

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050416\  
 Data File : BF086687.D  
 Acq On : 4 May 2016 20:11  
 Operator : UM/SJ  
 Sample : H2715-02  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 26WARD-3-CS-8(12-25FTBGS)

Integration Parameters: rteint.p  
 Integrator: RTE  
 Smoothing : ON  
 Sampling : 1  
 Start Thrs: 0.2  
 Stop Thrs : 0  
 Filtering: 5  
 Min Area: 3 % of largest Peak  
 Max Peaks: 100  
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
 Peak separation: 5

Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF050416.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

| peak<br># | R.T.<br>min | first<br>scan | max<br>scan | last<br>scan | PK<br>TY | peak<br>height | corr.<br>area | corr.<br>% max. | % of<br>total |
|-----------|-------------|---------------|-------------|--------------|----------|----------------|---------------|-----------------|---------------|
| 1         | 4.910       | 245           | 247         | 254          | rBV      | 137557         | 225971        | 4.09%           | 0.476%        |
| 2         | 5.333       | 281           | 284         | 286          | rBV      | 4934427        | 5277865       | 95.61%          | 11.124%       |
| 3         | 6.384       | 373           | 376         | 379          | rBV      | 4375679        | 5055488       | 91.58%          | 10.655%       |
| 4         | 6.510       | 384           | 387         | 389          | rBV      | 5111407        | 5520118       | 100.00%         | 11.635%       |
| 5         | 6.739       | 405           | 407         | 409          | rBV      | 1081634        | 1048659       | 19.00%          | 2.210%        |
| 6         | 6.899       | 418           | 421         | 423          | rBV      | 3256747        | 4083993       | 73.98%          | 8.608%        |
| 7         | 7.310       | 453           | 457         | 459          | rBV      | 3021784        | 3738281       | 67.72%          | 7.879%        |
| 8         | 7.344       | 459           | 460         | 463          | rVB      | 65799          | 76482         | 1.39%           | 0.161%        |
| 9         | 7.767       | 494           | 497         | 501          | rBV2     | 32311          | 61742         | 1.12%           | 0.130%        |
| 10        | 8.019       | 517           | 519         | 522          | rBV      | 1193412        | 1330898       | 24.11%          | 2.805%        |
| 11        | 8.625       | 570           | 572         | 574          | rBV      | 86890          | 82121         | 1.49%           | 0.173%        |
| 12        | 9.105       | 611           | 614         | 616          | rBV      | 5155250        | 5103327       | 92.45%          | 10.756%       |
| 13        | 9.185       | 619           | 621         | 624          | rVB      | 97287          | 122198        | 2.21%           | 0.258%        |
| 14        | 9.379       | 634           | 638         | 640          | rBV2     | 41071          | 58428         | 1.06%           | 0.123%        |
| 15        | 9.436       | 640           | 643         | 646          | rBV3     | 37416          | 74345         | 1.35%           | 0.157%        |
| 16        | 9.493       | 646           | 648         | 650          | rBV      | 482433         | 539523        | 9.77%           | 1.137%        |
| 17        | 9.722       | 666           | 668         | 670          | rBV      | 202589         | 213071        | 3.86%           | 0.449%        |
| 18        | 9.779       | 670           | 673         | 674          | rVV      | 1050135        | 1335180       | 24.19%          | 2.814%        |
| 19        | 9.802       | 674           | 675         | 681          | rVB      | 61077          | 75497         | 1.37%           | 0.159%        |
| 20        | 9.950       | 684           | 688         | 689          | rBV3     | 42745          | 74370         | 1.35%           | 0.157%        |
| 21        | 10.213      | 709           | 711         | 713          | rVB      | 299872         | 264447        | 4.79%           | 0.557%        |
| 22        | 10.316      | 719           | 720         | 724          | rBV2     | 40571          | 58733         | 1.06%           | 0.124%        |
| 23        | 10.430      | 727           | 730         | 733          | rBV      | 119920         | 211959        | 3.84%           | 0.447%        |
| 24        | 10.568      | 739           | 742         | 744          | rBV2     | 2124719        | 2994247       | 54.24%          | 6.311%        |
| 25        | 10.693      | 751           | 753         | 757          | rVB      | 256912         | 459861        | 8.33%           | 0.969%        |
| 26        | 10.888      | 767           | 770         | 771          | rBV      | 33762          | 62355         | 1.13%           | 0.131%        |
| 27        | 11.139      | 790           | 792         | 793          | rBV      | 131780         | 160820        | 2.91%           | 0.339%        |
| 28        | 11.253      | 800           | 802         | 806          | rBV2     | 1165057        | 1382220       | 25.04%          | 2.913%        |
| 29        | 11.322      | 806           | 808         | 811          | rVB2     | 45321          | 94790         | 1.72%           | 0.200%        |
| 30        | 11.562      | 827           | 829         | 830          | rBV      | 88954          | 75219         | 1.36%           | 0.159%        |
| 31        | 11.791      | 847           | 849         | 851          | rBV3     | 148598         | 205349        | 3.72%           | 0.433%        |
| 32        | 11.859      | 854           | 855         | 860          | rVB2     | 61002          | 124456        | 2.25%           | 0.262%        |
| 33        | 11.962      | 863           | 864         | 869          | rVB      | 53676          | 66474         | 1.20%           | 0.140%        |
| 34        | 12.305      | 892           | 894         | 897          | rBV      | 139805         | 215692        | 3.91%           | 0.455%        |

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Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
26WARD-3-CS-8(12-25FTBGS)

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-BF050416.M  
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 35 | 12.351 | 897  | 898  | 900  | rVB  | 56689   | 67609   | 1.22%  | 0.143% |
| 36 | 12.465 | 906  | 908  | 910  | rBV  | 255371  | 299405  | 5.42%  | 0.631% |
| 37 | 12.579 | 916  | 918  | 920  | rBV2 | 82116   | 94668   | 1.71%  | 0.200% |
| 38 | 12.682 | 925  | 927  | 929  | rBV  | 206554  | 306858  | 5.56%  | 0.647% |
| 39 | 12.728 | 929  | 931  | 932  | rVB2 | 63378   | 64442   | 1.17%  | 0.136% |
| 40 | 12.842 | 938  | 941  | 943  | rBV  | 3536307 | 3481080 | 63.06% | 7.337% |
| 41 | 13.082 | 960  | 962  | 964  | rBV  | 86694   | 83863   | 1.52%  | 0.177% |
| 42 | 13.425 | 990  | 992  | 993  | rVB  | 64418   | 60236   | 1.09%  | 0.127% |
| 43 | 13.745 | 1018 | 1020 | 1024 | rVB2 | 179825  | 240827  | 4.36%  | 0.508% |
| 44 | 13.882 | 1029 | 1032 | 1037 | rBV  | 896786  | 1232945 | 22.34% | 2.599% |
| 45 | 14.648 | 1096 | 1099 | 1101 | rBV2 | 202045  | 375490  | 6.80%  | 0.791% |
| 46 | 15.277 | 1152 | 1154 | 1157 | rBV  | 539702  | 663302  | 12.02% | 1.398% |

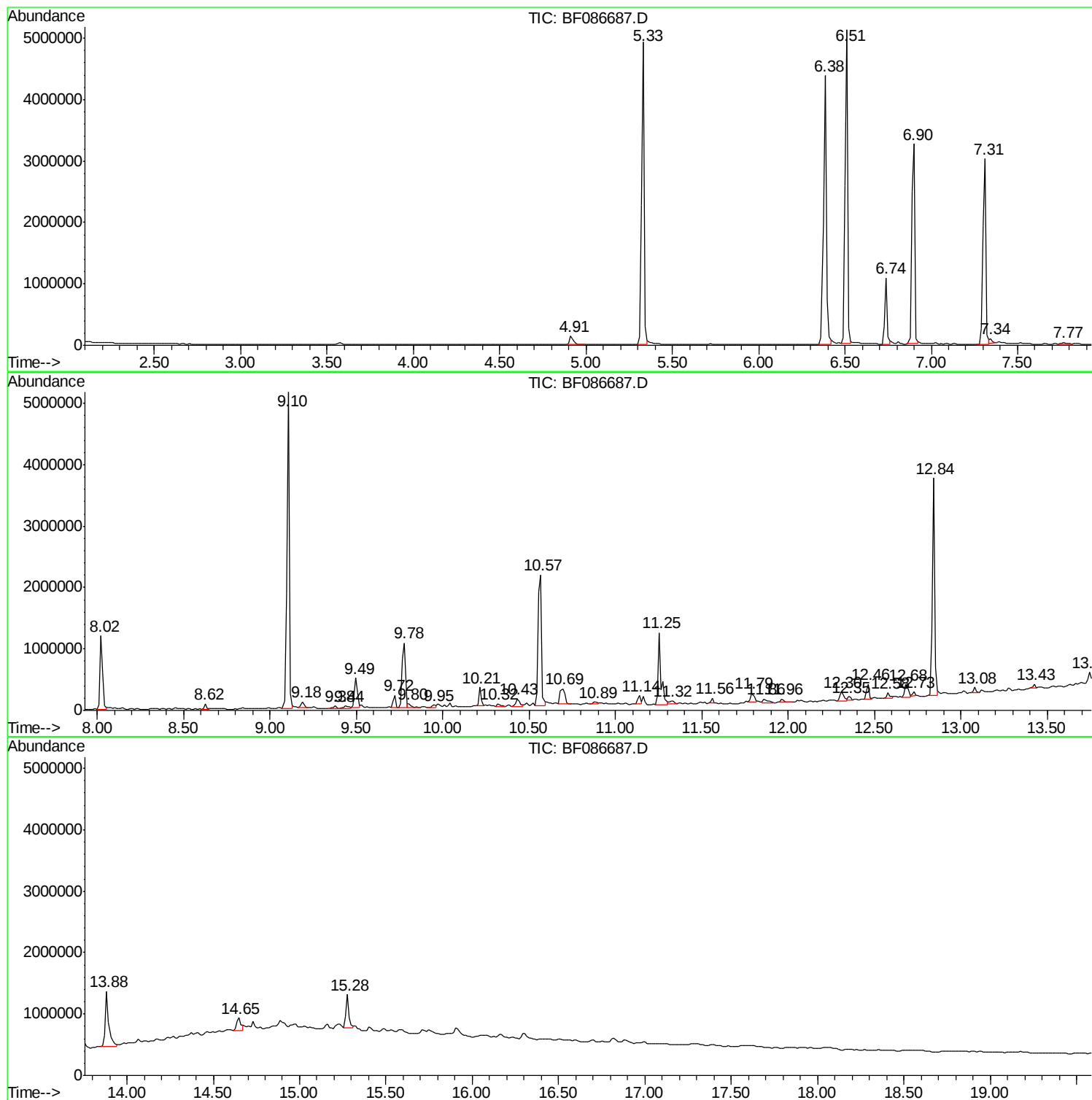
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26WARD-3-CS-8(12-25FTBGS)

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF050416.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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Misc :  
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Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF050416.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

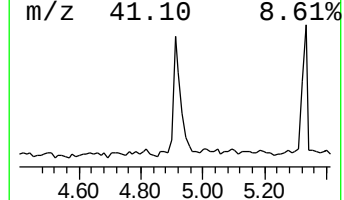
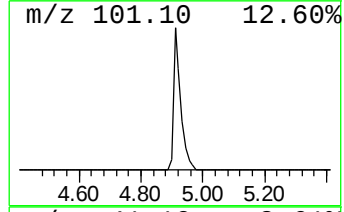
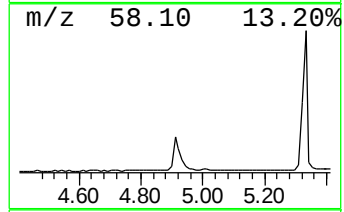
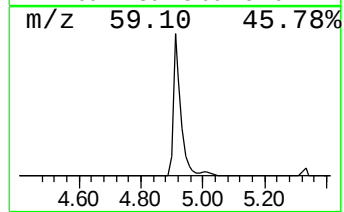
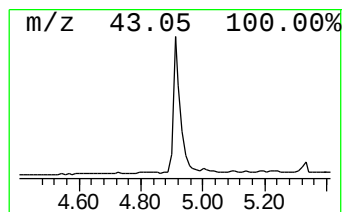
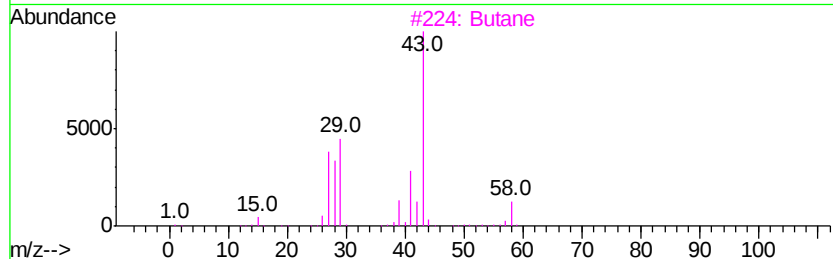
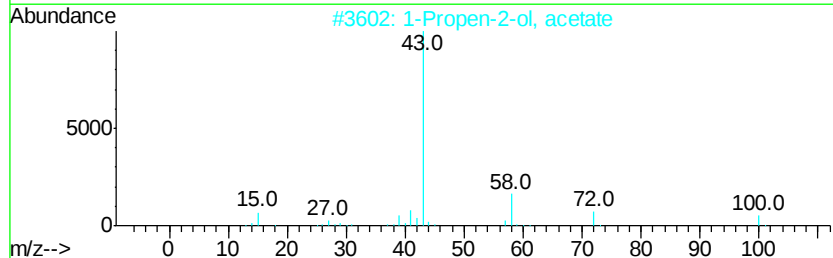
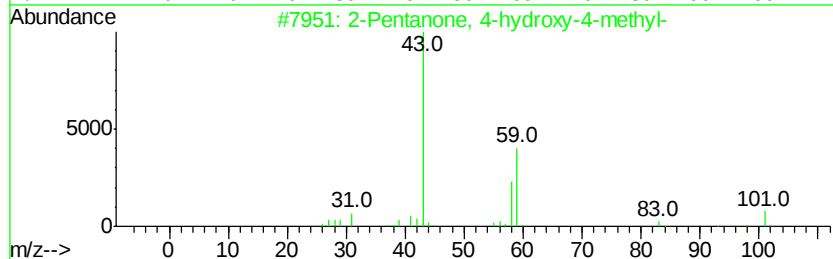
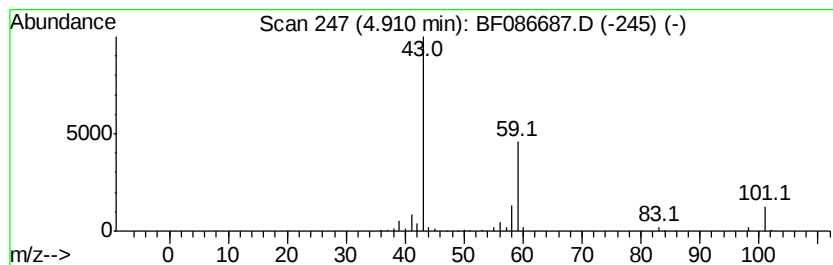
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

| R.T. | EstConc | Area   | Relative to ISTD       | R.T. |
|------|---------|--------|------------------------|------|
| 4.91 | 8.62 ng | 225971 | 1,4-Dichlorobenzene-d4 | 6.74 |

| Hit# | of | Tentative ID                     | MW  | MolForm | CAS#        | Qual |
|------|----|----------------------------------|-----|---------|-------------|------|
| 1    | 5  | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2 | 000123-42-2 | 50   |
| 2    |    | 1-Propen-2-ol, acetate           | 100 | C5H8O2  | 000108-22-5 | 10   |
| 3    |    | Butane                           | 58  | C4H10   | 000106-97-8 | 9    |
| 4    |    | 2,3-Butanedione, monooxime       | 101 | C4H7NO2 | 000057-71-6 | 9    |
| 5    |    | 5-Oxohexanenitrile               | 111 | C6H9NO  | 010412-98-3 | 9    |



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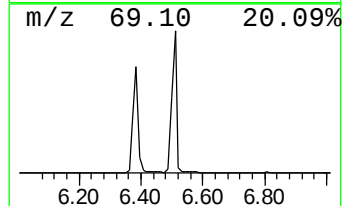
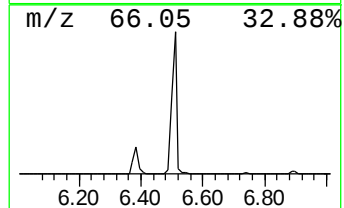
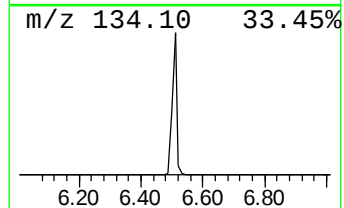
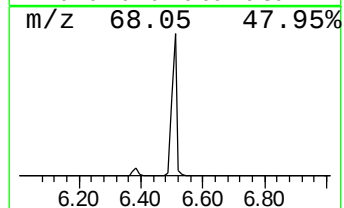
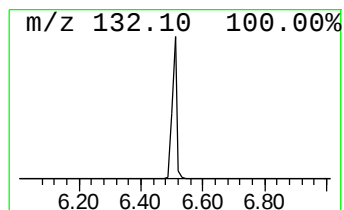
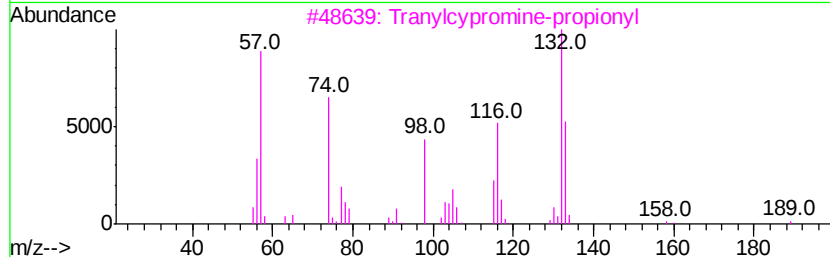
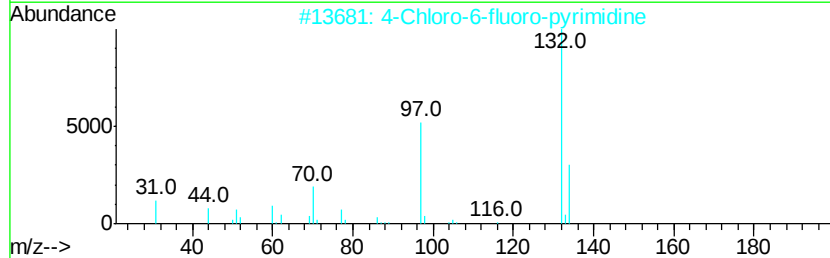
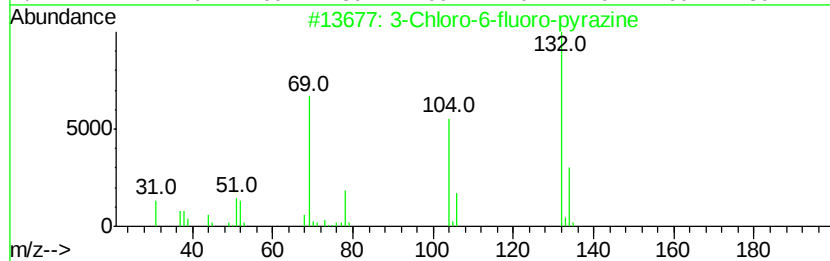
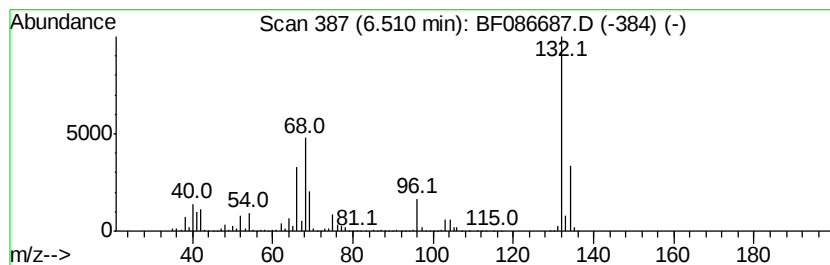
Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF050416.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 2 unknown6.51 Concentration Rank 1

| R.T. | EstConc   | Area    | Relative to ISTD       | R.T. |
|------|-----------|---------|------------------------|------|
| 6.51 | 210.56 ng | 5520120 | 1,4-Dichlorobenzene-d4 | 6.74 |

| Hit# | of | Tentative ID                 | MW  | MolForm   | CAS#         | Qual |
|------|----|------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 3-Chloro-6-fluoro-pyrazine   | 132 | C4H2ClFN2 | 1000146-10-7 | 27   |
| 2    |    | 4-Chloro-6-fluoro-pyrimidine | 132 | C4H2ClFN2 | 051422-01-6  | 27   |
| 3    |    | Tranvlcypropine-propionyl    | 189 | C12H15NO  | 1000123-86-3 | 22   |
| 4    |    | 1H-Benzimidazole, 2-methyl-  | 132 | C8H8N2    | 000615-15-6  | 22   |
| 5    |    | 5-Fluoro-2-chloropyrimidine  | 132 | C4H2ClFN2 | 062802-42-0  | 16   |



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Instrument :  
BNA\_F  
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26WARD-3-CS-8(12-25FTBGS)

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF050416.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

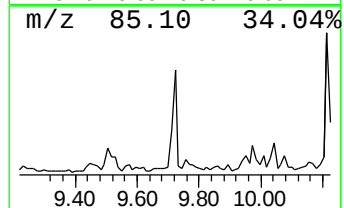
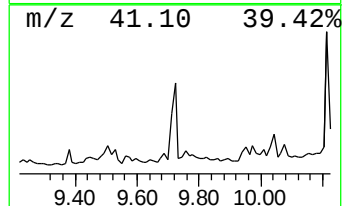
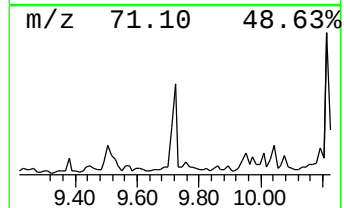
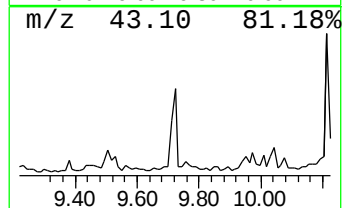
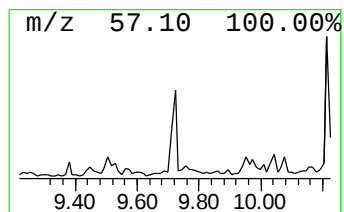
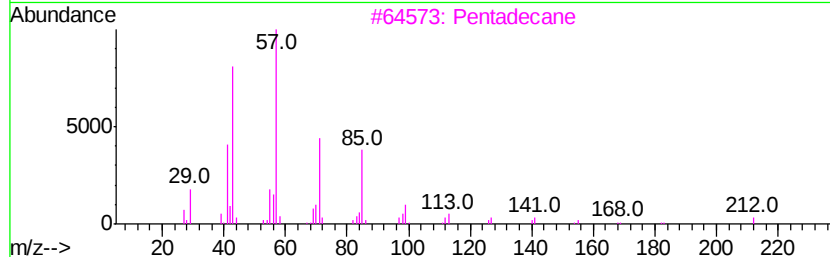
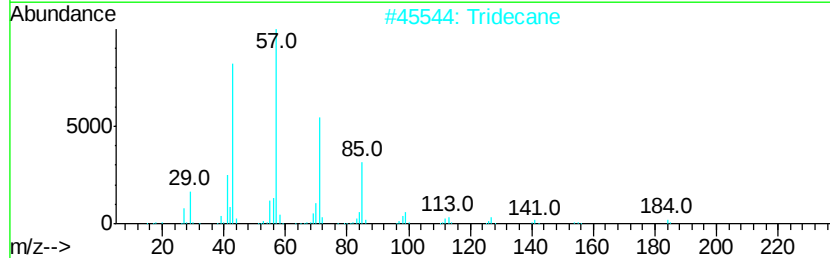
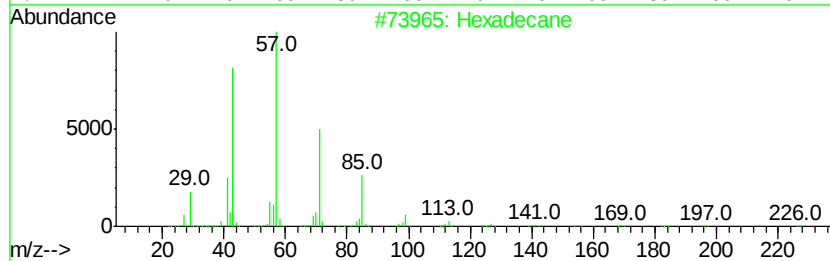
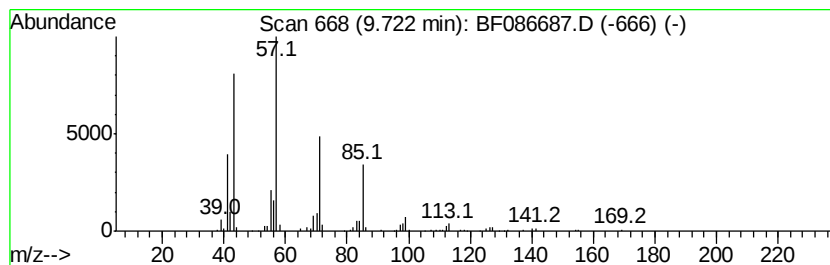
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 4 Hexadecane Concentration Rank 8

| R.T. | EstConc | Area   | Relative to ISTD | R.T. |
|------|---------|--------|------------------|------|
| 9.72 | 6.38 ng | 213071 | Acenaphthene-d10 | 9.78 |

| Hit# of | 5           | Tentative ID | MW  | MolForm | CAS#        | Qual |
|---------|-------------|--------------|-----|---------|-------------|------|
| 1       | Hexadecane  |              | 226 | C16H34  | 000544-76-3 | 91   |
| 2       | Tridecane   |              | 184 | C13H28  | 000629-50-5 | 90   |
| 3       | Pentadecane |              | 212 | C15H32  | 000629-62-9 | 90   |
| 4       | Undecane    |              | 156 | C11H24  | 001120-21-4 | 86   |
| 5       | Tetradecane |              | 198 | C14H30  | 000629-59-4 | 80   |



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Misc :  
ALS Vial : 9 Sample Multiplier: 1

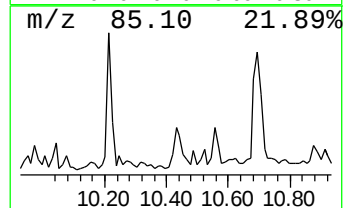
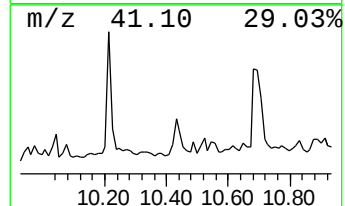
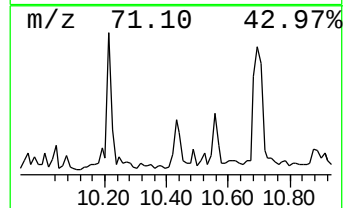
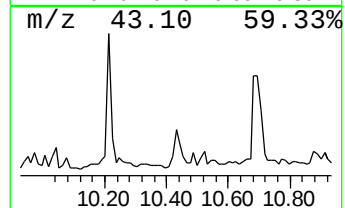
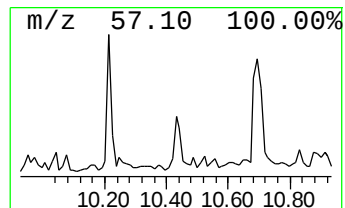
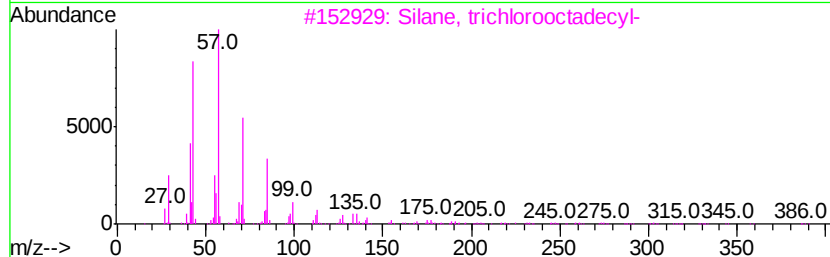
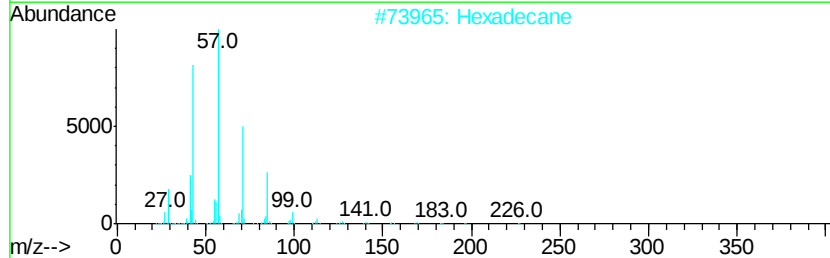
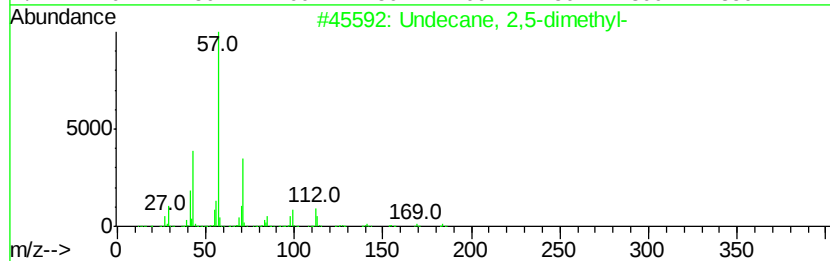
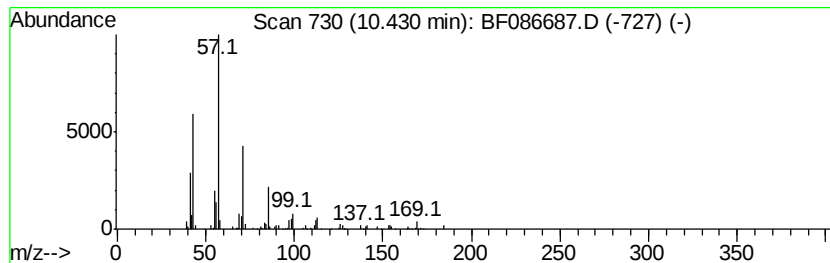
Instrument :  
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ClientSampleId :  
26WARD-3-CS-8(12-25FTBGS)

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

\*\*\*\*\*  
Peak Number 6 Undecane, 2,5-dimethyl- Concentration Rank 9

| R.T.      | EstConc                     | Area   | Relative to ISTD | R.T.        |      |
|-----------|-----------------------------|--------|------------------|-------------|------|
| 10.43     | 6.35 ng                     | 211959 | Acenaphthene-d10 | 9.78        |      |
| Hit# of 5 | Tentative ID                | MW     | MolForm          | CAS#        | Qual |
| 1         | Undecane, 2,5-dimethyl-     | 184    | C13H28           | 017301-22-3 | 76   |
| 2         | Hexadecane                  | 226    | C16H34           | 000544-76-3 | 72   |
| 3         | Silane, trichlorooctadecyl- | 386    | C18H37Cl3Si      | 000112-04-9 | 72   |
| 4         | Octacosane                  | 394    | C28H58           | 000630-02-4 | 64   |
| 5         | Tetracosane                 | 338    | C24H50           | 000646-31-1 | 64   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF050416\  
Data File : BF086687.D  
Acq On : 4 May 2016 20:11  
Operator : UM/SJ  
Sample : H2715-02  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
26WARD-3-CS-8(12-25FTBGS)

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF050416.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

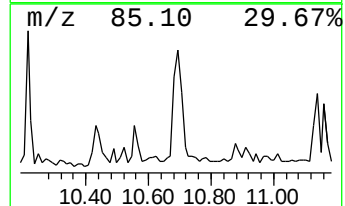
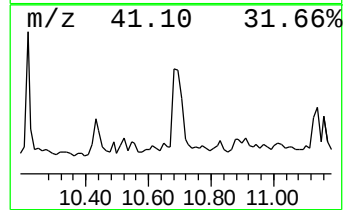
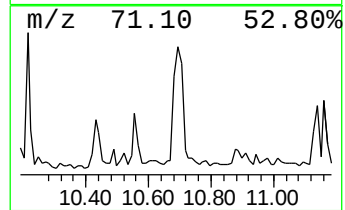
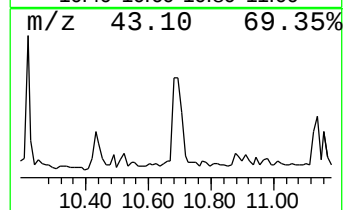
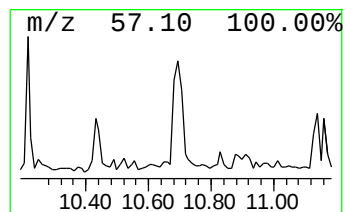
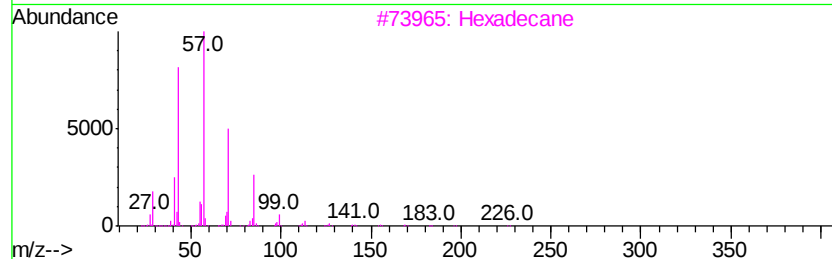
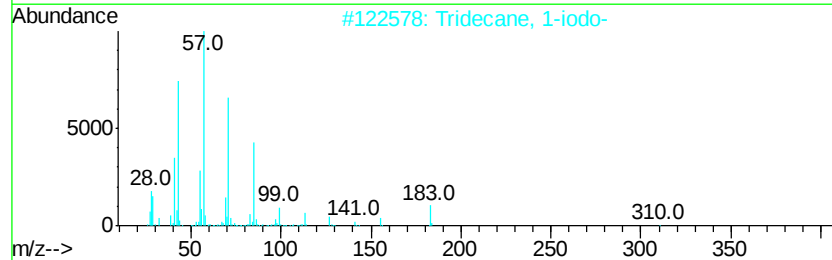
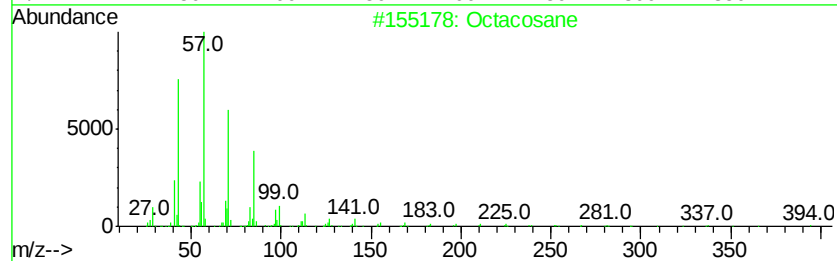
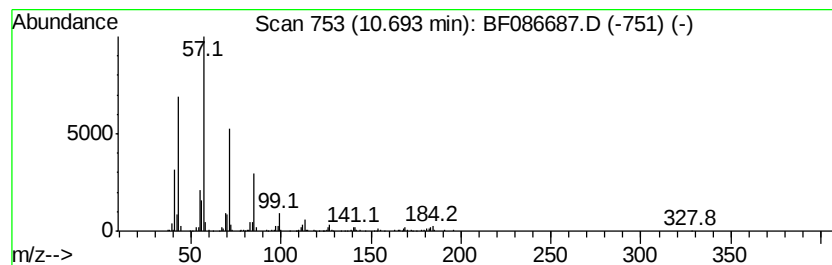
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TIC Integration Parameters: LSCINT.P

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Peak Number 7 Octacosane Concentration Rank 4

| R.T.  | EstConc  | Area   | Relative to ISTD | R.T.  |
|-------|----------|--------|------------------|-------|
| 10.69 | 13.31 ng | 459861 | Phenanthrene-d10 | 11.25 |

| Hit# | of | Tentative ID       | MW  | MolForm | CAS#        | Qual |
|------|----|--------------------|-----|---------|-------------|------|
| 1    | 5  | Octacosane         | 394 | C28H58  | 000630-02-4 | 90   |
| 2    |    | Tridecane, 1-iodo- | 310 | C13H27I | 035599-77-0 | 86   |
| 3    |    | Hexadecane         | 226 | C16H34  | 000544-76-3 | 86   |
| 4    |    | Dodecane           | 170 | C12H26  | 000112-40-3 | 81   |
| 5    |    | Tetracosane        | 338 | C24H50  | 000646-31-1 | 80   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF050416\  
Data File : BF086687.D  
Acq On : 4 May 2016 20:11  
Operator : UM/SJ  
Sample : H2715-02  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
26WARD-3-CS-8(12-25FTBGS)

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF050416.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

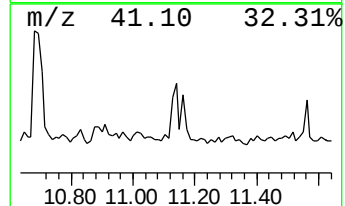
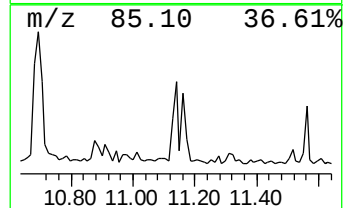
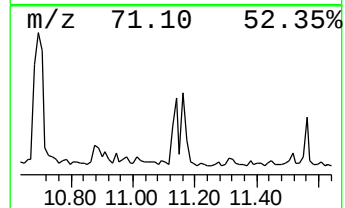
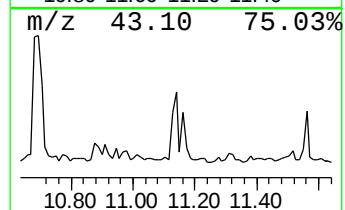
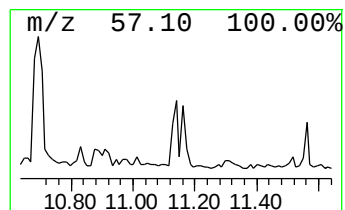
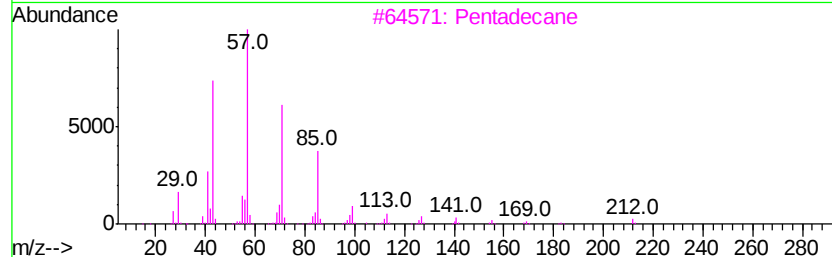
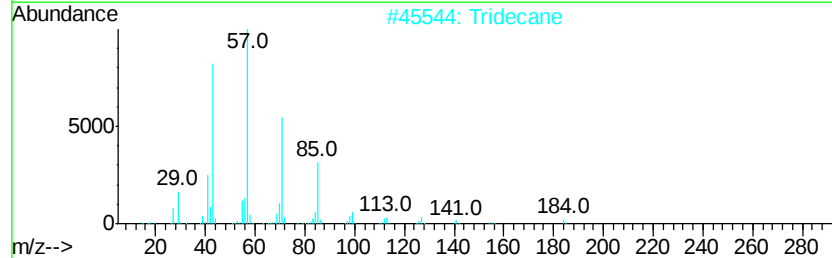
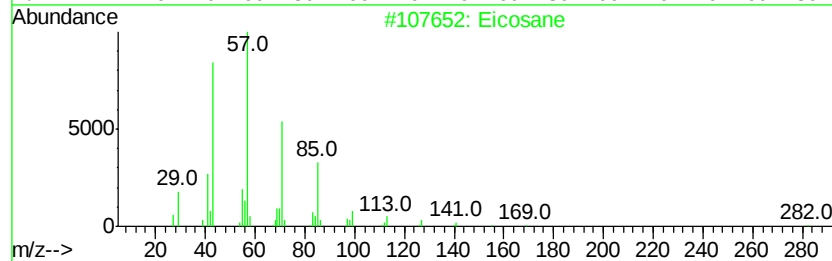
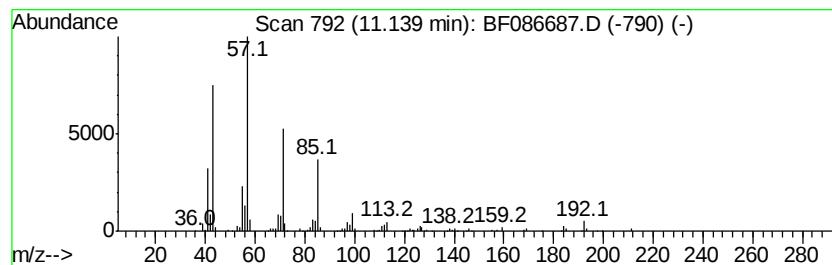
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 8 Eicosane Concentration Rank 12

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 11.14 | 4.65 ng | 160820 | Phenanthrene-d10 | 11.25 |

| Hit# | of | Tentative ID                 | MW  | MolForm | CAS#        | Qual |
|------|----|------------------------------|-----|---------|-------------|------|
| 1    | 5  | Eicosane                     | 282 | C20H42  | 000112-95-8 | 87   |
| 2    |    | Tridecane                    | 184 | C13H28  | 000629-50-5 | 87   |
| 3    |    | Pentadecane                  | 212 | C15H32  | 000629-62-9 | 86   |
| 4    |    | Hexadecane                   | 226 | C16H34  | 000544-76-3 | 86   |
| 5    |    | Dodecane, 2-methyl-6-propyl- | 226 | C16H34  | 055045-08-4 | 80   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF050416\  
Data File : BF086687.D  
Acq On : 4 May 2016 20:11  
Operator : UM/SJ  
Sample : H2715-02  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

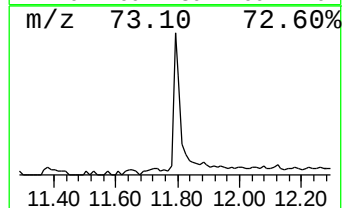
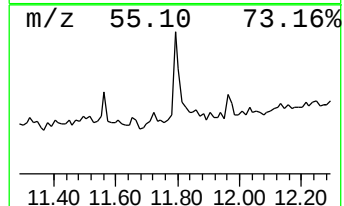
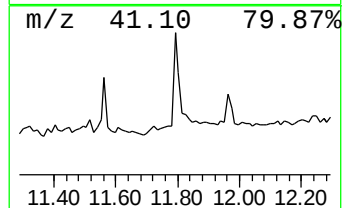
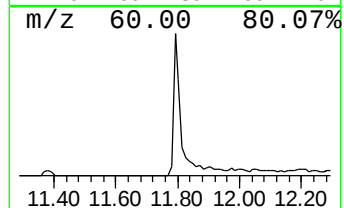
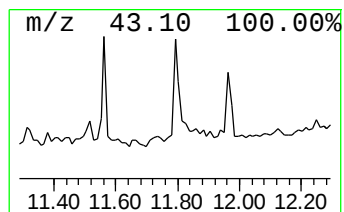
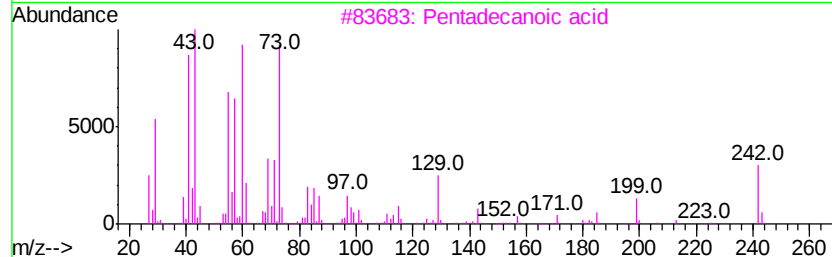
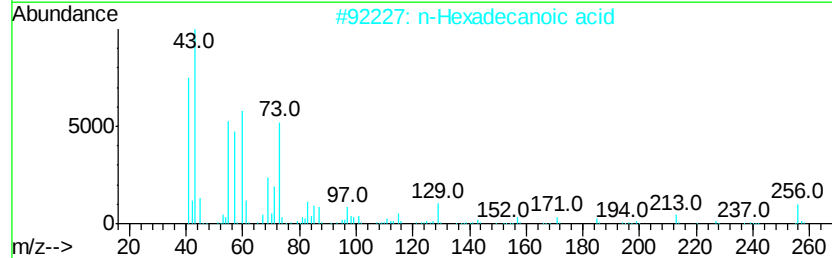
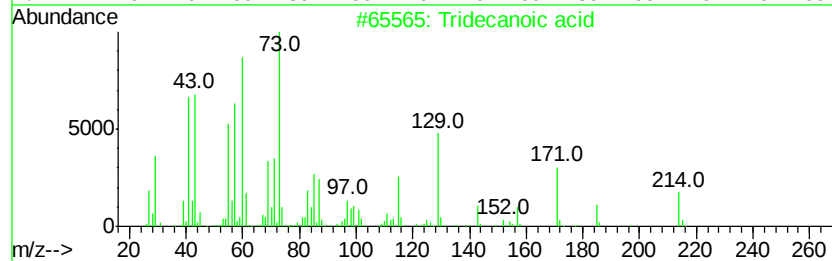
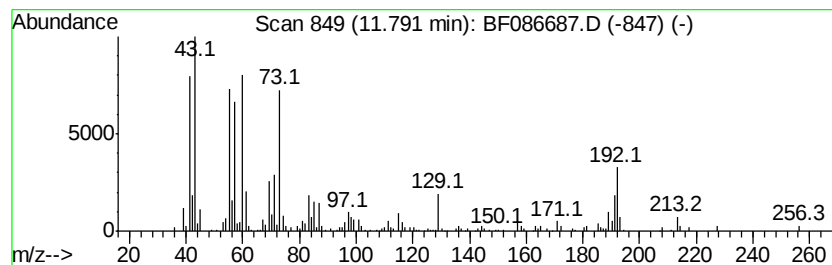
Instrument :  
BNA\_F  
ClientSampleId :  
26WARD-3-CS-8(12-25FTBGS)

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF050416.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 9 Tridecanoic acid Concentration Rank 11

| R.T.      | EstConc             | Area   | Relative to ISTD |             | R.T.  |
|-----------|---------------------|--------|------------------|-------------|-------|
| 11.79     | 5.94 ng             | 205349 | Phenanthrene-d10 |             | 11.25 |
| Hit# of 5 | Tentative ID        | MW     | MolForm          | CAS#        | Qual  |
| 1         | Tridecanoic acid    | 214    | C13H26O2         | 000638-53-9 | 89    |
| 2         | n-Hexadecanoic acid | 256    | C16H32O2         | 000057-10-3 | 86    |
| 3         | Pentadecanoic acid  | 242    | C15H30O2         | 001002-84-2 | 72    |
| 4         | Undecanoic acid     | 186    | C11H22O2         | 000112-37-8 | 70    |
| 5         | Tetradecanoic acid  | 228    | C14H28O2         | 000544-63-8 | 64    |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF050416\  
Data File : BF086687.D  
Acq On : 4 May 2016 20:11  
Operator : UM/SJ  
Sample : H2715-02  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
26WARD-3-CS-8(12-25FTBGS)

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050416.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

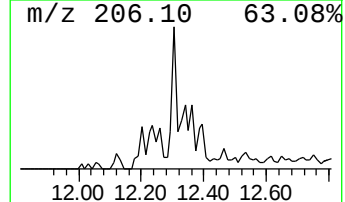
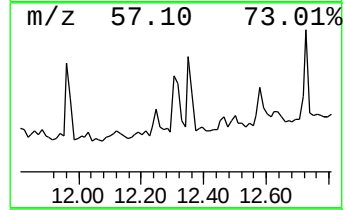
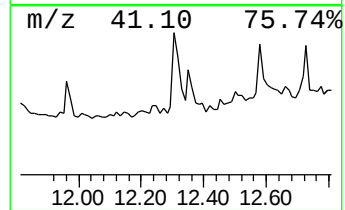
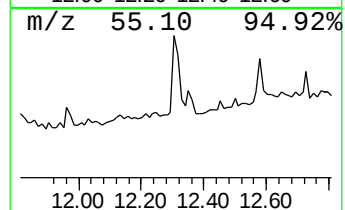
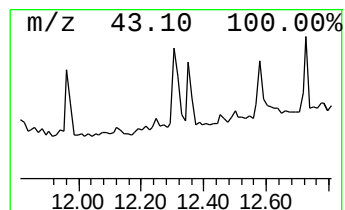
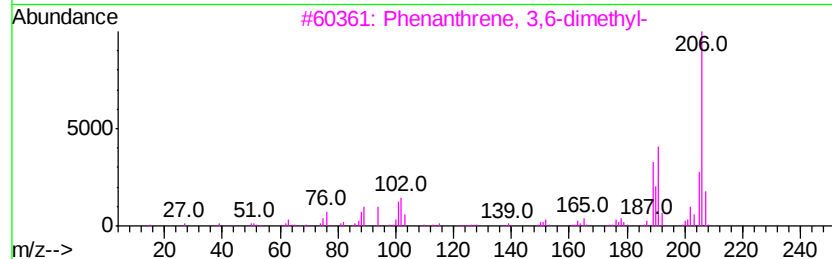
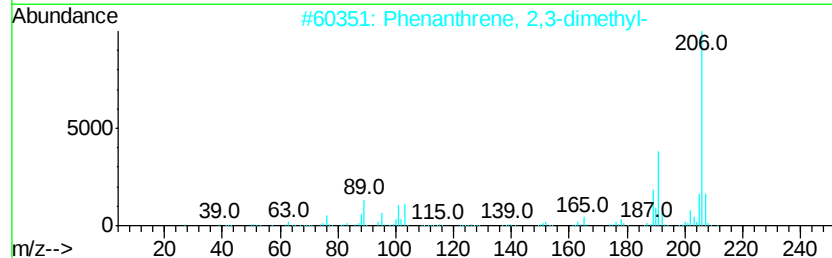
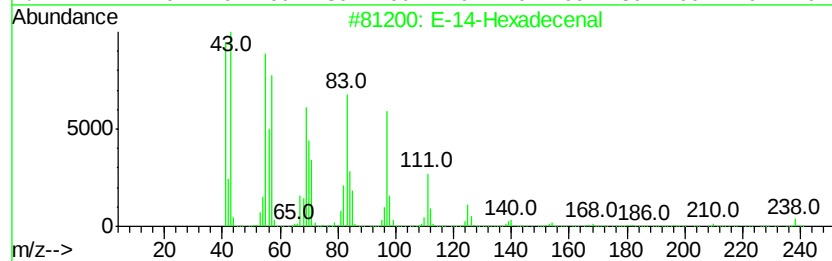
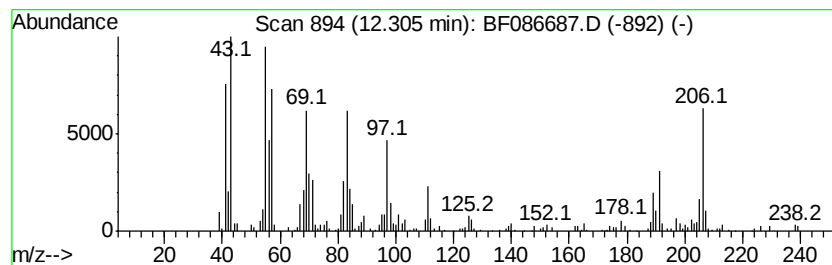
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 10 E-14-Hexadecenal Concentration Rank 10

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 12.31 | 6.24 ng | 215692 | Phenanthrene-d10 | 11.25 |

| Hit# | of | Tentative ID                        | MW  | MolForm    | CAS#         | Qual |
|------|----|-------------------------------------|-----|------------|--------------|------|
| 1    | 5  | E-14-Hexadecenal                    | 238 | C16H30O    | 330207-53-9  | 96   |
| 2    |    | Phenanthrene, 2,3-dimethyl-         | 206 | C16H14     | 003674-65-5  | 78   |
| 3    |    | Phenanthrene, 3,6-dimethyl-         | 206 | C16H14     | 001576-67-6  | 72   |
| 4    |    | 1-Nonadecene                        | 266 | C19H38     | 018435-45-5  | 60   |
| 5    |    | 3-Chloropropionic acid, heptadec... | 346 | C20H39ClO2 | 1000283-05-1 | 60   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF050416\  
Data File : BF086687.D  
Acq On : 4 May 2016 20:11  
Operator : UM/SJ  
Sample : H2715-02  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

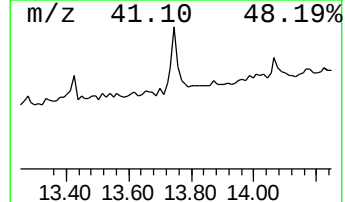
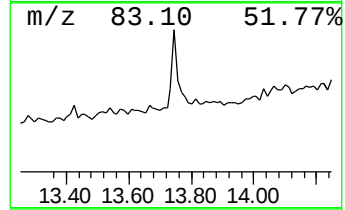
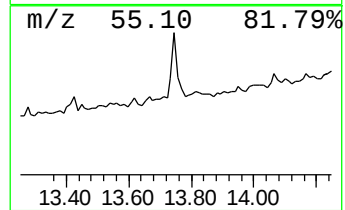
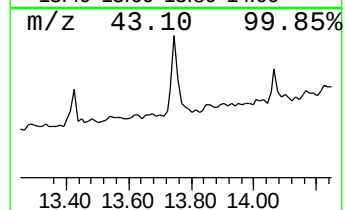
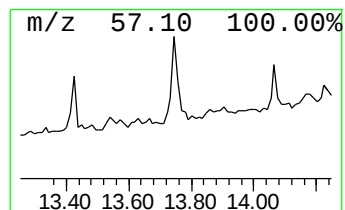
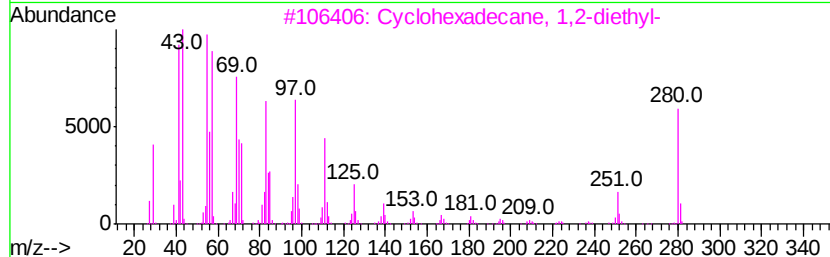
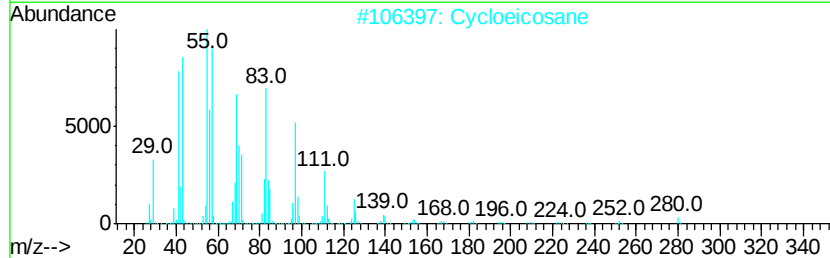
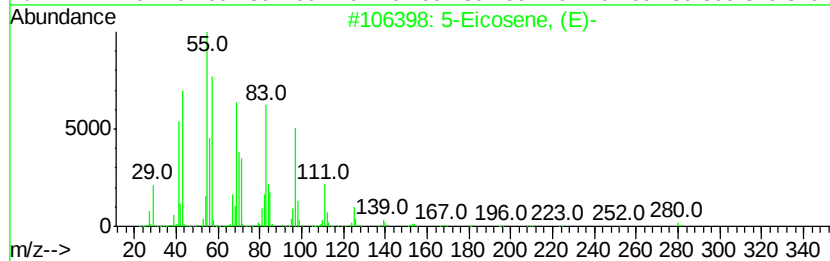
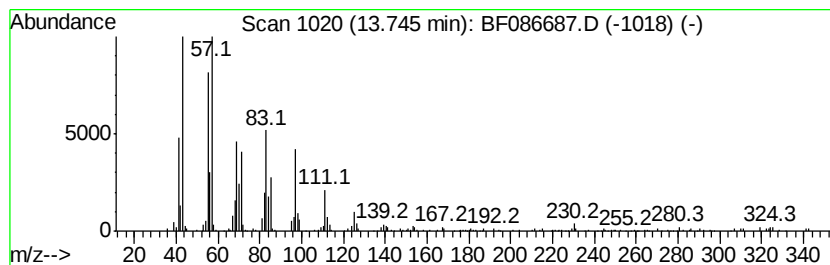
Instrument :  
BNA\_F  
ClientSampleId :  
26WARD-3-CS-8(12-25FTBGS)

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF050416.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 11 5-Eicosene, (E)- Concentration Rank 7

| R.T.      | EstConc                       | Area   | Relative to ISTD | R.T.         |      |
|-----------|-------------------------------|--------|------------------|--------------|------|
| 13.75     | 7.81 ng                       | 240827 | Chrysene-d12     | 13.88        |      |
| Hit# of 5 | Tentative ID                  | MW     | MolForm          | CAS#         | Qual |
| 1         | 5-Eicosene, (E)-              | 280    | C20H40           | 074685-30-6  | 98   |
| 2         | Cycloeicosane                 | 280    | C20H40           | 000296-56-0  | 94   |
| 3         | Cyclohexadecane, 1,2-diethyl- | 280    | C20H40           | 1000155-85-3 | 93   |
| 4         | 1-Eicosene                    | 280    | C20H40           | 003452-07-1  | 93   |
| 5         | 9-Tricosene, (Z)-             | 322    | C23H46           | 027519-02-4  | 91   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF050416\  
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Operator : UM/SJ  
Sample : H2715-02  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
26WARD-3-CS-8(12-25FTBGS)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

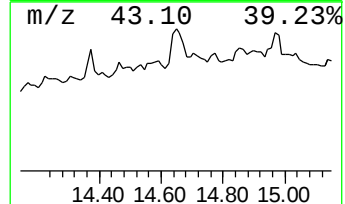
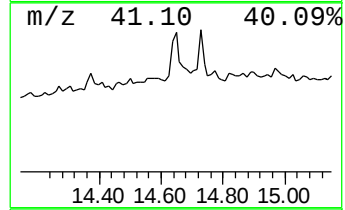
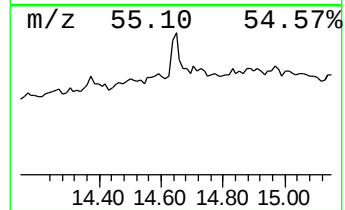
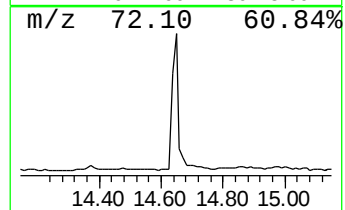
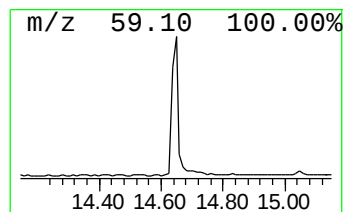
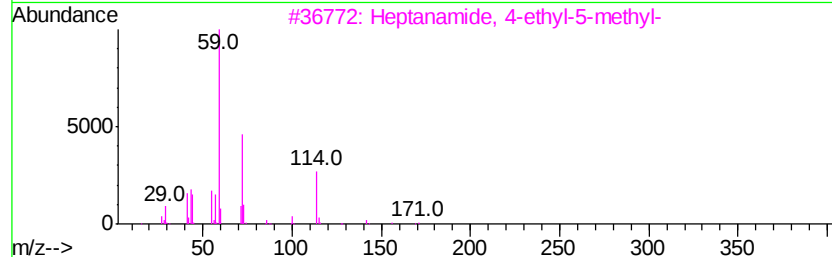
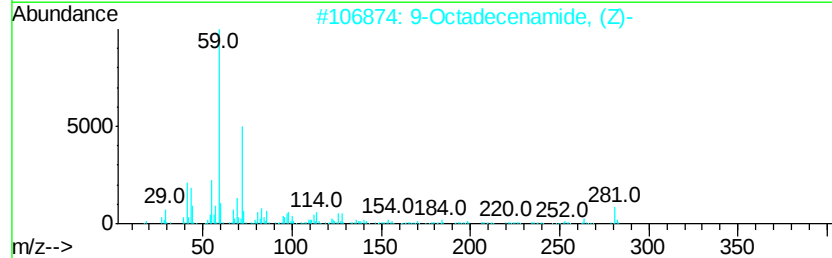
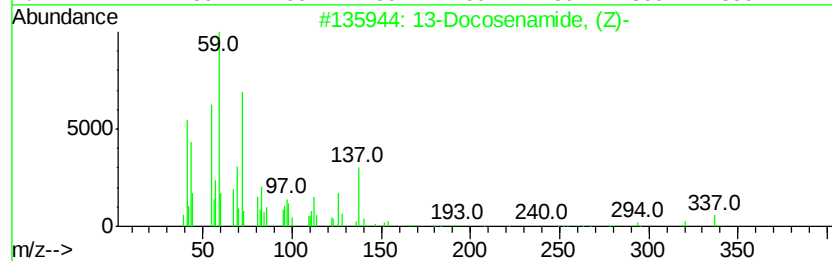
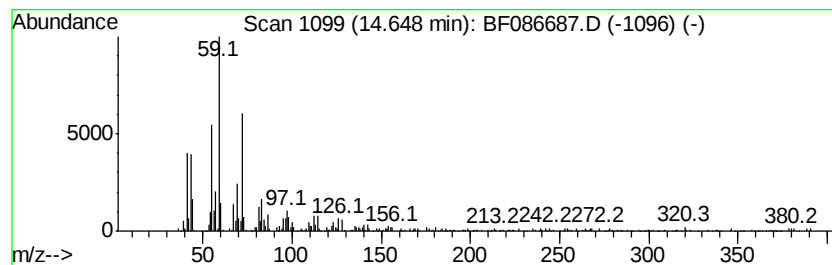
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 12 13-Docosenamide, (Z)- Concentration Rank 3

| R.T.  | EstConc  | Area   | Relative to ISTD | R.T.  |
|-------|----------|--------|------------------|-------|
| 14.65 | 22.64 ng | 375490 | Perylene-d12     | 15.28 |

| Hit# | of | Tentative ID                   | MW  | MolForm  | CAS#        | Qual |
|------|----|--------------------------------|-----|----------|-------------|------|
| 1    | 5  | 13-Docosenamide, (Z)-          | 337 | C22H43NO | 000112-84-5 | 93   |
| 2    |    | 9-Octadecenamide, (Z)-         | 281 | C18H35NO | 000301-02-0 | 87   |
| 3    |    | Heptanamide, 4-ethyl-5-methyl- | 171 | C10H21NO | 054789-40-1 | 72   |
| 4    |    | Dodecanamide                   | 199 | C12H25NO | 001120-16-7 | 70   |
| 5    |    | Pentanal, oxime                | 101 | C5H11NO  | 000628-79-5 | 43   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF050416\  
Data File : BF086687.D  
Acq On : 4 May 2016 20:11  
Operator : UM/SJ  
Sample : H2715-02  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
26WARD-3-CS-8(12-25FTBGS)

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF050416.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |         |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|---------|------|
|                      |       |         |       |          | #                     | RT    | Resp    | Conc |
| 2-Pentanone, 4-hy... | 4.91  | 8.6     | ng    | 225971   | 1                     | 6.74  | 1048660 | 40.0 |
| unknown6.51          | 6.51  | 210.6   | ng    | 5520120  | 1                     | 6.74  | 1048660 | 40.0 |
| Hexadecane           | 9.72  | 6.4     | ng    | 213071   | 3                     | 9.78  | 1335180 | 40.0 |
| Undecane, 2,5-dim... | 10.43 | 6.3     | ng    | 211959   | 3                     | 9.78  | 1335180 | 40.0 |
| Octacosane           | 10.69 | 13.3    | ng    | 459861   | 4                     | 11.25 | 1382220 | 40.0 |
| Eicosane             | 11.14 | 4.7     | ng    | 160820   | 4                     | 11.25 | 1382220 | 40.0 |
| Tridecanoic acid     | 11.79 | 5.9     | ng    | 205349   | 4                     | 11.25 | 1382220 | 40.0 |
| E-14-Hexadecenal     | 12.31 | 6.2     | ng    | 215692   | 4                     | 11.25 | 1382220 | 40.0 |
| 5-Eicosene, (E)-     | 13.75 | 7.8     | ng    | 240827   | 5                     | 13.88 | 1232950 | 40.0 |
| 13-Docosenamide, ... | 14.65 | 22.6    | ng    | 375490   | 6                     | 15.28 | 663302  | 40.0 |