LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110518\
Data File : BG037818.D
Acq On : 6 Nov 2018 00:56
Operator : JU/SJ
Sample : J5812-21
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** TP3-B

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 | 5.175 | 316 | 321 | 334 | rBV | 45824 | 79046 | 3.22% | 0.489% |
| 2 | 5.633 | 392 | 399 | 410 | rBV | 682256 | 1184396 | 48.30% | 7.321% |
| 3 | 7.237 | 663 | 672 | 684 | rBV | 773373 | 1451324 | 59.19% | 8.971% |
| 4 | 7.619 | 729 | 737 | 752 | rBV | 721462 | 1295732 | 52.84% | 8.009% |
| 5 | 8.095 | 811 | 818 | 825 | rBV | 189540 | 322635 | 13.16% | 1.994% |
| 6 | 8.418 | 866 | 873 | 880 | rBV | 520706 | 928397 | 37.86% | 5.738% |
| 7 | 9.270 | 1010 | 1018 | 1030 | rBV | 474108 | 870039 | 35.48% | 5.378% |
| 8 | 10.916 | 1291 | 1298 | 1303 | rBV | 281059 | 518674 | 21.15% | 3.206% |
| 9 | 10.968 | 1303 | 1307 | 1316 | rVB2 | 61561 | 113598 | 4.63% | 0.702% |
| 10 | 13.348 | 1700 | 1712 | 1725 | rBV | 1161058 | 1916470 | 78.16% | 11.846% |
| 11 | 14.171 | 1847 | 1852 | 1864 | rBV | 137801 | 217037 | 8.85% | 1.341% |
| 12 | 14.729 | 1939 | 1947 | 1955 | rBV2 | 457152 | 757258 | 30.88% | 4.681% |
| 13 | 16.215 | 2193 | 2200 | 2215 | rBV | 816151 | 1334007 | 54.41% | 8.245% |
| 14 | 17.478 | 2406 | 2415 | 2428 | rBV | 559742 | 900473 | 36.72% | 5.566% |
| 15 | 18.330 | 2554 | 2560 | 2572 | rBV3 | 26755 | 60168 | 2.45% | 0.372% |
| 16 | 20.075 | 2851 | 2857 | 2869 | rBV | 1760705 | 2451972 | 100.00% | 15.156% |
| 17 | 21.762 | 3137 | 3144 | 3160 | rBV | 460482 | 896314 | 36.55% | 5.540% |
| 18 | 22.525 | 3270 | 3274 | 3283 | rVB5 | 15221 | 27598 | 1.13% | 0.171% |
| 19 | 23.236 | 3392 | 3395 | 3403 | rVB7 | 14832 | 26247 | 1.07% | 0.162% |
| 20 | 23.436 | 3425 | 3429 | 3436 | rVB3 | 17318 | 35054 | 1.43% | 0.217% |
| 21 | 24.065 | 3529 | 3536 | 3544 | rVB4 | 24949 | 60447 | 2.47% | 0.374% |
| 22 | 25.087 | 3699 | 3710 | 3731 | rBV2 | 184002 | 666442 | 27.18% | 4.119% |
| 23 | 26.198 | 3894 | 3899 | 3915 | rVB6 | 21058 | 65377 | 2.67% | 0.404% |

Sum of corrected areas: 16178705

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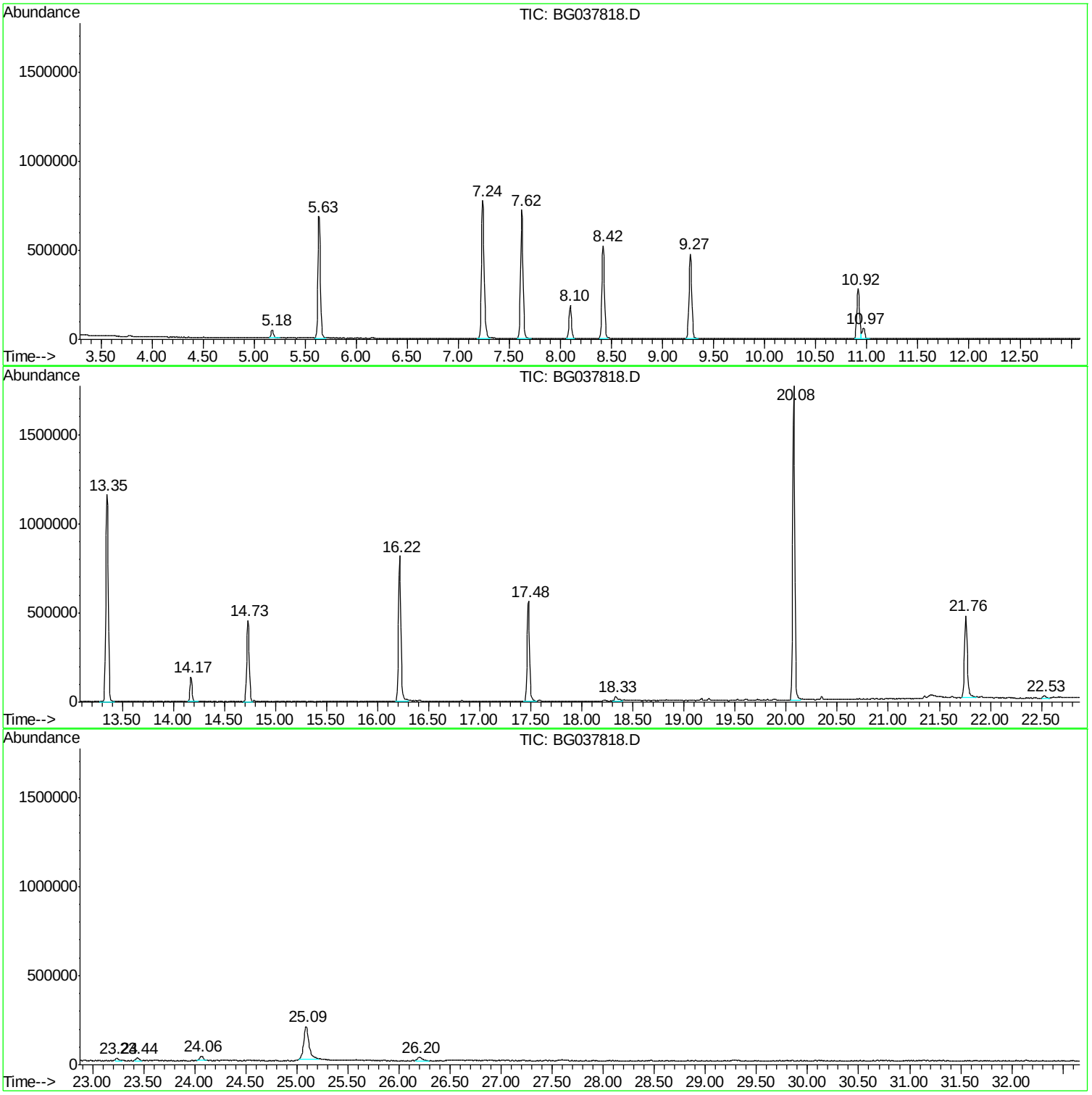
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

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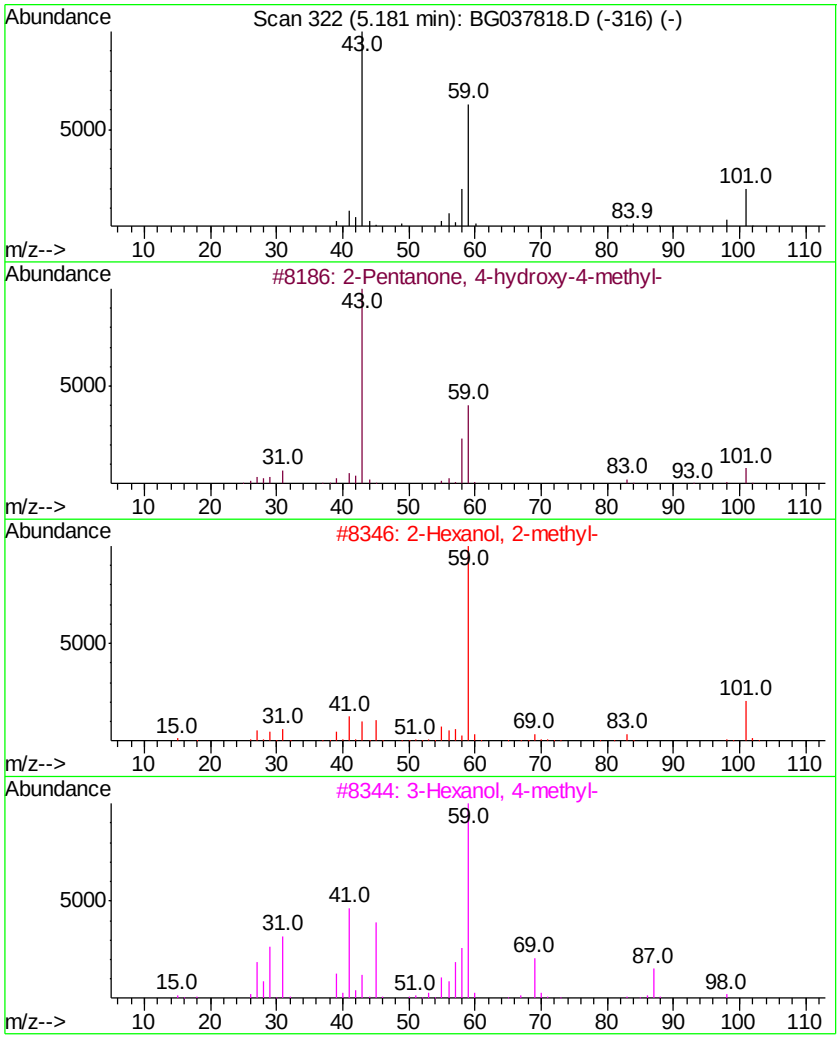
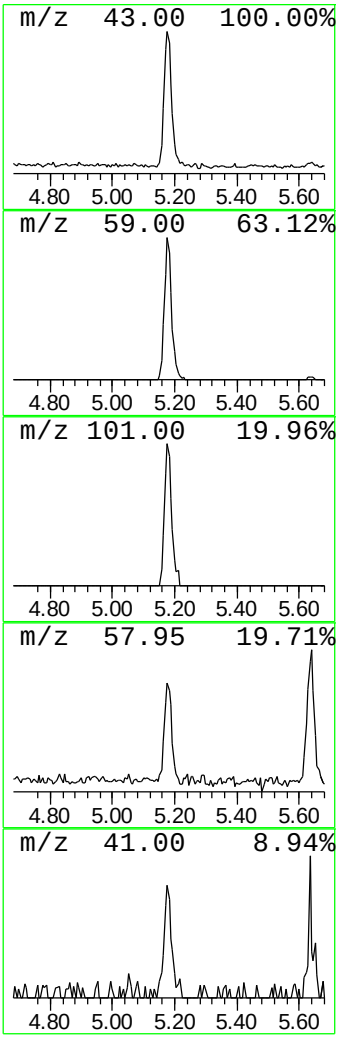
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.18 | 4.90 ng | 79046 | 1,4-Dichlorobenzene-d4 | 8.10 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2 | 000123-42-2 | 45 |
| 2 | 2-Hexanol, 2-methyl- | 116 | C7H16O | 000625-23-0 | 38 |
| 3 | 3-Hexanol, 4-methyl- | 116 | C7H16O | 000615-29-2 | 25 |
| 4 | 1,8-Nonanediol, 8-methyl- | 174 | C10H22O2 | 054725-73-4 | 17 |
| 5 | 2,3-Butanedione, monooxime | 101 | C4H7NO2 | 000057-71-6 | 12 |



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

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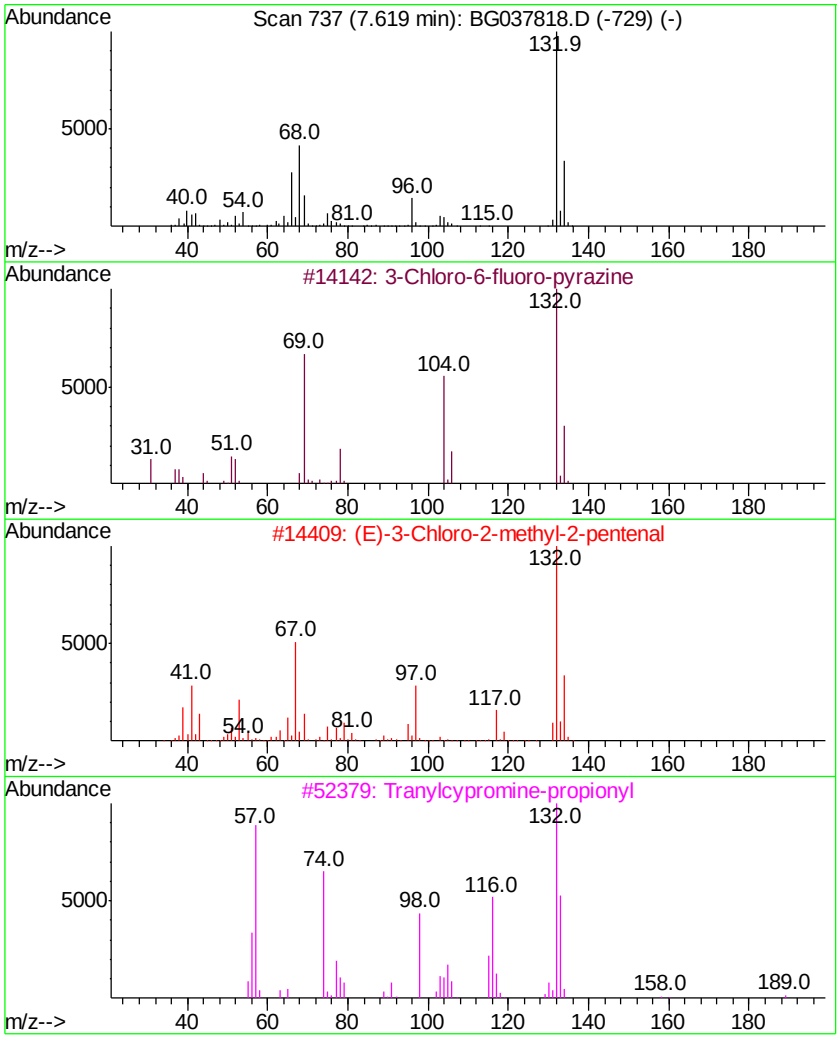
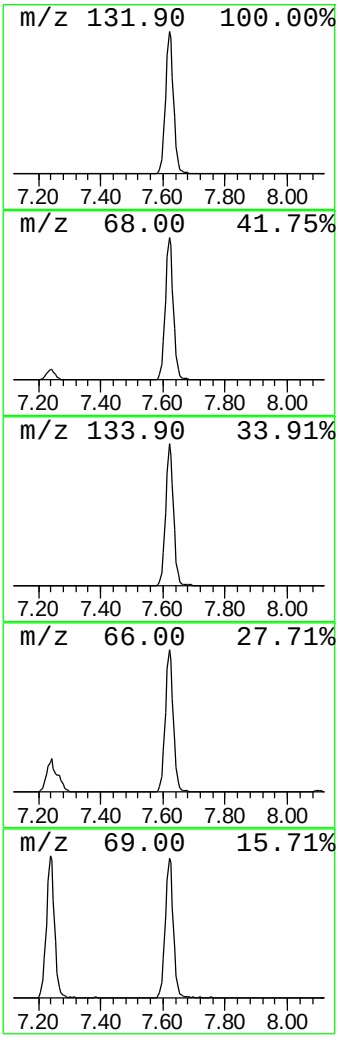
Peak Number 2 unknown7.62 Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.62 | 80.32 ng | 1295730 | 1,4-Dichlorobenzene-d4 | 8.10 |

| 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 | 12 |
| 3 | Tranylcypromine-propionyl | 189 | C12H15NO | 1000123-86-3 | 12 |
| 4 | Amphetaminil | 250 | C17H18N2 | 017590-01-1 | 12 |
| 5 | 1-Methylpyrrolo[1,2-a]pyrazine | 132 | C8H8N2 | 064608-59-9 | 9 |



Tentatively Identified Compound (LSC) summary

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| | | | | | Internal Standard | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| 2-Pentanone, 4-hy... | 5.18 | 4.9 | ng | 79046 | 1 | 8.10 | 322635 | 20.0 |
| unknown7.62 | 7.62 | 80.3 | ng | 1295730 | 1 | 8.10 | 322635 | 20.0 |