LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090618\
Data File : BG036577.D
Acq On : 6 Sep 2018 20:07
Operator : JU/SJ
Sample : J4803-15
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** EP1-Q2-I7

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_G\METHODS\8270-BG082318.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 | 5.162 | 313 | 319 | 326 | rVB2 | 26131 | 40241 | 1.55% | 0.251% |
| 2 | 5.627 | 391 | 398 | 409 | rVB | 565512 | 909725 | 34.97% | 5.676% |
| 3 | 7.207 | 659 | 667 | 681 | rBV | 628530 | 1096492 | 42.15% | 6.841% |
| 4 | 7.589 | 725 | 732 | 739 | rBV | 567606 | 978693 | 37.63% | 6.106% |
| 5 | 8.059 | 804 | 812 | 818 | rBV | 215807 | 363487 | 13.97% | 2.268% |
| 6 | 8.382 | 859 | 867 | 875 | rBV | 410885 | 721510 | 27.74% | 4.502% |
| 7 | 9.216 | 1001 | 1009 | 1020 | rBV | 368258 | 652694 | 25.09% | 4.072% |
| 8 | 10.862 | 1281 | 1289 | 1298 | rBV | 314561 | 565461 | 21.74% | 3.528% |
| 9 | 13.306 | 1696 | 1705 | 1715 | rBV | 1081220 | 1668443 | 64.14% | 10.410% |
| 10 | 14.128 | 1839 | 1845 | 1854 | rBV | 294963 | 445104 | 17.11% | 2.777% |
| 11 | 14.681 | 1932 | 1939 | 1947 | rBV2 | 545932 | 863019 | 33.18% | 5.385% |
| 12 | 16.167 | 2185 | 2192 | 2203 | rBV | 789066 | 1235941 | 47.52% | 7.711% |
| 13 | 16.361 | 2219 | 2225 | 2234 | rBV | 38634 | 61728 | 2.37% | 0.385% |
| 14 | 17.424 | 2398 | 2406 | 2420 | rBV | 739109 | 1141149 | 43.87% | 7.120% |
| 15 | 18.306 | 2552 | 2556 | 2567 | rBV2 | 46115 | 76918 | 2.96% | 0.480% |
| 16 | 20.027 | 2843 | 2849 | 2858 | rBV | 1992558 | 2601099 | 100.00% | 16.229% |
| 17 | 21.349 | 3069 | 3074 | 3076 | rBV6 | 15030 | 28400 | 1.09% | 0.177% |
| 18 | 21.684 | 3124 | 3131 | 3144 | rBV | 756868 | 1290855 | 49.63% | 8.054% |
| 19 | 23.165 | 3378 | 3383 | 3396 | rVB9 | 20627 | 59979 | 2.31% | 0.374% |
| 20 | 23.376 | 3415 | 3419 | 3430 | rVB | 34702 | 70188 | 2.70% | 0.438% |
| 21 | 24.898 | 3668 | 3678 | 3694 | rVB2 | 391761 | 1156356 | 44.46% | 7.215% |

Sum of corrected areas: 16027482

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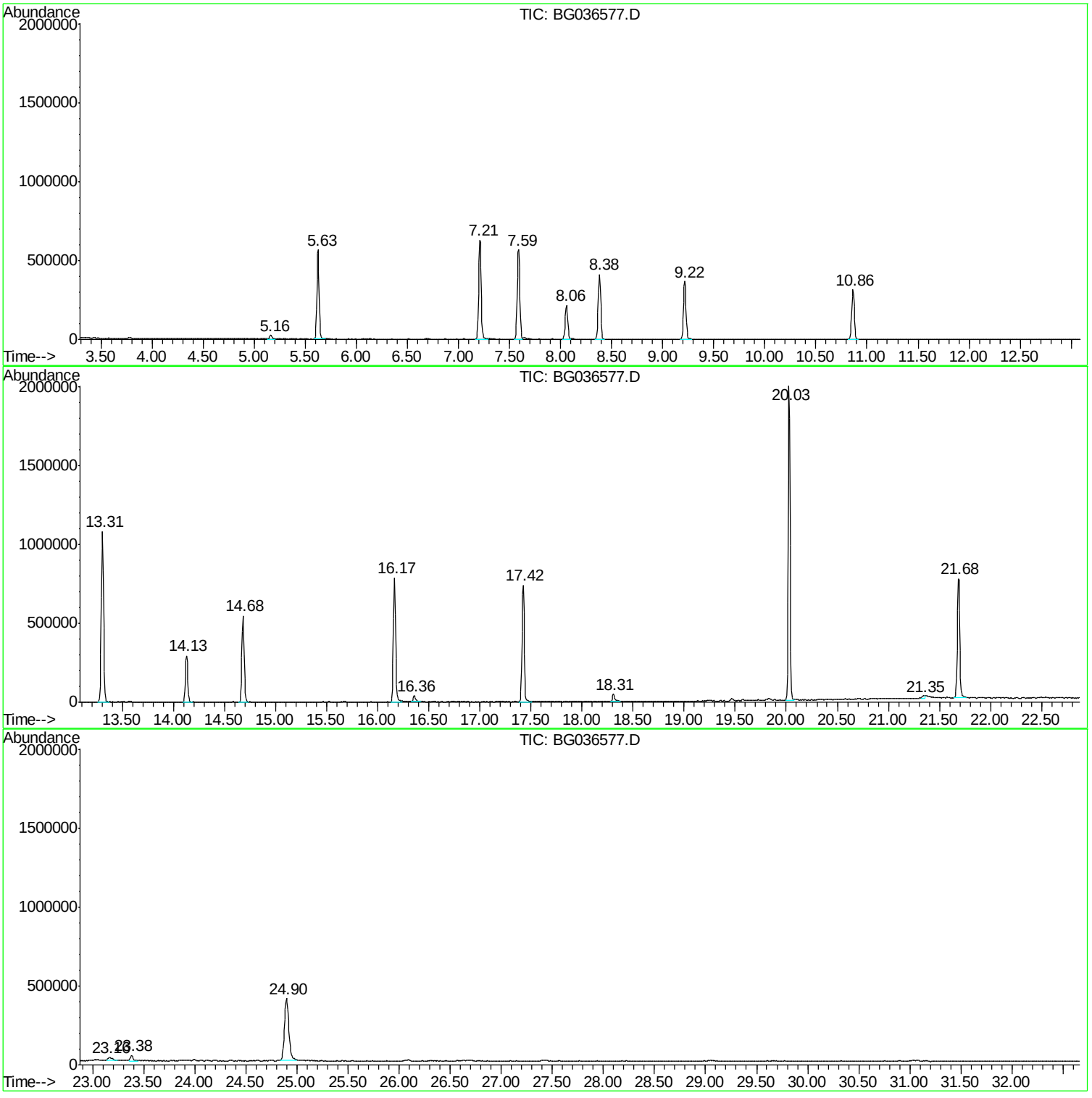
**Instrument :**
BNA_G
**ClientSampleId :**
EP1-Q2-I7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082318.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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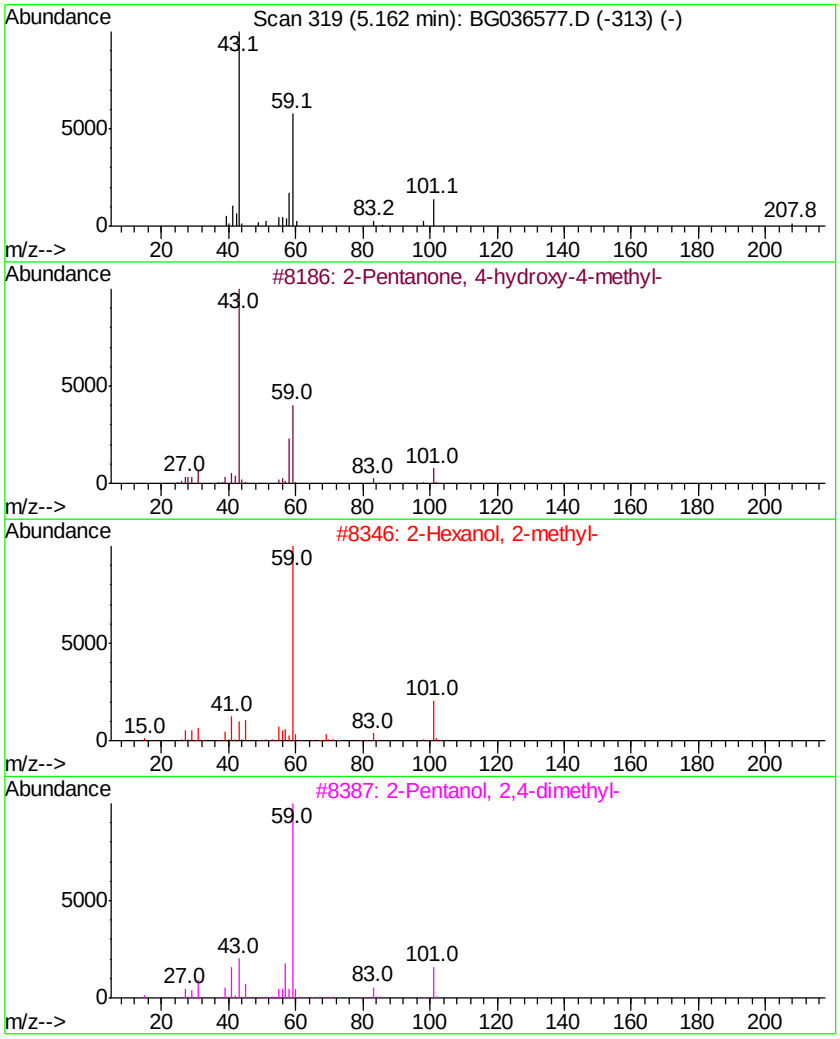
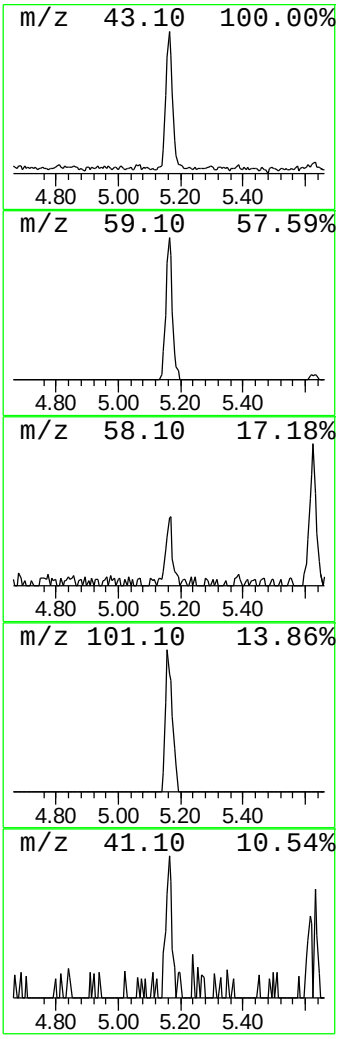
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.16 | 2.21 ng | 40241 | 1,4-Dichlorobenzene-d4 | 8.06 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2 | 000123-42-2 | 64 |
| 2 | 2-Hexanol, 2-methyl- | 116 | C7H16O | 000625-23-0 | 50 |
| 3 | 2-Pentanol, 2,4-dimethyl- | 116 | C7H16O | 000625-06-9 | 28 |
| 4 | Butyl aldoxime, 3-methyl-, syn- | 101 | C5H11NO | 005780-40-5 | 23 |
| 5 | 3-Hydroxy-3-methyl-2-butanone | 102 | C5H10O2 | 000115-22-0 | 23 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090618\
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Operator : JU/SJ
Sample : J4803-15
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** EP1-Q2-I7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082318.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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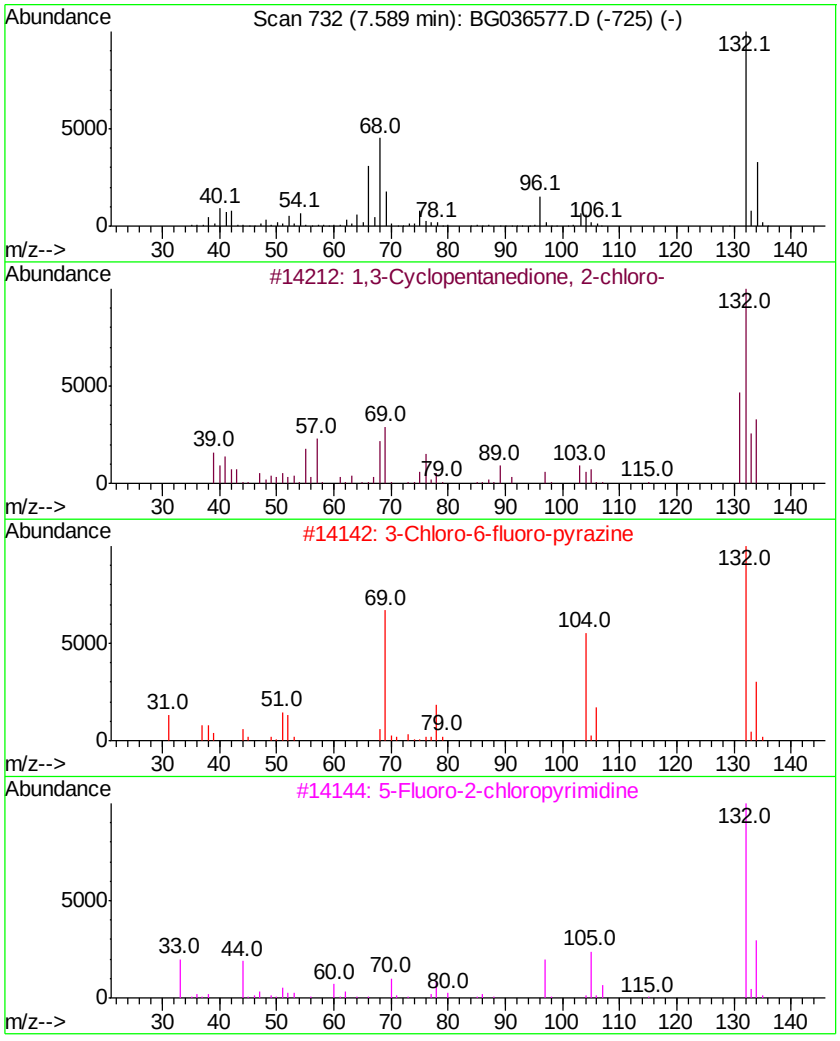
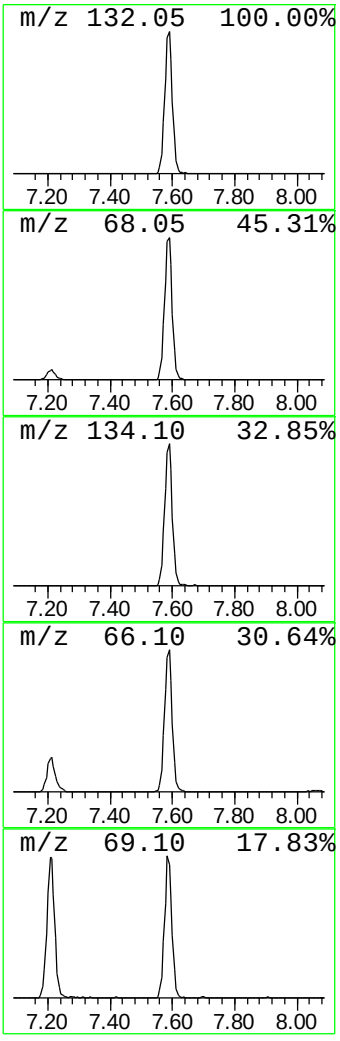
Peak Number 2 unknown7.59 Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.59 | 53.85 ng | 978693 | 1,4-Dichlorobenzene-d4 | 8.06 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1,3-Cyclopentanedione, 2-chloro- | 132 | C5H5ClO2 | 014203-19-1 | 17 |
| 2 | 3-Chloro-6-fluoro-pyrazine | 132 | C4H2ClFN2 | 1000146-10-7 | 16 |
| 3 | 5-Fluoro-2-chloropyrimidine | 132 | C4H2ClFN2 | 062802-42-0 | 16 |
| 4 | (E)-3-Chloro-2-methyl-2-pentenal | 132 | C6H9ClO | 031357-76-3 | 9 |
| 5 | Benzene, 1-ethenyl-3,5-dimethyl- | 132 | C10H12 | 005379-20-4 | 9 |



# Tentatively Identified Compound (LSC) summary

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Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** EP1-Q2-I7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082318.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... | 5.16 | 2.2 | ng | 40241 | 1 | 8.06 | 363487 | 20.0 |
| unknown7.59 | 7.59 | 53.9 | ng | 978693 | 1 | 8.06 | 363487 | 20.0 |