LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101220\
Data File : BG046849.D
Acq On : 12 Oct 2020 16:22
Operator : CG/JU
Sample : L4337-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** TP-4

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-BG092220.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG046849.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.664 | 389 | 396 | 406 | rBV | 906461 | 1435576 | 31.36% | 7.302% |
| 2 | 7.256 | 659 | 667 | 678 | rBV | 871535 | 1507908 | 32.94% | 7.669% |
| 3 | 8.102 | 803 | 811 | 819 | rBV | 227583 | 387279 | 8.46% | 1.970% |
| 4 | 9.266 | 1001 | 1009 | 1018 | rVB | 570083 | 1028137 | 22.46% | 5.229% |
| 5 | 10.917 | 1283 | 1290 | 1300 | rVB | 276502 | 494544 | 10.80% | 2.515% |
| 6 | 13.349 | 1697 | 1704 | 1714 | rBV | 1341144 | 2139911 | 46.75% | 10.884% |
| 7 | 14.172 | 1838 | 1844 | 1849 | rBV | 100326 | 145190 | 3.17% | 0.738% |
| 8 | 14.724 | 1930 | 1938 | 1946 | rBV | 426795 | 685448 | 14.98% | 3.486% |
| 9 | 16.210 | 2184 | 2191 | 2207 | rBV | 1356349 | 2098011 | 45.84% | 10.671% |
| 10 | 17.468 | 2399 | 2405 | 2411 | rBV | 663755 | 983524 | 21.49% | 5.002% |
| 11 | 18.349 | 2548 | 2555 | 2561 | rBV2 | 65764 | 124414 | 2.72% | 0.633% |
| 12 | 19.512 | 2748 | 2753 | 2760 | rBV | 125212 | 179775 | 3.93% | 0.914% |
| 13 | 19.871 | 2811 | 2814 | 2822 | rVB | 108398 | 161695 | 3.53% | 0.822% |
| 14 | 20.071 | 2842 | 2848 | 2854 | rBV | 3505027 | 4577242 | 100.00% | 23.281% |
| 15 | 21.375 | 3064 | 3070 | 3081 | rBV2 | 266026 | 504504 | 11.02% | 2.566% |
| 16 | 21.739 | 3124 | 3132 | 3138 | rBV2 | 845634 | 1479916 | 32.33% | 7.527% |
| 17 | 21.939 | 3161 | 3166 | 3172 | rVB8 | 24831 | 52444 | 1.15% | 0.267% |
| 18 | 23.978 | 3504 | 3513 | 3518 | rBV2 | 34244 | 116264 | 2.54% | 0.591% |
| 19 | 24.695 | 3628 | 3635 | 3641 | rBV3 | 21294 | 65521 | 1.43% | 0.333% |
| 20 | 24.847 | 3654 | 3661 | 3668 | rBV3 | 30252 | 82901 | 1.81% | 0.422% |
| 21 | 25.006 | 3678 | 3688 | 3706 | rBV2 | 468795 | 1411000 | 30.83% | 7.177% |

Sum of corrected areas: 19661204

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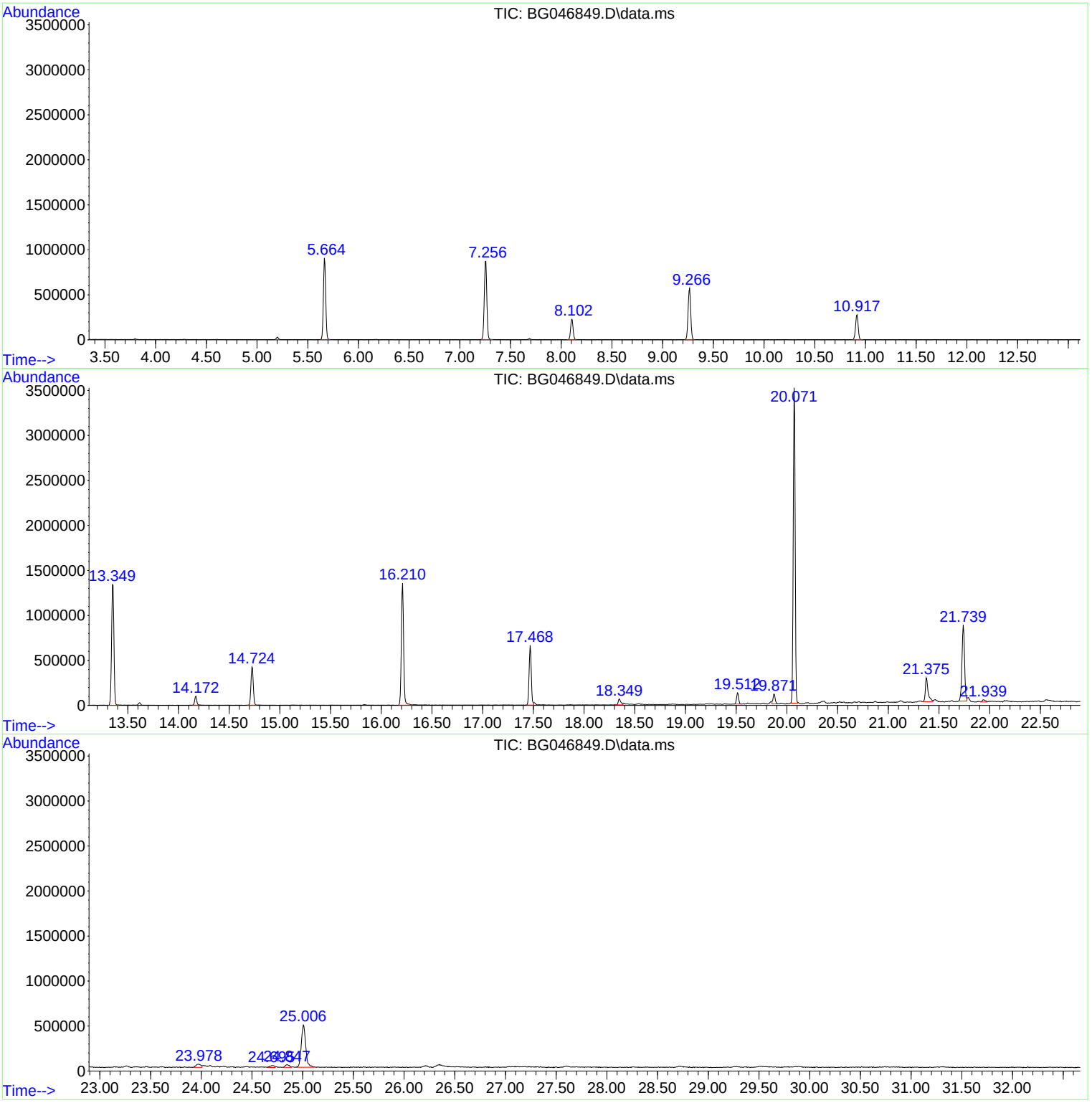
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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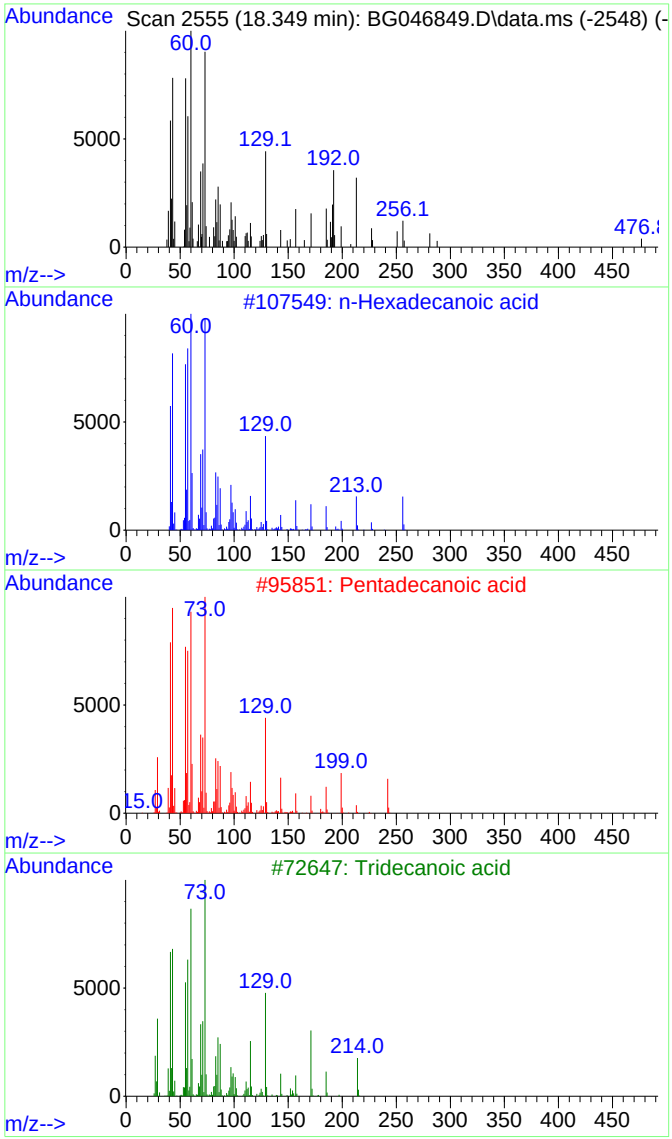
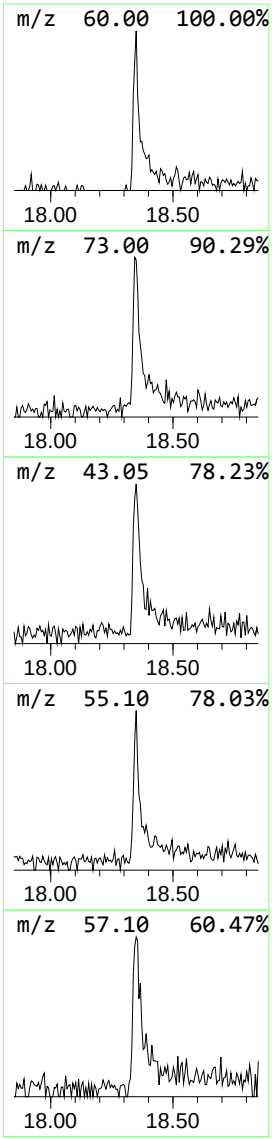
Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.349 | 2.53 ng | 124414 | Phenanthrene-d10 | 17.468 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 99 |
| 2 | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 68 |
| 3 | Tridecanoic acid | 214 | C13H26O2 | 000638-53-9 | 58 |
| 4 | Dodecanoic acid | 200 | C12H24O2 | 000143-07-7 | 53 |
| 5 | Tetradecanoic acid | 228 | C14H28O2 | 000544-63-8 | 52 |



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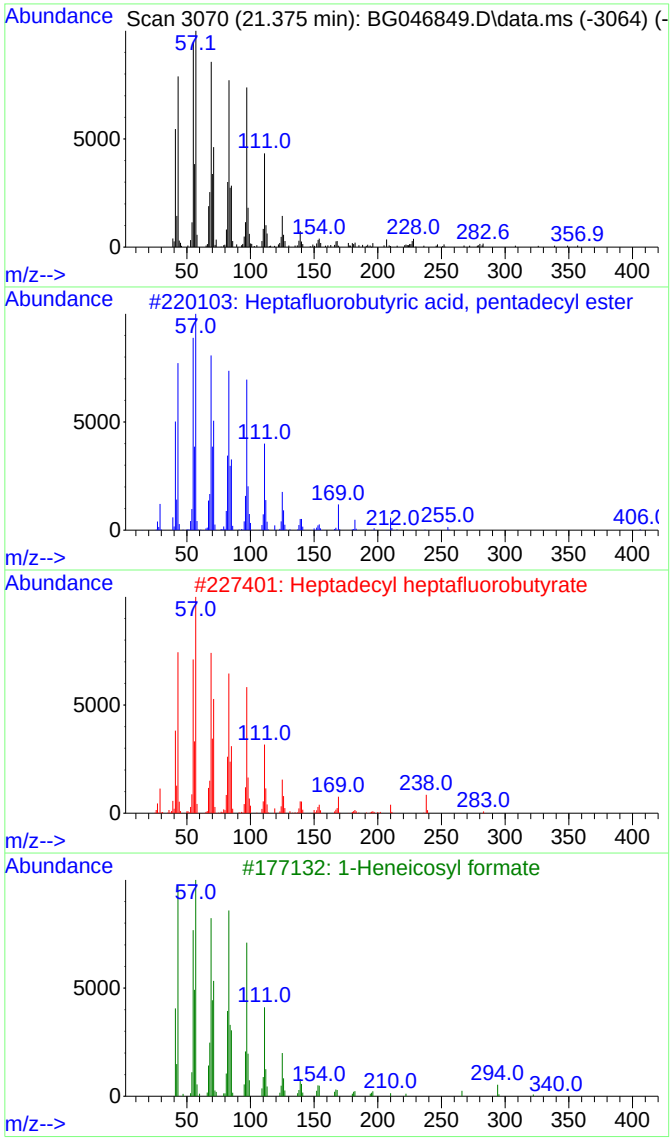
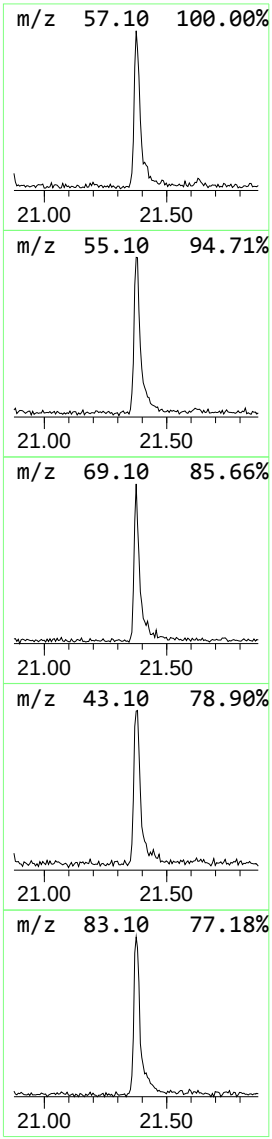
Peak Number 2 Heptafluorobutyric acid, pe... Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.375 | 6.82 ng | 504504 | Chrysene-d12 | 21.739 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heptafluorobutyric acid, pentade... | 424 | C19H31F7O2 | 959261-23-5 | 94 |
| 2 | Heptadecyl heptafluorobutyrate | 452 | C21H35F7O2 | 959085-66-6 | 94 |
| 3 | 1-Heneicosyl formate | 340 | C22H44O2 | 077899-03-7 | 94 |
| 4 | Pentafluoropropionic acid, tetra... | 360 | C17H29F5O2 | 006222-06-6 | 91 |
| 5 | Trichloroacetic acid, pentadecyl... | 372 | C17H31Cl3O2 | 074339-53-0 | 91 |



Tentatively Identified Compound (LSC) summary

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| | | | | | --Internal Standard--- | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| n-Hexadecanoic ... | 18.349 | 2.5 | ng | 124414 | 4 | 17.468 | 983524 | 20.0 |
| Heptafluorobuty... | 21.375 | 6.8 | ng | 504504 | 5 | 21.739 | 1479920 | 20.0 |