

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121816\  
 Data File : BF091749.D  
 Acq On : 18 Dec 2016 21:09  
 Operator : UM/SJ  
 Sample : H6099-04  
 Misc :  
 ALS Vial : 38 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SS03-1FT

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-BF121716.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         | 4.270       | 189           | 191         | 195          | rBV      | 51014          | 80370         | 1.16%           | 0.112%        |
| 2         | 4.944       | 247           | 250         | 261          | rBV      | 2274171        | 3680325       | 53.20%          | 5.107%        |
| 3         | 5.379       | 284           | 288         | 290          | rBV      | 5611676        | 6918393       | 100.00%         | 9.600%        |
| 4         | 6.407       | 375           | 378         | 381          | rBV      | 4917991        | 6486244       | 93.75%          | 9.000%        |
| 5         | 6.533       | 386           | 389         | 392          | rBV      | 5439376        | 6386664       | 92.31%          | 8.862%        |
| 6         | 6.762       | 407           | 409         | 412          | rBV      | 1893222        | 1798347       | 25.99%          | 2.495%        |
| 7         | 6.922       | 420           | 423         | 425          | rBV      | 5326447        | 5043986       | 72.91%          | 6.999%        |
| 8         | 7.333       | 455           | 459         | 461          | rBV      | 3903492        | 4561635       | 65.93%          | 6.330%        |
| 9         | 8.053       | 519           | 522         | 524          | rBV      | 2319129        | 2553442       | 36.91%          | 3.543%        |
| 10        | 9.127       | 613           | 616         | 619          | rBV      | 5603473        | 6725407       | 97.21%          | 9.332%        |
| 11        | 9.527       | 648           | 651         | 653          | rBV      | 680548         | 749422        | 10.83%          | 1.040%        |
| 12        | 9.802       | 672           | 675         | 677          | rBV      | 2930759        | 2793774       | 40.38%          | 3.877%        |
| 13        | 10.248      | 710           | 714         | 715          | rVB2     | 125524         | 187985        | 2.72%           | 0.261%        |
| 14        | 10.465      | 729           | 733         | 736          | rBV      | 62102          | 100075        | 1.45%           | 0.139%        |
| 15        | 10.590      | 741           | 744         | 747          | rBV      | 3980722        | 4450747       | 64.33%          | 6.176%        |
| 16        | 10.716      | 752           | 755         | 760          | rVB      | 247591         | 302839        | 4.38%           | 0.420%        |
| 17        | 11.162      | 792           | 794         | 796          | rBV      | 227036         | 210950        | 3.05%           | 0.293%        |
| 18        | 11.288      | 802           | 805         | 807          | rBV      | 2408051        | 2727560       | 39.42%          | 3.785%        |
| 19        | 11.585      | 829           | 831         | 834          | rBV      | 83735          | 85604         | 1.24%           | 0.119%        |
| 20        | 11.825      | 850           | 852         | 856          | rBV      | 199143         | 213226        | 3.08%           | 0.296%        |
| 21        | 11.996      | 863           | 867         | 872          | rVB3     | 46865          | 103393        | 1.49%           | 0.143%        |
| 22        | 12.614      | 918           | 921         | 926          | rBV4     | 45256          | 89816         | 1.30%           | 0.125%        |
| 23        | 12.705      | 926           | 929         | 931          | rVV2     | 437795         | 450294        | 6.51%           | 0.625%        |
| 24        | 12.774      | 932           | 935         | 938          | rVB      | 132637         | 160891        | 2.33%           | 0.223%        |
| 25        | 12.876      | 941           | 944         | 946          | rVB      | 6106641        | 6453279       | 93.28%          | 8.955%        |
| 26        | 13.105      | 961           | 964         | 967          | rBV2     | 31527          | 71064         | 1.03%           | 0.099%        |
| 27        | 13.402      | 988           | 990         | 992          | rBV2     | 327515         | 328796        | 4.75%           | 0.456%        |
| 28        | 13.448      | 992           | 994         | 995          | rBV2     | 60023          | 77680         | 1.12%           | 0.108%        |
| 29        | 13.768      | 1020          | 1022        | 1032         | rBV      | 573273         | 804498        | 11.63%          | 1.116%        |
| 30        | 13.916      | 1032          | 1035        | 1037         | rBV      | 2495897        | 2374156       | 34.32%          | 3.294%        |
| 31        | 14.099      | 1048          | 1051        | 1056         | rVB      | 100499         | 117813        | 1.70%           | 0.163%        |
| 32        | 14.408      | 1076          | 1078        | 1087         | rVB      | 277269         | 398461        | 5.76%           | 0.553%        |
| 33        | 14.694      | 1099          | 1103        | 1106         | rBV2     | 99481          | 154893        | 2.24%           | 0.215%        |
| 34        | 14.762      | 1107          | 1109        | 1112         | rVB      | 73419          | 78091         | 1.13%           | 0.108%        |

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121816\  
Data File : BF091749.D  
Acq On : 18 Dec 2016 21:09  
Operator : UM/SJ  
Sample : H6099-04  
Misc :  
ALS Vial : 38 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
SS03-1FT

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-BF121716.M  
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 35 | 15.014 | 1128 | 1131 | 1136 | rBV2 | 202051  | 443192  | 6.41%  | 0.615% |
| 36 | 15.322 | 1155 | 1158 | 1160 | rBV  | 1239649 | 1732604 | 25.04% | 2.404% |
| 37 | 15.357 | 1160 | 1161 | 1168 | rVB  | 80458   | 113376  | 1.64%  | 0.157% |
| 38 | 15.551 | 1174 | 1178 | 1181 | rBV  | 65227   | 120389  | 1.74%  | 0.167% |
| 39 | 15.757 | 1193 | 1196 | 1199 | rBV  | 171770  | 310733  | 4.49%  | 0.431% |
| 40 | 15.802 | 1199 | 1200 | 1204 | rVV  | 94664   | 181105  | 2.62%  | 0.251% |
| 41 | 15.871 | 1204 | 1206 | 1213 | rVB3 | 32449   | 72260   | 1.04%  | 0.100% |
| 42 | 16.488 | 1257 | 1260 | 1267 | rVB  | 92763   | 172488  | 2.49%  | 0.239% |
| 43 | 16.762 | 1281 | 1284 | 1287 | rBV2 | 36084   | 71123   | 1.03%  | 0.099% |
| 44 | 16.843 | 1287 | 1291 | 1296 | rVV6 | 30530   | 112993  | 1.63%  | 0.157% |
| 45 | 16.934 | 1296 | 1299 | 1308 | rVB5 | 23348   | 73401   | 1.06%  | 0.102% |
| 46 | 17.197 | 1318 | 1322 | 1327 | rBV3 | 96636   | 259828  | 3.76%  | 0.361% |
| 47 | 17.631 | 1356 | 1360 | 1365 | rVB7 | 26968   | 81842   | 1.18%  | 0.114% |
| 48 | 18.145 | 1400 | 1405 | 1411 | rBV9 | 17546   | 77478   | 1.12%  | 0.108% |
| 49 | 18.923 | 1468 | 1473 | 1478 | rBV6 | 48299   | 162575  | 2.35%  | 0.226% |
| 50 | 19.083 | 1481 | 1487 | 1493 | rVB4 | 112771  | 361259  | 5.22%  | 0.501% |

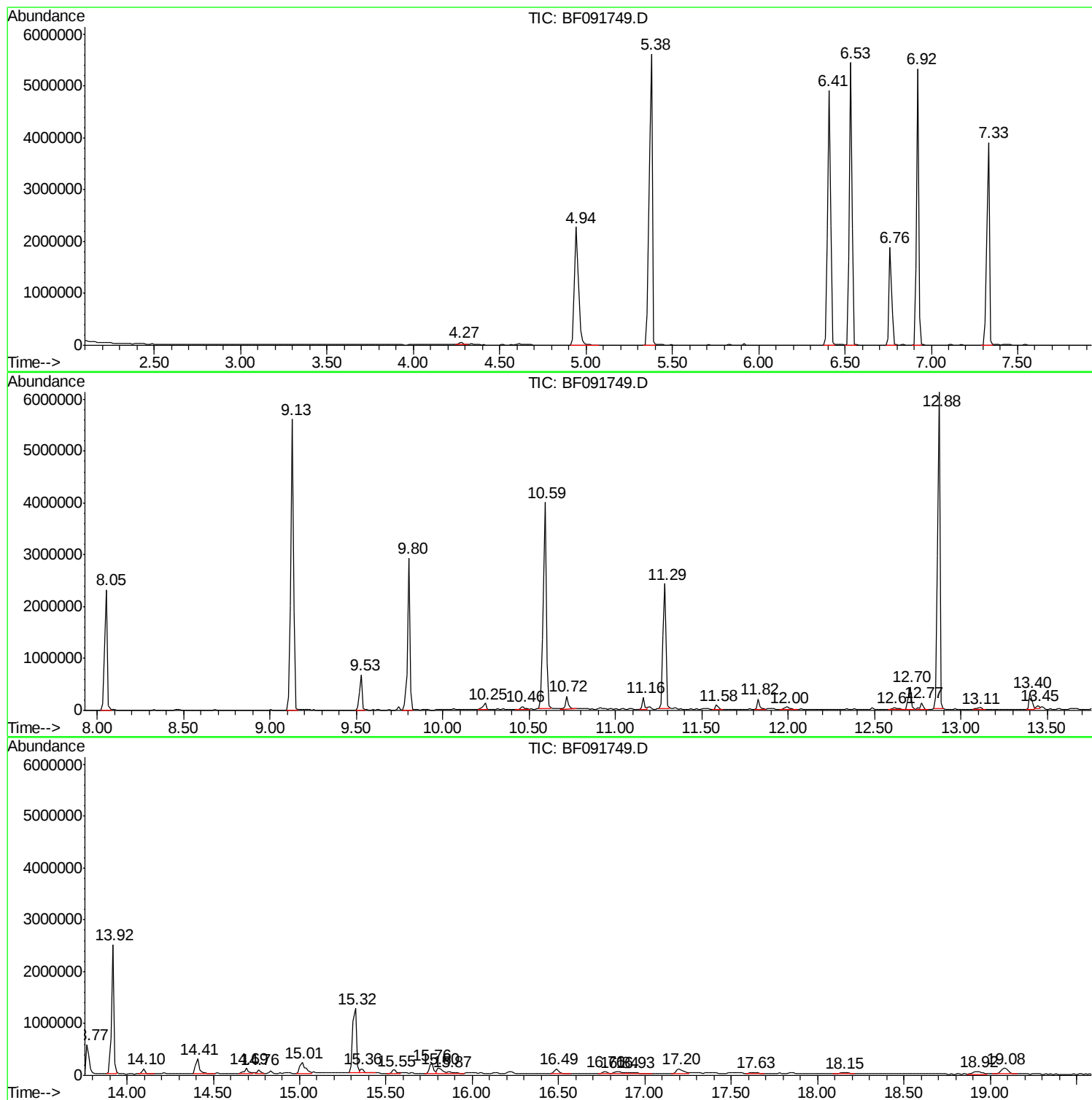
Sum of corrected areas: 72066766

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF121816\  
Data File : BF091749.D  
Acq On : 18 Dec 2016 21:09  
Operator : UM/SJ  
Sample : H6099-04  
Misc :  
ALS Vial : 38 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
SS03-1FT

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF121716.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF121816\  
Data File : BF091749.D  
Acq On : 18 Dec 2016 21:09  
Operator : UM/SJ  
Sample : H6099-04  
Misc :  
ALS Vial : 38 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
SS03-1FT

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF121716.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

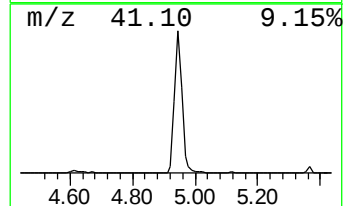
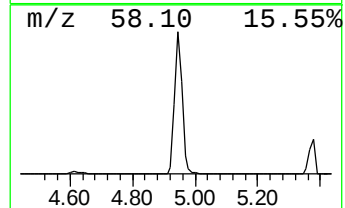
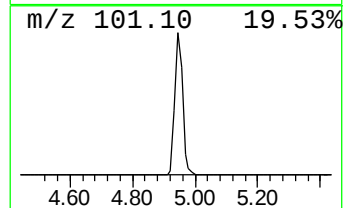
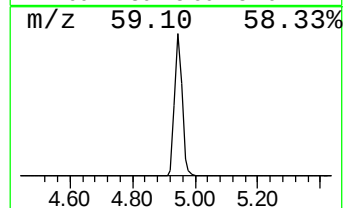
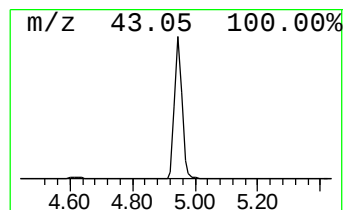
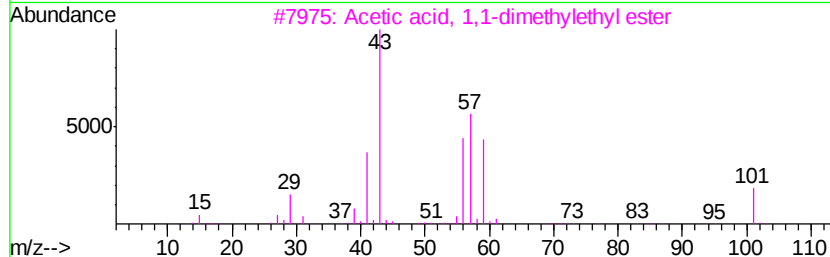
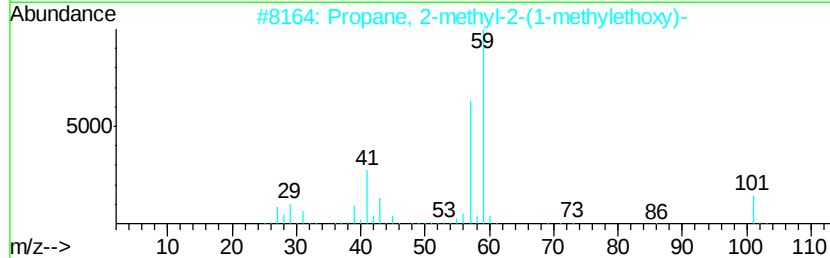
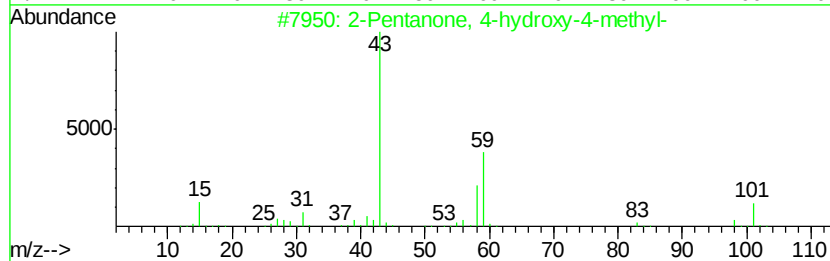
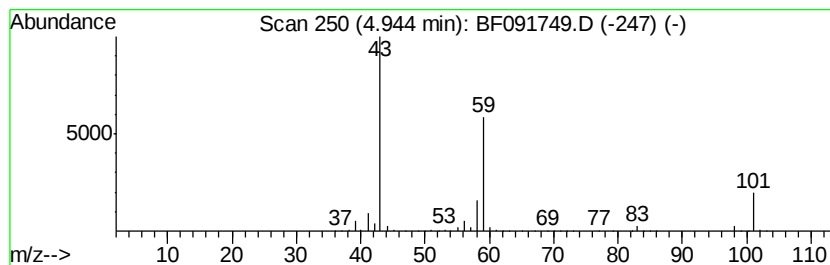
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 4.94 | 40.93 ng | 3680330 | 1,4-Dichlorobenzene-d4 | 6.76 |

| Hit# | of | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|-------------------------------------|-----|----------|-------------|------|
| 1    | 5  | 2-Pentanone, 4-hydroxy-4-methyl-    | 116 | C6H12O2  | 000123-42-2 | 72   |
| 2    |    | Propane, 2-methyl-2-(1-methyleth... | 116 | C7H16O   | 017348-59-3 | 53   |
| 3    |    | Acetic acid, 1,1-dimethylethyl e... | 116 | C6H12O2  | 000540-88-5 | 39   |
| 4    |    | Acetic acid, cyano-, 1,1-dimethy... | 141 | C7H11NO2 | 001116-98-9 | 25   |
| 5    |    | 2,3-Butanedione, monooxime          | 101 | C4H7NO2  | 000057-71-6 | 9    |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF121816\  
Data File : BF091749.D  
Acq On : 18 Dec 2016 21:09  
Operator : UM/SJ  
Sample : H6099-04  
Misc :  
ALS Vial : 38 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
SS03-1FT

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF121716.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

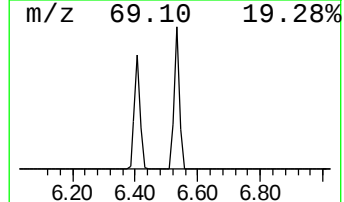
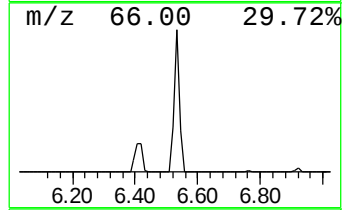
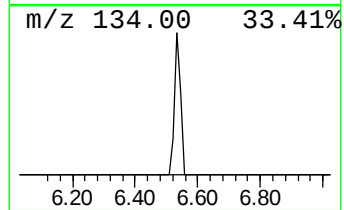
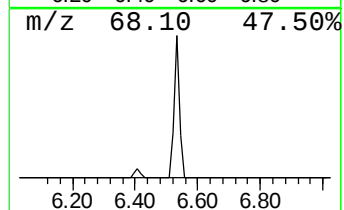
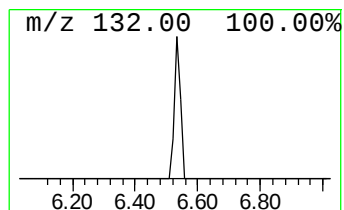
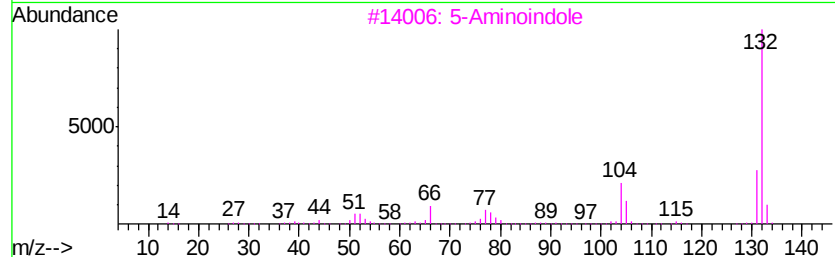
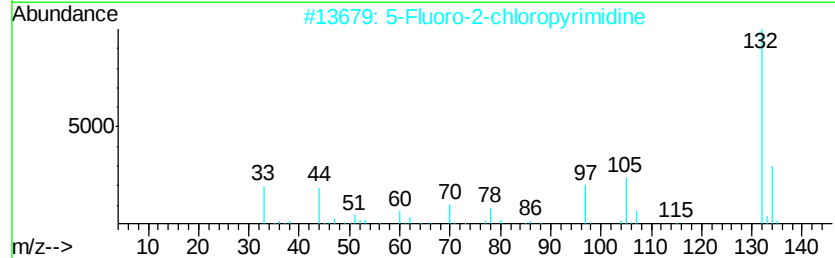
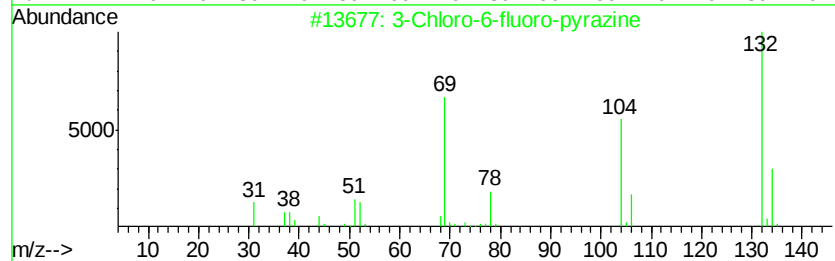
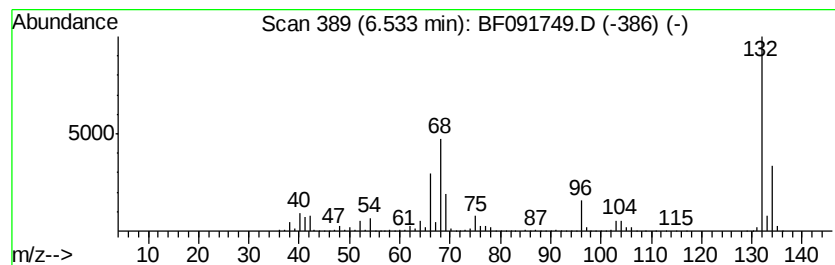
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 2 unknown6.53 Concentration Rank 1

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 6.53 | 71.03 ng | 6386660 | 1,4-Dichlorobenzene-d4 | 6.76 |

| Hit# | of | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|-------------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 3-Chloro-6-fluoro-pyrazine          | 132 | C4H2ClFN2 | 1000146-10-7 | 27   |
| 2    |    | 5-Fluoro-2-chloropyrimidine         | 132 | C4H2ClFN2 | 062802-42-0  | 16   |
| 3    |    | 5-Aminoindole                       | 132 | C8H8N2    | 005192-03-0  | 12   |
| 4    |    | Tranylcypromine-propionyl           | 189 | C12H15NO  | 1000123-86-3 | 10   |
| 5    |    | Bicyclo[4.2.0]octa-1,3,5-triene,... | 132 | C10H12    | 028749-81-7  | 9    |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF121816\  
Data File : BF091749.D  
Acq On : 18 Dec 2016 21:09  
Operator : UM/SJ  
Sample : H6099-04  
Misc :  
ALS Vial : 38 Sample Multiplier: 1

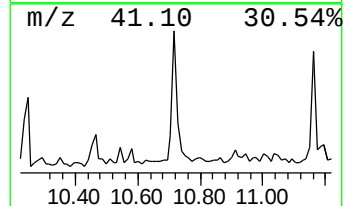
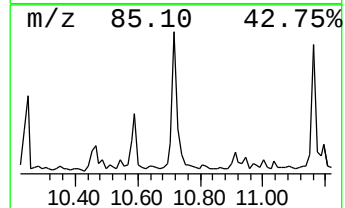
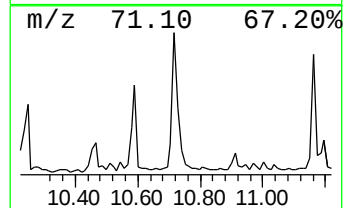
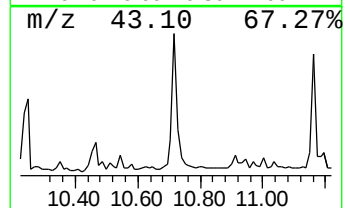
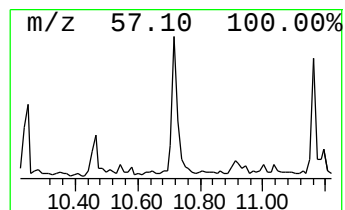
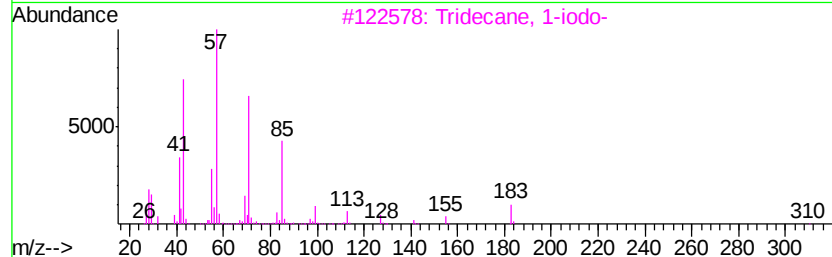
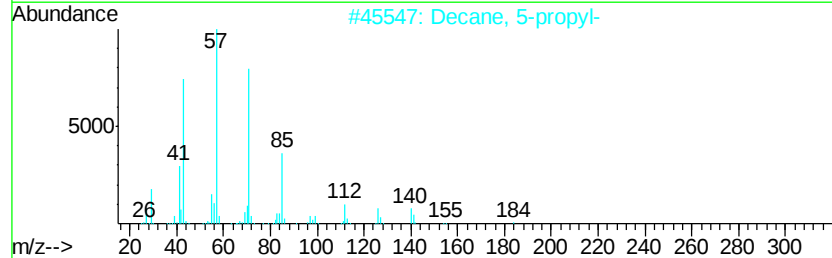
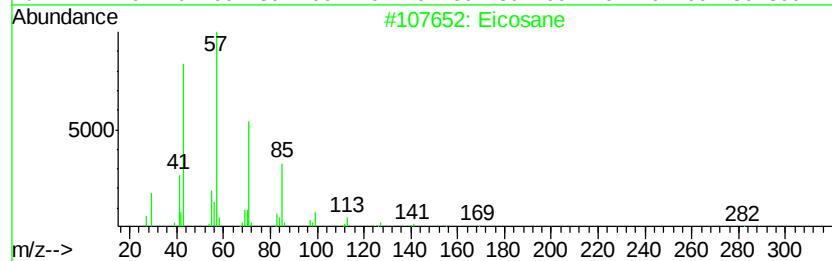
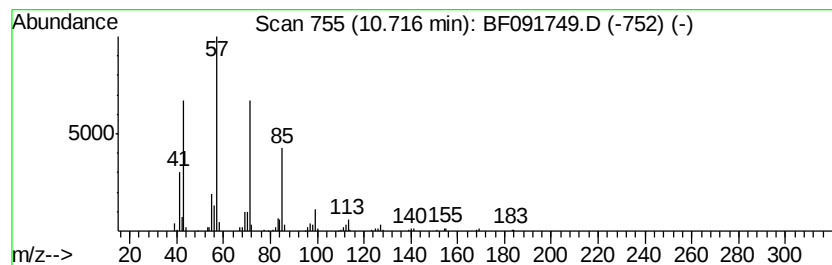
Instrument :  
BNA\_F  
ClientSampleId :  
SS03-1FT

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121716.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 4 Eicosane Concentration Rank 12

| R.T.    | EstConc             | Area         | Relative to ISTD |         | R.T.        |      |
|---------|---------------------|--------------|------------------|---------|-------------|------|
| 10.72   | 2.22 ng             | 302839       | Phenanthrene-d10 |         | 11.29       |      |
| Hit# of | 5                   | Tentative ID | MW               | MolForm | CAS#        | Qual |
| 1       | Eicosane            |              | 282              | C20H42  | 000112-95-8 | 91   |
| 2       | Decane, 5-propyl-   |              | 184              | C13H28  | 017312-62-8 | 90   |
| 3       | Tridecane, 1-iodo-  |              | 310              | C13H27I | 035599-77-0 | 90   |
| 4       | Hexadecane          |              | 226              | C16H34  | 000544-76-3 | 90   |
| 5       | Dodecane, 4-methyl- |              | 184              | C13H28  | 006117-97-1 | 86   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF121816\  
Data File : BF091749.D  
Acq On : 18 Dec 2016 21:09  
Operator : UM/SJ  
Sample : H6099-04  
Misc :  
ALS Vial : 38 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
SS03-1FT

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF121716.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

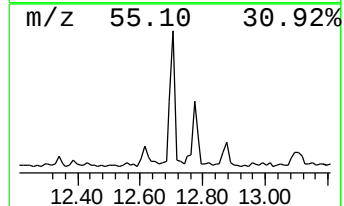
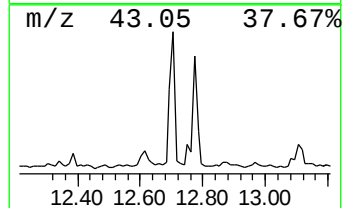
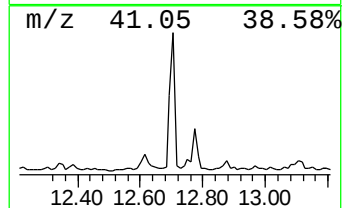
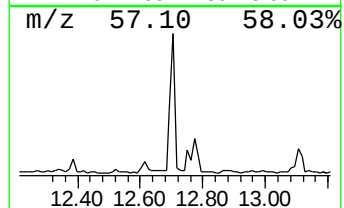
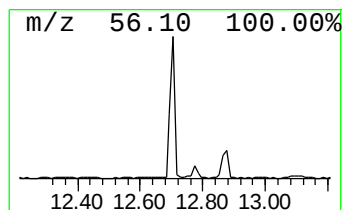
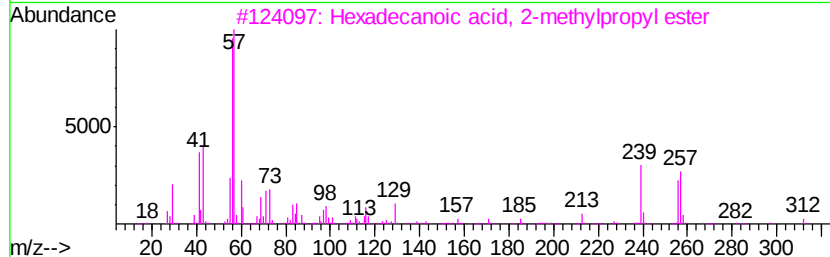
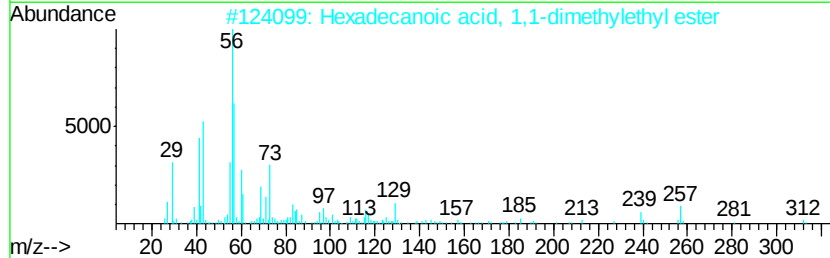
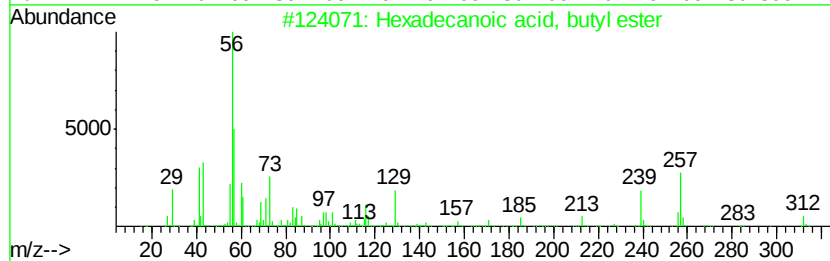
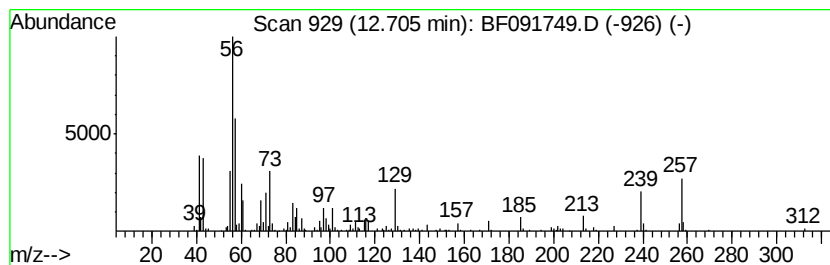
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 5 Hexadecanoic acid, butyl ester Concentration Rank 7

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 12.71 | 3.79 ng | 450294 | Chrysene-d12     | 13.92 |

| Hit# | of | Tentative ID                         | MW  | MolForm  | CAS#        | Qual |
|------|----|--------------------------------------|-----|----------|-------------|------|
| 1    | 5  | Hexadecanoic acid, butyl ester       | 312 | C20H40O2 | 000111-06-8 | 91   |
| 2    |    | Hexadecanoic acid, 1,1-dimethyle...  | 312 | C20H40O2 | 031158-91-5 | 43   |
| 3    |    | Hexadecanoic acid, 2-methylpropyl... | 312 | C20H40O2 | 000110-34-9 | 32   |
| 4    |    | 2-Methyl-n-1-tridecene               | 196 | C14H28   | 018094-01-4 | 27   |
| 5    |    | 2-Methylhexadec-1-ene                | 238 | C17H34   | 061868-19-7 | 25   |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF121816\  
Data File : BF091749.D  
Acq On : 18 Dec 2016 21:09  
Operator : UM/SJ  
Sample : H6099-04  
Misc :  
ALS Vial : 38 Sample Multiplier: 1

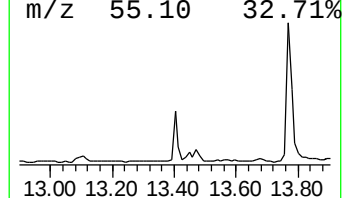
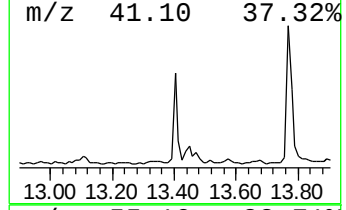
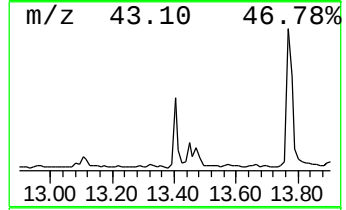
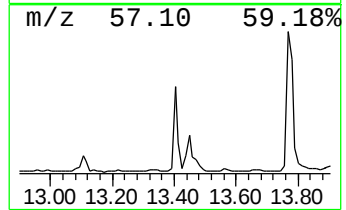
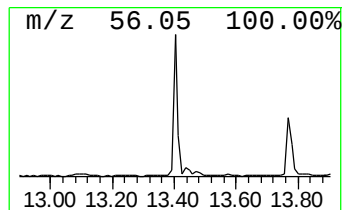
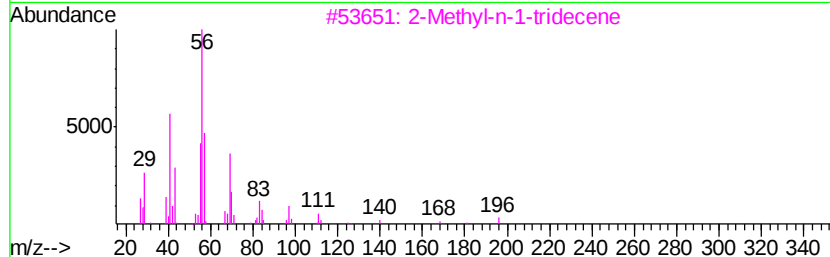
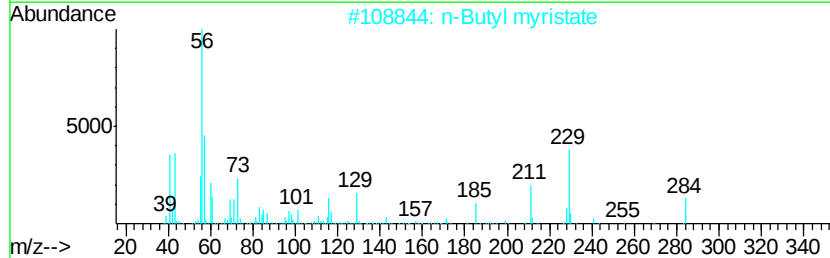
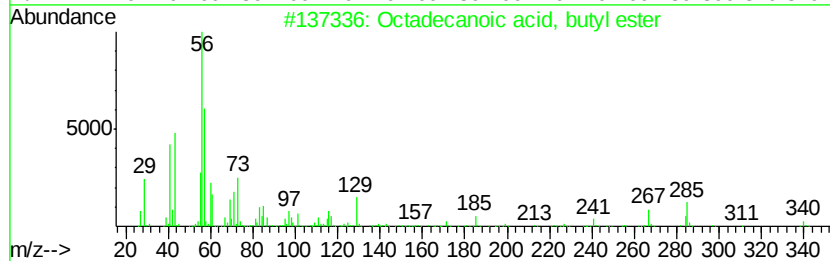
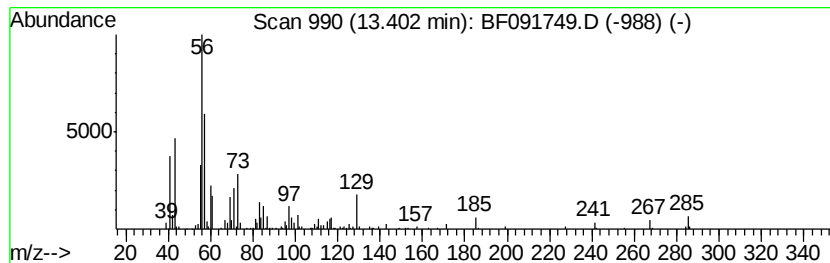
Instrument :  
BNA\_F  
ClientSampleId :  
SS03-1FT

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121716.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 6 Octadecanoic acid, butyl ester Concentration Rank 11

| R.T.      | EstConc                            | Area   | Relative to ISTD | R.T.        |      |
|-----------|------------------------------------|--------|------------------|-------------|------|
| 13.40     | 2.77 ng                            | 328796 | Chrysene-d12     | 13.92       |      |
| Hit# of 5 | Tentative ID                       | MW     | MolForm          | CAS#        | Qual |
| 1         | Octadecanoic acid, butyl ester     | 340    | C22H44O2         | 000123-95-5 | 87   |
| 2         | n-Butyl myristate                  | 284    | C18H36O2         | 000110-36-1 | 80   |
| 3         | 2-Methyl-n-1-tridecene             | 196    | C14H28           | 018094-01-4 | 35   |
| 4         | Hexane, 3,4-dimethyl-              | 114    | C8H18            | 000583-48-2 | 35   |
| 5         | Cyclobutane, 1-hexyl-2,3-dimethyl- | 168    | C12H24           | 055170-84-8 | 32   |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF121816\  
Data File : BF091749.D  
Acq On : 18 Dec 2016 21:09  
Operator : UM/SJ  
Sample : H6099-04  
Misc :  
ALS Vial : 38 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
SS03-1FT

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121716.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

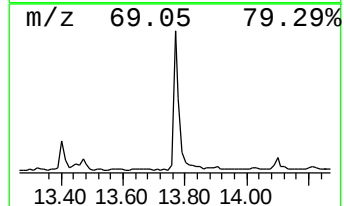
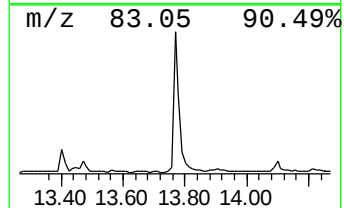
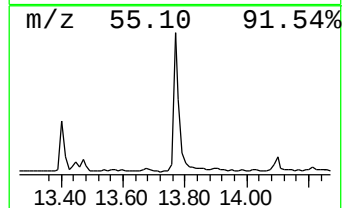
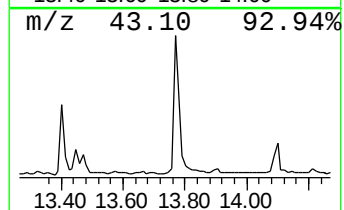
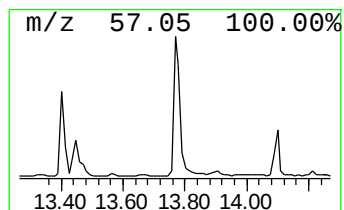
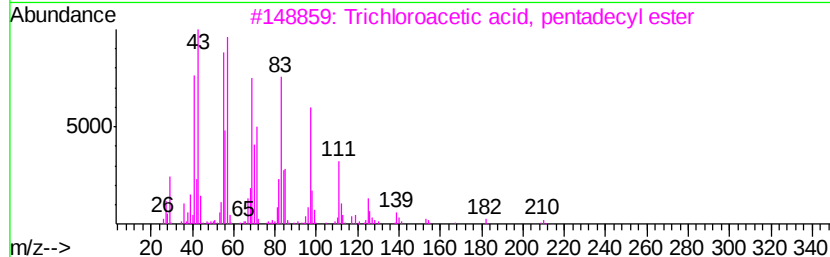
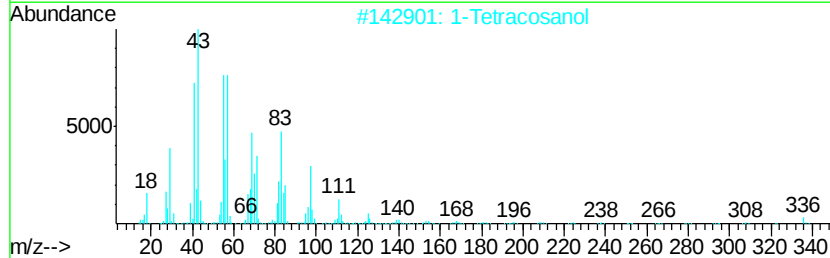
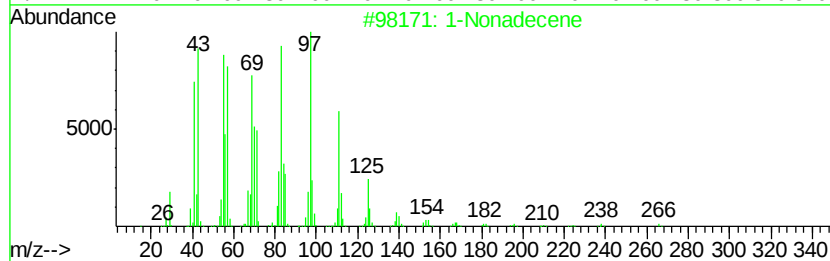
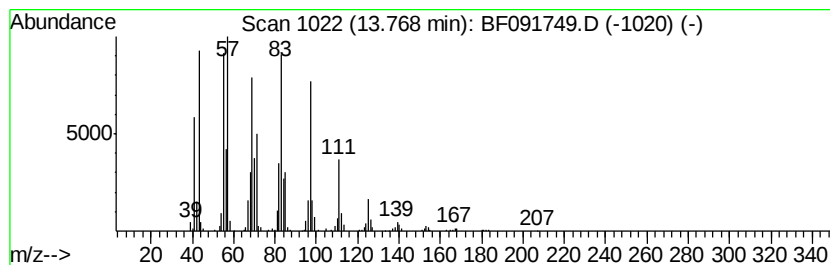
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 7 1-Nonadecene Concentration Rank 4

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 13.77 | 6.78 ng | 804498 | Chrysene-d12     | 13.92 |

| Hit# of | 5                                   | Tentative ID | MW  | MolForm     | CAS#        | Qual |
|---------|-------------------------------------|--------------|-----|-------------|-------------|------|
| 1       | 1-Nonadecene                        |              | 266 | C19H38      | 018435-45-5 | 91   |
| 2       | 1-Tetracosanol                      |              | 354 | C24H50O     | 000506-51-4 | 91   |
| 3       | Trichloroacetic acid, pentadecyl... |              | 372 | C17H31Cl3O2 | 074339-53-0 | 90   |
| 4       | 3-Eicosene, (E)-                    |              | 280 | C20H40      | 074685-33-9 | 87   |
| 5       | Trichloroacetic acid, tetradecyl... |              | 358 | C16H29Cl3O2 | 074339-52-9 | 87   |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF121816\  
Data File : BF091749.D  
Acq On : 18 Dec 2016 21:09  
Operator : UM/SJ  
Sample : H6099-04  
Misc :  
ALS Vial : 38 Sample Multiplier: 1

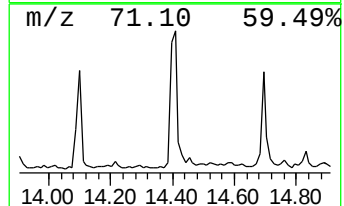
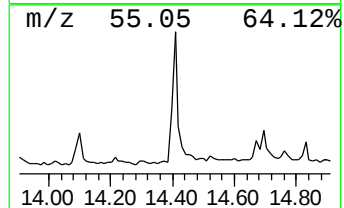
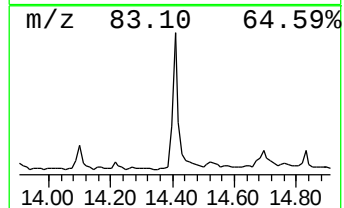
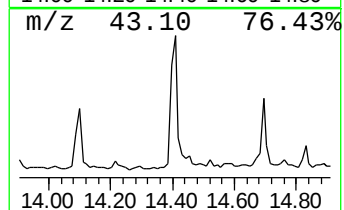
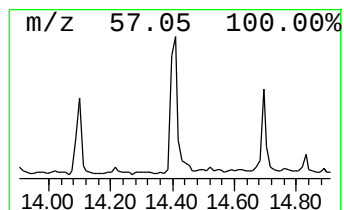
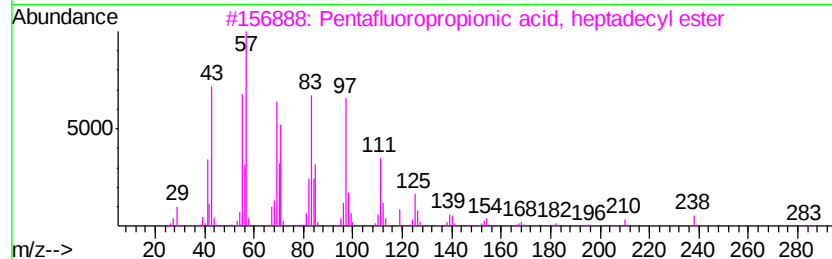
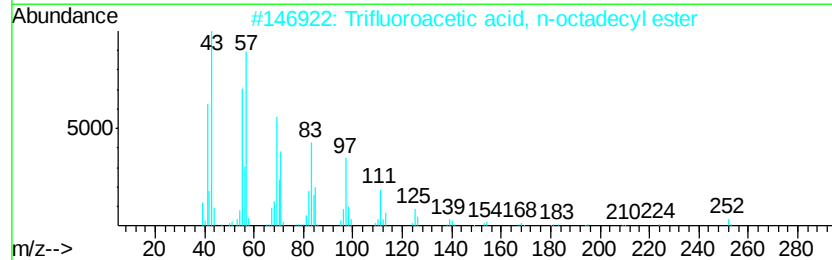
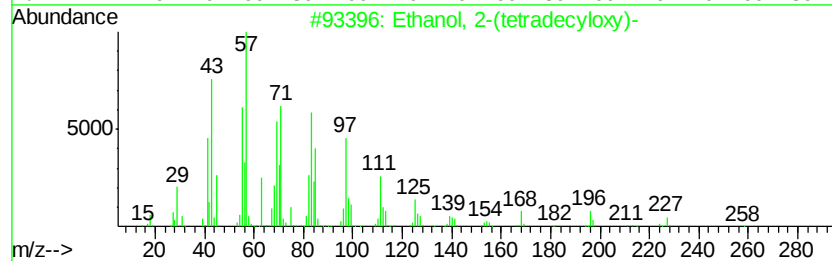
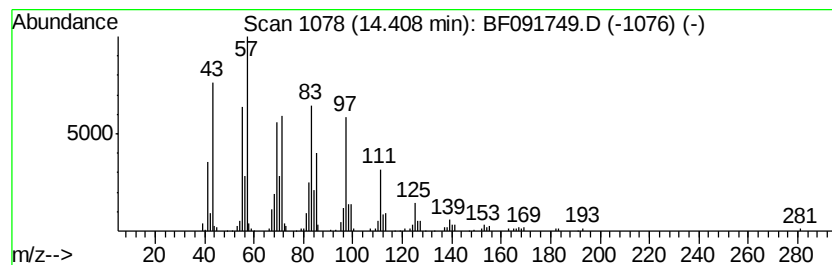
Instrument :  
BNA\_F  
ClientSampleId :  
SS03-1FT

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121716.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 8 Ethanol, 2-(tetradecyloxy)- Concentration Rank 9

| R.T.      | EstConc                             | Area   | Relative to ISTD | R.T.         |      |
|-----------|-------------------------------------|--------|------------------|--------------|------|
| 14.41     | 3.36 ng                             | 398461 | Chrysene-d12     | 13.92        |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm          | CAS#         | Qual |
| 1         | Ethanol, 2-(tetradecyloxy)-         | 258    | C16H34O2         | 002136-70-1  | 87   |
| 2         | Trifluoroacetic acid, n-octadecy... | 366    | C20H37F3O2       | 079392-43-1  | 87   |
| 3         | Pentafluoropropionic acid, hepta... | 402    | C20H35F5O2       | 1000283-04-2 | 87   |
| 4         | Tridecane, 7-cyclohexyl-            | 266    | C19H38           | 013151-92-3  | 83   |
| 5         | 1-Hexadecanesulfonyl chloride       | 324    | C16H33ClO2S      | 038775-38-1  | 83   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF121816\  
Data File : BF091749.D  
Acq On : 18 Dec 2016 21:09  
Operator : UM/SJ  
Sample : H6099-04  
Misc :  
ALS Vial : 38 Sample Multiplier: 1

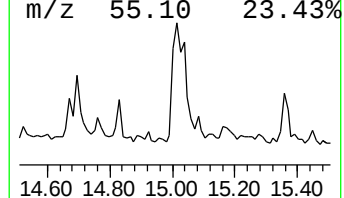
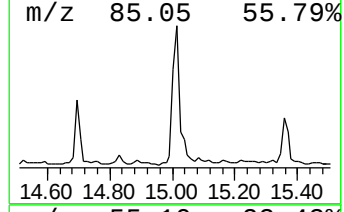
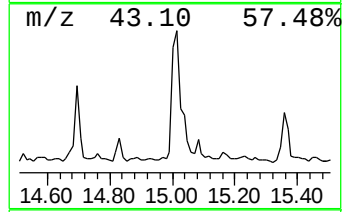
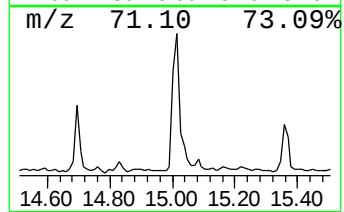
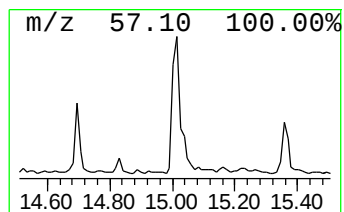
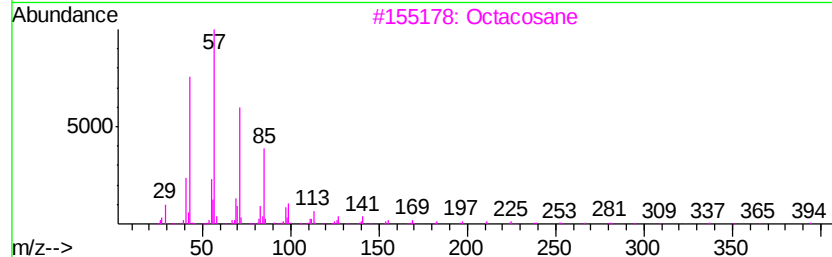
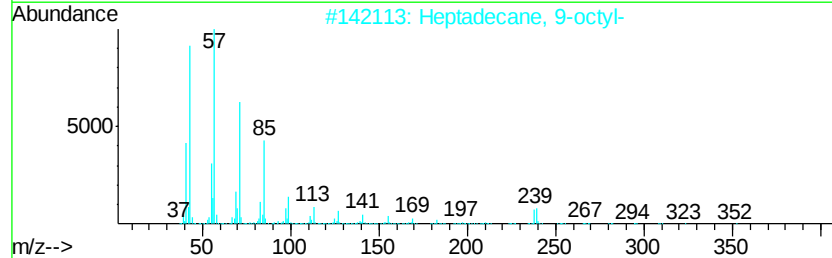
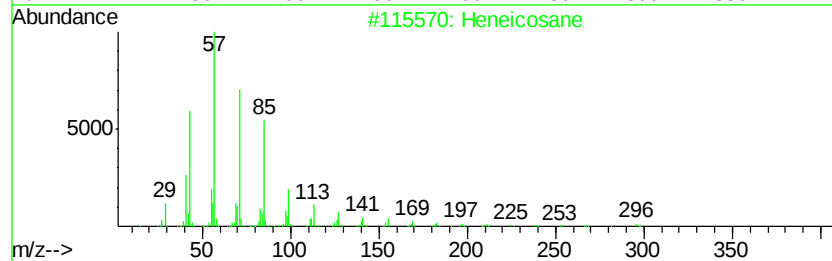
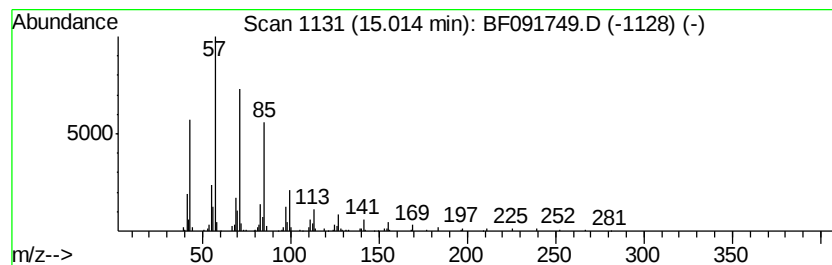
Instrument :  
BNA\_F  
ClientSampleId :  
SS03-1FT

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF121716.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 9 Heneicosane Concentration Rank 5

| R.T.      | EstConc               | Area   | Relative to ISTD | R.T.        |      |
|-----------|-----------------------|--------|------------------|-------------|------|
| 15.01     | 5.12 ng               | 443192 | Perylene-d12     | 15.32       |      |
| Hit# of 5 | Tentative ID          | MW     | MolForm          | CAS#        | Qual |
| 1         | Heneicosane           | 296    | C21H44           | 000629-94-7 | 91   |
| 2         | Heptadecane, 9-octyl- | 352    | C25H52           | 007225-64-1 | 91   |
| 3         | Octacosane            | 394    | C28H58           | 000630-02-4 | 90   |
| 4         | Hexadecane, 1-iodo-   | 352    | C16H33I          | 000544-77-4 | 90   |
| 5         | Eicosane, 7-hexyl-    | 366    | C26H54           | 055333-99-8 | 90   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF121816\  
Data File : BF091749.D  
Acq On : 18 Dec 2016 21:09  
Operator : UM/SJ  
Sample : H6099-04  
Misc :  
ALS Vial : 38 Sample Multiplier: 1

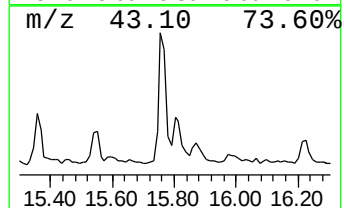
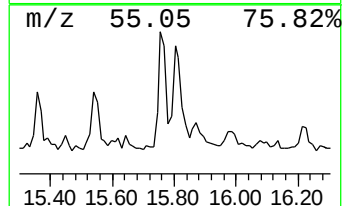
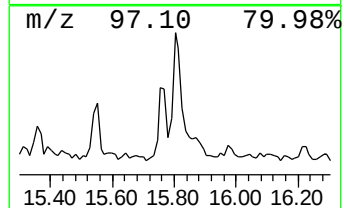
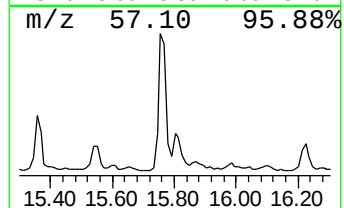
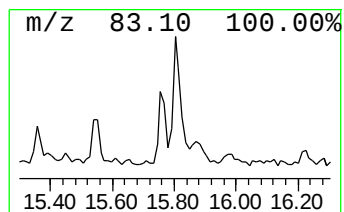
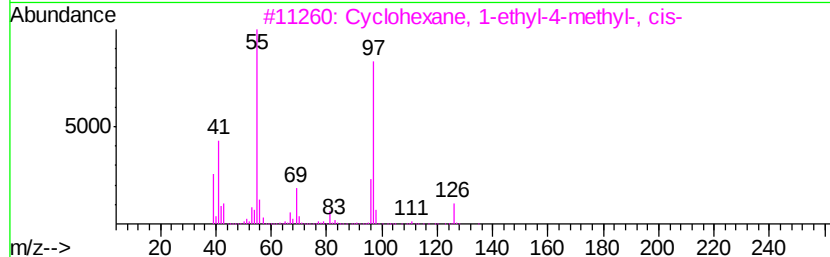
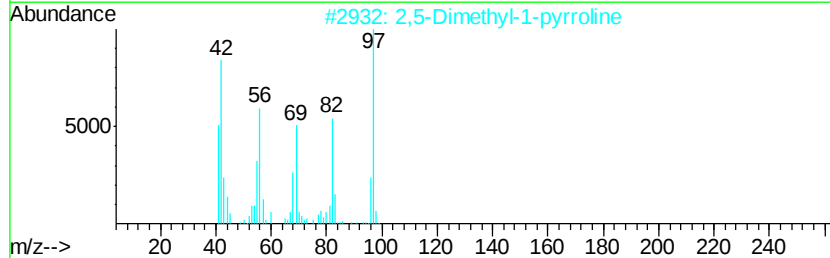
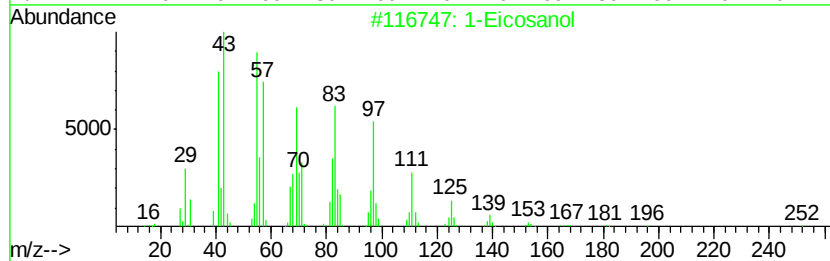
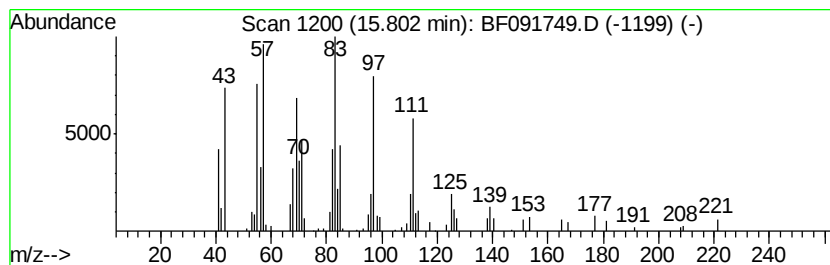
Instrument :  
BNA\_F  
ClientSampleId :  
SS03-1FT

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF121716.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 11 1-Eicosanol Concentration Rank 13

| R.T.      | EstConc                             | Area   | Relative to ISTD | R.T.        |      |
|-----------|-------------------------------------|--------|------------------|-------------|------|
| 15.80     | 2.09 ng                             | 181105 | Perylene-d12     | 15.32       |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm          | CAS#        | Qual |
| 1         | 1-Eicosanol                         | 298    | C20H42O          | 000629-96-9 | 72   |
| 2         | 2,5-Dimethyl-1-pyrroline            | 97     | C6H11N           | 000822-64-0 | 30   |
| 3         | Cyclohexane, 1-ethyl-4-methyl-, ... | 126    | C9H18            | 004926-78-7 | 25   |
| 4         | Cyclohexane, 1-methyl-2-propyl-     | 140    | C10H20           | 004291-79-6 | 25   |
| 5         | Cyclohexane, 1,2-dimethyl-          | 112    | C8H16            | 000583-57-3 | 18   |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF121816\  
Data File : BF091749.D  
Acq On : 18 Dec 2016 21:09  
Operator : UM/SJ  
Sample : H6099-04  
Misc :  
ALS Vial : 38 Sample Multiplier: 1

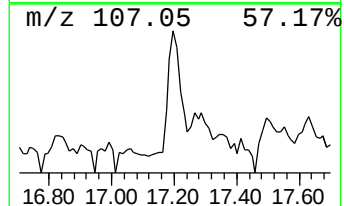
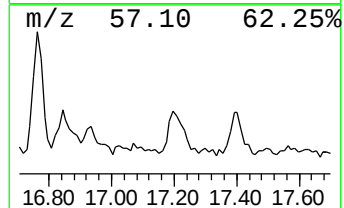
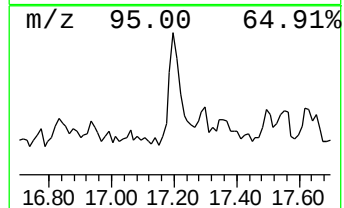
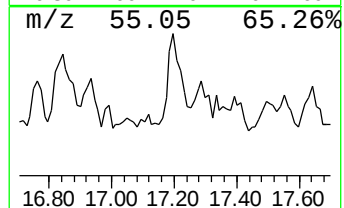
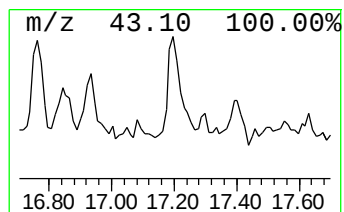
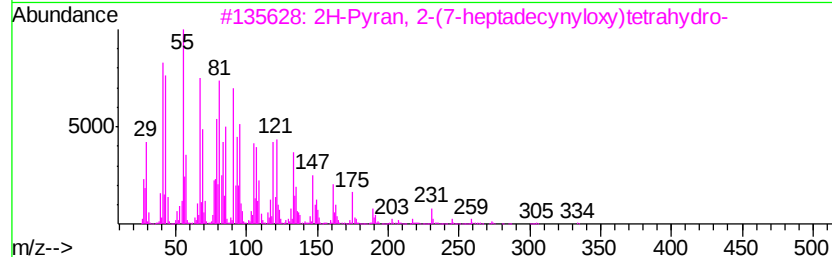
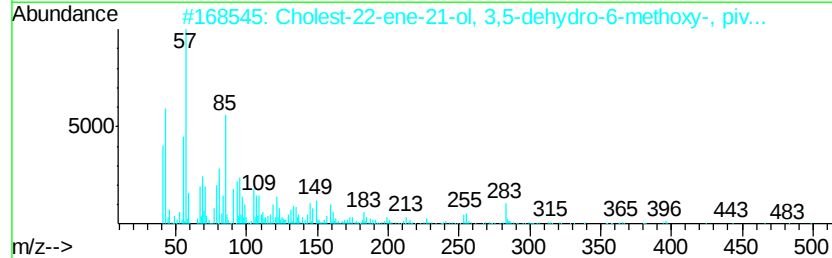
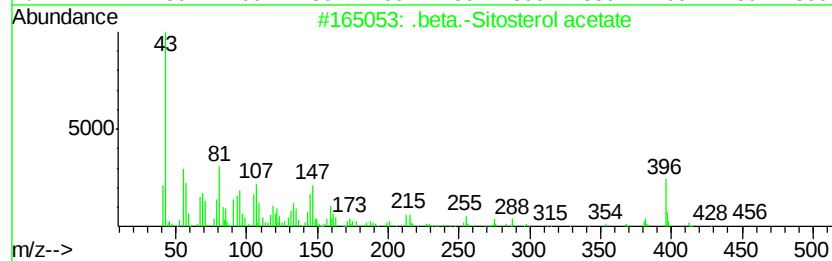
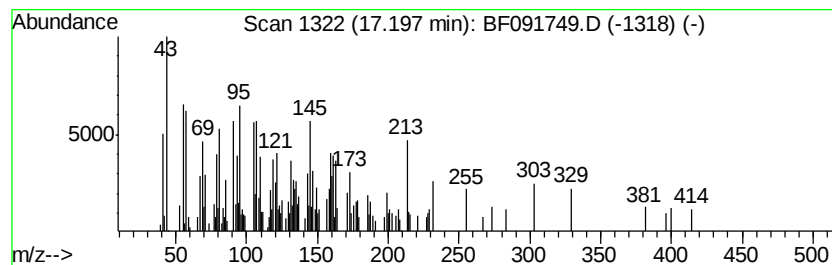
Instrument :  
BNA\_F  
ClientSampleId :  
SS03-1FT

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121716.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 12 unknown17.20 Concentration Rank 10

| R.T.    | EstConc | Area                                | Relative to ISTD | R.T.            |
|---------|---------|-------------------------------------|------------------|-----------------|
| 17.20   | 3.00 ng | 259828                              | Perylene-d12     | 15.32           |
| Hit# of | 5       | Tentative ID                        | MW MolForm       | CAS# Qual       |
| 1       |         | .beta.-Sitosterol acetate           | 456 C31H52O2     | 000915-05-9 43  |
| 2       |         | Cholest-22-ene-21-ol, 3,5-dehydr... | 498 C33H54O3     | 1000124-60-2 17 |
| 3       |         | 2H-Pyran, 2-(7-heptadecynvloxy)t... | 336 C22H40O2     | 056599-50-9 16  |
| 4       |         | Ledene oxide-(II)                   | 220 C15H24O      | 1000159-36-7 16 |
| 5       |         | Medroxyprogesterone Acetate         | 386 C24H34O4     | 000071-58-9 12  |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF121816\  
Data File : BF091749.D  
Acq On : 18 Dec 2016 21:09  
Operator : UM/SJ  
Sample : H6099-04  
Misc :  
ALS Vial : 38 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
SS03-1FT

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121716.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

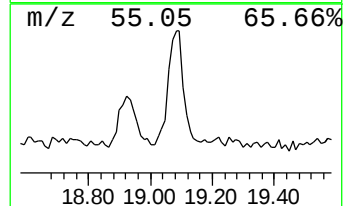
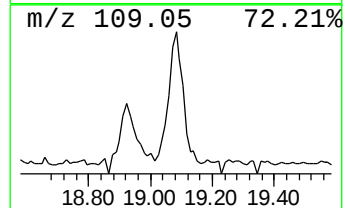
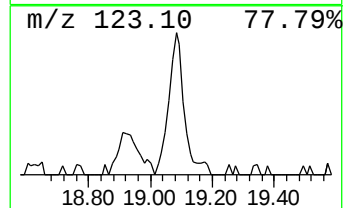
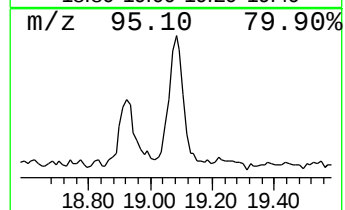
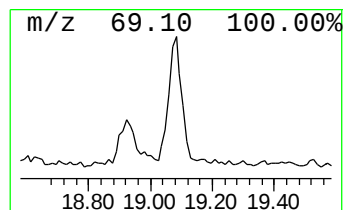
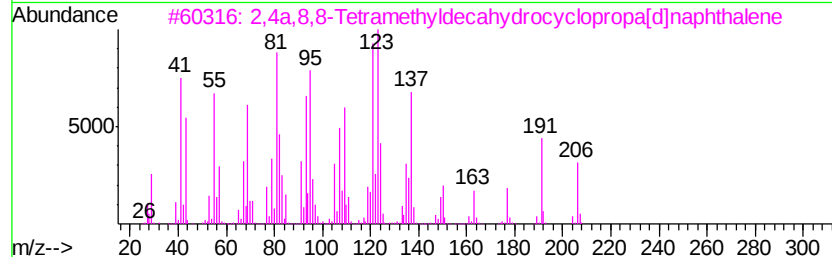
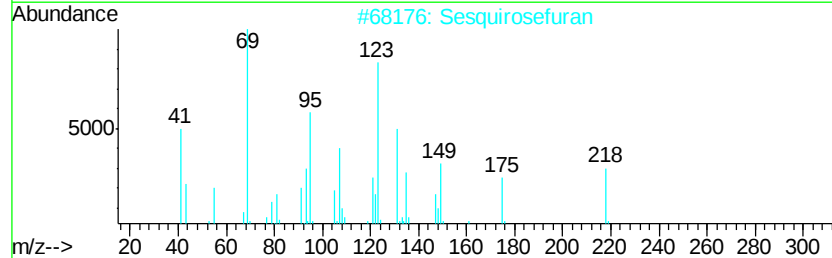
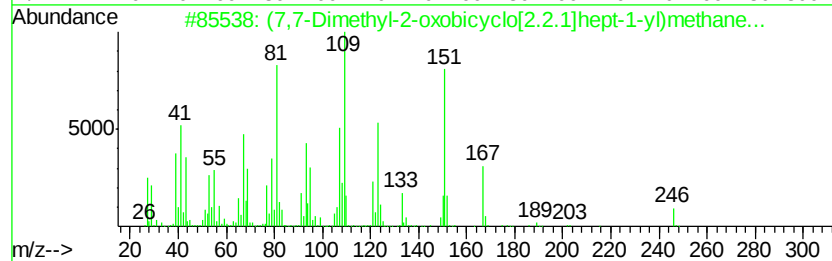
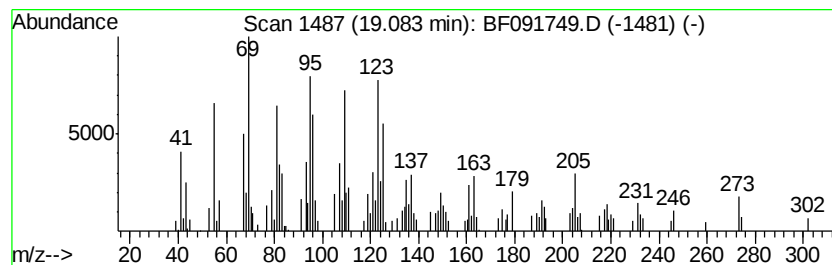
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 13 unknown19.08 Concentration Rank 6

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 19.08 | 4.17 ng | 361259 | Perylene-d12     | 15.32 |

| Hit# | of | Tentative ID                                                                       | MW  | MolForm   | CAS#         | Qual |
|------|----|------------------------------------------------------------------------------------|-----|-----------|--------------|------|
| 1    | 5  | (7,7-Dimethyl-2-oxobicyclo[2.2.1]hept-1-yl)methane...                              | 246 | C11H18O4S | 1000197-55-6 | 45   |
| 2    |    | Sesquirosefuran                                                                    | 218 | C15H22O   | 039007-93-7  | 38   |
| 3    |    | 2,4a,8,8-Tetramethyldecahydrocyclopropa[d]naphthalene                              | 206 | C15H26    | 074022-04-1  | 38   |
| 4    |    | 1-Formyl-2,2-dimethyl-3-trans-(3-methylbut-3-en-1-yl)cyclopentane                  | 220 | C15H24O   | 1000144-09-7 | 30   |
| 5    |    | 2-(4a,8-Dimethyl-6-oxo-1,2,3,4,4a,8a-hexahydrocyclopropa[d]naphthalen-2-yl)methane | 234 | C15H22O2  | 1000190-21-8 | 25   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF121816\  
Data File : BF091749.D  
Acq On : 18 Dec 2016 21:09  
Operator : UM/SJ  
Sample : H6099-04  
Misc :  
ALS Vial : 38 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
SS03-1FT

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF121716.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  | 40.9    | ng    | 3680330  | 1                     | 6.76  | 1798350 | 20.0 |
| unknown6.53          | 6.53  | 71.0    | ng    | 6386660  | 1                     | 6.76  | 1798350 | 20.0 |
| Eicosane             | 10.72 | 2.2     | ng    | 302839   | 4                     | 11.29 | 2727560 | 20.0 |
| Hexadecanoic acid... | 12.71 | 3.8     | ng    | 450294   | 5                     | 13.92 | 2374160 | 20.0 |
| Octadecanoic acid... | 13.40 | 2.8     | ng    | 328796   | 5                     | 13.92 | 2374160 | 20.0 |
| 1-Nonadecene         | 13.77 | 6.8     | ng    | 804498   | 5                     | 13.92 | 2374160 | 20.0 |
| Ethanol, 2-(tetra... | 14.41 | 3.4     | ng    | 398461   | 5                     | 13.92 | 2374160 | 20.0 |
| Heneicosane          | 15.01 | 5.1     | ng    | 443192   | 6                     | 15.32 | 1732600 | 20.0 |
| 1-Eicosanol          | 15.80 | 2.1     | ng    | 181105   | 6                     | 15.32 | 1732600 | 20.0 |
| unknown17.20         | 17.20 | 3.0     | ng    | 259828   | 6                     | 15.32 | 1732600 | 20.0 |
| unknown19.08         | 19.08 | 4.2     | ng    | 361259   | 6                     | 15.32 | 1732600 | 20.0 |