LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010521\
Data File : BG047872.D
Acq On : 5 Jan 2021 18:16
Operator : CG/JU
Sample : M1007-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** R-LA-22-1-WC

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-BG121720.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG047872.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.253 | 320 | 326 | 333 | rVB3 | 21421 | 37320 | 2.20% | 0.421% |
| 2 | 5.728 | 400 | 407 | 414 | rBV | 412556 | 669617 | 39.44% | 7.552% |
| 3 | 7.338 | 673 | 681 | 692 | rBV | 443859 | 748659 | 44.09% | 8.443% |
| 4 | 7.767 | 748 | 754 | 759 | rBV | 11712 | 21404 | 1.26% | 0.241% |
| 5 | 8.196 | 819 | 827 | 835 | rBV | 126529 | 216239 | 12.73% | 2.439% |
| 6 | 9.365 | 1016 | 1026 | 1034 | rVB | 277648 | 491202 | 28.93% | 5.540% |
| 7 | 11.022 | 1301 | 1308 | 1316 | rVB | 152821 | 268508 | 15.81% | 3.028% |
| 8 | 13.443 | 1713 | 1720 | 1727 | rBV | 646743 | 999420 | 58.86% | 11.271% |
| 9 | 14.254 | 1852 | 1858 | 1865 | rBV | 129797 | 192090 | 11.31% | 2.166% |
| 10 | 14.818 | 1947 | 1954 | 1961 | rBV2 | 241308 | 377161 | 22.21% | 4.254% |
| 11 | 16.157 | 2178 | 2182 | 2191 | rBV2 | 106010 | 144824 | 8.53% | 1.633% |
| 12 | 16.298 | 2200 | 2206 | 2219 | rBV | 637940 | 953350 | 56.15% | 10.752% |
| 13 | 17.556 | 2414 | 2420 | 2427 | rBV | 324948 | 485530 | 28.59% | 5.476% |
| 14 | 19.777 | 2794 | 2798 | 2803 | rVB6 | 24054 | 29250 | 1.72% | 0.330% |
| 15 | 20.141 | 2854 | 2860 | 2867 | rVB | 1317783 | 1697991 | 100.00% | 19.150% |
| 16 | 20.781 | 2963 | 2969 | 2972 | rBV5 | 50606 | 71663 | 4.22% | 0.808% |
| 17 | 20.817 | 2972 | 2975 | 2980 | rVB7 | 20706 | 31168 | 1.84% | 0.352% |
| 18 | 21.122 | 3019 | 3027 | 3028 | rBV7 | 7817 | 17860 | 1.05% | 0.201% |
| 19 | 21.439 | 3075 | 3081 | 3090 | rBV5 | 83698 | 185661 | 10.93% | 2.094% |
| 20 | 21.528 | 3092 | 3096 | 3101 | rVB | 17795 | 29617 | 1.74% | 0.334% |
| 21 | 21.827 | 3141 | 3147 | 3154 | rBV | 335718 | 575685 | 33.90% | 6.493% |
| 22 | 24.177 | 3541 | 3547 | 3549 | rBV6 | 12821 | 21673 | 1.28% | 0.244% |
| 23 | 25.176 | 3706 | 3717 | 3727 | rVB3 | 205868 | 601023 | 35.40% | 6.778% |

Sum of corrected areas: 8866915

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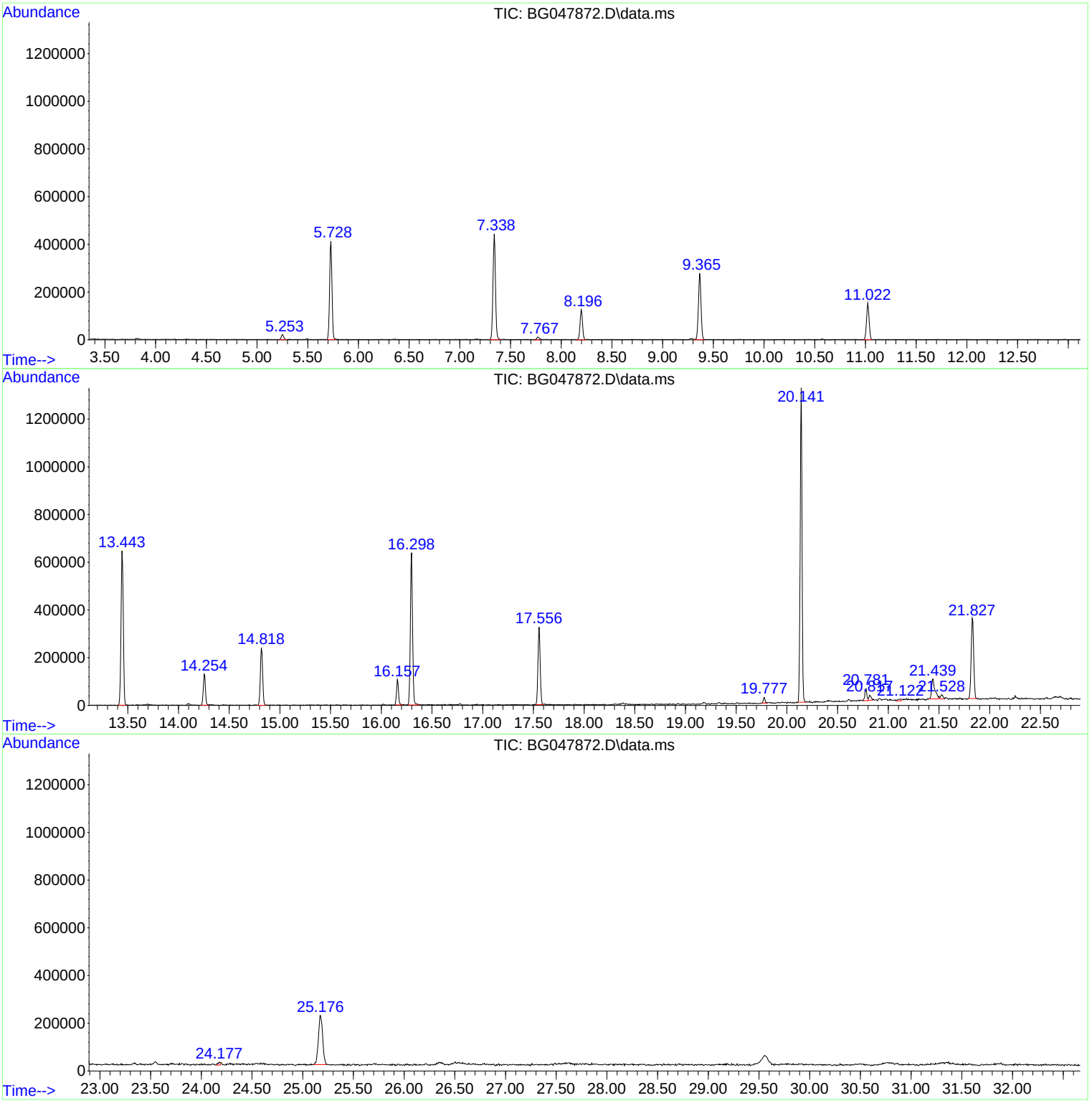
**Instrument :**
BNA_G
**ClientSampleId :**
R-LA-22-1-WC

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121720.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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R-LA-22-1-WC

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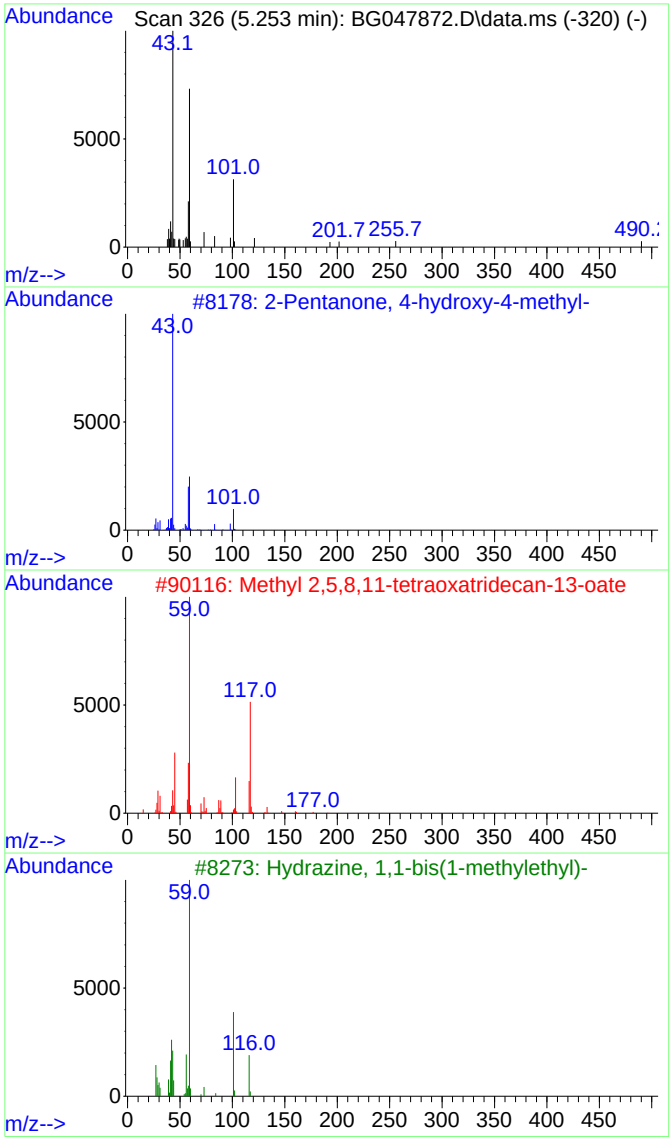
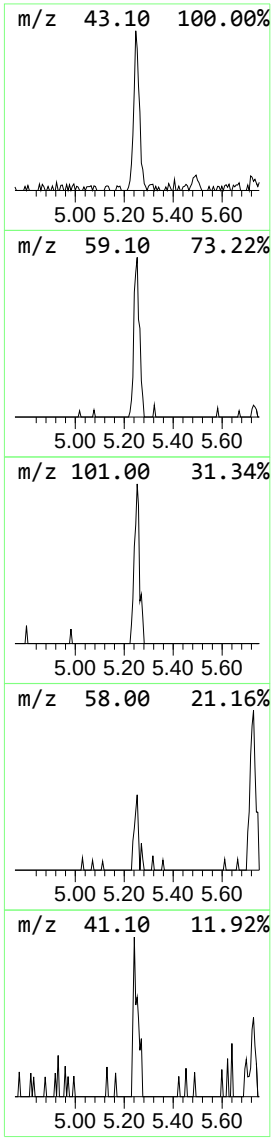
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.253 | 3.45 ng | 37320 | 1,4-Dichlorobenzene-d4 | 8.196 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2 | 000123-42-2 | 53 |
| 2 | Methyl 2,5,8,11-tetraoxatridecan... | 236 | C10H20O6 | 1000366-78-2 | 40 |
| 3 | Hydrazine, 1,1-bis(1-methylethyl)- | 116 | C6H16N2 | 000921-14-2 | 40 |
| 4 | Propane, 1-ethoxy-2-methyl- | 102 | C6H14O | 000627-02-1 | 38 |
| 5 | (2,3,3-Trimethyloxiranyl)methanol | 116 | C6H12O2 | 1000306-64-7 | 36 |



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Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** R-LA-22-1-WC

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

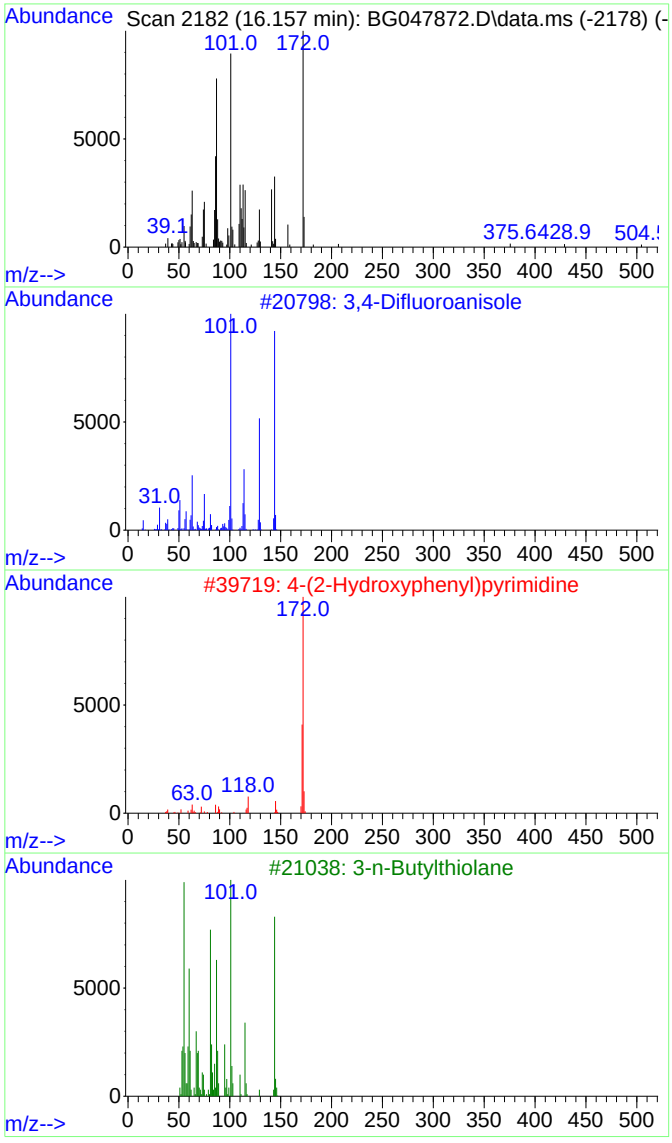
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

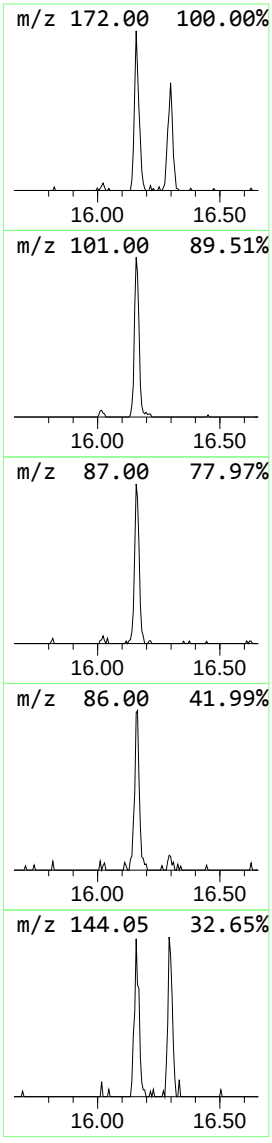
**********

Peak Number 2 unknown16.157 Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.157 | 7.68 ng | 144824 | Acenaphthene-d10 | 14.818 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 3,4-Difluoroanisole | 144 | C7H6F2O | 115144-40-6 | 30 |
| 2 | 4-(2-Hydroxyphenyl)pyrimidine | 172 | C10H8N2O | 068535-55-7 | 10 |
| 3 | 3-n-Butylthiolane | 144 | C8H16S | 001551-24-2 | 10 |
| 4 | 5-(4-Hydroxyphenyl)pyrimidine | 172 | C10H8N2O | 069491-51-6 | 10 |
| 5 | Succinic acid, di(3-hexyl) ester | 286 | C16H30O4 | 1000349-46-0 | 10 |



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Operator : CG/JU
Sample : M1007-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** R-LA-22-1-WC

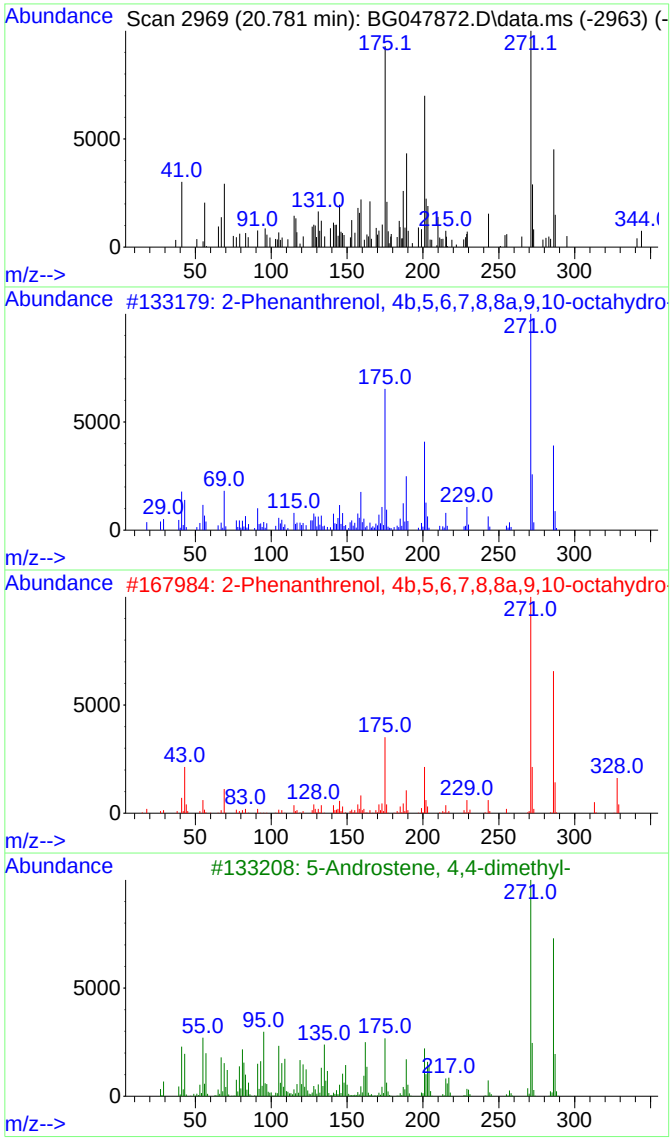
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

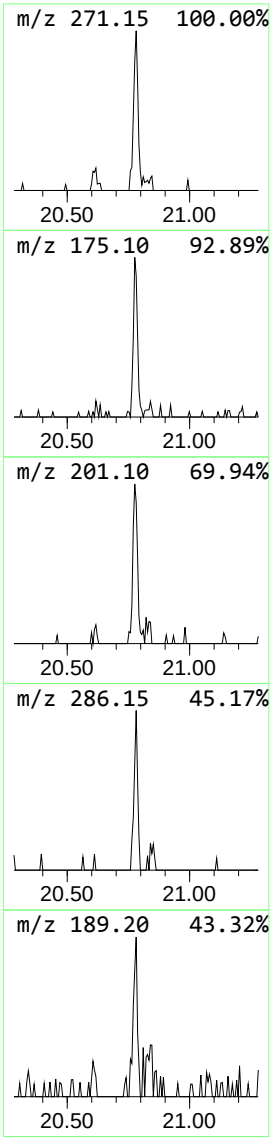
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 3 2-Phenanthrenol, 4b,5,6,7,8... Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.781 | 2.49 ng | 71663 | Chrysene-d12 | 21.827 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Phenanthrenol, 4b,5,6,7,8,8a,9... | 286 | C20H30O | 000511-15-9 | 81 |
| 2 | 2-Phenanthrenol, 4b,5,6,7,8,8a,9... | 328 | C22H32O2 | 015340-82-6 | 64 |
| 3 | 5-Androstene, 4,4-dimethyl- | 286 | C21H34 | 1000194-15-4 | 64 |
| 4 | Pyrrolidine, 1-[5-(1,3-benzodiox... | 271 | C16H17NO3 | 025924-78-1 | 46 |
| 5 | Silane, dimethyl(2-chlorophenoxy... | 286 | C14H23ClO2Si | 1000347-07-2 | 38 |



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Sample : M1007-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** R-LA-22-1-WC

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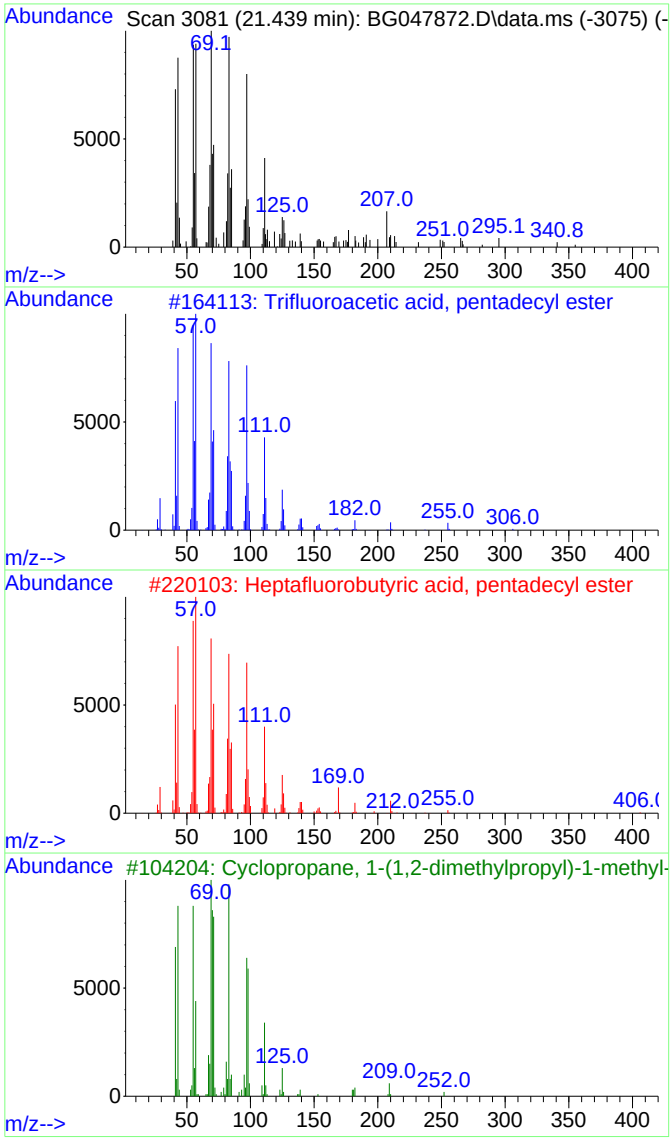
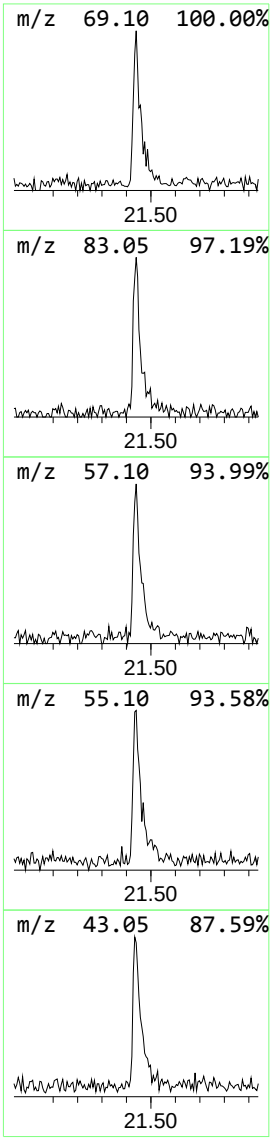
TIC Integration Parameters: LSCINT.P

**********
Peak Number 4 Trifluoroacetic acid, penta... Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.439 | 6.45 ng | 185661 | Chrysene-d12 | 21.827 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Trifluoroacetic acid, pentadecyl... | 324 | C17H31F3O2 | 959010-23-2 | 94 |
| 2 | Heptafluorobutyric acid, pentade... | 424 | C19H31F7O2 | 959261-23-5 | 94 |
| 3 | Cyclopropane, 1-(1,2-dimethylpro... | 252 | C18H36 | 041977-42-8 | 86 |
| 4 | 4-Methyl-E-9-octadecene | 266 | C19H38 | 1000130-87-1 | 86 |
| 5 | Cyclohexadecane | 224 | C16H32 | 000295-65-8 | 83 |



Tentatively Identified Compound (LSC) summary

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ALS Vial : 8 Sample Multiplier: 1

**Instrument :** BNA_G
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| | | | | | --Internal Standard--- | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| 2-Pentanone, 4-... | 5.253 | 3.5 | ng | 37320 | 1 | 8.196 | 216239 | 20.0 |
| unknown16.157 | 16.157 | 7.7 | ng | 144824 | 3 | 14.818 | 377161 | 20.0 |
| 2-Phenanthrenol... | 20.781 | 2.5 | ng | 71663 | 5 | 21.827 | 575685 | 20.0 |
| Trifluoroacetic... | 21.439 | 6.5 | ng | 185661 | 5 | 21.827 | 575685 | 20.0 |