LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072718\
Data File : BF107754.D
Acq On : 27 Jul 2018 19:01
Operator : JU/SJ
Sample : J4189-19
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** TP-14-D

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-BF072018.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 | 5.190 | 481 | 485 | 500 | rBV | 218307 | 277304 | 11.86% | 1.352% |
| 2 | 5.596 | 550 | 554 | 571 | rBV | 792186 | 1473141 | 63.02% | 7.184% |
| 3 | 6.595 | 721 | 724 | 744 | rBV | 837939 | 1760957 | 75.33% | 8.587% |
| 4 | 6.731 | 744 | 747 | 783 | rVV | 1467661 | 2337503 | 100.00% | 11.399% |
| 5 | 6.960 | 783 | 786 | 808 | rVV | 438949 | 881316 | 37.70% | 4.298% |
| 6 | 7.113 | 808 | 812 | 836 | rVB | 1269174 | 1584042 | 67.77% | 7.725% |
| 7 | 7.525 | 879 | 882 | 906 | rBV | 524447 | 1158235 | 49.55% | 5.648% |
| 8 | 8.242 | 1000 | 1004 | 1024 | rBV | 740165 | 1065585 | 45.59% | 5.196% |
| 9 | 9.313 | 1182 | 1186 | 1212 | rBV | 1764327 | 2128730 | 91.07% | 10.381% |
| 10 | 9.707 | 1250 | 1253 | 1262 | rVB | 83102 | 93147 | 3.98% | 0.454% |
| 11 | 10.001 | 1299 | 1303 | 1322 | rBV | 922794 | 1072860 | 45.90% | 5.232% |
| 12 | 10.795 | 1434 | 1438 | 1460 | rBV | 764558 | 1163617 | 49.78% | 5.674% |
| 13 | 11.495 | 1553 | 1557 | 1583 | rBV | 721626 | 958984 | 41.03% | 4.677% |
| 14 | 13.077 | 1822 | 1826 | 1843 | rBV | 1445957 | 1675245 | 71.67% | 8.169% |
| 15 | 13.624 | 1916 | 1919 | 1922 | rBV | 26451 | 23880 | 1.02% | 0.116% |
| 16 | 13.954 | 1972 | 1975 | 1982 | rBV | 73442 | 86558 | 3.70% | 0.422% |
| 17 | 14.142 | 2003 | 2007 | 2021 | rBV | 831754 | 1076370 | 46.05% | 5.249% |
| 18 | 14.271 | 2026 | 2029 | 2032 | rVV2 | 38032 | 34043 | 1.46% | 0.166% |
| 19 | 14.577 | 2078 | 2081 | 2084 | rBV | 52546 | 53945 | 2.31% | 0.263% |
| 20 | 14.895 | 2132 | 2135 | 2138 | rVB | 61623 | 59398 | 2.54% | 0.290% |
| 21 | 14.977 | 2145 | 2149 | 2152 | rBV | 107190 | 111640 | 4.78% | 0.544% |
| 22 | 15.248 | 2192 | 2195 | 2200 | rVB2 | 73111 | 86474 | 3.70% | 0.422% |
| 23 | 15.677 | 2259 | 2268 | 2286 | rBV | 587704 | 1135174 | 48.56% | 5.536% |
| 24 | 16.107 | 2337 | 2341 | 2348 | rVB | 69289 | 104447 | 4.47% | 0.509% |
| 25 | 16.636 | 2428 | 2431 | 2439 | rVB3 | 63215 | 103648 | 4.43% | 0.505% |

Sum of corrected areas: 20506243

LSC Report - Integrated Chromatogram

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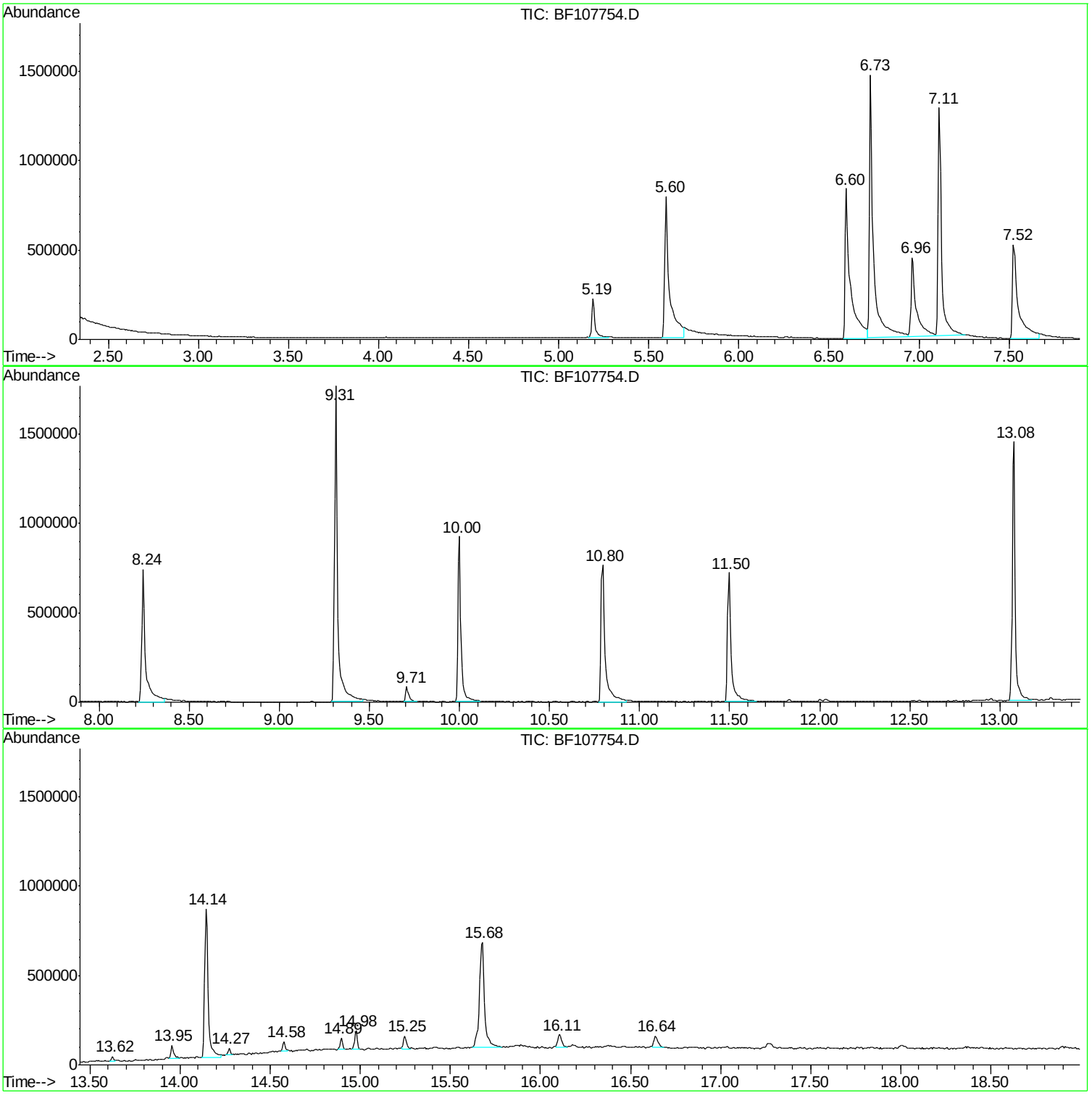
Sample : J4189-19
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
TP-14-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072718\
Data File : BF107754.D
Acq On : 27 Jul 2018 19:01
Operator : JU/SJ
Sample : J4189-19
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** TP-14-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.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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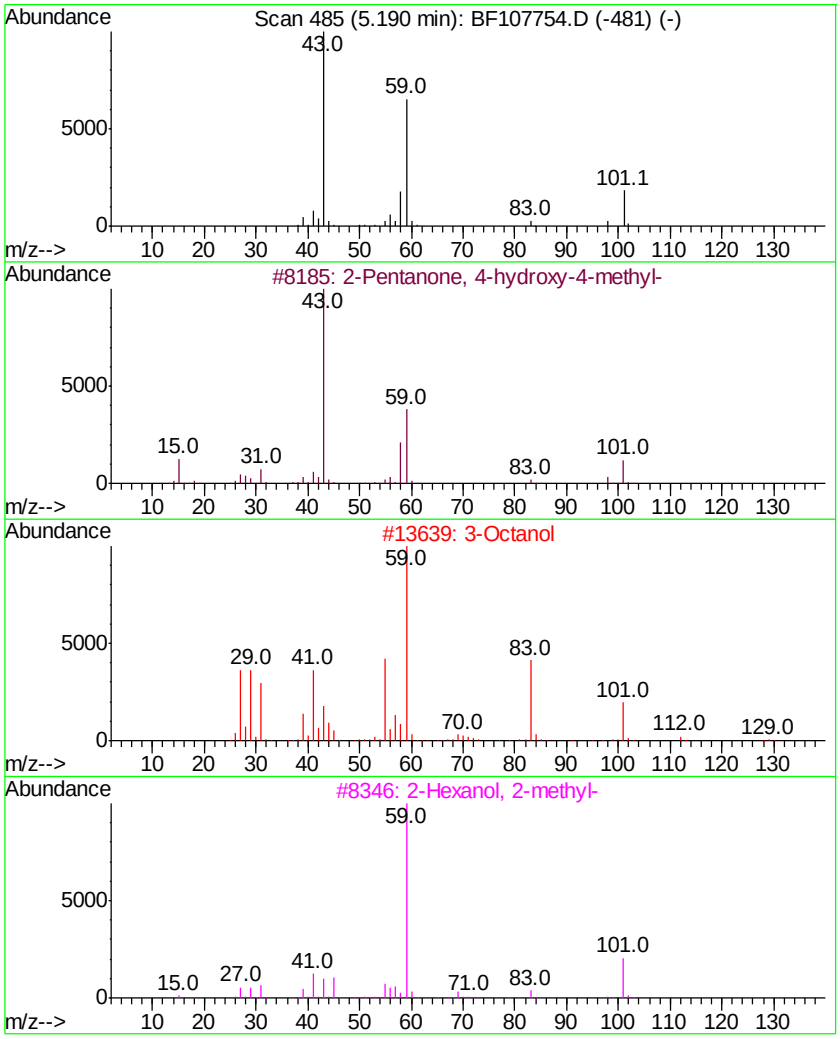
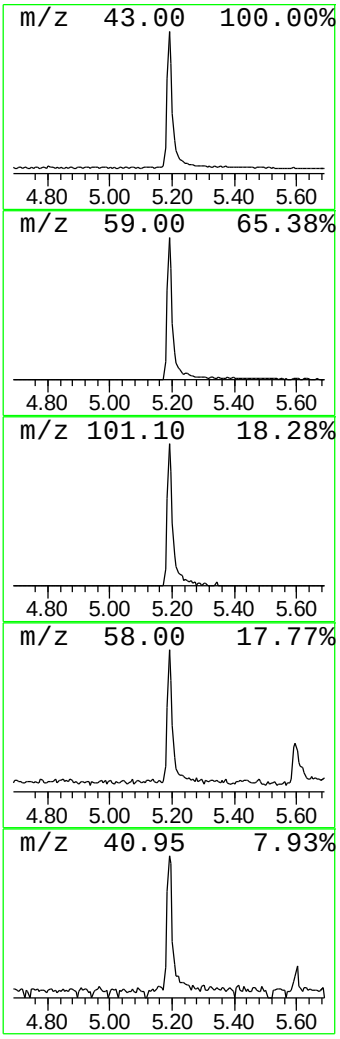
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.19 | 6.29 ng | 277304 | 1,4-Dichlorobenzene-d4 | 6.97 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2 | 000123-42-2 | 56 |
| 2 | 3-Octanol | 130 | C8H18O | 000589-98-0 | 33 |
| 3 | 2-Hexanol, 2-methyl- | 116 | C7H16O | 000625-23-0 | 33 |
| 4 | 3-Hexanol, 4-methyl- | 116 | C7H16O | 000615-29-2 | 33 |
| 5 | 1,8-Nonanediol, 8-methyl- | 174 | C10H22O2 | 054725-73-4 | 28 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072718\
Data File : BF107754.D
Acq On : 27 Jul 2018 19:01
Operator : JU/SJ
Sample : J4189-19
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** TP-14-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.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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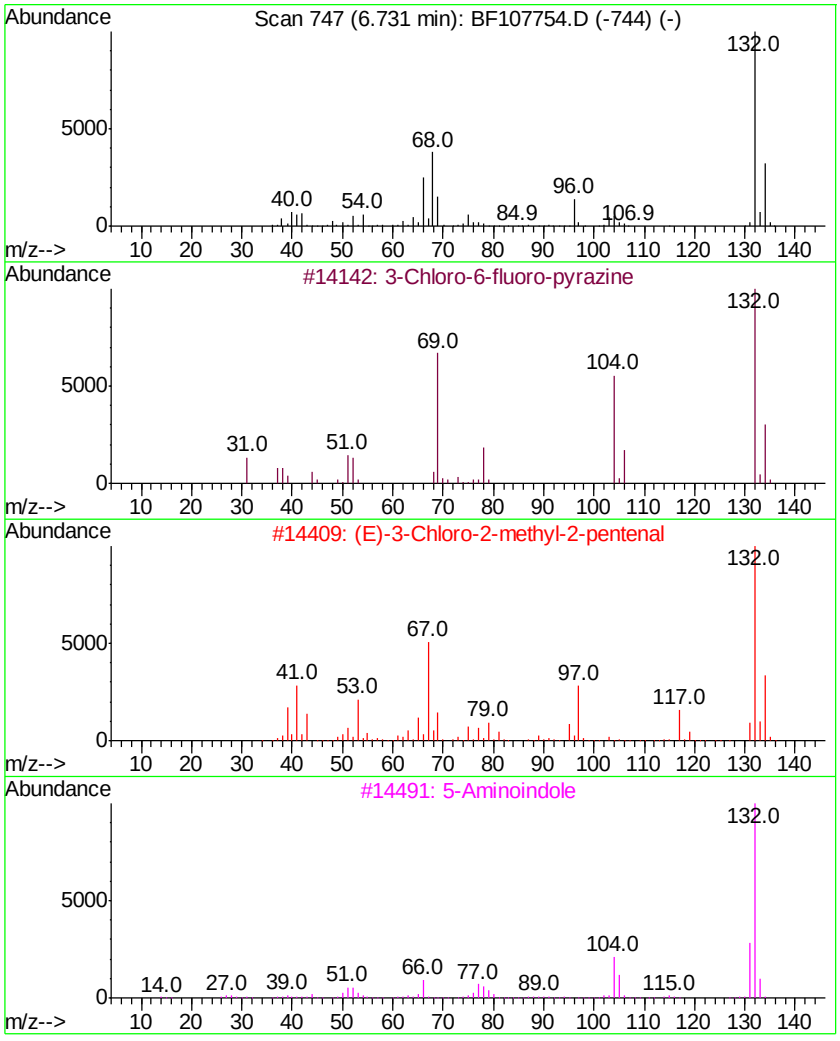
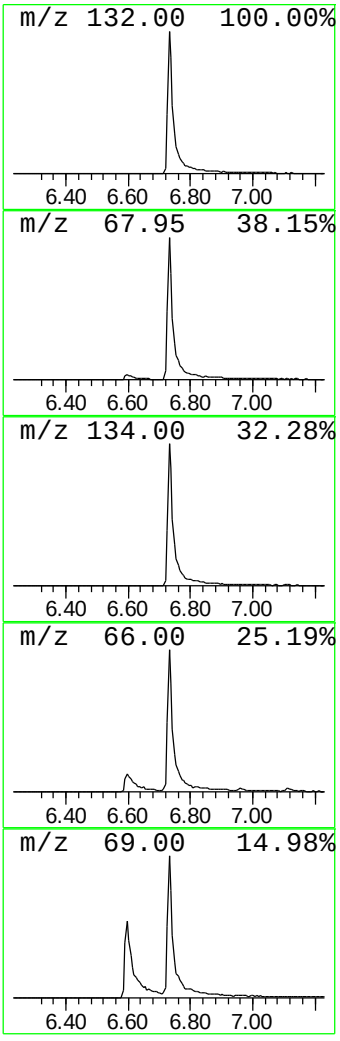
Peak Number 2 unknown6.73 Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.73 | 53.05 ng | 2337500 | 1,4-Dichlorobenzene-d4 | 6.97 |

| 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 | 17 |
| 3 | 5-Aminoindole | 132 | C8H8N2 | 005192-03-0 | 12 |
| 4 | 1-Methylpyrrolo[1,2-a]pyrazine | 132 | C8H8N2 | 064608-59-9 | 9 |
| 5 | 1,3,5-Trifluorobenzene | 132 | C6H3F3 | 000372-38-3 | 9 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072718\
Data File : BF107754.D
Acq On : 27 Jul 2018 19:01
Operator : JU/SJ
Sample : J4189-19
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** TP-14-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

| | | | | | Internal Standard | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| 2-Pentanone, 4-hy... | 5.19 | 6.3 | ng | 277304 | 1 | 6.97 | 881316 | 20.0 |
| unknown6.73 | 6.73 | 53.0 | ng | 2337500 | 1 | 6.97 | 881316 | 20.0 |