

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071316\  
 Data File : BF088965.D  
 Acq On : 13 Jul 2016 18:41  
 Operator : UM/SJ  
 Sample : H3952-01  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 FILL

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-BF063016.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         | 1.667       | 5             | 7           | 15           | rVB      | 188445         | 369104        | 17.75%          | 1.985%        |
| 2         | 1.781       | 15            | 17          | 27           | rVV      | 1181989        | 1758248       | 84.54%          | 9.456%        |
| 3         | 1.930       | 27            | 30          | 55           | rVB3     | 58641          | 251526        | 12.09%          | 1.353%        |
| 4         | 4.158       | 222           | 225         | 229          | rVB      | 22997          | 31611         | 1.52%           | 0.170%        |
| 5         | 4.856       | 282           | 286         | 293          | rVB      | 267410         | 393941        | 18.94%          | 2.119%        |
| 6         | 5.301       | 322           | 325         | 327          | rBV      | 1324398        | 1687023       | 81.11%          | 9.073%        |
| 7         | 5.690       | 357           | 359         | 362          | rVB      | 30269          | 27225         | 1.31%           | 0.146%        |
| 8         | 6.342       | 413           | 416         | 419          | rVB      | 1292320        | 1525992       | 73.37%          | 8.207%        |
| 9         | 6.467       | 424           | 427         | 429          | rBV      | 1745879        | 1876965       | 90.25%          | 10.095%       |
| 10        | 6.696       | 444           | 447         | 449          | rVB      | 426635         | 426268        | 20.50%          | 2.293%        |
| 11        | 6.844       | 458           | 460         | 463          | rVB      | 1005075        | 1297788       | 62.40%          | 6.980%        |
| 12        | 7.256       | 493           | 496         | 499          | rVB      | 801536         | 1047086       | 50.34%          | 5.631%        |
| 13        | 7.976       | 557           | 559         | 562          | rVB      | 597273         | 541272        | 26.02%          | 2.911%        |
| 14        | 9.062       | 651           | 654         | 656          | rBV      | 2168807        | 2079837       | 100.00%         | 11.186%       |
| 15        | 9.450       | 686           | 688         | 691          | rBB      | 291165         | 249653        | 12.00%          | 1.343%        |
| 16        | 9.725       | 710           | 712         | 715          | rBV2     | 549868         | 562333        | 27.04%          | 3.024%        |
| 17        | 10.513      | 779           | 781         | 784          | rBV      | 1117659        | 1023643       | 49.22%          | 5.505%        |
| 18        | 10.650      | 791           | 793         | 797          | rBV      | 20824          | 35742         | 1.72%           | 0.192%        |
| 19        | 11.096      | 829           | 832         | 833          | rBV      | 30933          | 34808         | 1.67%           | 0.187%        |
| 20        | 11.199      | 839           | 841         | 844          | rVB      | 406653         | 493349        | 23.72%          | 2.653%        |
| 21        | 11.519      | 867           | 869         | 872          | rVB      | 22558          | 23026         | 1.11%           | 0.124%        |
| 22        | 11.748      | 887           | 889         | 894          | rBV2     | 57341          | 76416         | 3.67%           | 0.411%        |
| 23        | 12.411      | 945           | 947         | 949          | rBV      | 28010          | 31008         | 1.49%           | 0.167%        |
| 24        | 12.628      | 963           | 966         | 969          | rVB      | 60025          | 58930         | 2.83%           | 0.317%        |
| 25        | 12.788      | 977           | 980         | 982          | rBV      | 1383155        | 1223509       | 58.83%          | 6.580%        |
| 26        | 13.691      | 1057          | 1059        | 1063         | rBV      | 74203          | 92830         | 4.46%           | 0.499%        |
| 27        | 13.828      | 1068          | 1071        | 1073         | rBV      | 451437         | 441735        | 21.24%          | 2.376%        |
| 28        | 14.331      | 1112          | 1115        | 1120         | rBV      | 20923          | 37821         | 1.82%           | 0.203%        |
| 29        | 14.674      | 1143          | 1145        | 1149         | rVB      | 32898          | 36850         | 1.77%           | 0.198%        |
| 30        | 14.742      | 1149          | 1151        | 1153         | rBV      | 92576          | 83404         | 4.01%           | 0.449%        |
| 31        | 14.822      | 1155          | 1158        | 1162         | rVB      | 22599          | 40692         | 1.96%           | 0.219%        |
| 32        | 14.937      | 1164          | 1168        | 1175         | rVV      | 78076          | 137164        | 6.59%           | 0.738%        |
| 33        | 15.085      | 1177          | 1181        | 1183         | rVB      | 16930          | 23517         | 1.13%           | 0.126%        |
| 34        | 15.142      | 1183          | 1186        | 1188         | rBV      | 16447          | 22615         | 1.09%           | 0.122%        |

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ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
FILL

Integration Parameters: rteint.p  
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Sampling : 1 Min Area: 3 % of largest Peak  
Start Thrs: 0.2 Max Peaks: 100  
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Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF063016.M  
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 35 | 15.200 | 1188 | 1191 | 1194 | rBV  | 324059 | 364608 | 17.53% | 1.961% |
| 36 | 15.428 | 1208 | 1211 | 1213 | rVB  | 19308  | 25651  | 1.23%  | 0.138% |
| 37 | 15.634 | 1226 | 1229 | 1231 | rBV  | 27407  | 42714  | 2.05%  | 0.230% |
| 38 | 15.680 | 1231 | 1233 | 1236 | rVB  | 13960  | 25219  | 1.21%  | 0.136% |
| 39 | 16.320 | 1286 | 1289 | 1296 | rVB  | 19127  | 34566  | 1.66%  | 0.186% |
| 40 | 16.468 | 1299 | 1302 | 1309 | rVV2 | 9382   | 25296  | 1.22%  | 0.136% |
| 41 | 16.994 | 1343 | 1348 | 1351 | rBV4 | 10393  | 32762  | 1.58%  | 0.176% |

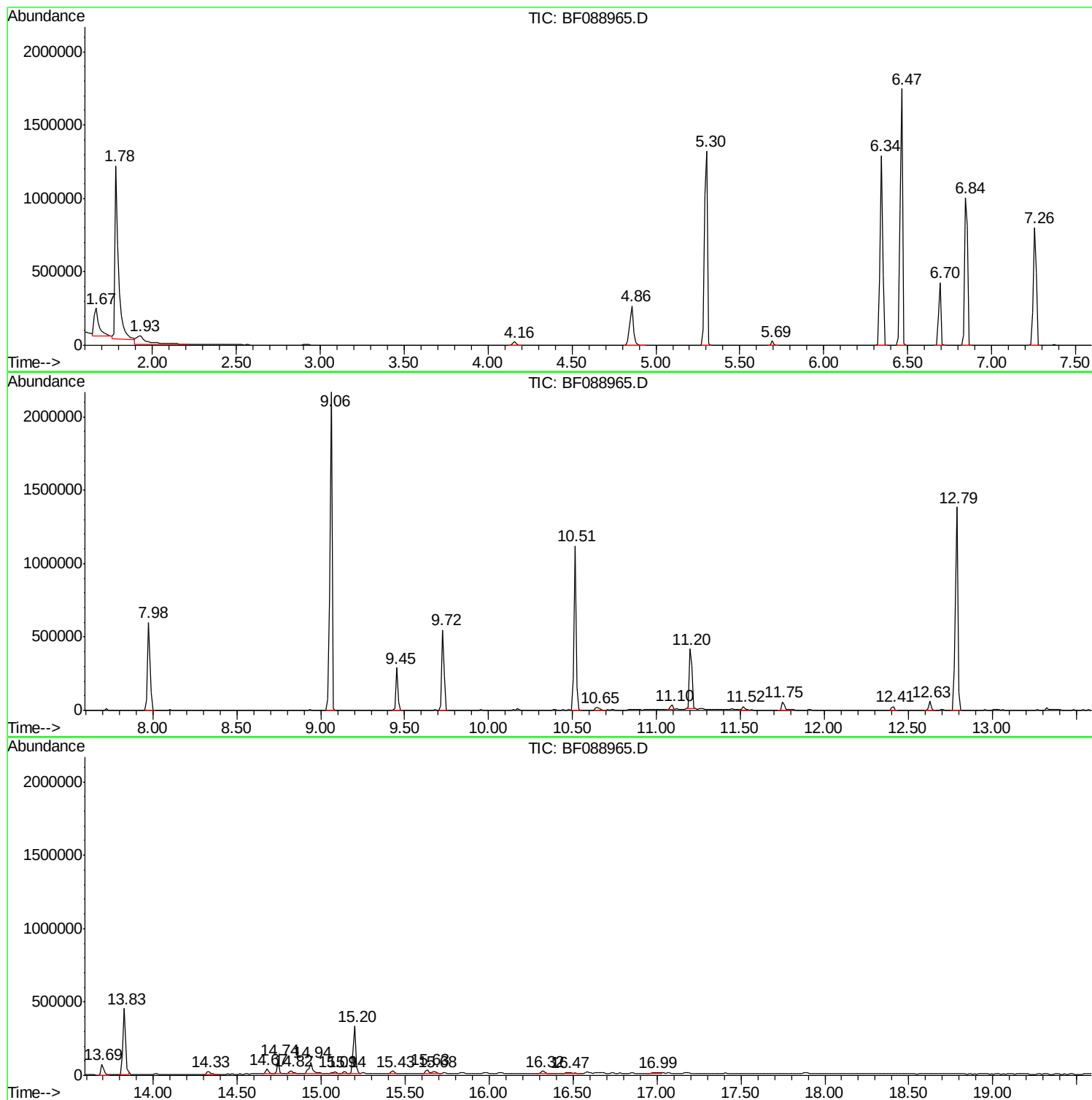
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Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF063016.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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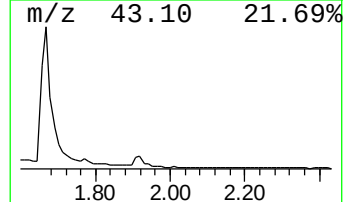
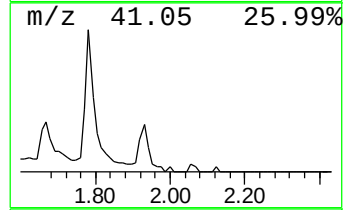
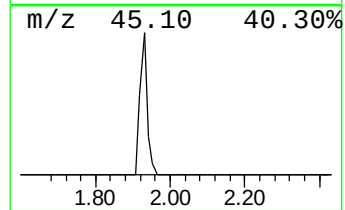
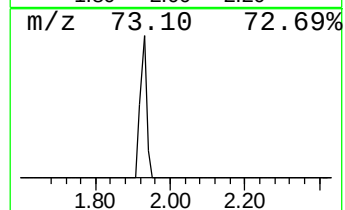
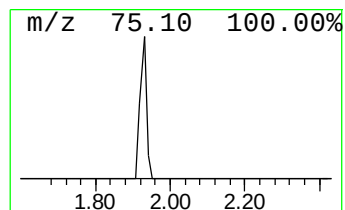
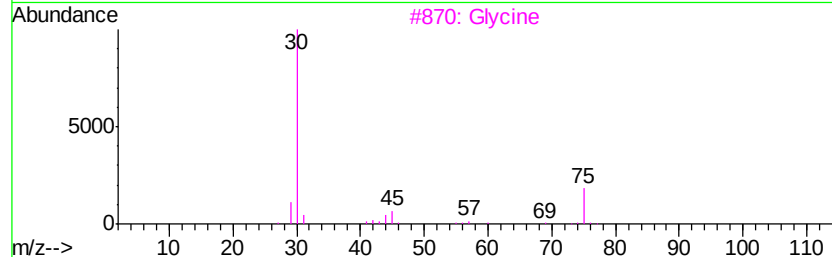
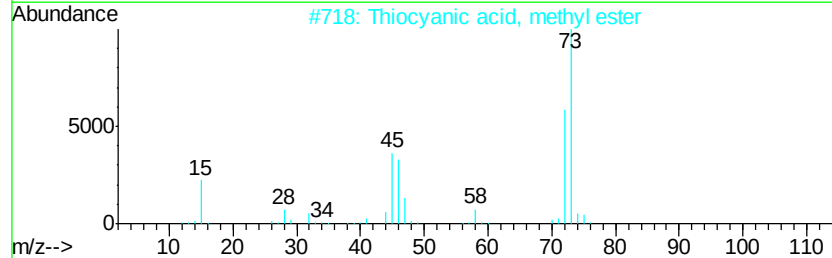
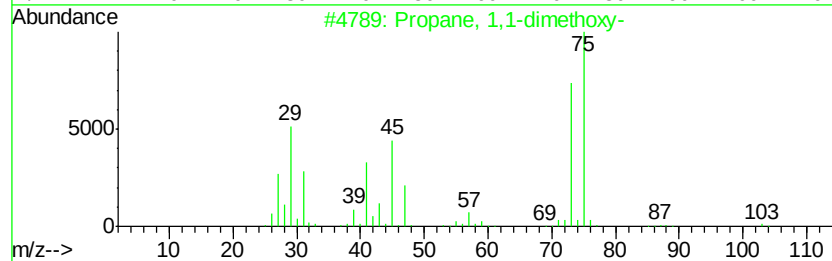
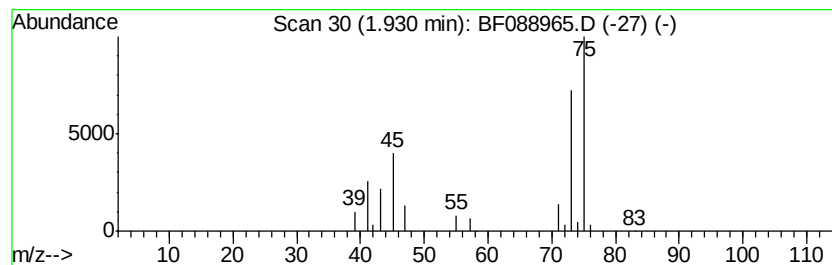
Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF063016.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 3 Propane, 1,1-dimethoxy- Concentration Rank 6

| R.T. | EstConc  | Area   | Relative to ISTD       | R.T. |
|------|----------|--------|------------------------|------|
| 1.93 | 11.80 ng | 251526 | 1,4-Dichlorobenzene-d4 | 6.70 |

| Hit# | of | Tentative ID                  | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------|-----|---------|-------------|------|
| 1    | 5  | Propane, 1,1-dimethoxy-       | 104 | C5H12O2 | 004744-10-9 | 64   |
| 2    |    | Thiocyanic acid, methyl ester | 73  | C2H3NS  | 000556-64-9 | 7    |
| 3    |    | Glycine                       | 75  | C2H5NO2 | 000056-40-6 | 7    |
| 4    |    | Pentane, 3-methoxy-           | 102 | C6H14O  | 036839-67-5 | 4    |
| 5    |    | Ethanethioamide               | 75  | C2H5NS  | 000062-55-5 | 4    |



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ClientSampleId :  
FILL

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

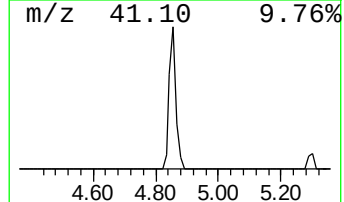
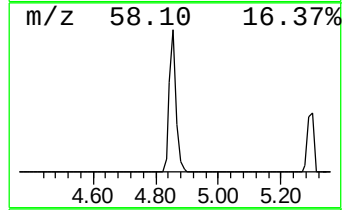
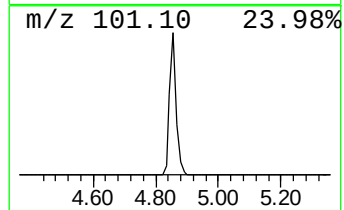
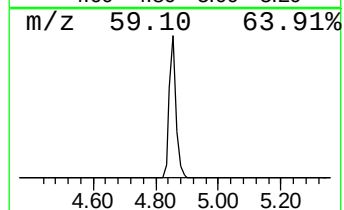
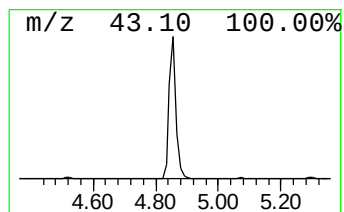
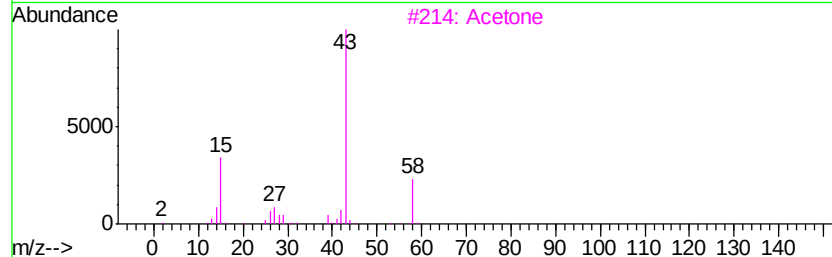
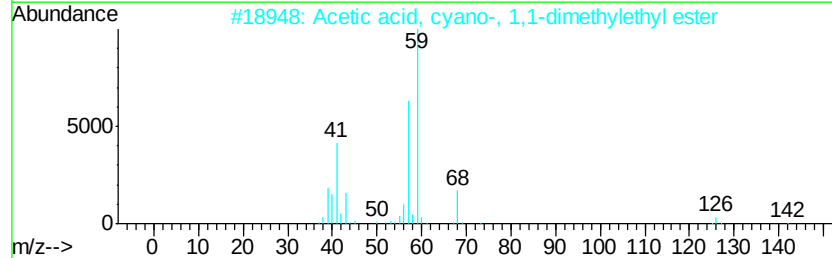
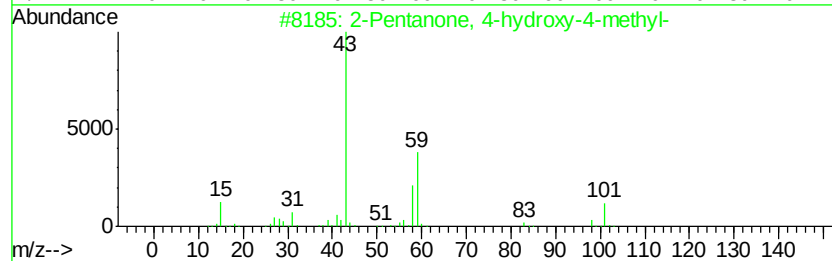
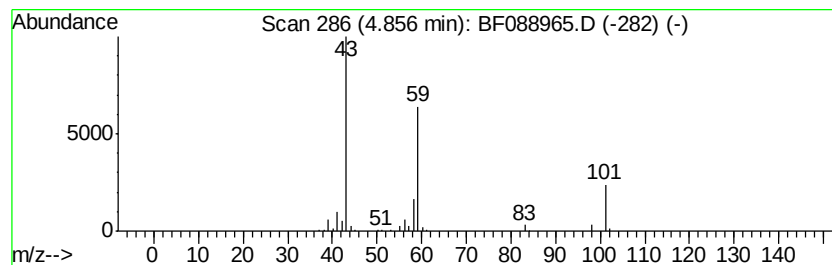
TIC Library : C:\Database\NIST11.L  
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc  | Area   | Relative to ISTD       | R.T. |
|------|----------|--------|------------------------|------|
| 4.86 | 18.48 ng | 393941 | 1,4-Dichlorobenzene-d4 | 6.70 |

| Hit# of | 5                                    | Tentative ID | MW       | MolForm     | CAS# | Qual |
|---------|--------------------------------------|--------------|----------|-------------|------|------|
| 1       | 2-Pentanone, 4-hydroxy-4-methyl-     | 116          | C6H12O2  | 000123-42-2 | 56   |      |
| 2       | Acetic acid, cyano-, 1,1-dimethyl... | 141          | C7H11NO2 | 001116-98-9 | 23   |      |
| 3       | Acetone                              | 58           | C3H6O    | 000067-64-1 | 10   |      |
| 4       | Morpholine, 4-methyl-                | 101          | C5H11NO  | 000109-02-4 | 9    |      |
| 5       | (+)-4-Amino-4,5-dihydro-2(3H)-f...   | 101          | C4H7NO2  | 016504-58-8 | 9    |      |



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Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
FILL

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

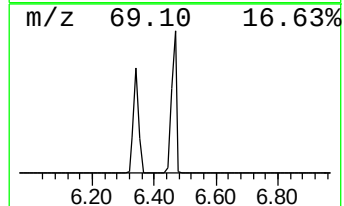
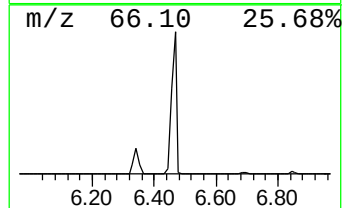
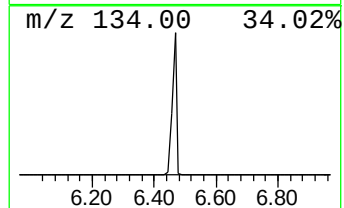
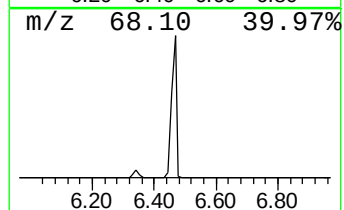
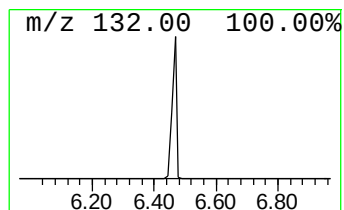
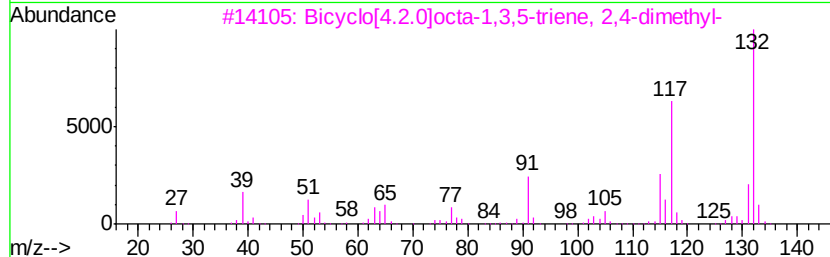
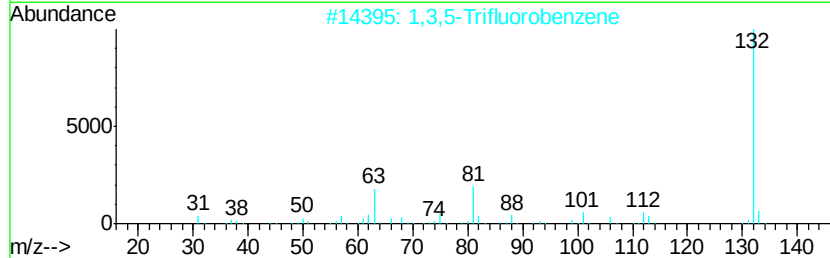
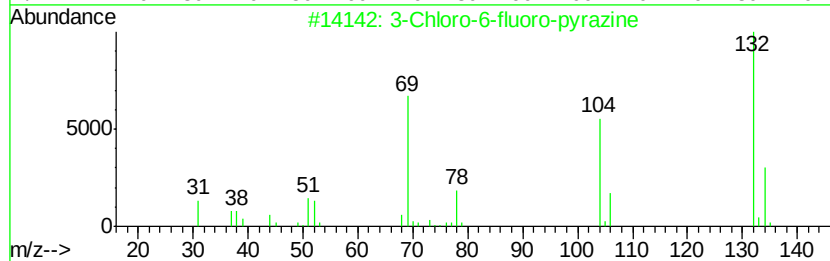
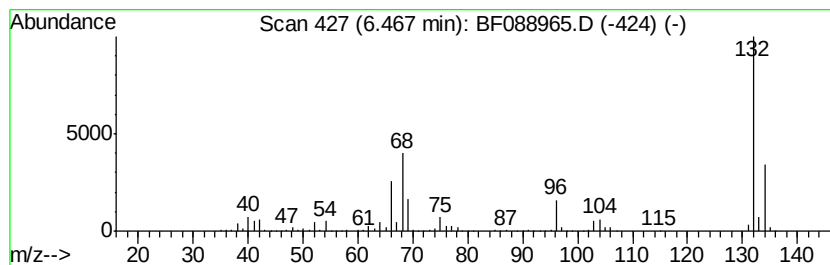
TIC Library : C:\Database\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 5 unknown6.47 Concentration Rank 1

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 6.47 | 88.07 ng | 1876970 | 1,4-Dichlorobenzene-d4 | 6.70 |

| Hit# | of                                   | 5 | Tentative ID | MW  | MolForm   | CAS#         | Qual |
|------|--------------------------------------|---|--------------|-----|-----------|--------------|------|
| 1    | 3-Chloro-6-fluoro-pyrazine           |   |              | 132 | C4H2ClFN2 | 1000146-10-7 | 35   |
| 2    | 1,3,5-Trifluorobenzene               |   |              | 132 | C6H3F3    | 000372-38-3  | 9    |
| 3    | Bicyclo[4.2.0]octa-1,3,5-triene, ... |   |              | 132 | C10H12    | 028749-81-7  | 9    |
| 4    | 1,3,4-Thiadiazole-2(3H)-thione, ...  |   |              | 132 | C3H4N2S2  | 029490-19-5  | 9    |
| 5    | 2H-Cyclopenta[d]pyridazine, 2-me...  |   |              | 132 | C8H8N2    | 022291-85-6  | 9    |



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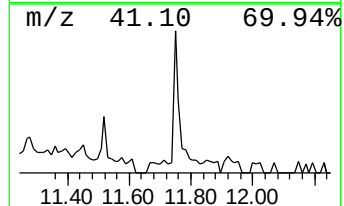
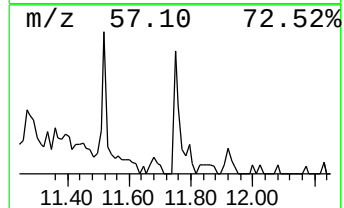
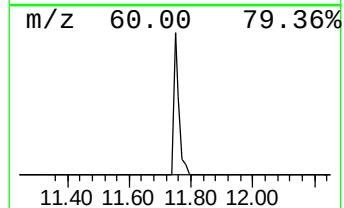
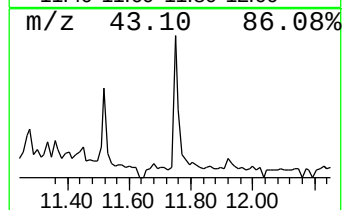
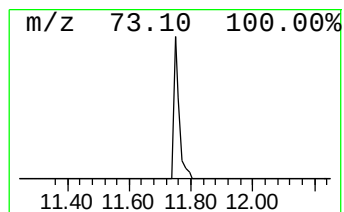
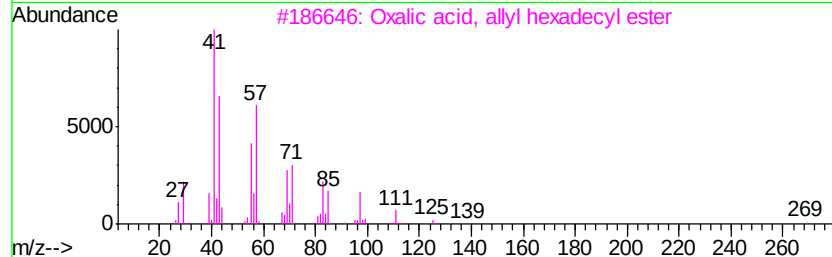
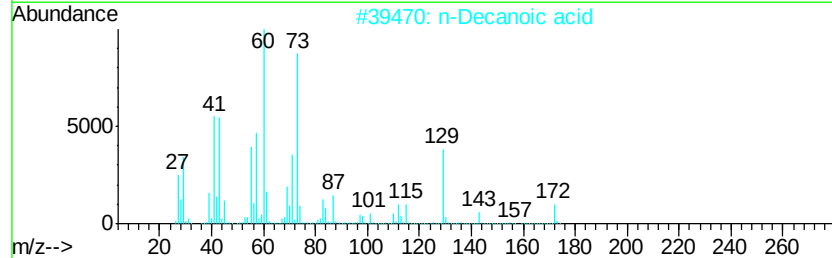
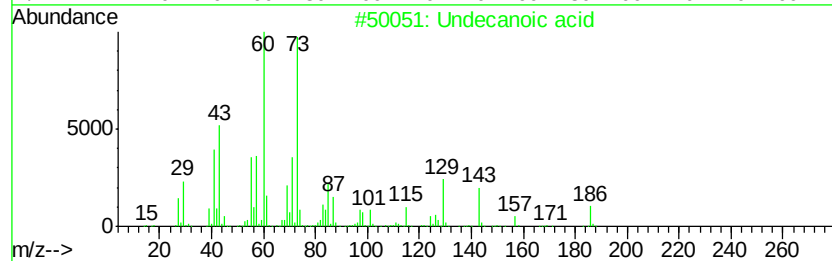
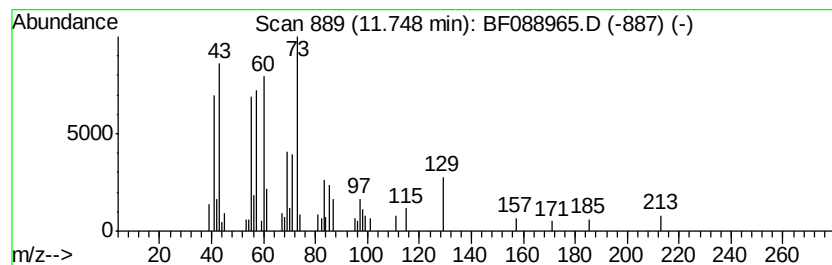
TIC Library : C:\Database\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 7 Undecanoic acid Concentration Rank 10

| R.T.  | EstConc | Area  | Relative to ISTD | R.T.  |
|-------|---------|-------|------------------|-------|
| 11.75 | 3.10 ng | 76416 | Phenanthrene-d10 | 11.20 |

| Hit# | of | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|-------------------------------------|-----|----------|--------------|------|
| 1    | 5  | Undecanoic acid                     | 186 | C11H22O2 | 000112-37-8  | 80   |
| 2    |    | n-Decanoic acid                     | 172 | C10H20O2 | 000334-48-5  | 59   |
| 3    |    | Oxalic acid, allyl hexadecyl ester  | 354 | C21H38O4 | 1000309-24-4 | 30   |
| 4    |    | Oxalic acid, allyl tridecyl ester   | 312 | C18H32O4 | 1000309-24-1 | 25   |
| 5    |    | Oxalic acid, allyl pentadecyl ester | 340 | C20H36O4 | 1000309-24-3 | 25   |



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Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF063016.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

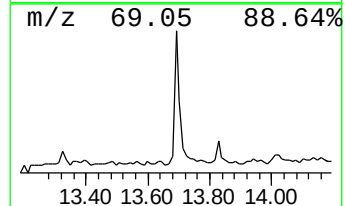
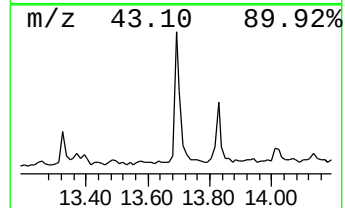
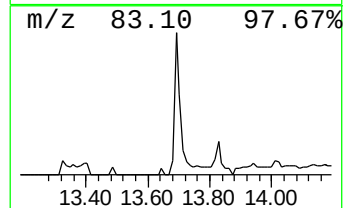
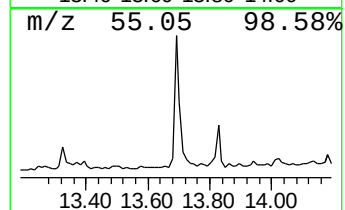
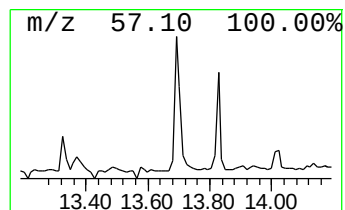
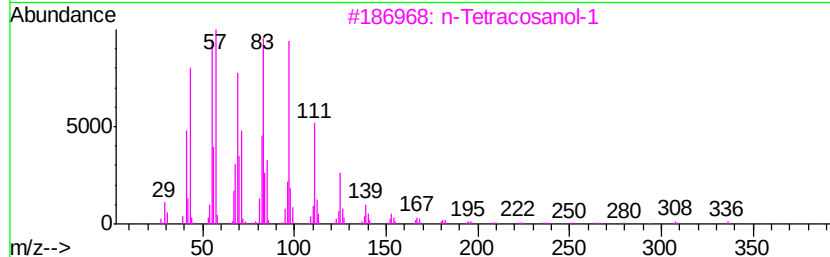
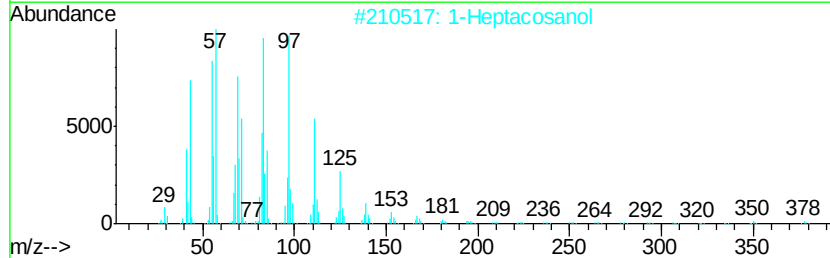
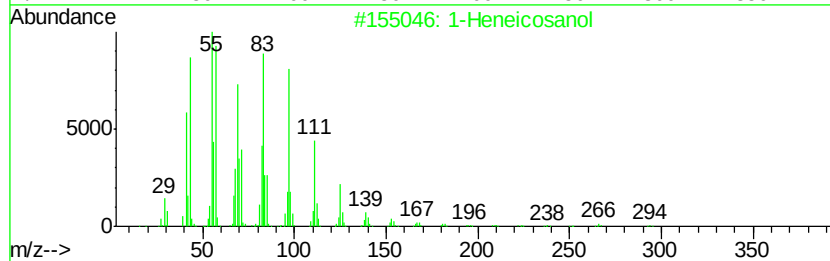
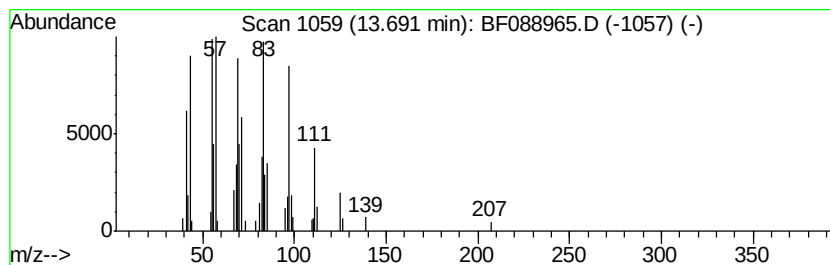
TIC Library : C:\Database\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 9 1-Heneicosanol Concentration Rank 9

| R.T.  | EstConc | Area  | Relative to ISTD | R.T.  |
|-------|---------|-------|------------------|-------|
| 13.69 | 4.20 ng | 92830 | Chrysene-d12     | 13.83 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm     | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|-------------|-------------|------|
| 1    |    |   | 1-Heneicosanol                      | 312 | C21H44O     | 015594-90-8 | 95   |
| 2    |    |   | 1-Heptacosanol                      | 396 | C27H56O     | 002004-39-9 | 94   |
| 3    |    |   | n-Tetracosanol-1                    | 354 | C24H50O     | 000506-51-4 | 94   |
| 4    |    |   | Behenic alcohol                     | 326 | C22H46O     | 000661-19-8 | 93   |
| 5    |    |   | Trichloroacetic acid, tetradecyl... | 358 | C16H29Cl3O2 | 074339-52-9 | 91   |





Data Path : Z:\HPCHEM1\BNA F\DATA\BF071316\  
Data File : BF088965.D  
Acq On : 13 Jul 2016 18:41  
Operator : UM/SJ  
Sample : H3952-01  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
FILL

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

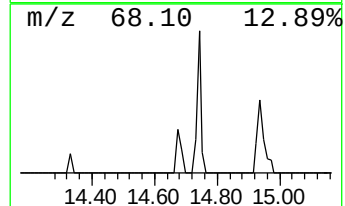
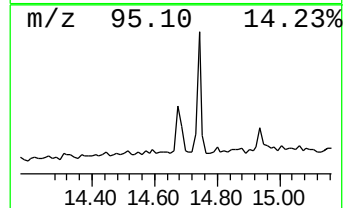
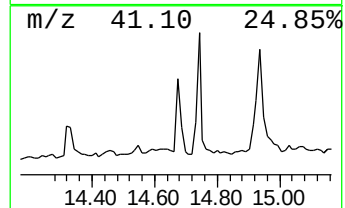
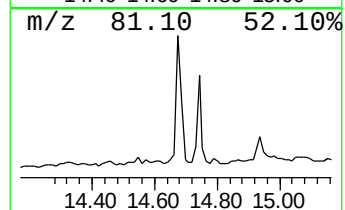
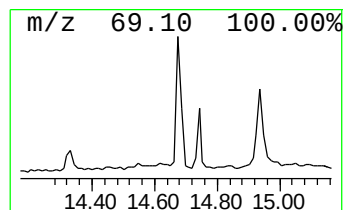
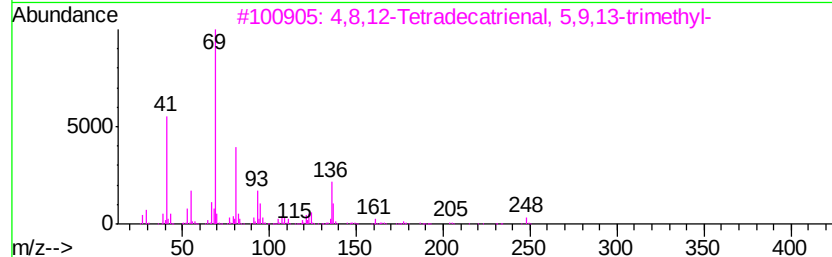
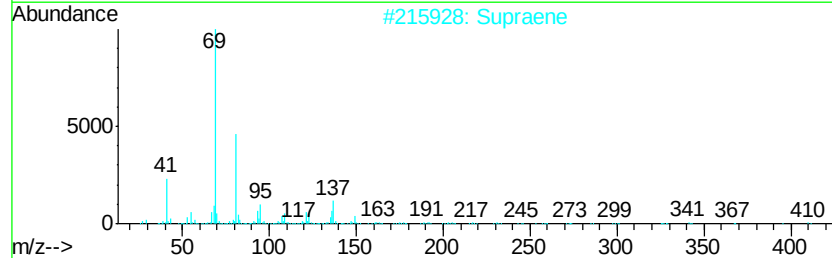
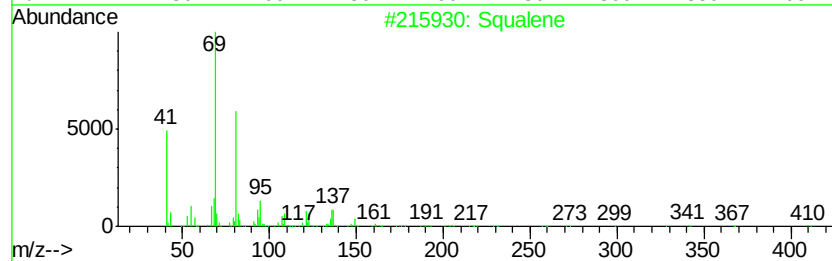
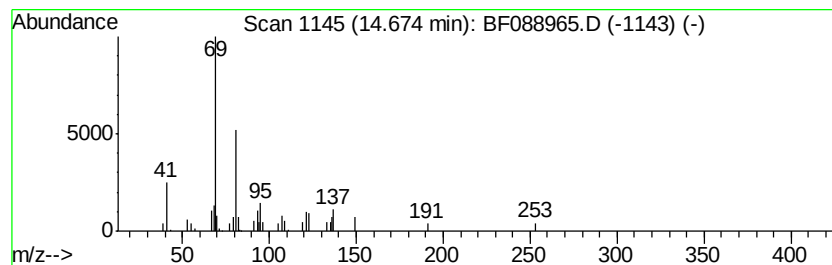
TIC Library : C:\Database\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 10 Squalene Concentration Rank 14

| R.T.  | EstConc | Area  | Relative to ISTD | R.T.  |
|-------|---------|-------|------------------|-------|
| 14.67 | 2.02 ng | 36850 | Perylene-d12     | 15.20 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------------|-----|---------|-------------|------|
| 1    | 5  | Squalene                            | 410 | C30H50  | 000111-02-4 | 86   |
| 2    |    | Supraene                            | 410 | C30H50  | 007683-64-9 | 86   |
| 3    |    | 4,8,12-Tetradecatrienal, 5,9,13-... | 248 | C17H28O | 066408-55-7 | 64   |
| 4    |    | 4,9,13,17-Tetramethyl-4,8,12,16-... | 316 | C22H36O | 056882-09-8 | 64   |
| 5    |    | 2,6,10-Dodecatrien-1-ol, 3,7,11-... | 222 | C15H26O | 004602-84-0 | 64   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF071316\  
Data File : BF088965.D  
Acq On : 13 Jul 2016 18:41  
Operator : UM/SJ  
Sample : H3952-01  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampled :  
FILL

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF063016.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

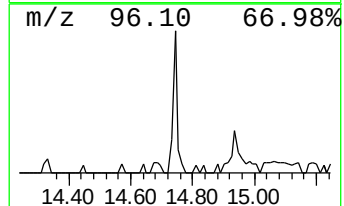
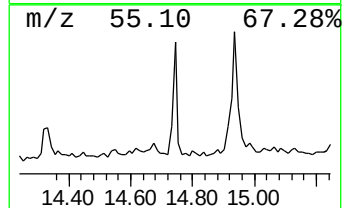
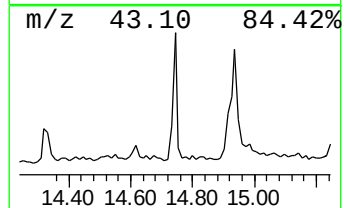
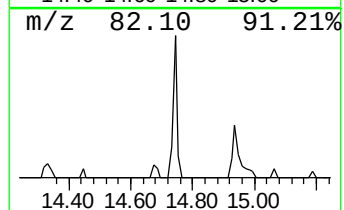
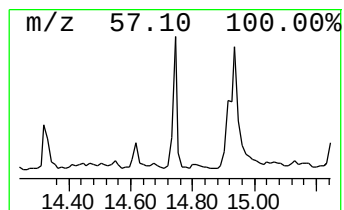
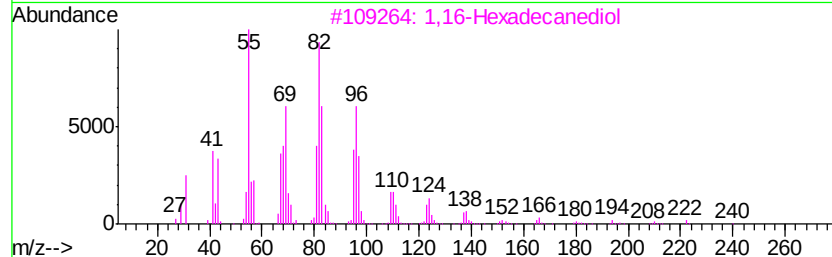
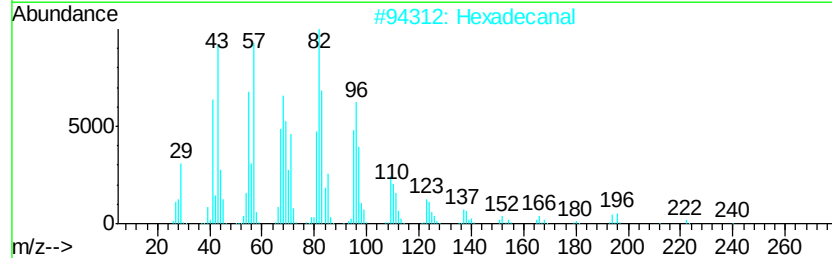
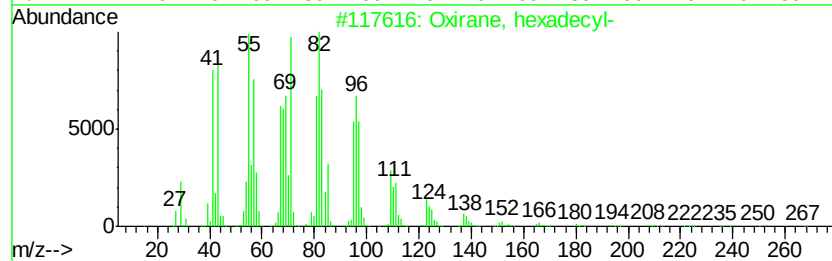
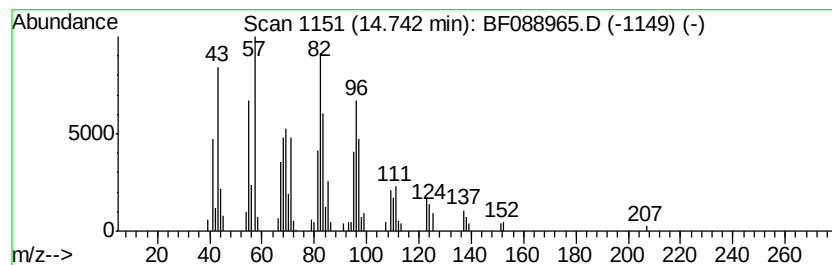
TIC Library : C:\Database\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 11 Oxirane, hexadecyl- Concentration Rank 8

| R.T.  | EstConc | Area  | Relative to ISTD | R.T.  |
|-------|---------|-------|------------------|-------|
| 14.74 | 4.58 ng | 83404 | Perylene-d12     | 15.20 |

| Hit# | of | Tentative ID        | MW  | MolForm  | CAS#         | Qual |
|------|----|---------------------|-----|----------|--------------|------|
| 1    | 5  | Oxirane, hexadecyl- | 268 | C18H36O  | 007390-81-0  | 91   |
| 2    |    | Hexadecanal         | 240 | C16H32O  | 000629-80-1  | 83   |
| 3    |    | 1,16-Hexadecanediol | 258 | C16H34O2 | 007735-42-4  | 74   |
| 4    |    | 1,19-Eicosadiene    | 278 | C20H38   | 014811-95-1  | 74   |
| 5    |    | 18-Nonadecen-1-ol   | 282 | C19H38O  | 1000142-89-2 | 64   |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF071316\  
Data File : BF088965.D  
Acq On : 13 Jul 2016 18:41  
Operator : UM/SJ  
Sample : H3952-01  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
FILL

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

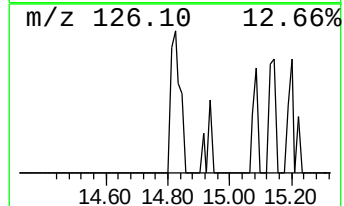
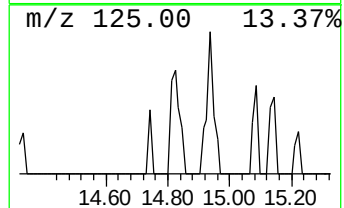
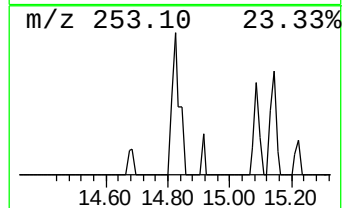
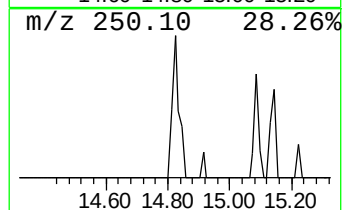
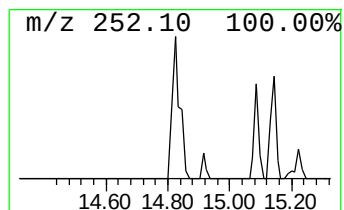
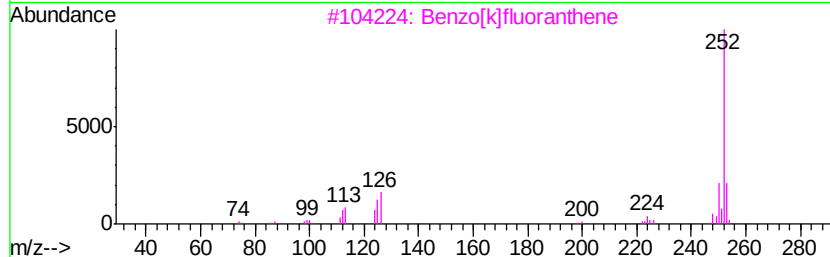
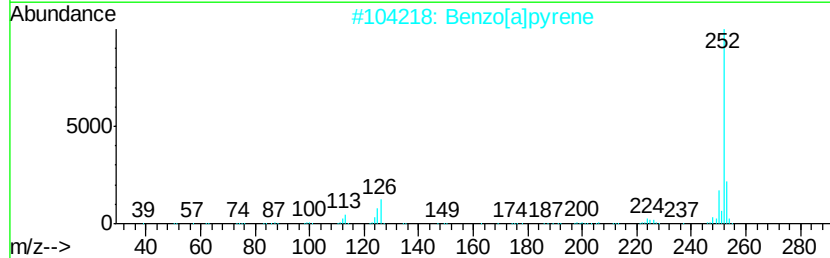
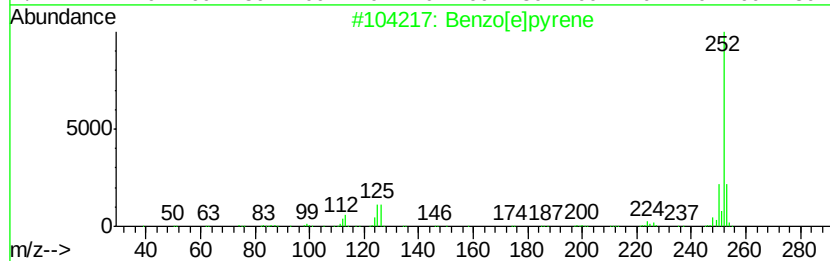
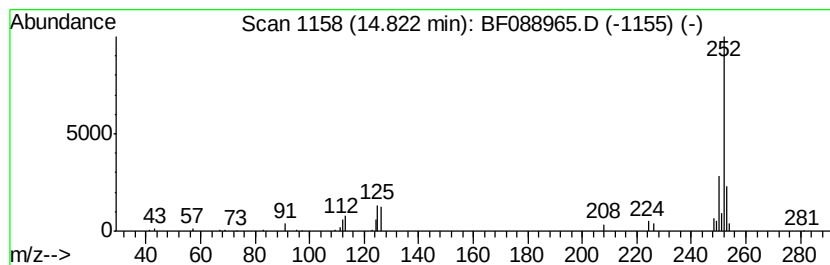
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TIC Integration Parameters: LSCINT.P

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Peak Number 12 Benzo[e]pyrene Concentration Rank 13

| R.T.  | EstConc | Area  | Relative to ISTD | R.T.  |
|-------|---------|-------|------------------|-------|
| 14.82 | 2.23 ng | 40692 | Perylene-d12     | 15.20 |

| Hit# | of | Tentative ID              | MW  | MolForm | CAS#        | Qual |
|------|----|---------------------------|-----|---------|-------------|------|
| 1    | 5  | Benzo[e]pyrene            | 252 | C20H12  | 000192-97-2 | 95   |
| 2    |    | Benzo[a]pyrene            | 252 | C20H12  | 000050-32-8 | 94   |
| 3    |    | Benzo[k]fluoranthene      | 252 | C20H12  | 000207-08-9 | 93   |
| 4    |    | Benzo[e]acephenanthrylene | 252 | C20H12  | 000205-99-2 | 89   |
| 5    |    | Benzo[j]fluoranthene      | 252 | C20H12  | 000205-82-3 | 81   |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF071316\  
Data File : BF088965.D  
Acq On : 13 Jul 2016 18:41  
Operator : UM/SJ  
Sample : H3952-01  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

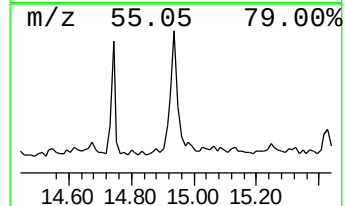
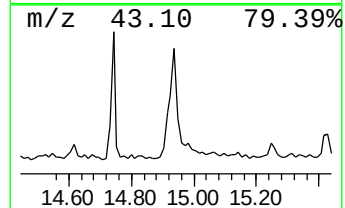
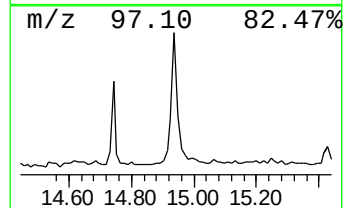
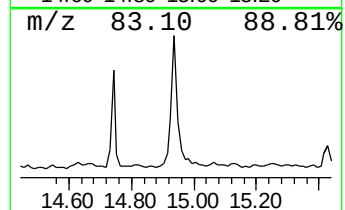
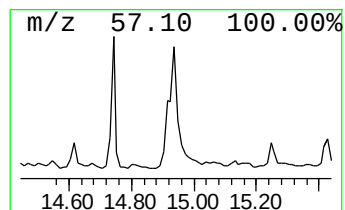
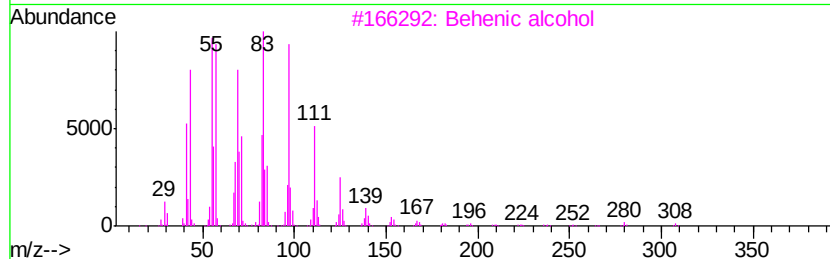
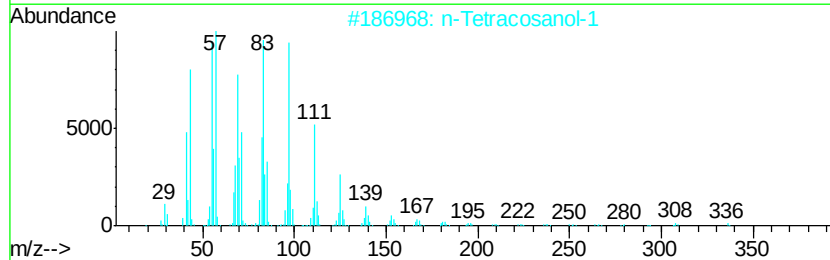
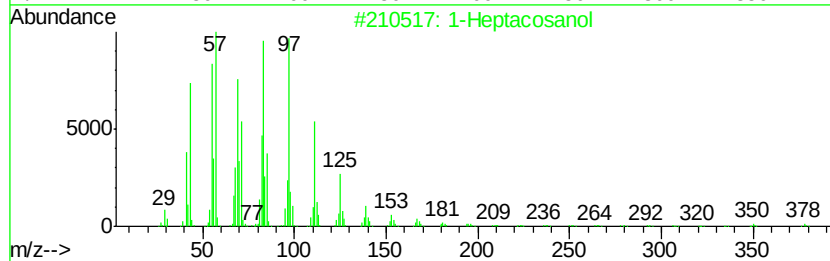
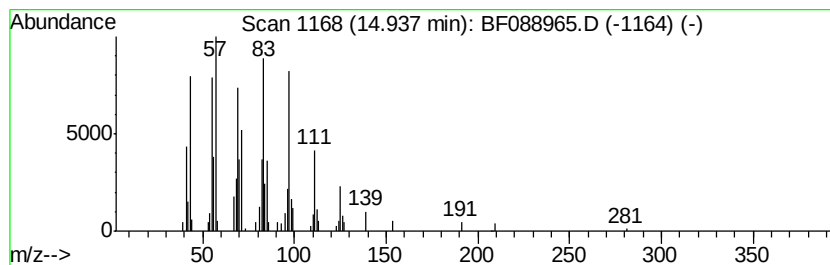
Instrument :  
BNA\_F  
ClientSampleId :  
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 13 1-Heptacosanol Concentration Rank 7

| R.T.      | EstConc                             | Area   | Relative to ISTD | R.T.        |      |
|-----------|-------------------------------------|--------|------------------|-------------|------|
| 14.94     | 7.52 ng                             | 137164 | Perylene-d12     | 15.20       |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm          | CAS#        | Qual |
| 1         | 1-Heptacosanol                      | 396    | C27H56O          | 002004-39-9 | 95   |
| 2         | n-Tetracosanol-1                    | 354    | C24H50O          | 000506-51-4 | 95   |
| 3         | Behenic alcohol                     | 326    | C22H46O          | 000661-19-8 | 95   |
| 4         | 2- Chloropropionic acid, octadec... | 360    | C21H41ClO2       | 088104-31-8 | 94   |
| 5         | Octacosyl acetate                   | 452    | C30H60O2         | 018206-97-8 | 93   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF071316\  
Data File : BF088965.D  
Acq On : 13 Jul 2016 18:41  
Operator : UM/SJ  
Sample : H3952-01  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
FILL

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF063016.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

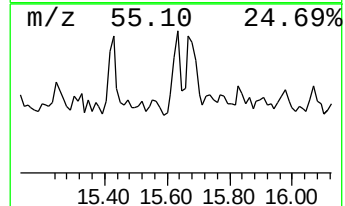
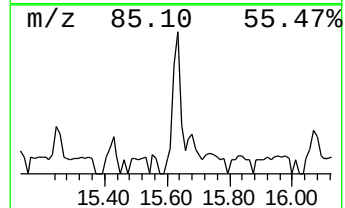
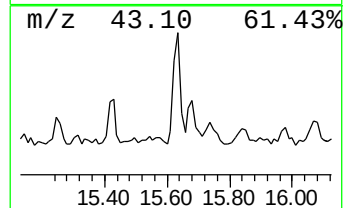
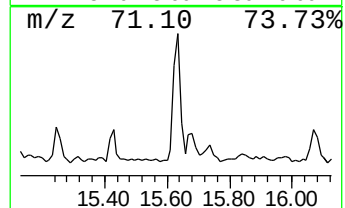
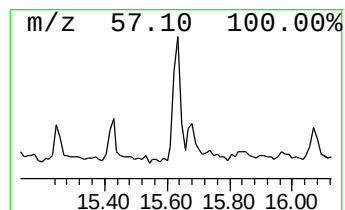
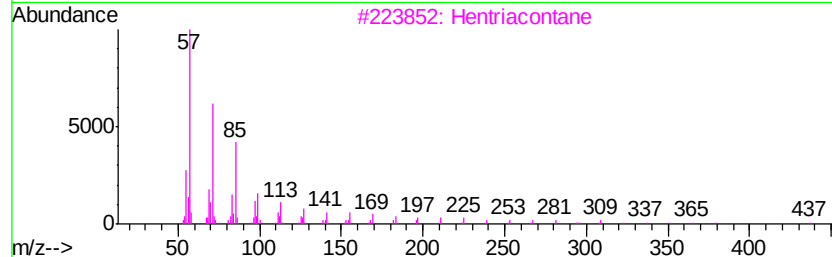
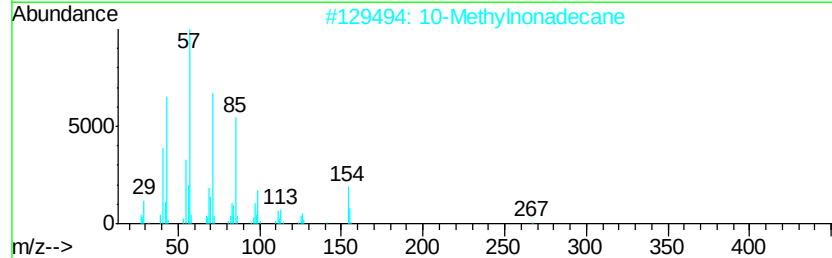
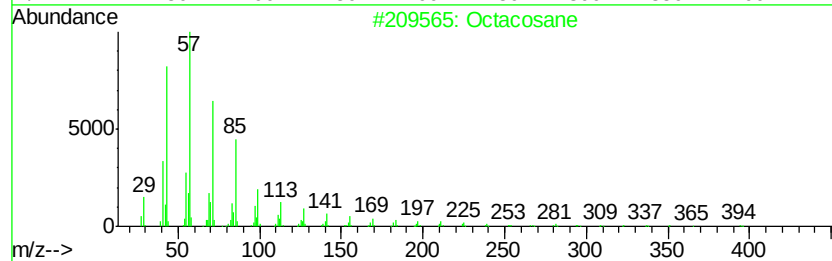
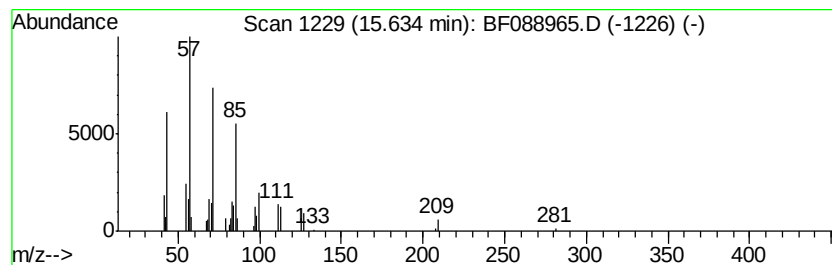
TIC Library : C:\Database\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 14 Octacosane Concentration Rank 12

| R.T.  | EstConc | Area  | Relative to ISTD | R.T.  |
|-------|---------|-------|------------------|-------|
| 15.63 | 2.34 ng | 42714 | Perylene-d12     | 15.20 |

| Hit# | of | 5 | Tentative ID        | MW  | MolForm | CAS#        | Qual |
|------|----|---|---------------------|-----|---------|-------------|------|
| 1    |    |   | Octacosane          | 394 | C28H58  | 000630-02-4 | 90   |
| 2    |    |   | 10-Methylnonadecane | 282 | C20H42  | 056862-62-5 | 87   |
| 3    |    |   | Hentriacontane      | 437 | C31H64  | 000630-04-6 | 87   |
| 4    |    |   | Heneicosane         | 296 | C21H44  | 000629-94-7 | 86   |
| 5    |    |   | Hexadecane          | 226 | C16H34  | 000544-76-3 | 86   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF071316\  
Data File : BF088965.D  
Acq On : 13 Jul 2016 18:41  
Operator : UM/SJ  
Sample : H3952-01  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
FILL

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF063016.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                      |       |         |       |          | #                     | RT    | Resp   | Conc |
| Propane, 1,1-dime... | 1.93  | 11.8    | ng    | 251526   | 1                     | 6.70  | 426268 | 20.0 |
| 2-Pentanone, 4-hy... | 4.86  | 18.5    | ng    | 393941   | 1                     | 6.70  | 426268 | 20.0 |
| unknown6.47          | 6.47  | 88.1    | ng    | 1876970  | 1                     | 6.70  | 426268 | 20.0 |
| Undecanoic acid      | 11.75 | 3.1     | ng    | 76416    | 4                     | 11.20 | 493349 | 20.0 |
| 1-Heneicosanol       | 13.69 | 4.2     | ng    | 92830    | 5                     | 13.83 | 441735 | 20.0 |
| Squalene             | 14.67 | 2.0     | ng    | 36850    | 6                     | 15.20 | 364608 | 20.0 |
| Oxirane, hexadecyl-  | 14.74 | 4.6     | ng    | 83404    | 6                     | 15.20 | 364608 | 20.0 |
| Benzo[e]pyrene       | 14.82 | 2.2     | ng    | 40692    | 6                     | 15.20 | 364608 | 20.0 |
| 1-Heptacosanol       | 14.94 | 7.5     | ng    | 137164   | 6                     | 15.20 | 364608 | 20.0 |
| Octacosane           | 15.63 | 2.3     | ng    | 42714    | 6                     | 15.20 | 364608 | 20.0 |