LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122718\
Data File : BM018409.D
Acq On : 27 Dec 2018 22:52
Operator : JU/SJ
Sample : J6572-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** 381204089-3

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_M\METHODS\8270-BM122718.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 | 3.052 | 25 | 28 | 37 | rVB | 133844 | 196681 | 1.98% | 0.358% |
| 2 | 5.357 | 415 | 420 | 428 | rVB | 433945 | 668675 | 6.73% | 1.217% |
| 3 | 6.934 | 683 | 688 | 696 | rVB | 353408 | 550668 | 5.54% | 1.002% |
| 4 | 7.781 | 826 | 832 | 840 | rVB | 1188330 | 1827480 | 18.39% | 3.326% |
| 5 | 8.940 | 1023 | 1029 | 1036 | rBV | 836690 | 1421441 | 14.30% | 2.587% |
| 6 | 9.316 | 1089 | 1093 | 1098 | rVB2 | 74195 | 108724 | 1.09% | 0.198% |
| 7 | 10.575 | 1300 | 1307 | 1316 | rBV | 1731646 | 2909973 | 29.28% | 5.295% |
| 8 | 13.045 | 1720 | 1727 | 1735 | rVB | 2452945 | 3635102 | 36.57% | 6.615% |
| 9 | 14.427 | 1954 | 1962 | 1971 | rBV2 | 2673870 | 4174657 | 42.00% | 7.597% |
| 10 | 15.916 | 2208 | 2215 | 2222 | rBV | 1611212 | 2295042 | 23.09% | 4.176% |
| 11 | 17.174 | 2421 | 2429 | 2435 | rBV | 3630920 | 5143871 | 51.75% | 9.361% |
| 12 | 17.474 | 2474 | 2480 | 2487 | rVB2 | 151207 | 260510 | 2.62% | 0.474% |
| 13 | 18.063 | 2574 | 2580 | 2584 | rBV3 | 100883 | 152991 | 1.54% | 0.278% |
| 14 | 19.345 | 2794 | 2798 | 2803 | rBV3 | 107490 | 139045 | 1.40% | 0.253% |
| 15 | 19.692 | 2852 | 2857 | 2863 | rBV4 | 80896 | 149120 | 1.50% | 0.271% |
| 16 | 19.804 | 2870 | 2876 | 2886 | rBV | 8202223 | 9939894 | 100.00% | 18.088% |
| 17 | 20.433 | 2979 | 2983 | 2989 | rBV7 | 59592 | 106176 | 1.07% | 0.193% |
| 18 | 20.856 | 3051 | 3055 | 3058 | rBV5 | 121011 | 175354 | 1.76% | 0.319% |
| 19 | 20.927 | 3063 | 3067 | 3075 | rBV8 | 97265 | 248702 | 2.50% | 0.453% |
| 20 | 21.021 | 3078 | 3083 | 3086 | rBV4 | 151546 | 319802 | 3.22% | 0.582% |
| 21 | 21.109 | 3095 | 3098 | 3106 | rVB6 | 180403 | 329471 | 3.31% | 0.600% |
| 22 | 21.174 | 3106 | 3109 | 3110 | rBV | 108038 | 110225 | 1.11% | 0.201% |
| 23 | 21.245 | 3116 | 3121 | 3124 | rBV5 | 98812 | 217096 | 2.18% | 0.395% |
| 24 | 21.292 | 3124 | 3129 | 3131 | rBV3 | 194056 | 320898 | 3.23% | 0.584% |
| 25 | 21.362 | 3136 | 3141 | 3148 | rVB | 5716472 | 7006379 | 70.49% | 12.750% |
| 26 | 21.421 | 3148 | 3151 | 3153 | rBV3 | 144742 | 149247 | 1.50% | 0.272% |
| 27 | 21.539 | 3166 | 3171 | 3177 | rVB2 | 364526 | 591636 | 5.95% | 1.077% |
| 28 | 21.603 | 3178 | 3182 | 3186 | rBV3 | 285884 | 425152 | 4.28% | 0.774% |
| 29 | 21.727 | 3199 | 3203 | 3209 | rVB6 | 194651 | 400298 | 4.03% | 0.728% |
| 30 | 21.786 | 3209 | 3213 | 3218 | rVB5 | 229862 | 355384 | 3.58% | 0.647% |
| 31 | 21.862 | 3222 | 3226 | 3233 | rVB5 | 227959 | 496591 | 5.00% | 0.904% |
| 32 | 21.974 | 3240 | 3245 | 3252 | rVB2 | 297611 | 506673 | 5.10% | 0.922% |
| 33 | 22.050 | 3254 | 3258 | 3263 | rBV2 | 265474 | 393159 | 3.96% | 0.715% |
| 34 | 22.168 | 3274 | 3278 | 3282 | rBV6 | 153626 | 280977 | 2.83% | 0.511% |

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Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM122718.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 35 | 22.327 | 3302 | 3305 | 3312 | rVB3 | 216114 | 293452 | 2.95% | 0.534% |
| 36 | 22.439 | 3321 | 3324 | 3329 | rVB4 | 209847 | 321516 | 3.23% | 0.585% |
| 37 | 22.527 | 3336 | 3339 | 3343 | rVB6 | 97351 | 134047 | 1.35% | 0.244% |
| 38 | 22.839 | 3389 | 3392 | 3400 | rVB6 | 112828 | 189634 | 1.91% | 0.345% |
| 39 | 22.962 | 3409 | 3413 | 3419 | rVB | 176336 | 269464 | 2.71% | 0.490% |
| 40 | 23.544 | 3508 | 3512 | 3520 | rVB2 | 195251 | 324805 | 3.27% | 0.591% |
| 41 | 23.656 | 3523 | 3531 | 3543 | rVB | 3817722 | 7122023 | 71.65% | 12.960% |
| 42 | 24.221 | 3623 | 3627 | 3633 | rVB2 | 164686 | 290215 | 2.92% | 0.528% |

Sum of corrected areas: 54952250

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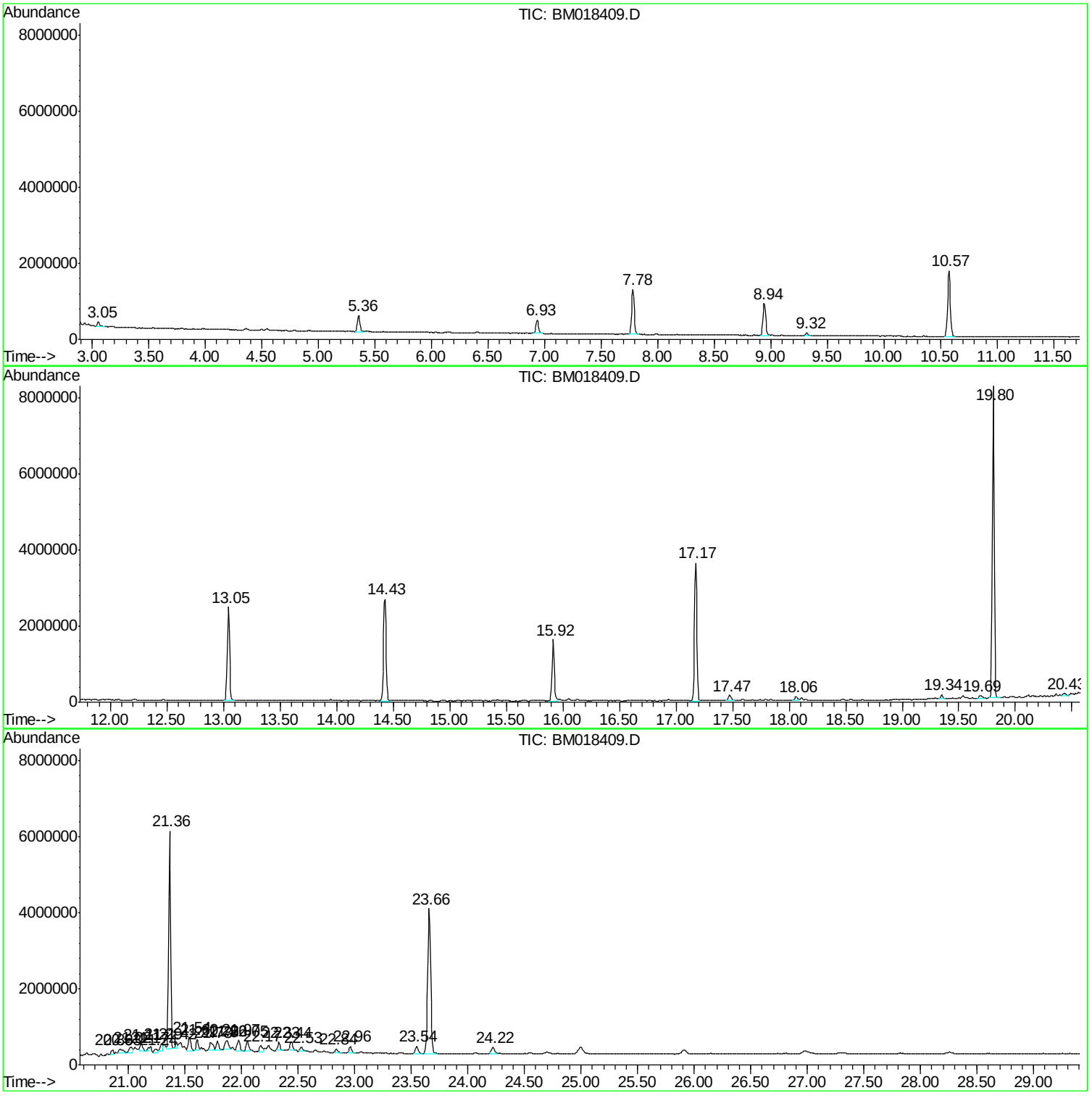
381204089-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM122718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

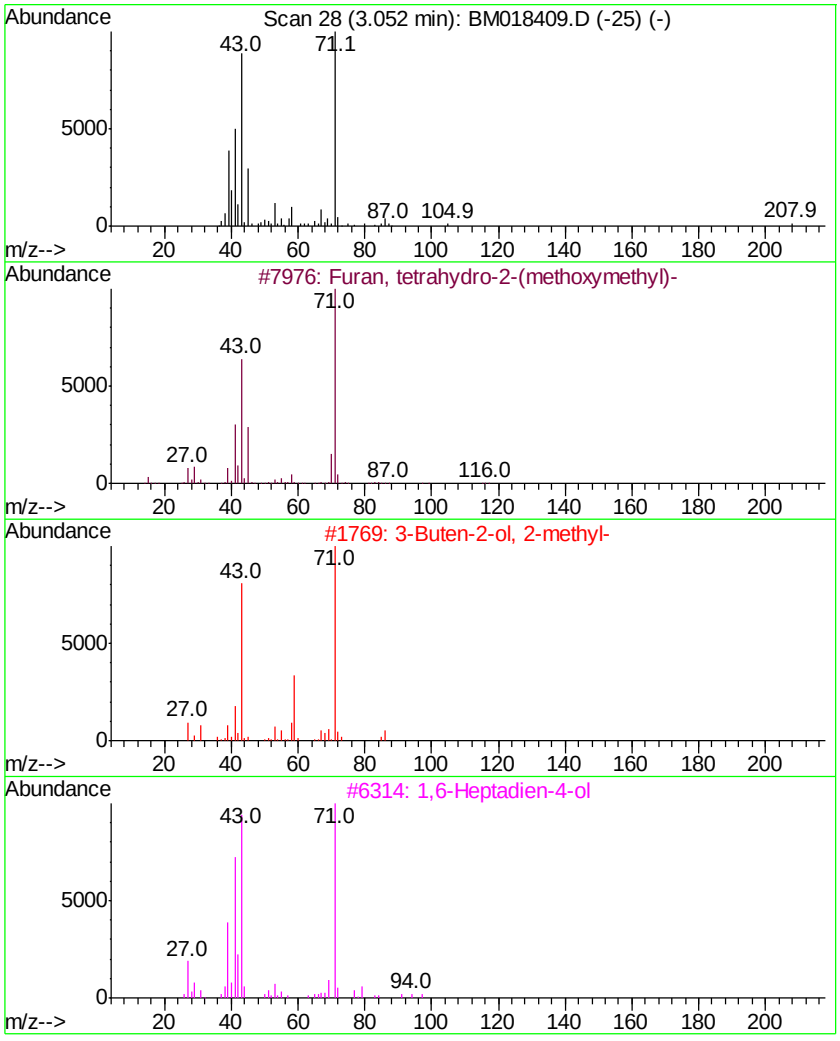
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

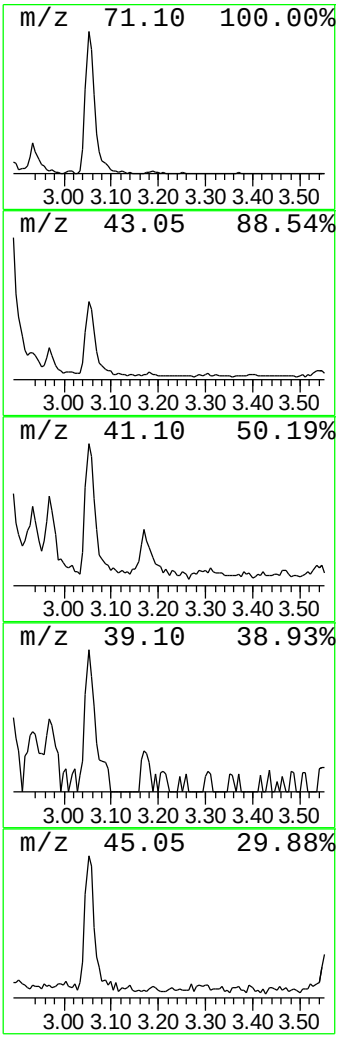
**********

Peak Number 1 Furan, tetrahydro-2-(methox... Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 3.05 | 2.15 ng | 196681 | 1,4-Dichlorobenzene-d4 | 7.78 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Furan, tetrahydro-2-(methoxymeth... | 116 | C6H12O2 | 019354-27-9 | 50 |
| 2 | 3-Buten-2-ol, 2-methyl- | 86 | C5H10O | 000115-18-4 | 47 |
| 3 | 1,6-Heptadien-4-ol | 112 | C7H12O | 002883-45-6 | 45 |
| 4 | 1-Propene, 3-methoxy-2-methyl- | 86 | C5H10O | 022418-49-1 | 42 |
| 5 | 2-Hexene, 1-methoxy-, (E)- | 114 | C7H14O | 056052-83-6 | 40 |



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 |
| Furan, tetrahydro... | 3.05 | 2.1 | ng | 196681 | 1 | 7.78 | 1827480 | 20.0 |