LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090319\
Data File : BG042693.D
Acq On : 3 Sep 2019 17:51
Operator : HP/JU
Sample : K4622-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :**

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-BG082219.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 | 3.115 | 3 | 4 | 16 | rVB | 117149 | 128344 | 7.82% | 1.339% |
| 2 | 5.553 | 413 | 419 | 433 | rBV | 319380 | 521300 | 31.76% | 5.440% |
| 3 | 7.163 | 686 | 693 | 709 | rBV | 320095 | 609656 | 37.15% | 6.363% |
| 4 | 7.527 | 748 | 755 | 771 | rBV | 353801 | 616608 | 37.57% | 6.435% |
| 5 | 7.997 | 825 | 835 | 845 | rBV | 103293 | 168942 | 10.29% | 1.763% |
| 6 | 8.321 | 881 | 890 | 900 | rBV | 285920 | 495156 | 30.17% | 5.168% |
| 7 | 9.167 | 1025 | 1034 | 1050 | rBV | 183455 | 359929 | 21.93% | 3.756% |
| 8 | 10.818 | 1308 | 1315 | 1334 | rBV | 119338 | 239113 | 14.57% | 2.495% |
| 9 | 13.274 | 1726 | 1733 | 1746 | rBV | 616374 | 1018080 | 62.03% | 10.625% |
| 10 | 14.108 | 1869 | 1875 | 1888 | rBV | 79394 | 137464 | 8.38% | 1.435% |
| 11 | 14.654 | 1962 | 1968 | 1982 | rBV | 237323 | 400831 | 24.42% | 4.183% |
| 12 | 16.147 | 2215 | 2222 | 2250 | rBV | 544038 | 959084 | 58.44% | 10.009% |
| 13 | 17.410 | 2430 | 2437 | 2450 | rBV2 | 329901 | 531564 | 32.39% | 5.548% |
| 14 | 18.303 | 2585 | 2589 | 2593 | rBV5 | 10682 | 18295 | 1.11% | 0.191% |
| 15 | 20.019 | 2875 | 2881 | 2894 | rBV | 1244904 | 1641196 | 100.00% | 17.128% |
| 16 | 21.323 | 3098 | 3103 | 3112 | rBV2 | 59622 | 121402 | 7.40% | 1.267% |
| 17 | 21.687 | 3154 | 3165 | 3181 | rBV | 388919 | 713393 | 43.47% | 7.445% |
| 18 | 22.480 | 3297 | 3300 | 3306 | rBV4 | 11529 | 19987 | 1.22% | 0.209% |
| 19 | 23.180 | 3413 | 3419 | 3426 | rBV2 | 19187 | 38070 | 2.32% | 0.397% |
| 20 | 23.990 | 3551 | 3557 | 3566 | rVB4 | 20327 | 48901 | 2.98% | 0.510% |
| 21 | 24.931 | 3706 | 3717 | 3733 | rBV2 | 237298 | 750693 | 45.74% | 7.835% |
| 22 | 26.088 | 3903 | 3914 | 3923 | rBV7 | 12217 | 43846 | 2.67% | 0.458% |

Sum of corrected areas: 9581854

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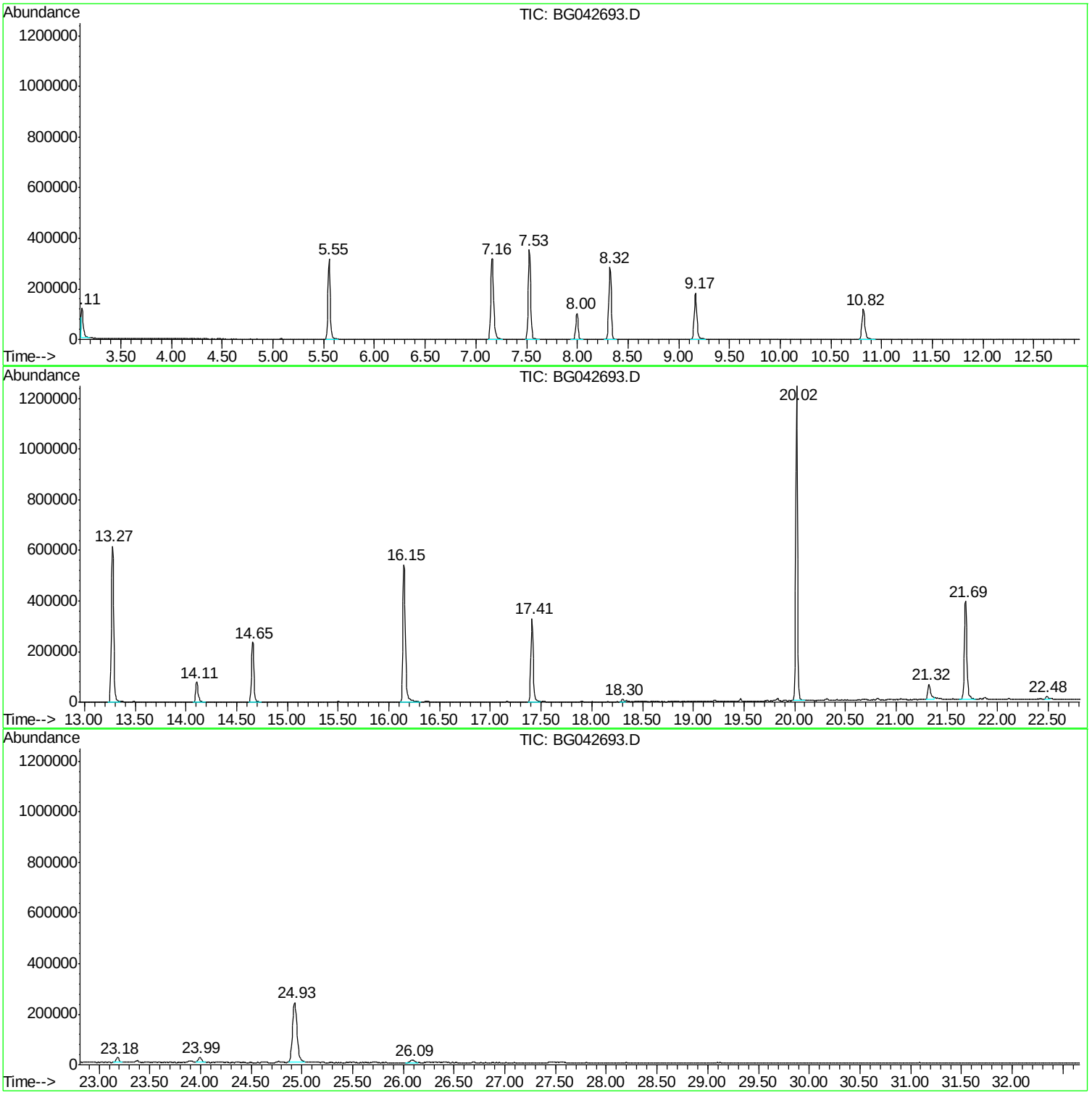
BNA_G
**ClientSampleId :**

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082219.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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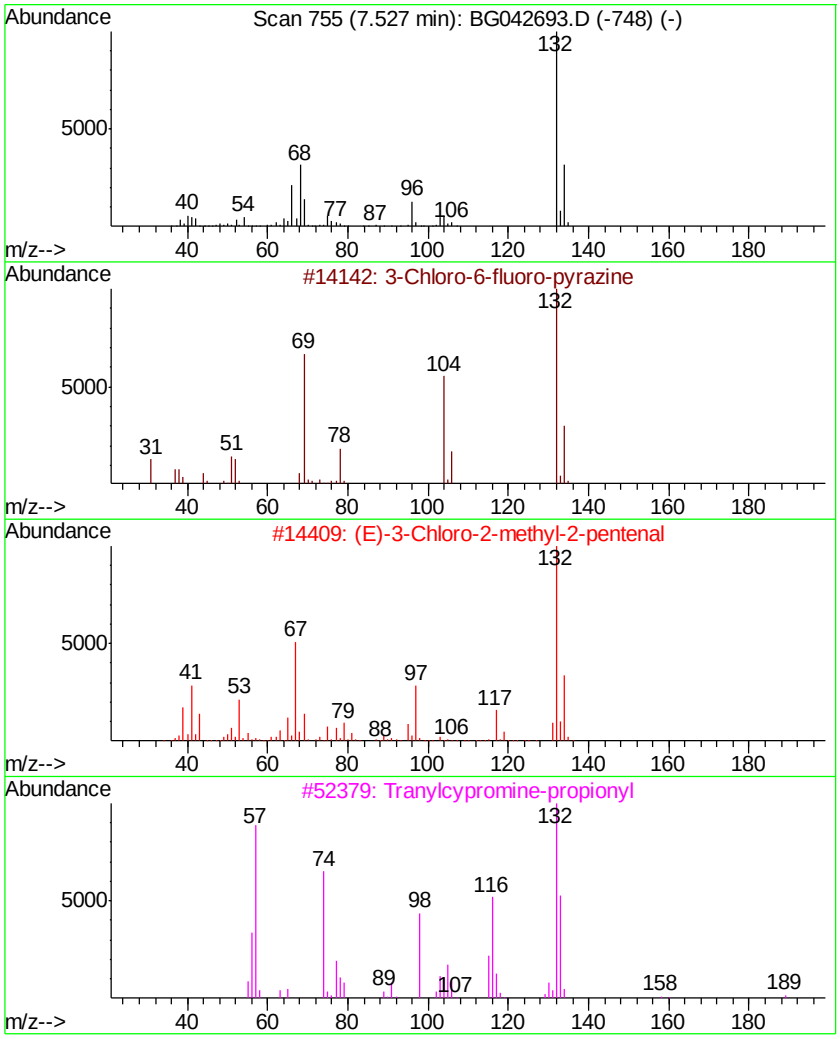
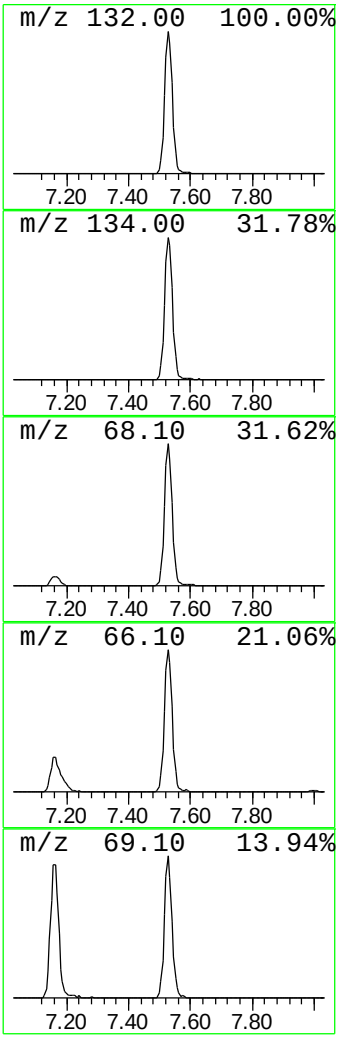
Peak Number 2 unknown7.53 Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.53 | 73.00 ng | 616608 | 1,4-Dichlorobenzene-d4 | 8.00 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 3-Chloro-6-fluoro-pyrazine | 132 | C4H2ClFN2 | 1000146-10-7 | 25 |
| 2 | (E)-3-Chloro-2-methyl-2-pentenal | 132 | C6H9ClO | 031357-76-3 | 17 |
| 3 | Tranylcypromine-propionyl | 189 | C12H15NO | 1000123-86-3 | 12 |
| 4 | N-(-phenylisopropyl)benzaldimine | 223 | C16H17N | 1000379-01-3 | 12 |
| 5 | 4-Chloro-6-fluoro-pyrimidine | 132 | C4H2ClFN2 | 051422-01-6 | 9 |



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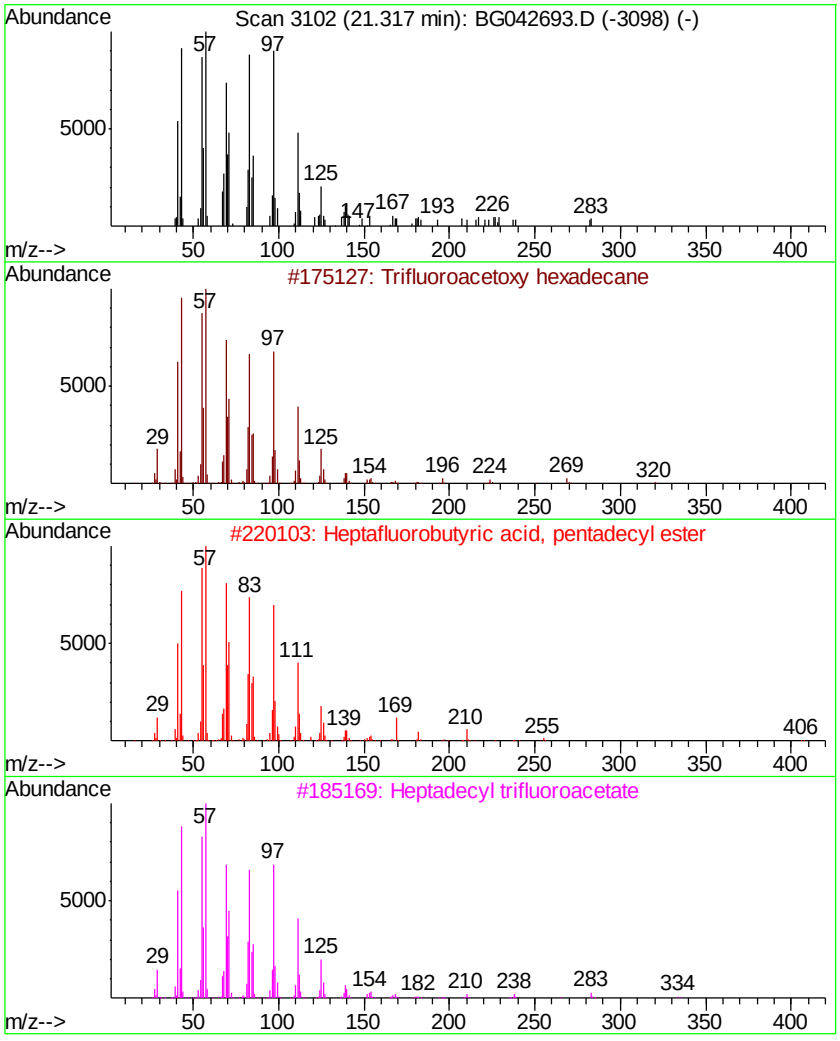
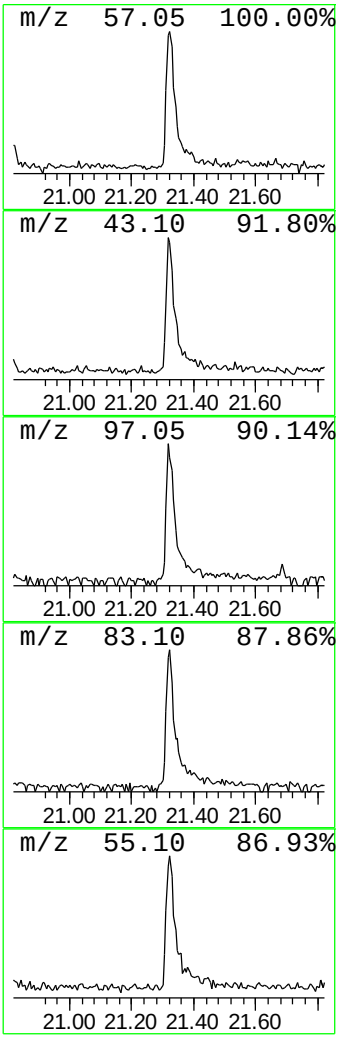
**********

Peak Number 4 Trifluoroacetoxy hexadecane Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.32 | 3.40 ng | 121402 | Chrysene-d12 | 21.68 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Trifluoroacetoxy hexadecane | 338 | C18H33F3O2 | 006222-03-3 | 95 |
| 2 | Heptafluorobutyric acid, pentade... | 424 | C19H31F7O2 | 959261-23-5 | 94 |
| 3 | Heptadecyl trifluoroacetate | 352 | C19H35F3O2 | 1000351-87-0 | 93 |
| 4 | Octadecyl trifluoroacetate | 366 | C20H37F3O2 | 079392-43-1 | 92 |
| 5 | Heptadecyl heptafluorobutyrate | 452 | C21H35F7O2 | 959085-66-6 | 91 |



Tentatively Identified Compound (LSC) summary

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BNA_G
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| | | | | | Internal Standard | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| unknown7.53 | 7.53 | 73.0 | ng | 616608 | 1 | 8.00 | 168942 | 20.0 |
| Trifluoroacetoxy ... | 21.32 | 3.4 | ng | 121402 | 5 | 21.68 | 713393 | 20.0 |