

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012417\  
 Data File : BF092444.D  
 Acq On : 24 Jan 2017 22:18  
 Operator : UM/SJ  
 Sample : I1382-01  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 FK-GF-01-001-A

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-BF012417.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         | 4.819       | 238           | 239         | 248          | rVB      | 45823          | 59870         | 1.02%           | 0.111%        |
| 2         | 5.162       | 266           | 269         | 277          | rBV      | 1623095        | 2509557       | 42.57%          | 4.634%        |
| 3         | 5.562       | 301           | 304         | 307          | rBV      | 3689229        | 5894699       | 100.00%         | 10.886%       |
| 4         | 6.590       | 390           | 394         | 397          | rBV      | 4256573        | 5647481       | 95.81%          | 10.429%       |
| 5         | 6.739       | 403           | 407         | 409          | rBV      | 4222810        | 5760975       | 97.73%          | 10.639%       |
| 6         | 6.967       | 425           | 427         | 429          | rBV      | 1166548        | 1012349       | 17.17%          | 1.870%        |
| 7         | 7.127       | 438           | 441         | 443          | rBV      | 4189650        | 4237579       | 71.89%          | 7.826%        |
| 8         | 7.539       | 473           | 477         | 479          | rBV      | 2679397        | 3945774       | 66.94%          | 7.287%        |
| 9         | 8.259       | 537           | 540         | 542          | rBV      | 1490203        | 1376280       | 23.35%          | 2.542%        |
| 10        | 9.345       | 632           | 635         | 638          | rBV      | 4965892        | 5628888       | 95.49%          | 10.395%       |
| 11        | 9.733       | 667           | 669         | 671          | rBV      | 310097         | 344876        | 5.85%           | 0.637%        |
| 12        | 9.962       | 687           | 689         | 691          | rVB      | 69290          | 62767         | 1.06%           | 0.116%        |
| 13        | 10.031      | 692           | 695         | 696          | rVV      | 1097921        | 1487030       | 25.23%          | 2.746%        |
| 14        | 10.465      | 729           | 733         | 734          | rBV      | 137218         | 150466        | 2.55%           | 0.278%        |
| 15        | 10.682      | 749           | 752         | 755          | rBV      | 52107          | 78641         | 1.33%           | 0.145%        |
| 16        | 10.819      | 761           | 764         | 767          | rBV      | 2874046        | 3280436       | 55.65%          | 6.058%        |
| 17        | 10.934      | 772           | 774         | 779          | rVB      | 153370         | 219882        | 3.73%           | 0.406%        |
| 18        | 11.391      | 811           | 814         | 815          | rBV      | 116555         | 111117        | 1.89%           | 0.205%        |
| 19        | 11.516      | 822           | 825         | 826          | rBV      | 1743264        | 1500217       | 25.45%          | 2.770%        |
| 20        | 11.539      | 826           | 827         | 829          | rVV      | 225617         | 168555        | 2.86%           | 0.311%        |
| 21        | 11.585      | 829           | 831         | 833          | rVB      | 58743          | 71664         | 1.22%           | 0.132%        |
| 22        | 12.042      | 870           | 871         | 874          | rBV2     | 224778         | 263951        | 4.48%           | 0.487%        |
| 23        | 12.134      | 877           | 879         | 883          | rVB      | 40271          | 80538         | 1.37%           | 0.149%        |
| 24        | 12.728      | 928           | 931         | 933          | rBV      | 403512         | 357663        | 6.07%           | 0.660%        |
| 25        | 12.831      | 938           | 940         | 943          | rBV      | 74927          | 106067        | 1.80%           | 0.196%        |
| 26        | 12.957      | 947           | 951         | 953          | rBV      | 323803         | 361681        | 6.14%           | 0.668%        |
| 27        | 13.105      | 961           | 964         | 967          | rVB      | 3643475        | 5185574       | 87.97%          | 9.576%        |
| 28        | 13.997      | 1040          | 1042        | 1046         | rBV      | 331032         | 329091        | 5.58%           | 0.608%        |
| 29        | 14.157      | 1053          | 1056        | 1057         | rBV      | 944329         | 1346989       | 22.85%          | 2.487%        |
| 30        | 14.180      | 1057          | 1058        | 1061         | rVB      | 125747         | 108697        | 1.84%           | 0.201%        |
| 31        | 14.637      | 1095          | 1098        | 1099         | rBV2     | 67080          | 102901        | 1.75%           | 0.190%        |
| 32        | 15.025      | 1129          | 1132        | 1134         | rBV2     | 56449          | 96699         | 1.64%           | 0.179%        |
| 33        | 15.197      | 1144          | 1147        | 1152         | rVB      | 97066          | 233152        | 3.96%           | 0.431%        |
| 34        | 15.288      | 1153          | 1155        | 1160         | rVB2     | 66350          | 125887        | 2.14%           | 0.232%        |

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ALS Vial : 25 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
FK-GF-01-001-A

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-BF012417.M  
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 35 | 15.494 | 1171 | 1173 | 1176 | rVB  | 61628  | 86495  | 1.47%  | 0.160% |
| 36 | 15.563 | 1176 | 1179 | 1181 | rVB  | 81314  | 107619 | 1.83%  | 0.199% |
| 37 | 15.631 | 1182 | 1185 | 1188 | rBV  | 670335 | 941459 | 15.97% | 1.739% |
| 38 | 16.134 | 1226 | 1229 | 1230 | rBV  | 46246  | 82207  | 1.39%  | 0.152% |
| 39 | 16.168 | 1230 | 1232 | 1238 | rVB6 | 44745  | 105538 | 1.79%  | 0.195% |
| 40 | 17.094 | 1310 | 1313 | 1317 | rBV2 | 34346  | 67163  | 1.14%  | 0.124% |
| 41 | 17.540 | 1350 | 1352 | 1360 | rVB  | 33548  | 79111  | 1.34%  | 0.146% |
| 42 | 17.951 | 1386 | 1388 | 1394 | rVB5 | 29095  | 82621  | 1.40%  | 0.153% |
| 43 | 18.306 | 1415 | 1419 | 1424 | rBV6 | 40862  | 130186 | 2.21%  | 0.240% |
| 44 | 19.186 | 1492 | 1496 | 1506 | rVB9 | 37401  | 121479 | 2.06%  | 0.224% |
| 45 | 19.460 | 1517 | 1520 | 1525 | rVB6 | 32564  | 98788  | 1.68%  | 0.182% |

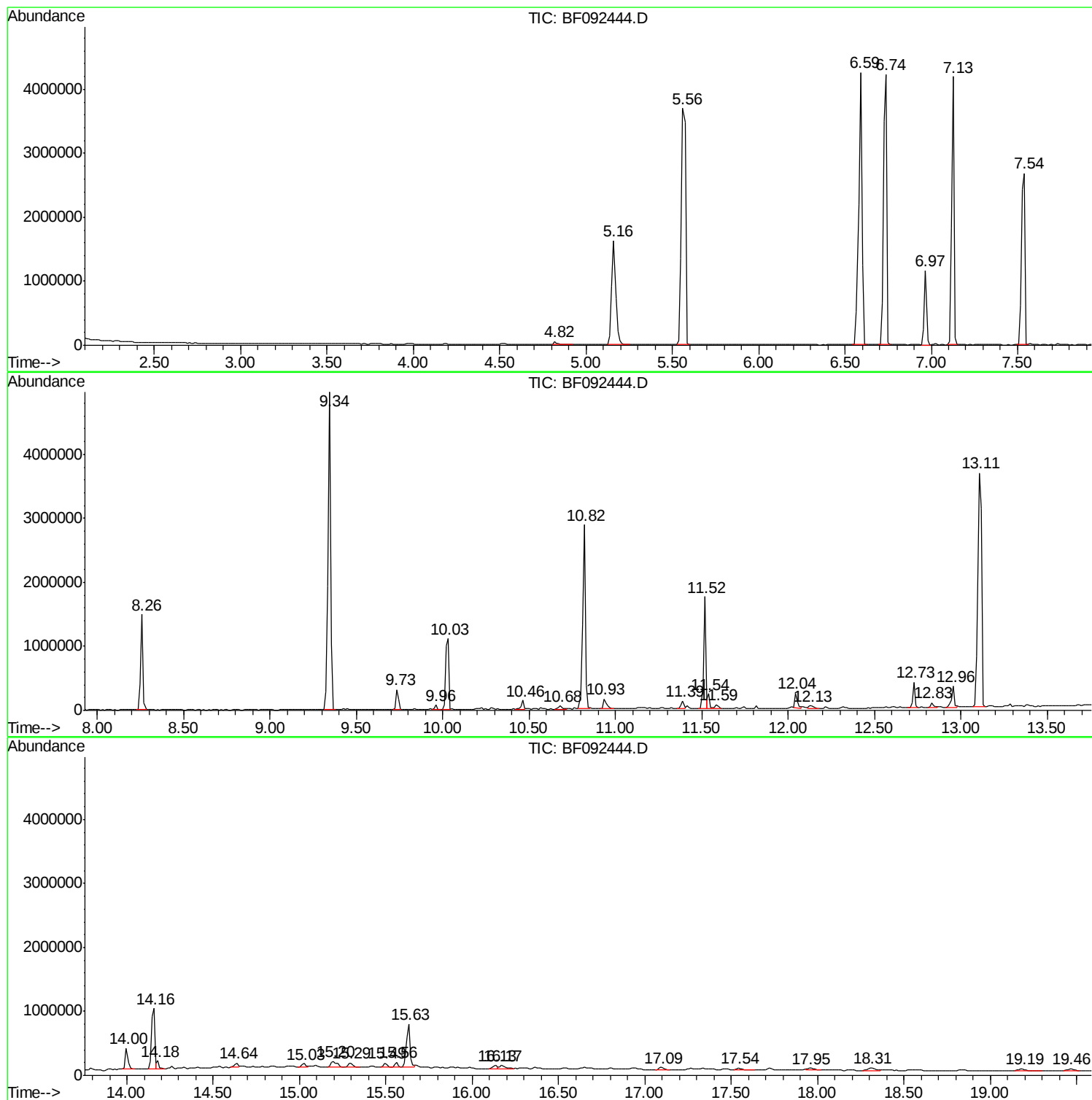
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Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF012417.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Misc :  
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FK-GF-01-001-A

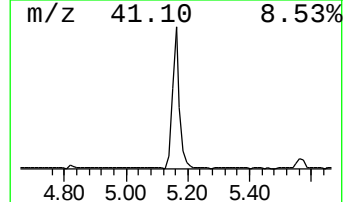
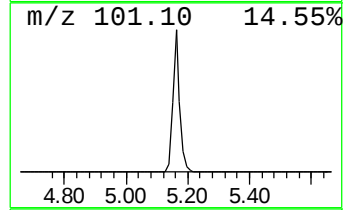
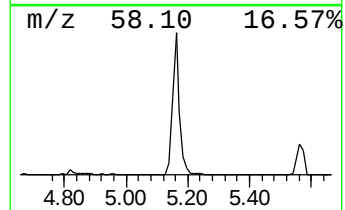
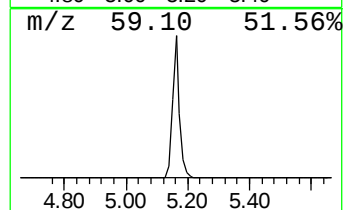
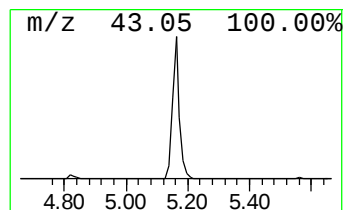
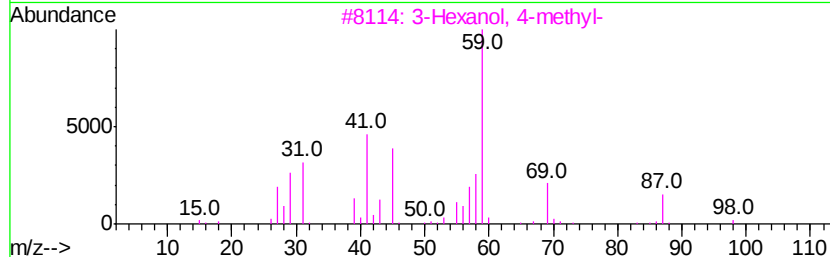
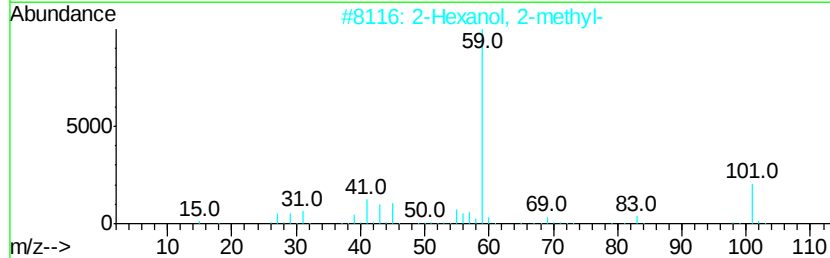
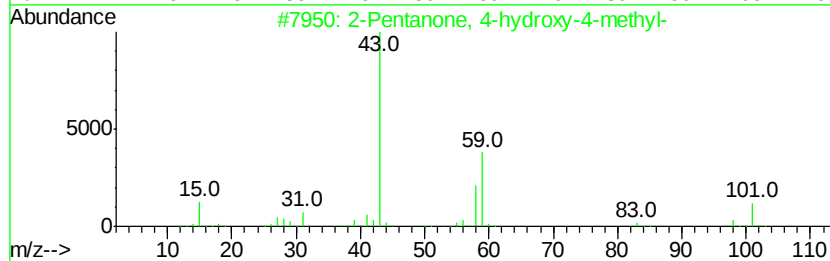
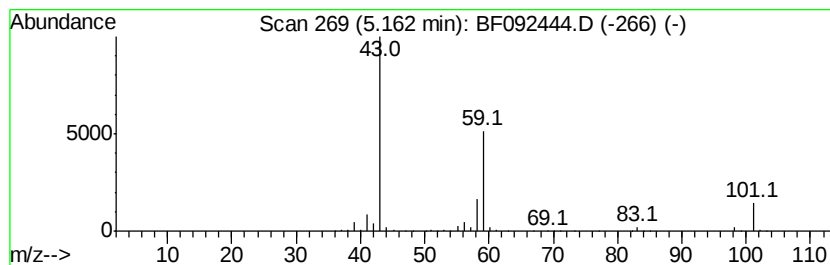
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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 3

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 5.16 | 49.58 ng | 2509560 | 1,4-Dichlorobenzene-d4 | 6.97 |

| Hit# | of | Tentative ID                         | MW  | MolForm  | CAS#        | Qual |
|------|----|--------------------------------------|-----|----------|-------------|------|
| 1    | 5  | 2-Pentanone, 4-hydroxy-4-methyl-     | 116 | C6H12O2  | 000123-42-2 | 59   |
| 2    |    | 2-Hexanol, 2-methyl-                 | 116 | C7H16O   | 000625-23-0 | 33   |
| 3    |    | 3-Hexanol, 4-methyl-                 | 116 | C7H16O   | 000615-29-2 | 33   |
| 4    |    | Acetic acid, cyano-, 1,1-dimethyl... | 141 | C7H11NO2 | 001116-98-9 | 25   |
| 5    |    | 1-Propen-2-ol, acetate               | 100 | C5H8O2   | 000108-22-5 | 10   |



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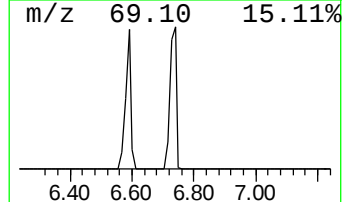
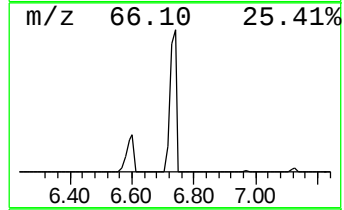
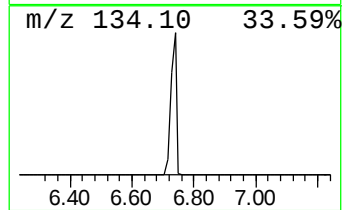
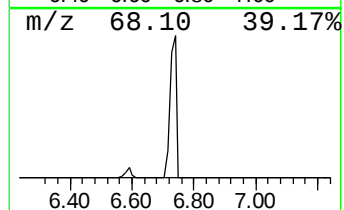
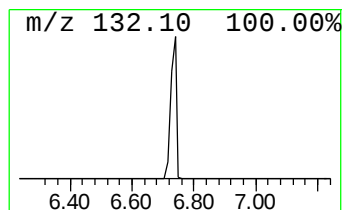
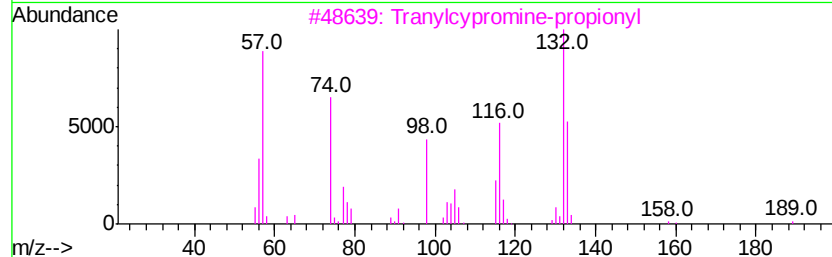
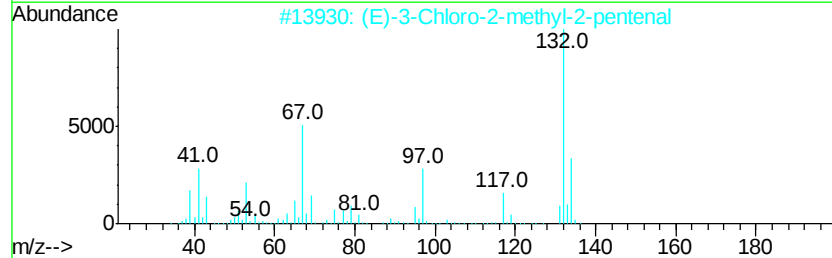
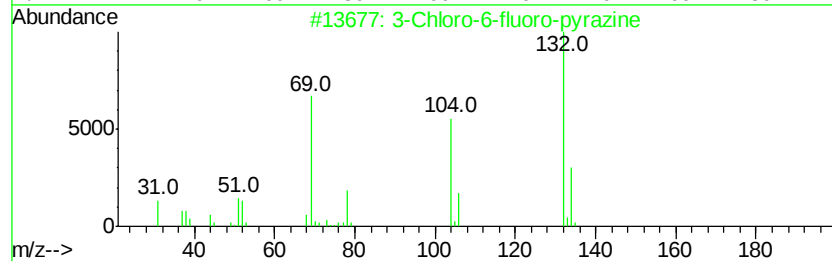
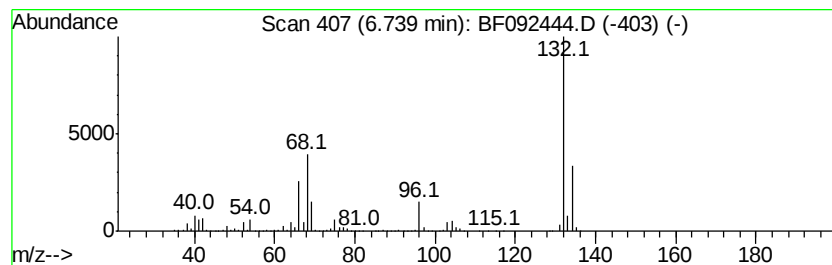
Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF012417.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 2 unknown6.74 Concentration Rank 1

| R.T. | EstConc   | Area    | Relative to ISTD       | R.T. |
|------|-----------|---------|------------------------|------|
| 6.74 | 113.81 ng | 5760980 | 1,4-Dichlorobenzene-d4 | 6.97 |

| Hit# | of | Tentative ID                     | MW  | MolForm   | CAS#         | Qual |
|------|----|----------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 3-Chloro-6-fluoro-pyrazine       | 132 | C4H2ClFN2 | 1000146-10-7 | 27   |
| 2    |    | (E)-3-Chloro-2-methyl-2-pentenal | 132 | C6H9ClO   | 031357-76-3  | 12   |
| 3    |    | Tranvlcypropine-propionyl        | 189 | C12H15NO  | 1000123-86-3 | 12   |
| 4    |    | 5-Aminoindole                    | 132 | C8H8N2    | 005192-03-0  | 9    |
| 5    |    | (5-METHYL-2-PYRIDYL)ACETONITRILE | 132 | C8H8N2    | 1000241-93-9 | 9    |



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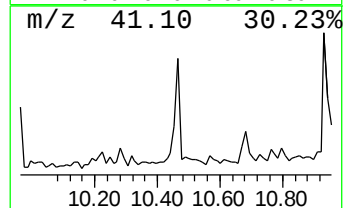
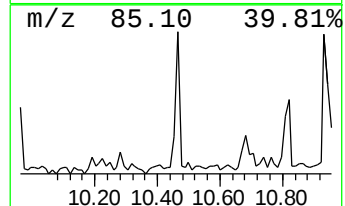
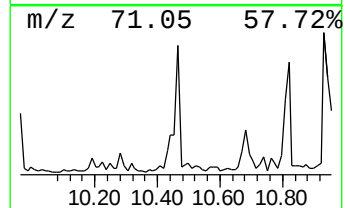
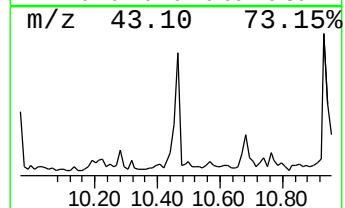
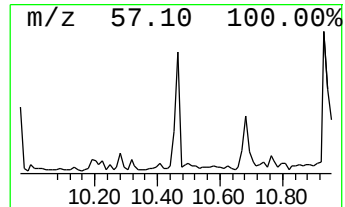
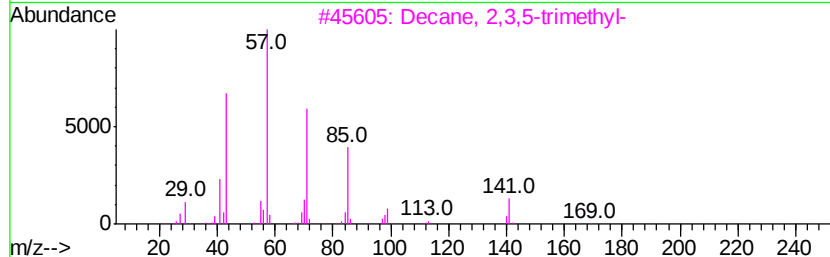
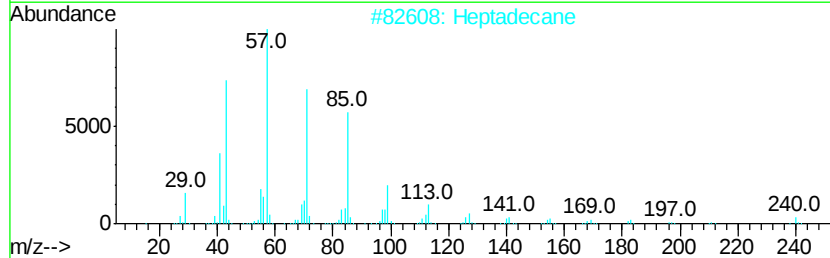
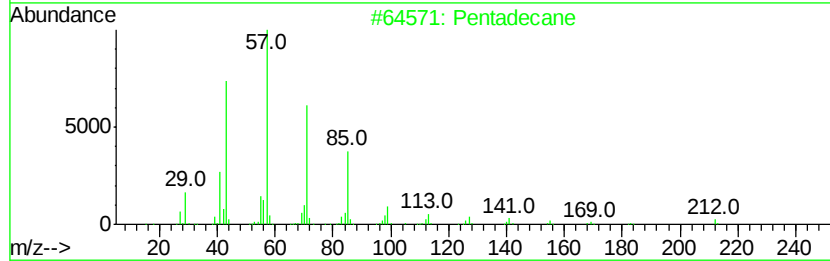
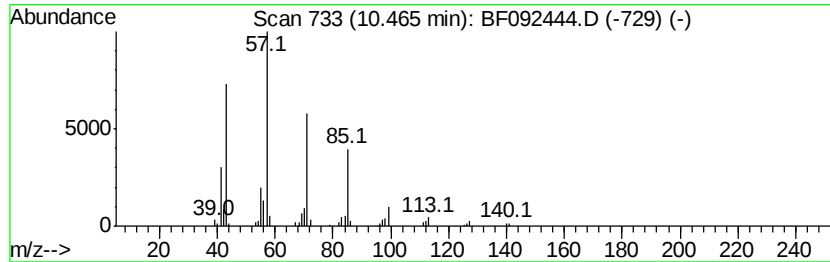
Instrument :  
BNA\_F  
ClientSampleId :  
FK-GF-01-001-A

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.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 Pentadecane Concentration Rank 13

| R.T.    | EstConc                  | Area         | Relative to ISTD | R.T.      |
|---------|--------------------------|--------------|------------------|-----------|
| 10.46   | 2.02 ng                  | 150466       | Acenaphthene-d10 | 10.03     |
| Hit# of | 5                        | Tentative ID | MW MolForm       | CAS# Qual |
| 1       | Pentadecane              | 212 C15H32   | 000629-62-9      | 90        |
| 2       | Heptadecane              | 240 C17H36   | 000629-78-7      | 83        |
| 3       | Decane, 2,3,5-trimethyl- | 184 C13H28   | 062238-11-3      | 83        |
| 4       | Hexadecane               | 226 C16H34   | 000544-76-3      | 80        |
| 5       | Nonane, 5-butyl-         | 184 C13H28   | 017312-63-9      | 72        |



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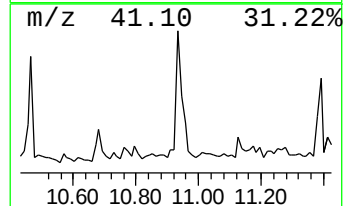
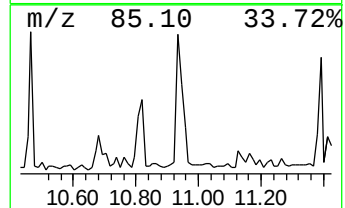
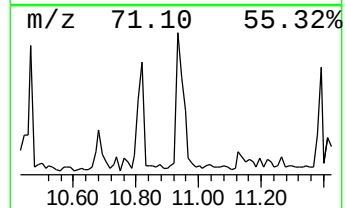
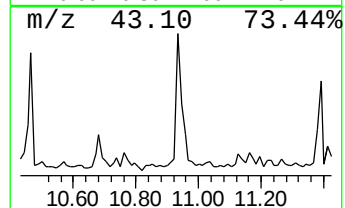
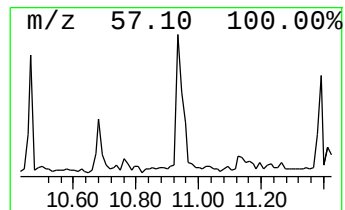
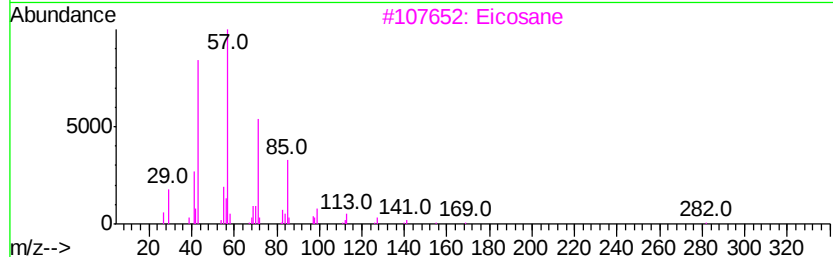
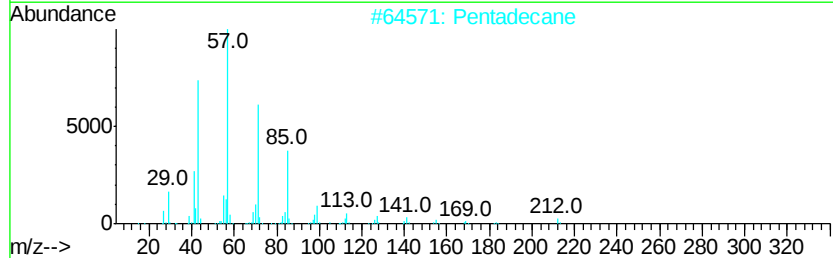
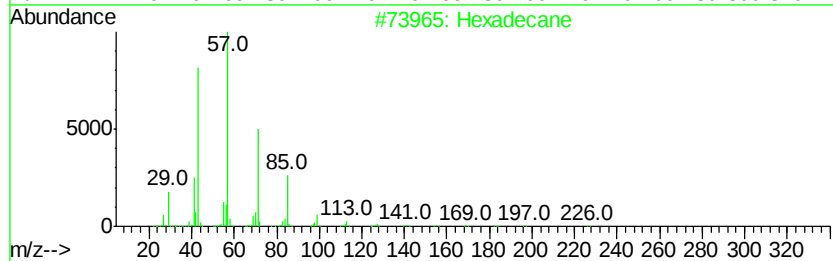
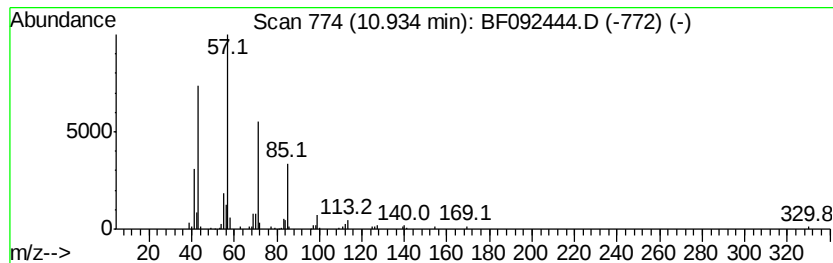
Instrument :  
 BNA\_F  
 ClientSampleId :  
 FK-GF-01-001-A

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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 5 Hexadecane Concentration Rank 6

| R.T.      | EstConc                     | Area   | Relative to ISTD | R.T.        |      |
|-----------|-----------------------------|--------|------------------|-------------|------|
| 10.93     | 2.93 ng                     | 219882 | Phenanthrene-d10 | 11.52       |      |
| Hit# of 5 | Tentative ID                | MW     | MolForm          | CAS#        | Qual |
| 1         | Hexadecane                  | 226    | C16H34           | 000544-76-3 | 91   |
| 2         | Pentadecane                 | 212    | C15H32           | 000629-62-9 | 83   |
| 3         | Eicosane                    | 282    | C20H42           | 000112-95-8 | 83   |
| 4         | Nonane, 5-(2-methylpropyl)- | 184    | C13H28           | 062185-53-9 | 64   |
| 5         | Undecane, 4,5-dimethyl-     | 184    | C13H28           | 017312-79-7 | 64   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF012417\  
Data File : BF092444.D  
Acq On : 24 Jan 2017 22:18  
Operator : UM/SJ  
Sample : I1382-01  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
FK-GF-01-001-A

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF012417.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

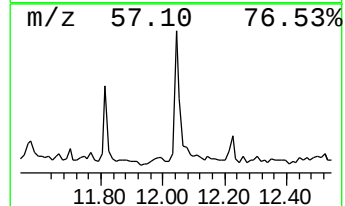
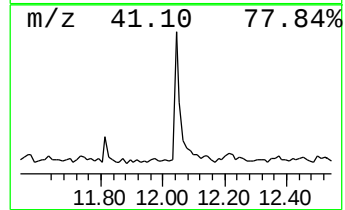
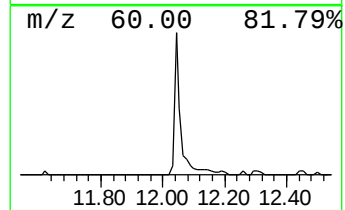
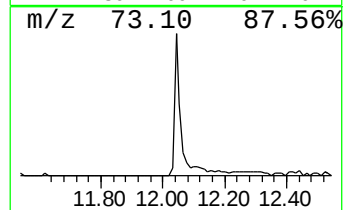
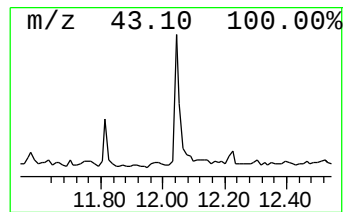
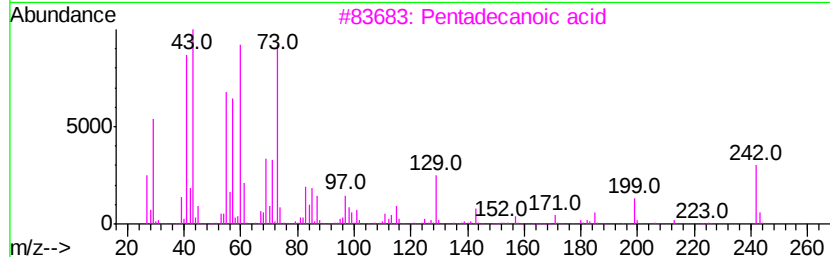
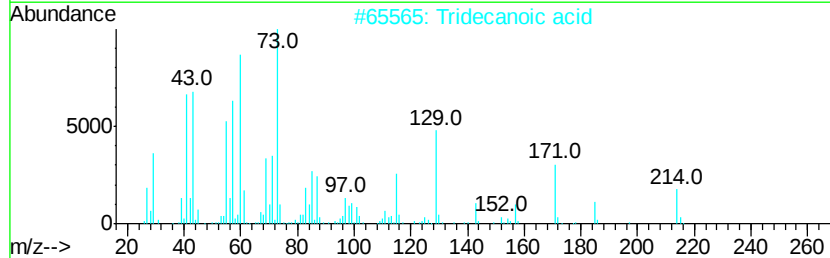
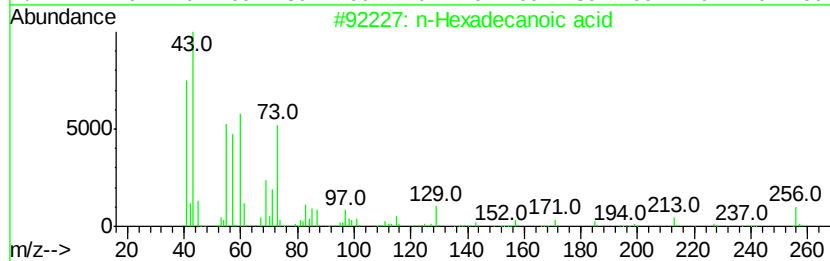
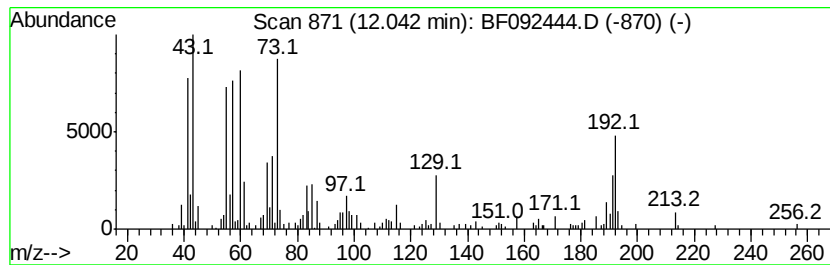
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TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 6 n-Hexadecanoic acid Concentration Rank 5

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 12.04 | 3.52 ng | 263951 | Phenanthrene-d10 | 11.52 |

| Hit# | of | Tentative ID                        | MW  | MolForm   | CAS#        | Qual |
|------|----|-------------------------------------|-----|-----------|-------------|------|
| 1    | 5  | n-Hexadecanoic acid                 | 256 | C16H32O2  | 000057-10-3 | 95   |
| 2    |    | Tridecanoic acid                    | 214 | C13H26O2  | 000638-53-9 | 78   |
| 3    |    | Pentadecanoic acid                  | 242 | C15H30O2  | 001002-84-2 | 53   |
| 4    |    | Tetradecanoic acid                  | 228 | C14H28O2  | 000544-63-8 | 49   |
| 5    |    | D-Glucose, 4-O-.alpha.-D-glucopy... | 342 | C12H22O11 | 000069-79-4 | 47   |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF012417\  
Data File : BF092444.D  
Acq On : 24 Jan 2017 22:18  
Operator : UM/SJ  
Sample : I1382-01  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
FK-GF-01-001-A

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

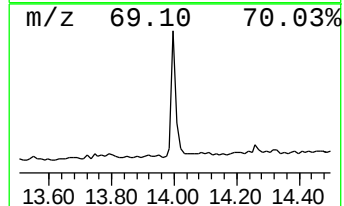
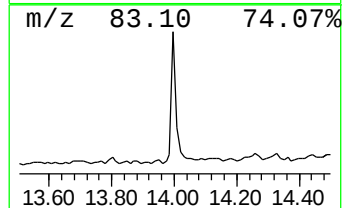
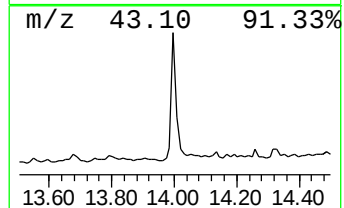
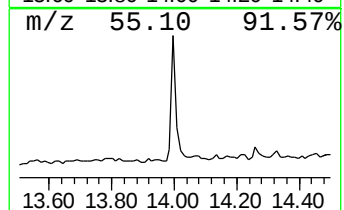
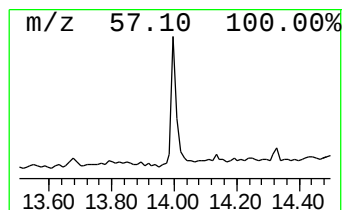
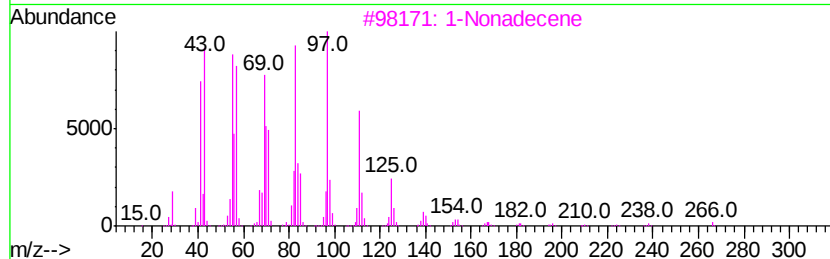
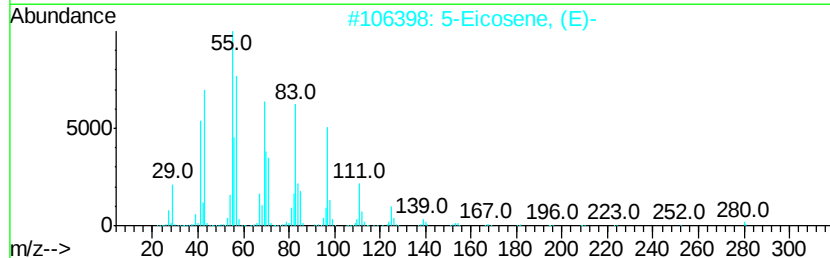
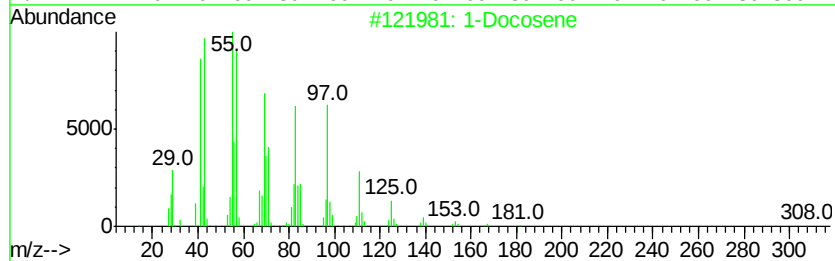
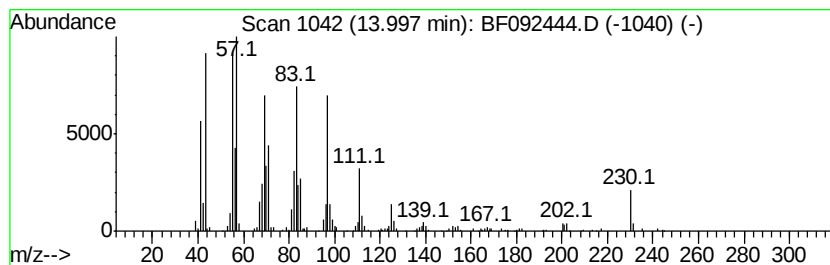
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TIC Integration Parameters: LSCINT.P

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Peak Number 7 1-Docosene Concentration Rank 4

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 14.00 | 4.89 ng | 329091 | Chrysene-d12     | 14.16 |

| Hit# | of | Tentative ID     | MW  | MolForm | CAS#        | Qual |
|------|----|------------------|-----|---------|-------------|------|
| 1    | 5  | 1-Docosene       | 308 | C22H44  | 001599-67-3 | 93   |
| 2    |    | 5-Eicosene, (E)- | 280 | C20H40  | 074685-30-6 | 90   |
| 3    |    | 1-Nonadecene     | 266 | C19H38  | 018435-45-5 | 90   |
| 4    |    | 3-Eicosene, (E)- | 280 | C20H40  | 074685-33-9 | 90   |
| 5    |    | 11-Tricosene     | 322 | C23H46  | 052078-56-5 | 87   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF012417\  
Data File : BF092444.D  
Acq On : 24 Jan 2017 22:18  
Operator : UM/SJ  
Sample : I1382-01  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

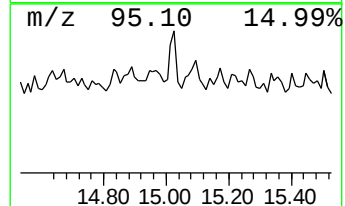
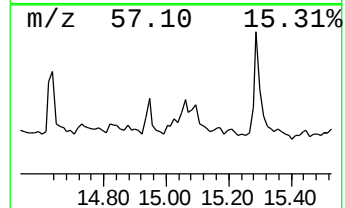
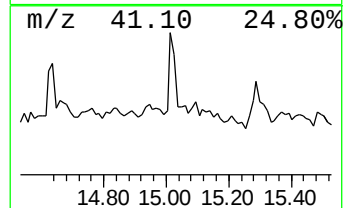
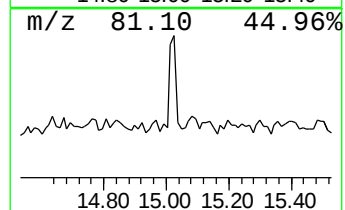
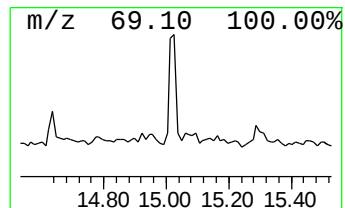
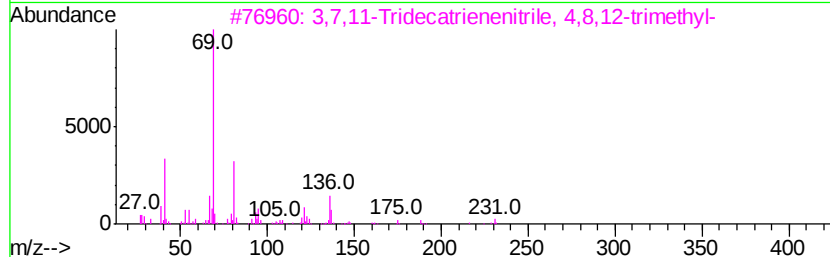
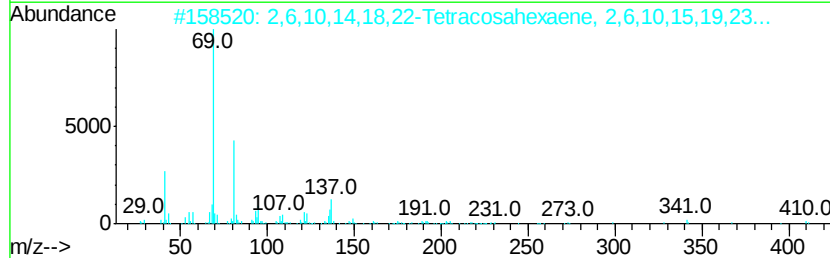
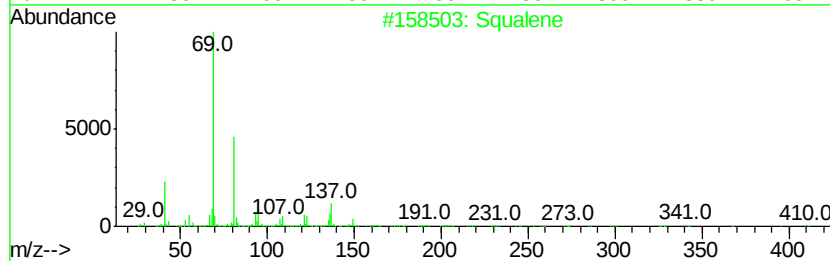
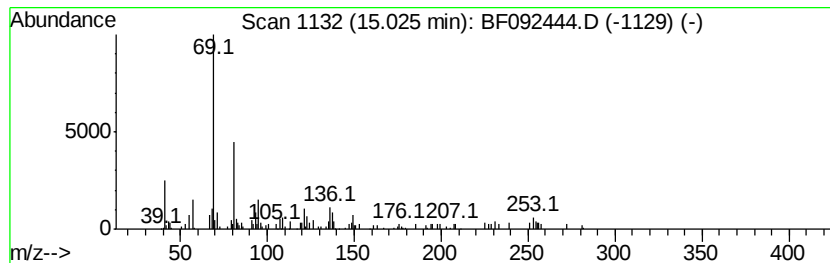
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ClientSampleId :  
FK-GF-01-001-A

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF012417.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 8 Squalene Concentration Rank 12

| R.T.    | EstConc                             | Area         | Relative to ISTD | R.T.      |
|---------|-------------------------------------|--------------|------------------|-----------|
| 15.03   | 2.05 ng                             | 96699        | Perylene-d12     | 15.63     |
| Hit# of | 5                                   | Tentative ID | MW MolForm       | CAS# Qual |
| 1       | Squalene                            | 410 C30H50   | 007683-64-9      | 74        |
| 2       | 2,6,10,14,18,22-Tetracosahexaene... | 410 C30H50   | 000111-02-4      | 72        |
| 3       | 3,7,11-Tridecatrienitrile, 4,8...   | 231 C16H25N  | 006006-01-5      | 64        |
| 4       | Hexadeca-2,6,10,14-tetraen-1-ol,... | 290 C20H34O  | 007614-21-3      | 56        |
| 5       | 2,6,10,14-Hexadecatetraen-1-ol, ... | 332 C22H36O2 | 061691-98-3      | 56        |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF012417\  
Data File : BF092444.D  
Acq On : 24 Jan 2017 22:18  
Operator : UM/SJ  
Sample : I1382-01  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

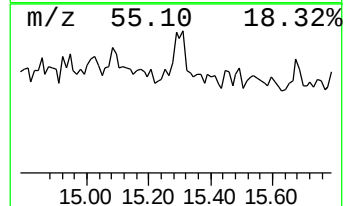
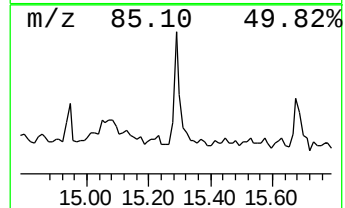
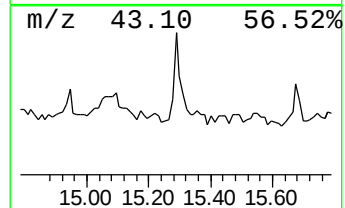
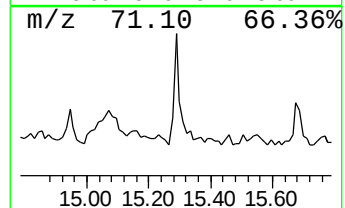
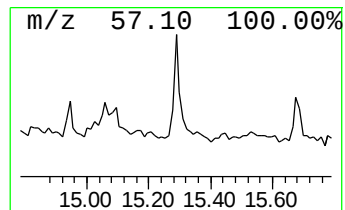
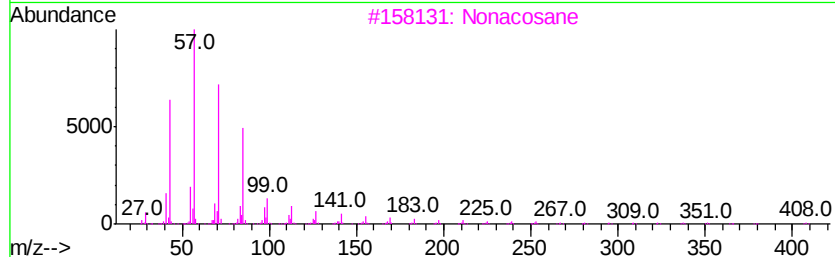
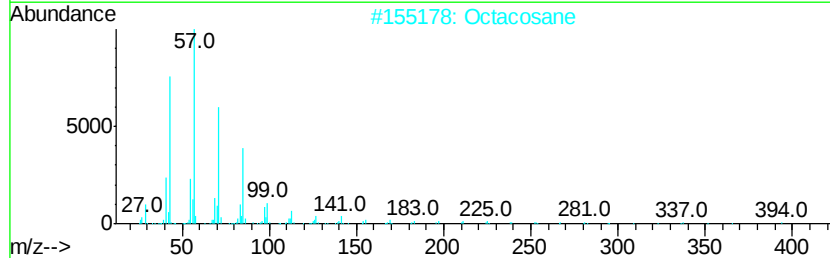
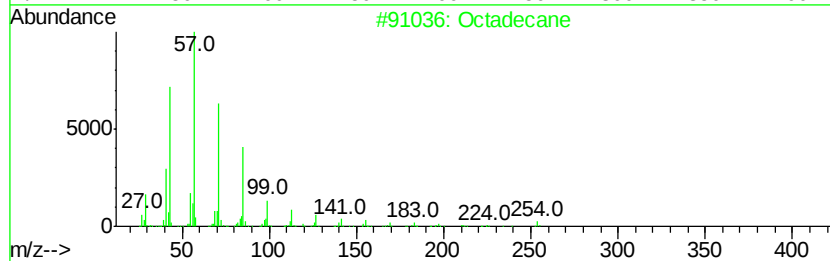
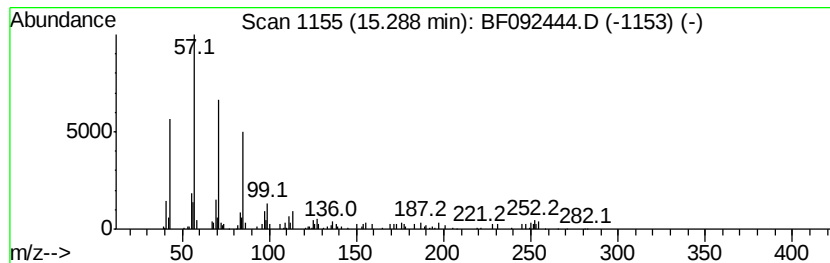
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ClientSampleId :  
FK-GF-01-001-A

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF012417.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 9 Octadecane Concentration Rank 8

| R.T.    | EstConc                | Area         | Relative to ISTD | R.T.      |
|---------|------------------------|--------------|------------------|-----------|
| 15.29   | 2.67 ng                | 125887       | Perylene-d12     | 15.63     |
| Hit# of | 5                      | Tentative ID | MW MolForm       | CAS# Qual |
| 1       | Octadecane             | 254 C18H38   | 000593-45-3      | 93        |
| 2       | Octacosane             | 394 C28H58   | 000630-02-4      | 87        |
| 3       | Nonacosane             | 408 C29H60   | 000630-03-5      | 87        |
| 4       | Pentadecane, 8-heptyl- | 310 C22H46   | 071005-15-7      | 86        |
| 5       | Docosane               | 310 C22H46   | 000629-97-0      | 86        |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF012417\  
Data File : BF092444.D  
Acq On : 24 Jan 2017 22:18  
Operator : UM/SJ  
Sample : I1382-01  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
FK-GF-01-001-A

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

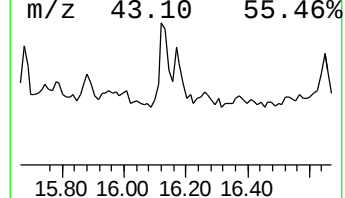
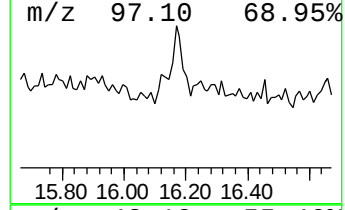
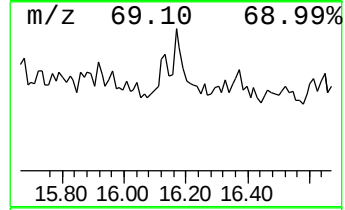
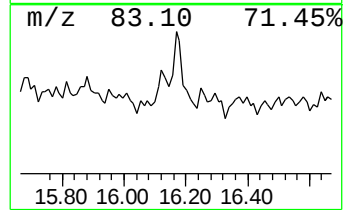
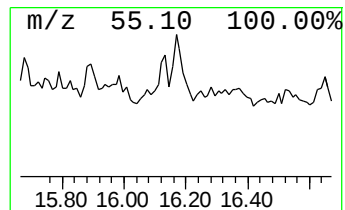
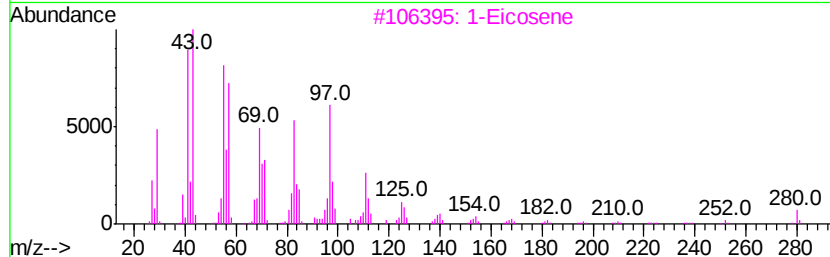
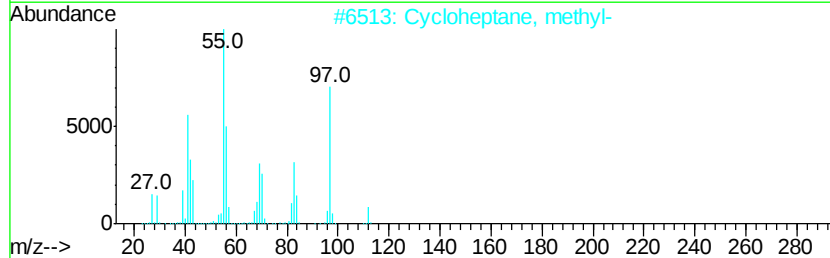
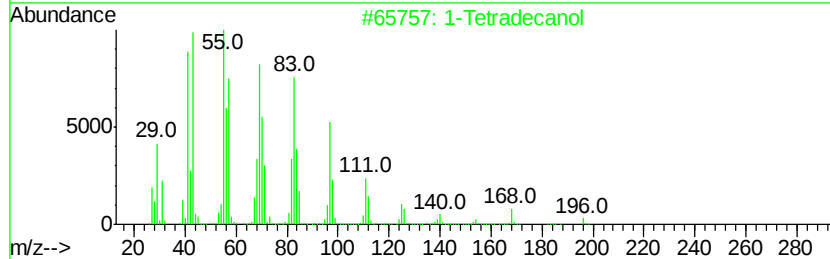
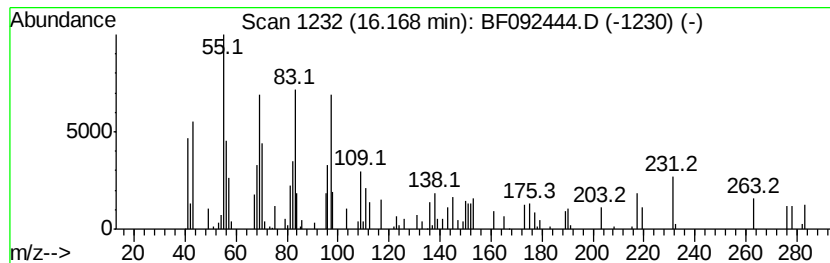
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TIC Integration Parameters: LSCINT.P

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Peak Number 10 unknown16.17 Concentration Rank 10

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 16.17 | 2.24 ng | 105538 | Perylene-d12     | 15.63 |

| Hit# | of | 5 | Tentative ID          | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------|-----|---------|-------------|------|
| 1    |    |   | 1-Tetradecanol        | 214 | C14H30O | 000112-72-1 | 49   |
| 2    |    |   | Cycloheptane, methyl- | 112 | C8H16   | 004126-78-7 | 43   |
| 3    |    |   | 1-Eicosene            | 280 | C20H40  | 003452-07-1 | 43   |
| 4    |    |   | Cyclotetradecane      | 196 | C14H28  | 000295-17-0 | 43   |
| 5    |    |   | 1-Tetracosanol        | 354 | C24H50O | 000506-51-4 | 43   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF012417\  
Data File : BF092444.D  
Acq On : 24 Jan 2017 22:18  
Operator : UM/SJ  
Sample : I1382-01  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
FK-GF-01-001-A

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF012417.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

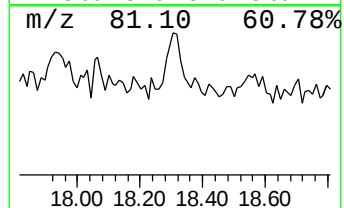
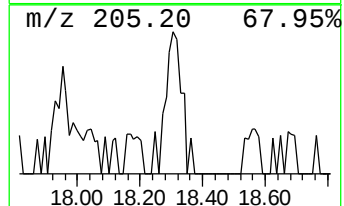
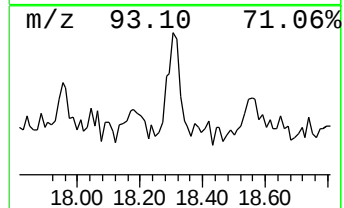
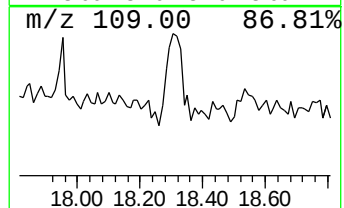
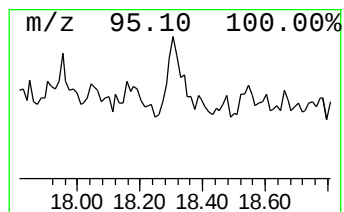
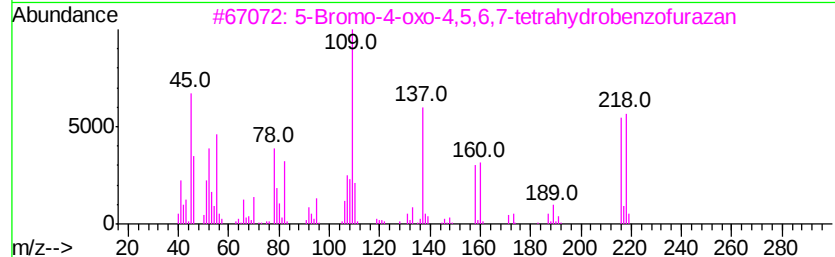
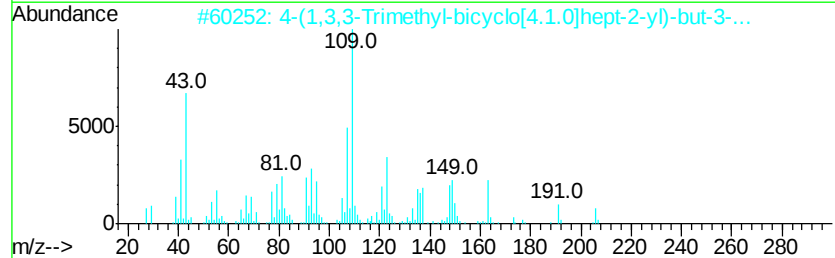
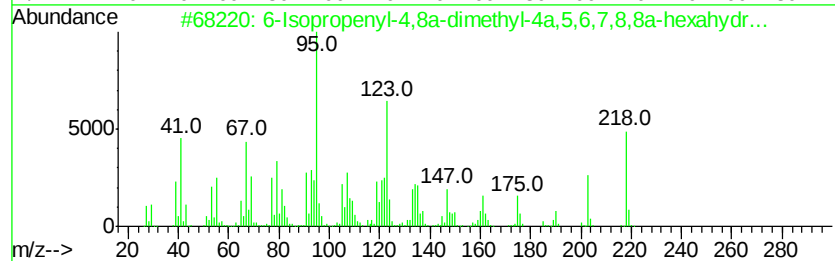
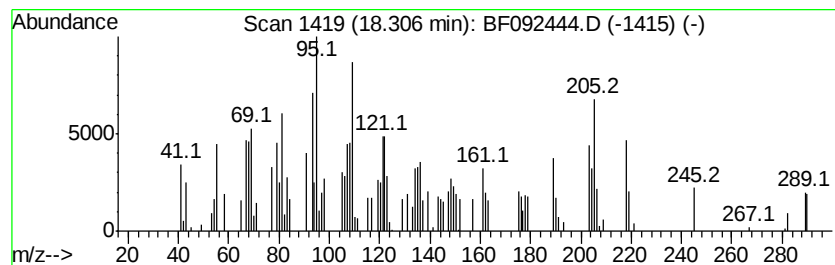
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TIC Integration Parameters: LSCINT.P

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Peak Number 11 unknown18.31 Concentration Rank 7

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 18.31 | 2.77 ng | 130186 | Perylene-d12     | 15.63 |

| Hit# | of | Tentative ID                        | MW  | MolForm    | CAS#         | Qual |
|------|----|-------------------------------------|-----|------------|--------------|------|
| 1    | 5  | 6-Isopropenyl-4,8a-dimethyl-4a,5... | 218 | C15H22O    | 086917-79-5  | 38   |
| 2    |    | 4-(1,3,3-Trimethyl-bicyclo[4.1.0... | 206 | C14H22O    | 077143-31-8  | 35   |
| 3    |    | 5-Bromo-4-oxo-4,5,6,7-tetrahydro... | 216 | C6H5BrN2O2 | 300574-36-1  | 20   |
| 4    |    | 8-Vinylbicyclo[3.3.1]non-3-ene-2... | 176 | C11H12O2   | 1000211-11-1 | 15   |
| 5    |    | 3-Cyclohexene-1-methanol, .alpha... | 222 | C15H26O    | 023178-88-3  | 14   |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF012417\  
Data File : BF092444.D  
Acq On : 24 Jan 2017 22:18  
Operator : UM/SJ  
Sample : I1382-01  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
FK-GF-01-001-A

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

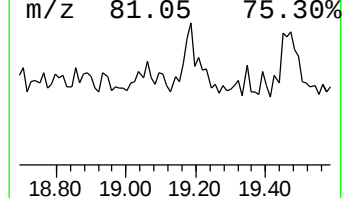
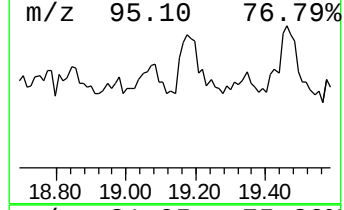
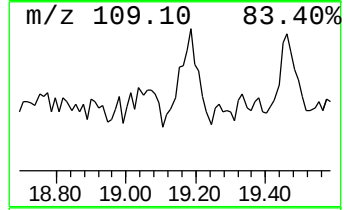
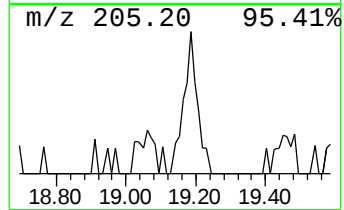
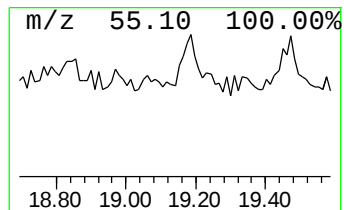
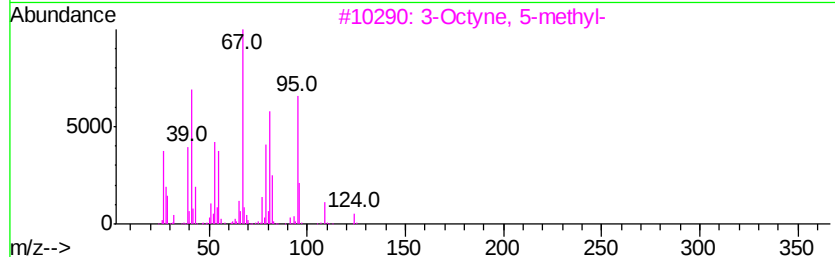
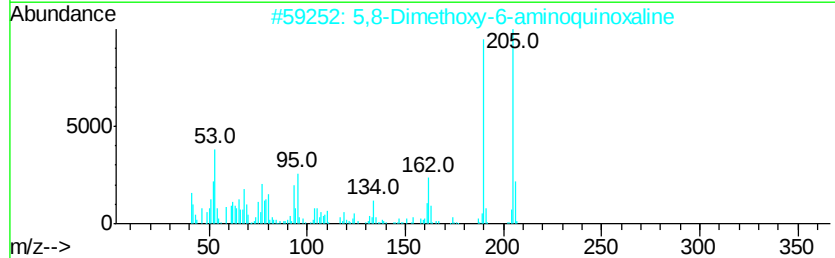
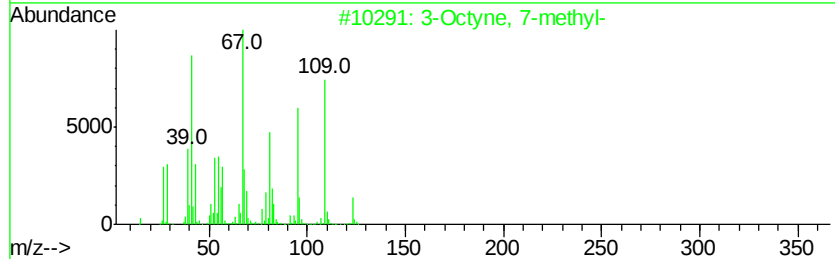
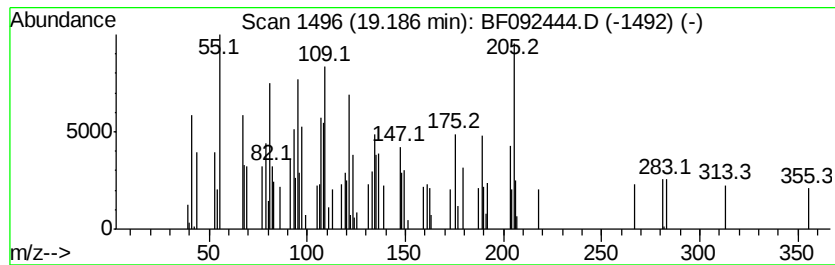
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 12 unknown19.19 Concentration Rank 9

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 19.19 | 2.58 ng | 121479 | Perylene-d12     | 15.63 |

| Hit# | of | Tentative ID                        | MW  | MolForm    | CAS#         | Qual |
|------|----|-------------------------------------|-----|------------|--------------|------|
| 1    | 5  | 3-Octyne, 7-methyl-                 | 124 | C9H16      | 037050-06-9  | 43   |
| 2    |    | 5,8-Dimethoxy-6-aminoquinoxaline    | 205 | C10H11N3O2 | 056393-24-9  | 43   |
| 3    |    | 3-Octyne, 5-methyl-                 | 124 | C9H16      | 062108-33-2  | 38   |
| 4    |    | 6-Heptenoic acid, 4-methylene-5-... | 168 | C10H16O2   | 1000159-42-9 | 32   |
| 5    |    | Cyclopentanol, 1-(1-methylene-2-... | 138 | C9H14O     | 078158-11-9  | 27   |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF012417\  
Data File : BF092444.D  
Acq On : 24 Jan 2017 22:18  
Operator : UM/SJ  
Sample : I1382-01  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
FK-GF-01-001-A

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

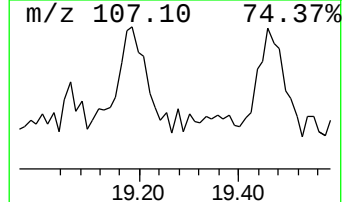
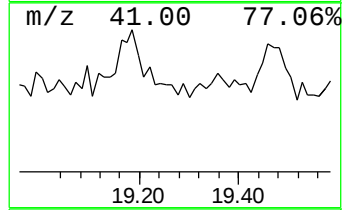
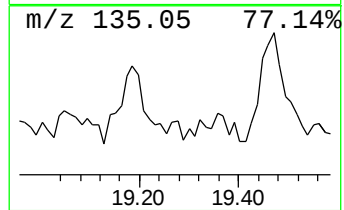
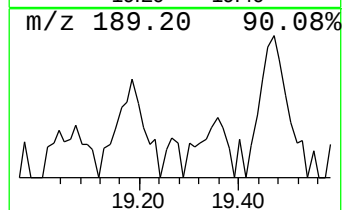
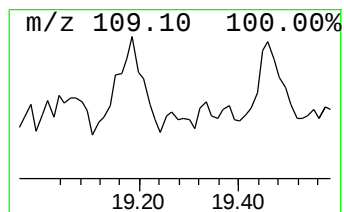
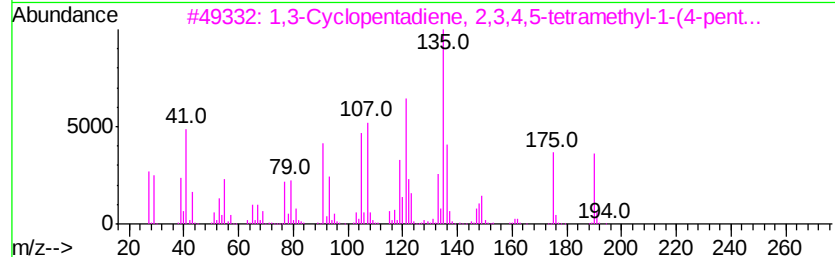
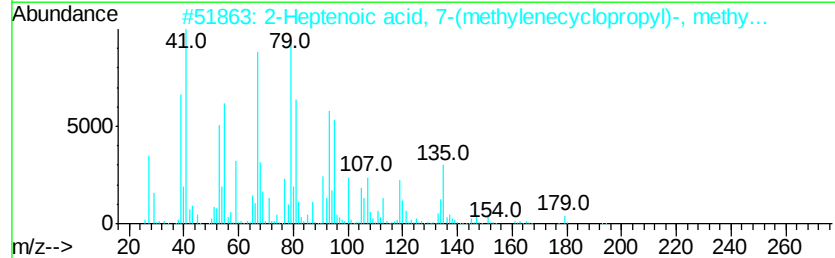
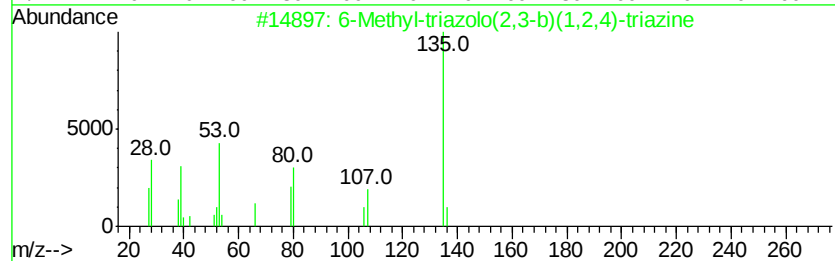
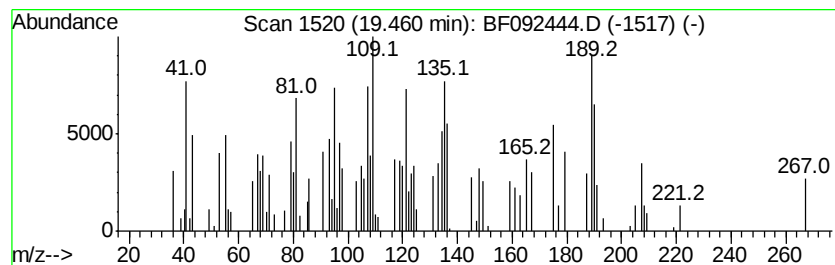
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 13 unknown19.46 Concentration Rank 11

| R.T.  | EstConc | Area  | Relative to ISTD | R.T.  |
|-------|---------|-------|------------------|-------|
| 19.46 | 2.10 ng | 98788 | Perylene-d12     | 15.63 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|----------|--------------|------|
| 1    |    |   | 6-Methyl-triazolo(2,3-b)(1,2,4)-... | 135 | C5H5N5   | 061139-75-1  | 22   |
| 2    |    |   | 2-Heptenoic acid, 7-(methylenecy... | 194 | C12H18O2 | 1000158-04-1 | 22   |
| 3    |    |   | 1,3-Cyclopentadiene, 2,3,4,5-tet... | 190 | C14H22   | 1000161-28-7 | 15   |
| 4    |    |   | Benzaldehyde, 4-(trifluoromethoxy)- | 190 | C8H5F3O2 | 000659-28-9  | 15   |
| 5    |    |   | Spiro[4.5]dec-6-en-8-one, 1,7-di... | 220 | C15H24O  | 039510-36-6  | 14   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF012417\  
Data File : BF092444.D  
Acq On : 24 Jan 2017 22:18  
Operator : UM/SJ  
Sample : I1382-01  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
FK-GF-01-001-A

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF012417.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... | 5.16  | 49.6    | ng    | 2509560  | 1                     | 6.97  | 1012350 | 20.0 |
| unknown6.74          | 6.74  | 113.8   | ng    | 5760980  | 1                     | 6.97  | 1012350 | 20.0 |
| Pentadecane          | 10.46 | 2.0     | ng    | 150466   | 3                     | 10.03 | 1487030 | 20.0 |
| Hexadecane           | 10.93 | 2.9     | ng    | 219882   | 4                     | 11.52 | 1500220 | 20.0 |
| n-Hexadecanoic acid  | 12.04 | 3.5     | ng    | 263951   | 4                     | 11.52 | 1500220 | 20.0 |
| 1-Docosene           | 14.00 | 4.9     | ng    | 329091   | 5                     | 14.16 | 1346990 | 20.0 |
| Squalene             | 15.03 | 2.0     | ng    | 96699    | 6                     | 15.63 | 941459  | 20.0 |
| Octadecane           | 15.29 | 2.7     | ng    | 125887   | 6                     | 15.63 | 941459  | 20.0 |
| unknown16.17         | 16.17 | 2.2     | ng    | 105538   | 6                     | 15.63 | 941459  | 20.0 |
| unknown18.31         | 18.31 | 2.8     | ng    | 130186   | 6                     | 15.63 | 941459  | 20.0 |
| unknown19.19         | 19.19 | 2.6     | ng    | 121479   | 6                     | 15.63 | 941459  | 20.0 |
| unknown19.46         | 19.46 | 2.1     | ng    | 98788    | 6                     | 15.63 | 941459  | 20.0 |