

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050316\  
 Data File : BF086655.D  
 Acq On : 3 May 2016 20:16  
 Operator : UM/SJ  
 Sample : H2685-15  
 Misc :  
 ALS Vial : 45 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 26WARD-1B-CS-3(16-32FTBGS)

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-BF042716.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         | 4.944       | 248           | 250         | 254          | rBV      | 109384         | 186708        | 2.66%           | 0.356%        |
| 2         | 5.356       | 282           | 286         | 288          | rBV      | 5179664        | 6551236       | 93.19%          | 12.492%       |
| 3         | 6.407       | 374           | 378         | 380          | rBV      | 4704255        | 7030102       | 100.00%         | 13.405%       |
| 4         | 6.521       | 385           | 388         | 391          | rVV      | 5036525        | 5605261       | 79.73%          | 10.688%       |
| 5         | 6.750       | 406           | 408         | 413          | rBV      | 1271537        | 1229161       | 17.48%          | 2.344%        |
| 6         | 6.910       | 419           | 422         | 424          | rBV      | 4717535        | 4378701       | 62.29%          | 8.349%        |
| 7         | 7.321       | 455           | 458         | 461          | rBV      | 3428121        | 3683360       | 52.39%          | 7.023%        |
| 8         | 7.424       | 466           | 467         | 474          | rVV      | 52474          | 112075        | 1.59%           | 0.214%        |
| 9         | 8.042       | 518           | 521         | 523          | rBV      | 1519502        | 1521522       | 21.64%          | 2.901%        |
| 10        | 9.116       | 613           | 615         | 618          | rBV      | 4269826        | 4997978       | 71.09%          | 9.530%        |
| 11        | 9.516       | 647           | 650         | 652          | rBV      | 828459         | 764145        | 10.87%          | 1.457%        |
| 12        | 9.733       | 667           | 669         | 671          | rBV      | 118444         | 96388         | 1.37%           | 0.184%        |
| 13        | 9.790       | 671           | 674         | 676          | rBV      | 1693238        | 1488434       | 21.17%          | 2.838%        |
| 14        | 10.236      | 709           | 713         | 714          | rBV2     | 128421         | 213323        | 3.03%           | 0.407%        |
| 15        | 10.453      | 728           | 732         | 735          | rBV      | 60042          | 111321        | 1.58%           | 0.212%        |
| 16        | 10.579      | 740           | 743         | 745          | rBV      | 2897491        | 2946374       | 41.91%          | 5.618%        |
| 17        | 10.705      | 752           | 754         | 758          | rBV      | 201603         | 242076        | 3.44%           | 0.462%        |
| 18        | 11.150      | 791           | 793         | 794          | rBV      | 96929          | 76150         | 1.08%           | 0.145%        |
| 19        | 11.265      | 802           | 803         | 807          | rVV2     | 851346         | 1299690       | 18.49%          | 2.478%        |
| 20        | 11.345      | 807           | 810         | 812          | rVB      | 108024         | 120614        | 1.72%           | 0.230%        |
| 21        | 11.813      | 848           | 851         | 853          | rBV2     | 499156         | 497258        | 7.07%           | 0.948%        |
| 22        | 11.882      | 855           | 857         | 862          | rVB2     | 83692          | 133397        | 1.90%           | 0.254%        |
| 23        | 12.065      | 870           | 873         | 874          | rBV      | 74168          | 74717         | 1.06%           | 0.142%        |
| 24        | 12.328      | 893           | 896         | 898          | rBV2     | 36878          | 74548         | 1.06%           | 0.142%        |
| 25        | 12.476      | 907           | 909         | 912          | rBV      | 573261         | 541767        | 7.71%           | 1.033%        |
| 26        | 12.705      | 926           | 929         | 931          | rBV      | 558313         | 641006        | 9.12%           | 1.222%        |
| 27        | 12.853      | 940           | 942         | 945          | rBV      | 2818927        | 3182315       | 45.27%          | 6.068%        |
| 28        | 13.036      | 954           | 958         | 960          | rVB      | 69725          | 106970        | 1.52%           | 0.204%        |
| 29        | 13.768      | 1019          | 1022        | 1030         | rBV2     | 174368         | 324553        | 4.62%           | 0.619%        |
| 30        | 13.905      | 1030          | 1034        | 1040         | rBV2     | 932095         | 1669351       | 23.75%          | 3.183%        |
| 31        | 14.008      | 1041          | 1043        | 1045         | rVV      | 91637          | 90247         | 1.28%           | 0.172%        |
| 32        | 14.385      | 1073          | 1076        | 1077         | rBV3     | 44380          | 75284         | 1.07%           | 0.144%        |
| 33        | 14.659      | 1098          | 1100        | 1106         | rVB2     | 151717         | 214219        | 3.05%           | 0.408%        |
| 34        | 14.751      | 1106          | 1108        | 1110         | rBV2     | 87079          | 121188        | 1.72%           | 0.231%        |

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Misc :  
ALS Vial : 45 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
26WARD-1B-CS-3(16-32FTBGS)

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-BF042716.M  
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 35 | 14.899 | 1119 | 1121 | 1126 | rBV  | 174282 | 409128 | 5.82%  | 0.780% |
| 36 | 15.174 | 1143 | 1145 | 1148 | rVV  | 96118  | 152843 | 2.17%  | 0.291% |
| 37 | 15.242 | 1148 | 1151 | 1153 | rVV  | 121455 | 219712 | 3.13%  | 0.419% |
| 38 | 15.299 | 1153 | 1156 | 1163 | rVB  | 629634 | 984135 | 14.00% | 1.877% |
| 39 | 16.625 | 1269 | 1272 | 1277 | rVB2 | 49115  | 118251 | 1.68%  | 0.225% |
| 40 | 17.014 | 1304 | 1306 | 1314 | rVB  | 67286  | 158451 | 2.25%  | 0.302% |

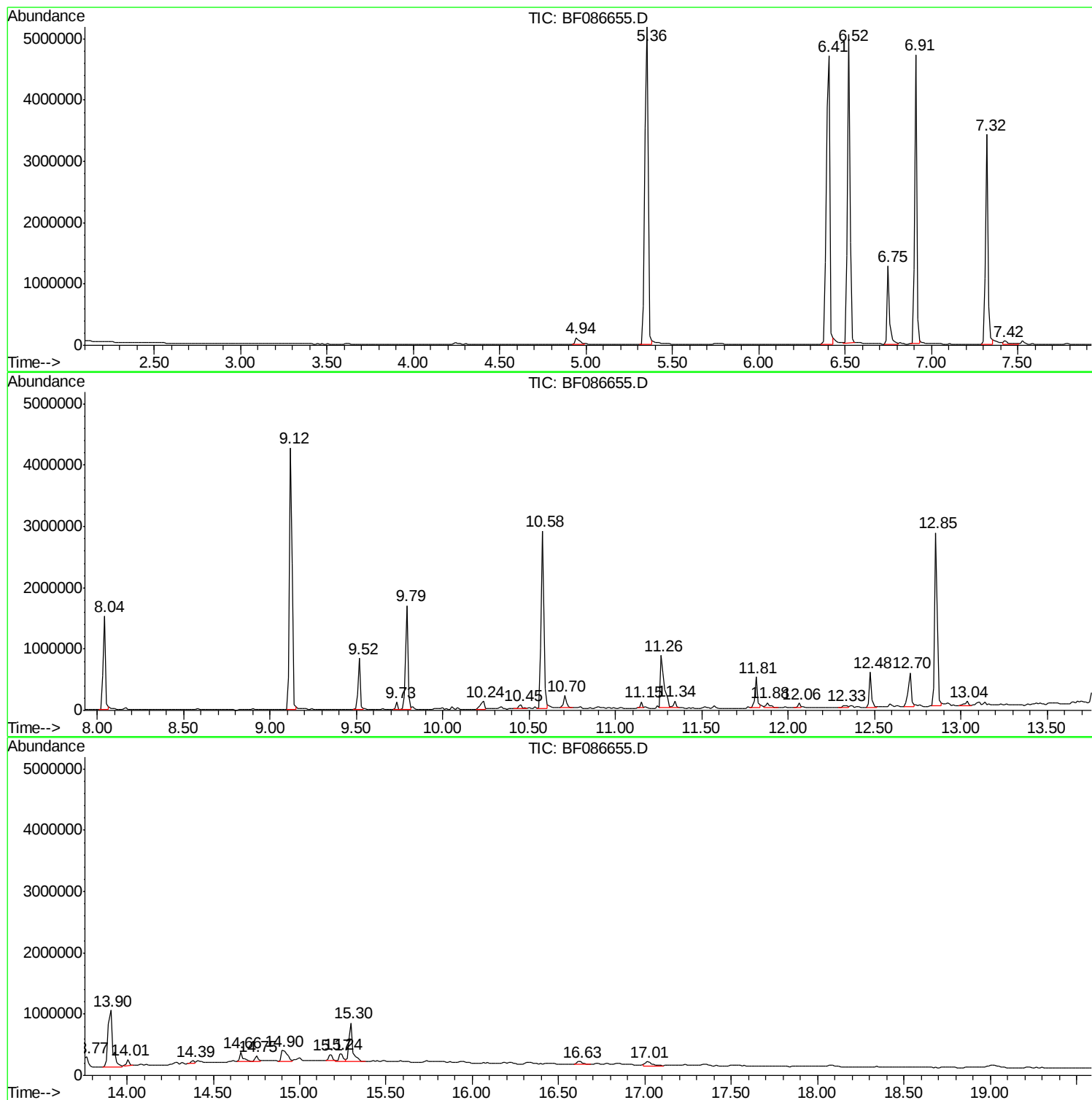
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Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF042716.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

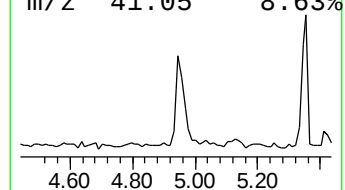
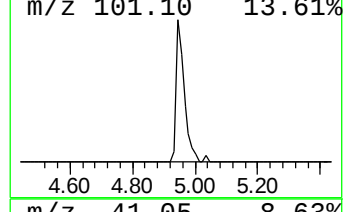
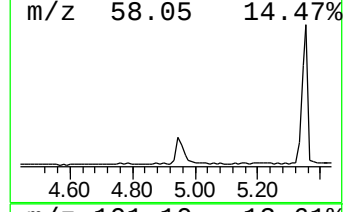
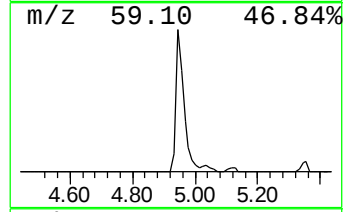
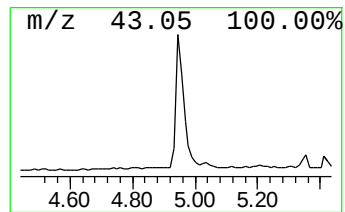
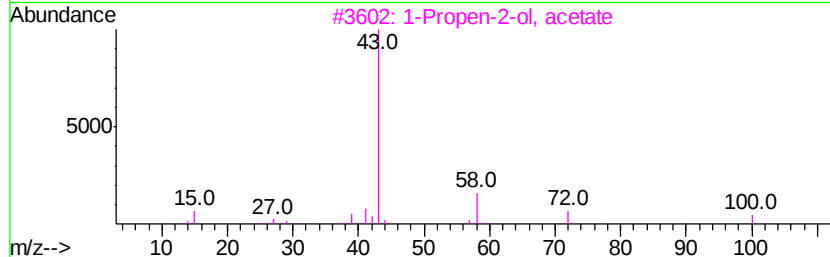
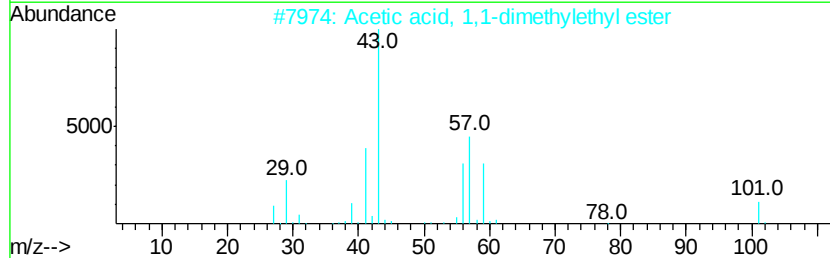
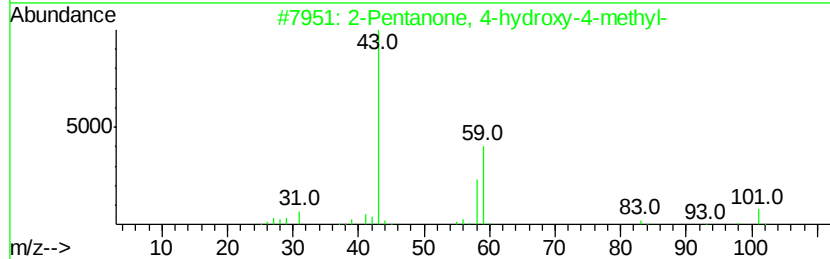
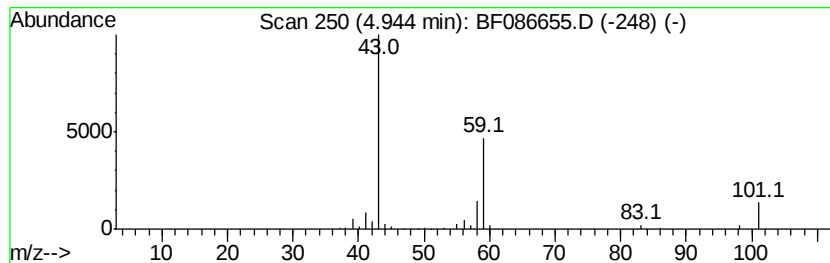
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

| R.T. | EstConc | Area   | Relative to ISTD       | R.T. |
|------|---------|--------|------------------------|------|
| 4.94 | 3.04 ng | 186708 | 1,4-Dichlorobenzene-d4 | 6.75 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------------|-----|---------|-------------|------|
| 1    | 5  | 2-Pentanone, 4-hydroxy-4-methyl-    | 116 | C6H12O2 | 000123-42-2 | 50   |
| 2    |    | Acetic acid, 1,1-dimethylethyl e... | 116 | C6H12O2 | 000540-88-5 | 28   |
| 3    |    | 1-Propen-2-ol, acetate              | 100 | C5H8O2  | 000108-22-5 | 10   |
| 4    |    | Butane                              | 58  | C4H10   | 000106-97-8 | 9    |
| 5    |    | Diacetamide                         | 101 | C4H7NO2 | 000625-77-4 | 9    |



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ClientSampleId :  
26WARD-1B-CS-3(16-32FTBGS)

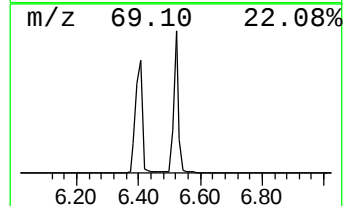
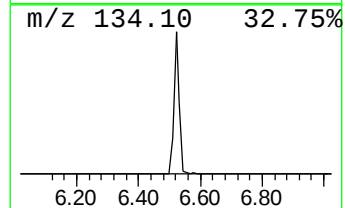
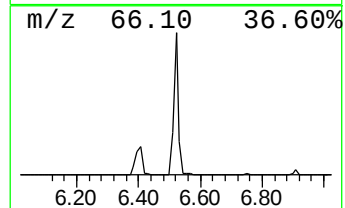
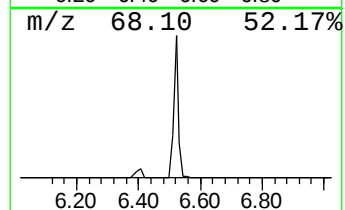
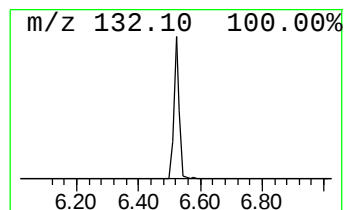
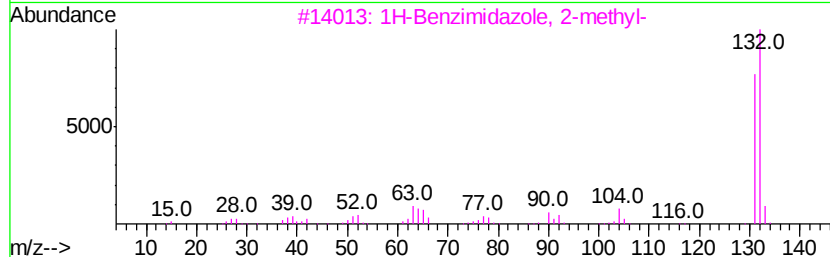
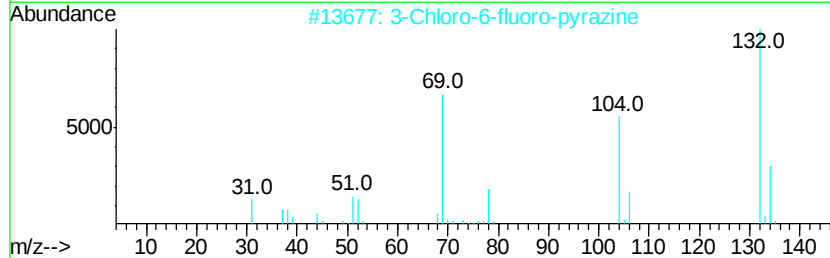
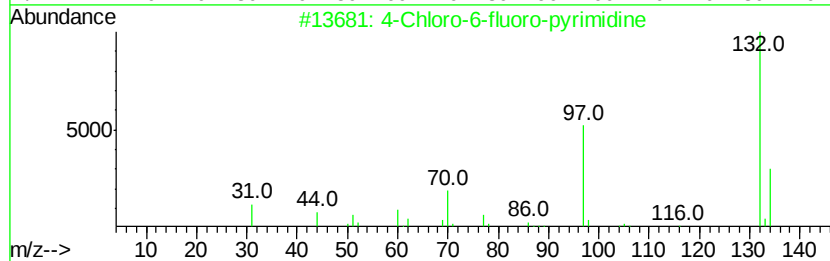
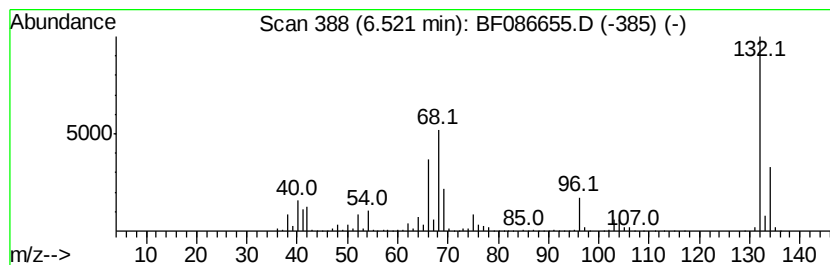
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 2 unknown6.52 Concentration Rank 1

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 6.52 | 91.20 ng | 5605260 | 1,4-Dichlorobenzene-d4 | 6.75 |

| Hit# | of | Tentative ID                 | MW  | MolForm   | CAS#         | Qual |
|------|----|------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 4-Chloro-6-fluoro-pyrimidine | 132 | C4H2ClFN2 | 051422-01-6  | 27   |
| 2    |    | 3-Chloro-6-fluoro-pyrazine   | 132 | C4H2ClFN2 | 1000146-10-7 | 27   |
| 3    |    | 1H-Benzimidazole, 2-methyl-  | 132 | C8H8N2    | 000615-15-6  | 22   |
| 4    |    | Tranylcypromine-propionyl    | 189 | C12H15NO  | 1000123-86-3 | 22   |
| 5    |    | 5-Fluoro-2-chloropyrimidine  | 132 | C4H2ClFN2 | 062802-42-0  | 12   |



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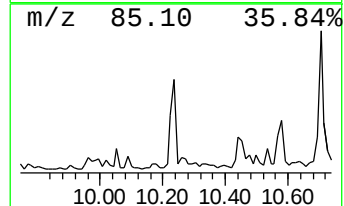
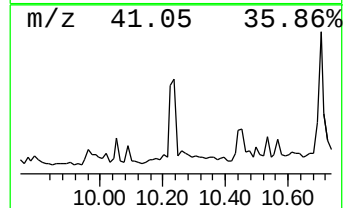
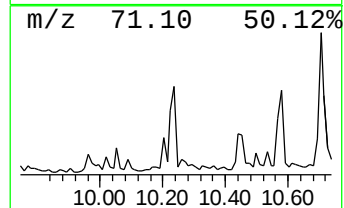
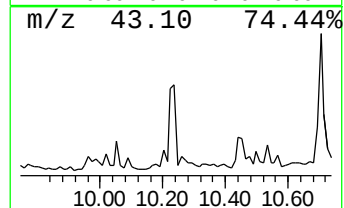
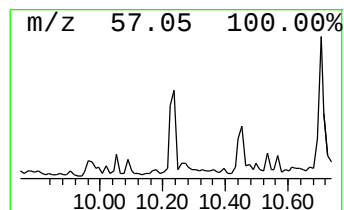
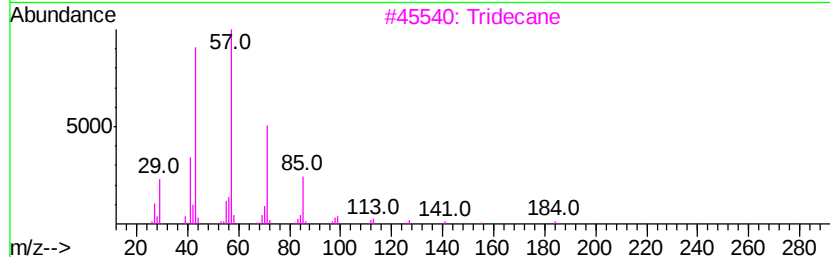
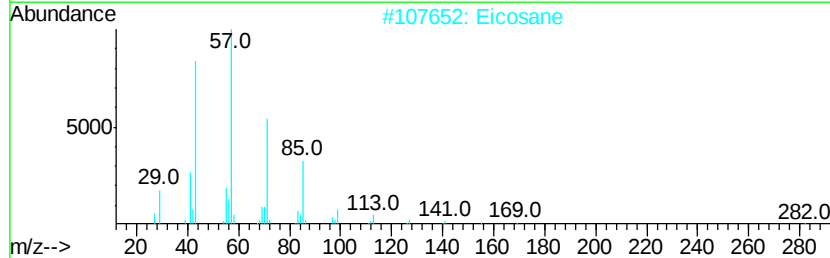
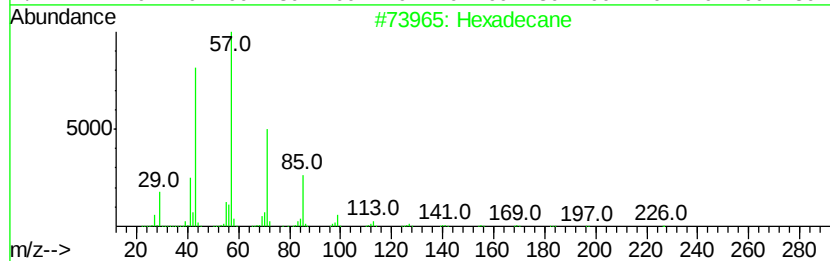
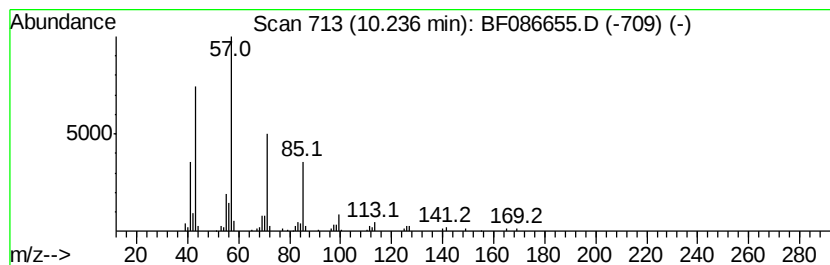
Instrument :  
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Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF042716.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 4 Hexadecane Concentration Rank 9

| R.T.    | EstConc              | Area         | Relative to ISTD | R.T.      |
|---------|----------------------|--------------|------------------|-----------|
| 10.24   | 2.87 ng              | 213323       | Acenaphthene-d10 | 9.79      |
| Hit# of | 5                    | Tentative ID | MW MolForm       | CAS# Qual |
| 1       | Hexadecane           | 226 C16H34   | 000544-76-3      | 91        |
| 2       | Eicosane             | 282 C20H42   | 000112-95-8      | 91        |
| 3       | Tridecane            | 184 C13H28   | 000629-50-5      | 83        |
| 4       | Tridecane, 2-methyl- | 198 C14H30   | 001560-96-9      | 83        |
| 5       | Decane, 3-bromo-     | 220 C10H21Br | 030571-71-2      | 80        |



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Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF042716.M  
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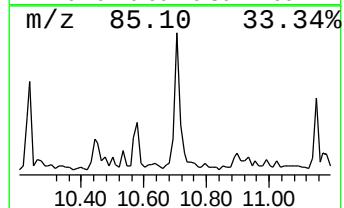
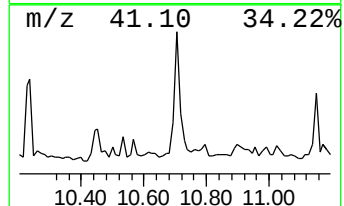
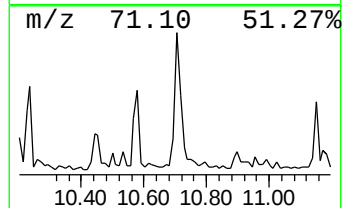
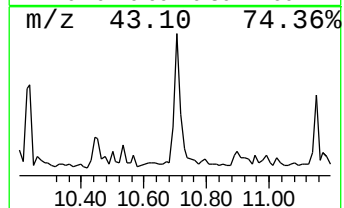
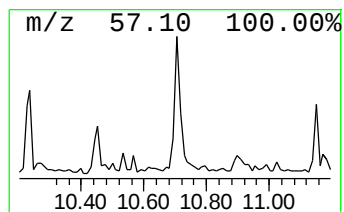
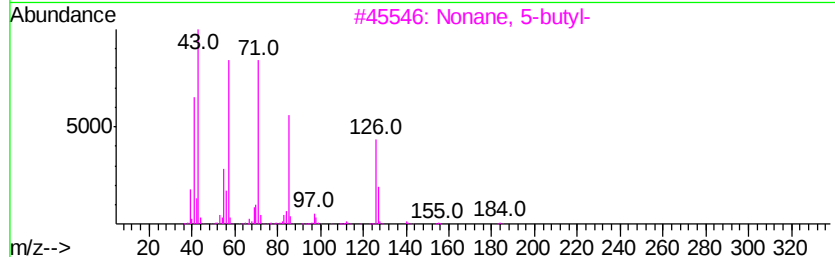
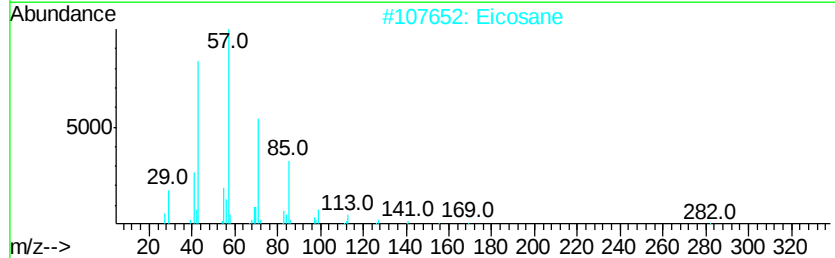
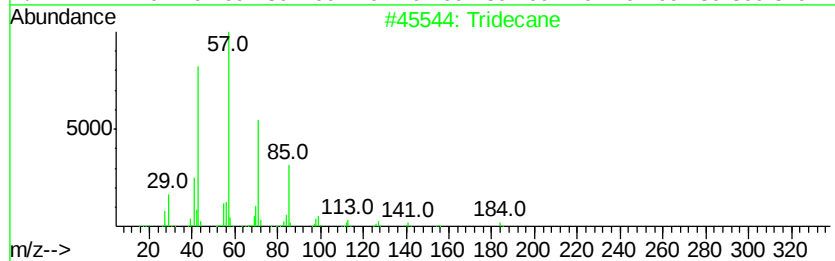
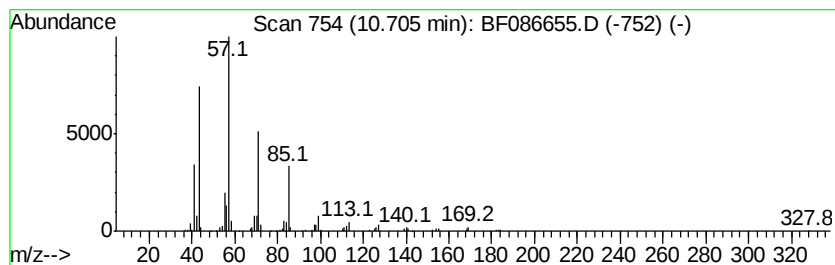
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 5 Tridecane Concentration Rank 6

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 10.70 | 3.73 ng | 242076 | Phenanthrene-d10 | 11.26 |

| Hit# of | 5                  | Tentative ID | MW  | MolForm | CAS#        | Qual |
|---------|--------------------|--------------|-----|---------|-------------|------|
| 1       | Tridecane          |              | 184 | C13H28  | 000629-50-5 | 95   |
| 2       | Eicosane           |              | 282 | C20H42  | 000112-95-8 | 91   |
| 3       | Nonane, 5-butyl-   |              | 184 | C13H28  | 017312-63-9 | 90   |
| 4       | Tridecane, 1-iodo- |              | 310 | C13H27I | 035599-77-0 | 90   |
| 5       | Pentadecane        |              | 212 | C15H32  | 000629-62-9 | 90   |



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Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF042716.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

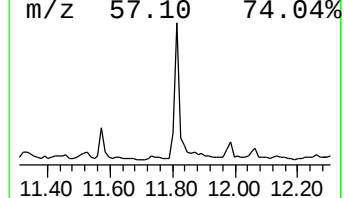
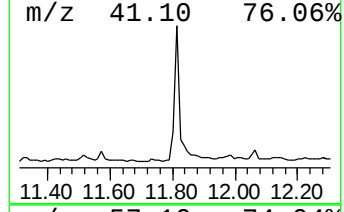
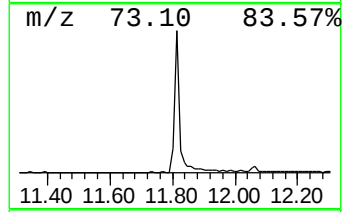
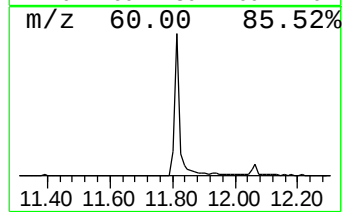
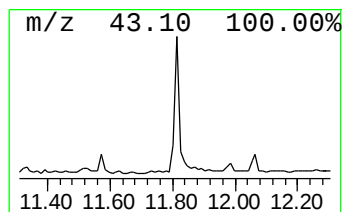
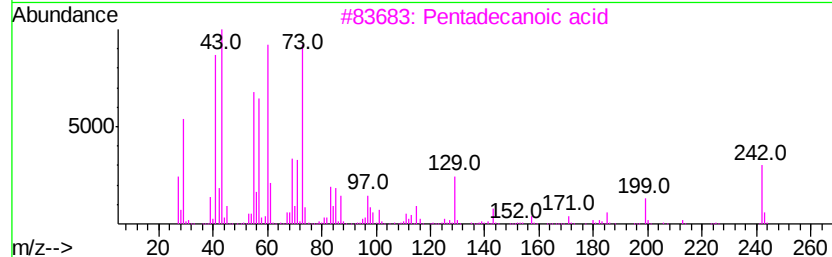
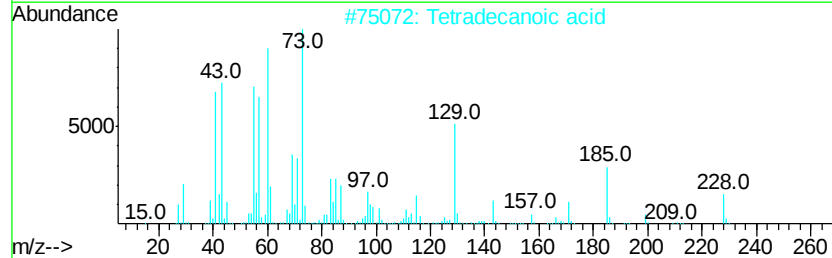
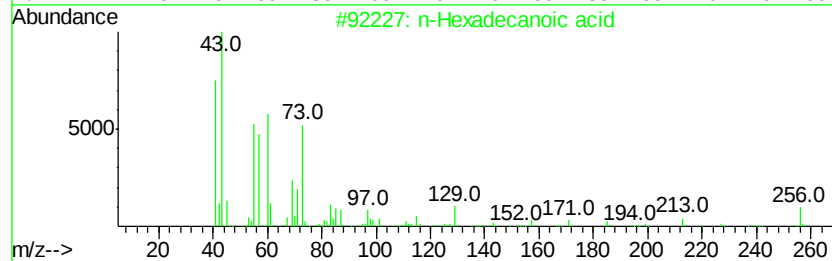
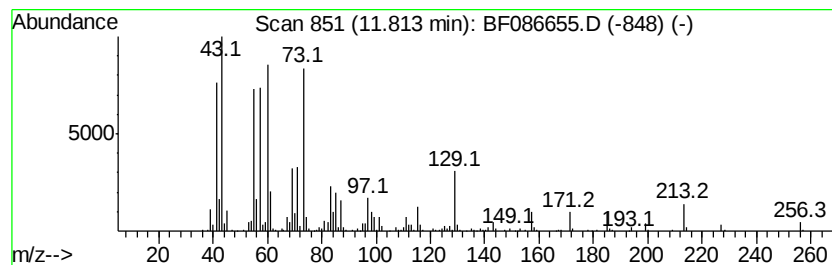
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 6 n-Hexadecanoic acid Concentration Rank 3

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 11.81 | 7.65 ng | 497258 | Phenanthrene-d10 | 11.26 |

| Hit# of 5 | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|-----------|---------------------|-----|----------|-------------|------|
| 1         | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 95   |
| 2         | Tetradecanoic acid  | 228 | C14H28O2 | 000544-63-8 | 87   |
| 3         | Pentadecanoic acid  | 242 | C15H30O2 | 001002-84-2 | 83   |
| 4         | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 83   |
| 5         | n-Decanoic acid     | 172 | C10H20O2 | 000334-48-5 | 50   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF050316\  
Data File : BF086655.D  
Acq On : 3 May 2016 20:16  
Operator : UM/SJ  
Sample : H2685-15  
Misc :  
ALS Vial : 45 Sample Multiplier: 1

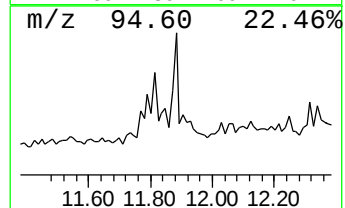
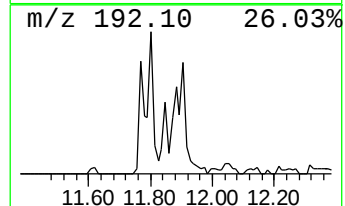
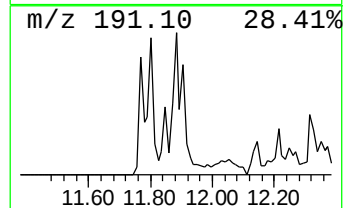
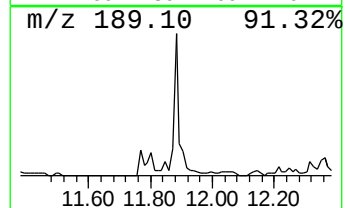
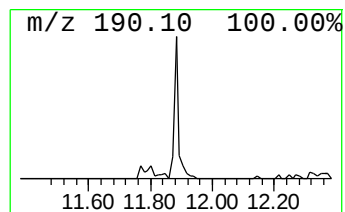
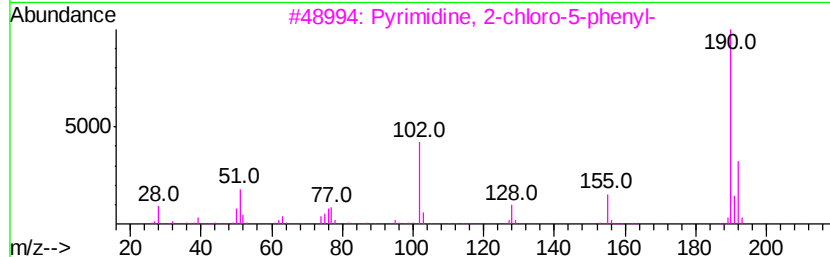
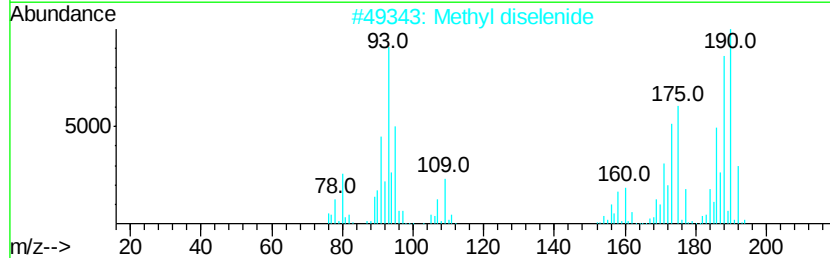
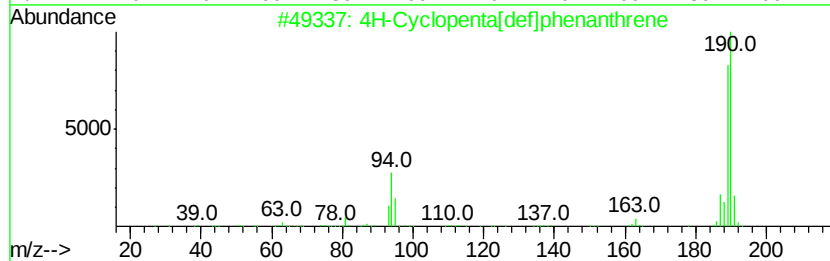
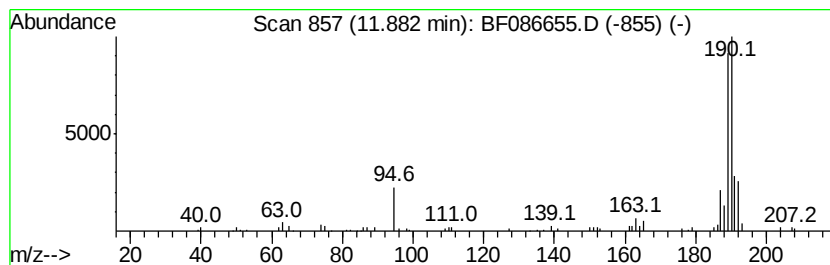
Instrument :  
BNA\_F  
ClientSampleId :  
26WARD-1B-CS-3(16-32FTBGS)

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF042716.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 11

| R.T.      | EstConc                             | Area   | Relative to ISTD | R.T.        |      |
|-----------|-------------------------------------|--------|------------------|-------------|------|
| 11.88     | 2.05 ng                             | 133397 | Phenanthrene-d10 | 11.26       |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm          | CAS#        | Qual |
| 1         | 4H-Cyclopenta[def]phenanthrene      | 190    | C15H10           | 000203-64-5 | 72   |
| 2         | Methyl diselenide                   | 190    | C2H6Se2          | 007101-31-7 | 60   |
| 3         | Pyrimidine, 2-chloro-5-phenyl-      | 190    | C10H7ClN2        | 022536-62-5 | 35   |
| 4         | 1,4-Naphthalenedione, 2,5-dihydr... | 190    | C10H6O4          | 004923-55-1 | 25   |
| 5         | 4,4'-Difluorobiphenyl               | 190    | C12H8F2          | 000398-23-2 | 23   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF050316\  
Data File : BF086655.D  
Acq On : 3 May 2016 20:16  
Operator : UM/SJ  
Sample : H2685-15  
Misc :  
ALS Vial : 45 Sample Multiplier: 1

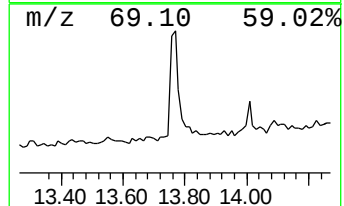
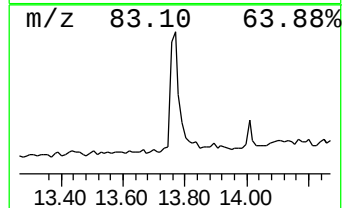
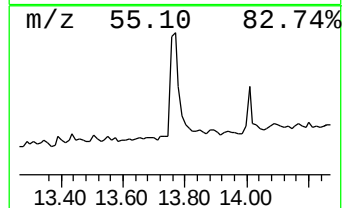
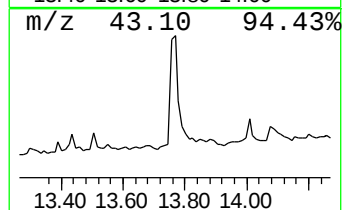
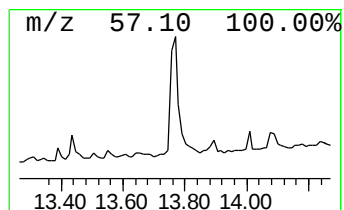
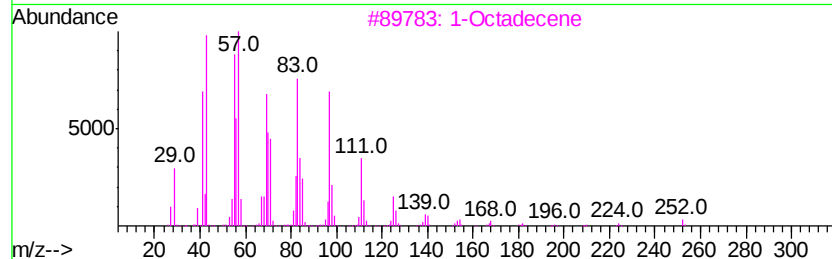
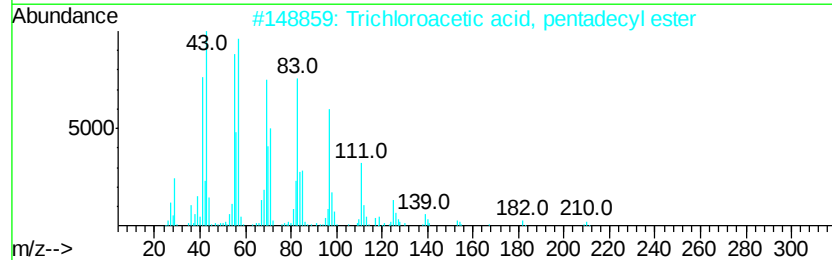
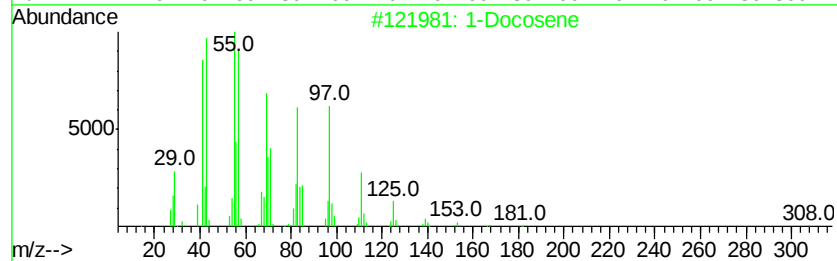
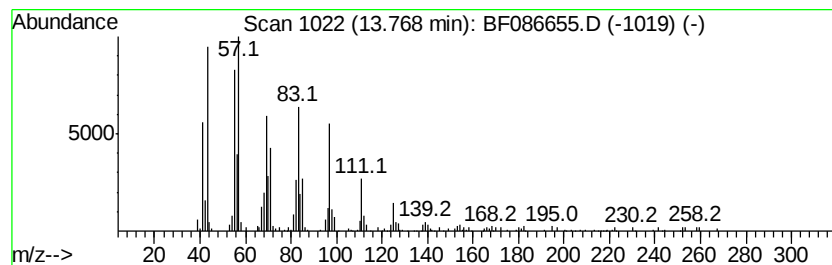
Instrument :  
BNA\_F  
ClientSampleId :  
26WARD-1B-CS-3(16-32FTBGS)

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF042716.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 8 1-Docosene Concentration Rank 5

| R.T.  | EstConc | Area   | Relative to ISTD                    |     | R.T.        |             |      |
|-------|---------|--------|-------------------------------------|-----|-------------|-------------|------|
| 13.77 | 3.89 ng | 324553 | Chrysene-d12                        |     | 13.90       |             |      |
| Hit#  | of      | 5      | Tentative ID                        | MW  | MolForm     | CAS#        | Qual |
| 1     |         |        | 1-Docosene                          | 308 | C22H44      | 001599-67-3 | 95   |
| 2     |         |        | Trichloroacetic acid, pentadecyl... | 372 | C17H31Cl3O2 | 074339-53-0 | 95   |
| 3     |         |        | 1-Octadecene                        | 252 | C18H36      | 000112-88-9 | 94   |
| 4     |         |        | 17-Pentatriacontene                 | 491 | C35H70      | 006971-40-0 | 91   |
| 5     |         |        | Trichloroacetic acid, hexadecyl ... | 386 | C18H33Cl3O2 | 074339-54-1 | 91   |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF050316\  
Data File : BF086655.D  
Acq On : 3 May 2016 20:16  
Operator : UM/SJ  
Sample : H2685-15  
Misc :  
ALS Vial : 45 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
26WARD-1B-CS-3(16-32FTBGS)

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

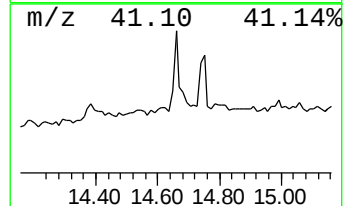
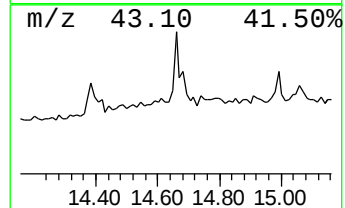
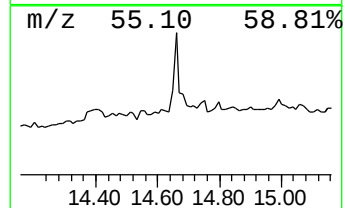
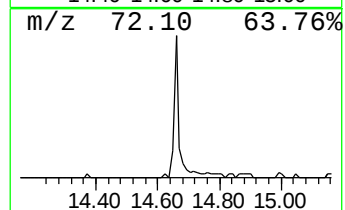
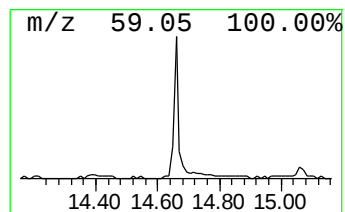
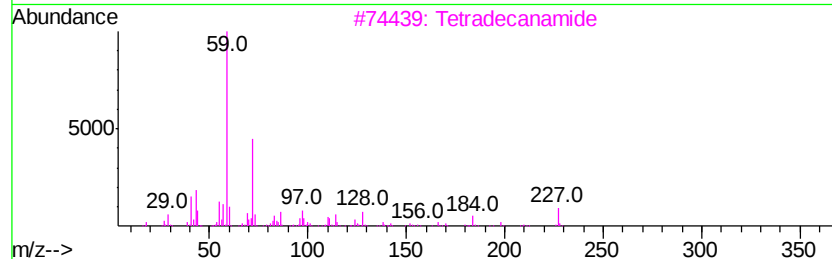
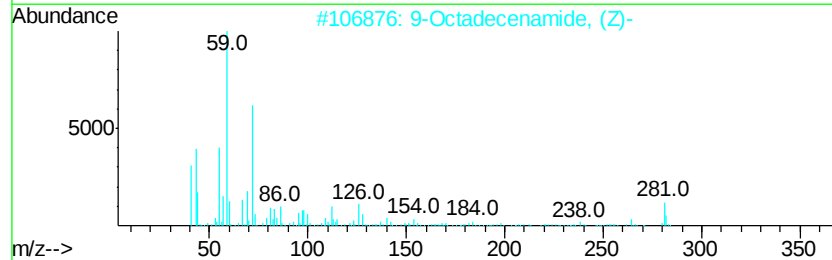
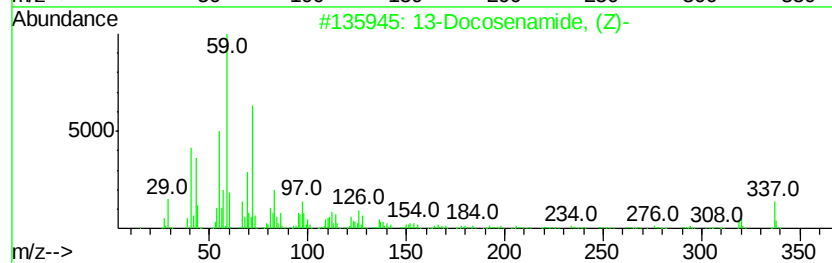
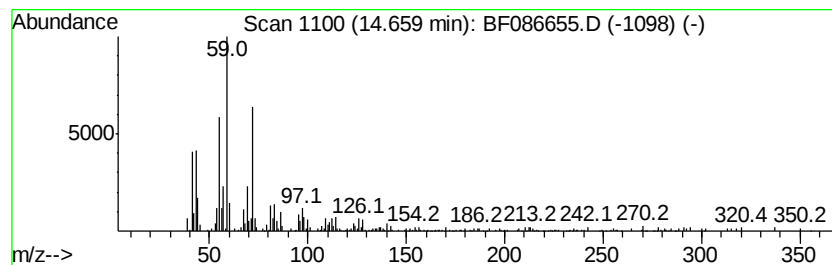
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 9 13-Docosenamide, (Z)- Concentration Rank 4

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 14.66 | 4.35 ng | 214219 | Perylene-d12     | 15.30 |

| Hit# | of | Tentative ID           | MW  | MolForm  | CAS#        | Qual |
|------|----|------------------------|-----|----------|-------------|------|
| 1    | 5  | 13-Docosenamide, (Z)-  | 337 | C22H43NO | 000112-84-5 | 94   |
| 2    |    | 9-Octadecenamide, (Z)- | 281 | C18H35NO | 000301-02-0 | 93   |
| 3    |    | Tetradecanamide        | 227 | C14H29NO | 000638-58-4 | 64   |
| 4    |    | Octadecanamide         | 283 | C18H37NO | 000124-26-5 | 59   |
| 5    |    | Nonanamide             | 157 | C9H19NO  | 001120-07-6 | 53   |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF050316\  
Data File : BF086655.D  
Acq On : 3 May 2016 20:16  
Operator : UM/SJ  
Sample : H2685-15  
Misc :  
ALS Vial : 45 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
26WARD-1B-CS-3(16-32FTBGS)

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

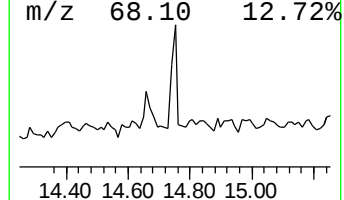
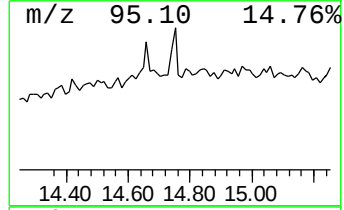
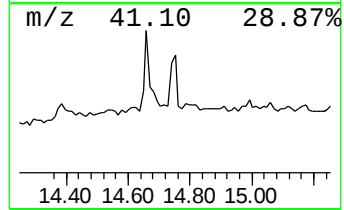
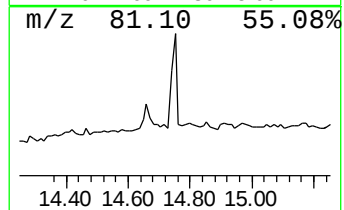
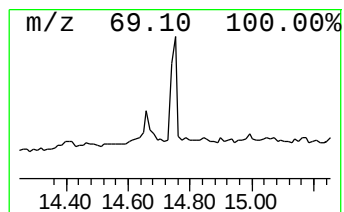
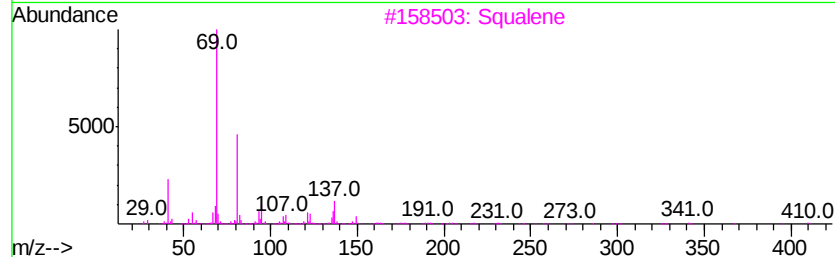
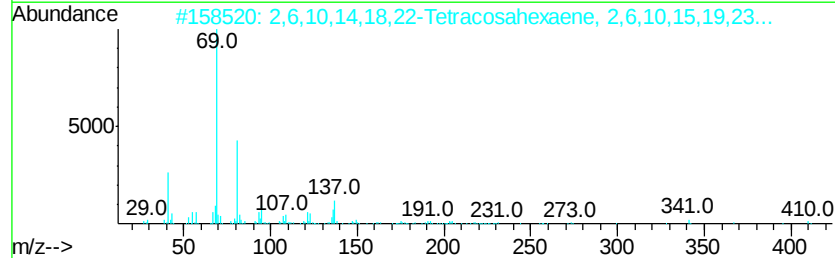
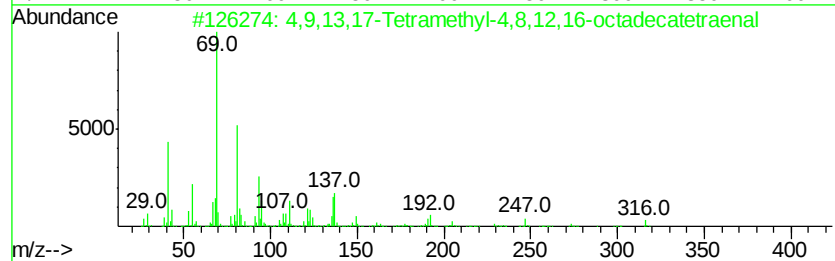
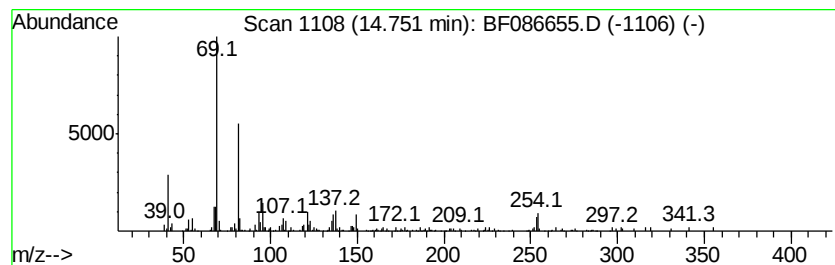
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 10 4,9,13,17-Tetramethyl-4,8,1... Concentration Rank 10

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 14.75 | 2.46 ng | 121188 | Perylene-d12     | 15.30 |

| Hit# | of                                  | 5   | Tentative ID | MW           | MolForm | CAS# | Qual |
|------|-------------------------------------|-----|--------------|--------------|---------|------|------|
| 1    | 4,9,13,17-Tetramethyl-4,8,12,16-... | 316 | C22H36O      | 056882-09-8  | 91      |      |      |
| 2    | 2,6,10,14,18,22-Tetracosahexaene... | 410 | C30H50       | 000111-02-4  | 83      |      |      |
| 3    | Squalene                            | 410 | C30H50       | 007683-64-9  | 74      |      |      |
| 4    | Docosa-2,6,10,14,18-pentaen-22-a... | 384 | C27H44O      | 1000163-04-7 | 64      |      |      |
| 5    | Farnesol isomer a                   | 222 | C15H26O      | 1000108-92-4 | 64      |      |      |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF050316\  
Data File : BF086655.D  
Acq On : 3 May 2016 20:16  
Operator : UM/SJ  
Sample : H2685-15  
Misc :  
ALS Vial : 45 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
26WARD-1B-CS-3(16-32FTBGS)

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF042716.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

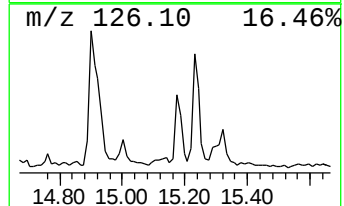
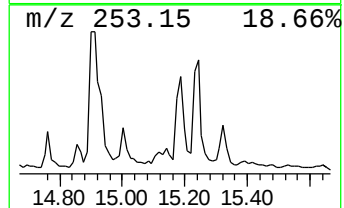
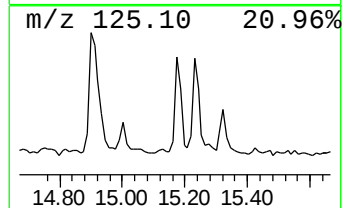
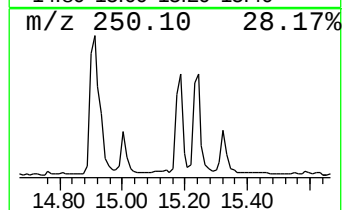
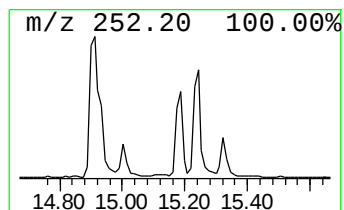
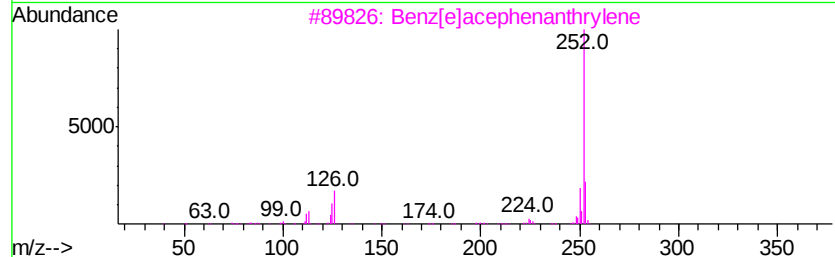
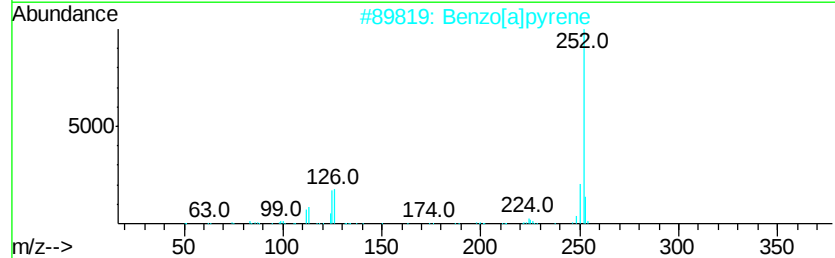
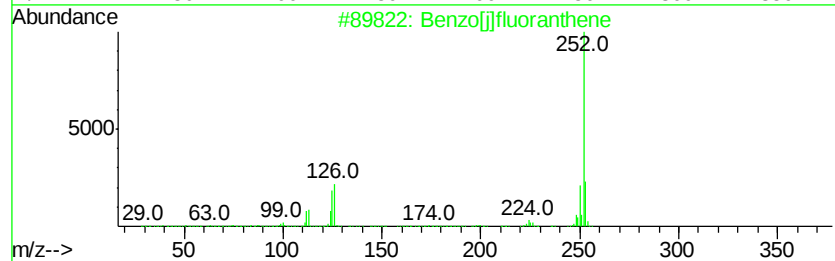
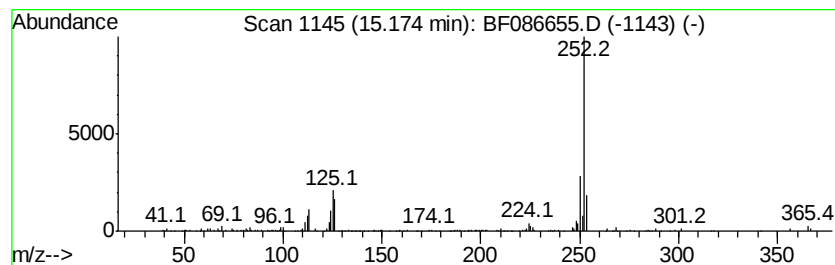
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 11 Benzo[j]fluoranthene Concentration Rank 7

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 15.17 | 3.11 ng | 152843 | Perylene-d12     | 15.30 |

| Hit# | of | 5 | Tentative ID              | MW  | MolForm | CAS#        | Qual |
|------|----|---|---------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzo[il]fluoranthene     | 252 | C20H12  | 000205-82-3 | 97   |
| 2    |    |   | Benzo[al]pyrene           | 252 | C20H12  | 000050-32-8 | 96   |
| 3    |    |   | Benzo[e]acephenanthrylene | 252 | C20H12  | 000205-99-2 | 96   |
| 4    |    |   | Benzo[el]pyrene           | 252 | C20H12  | 000192-97-2 | 95   |
| 5    |    |   | Perylene                  | 252 | C20H12  | 000198-55-0 | 93   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF050316\  
Data File : BF086655.D  
Acq On : 3 May 2016 20:16  
Operator : UM/SJ  
Sample : H2685-15  
Misc :  
ALS Vial : 45 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
26WARD-1B-CS-3(16-32FTBGS)

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF042716.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... | 4.94  | 3.0     | ng    | 186708   | 1                     | 6.75  | 1229160 | 20.0 |
| unknown6.52          | 6.52  | 91.2    | ng    | 5605260  | 1                     | 6.75  | 1229160 | 20.0 |
| Hexadecane           | 10.24 | 2.9     | ng    | 213323   | 3                     | 9.79  | 1488430 | 20.0 |
| Tridecane            | 10.70 | 3.7     | ng    | 242076   | 4                     | 11.26 | 1299690 | 20.0 |
| n-Hexadecanoic acid  | 11.81 | 7.7     | ng    | 497258   | 4                     | 11.26 | 1299690 | 20.0 |
| 4H-Cyclopenta[def... | 11.88 | 2.0     | ng    | 133397   | 4                     | 11.26 | 1299690 | 20.0 |
| 1-Docosene           | 13.77 | 3.9     | ng    | 324553   | 5                     | 13.90 | 1669350 | 20.0 |
| 13-Docosenamide, ... | 14.66 | 4.3     | ng    | 214219   | 6                     | 15.30 | 984135  | 20.0 |
| 4,9,13,17-Tetrame... | 14.75 | 2.5     | ng    | 121188   | 6                     | 15.30 | 984135  | 20.0 |
| Benzo[j]fluoranthene | 15.17 | 3.1     | ng    | 152843   | 6                     | 15.30 | 984135  | 20.0 |