LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042021\
Data File : BG048804.D
Acq On : 20 Apr 2021 21:32
Operator : CG/JU
Sample : M2076-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** SB-13-14.5-15.0

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-BG041421.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG048804.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.611 | 380 | 387 | 396 | rBV | 231920 | 373667 | 33.59% | 7.266% |
| 2 | 7.221 | 650 | 661 | 671 | rBV | 241080 | 415254 | 37.32% | 8.075% |
| 3 | 8.061 | 795 | 804 | 811 | rBV2 | 62916 | 105754 | 9.51% | 2.056% |
| 4 | 9.231 | 995 | 1003 | 1012 | rVB | 154583 | 268406 | 24.12% | 5.219% |
| 5 | 10.888 | 1277 | 1285 | 1292 | rBV | 79345 | 144439 | 12.98% | 2.809% |
| 6 | 13.338 | 1695 | 1702 | 1710 | rBV | 387318 | 588300 | 52.88% | 11.440% |
| 7 | 14.166 | 1834 | 1843 | 1849 | rBV3 | 11328 | 17298 | 1.55% | 0.336% |
| 8 | 14.724 | 1931 | 1938 | 1945 | rVB | 139755 | 215457 | 19.37% | 4.190% |
| 9 | 16.217 | 2185 | 2192 | 2202 | rBV | 355248 | 548203 | 49.27% | 10.660% |
| 10 | 17.480 | 2401 | 2407 | 2415 | rVB2 | 203816 | 312143 | 28.06% | 6.070% |
| 11 | 18.361 | 2552 | 2557 | 2564 | rBV6 | 16237 | 23152 | 2.08% | 0.450% |
| 12 | 19.771 | 2794 | 2797 | 2802 | rBV3 | 7395 | 11427 | 1.03% | 0.222% |
| 13 | 20.088 | 2845 | 2851 | 2858 | rBV | 877442 | 1112590 | 100.00% | 21.635% |
| 14 | 20.876 | 2981 | 2985 | 2989 | rVB5 | 9684 | 14729 | 1.32% | 0.286% |
| 15 | 21.393 | 3068 | 3073 | 3081 | rBV2 | 74685 | 112439 | 10.11% | 2.186% |
| 16 | 21.481 | 3083 | 3088 | 3092 | rBV3 | 12214 | 18423 | 1.66% | 0.358% |
| 17 | 21.775 | 3130 | 3138 | 3146 | rBV | 217207 | 366719 | 32.96% | 7.131% |
| 18 | 21.957 | 3163 | 3169 | 3173 | rBV3 | 11023 | 15235 | 1.37% | 0.296% |
| 19 | 22.586 | 3268 | 3276 | 3281 | rBV8 | 13011 | 32449 | 2.92% | 0.631% |
| 20 | 23.297 | 3390 | 3397 | 3402 | rBV7 | 12333 | 21247 | 1.91% | 0.413% |
| 21 | 24.131 | 3536 | 3539 | 3548 | rVB7 | 11446 | 19900 | 1.79% | 0.387% |
| 22 | 25.106 | 3690 | 3705 | 3717 | rBV2 | 123244 | 377986 | 33.97% | 7.350% |
| 23 | 27.674 | 4136 | 4142 | 4143 | rBV5 | 19771 | 27363 | 2.46% | 0.532% |

Sum of corrected areas: 5142580

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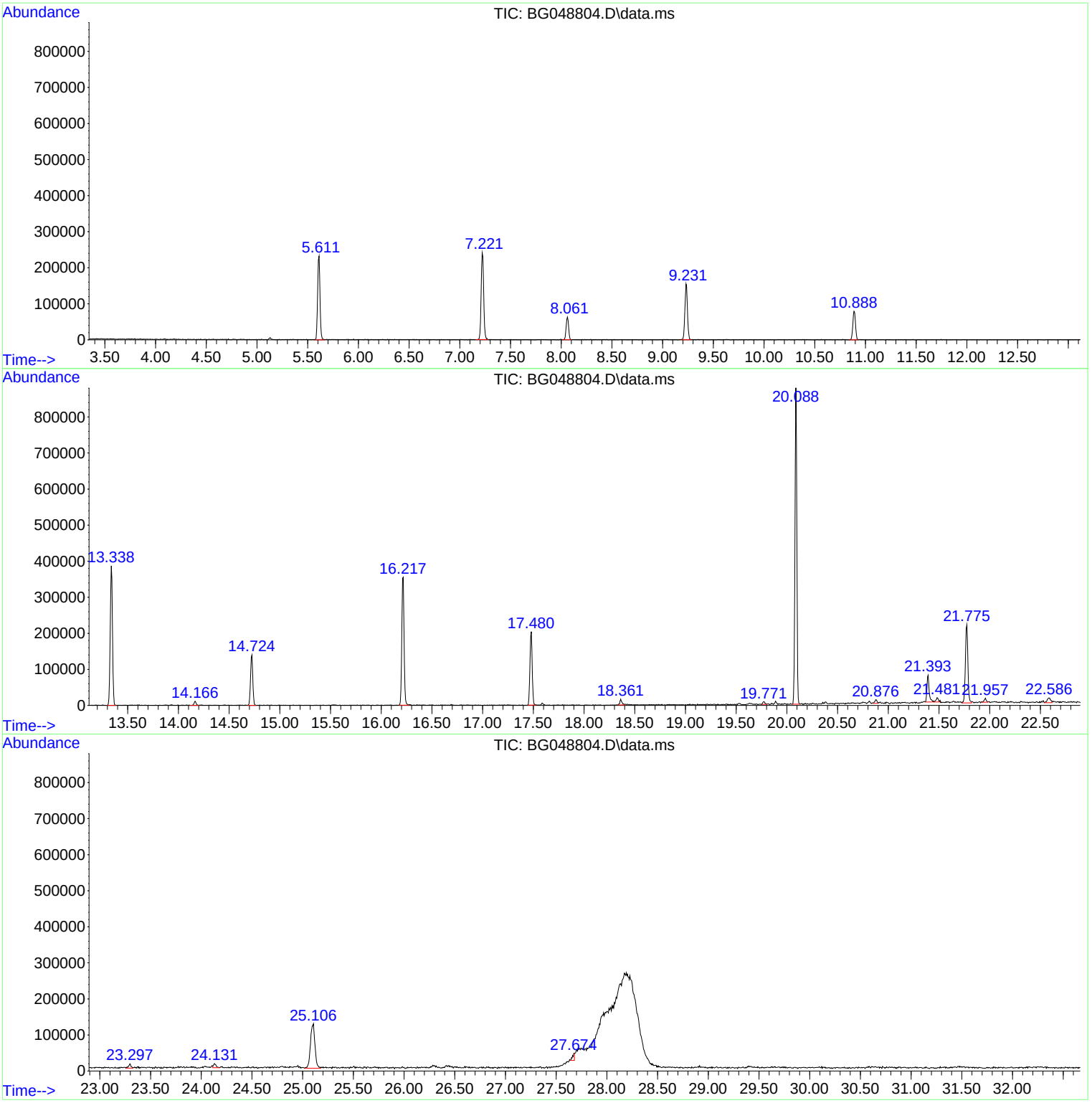
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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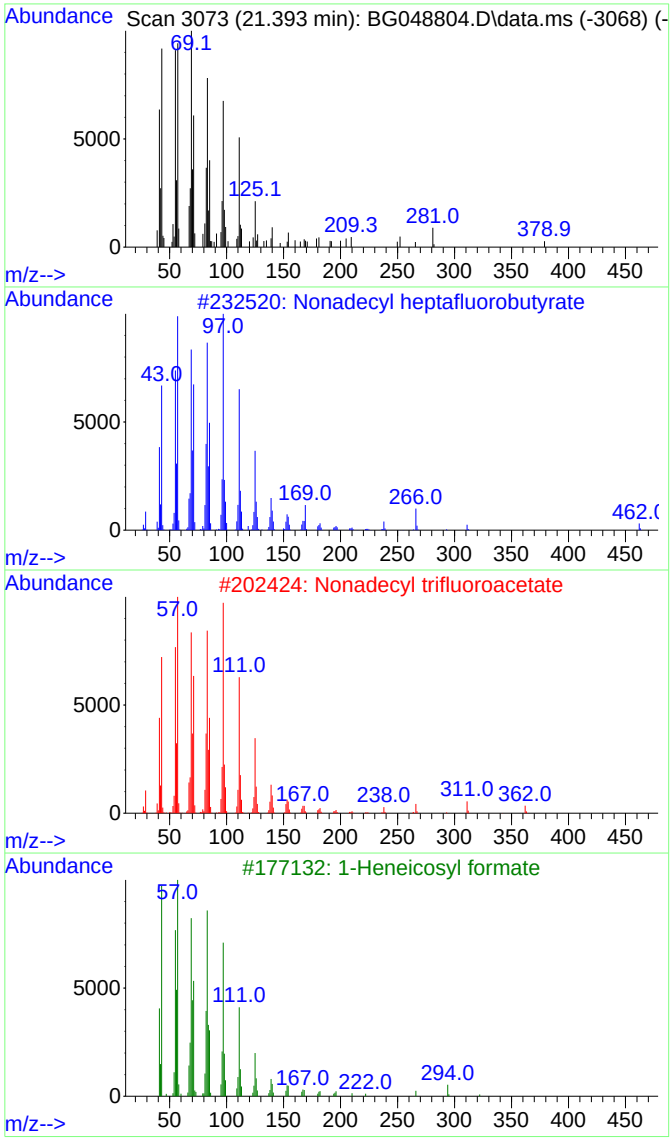
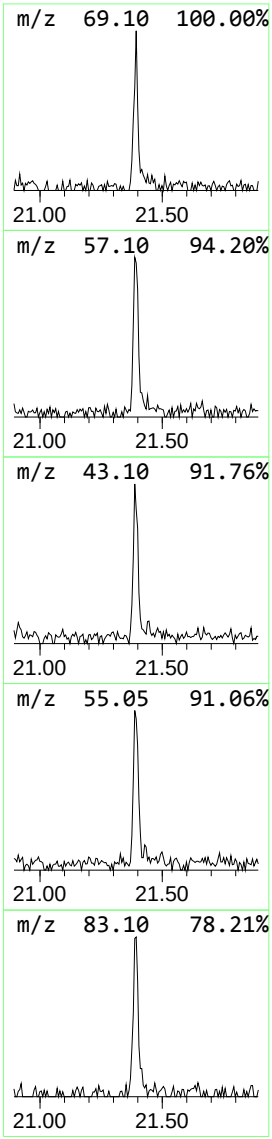
Peak Number 1 Nonadecyl heptafluorobutyrate Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.393 | 6.13 ng | 112439 | Chrysene-d12 | 21.775 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Nonadecyl heptafluorobutyrate | 480 | C23H39F7O2 | 1000351-83-9 | 91 |
| 2 | Nonadecyl trifluoroacetate | 380 | C21H39F3O2 | 1000351-76-3 | 91 |
| 3 | 1-Heneicosyl formate | 340 | C22H44O2 | 077899-03-7 | 83 |
| 4 | Heptafluorobutyric acid, n-octad... | 466 | C22H37F7O2 | 000400-57-7 | 70 |
| 5 | Docosyl pentafluoropropionate | 472 | C25H45F5O2 | 1000351-80-9 | 68 |



Tentatively Identified Compound (LSC) summary

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| | | | | | --Internal Standard--- | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| Nonadecyl hepta... | 21.393 | 6.1 | ng | 112439 | 5 | 21.775 | 366719 | 20.0 |