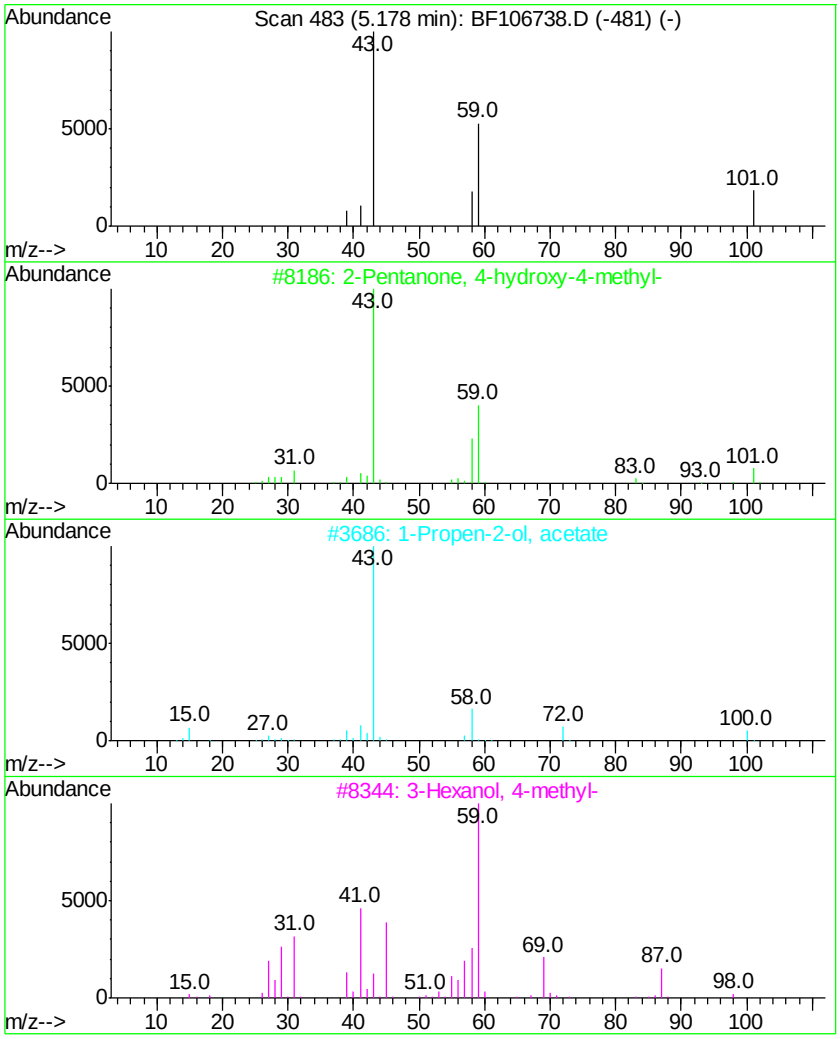
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

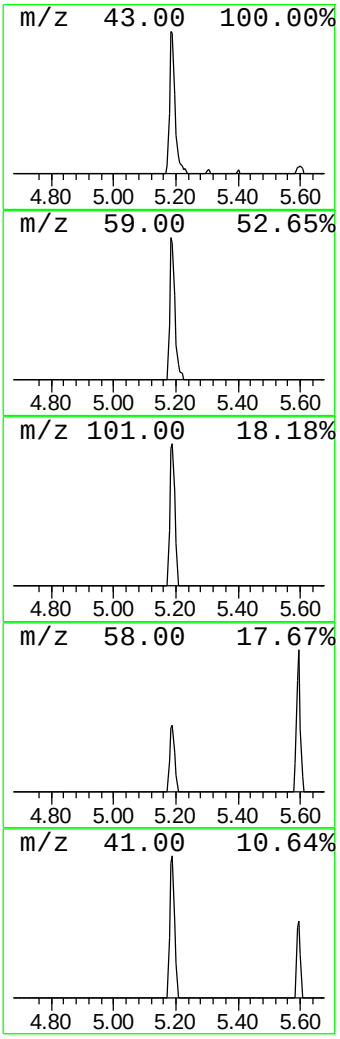
**********

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.18 | 2.07 ng | 32236 | 1,4-Dichlorobenzene-d4 | 6.96 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2 | 000123-42-2 | 9 |
| 2 | 1-Propen-2-ol, acetate | 100 | C5H8O2 | 000108-22-5 | 9 |
| 3 | 3-Hexanol, 4-methyl- | 116 | C7H16O | 000615-29-2 | 9 |
| 4 | 2,3-Butanedione, monooxime | 101 | C4H7NO2 | 000057-71-6 | 7 |
| 5 | Guanidine | 59 | CH5N3 | 000113-00-8 | 5 |



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**Instrument :** BNA_F
**ClientSampleId :** DSN-002A-062018

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
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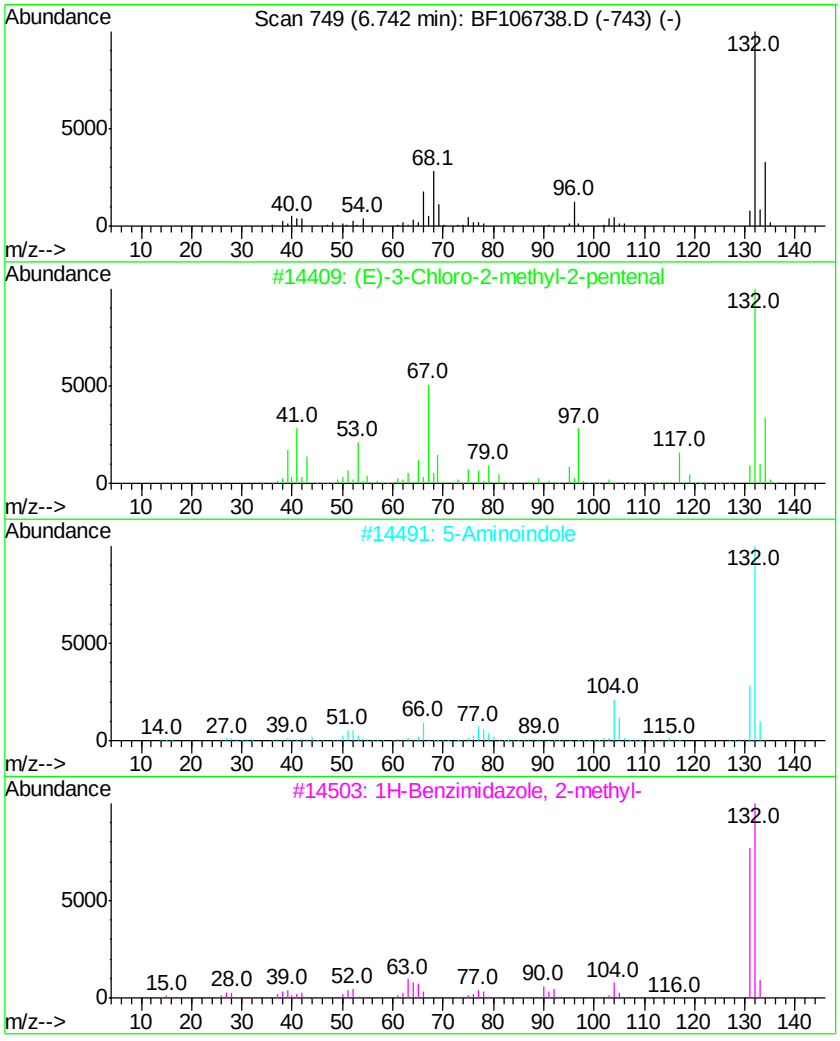
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

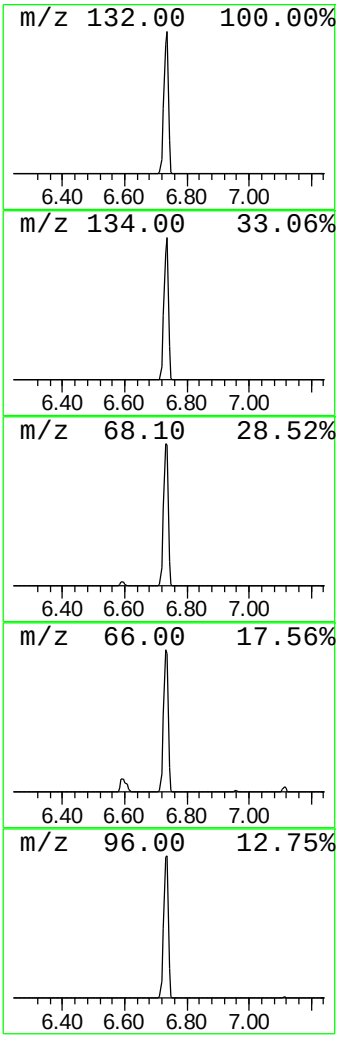
**********

Peak Number 2 unknown6.74 Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.74 | 64.62 ng | 1007790 | 1,4-Dichlorobenzene-d4 | 6.96 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | (E)-3-Chloro-2-methyl-2-pentenal | 132 | C6H9ClO | 031357-76-3 | 17 |
| 2 | 5-Aminoindole | 132 | C8H8N2 | 005192-03-0 | 12 |
| 3 | 1H-Benzimidazole, 2-methyl- | 132 | C8H8N2 | 000615-15-6 | 10 |
| 4 | 1,3,5-Trifluorobenzene | 132 | C6H3F3 | 000372-38-3 | 9 |
| 5 | 4-Chloro-6-fluoro-pyrimidine | 132 | C4H2ClFN2 | 051422-01-6 | 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... | 5.18 | 2.1 | ng | 32236 | 1 | 6.96 | 311915 | 20.0 |
| unknown6.74 | 6.74 | 64.6 | ng | 1007790 | 1 | 6.96 | 311915 | 20.0 |