

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071616\  
 Data File : BF089049.D  
 Acq On : 16 Jul 2016 12:06  
 Operator : UM/SJ  
 Sample : H3951-13 5X  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 LSS-SB-SB05(0-2in)

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-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         | 1.770       | 14            | 16          | 42           | rVB      | 1309045        | 2353427       | 100.00%         | 23.127%       |
| 2         | 2.181       | 50            | 52          | 80           | rVB3     | 9014           | 52800         | 2.24%           | 0.519%        |
| 3         | 4.776       | 278           | 279         | 284          | rVB      | 29182          | 37985         | 1.61%           | 0.373%        |
| 4         | 4.913       | 284           | 291         | 297          | rBV      | 8216           | 27536         | 1.17%           | 0.271%        |
| 5         | 5.244       | 318           | 320         | 323          | rBV      | 221605         | 253575        | 10.77%          | 2.492%        |
| 6         | 6.307       | 411           | 413         | 420          | rVB      | 330170         | 289409        | 12.30%          | 2.844%        |
| 7         | 6.433       | 422           | 424         | 426          | rBV      | 251972         | 275615        | 11.71%          | 2.709%        |
| 8         | 6.662       | 441           | 444         | 446          | rBV      | 427092         | 373564        | 15.87%          | 3.671%        |
| 9         | 6.810       | 455           | 457         | 459          | rVB      | 191571         | 203444        | 8.64%           | 1.999%        |
| 10        | 7.222       | 491           | 493         | 495          | rBV      | 205429         | 163988        | 6.97%           | 1.612%        |
| 11        | 7.942       | 554           | 556         | 559          | rBV      | 395344         | 469354        | 19.94%          | 4.612%        |
| 12        | 8.719       | 621           | 624         | 628          | rBV      | 13693          | 26111         | 1.11%           | 0.257%        |
| 13        | 9.028       | 648           | 651         | 653          | rVB      | 351227         | 334297        | 14.20%          | 3.285%        |
| 14        | 9.428       | 683           | 686         | 688          | rBV      | 70289          | 65139         | 2.77%           | 0.640%        |
| 15        | 9.702       | 707           | 710         | 711          | rBV      | 555318         | 542738        | 23.06%          | 5.334%        |
| 16        | 10.479      | 776           | 778         | 780          | rBV      | 142905         | 125253        | 5.32%           | 1.231%        |
| 17        | 11.062      | 827           | 829         | 831          | rBV2     | 22130          | 34446         | 1.46%           | 0.339%        |
| 18        | 11.176      | 836           | 839         | 840          | rVV      | 569415         | 493095        | 20.95%          | 4.846%        |
| 19        | 11.245      | 842           | 845         | 847          | rVB      | 46964          | 56257         | 2.39%           | 0.553%        |
| 20        | 11.405      | 857           | 859         | 863          | rVB2     | 18167          | 25183         | 1.07%           | 0.247%        |
| 21        | 11.725      | 884           | 887         | 888          | rVV2     | 44451          | 71491         | 3.04%           | 0.703%        |
| 22        | 11.782      | 891           | 892         | 896          | rVB2     | 42420          | 54258         | 2.31%           | 0.533%        |
| 23        | 11.988      | 906           | 910         | 914          | rBV4     | 14639          | 32924         | 1.40%           | 0.324%        |
| 24        | 12.377      | 942           | 944         | 947          | rBV      | 268188         | 302037        | 12.83%          | 2.968%        |
| 25        | 12.514      | 954           | 956         | 959          | rBV2     | 30934          | 50165         | 2.13%           | 0.493%        |
| 26        | 12.605      | 961           | 964         | 967          | rBV      | 284924         | 309290        | 13.14%          | 3.039%        |
| 27        | 12.651      | 967           | 968         | 973          | rVB3     | 20153          | 27191         | 1.16%           | 0.267%        |
| 28        | 12.754      | 976           | 977         | 980          | rVB2     | 182634         | 238284        | 10.12%          | 2.342%        |
| 29        | 12.834      | 980           | 984         | 985          | rBV2     | 17523          | 30058         | 1.28%           | 0.295%        |
| 30        | 12.937      | 989           | 993         | 995          | rBV      | 41287          | 59733         | 2.54%           | 0.587%        |
| 31        | 13.005      | 997           | 999         | 1000         | rVV      | 34541          | 35170         | 1.49%           | 0.346%        |
| 32        | 13.040      | 1000          | 1002        | 1006         | rVB2     | 30784          | 45730         | 1.94%           | 0.449%        |
| 33        | 13.245      | 1017          | 1020        | 1022         | rBV      | 71343          | 86678         | 3.68%           | 0.852%        |
| 34        | 13.554      | 1044          | 1047        | 1048         | rBV2     | 22697          | 34662         | 1.47%           | 0.341%        |

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ClientSampleId :  
LSS-SB-SB05(0-2in)

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

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 35 | 13.680 | 1056 | 1058 | 1060 | rVB2 | 41888  | 44042  | 1.87%  | 0.433% |
| 36 | 13.805 | 1065 | 1069 | 1073 | rBV3 | 468721 | 758250 | 32.22% | 7.451% |
| 37 | 13.908 | 1076 | 1078 | 1080 | rBV  | 31728  | 36636  | 1.56%  | 0.360% |
| 38 | 14.308 | 1110 | 1113 | 1117 | rBV2 | 51617  | 93401  | 3.97%  | 0.918% |
| 39 | 14.491 | 1127 | 1129 | 1130 | rBV2 | 20801  | 26174  | 1.11%  | 0.257% |
| 40 | 14.720 | 1147 | 1149 | 1153 | rBV2 | 57179  | 67341  | 2.86%  | 0.662% |
| 41 | 14.800 | 1153 | 1156 | 1160 | rVV  | 155510 | 290335 | 12.34% | 2.853% |
| 42 | 14.891 | 1162 | 1164 | 1169 | rVB2 | 102366 | 140879 | 5.99%  | 1.384% |
| 43 | 15.063 | 1177 | 1179 | 1182 | rVB  | 100486 | 125162 | 5.32%  | 1.230% |
| 44 | 15.120 | 1182 | 1184 | 1186 | rVB  | 95533  | 130581 | 5.55%  | 1.283% |
| 45 | 15.177 | 1186 | 1189 | 1191 | rBV  | 258467 | 346840 | 14.74% | 3.408% |
| 46 | 15.405 | 1207 | 1209 | 1212 | rVB  | 29866  | 39076  | 1.66%  | 0.384% |
| 47 | 15.611 | 1224 | 1227 | 1229 | rBV  | 80524  | 127003 | 5.40%  | 1.248% |
| 48 | 16.297 | 1284 | 1287 | 1292 | rVB3 | 26507  | 64436  | 2.74%  | 0.633% |
| 49 | 16.446 | 1297 | 1300 | 1305 | rVB2 | 59804  | 108782 | 4.62%  | 1.069% |
| 50 | 16.823 | 1330 | 1333 | 1338 | rVB  | 45170  | 87141  | 3.70%  | 0.856% |
| 51 | 16.960 | 1343 | 1345 | 1348 | rVV4 | 15326  | 29942  | 1.27%  | 0.294% |
| 52 | 17.840 | 1418 | 1422 | 1428 | rVB3 | 28988  | 78974  | 3.36%  | 0.776% |

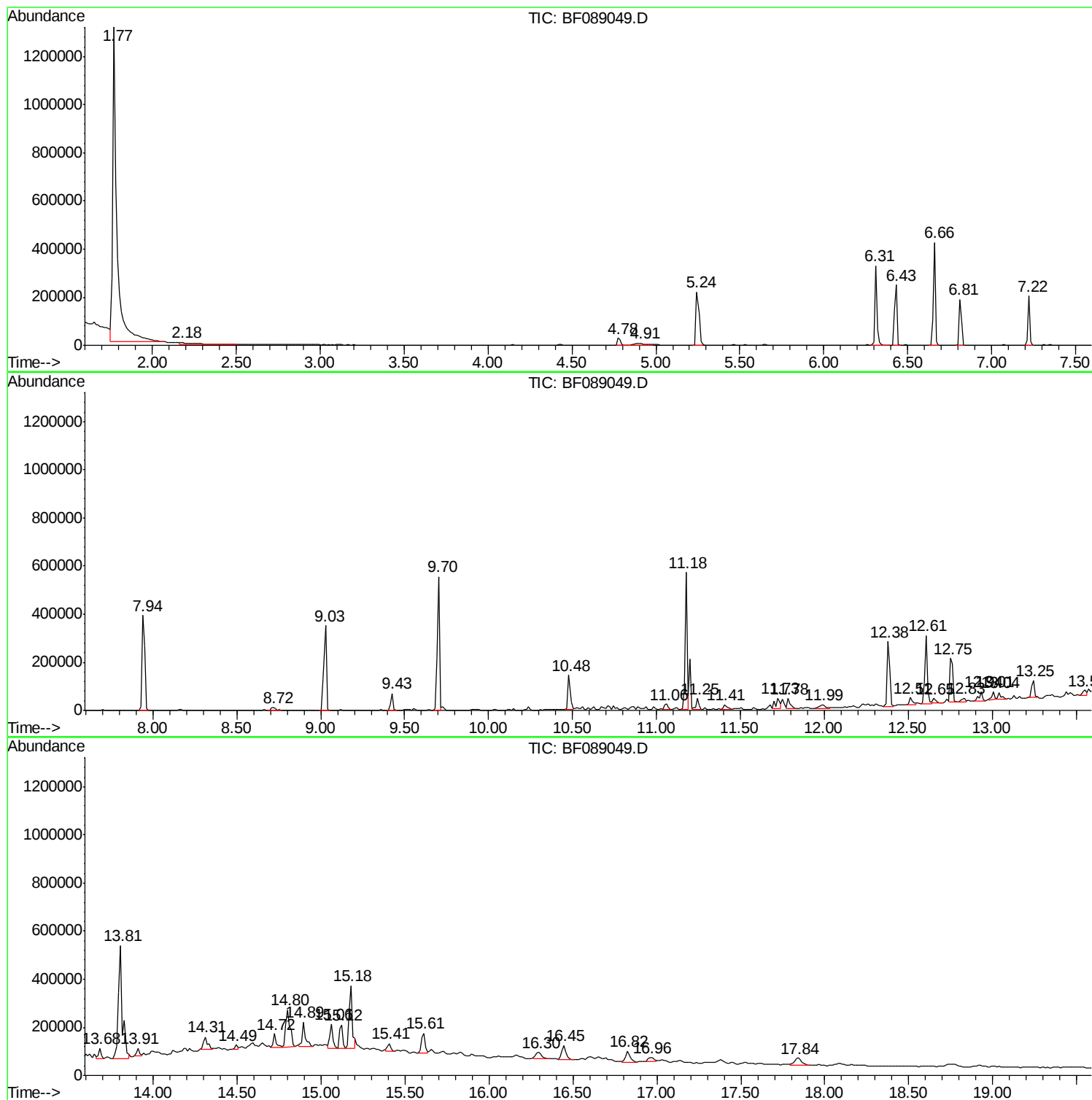
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ClientSampleId :  
LSS-SB-SB05(0-2in)

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF071616\  
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Operator : UM/SJ  
Sample : H3951-13 5X  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
LSS-SB-SB05(0-2in)

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

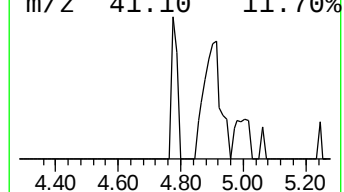
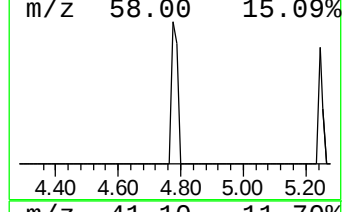
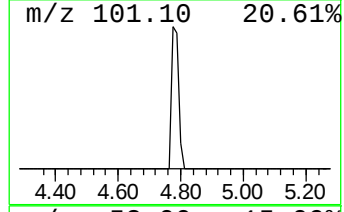
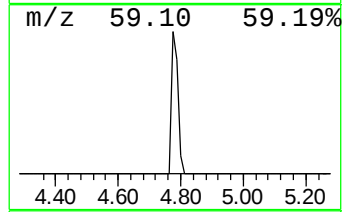
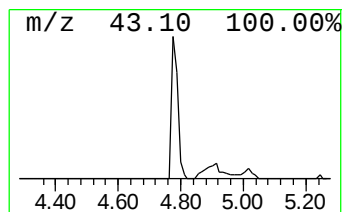
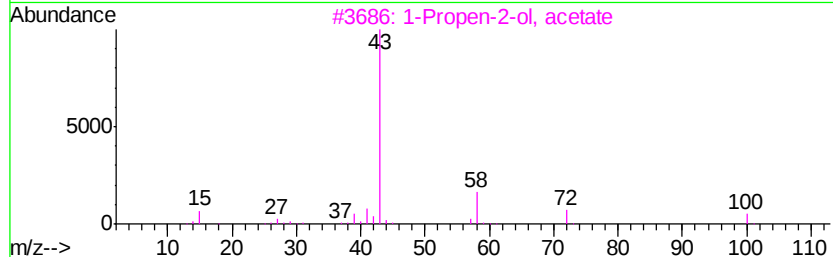
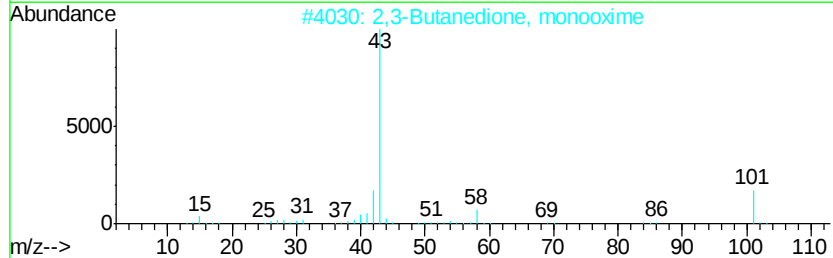
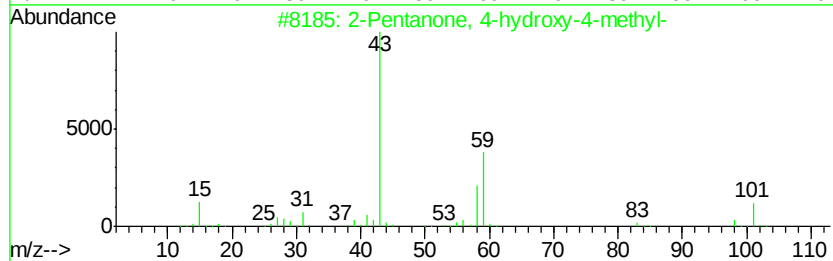
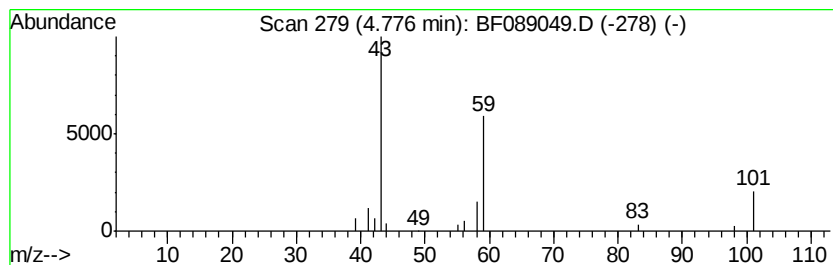
TIC Library : C:\Database\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 15

| R.T. | EstConc | Area  | Relative to ISTD       | R.T. |
|------|---------|-------|------------------------|------|
| 4.78 | 2.03 ng | 37985 | 1,4-Dichlorobenzene-d4 | 6.66 |

| Hit# | of                               | 5   | Tentative ID | MW          | MolForm | CAS# | Qual |
|------|----------------------------------|-----|--------------|-------------|---------|------|------|
| 1    | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2      | 000123-42-2 | 56      |      |      |
| 2    | 2,3-Butanedione, monooxime       | 101 | C4H7NO2      | 000057-71-6 | 9       |      |      |
| 3    | 1-Propen-2-ol, acetate           | 100 | C5H8O2       | 000108-22-5 | 9       |      |      |
| 4    | 2-Propanone, 1-(1-methylethoxy)- | 116 | C6H12O2      | 042781-12-4 | 9       |      |      |
| 5    | 2-Nonanone, 9-hydroxy-           | 158 | C9H18O2      | 025368-56-3 | 9       |      |      |



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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

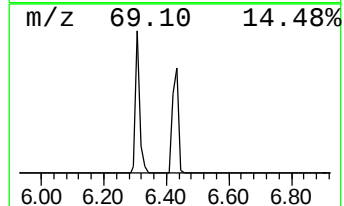
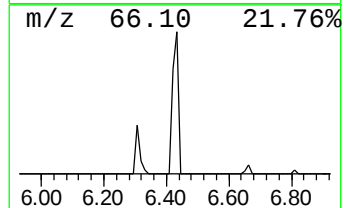
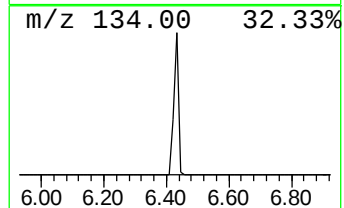
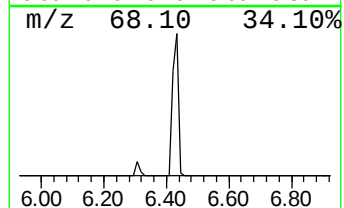
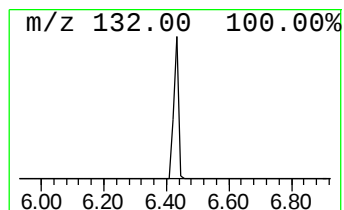
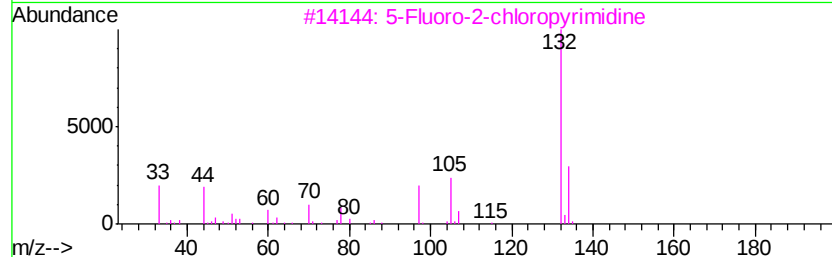
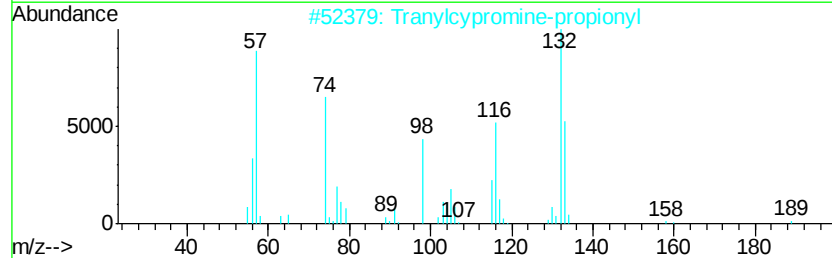
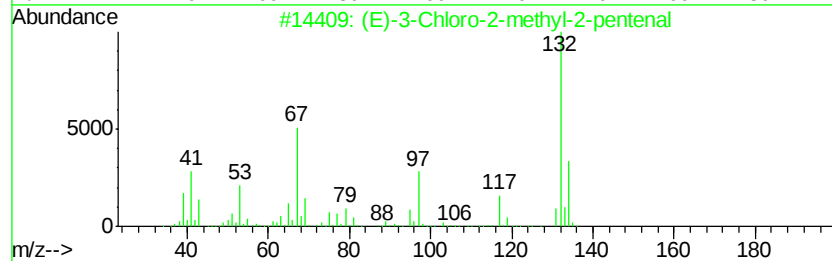
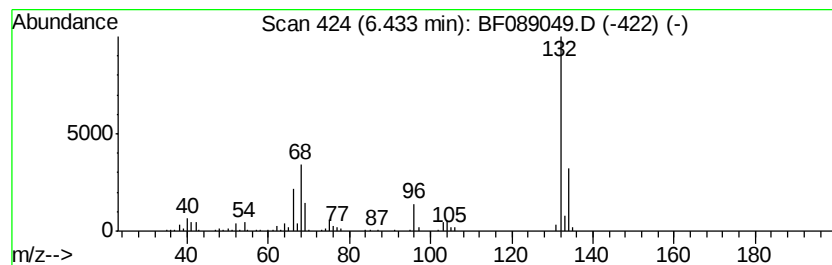
TIC Library : C:\Database\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 4 unknown6.43 Concentration Rank 2

| R.T. | EstConc  | Area   | Relative to ISTD       | R.T. |
|------|----------|--------|------------------------|------|
| 6.43 | 14.76 ng | 275615 | 1,4-Dichlorobenzene-d4 | 6.66 |

| Hit# | of | Tentative ID                     | MW  | MolForm   | CAS#         | Qual |
|------|----|----------------------------------|-----|-----------|--------------|------|
| 1    | 5  | (E)-3-Chloro-2-methyl-2-pentenal | 132 | C6H9ClO   | 031357-76-3  | 17   |
| 2    |    | Tranylcypromine-propionyl        | 189 | C12H15NO  | 1000123-86-3 | 12   |
| 3    |    | 5-Fluoro-2-chloropyrimidine      | 132 | C4H2ClFN2 | 062802-42-0  | 9    |
| 4    |    | 4-Chloro-6-fluoro-pyrimidine     | 132 | C4H2ClFN2 | 051422-01-6  | 9    |
| 5    |    | 4-Methylpyrrolo[1,2-a]pyrazine   | 132 | C8H8N2    | 064608-60-2  | 9    |



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ClientSampleId :  
LSS-SB-SB05(0-2in)

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

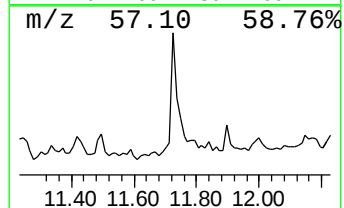
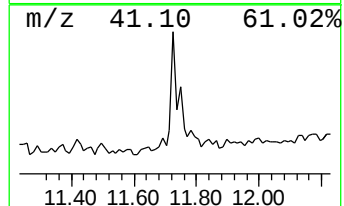
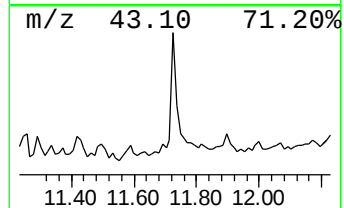
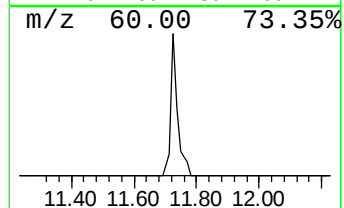
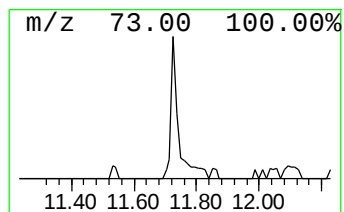
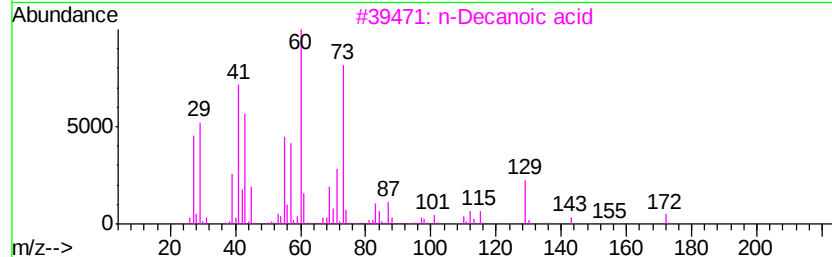
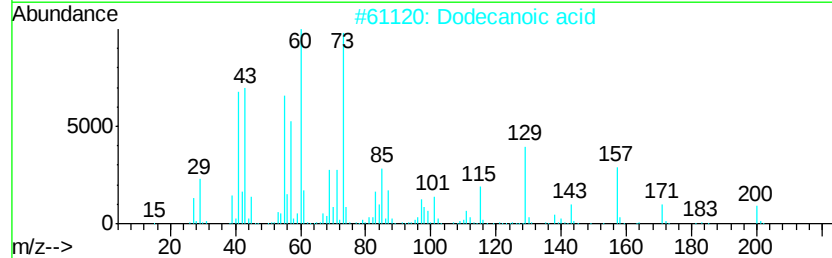
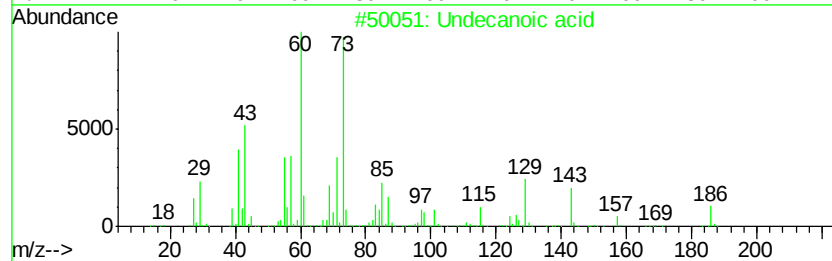
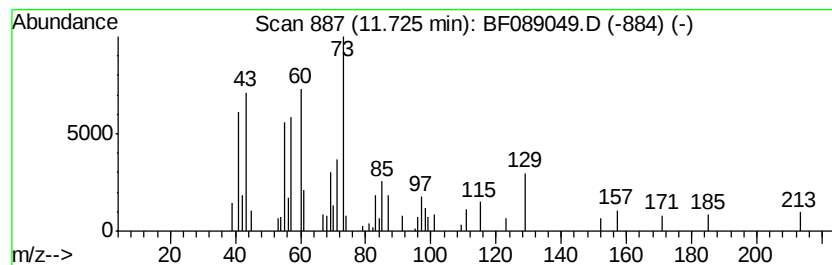
TIC Library : C:\Database\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 6 Undecanoic acid Concentration Rank 10

| R.T.  | EstConc | Area  | Relative to ISTD | R.T.  |
|-------|---------|-------|------------------|-------|
| 11.73 | 2.90 ng | 71491 | Phenanthrene-d10 | 11.18 |

| Hit# | of | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|-------------------------------------|-----|----------|-------------|------|
| 1    | 5  | Undecanoic acid                     | 186 | C11H22O2 | 000112-37-8 | 53   |
| 2    |    | Dodecanoic acid                     | 200 | C12H24O2 | 000143-07-7 | 53   |
| 3    |    | n-Decanoic acid                     | 172 | C10H20O2 | 000334-48-5 | 50   |
| 4    |    | Sedoheptulosan                      | 192 | C7H12O6  | 000469-90-9 | 43   |
| 5    |    | Ethanone, 1-(4,5-dihydro-2-thiaz... | 129 | C5H7NOS  | 029926-41-8 | 35   |



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

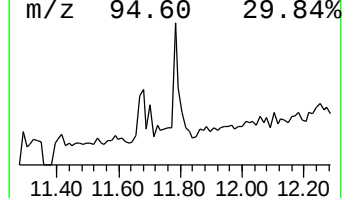
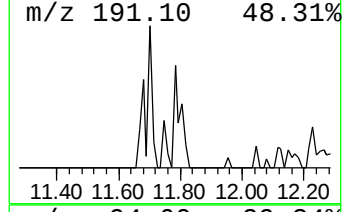
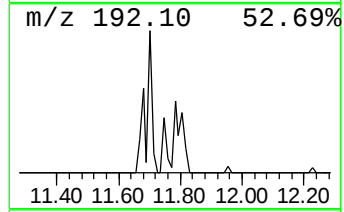
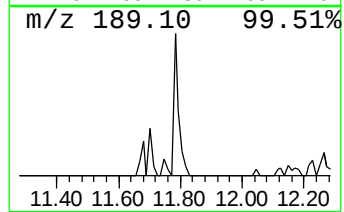
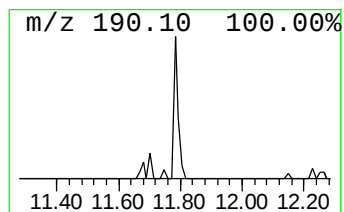
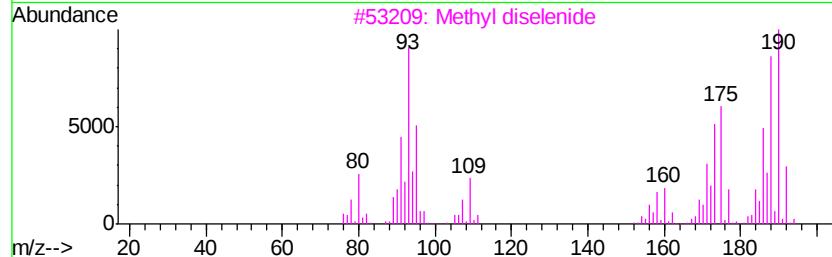
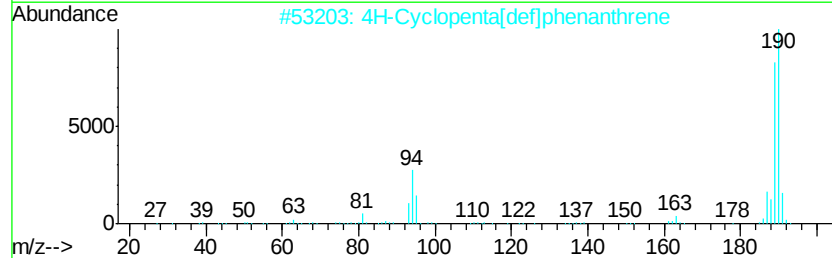
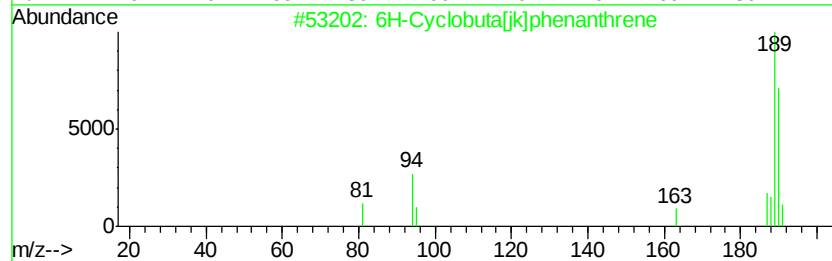
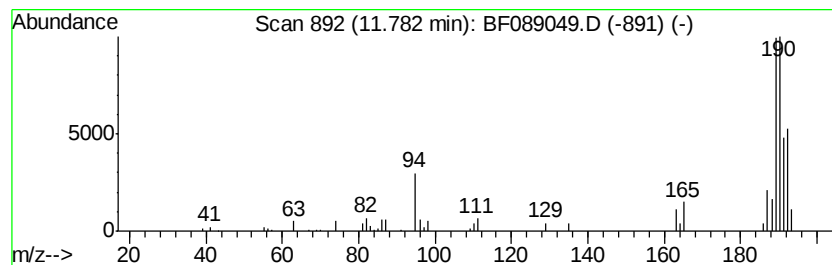
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TIC Integration Parameters: LSCINT.P

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Peak Number 7 6H-Cyclobuta[jk]phenanthrene Concentration Rank 14

| R.T.  | EstConc | Area  | Relative to ISTD | R.T.  |
|-------|---------|-------|------------------|-------|
| 11.78 | 2.20 ng | 54258 | Phenanthrene-d10 | 11.18 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | 6H-Cyclobuta[i]k]phenanthrene       | 190 | C15H10    | 083469-43-6  | 58   |
| 2    |    |   | 4H-Cyclopenta[def]phenanthrene      | 190 | C15H10    | 000203-64-5  | 58   |
| 3    |    |   | Methyl diselenide                   | 190 | C2H6Se2   | 007101-31-7  | 45   |
| 4    |    |   | 2,2'-Bis(4,5-dimethylimidazole)     | 190 | C10H14N4  | 069286-06-2  | 38   |
| 5    |    |   | 1H-Pyrazole-4-carboxaldehyde, 1-... | 190 | C10H7FN2O | 1000338-05-6 | 32   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF071616\  
Data File : BF089049.D  
Acq On : 16 Jul 2016 12:06  
Operator : UM/SJ  
Sample : H3951-13 5X  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
LSS-SB-SB05(0-2in)

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

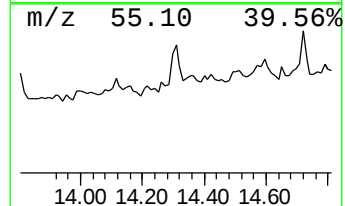
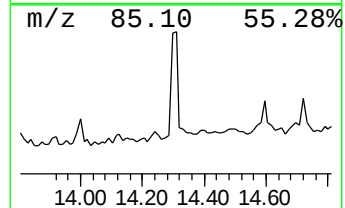
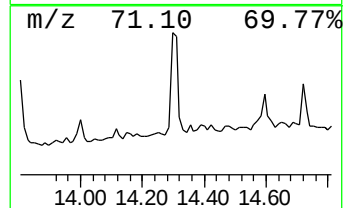
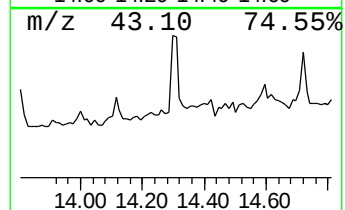
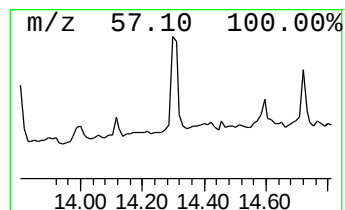
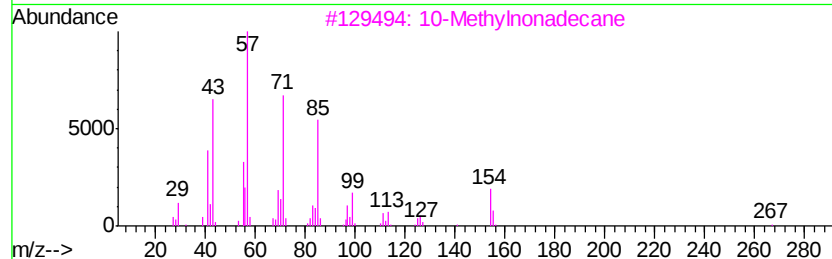
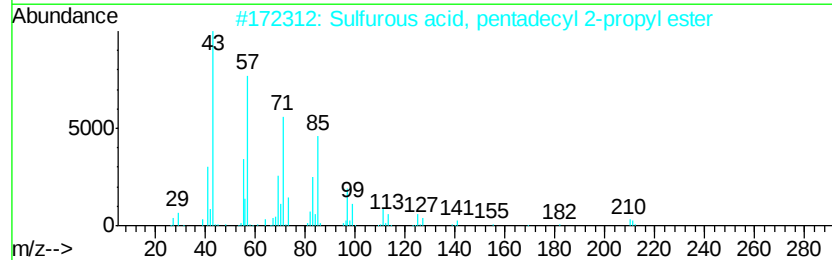
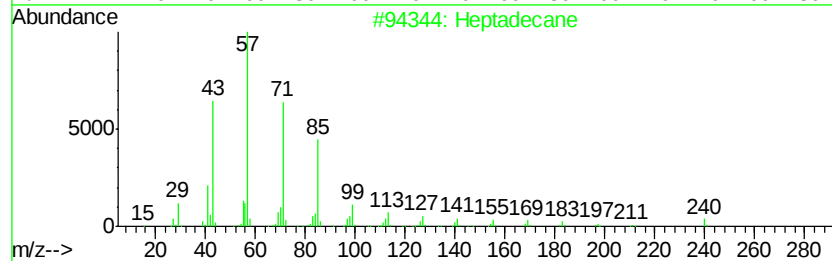
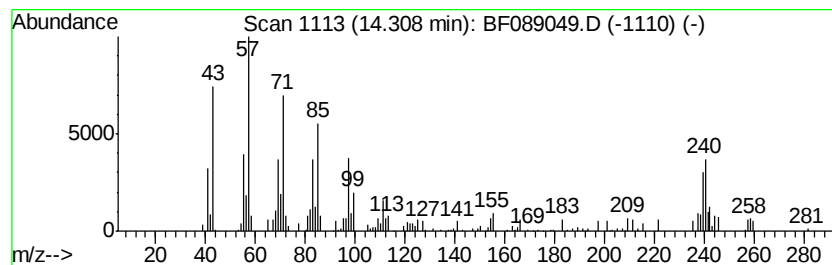
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TIC Integration Parameters: LSCINT.P

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Peak Number 8 Heptadecane Concentration Rank 12

| R.T.  | EstConc | Area  | Relative to ISTD | R.T.  |
|-------|---------|-------|------------------|-------|
| 14.31 | 2.46 ng | 93401 | Chrysene-d12     | 13.81 |

| Hit# of | 5                                   | Tentative ID | MW  | MolForm   | CAS#         | Qual |
|---------|-------------------------------------|--------------|-----|-----------|--------------|------|
| 1       | Heptadecane                         |              | 240 | C17H36    | 000629-78-7  | 58   |
| 2       | Sulfurous acid, pentadecyl 2-pro... |              | 334 | C18H38O3S | 1000309-12-6 | 52   |
| 3       | 10-Methylnonadecane                 |              | 282 | C20H42    | 056862-62-5  | 49   |
| 4       | Tetratetracontane                   |              | 619 | C44H90    | 007098-22-8  | 46   |
| 5       | Tritetracontane                     |              | 605 | C43H88    | 007098-21-7  | 46   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF071616\  
Data File : BF089049.D  
Acq On : 16 Jul 2016 12:06  
Operator : UM/SJ  
Sample : H3951-13 5X  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
LSS-SB-SB05(0-2in)

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

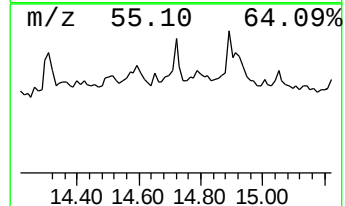
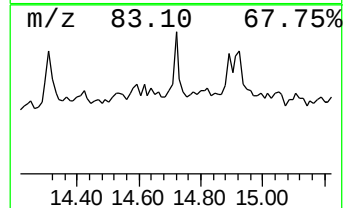
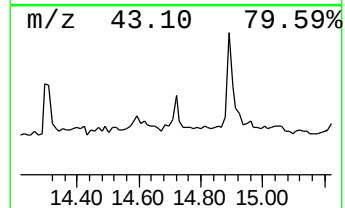
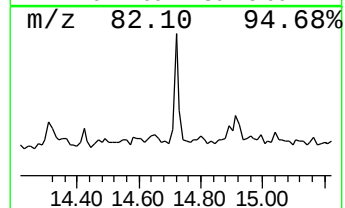
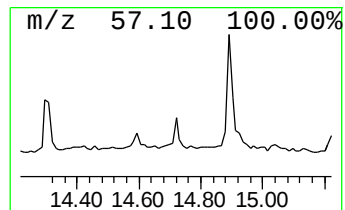
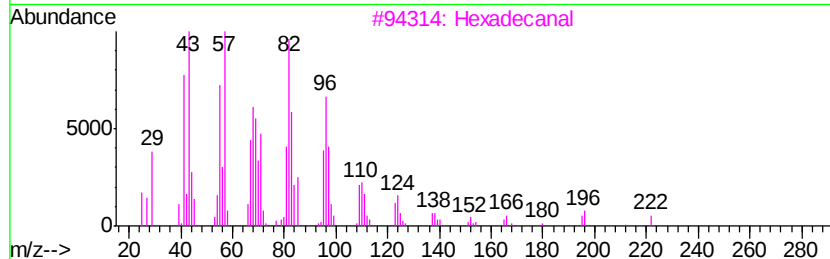
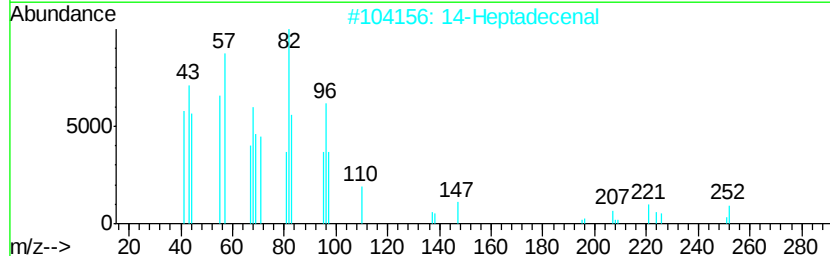
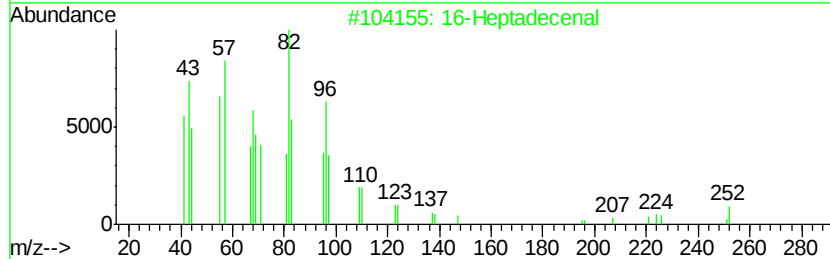
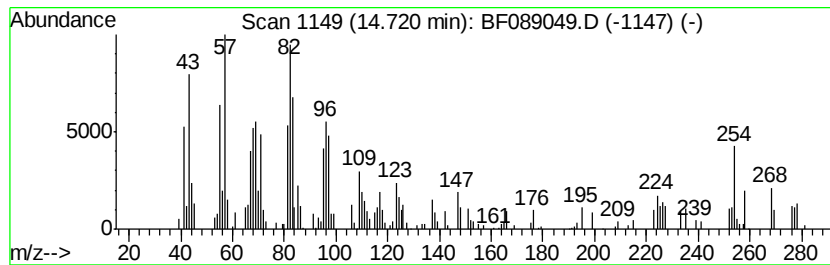
TIC Library : C:\Database\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 9 16-Heptadecenal Concentration Rank 8

| R.T.  | EstConc | Area  | Relative to ISTD | R.T.  |
|-------|---------|-------|------------------|-------|
| 14.72 | 3.88 ng | 67341 | Perylene-d12     | 15.18 |

| Hit# | of | Tentative ID                  | MW  | MolForm | CAS#         | Qual |
|------|----|-------------------------------|-----|---------|--------------|------|
| 1    | 5  | 16-Heptadecenal               | 252 | C17H32O | 1000144-57-9 | 87   |
| 2    |    | 14-Heptadecenal               | 252 | C17H32O | 1000144-58-0 | 70   |
| 3    |    | Hexadecanal                   | 240 | C16H32O | 000629-80-1  | 58   |
| 4    |    | Octadecanal                   | 268 | C18H36O | 000638-66-4  | 58   |
| 5    |    | Bicyclo[10.8.0]eicosane, (E)- | 278 | C20H38  | 1000155-85-0 | 55   |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF071616\  
Data File : BF089049.D  
Acq On : 16 Jul 2016 12:06  
Operator : UM/SJ  
Sample : H3951-13 5X  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
LSS-SB-SB05(0-2in)

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

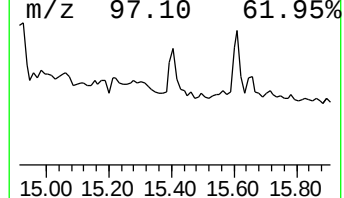
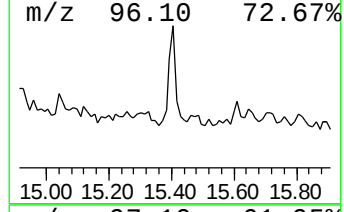
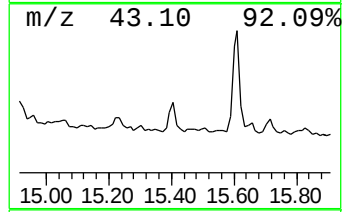
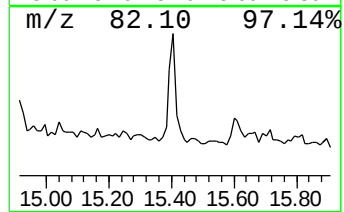
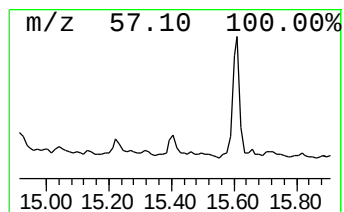
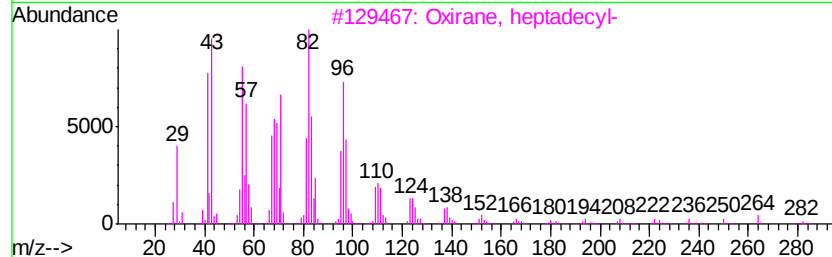
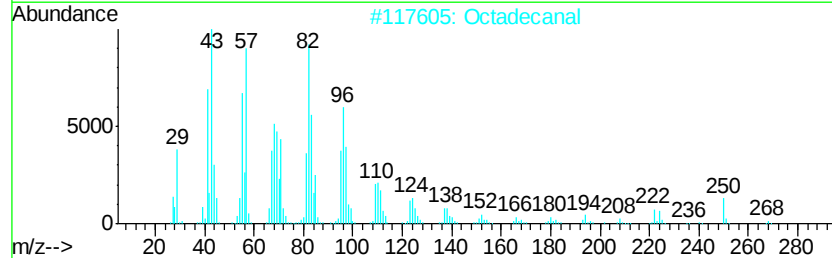
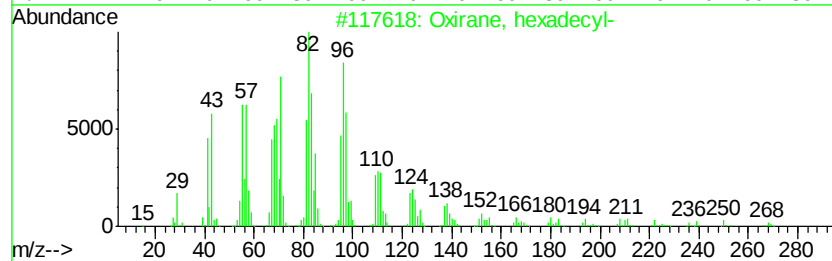
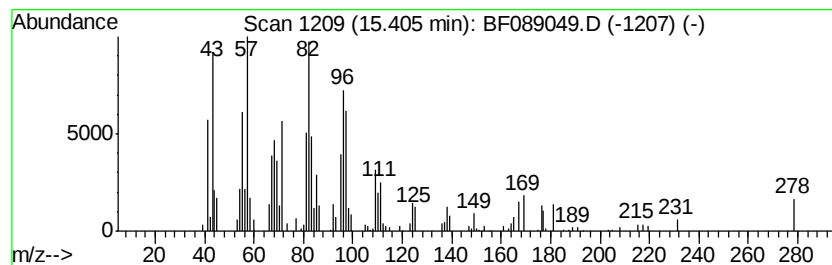
TIC Library : C:\Database\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 12 Oxirane, hexadecyl- Concentration Rank 13

| R.T.  | EstConc | Area  | Relative to ISTD | R.T.  |
|-------|---------|-------|------------------|-------|
| 15.41 | 2.25 ng | 39076 | Perylene-d12     | 15.18 |

| Hit# | of | 5 | Tentative ID                      | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------------------|-----|---------|-------------|------|
| 1    |    |   | Oxirane, hexadecyl-               | 268 | C18H36O | 007390-81-0 | 90   |
| 2    |    |   | Octadecanal                       | 268 | C18H36O | 000638-66-4 | 83   |
| 3    |    |   | Oxirane, heptadecyl-              | 282 | C19H38O | 067860-04-2 | 81   |
| 4    |    |   | 1,19-Eicosadiene                  | 278 | C20H38  | 014811-95-1 | 76   |
| 5    |    |   | Bicyclo[3.3.1]non-3-en-2-ol, exo- | 138 | C9H14O  | 010060-21-6 | 30   |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF071616\  
Data File : BF089049.D  
Acq On : 16 Jul 2016 12:06  
Operator : UM/SJ  
Sample : H3951-13 5X  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
LSS-SB-SB05(0-2in)

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

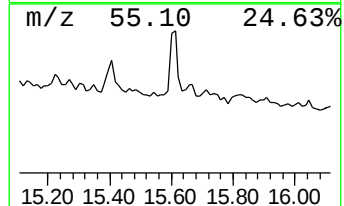
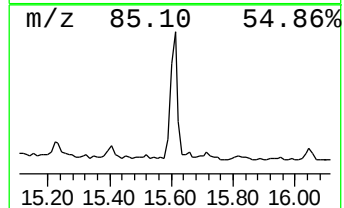
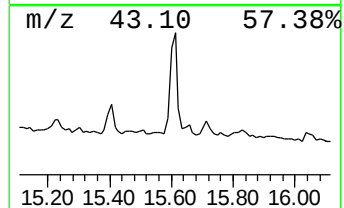
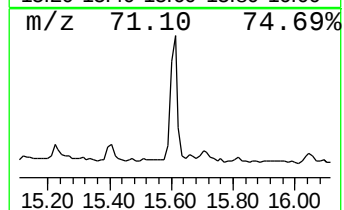
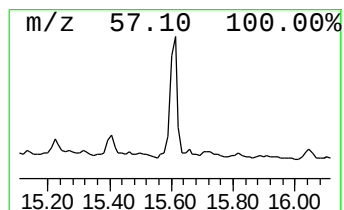
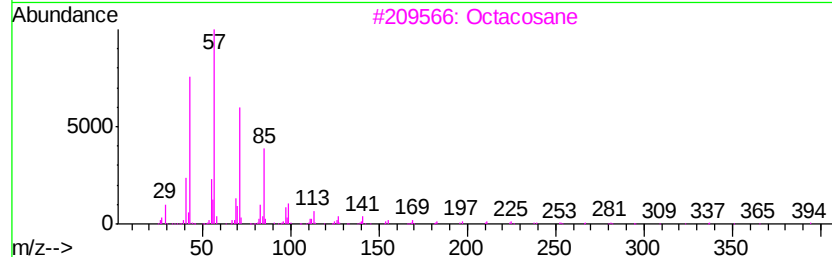
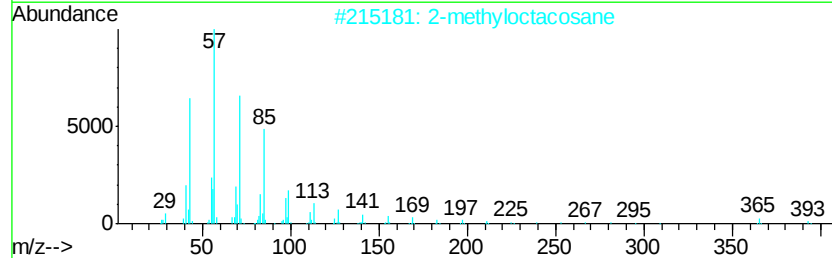
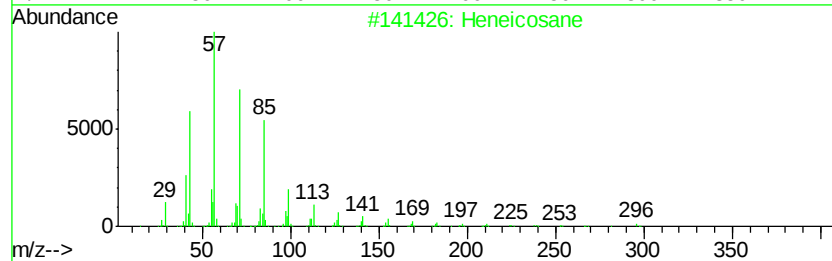
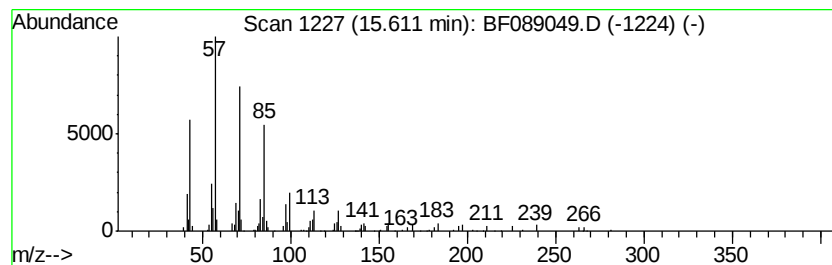
TIC Library : C:\Database\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 13 Heneicosane Concentration Rank 5

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 15.61 | 7.32 ng | 127003 | Perylene-d12     | 15.18 |

| Hit# | of | Tentative ID       | MW  | MolForm | CAS#         | Qual |
|------|----|--------------------|-----|---------|--------------|------|
| 1    | 5  | Heneicosane        | 296 | C21H44  | 000629-94-7  | 91   |
| 2    |    | 2-methyloctacosane | 408 | C29H60  | 1000376-72-8 | 91   |
| 3    |    | Octacosane         | 394 | C28H58  | 000630-02-4  | 91   |
| 4    |    | Tetracosane        | 338 | C24H50  | 000646-31-1  | 91   |
| 5    |    | Hexacosane         | 366 | C26H54  | 000630-01-3  | 87   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF071616\  
Data File : BF089049.D  
Acq On : 16 Jul 2016 12:06  
Operator : UM/SJ  
Sample : H3951-13 5X  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
LSS-SB-SB05(0-2in)

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

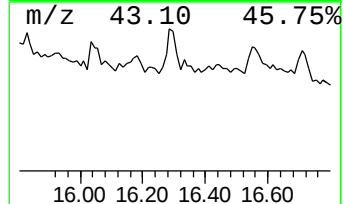
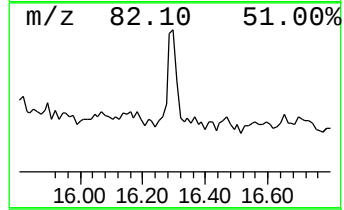
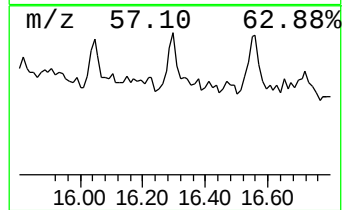
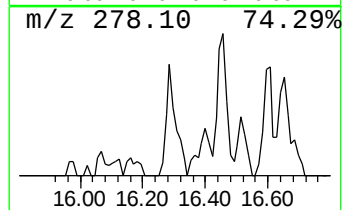
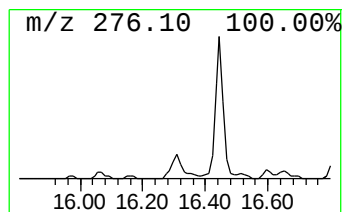
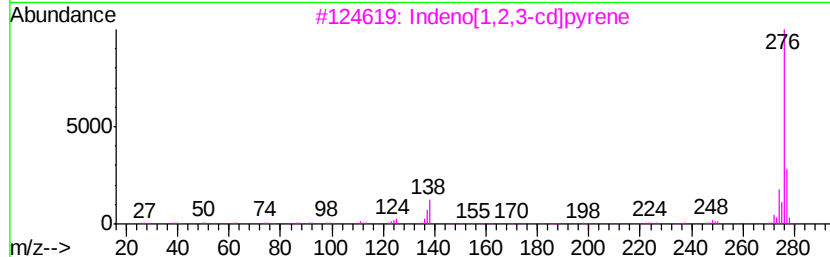
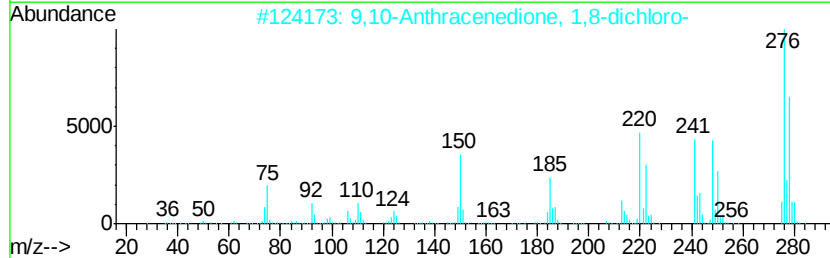
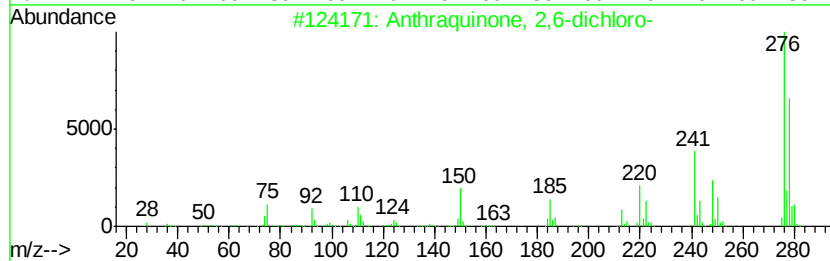
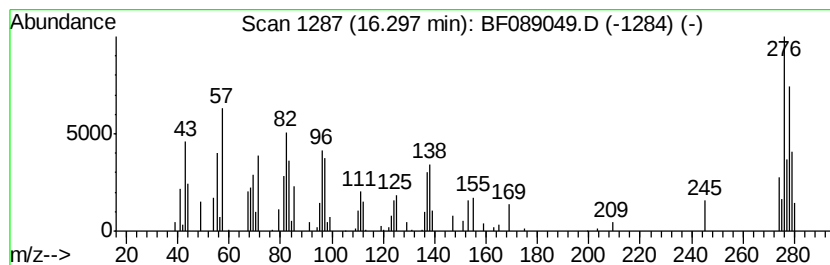
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TIC Integration Parameters: LSCINT.P

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Peak Number 14 unknown16.30 Concentration Rank 9

| R.T.  | EstConc | Area  | Relative to ISTD | R.T.  |
|-------|---------|-------|------------------|-------|
| 16.30 | 3.72 ng | 64436 | Perylene-d12     | 15.18 |

| Hit# | of | Tentative ID                        | MW  | MolForm    | CAS#        | Qual |
|------|----|-------------------------------------|-----|------------|-------------|------|
| 1    | 5  | Anthraquinone, 2,6-dichloro-        | 276 | C14H6Cl2O2 | 000605-40-3 | 47   |
| 2    |    | 9,10-Anthracenedione, 1,8-dichloro- | 276 | C14H6Cl2O2 | 000082-43-9 | 47   |
| 3    |    | Indeno[1,2,3-cd]pyrene              | 276 | C22H12     | 000193-39-5 | 42   |
| 4    |    | Indeno[1,2,3-cd]fluoranthene        | 276 | C22H12     | 000193-43-1 | 30   |
| 5    |    | Benzo[ghi]perylene                  | 276 | C22H12     | 000191-24-2 | 30   |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF071616\  
Data File : BF089049.D  
Acq On : 16 Jul 2016 12:06  
Operator : UM/SJ  
Sample : H3951-13 5X  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
LSS-SB-SB05(0-2in)

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

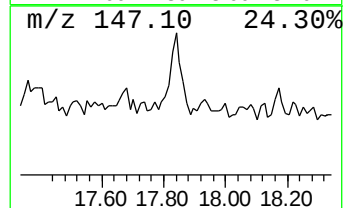
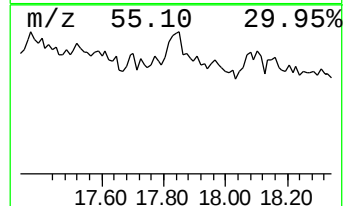
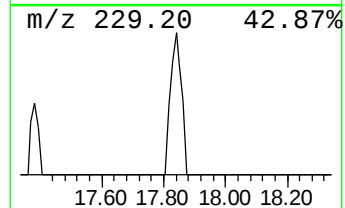
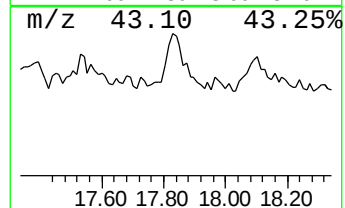
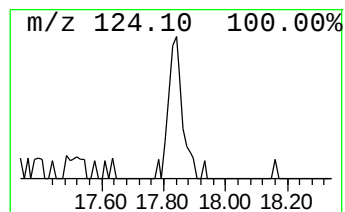
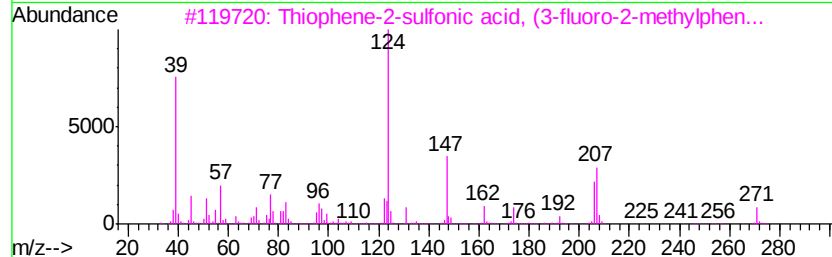
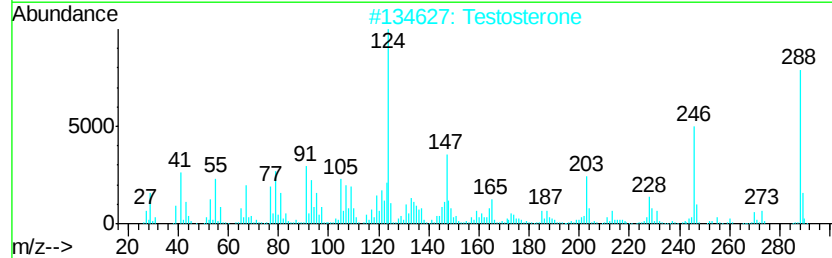
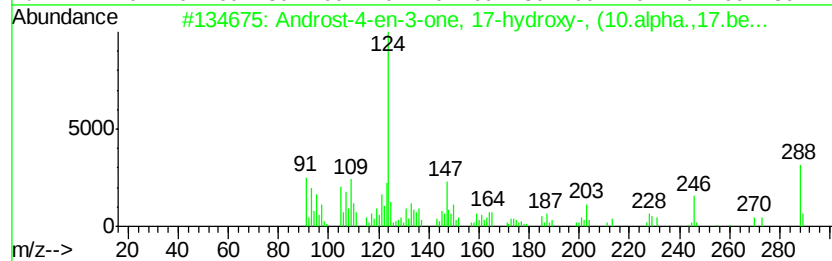
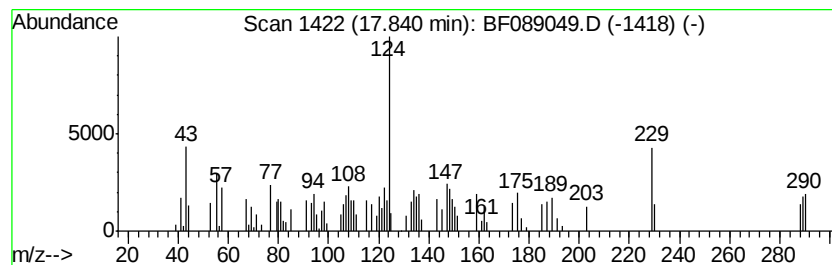
TIC Library : C:\Database\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 15 Androst-4-en-3-one, 17-hydr... Concentration Rank 7

| R.T.  | EstConc | Area  | Relative to ISTD | R.T.  |
|-------|---------|-------|------------------|-------|
| 17.84 | 4.55 ng | 78974 | Perylene-d12     | 15.18 |

| Hit# | of | Tentative ID                         | MW  | MolForm      | CAS#         | Qual |
|------|----|--------------------------------------|-----|--------------|--------------|------|
| 1    | 5  | Androst-4-en-3-one, 17-hydroxy-, ... | 288 | C19H28O2     | 000604-39-7  | 64   |
| 2    |    | Testosterone                         | 288 | C19H28O2     | 000058-22-0  | 46   |
| 3    |    | Thiophene-2-sulfonic acid, (3-fl...  | 271 | C11H10FN02S2 | 1000311-21-1 | 27   |
| 4    |    | Phosphonic acid, 2-phenylethenvl...  | 290 | C15H15O4P    | 330855-58-8  | 27   |
| 5    |    | p-Fluoroatropine dehydrate           | 289 | C17H20FN02   | 1000212-74-8 | 25   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF071616\  
Data File : BF089049.D  
Acq On : 16 Jul 2016 12:06  
Operator : UM/SJ  
Sample : H3951-13 5X  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
LSS-SB-SB05(0-2in)

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 |
| 2-Pentanone, 4-hy... | 4.78  | 2.0     | ng    | 37985    | 1                     | 6.66  | 373564 | 20.0 |
| unknown6.43          | 6.43  | 14.8    | ng    | 275615   | 1                     | 6.66  | 373564 | 20.0 |
| Undecanoic acid      | 11.73 | 2.9     | ng    | 71491    | 4                     | 11.18 | 493095 | 20.0 |
| 6H-Cyclobuta[jk]p... | 11.78 | 2.2     | ng    | 54258    | 4                     | 11.18 | 493095 | 20.0 |
| Heptadecane          | 14.31 | 2.5     | ng    | 93401    | 5                     | 13.81 | 758250 | 20.0 |
| 16-Heptadecenal      | 14.72 | 3.9     | ng    | 67341    | 6                     | 15.18 | 346840 | 20.0 |
| Oxirane, hexadecyl-  | 15.41 | 2.3     | ng    | 39076    | 6                     | 15.18 | 346840 | 20.0 |
| Heneicosane          | 15.61 | 7.3     | ng    | 127003   | 6                     | 15.18 | 346840 | 20.0 |
| unknown16.30         | 16.30 | 3.7     | ng    | 64436    | 6                     | 15.18 | 346840 | 20.0 |
| Androst-4-en-3-on... | 17.84 | 4.5     | ng    | 78974    | 6                     | 15.18 | 346840 | 20.0 |