LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061317\
Data File : BF095907.D
Acq On : 13 Jun 2017 22:23
Operator : SJ/MA
Sample : I3629-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** CLINTON-AVE-SP-COMP-2

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-BF060517.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 | 4.551 | 501 | 504 | 520 | rBV2 | 56896 | 164652 | 9.19% | 1.116% |
| 2 | 5.245 | 618 | 622 | 659 | rBV | 749499 | 1506441 | 84.12% | 10.213% |
| 3 | 6.781 | 880 | 883 | 890 | rBB | 15761 | 19953 | 1.11% | 0.135% |
| 4 | 6.916 | 902 | 906 | 917 | rBV | 878007 | 1379057 | 77.00% | 9.349% |
| 5 | 7.010 | 917 | 922 | 949 | rVB | 1093689 | 1790903 | 100.00% | 12.142% |
| 6 | 7.351 | 976 | 980 | 994 | rVB | 299093 | 405683 | 22.65% | 2.750% |
| 7 | 7.586 | 1015 | 1020 | 1042 | rBV | 933346 | 1230691 | 68.72% | 8.344% |
| 8 | 8.269 | 1131 | 1136 | 1161 | rBV | 587951 | 892915 | 49.86% | 6.054% |
| 9 | 8.510 | 1173 | 1177 | 1183 | rVB | 25419 | 30777 | 1.72% | 0.209% |
| 10 | 9.380 | 1321 | 1325 | 1341 | rBV | 382690 | 536909 | 29.98% | 3.640% |
| 11 | 11.163 | 1622 | 1628 | 1642 | rBV | 1325743 | 1686903 | 94.19% | 11.437% |
| 12 | 11.857 | 1742 | 1746 | 1758 | rVB | 93316 | 129483 | 7.23% | 0.878% |
| 13 | 11.986 | 1764 | 1768 | 1774 | rVB | 13565 | 19335 | 1.08% | 0.131% |
| 14 | 12.198 | 1799 | 1804 | 1810 | rBV2 | 391346 | 520123 | 29.04% | 3.526% |
| 15 | 12.245 | 1810 | 1812 | 1818 | rVB3 | 21173 | 24681 | 1.38% | 0.167% |
| 16 | 13.057 | 1945 | 1950 | 1956 | rBB2 | 26809 | 34736 | 1.94% | 0.235% |
| 17 | 13.498 | 2021 | 2025 | 2041 | rBV | 506982 | 731381 | 40.84% | 4.958% |
| 18 | 13.827 | 2075 | 2081 | 2088 | rBV2 | 18054 | 28499 | 1.59% | 0.193% |
| 19 | 14.598 | 2208 | 2212 | 2216 | rBV | 324674 | 413649 | 23.10% | 2.804% |
| 20 | 14.639 | 2216 | 2219 | 2227 | rVB | 33317 | 52622 | 2.94% | 0.357% |
| 21 | 15.409 | 2347 | 2350 | 2354 | rBV | 16004 | 18698 | 1.04% | 0.127% |
| 22 | 15.456 | 2354 | 2358 | 2365 | rVB | 16235 | 20904 | 1.17% | 0.142% |
| 23 | 15.562 | 2372 | 2376 | 2380 | rBV2 | 16101 | 21836 | 1.22% | 0.148% |
| 24 | 15.615 | 2380 | 2385 | 2388 | rVV4 | 46339 | 64377 | 3.59% | 0.436% |
| 25 | 15.651 | 2388 | 2391 | 2397 | rVB2 | 40408 | 46630 | 2.60% | 0.316% |
| 26 | 16.221 | 2481 | 2488 | 2491 | rBV | 19278 | 24873 | 1.39% | 0.169% |
| 27 | 16.421 | 2519 | 2522 | 2527 | rBV | 43419 | 52092 | 2.91% | 0.353% |
| 28 | 16.721 | 2566 | 2573 | 2584 | rBV | 78054 | 114124 | 6.37% | 0.774% |
| 29 | 16.974 | 2610 | 2616 | 2624 | rVB | 1024394 | 1201329 | 67.08% | 8.145% |
| 30 | 17.198 | 2651 | 2654 | 2659 | rVB3 | 13435 | 18677 | 1.04% | 0.127% |
| 31 | 17.327 | 2673 | 2676 | 2682 | rBV4 | 16141 | 25572 | 1.43% | 0.173% |
| 32 | 17.398 | 2683 | 2688 | 2692 | rVV2 | 38302 | 50198 | 2.80% | 0.340% |
| 33 | 17.539 | 2707 | 2712 | 2716 | rBV | 62109 | 70988 | 3.96% | 0.481% |
| 34 | 17.592 | 2718 | 2721 | 2726 | rBV3 | 20278 | 25605 | 1.43% | 0.174% |

LSC Area Percent Report

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Operator : SJ/MA
Sample : I3629-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** CLINTON-AVE-SP-COMP-2

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-BF060517.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 35 | 18.233 | 2825 | 2830 | 2837 | rBV3 | 56167 | 97837 | 5.46% | 0.663% |
| 36 | 18.315 | 2840 | 2844 | 2849 | rBV | 369325 | 470954 | 26.30% | 3.193% |
| 37 | 19.033 | 2962 | 2966 | 2974 | rBV4 | 30310 | 48767 | 2.72% | 0.331% |
| 38 | 19.462 | 3036 | 3039 | 3044 | rVB4 | 16417 | 20021 | 1.12% | 0.136% |
| 39 | 19.544 | 3050 | 3053 | 3057 | rBV4 | 26142 | 30254 | 1.69% | 0.205% |
| 40 | 19.597 | 3059 | 3062 | 3066 | rVV2 | 24280 | 29929 | 1.67% | 0.203% |
| 41 | 19.750 | 3085 | 3088 | 3089 | rBV2 | 19754 | 18518 | 1.03% | 0.126% |
| 42 | 19.774 | 3089 | 3092 | 3098 | rVB5 | 26532 | 37302 | 2.08% | 0.253% |
| 43 | 19.886 | 3108 | 3111 | 3116 | rBV | 22844 | 35956 | 2.01% | 0.244% |
| 44 | 19.944 | 3118 | 3121 | 3124 | rVV | 27879 | 31101 | 1.74% | 0.211% |
| 45 | 19.986 | 3124 | 3128 | 3138 | rVV | 255570 | 356791 | 19.92% | 2.419% |
| 46 | 20.427 | 3200 | 3203 | 3206 | rBV3 | 24640 | 33240 | 1.86% | 0.225% |
| 47 | 20.468 | 3206 | 3210 | 3215 | rVV3 | 32337 | 58576 | 3.27% | 0.397% |
| 48 | 21.533 | 3385 | 3391 | 3396 | rBV7 | 27160 | 62562 | 3.49% | 0.424% |
| 49 | 22.268 | 3513 | 3516 | 3525 | rVB9 | 30253 | 63044 | 3.52% | 0.427% |

Sum of corrected areas: 14750148

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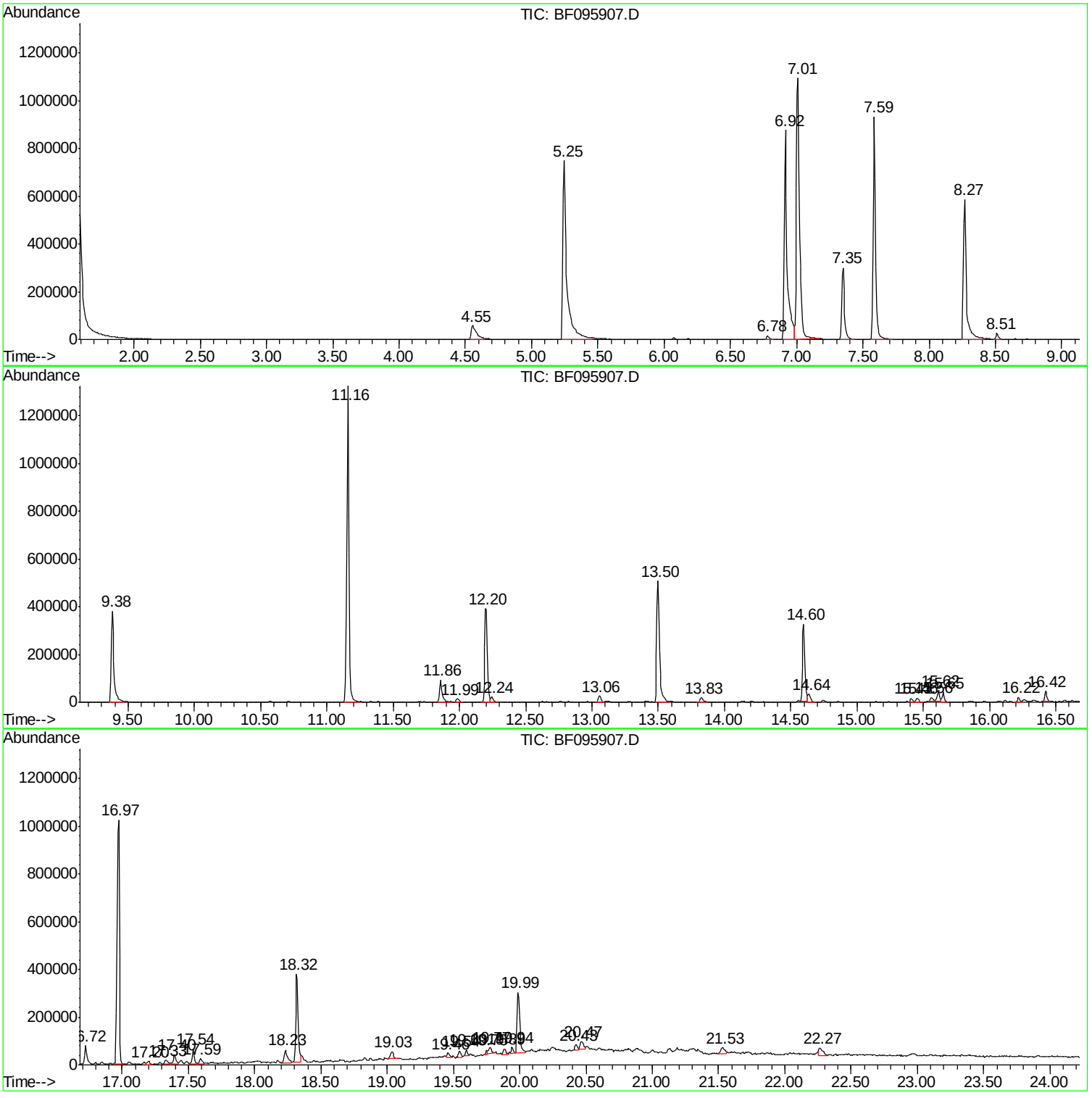
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
CLINTON-AVE-SP-COMP-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF061317\
Data File : BF095907.D
Acq On : 13 Jun 2017 22:23
Operator : SJ/MA
Sample : I3629-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** CLINTON-AVE-SP-COMP-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

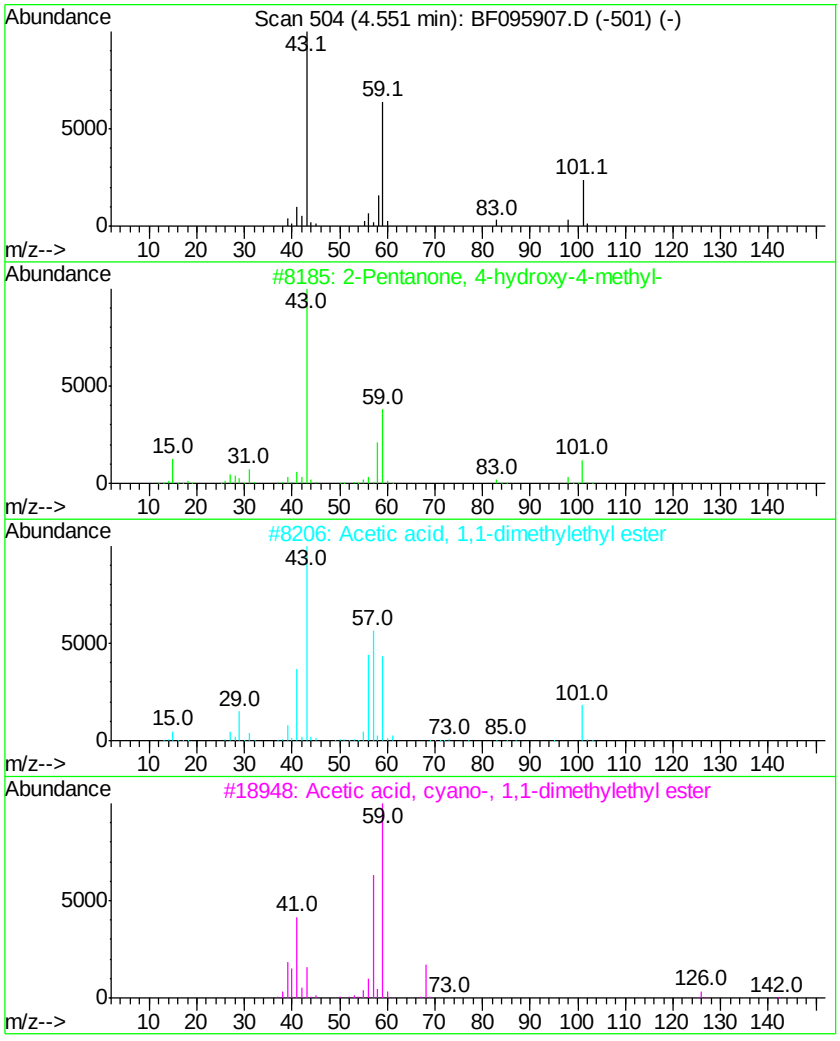
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

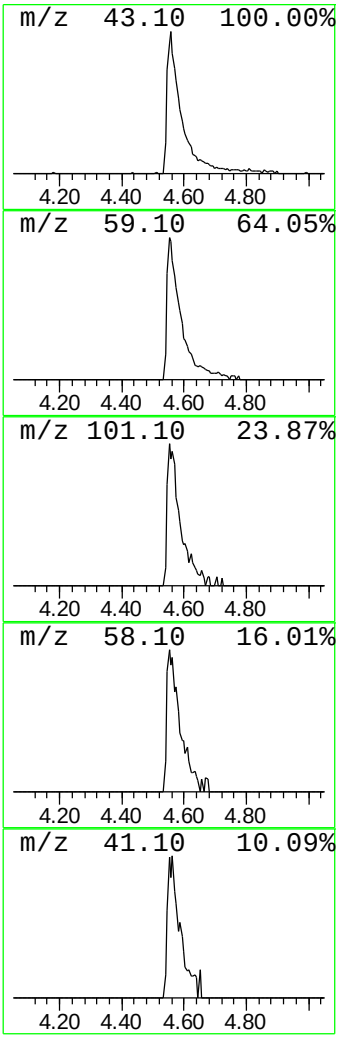
**********

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 4.55 | 8.12 ng | 164652 | 1,4-Dichlorobenzene-d4 | 7.35 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2 | 000123-42-2 | 56 |
| 2 | Acetic acid, 1,1-dimethylethyl e... | 116 | C6H12O2 | 000540-88-5 | 39 |
| 3 | Acetic acid, cyano-, 1,1-dimethy... | 141 | C7H11NO2 | 001116-98-9 | 23 |
| 4 | Acetone | 58 | C3H6O | 000067-64-1 | 9 |
| 5 | Butane, 1-ethoxy- | 102 | C6H14O | 000628-81-9 | 9 |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF061317\
Data File : BF095907.D
Acq On : 13 Jun 2017 22:23
Operator : SJ/MA
Sample : I3629-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
CLINTON-AVE-SP-COMP-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

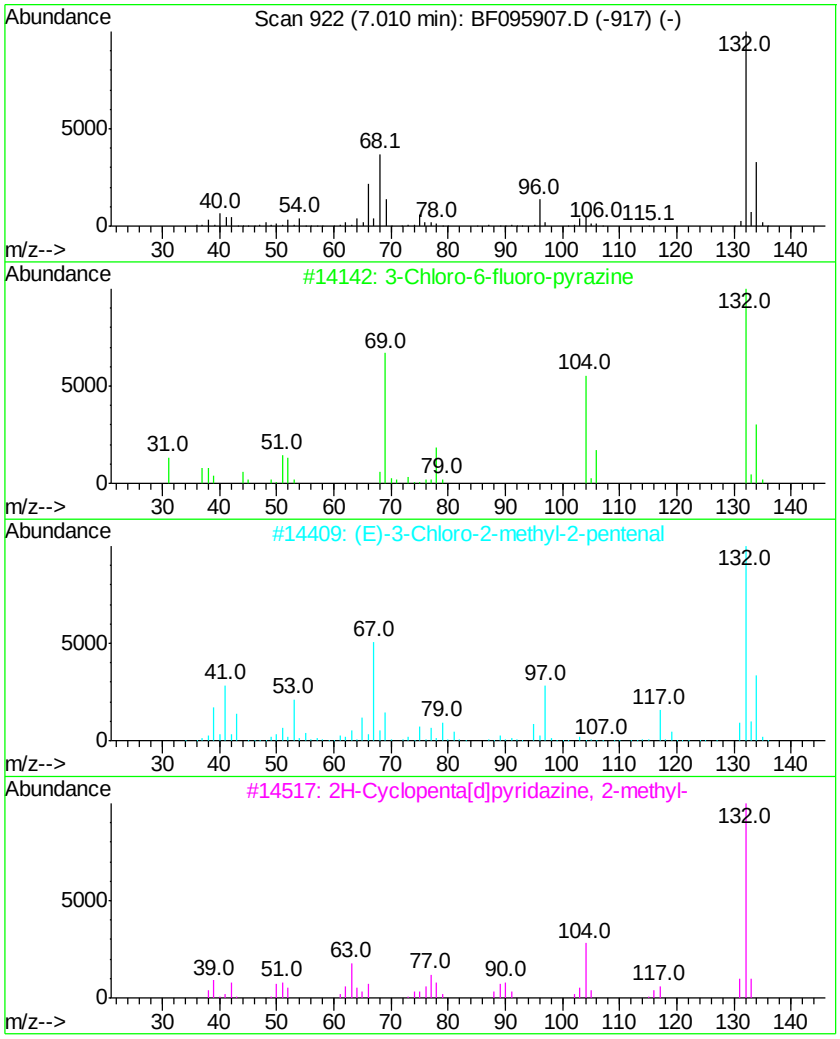
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

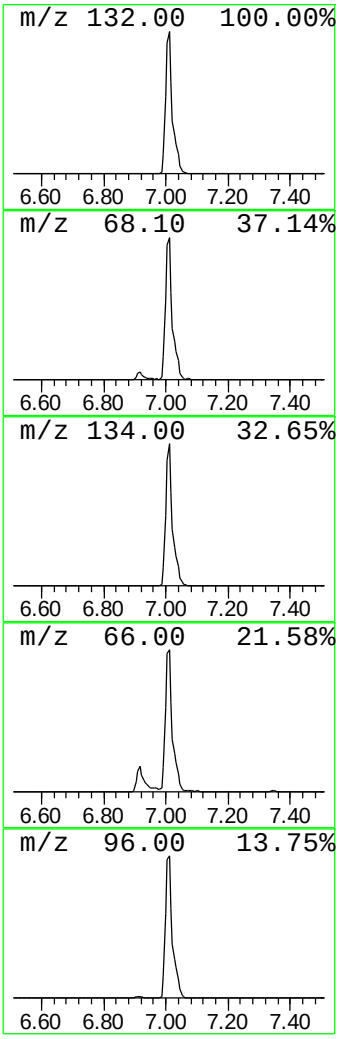
**********

Peak Number 2 unknown7.01 Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.01 | 88.29 ng | 1790900 | 1,4-Dichlorobenzene-d4 | 7.35 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 3-Chloro-6-fluoro-pyrazine | 132 | C4H2ClFN2 | 1000146-10-7 | 38 |
| 2 | (E)-3-Chloro-2-methyl-2-pentenal | 132 | C6H9ClO | 031357-76-3 | 25 |
| 3 | 2H-Cyclopenta[d]pyridazine, 2-me... | 132 | C8H8N2 | 022291-85-6 | 9 |
| 4 | Xenon | 132 | Xe | 007440-63-3 | 9 |
| 5 | 4-Methylpyrrolo[1,2-a]pyrazine | 132 | C8H8N2 | 064608-60-2 | 9 |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF061317\
Data File : BF095907.D
Acq On : 13 Jun 2017 22:23
Operator : SJ/MA
Sample : I3629-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** CLINTON-AVE-SP-COMP-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

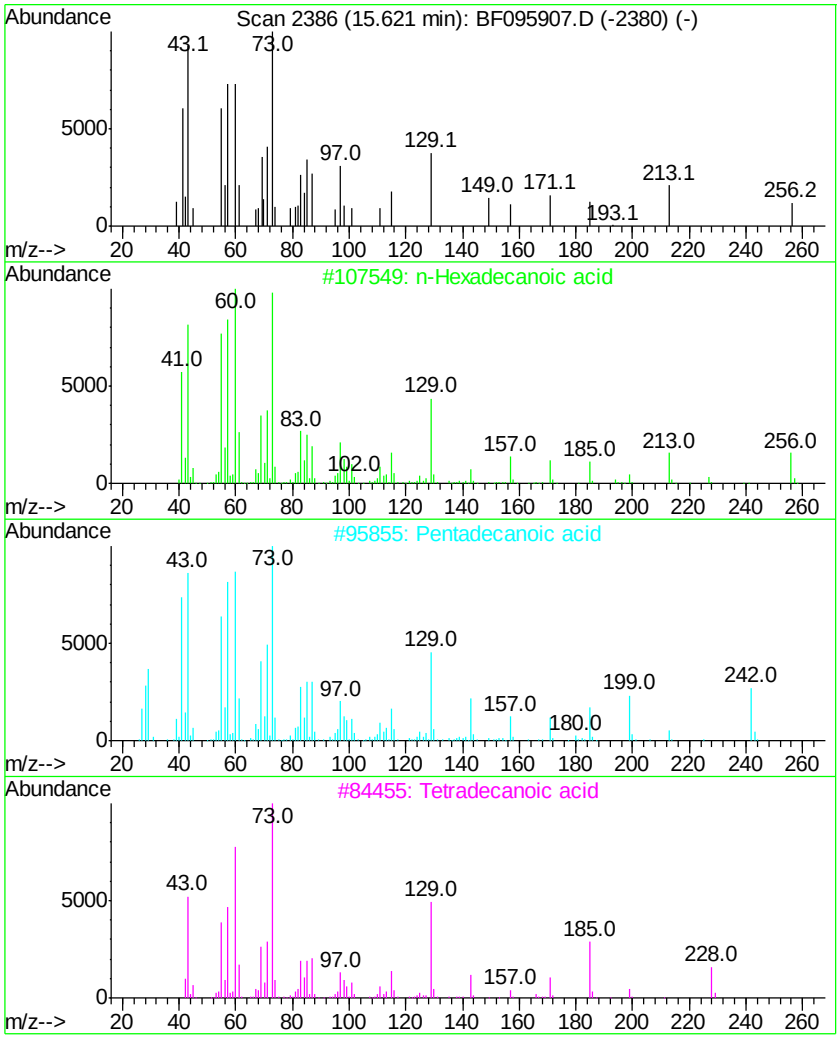
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

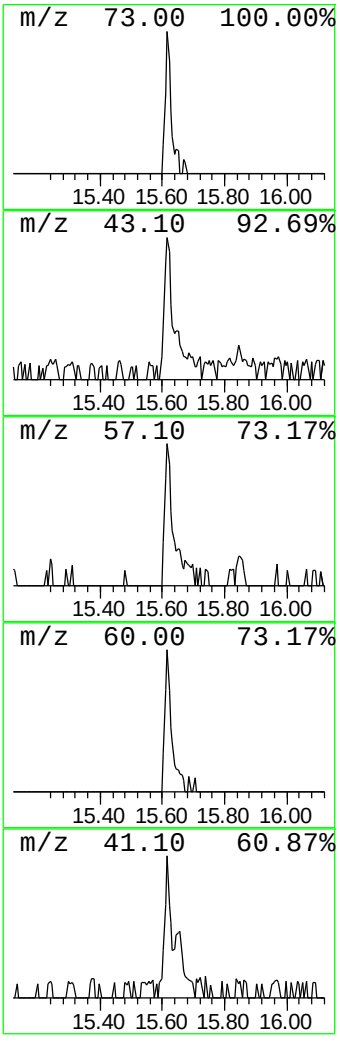
**********

Peak Number 4 n-Hexadecanoic acid Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.62 | 3.11 ng | 64377 | Phenanthrene-d10 | 14.60 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 95 |
| 2 | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 87 |
| 3 | Tetradecanoic acid | 228 | C14H28O2 | 000544-63-8 | 59 |
| 4 | n-Decanoic acid | 172 | C10H20O2 | 000334-48-5 | 53 |
| 5 | Tridecanoic acid | 214 | C13H26O2 | 000638-53-9 | 43 |



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Data File : BF095907.D
Acq On : 13 Jun 2017 22:23
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Sample : I3629-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
CLINTON-AVE-SP-COMP-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

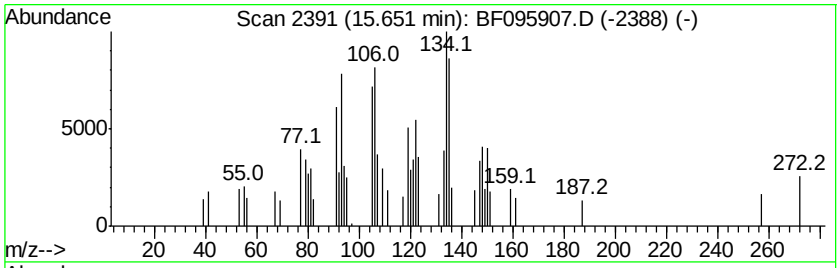
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

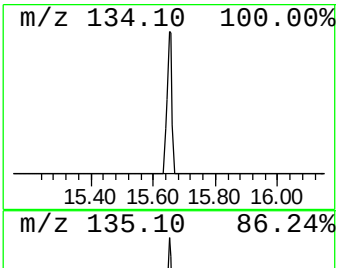
**********

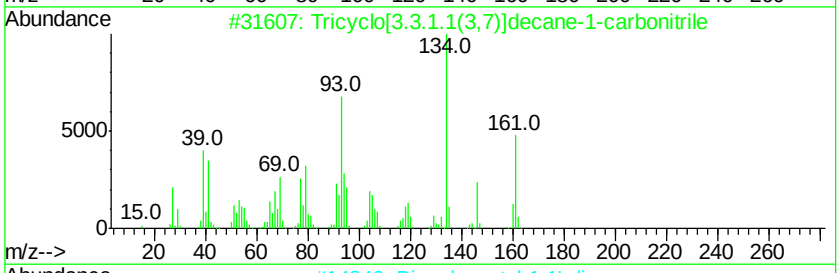
Peak Number 5 unknown15.65 Concentration Rank 10

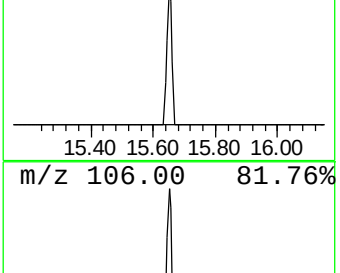
| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.65 | 2.25 ng | 46630 | Phenanthrene-d10 | 14.60 |

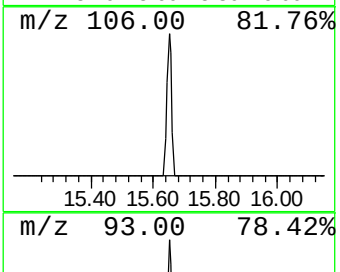
| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tricyclo[3.3.1.1(3,7)]decane-1-c... | 161 | C11H15N | 023074-42-2 | 22 |
| 2 | Bicyclopentyl-1,1'-diene | 134 | C10H14 | 000934-02-1 | 14 |
| 3 | 2-Allylphenol | 134 | C9H10O | 001745-81-9 | 14 |
| 4 | cis-1-Chloro-1,2-dimethylsilacyc... | 162 | C7H15ClSi | 101772-60-5 | 14 |
| 5 | 1-(3-Methyl-2-pyrazinyl)-1-propa... | 150 | C8H10N2O | 1000108-94-4 | 14 |

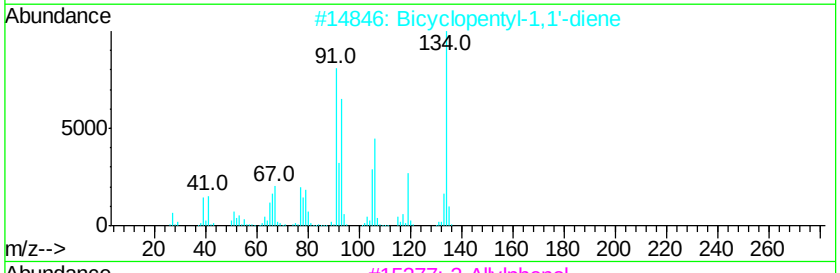


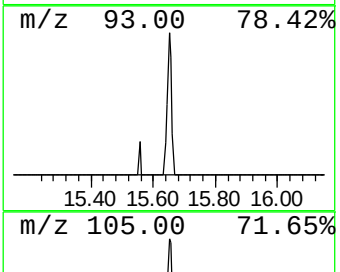



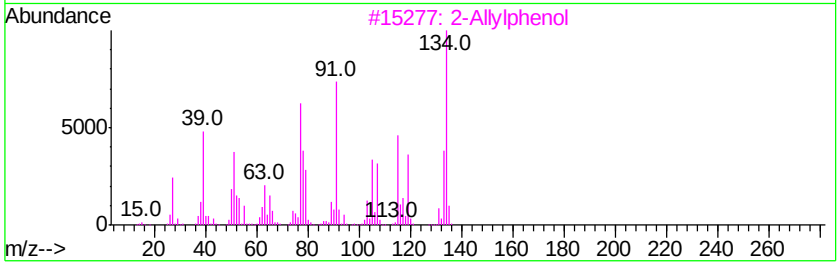



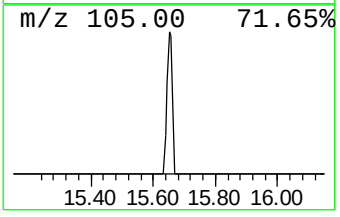



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**Instrument :** BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

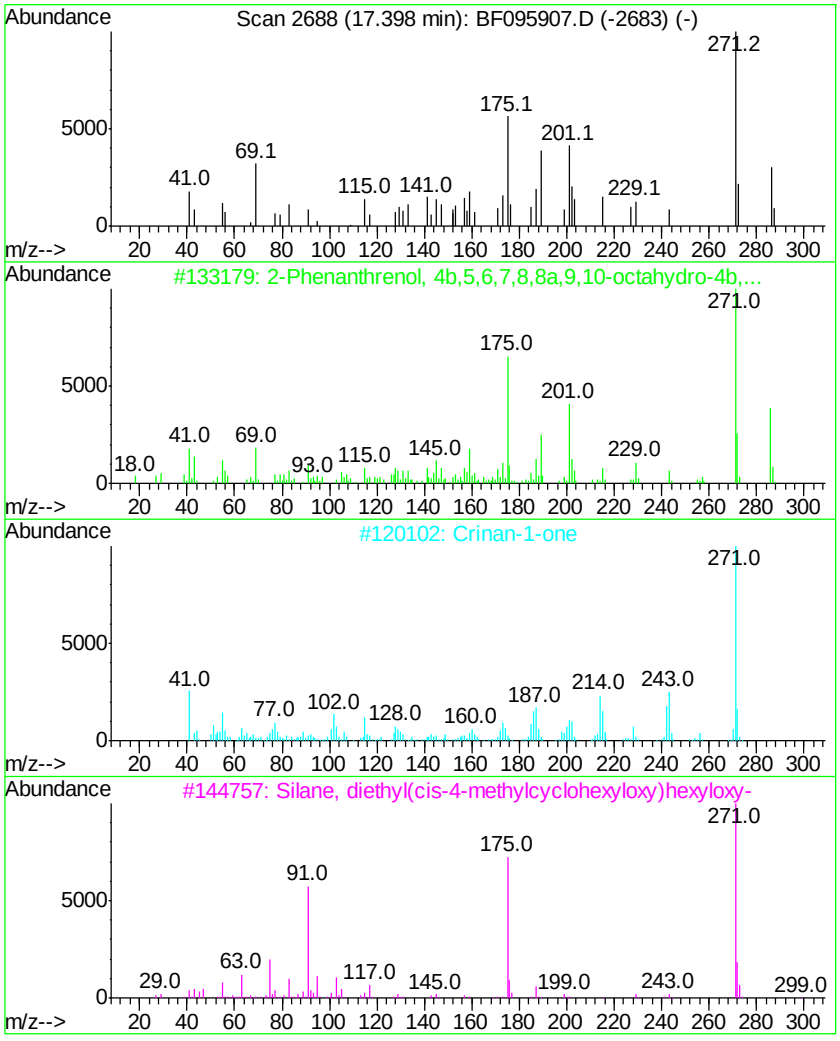
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

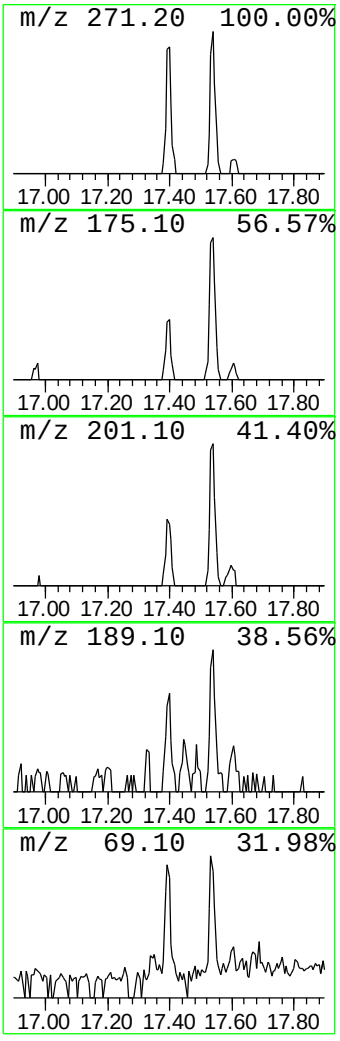
**********

Peak Number 6 2-Phenanthrenol, 4b,5,6,7,8... Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.40 | 2.13 ng | 50198 | Chrysene-d12 | 18.32 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Phenanthrenol, 4b,5,6,7,8,8a,9... | 286 | C20H30O | 000511-15-9 | 96 |
| 2 | Crinan-1-one | 271 | C16H17NO3 | 098301-98-5 | 35 |
| 3 | Silane, diethyl(cis-4-methylcycl... | 300 | C17H36O2Si | 1000363-55-2 | 32 |
| 4 | 1-Phenanthrenemethanol, 1,2,3,4,... | 286 | C20H30O | 024035-43-6 | 27 |
| 5 | Crinan-1-ol, 2,3-didehydro-,(1.a... | 271 | C16H17NO3 | 1000111-31-3 | 27 |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF061317\
Data File : BF095907.D
Acq On : 13 Jun 2017 22:23
Operator : SJ/MA
Sample : I3629-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
CLINTON-AVE-SP-COMP-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

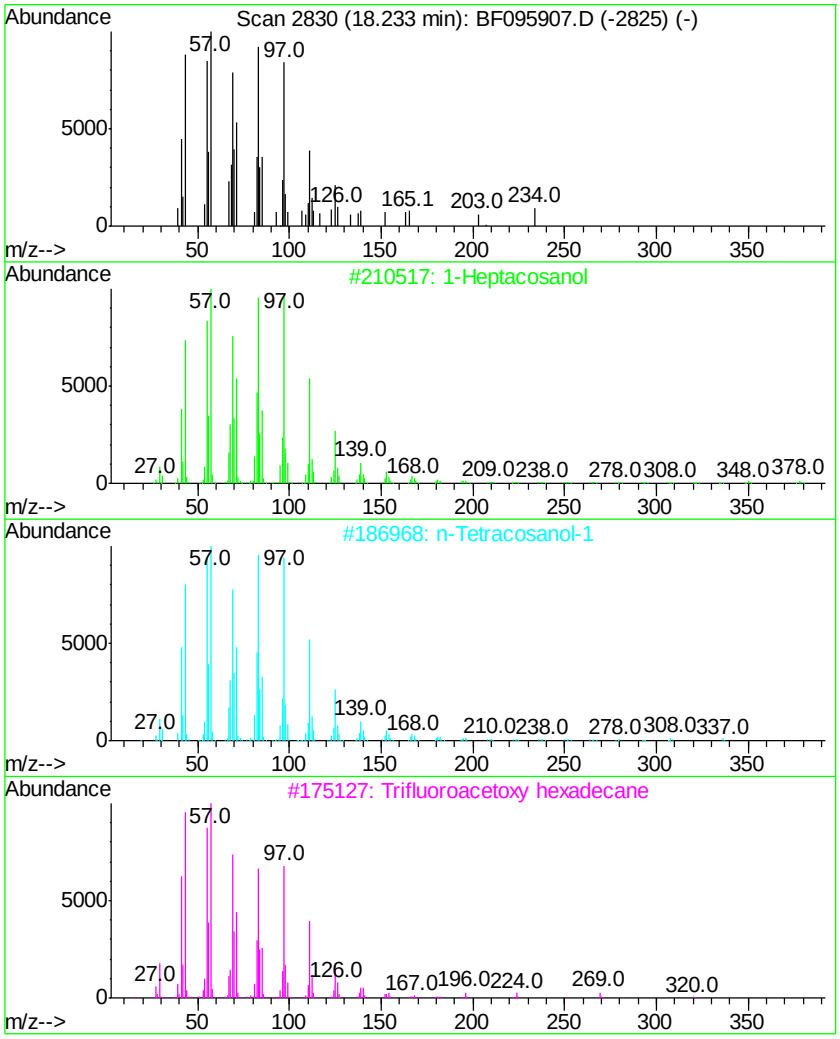
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

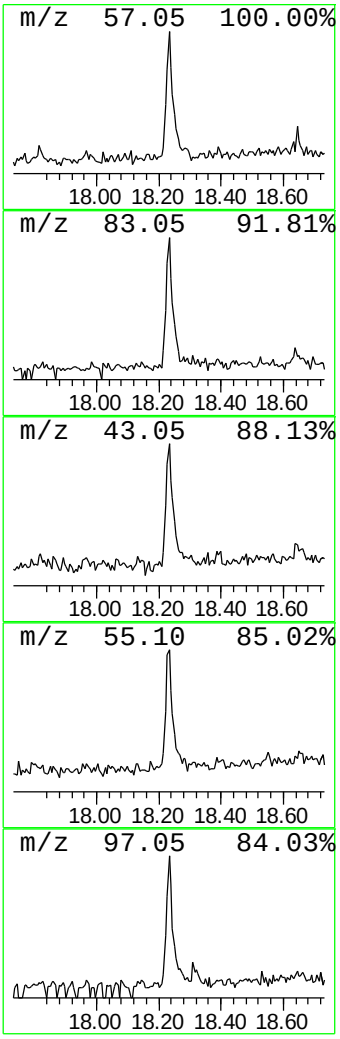
**********

Peak Number 8 1-Heptacosanol Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.23 | 4.15 ng | 97837 | Chrysene-d12 | 18.32 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Heptacosanol | 396 | C27H56O | 002004-39-9 | 95 |
| 2 | n-Tetracosanol-1 | 354 | C24H50O | 000506-51-4 | 94 |
| 3 | Trifluoroacetoxy hexadecane | 338 | C18H33F3O2 | 006222-03-3 | 94 |
| 4 | Behenic alcohol | 326 | C22H46O | 000661-19-8 | 93 |
| 5 | Pentafluoropropionic acid, tetra... | 360 | C17H29F5O2 | 006222-06-6 | 91 |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF061317\
Data File : BF095907.D
Acq On : 13 Jun 2017 22:23
Operator : SJ/MA
Sample : I3629-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
CLINTON-AVE-SP-COMP-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.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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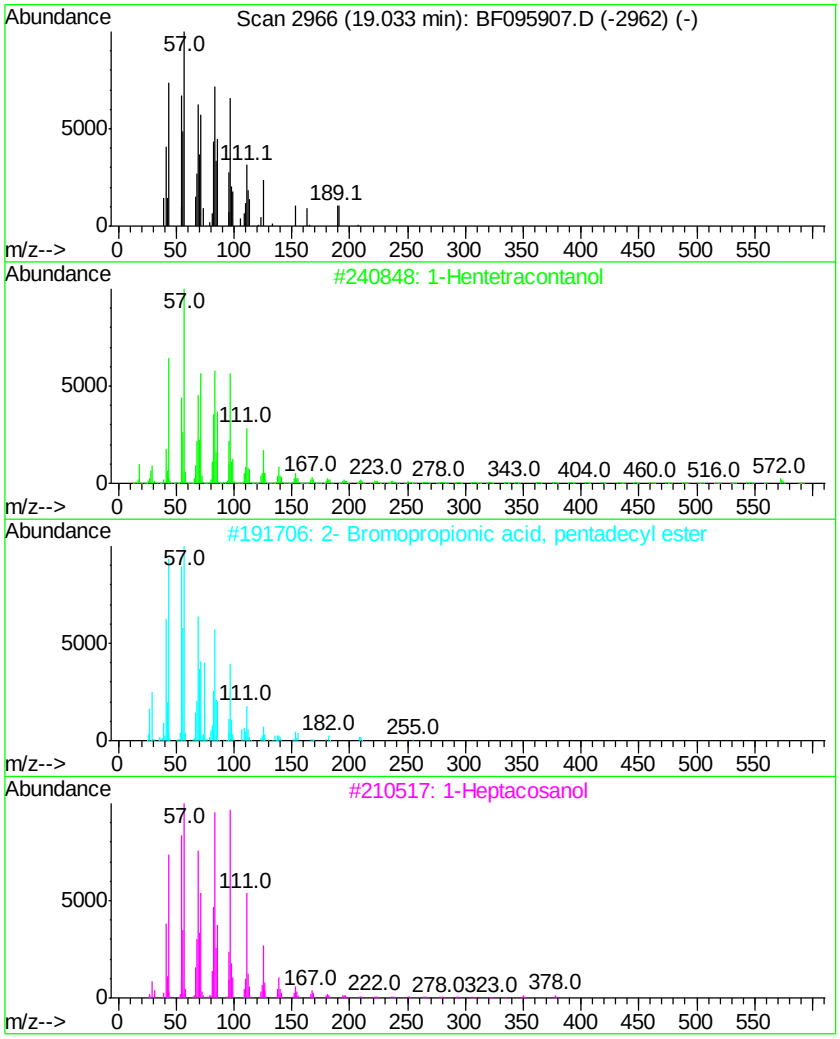
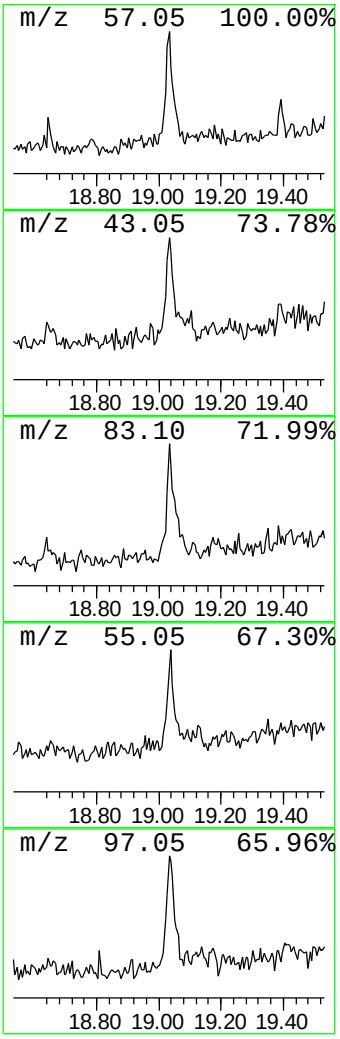
Peak Number 9 1-Hentetracontanol Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.03 | 2.07 ng | 48767 | Chrysene-d12 | 18.32 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Hentetracontanol | 593 | C41H84O | 040710-42-7 | 86 |
| 2 | 2- Bromopropionic acid, pentadec... | 362 | C18H35BrO2 | 1000292-44-2 | 80 |
| 3 | 1-Heptacosanol | 396 | C27H56O | 002004-39-9 | 72 |
| 4 | Dichloroacetic acid, tetradecyl ... | 324 | C16H30Cl2O2 | 083005-02-1 | 72 |
| 5 | n-Pentadecanol | 228 | C15H32O | 000629-76-5 | 68 |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF061317\
Data File : BF095907.D
Acq On : 13 Jun 2017 22:23
Operator : SJ/MA
Sample : I3629-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** CLINTON-AVE-SP-COMP-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.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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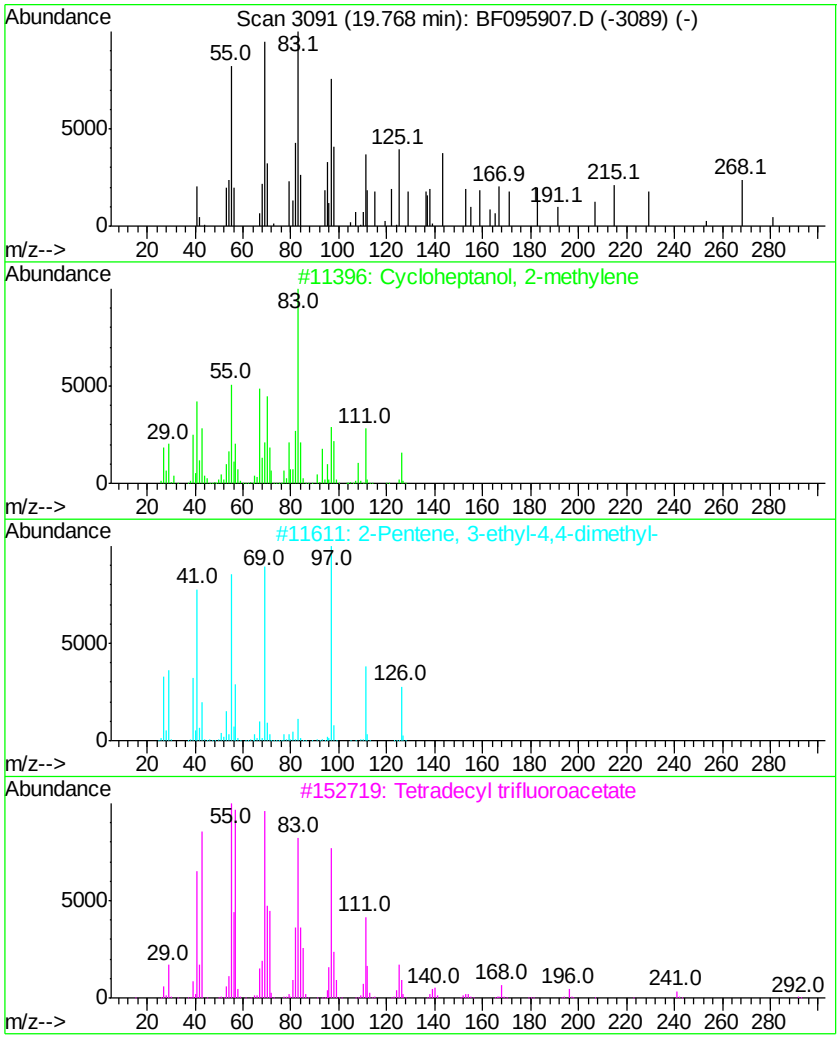
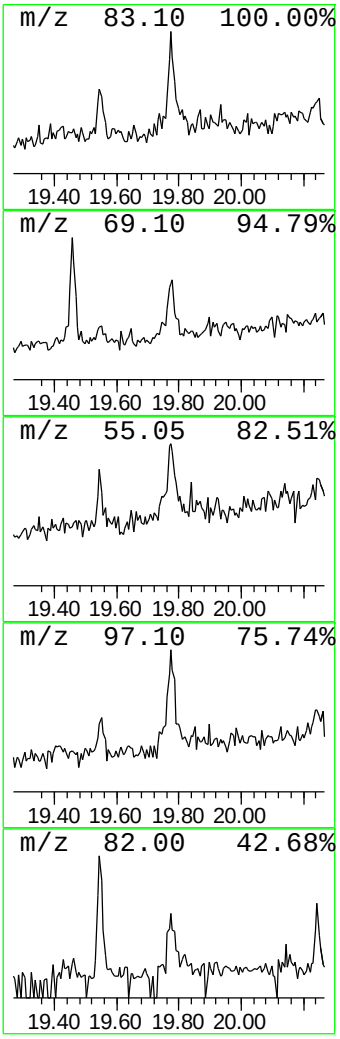
Peak Number 10 unknown19.77 Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.77 | 2.09 ng | 37302 | Perylene-d12 | 19.99 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cycloheptanol, 2-methylene | 126 | C8H14O | 016240-38-3 | 47 |
| 2 | 2-Pentene, 3-ethyl-4,4-dimethyl- | 126 | C9H18 | 053907-59-8 | 38 |
| 3 | Tetradecyl trifluoroacetate | 310 | C16H29F3O2 | 006222-02-2 | 38 |
| 4 | Cyclohexanecarboxylic acid, 4-pe... | 292 | C18H25FO2 | 079912-83-7 | 35 |
| 5 | Cyclohexanecarboxylic acid, 2-et... | 240 | C15H28O2 | 016397-74-3 | 27 |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF061317\
Data File : BF095907.D
Acq On : 13 Jun 2017 22:23
Operator : SJ/MA
Sample : I3629-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** CLINTON-AVE-SP-COMP-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.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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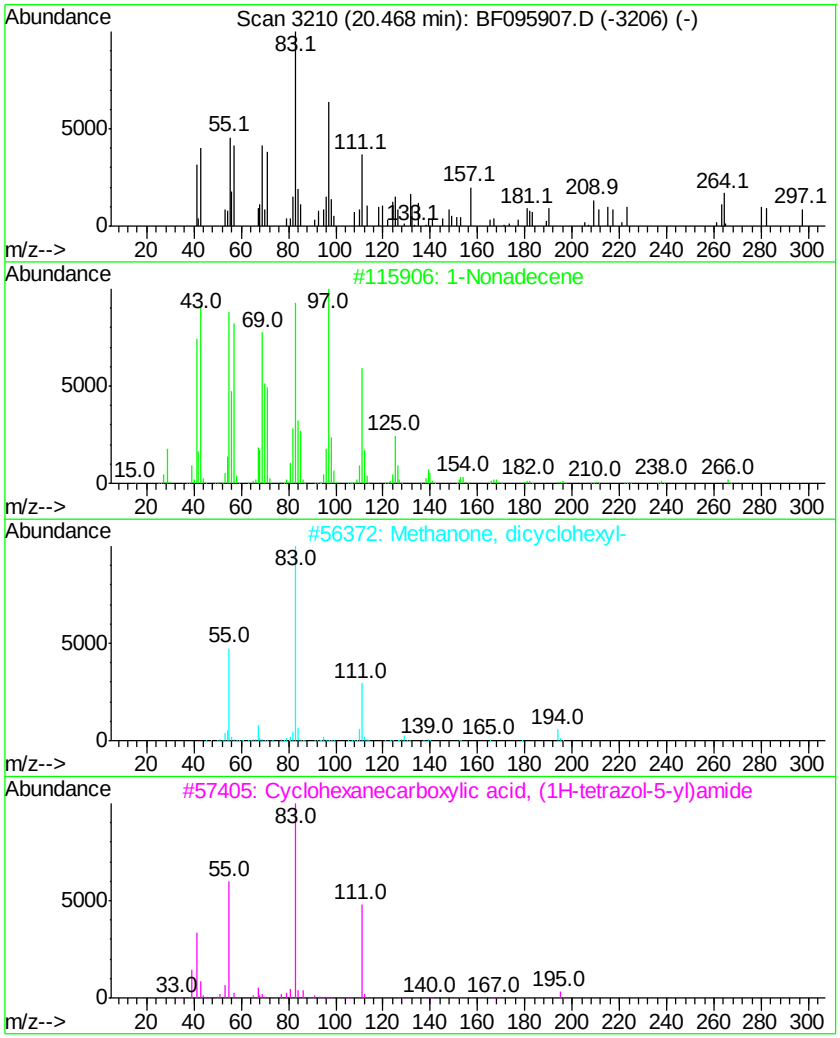
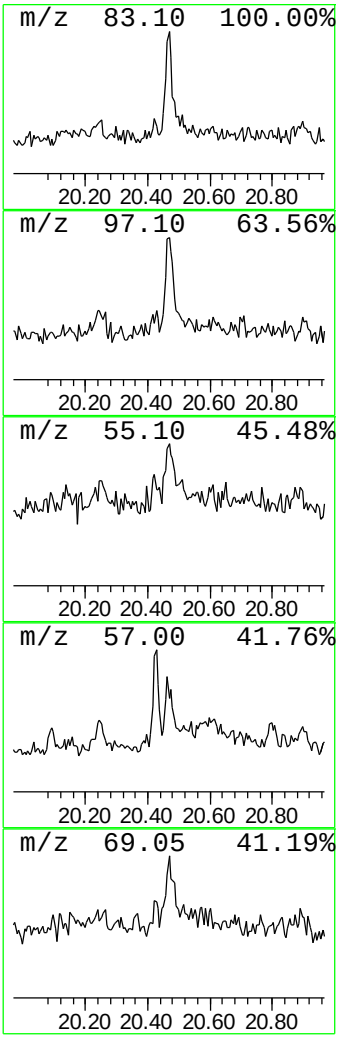
Peak Number 12 unknown20.47 Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.47 | 3.28 ng | 58576 | Perylene-d12 | 19.99 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Nonadecene | 266 | C19H38 | 018435-45-5 | 43 |
| 2 | Methanone, dicyclohexyl- | 194 | C13H22O | 000119-60-8 | 35 |
| 3 | Cyclohexanecarboxylic acid, (1H-... | 195 | C8H13N5O | 1000310-78-1 | 35 |
| 4 | 1-Butanone, 1-cyclohexyl- | 154 | C10H18O | 001462-27-7 | 35 |
| 5 | Cyclohexane, (2-bromoethyl)- | 190 | C8H15Br | 001647-26-3 | 35 |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF061317\
Data File : BF095907.D
Acq On : 13 Jun 2017 22:23
Operator : SJ/MA
Sample : I3629-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
CLINTON-AVE-SP-COMP-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.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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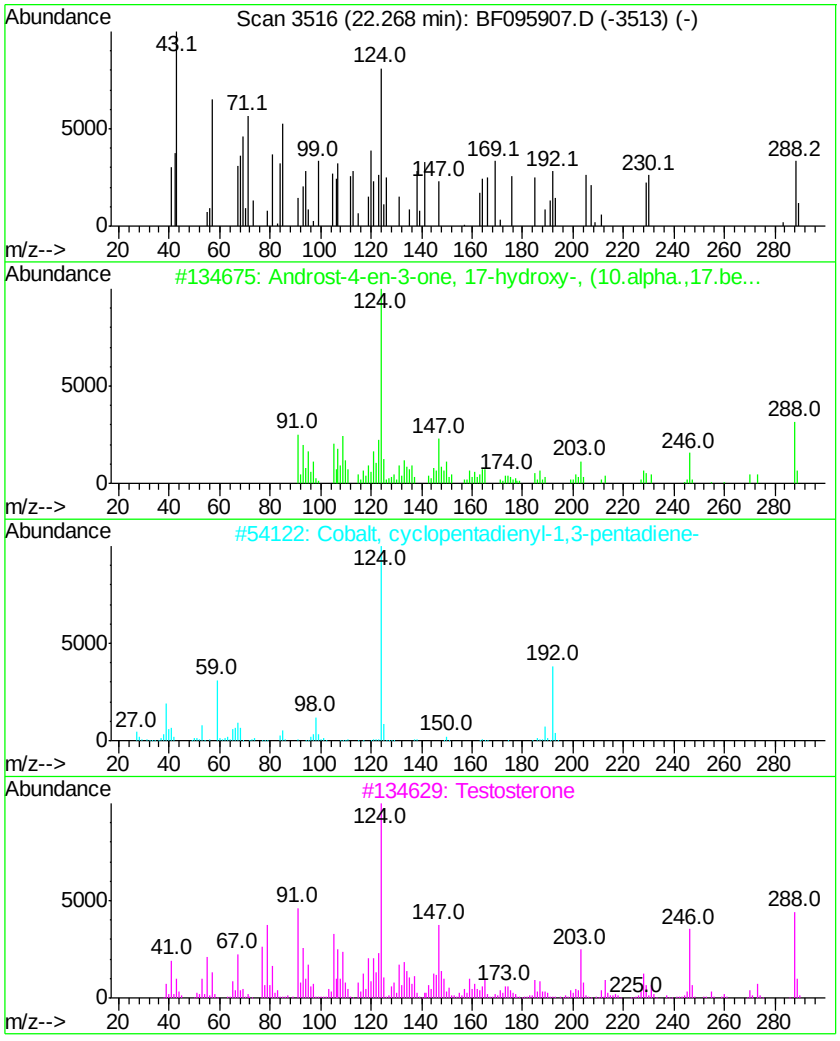
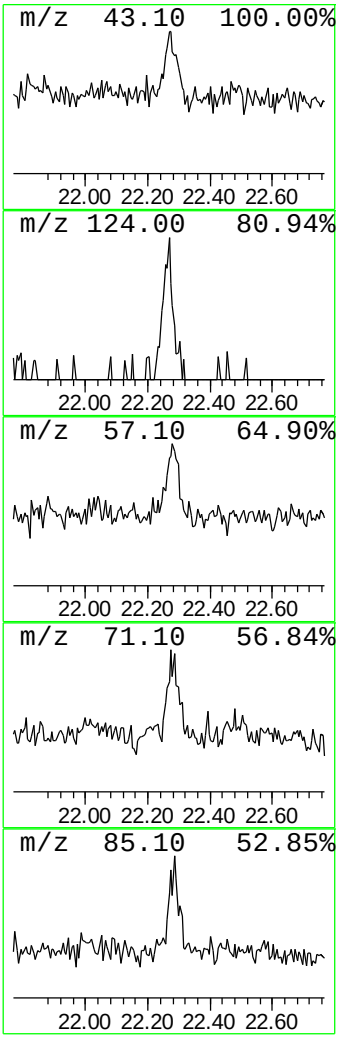
Peak Number 14 unknown22.27 Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 22.27 | 3.53 ng | 63044 | Perylene-d12 | 19.99 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Androst-4-en-3-one, 17-hydroxy-,... | 288 | C19H28O2 | 000604-39-7 | 42 |
| 2 | Cobalt, cyclopentadienyl-1,3-pen... | 192 | C10H13Co | 094792-01-5 | 25 |
| 3 | Testosterone | 288 | C19H28O2 | 000058-22-0 | 25 |
| 4 | Atropine | 289 | C17H23NO3 | 000051-55-8 | 18 |
| 5 | Benzoylecgonine | 289 | C16H19NO4 | 000519-09-5 | 18 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061317\
Data File : BF095907.D
Acq On : 13 Jun 2017 22:23
Operator : SJ/MA
Sample : I3629-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** CLINTON-AVE-SP-COMP-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

| | | | | | Internal Standard | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| 2-Pentanone, 4-hy... | 4.55 | 8.1 | ng | 164652 | 1 | 7.35 | 405683 | 20.0 |
| unknown7.01 | 7.01 | 88.3 | ng | 1790900 | 1 | 7.35 | 405683 | 20.0 |
| n-Hexadecanoic acid | 15.62 | 3.1 | ng | 64377 | 4 | 14.60 | 413649 | 20.0 |
| unknown15.65 | 15.65 | 2.3 | ng | 46630 | 4 | 14.60 | 413649 | 20.0 |
| 2-Phenanthrenol, ... | 17.40 | 2.1 | ng | 50198 | 5 | 18.32 | 470954 | 20.0 |
| 1-Heptacosanol | 18.23 | 4.2 | ng | 97837 | 5 | 18.32 | 470954 | 20.0 |
| 1-Hentetracontanol | 19.03 | 2.1 | ng | 48767 | 5 | 18.32 | 470954 | 20.0 |
| unknown19.77 | 19.77 | 2.1 | ng | 37302 | 6 | 19.99 | 356791 | 20.0 |
| unknown20.47 | 20.47 | 3.3 | ng | 58576 | 6 | 19.99 | 356791 | 20.0 |
| unknown22.27 | 22.27 | 3.5 | ng | 63044 | 6 | 19.99 | 356791 | 20.0 |