LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102416\
Data File : BF090805.D
Acq On : 24 Oct 2016 23:18
Operator : UM/SJ
Sample : H5393-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SIDEWALL-NORTH

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:\HPCHEM1\BNA_F\METHODS\8270-BF102116.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 | 5.023 | 233 | 235 | 246 | rBV | 669090 | 1144486 | 17.85% | 2.415% |
| 2 | 5.446 | 269 | 272 | 275 | rBV | 4381766 | 5007454 | 78.10% | 10.565% |
| 3 | 6.486 | 359 | 363 | 365 | rBV | 3417142 | 5594768 | 87.26% | 11.805% |
| 4 | 6.612 | 371 | 374 | 376 | rBV | 4255264 | 5776540 | 90.09% | 12.188% |
| 5 | 6.840 | 391 | 394 | 396 | rBV | 657996 | 988070 | 15.41% | 2.085% |
| 6 | 6.989 | 405 | 407 | 410 | rBV | 3688711 | 4144702 | 64.64% | 8.745% |
| 7 | 7.400 | 440 | 443 | 446 | rBV | 2629348 | 2972181 | 46.36% | 6.271% |
| 8 | 7.515 | 450 | 453 | 459 | rVB | 87938 | 187173 | 2.92% | 0.395% |
| 9 | 8.120 | 504 | 506 | 508 | rBV | 1600000 | 1393409 | 21.73% | 2.940% |
| 10 | 9.206 | 598 | 601 | 603 | rBV | 5151996 | 6411765 | 100.00% | 13.528% |
| 11 | 9.595 | 632 | 635 | 637 | rBV | 1392940 | 1160659 | 18.10% | 2.449% |
| 12 | 9.869 | 657 | 659 | 662 | rBV | 1017200 | 1412612 | 22.03% | 2.981% |
| 13 | 10.669 | 726 | 729 | 731 | rBV | 2807263 | 3194974 | 49.83% | 6.741% |
| 14 | 10.783 | 737 | 739 | 745 | rVB | 98323 | 118719 | 1.85% | 0.250% |
| 15 | 11.355 | 787 | 789 | 792 | rBV | 1067106 | 1115894 | 17.40% | 2.354% |
| 16 | 12.944 | 926 | 928 | 931 | rBV | 3356905 | 4740645 | 73.94% | 10.002% |
| 17 | 13.847 | 1005 | 1007 | 1011 | rBV | 97431 | 128314 | 2.00% | 0.271% |
| 18 | 13.995 | 1018 | 1020 | 1023 | rBV | 928825 | 954608 | 14.89% | 2.014% |
| 19 | 14.292 | 1040 | 1046 | 1052 | rBV10 | 12504 | 74486 | 1.16% | 0.157% |
| 20 | 15.424 | 1142 | 1145 | 1148 | rBV | 618902 | 873467 | 13.62% | 1.843% |

Sum of corrected areas: 47394926

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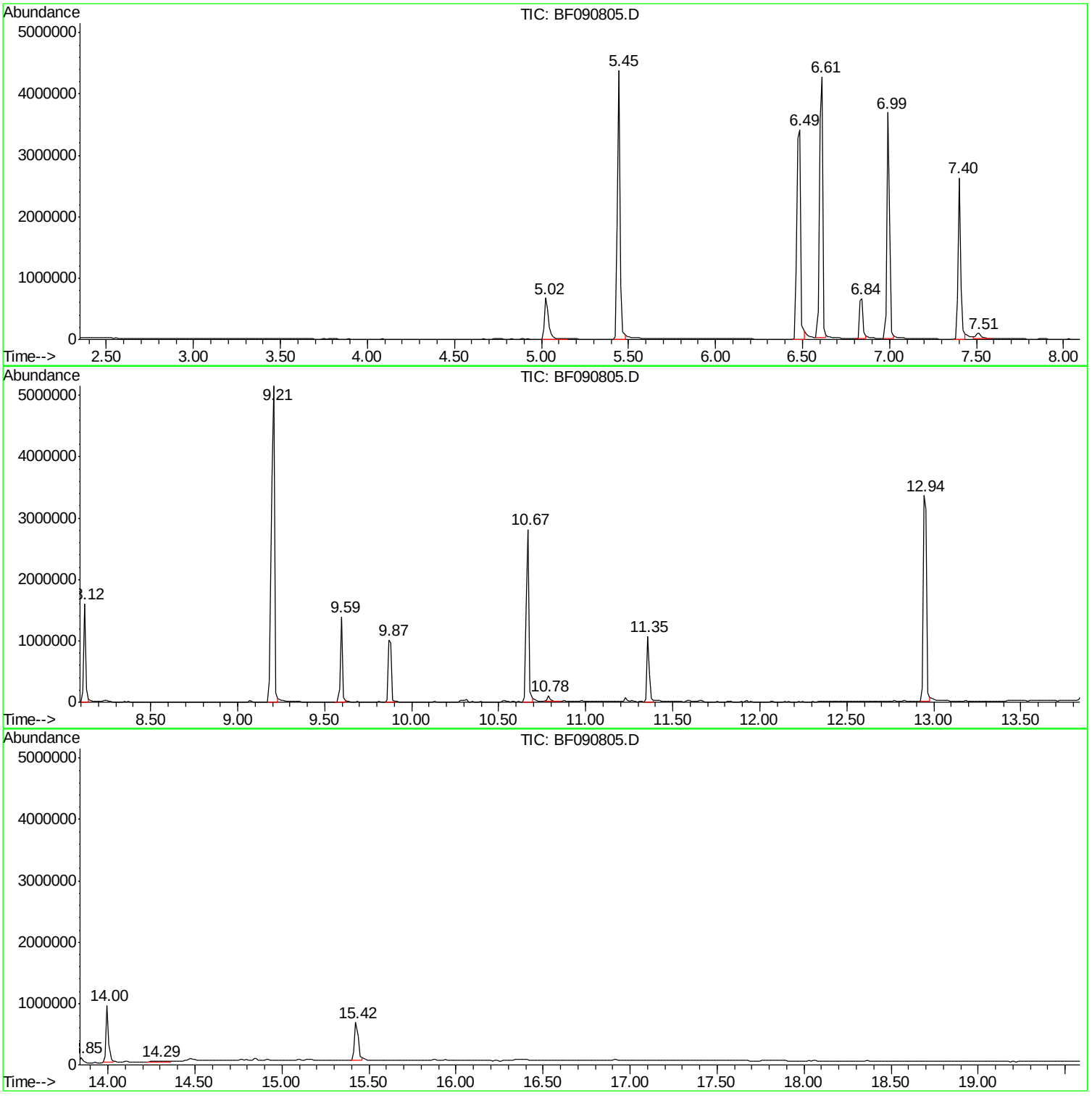
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SIDEWALL-NORTH

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102116.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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Acq On : 24 Oct 2016 23:18
Operator : UM/SJ
Sample : H5393-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SIDEWALL-NORTH

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

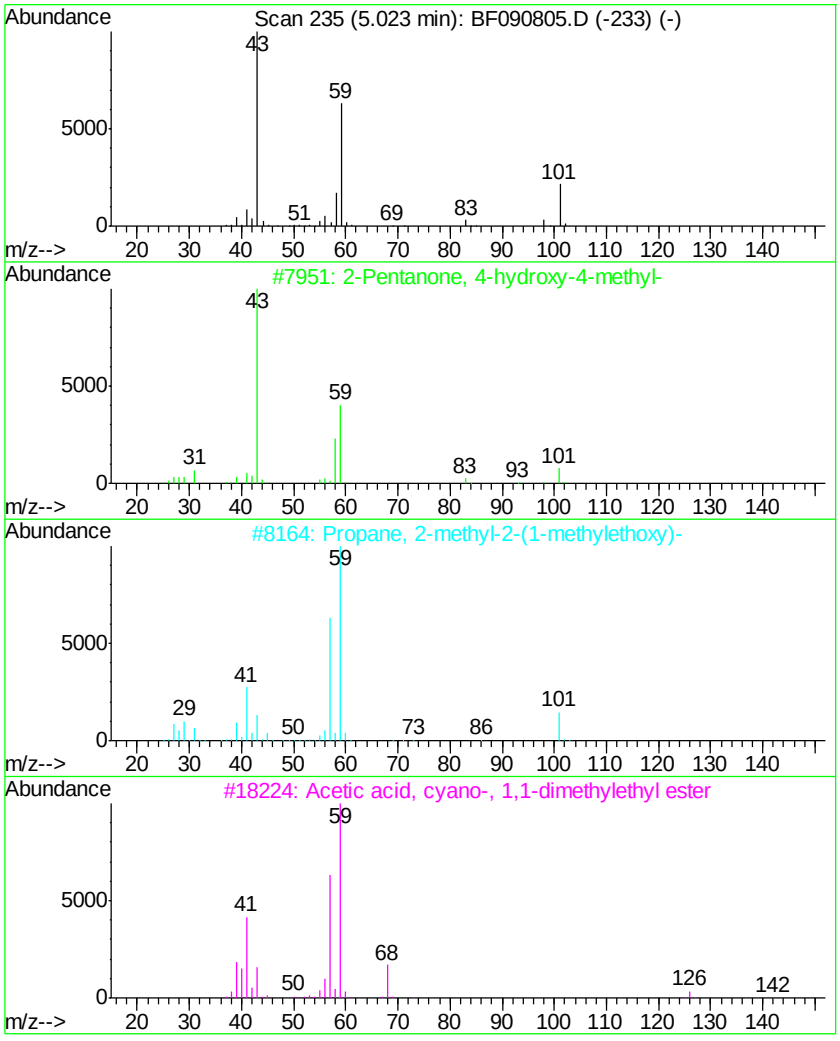
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

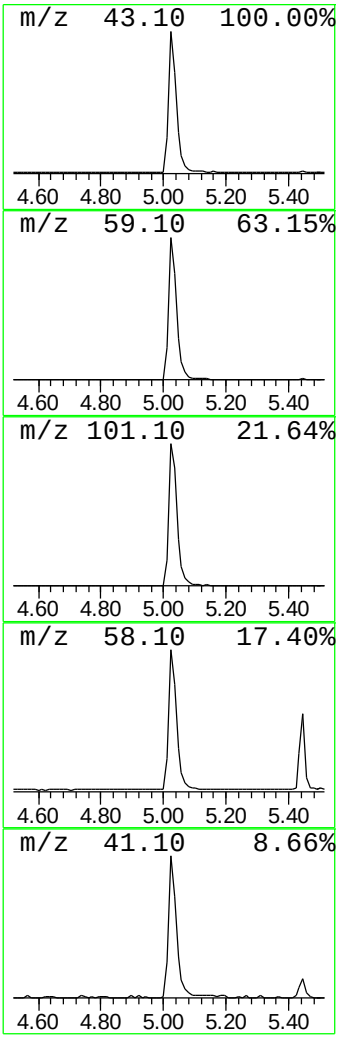
**********

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.02 | 23.17 ng | 1144490 | 1,4-Dichlorobenzene-d4 | 6.84 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2 | 000123-42-2 | 56 |
| 2 | Propane, 2-methyl-2-(1-methyleth... | 116 | C7H16O | 017348-59-3 | 53 |
| 3 | Acetic acid, cyano-, 1,1-dimethy... | 141 | C7H11NO2 | 001116-98-9 | 23 |
| 4 | Guanidine | 59 | CH5N3 | 000113-00-8 | 9 |
| 5 | Acetone | 58 | C3H6O | 000067-64-1 | 9 |



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Data File : BF090805.D
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Operator : UM/SJ
Sample : H5393-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SIDEWALL-NORTH

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102116.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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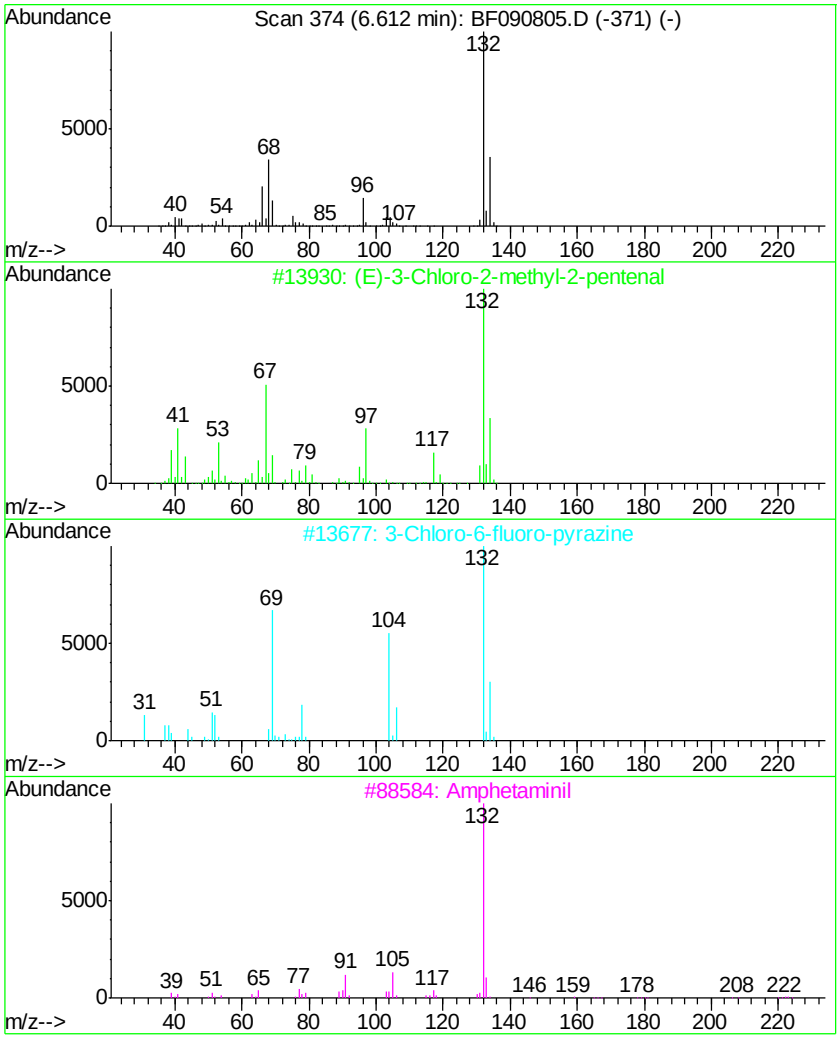
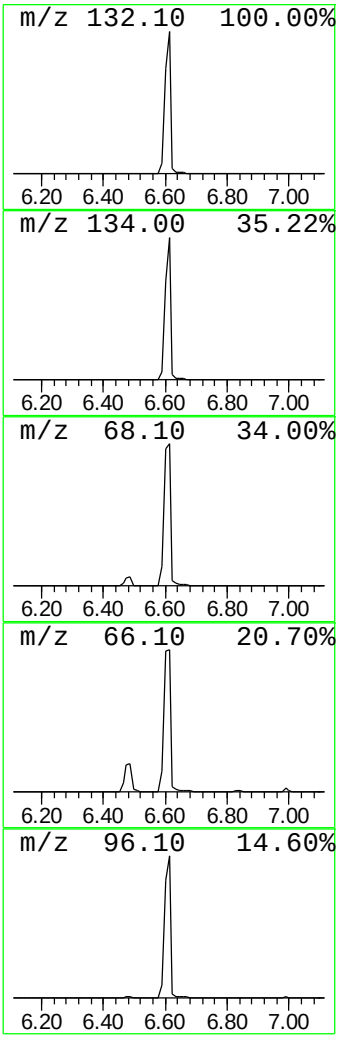
Peak Number 2 unknown6.61 Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.61 | 116.93 ng | 5776540 | 1,4-Dichlorobenzene-d4 | 6.84 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | (E)-3-Chloro-2-methyl-2-pentenal | 132 | C6H9ClO | 031357-76-3 | 35 |
| 2 | 3-Chloro-6-fluoro-pyrazine | 132 | C4H2ClFN2 | 1000146-10-7 | 25 |
| 3 | Amphetaminil | 250 | C17H18N2 | 017590-01-1 | 12 |
| 4 | Tranylcypromine-propionyl | 189 | C12H15NO | 1000123-86-3 | 12 |
| 5 | 2H-Cyclopenta[d]pyridazine, 2-me... | 132 | C8H8N2 | 022291-85-6 | 9 |



# Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102416\
Data File : BF090805.D
Acq On : 24 Oct 2016 23:18
Operator : UM/SJ
Sample : H5393-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SIDEWALL-NORTH

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

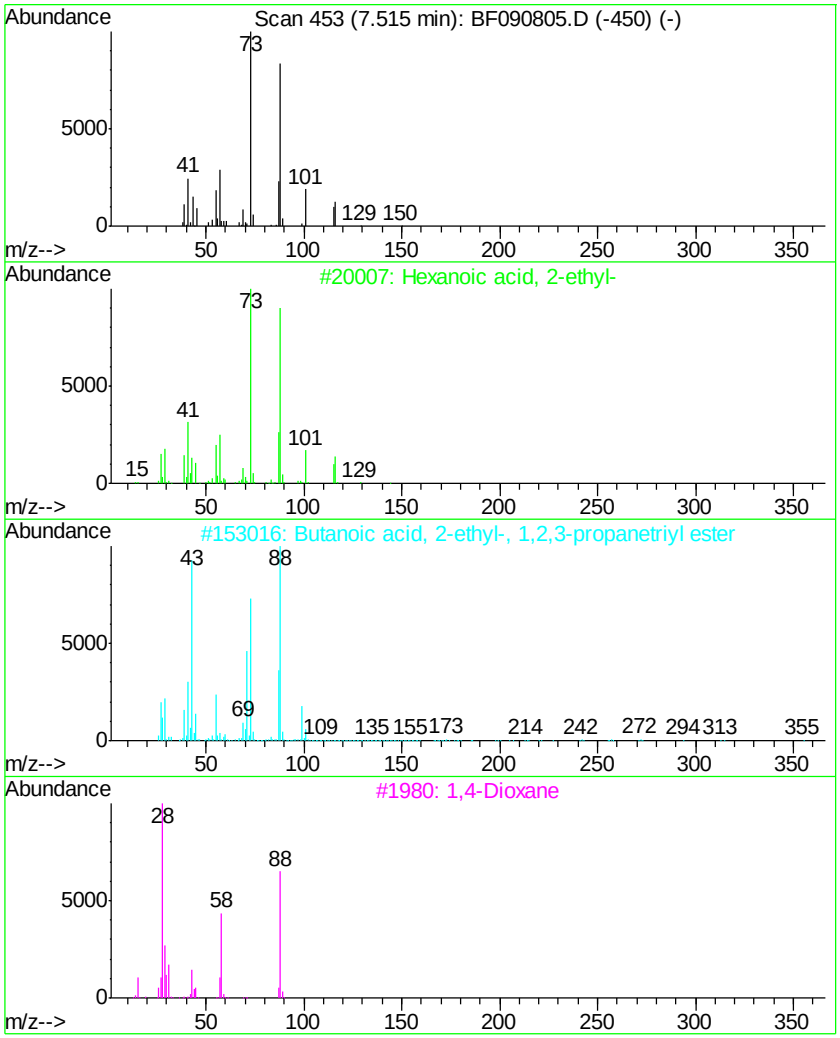
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

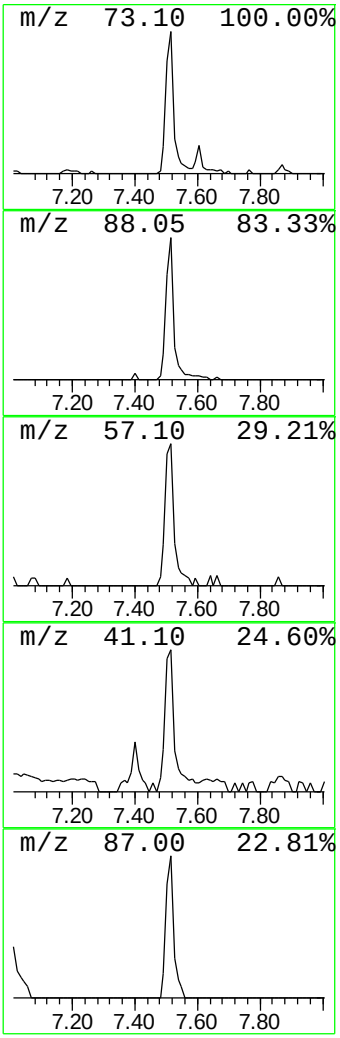
**********

Peak Number 4 Hexanoic acid, 2-ethyl- Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.51 | 2.69 ng | 187173 | Naphthalene-d8 | 8.12 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexanoic acid, 2-ethyl- | 144 | C8H16O2 | 000149-57-5 | 90 |
| 2 | Butanoic acid, 2-ethyl-, 1,2,3-p... | 386 | C21H38O6 | 056554-54-2 | 38 |
| 3 | 1,4-Dioxane | 88 | C4H8O2 | 000123-91-1 | 37 |
| 4 | Methyl 2,3,4-tri-O-methyl-6-deox... | 220 | C10H20O5 | 072983-16-5 | 33 |
| 5 | Hexanamide, 6-(heptyloxy)- | 229 | C13H27NO2 | 055191-08-7 | 28 |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF102416\
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Operator : UM/SJ
Sample : H5393-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SIDEWALL-NORTH

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102116.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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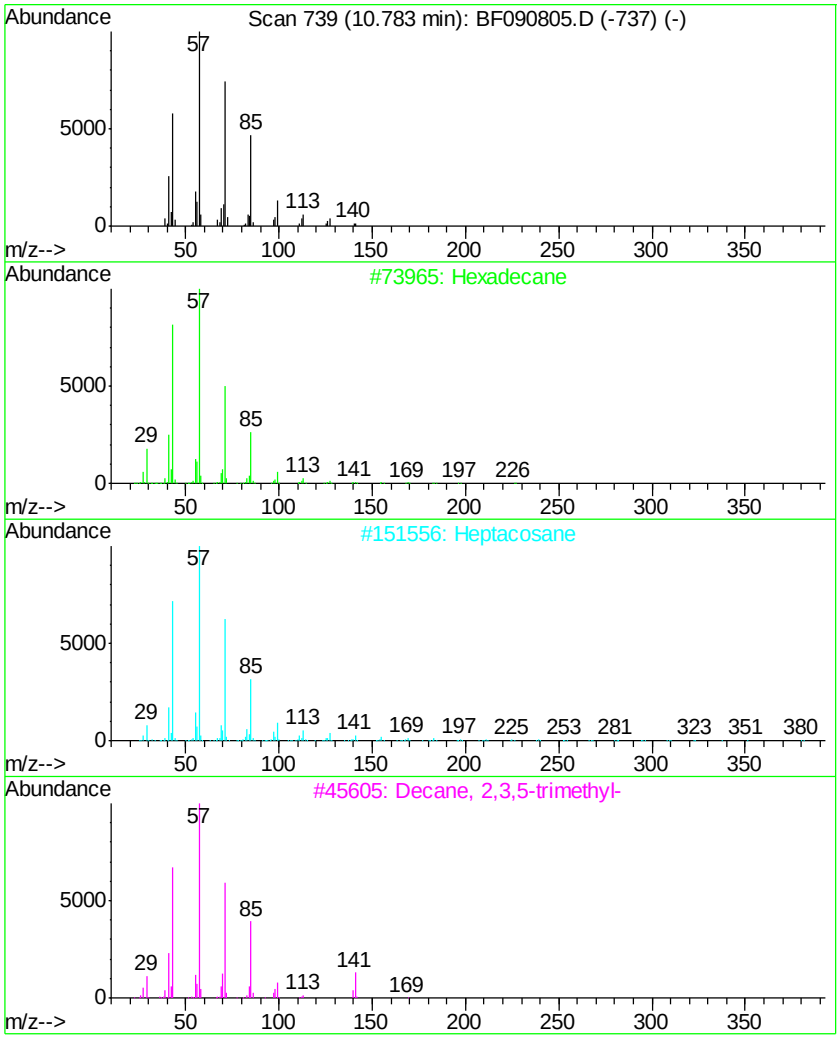
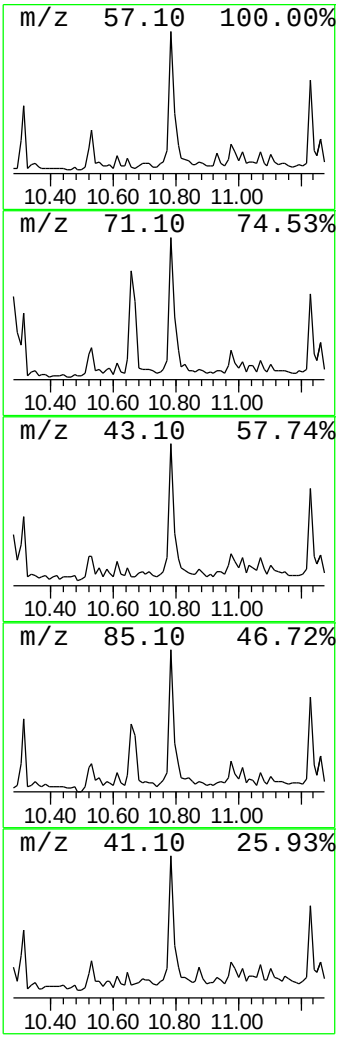
Peak Number 5 Hexadecane Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.78 | 2.13 ng | 118719 | Phenanthrene-d10 | 11.36 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexadecane | 226 | C16H34 | 000544-76-3 | 90 |
| 2 | Heptacosane | 380 | C27H56 | 000593-49-7 | 90 |
| 3 | Decane, 2,3,5-trimethyl- | 184 | C13H28 | 062238-11-3 | 86 |
| 4 | Pentadecane | 212 | C15H32 | 000629-62-9 | 83 |
| 5 | Decane, 5-propyl- | 184 | C13H28 | 017312-62-8 | 80 |



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Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SIDEWALL-NORTH

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102116.M
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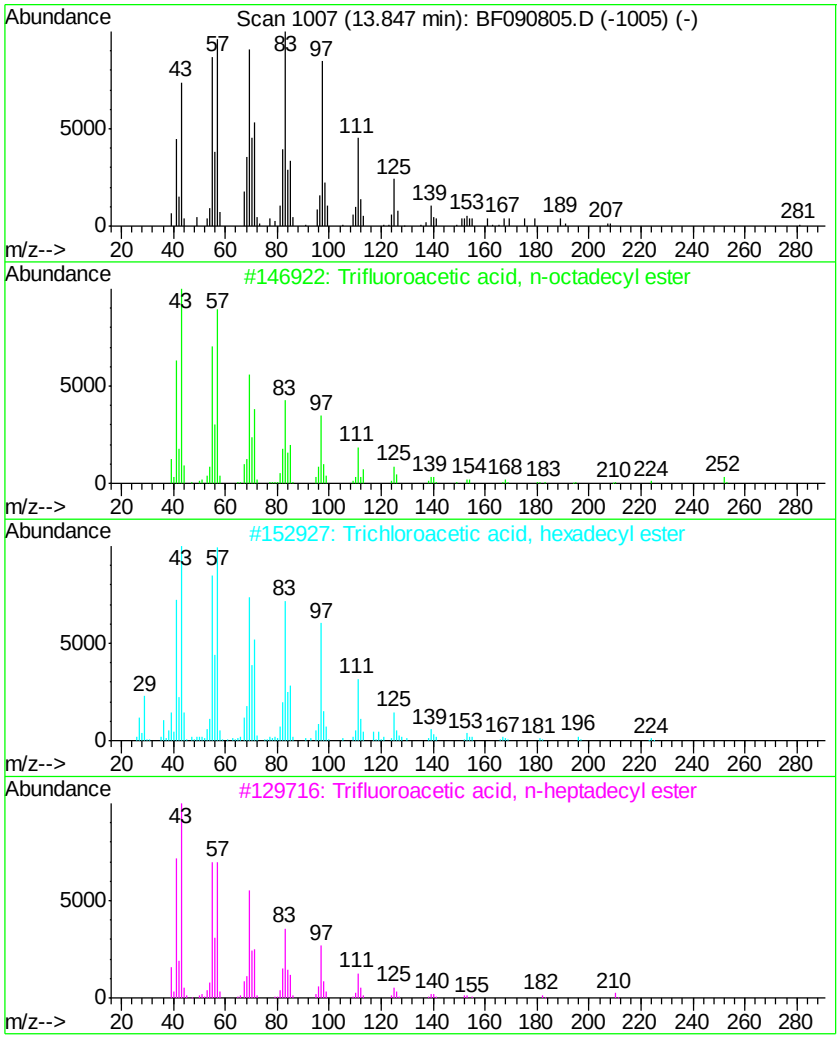
TIC Integration Parameters: LSCINT.P

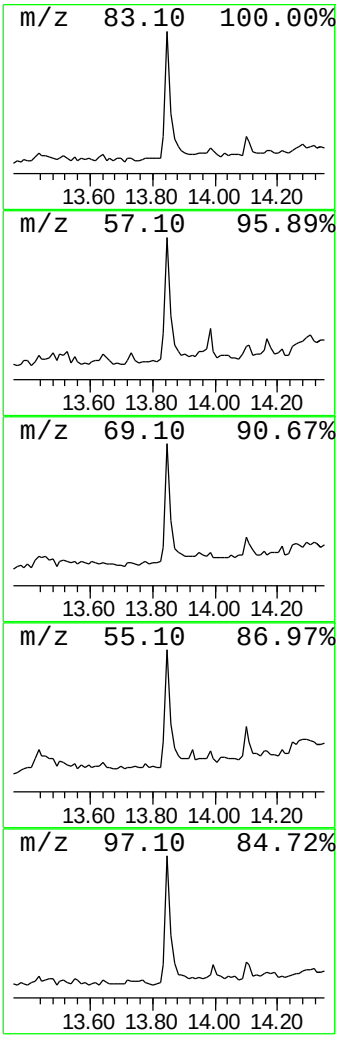
**********

Peak Number 6 Trifluoroacetic acid, n-oct... Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.85 | 2.69 ng | 128314 | Chrysene-d12 | 14.00 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Trifluoroacetic acid, n-octadecv... | 366 | C20H37F3O2 | 079392-43-1 | 91 |
| 2 | Trichloroacetic acid, hexadecyl ... | 386 | C18H33Cl3O2 | 074339-54-1 | 91 |
| 3 | Trifluoroacetic acid, n-heptadec... | 324 | C17H31F3O2 | 1000216-79-2 | 91 |
| 4 | Bromoacetic acid, octadecyl ester | 390 | C20H39BrO2 | 018992-03-5 | 91 |
| 5 | 3-Eicosene, (E)- | 280 | C20H40 | 074685-33-9 | 90 |



Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

| | | | | | Internal Standard | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| 2-Pentanone, 4-hy... | 5.02 | 23.2 | ng | 1144490 | 1 | 6.84 | 988070 | 20.0 |
| unknown6.61 | 6.61 | 116.9 | ng | 5776540 | 1 | 6.84 | 988070 | 20.0 |
| Hexanoic acid, 2-... | 7.51 | 2.7 | ng | 187173 | 2 | 8.12 | 1393410 | 20.0 |
| Hexadecane | 10.78 | 2.1 | ng | 118719 | 4 | 11.36 | 1115890 | 20.0 |
| Trifluoroacetic a... | 13.85 | 2.7 | ng | 128314 | 5 | 14.00 | 954608 | 20.0 |