LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111218\
Data File : BG037948.D
Acq On : 12 Nov 2018 17:26
Operator : JU/SJ
Sample : J5895-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** SB-3

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-BG101818.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 | 5.173 | 315 | 321 | 327 | rBV | 42186 | 71500 | 2.14% | 0.370% |
| 2 | 5.632 | 392 | 399 | 417 | rVB | 888639 | 1478326 | 44.18% | 7.645% |
| 3 | 7.236 | 664 | 672 | 685 | rBV | 987481 | 1840033 | 54.99% | 9.516% |
| 4 | 7.617 | 729 | 737 | 748 | rBV | 906770 | 1608402 | 48.07% | 8.318% |
| 5 | 8.087 | 811 | 817 | 828 | rBV | 168810 | 299834 | 8.96% | 1.551% |
| 6 | 8.416 | 864 | 873 | 885 | rVB | 650341 | 1204527 | 36.00% | 6.229% |
| 7 | 9.268 | 1010 | 1018 | 1031 | rBV | 578345 | 1098856 | 32.84% | 5.683% |
| 8 | 10.908 | 1289 | 1297 | 1306 | rBV | 254918 | 478443 | 14.30% | 2.474% |
| 9 | 13.346 | 1704 | 1712 | 1725 | rBV | 1712236 | 2728662 | 81.55% | 14.112% |
| 10 | 14.169 | 1846 | 1852 | 1860 | rBV | 113866 | 162854 | 4.87% | 0.842% |
| 11 | 14.727 | 1940 | 1947 | 1957 | rBV2 | 406837 | 709542 | 21.21% | 3.669% |
| 12 | 16.213 | 2193 | 2200 | 2215 | rBV | 1117505 | 1813198 | 54.19% | 9.377% |
| 13 | 17.471 | 2407 | 2414 | 2426 | rBV2 | 515621 | 794632 | 23.75% | 4.110% |
| 14 | 18.328 | 2554 | 2560 | 2571 | rBV4 | 21196 | 43740 | 1.31% | 0.226% |
| 15 | 20.073 | 2850 | 2857 | 2874 | rBV | 2329148 | 3346102 | 100.00% | 17.305% |
| 16 | 21.754 | 3136 | 3143 | 3159 | rBV2 | 408659 | 782776 | 23.39% | 4.048% |
| 17 | 21.901 | 3164 | 3168 | 3175 | rVB3 | 21528 | 36250 | 1.08% | 0.187% |
| 18 | 22.523 | 3268 | 3274 | 3282 | rBV2 | 22021 | 38991 | 1.17% | 0.202% |
| 19 | 23.229 | 3385 | 3394 | 3401 | rBV4 | 22053 | 54266 | 1.62% | 0.281% |
| 20 | 23.428 | 3421 | 3428 | 3435 | rBV2 | 23847 | 54011 | 1.61% | 0.279% |
| 21 | 24.051 | 3527 | 3534 | 3540 | rBV3 | 18879 | 45233 | 1.35% | 0.234% |
| 22 | 25.079 | 3694 | 3709 | 3733 | rBV2 | 156024 | 646202 | 19.31% | 3.342% |

Sum of corrected areas: 19336380

LSC Report - Integrated Chromatogram

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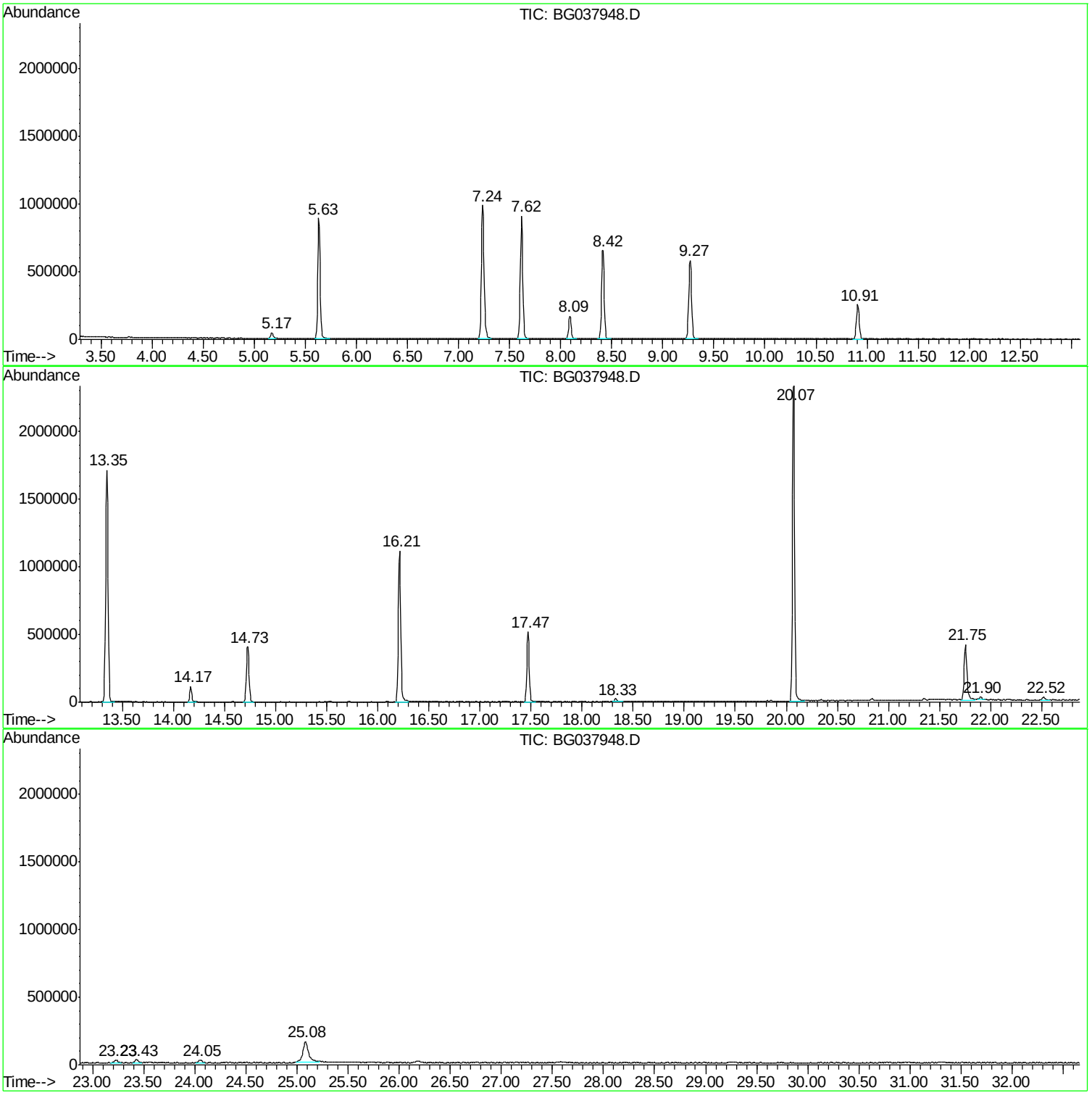
**ClientSampleId :** SB-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101818.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 G\DATA\BG111218\
Data File : BG037948.D
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Operator : JU/SJ
Sample : J5895-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** SB-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101818.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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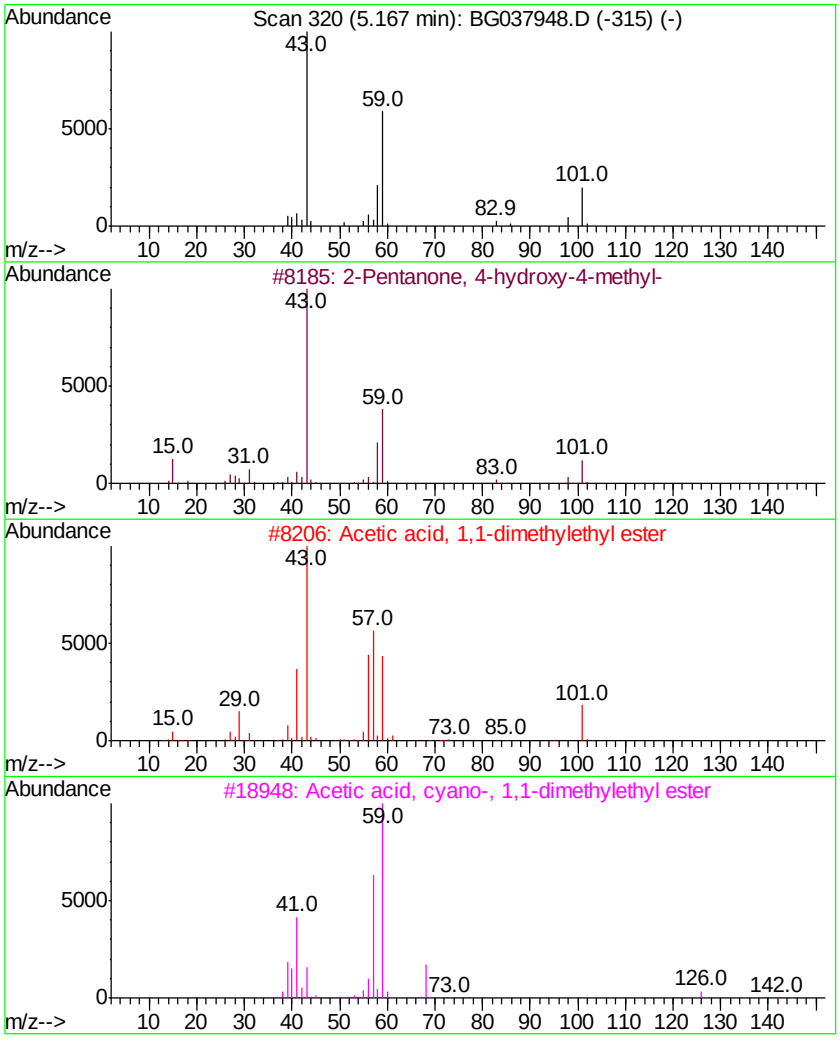
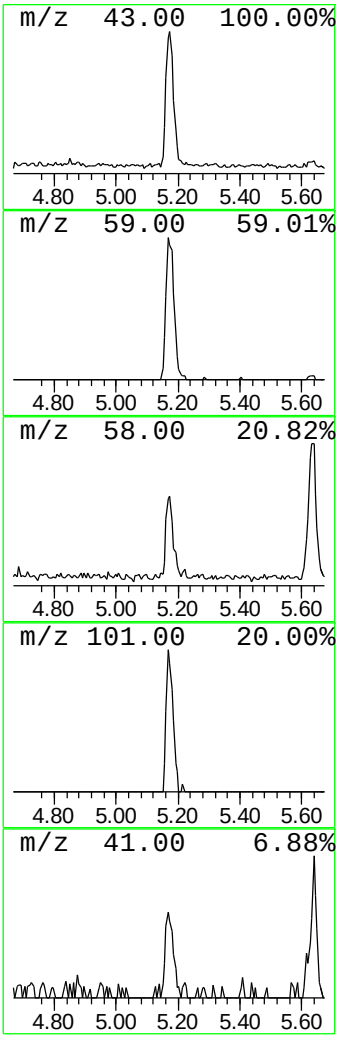
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.17 | 4.77 ng | 71500 | 1,4-Dichlorobenzene-d4 | 8.09 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2 | 000123-42-2 | 83 |
| 2 | Acetic acid, 1,1-dimethylethyl e... | 116 | C6H12O2 | 000540-88-5 | 36 |
| 3 | Acetic acid, cyano-, 1,1-dimethy... | 141 | C7H11NO2 | 001116-98-9 | 25 |
| 4 | 2-Nonanone | 142 | C9H18O | 000821-55-6 | 23 |
| 5 | 2,3-Butanedione, monooxime | 101 | C4H7NO2 | 000057-71-6 | 12 |



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**Instrument :** BNA_G
**ClientSampleId :** SB-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101818.M
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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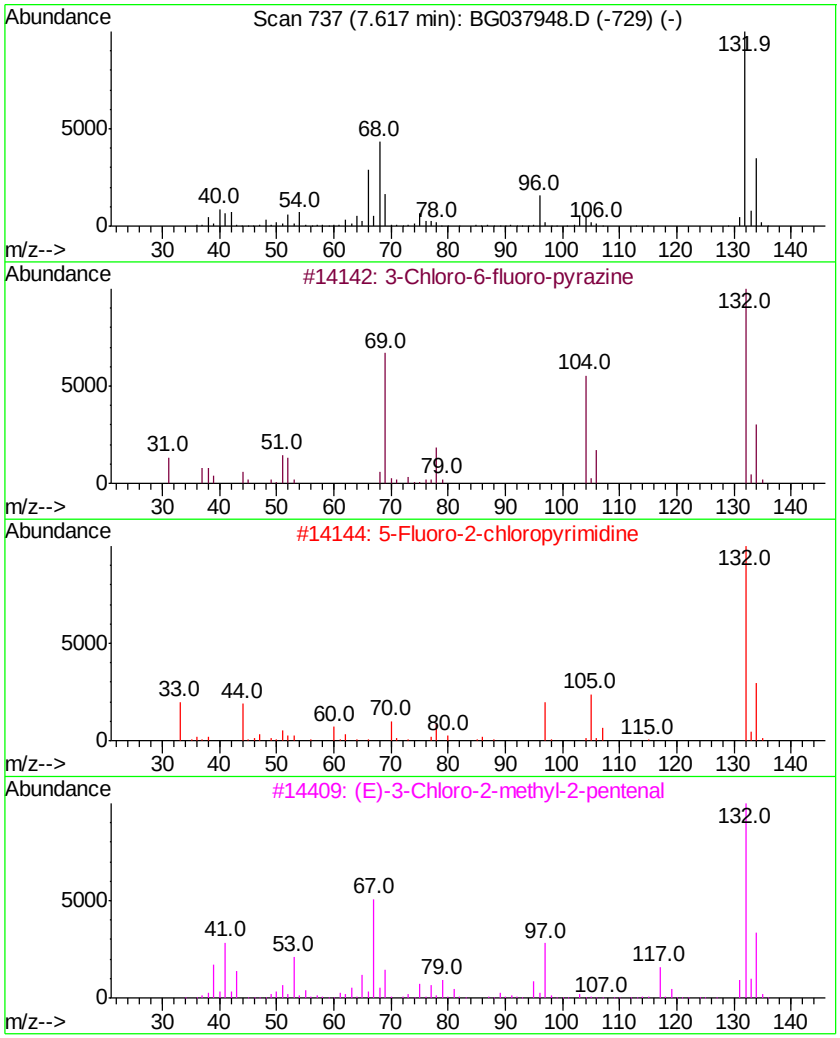
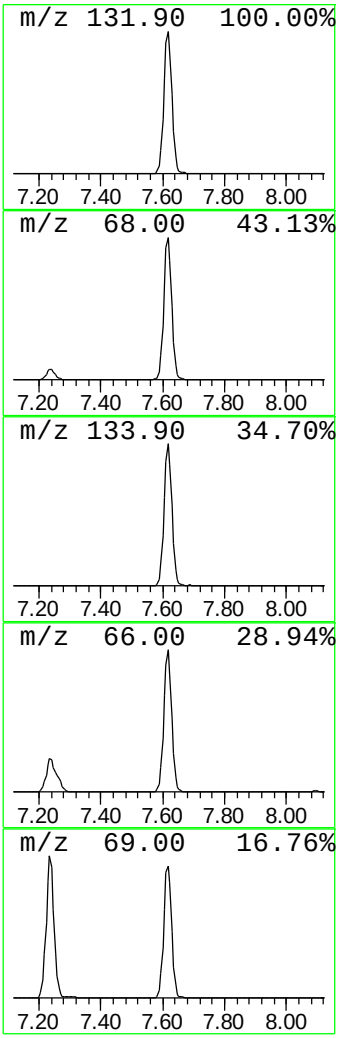
Peak Number 2 unknown7.62 Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.62 | 107.29 ng | 1608400 | 1,4-Dichlorobenzene-d4 | 8.09 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 3-Chloro-6-fluoro-pyrazine | 132 | C4H2ClFN2 | 1000146-10-7 | 27 |
| 2 | 5-Fluoro-2-chloropyrimidine | 132 | C4H2ClFN2 | 062802-42-0 | 16 |
| 3 | (E)-3-Chloro-2-methyl-2-pentenal | 132 | C6H9ClO | 031357-76-3 | 16 |
| 4 | Tranylcypromine-propionyl | 189 | C12H15NO | 1000123-86-3 | 12 |
| 5 | Bicyclo[4.2.0]octa-1,3,5-triene,... | 132 | C10H12 | 028749-81-7 | 9 |



Tentatively Identified Compound (LSC) summary

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Acq On : 12 Nov 2018 17:26
Operator : JU/SJ
Sample : J5895-04
Misc :
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**Instrument :** BNA_G
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101818.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... | 5.17 | 4.8 | ng | 71500 | 1 | 8.09 | 299834 | 20.0 |
| unknown7.62 | 7.62 | 107.3 | ng | 1608400 | 1 | 8.09 | 299834 | 20.0 |