

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF060415\  
 Data File : BF079724.D  
 Acq On : 5 Jun 2015 3:45  
 Operator : TP/IZ  
 Sample : G2474-03  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 C-3

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-BF060415.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         | 1.404       | 18            | 19          | 21           | rVB      | 16192173       | 11166291      | 100.00%         | 23.575%       |
| 2         | 2.261       | 91            | 94          | 108          | rVB      | 131638         | 408925        | 3.66%           | 0.863%        |
| 3         | 2.444       | 108           | 110         | 126          | rVV2     | 693691         | 1679468       | 15.04%          | 3.546%        |
| 4         | 2.673       | 126           | 130         | 136          | rVB      | 78286          | 208209        | 1.86%           | 0.440%        |
| 5         | 2.936       | 150           | 153         | 157          | rVB      | 264644         | 394816        | 3.54%           | 0.834%        |
| 6         | 6.125       | 430           | 432         | 435          | rBV      | 2334845        | 2202823       | 19.73%          | 4.651%        |
| 7         | 7.107       | 515           | 518         | 520          | rBV      | 1873718        | 2365221       | 21.18%          | 4.994%        |
| 8         | 7.279       | 530           | 533         | 535          | rBV      | 2534437        | 2500754       | 22.40%          | 5.280%        |
| 9         | 7.507       | 551           | 553         | 555          | rBV      | 725320         | 588672        | 5.27%           | 1.243%        |
| 10        | 7.668       | 565           | 567         | 570          | rBV      | 2288077        | 1914603       | 17.15%          | 4.042%        |
| 11        | 8.068       | 599           | 602         | 604          | rBV      | 1060997        | 1342283       | 12.02%          | 2.834%        |
| 12        | 8.799       | 664           | 666         | 669          | rBV      | 963541         | 805478        | 7.21%           | 1.701%        |
| 13        | 9.873       | 758           | 760         | 763          | rVB      | 3617689        | 3004722       | 26.91%          | 6.344%        |
| 14        | 10.262      | 792           | 794         | 795          | rBV      | 228240         | 240204        | 2.15%           | 0.507%        |
| 15        | 10.582      | 820           | 822         | 824          | rBV      | 691558         | 903081        | 8.09%           | 1.907%        |
| 16        | 11.371      | 888           | 891         | 893          | rBV      | 2030309        | 1784783       | 15.98%          | 3.768%        |
| 17        | 12.079      | 951           | 953         | 957          | rBV      | 765393         | 1392892       | 12.47%          | 2.941%        |
| 18        | 12.719      | 1007          | 1009        | 1014         | rBV4     | 108253         | 214655        | 1.92%           | 0.453%        |
| 19        | 13.360      | 1062          | 1065        | 1066         | rBV      | 586681         | 786857        | 7.05%           | 1.661%        |
| 20        | 13.611      | 1082          | 1087        | 1089         | rBV      | 691228         | 867487        | 7.77%           | 1.832%        |
| 21        | 13.748      | 1096          | 1099        | 1101         | rBV      | 3183790        | 3565921       | 31.93%          | 7.529%        |
| 22        | 13.965      | 1114          | 1118        | 1121         | rBV2     | 127102         | 232355        | 2.08%           | 0.491%        |
| 23        | 14.754      | 1185          | 1187        | 1189         | rBV2     | 562435         | 603488        | 5.40%           | 1.274%        |
| 24        | 14.994      | 1205          | 1208        | 1210         | rBV2     | 1132116        | 1773835       | 15.89%          | 3.745%        |
| 25        | 15.028      | 1210          | 1211        | 1215         | rVB      | 297458         | 250630        | 2.24%           | 0.529%        |
| 26        | 15.554      | 1255          | 1257        | 1262         | rBV3     | 217411         | 325823        | 2.92%           | 0.688%        |
| 27        | 16.160      | 1308          | 1310        | 1313         | rVB      | 251182         | 285780        | 2.56%           | 0.603%        |
| 28        | 16.343      | 1323          | 1326        | 1331         | rBV      | 310817         | 818734        | 7.33%           | 1.729%        |
| 29        | 16.457      | 1331          | 1336        | 1338         | rBV2     | 279353         | 718902        | 6.44%           | 1.518%        |
| 30        | 16.754      | 1359          | 1362        | 1366         | rVB      | 191412         | 293246        | 2.63%           | 0.619%        |
| 31        | 16.834      | 1366          | 1369        | 1373         | rVB      | 255167         | 389057        | 3.48%           | 0.821%        |
| 32        | 16.926      | 1373          | 1377        | 1379         | rBV      | 704280         | 1134794       | 10.16%          | 2.396%        |
| 33        | 17.223      | 1401          | 1403        | 1413         | rVB4     | 77450          | 181231        | 1.62%           | 0.383%        |
| 34        | 17.566      | 1429          | 1433        | 1435         | rBV      | 182976         | 343679        | 3.08%           | 0.726%        |

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Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
C-3

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-BF060415.M  
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|    |        |      |      |      |      |        |        |       |        |
|----|--------|------|------|------|------|--------|--------|-------|--------|
| 35 | 17.623 | 1435 | 1438 | 1442 | rVB2 | 112276 | 229296 | 2.05% | 0.484% |
| 36 | 18.674 | 1526 | 1530 | 1536 | rVB3 | 117401 | 306092 | 2.74% | 0.646% |
| 37 | 18.914 | 1548 | 1551 | 1563 | rVB2 | 131889 | 437512 | 3.92% | 0.924% |
| 38 | 19.212 | 1573 | 1577 | 1584 | rVB4 | 78253  | 240426 | 2.15% | 0.508% |
| 39 | 19.520 | 1601 | 1604 | 1608 | rBV  | 90084  | 210890 | 1.89% | 0.445% |
| 40 | 19.772 | 1622 | 1626 | 1630 | rBV2 | 101205 | 250765 | 2.25% | 0.529% |

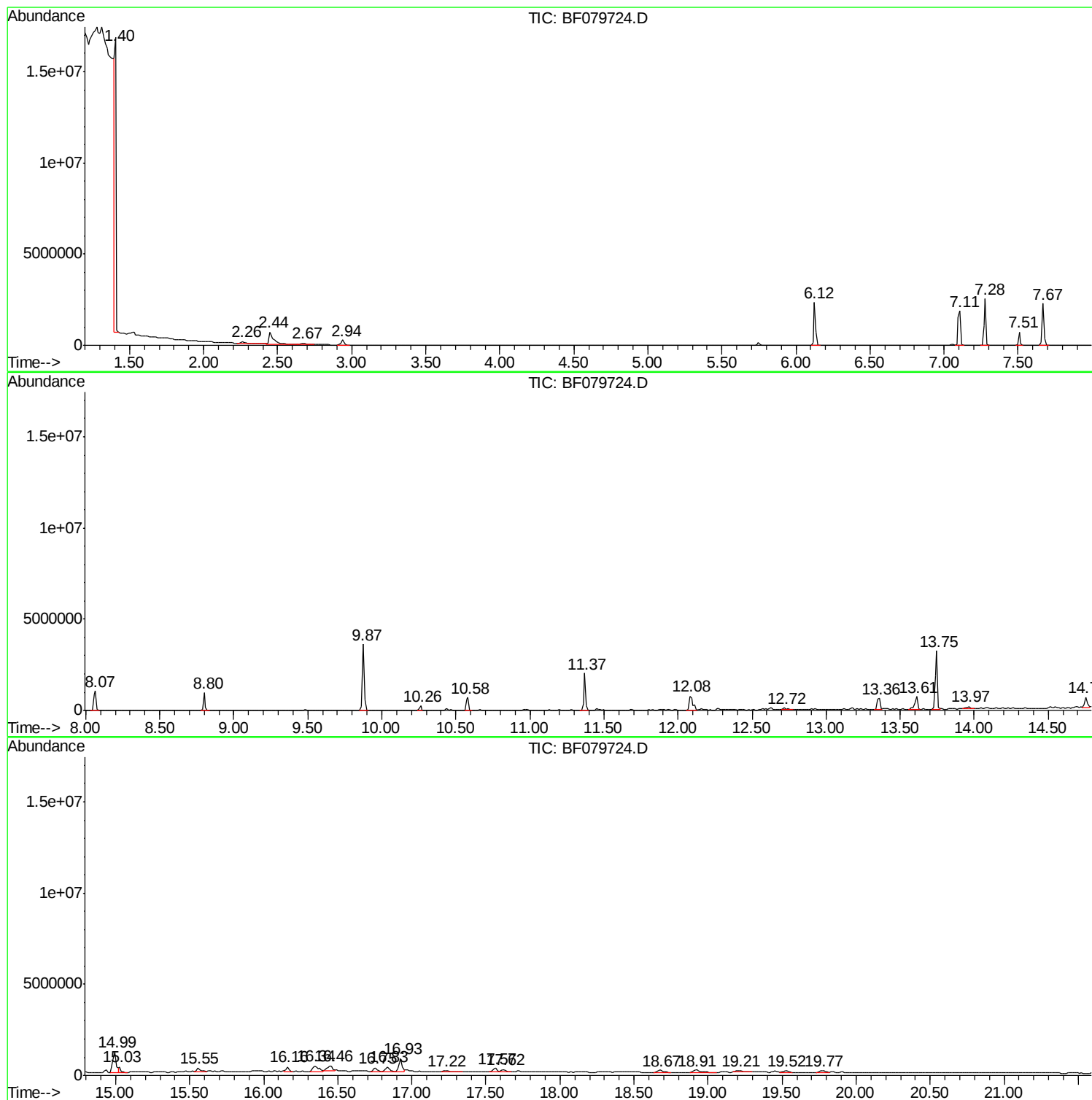
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Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF060415.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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ClientSampleId :  
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Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF060415.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

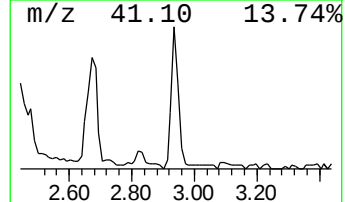
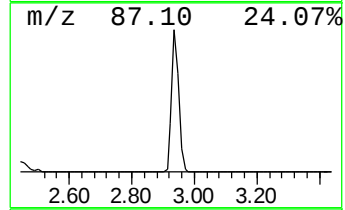
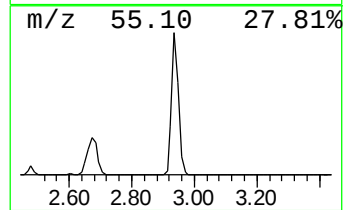
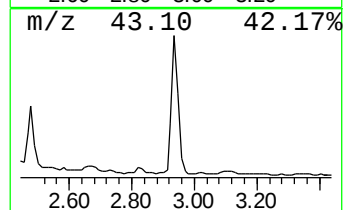
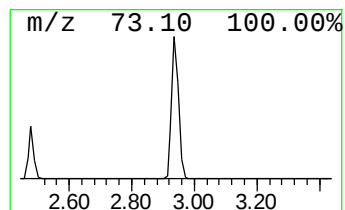
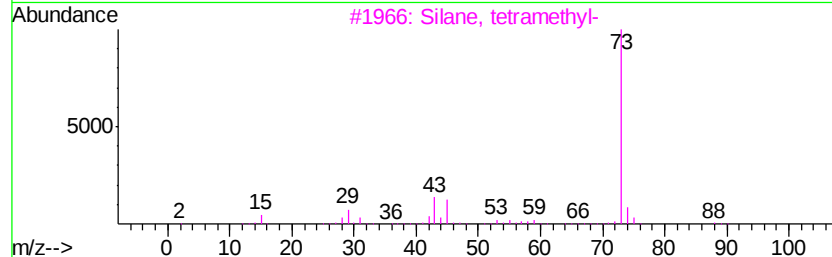
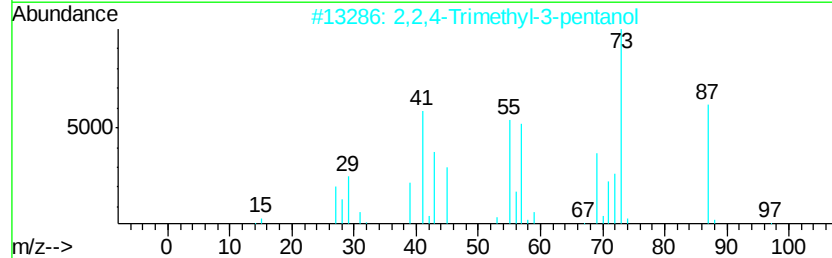
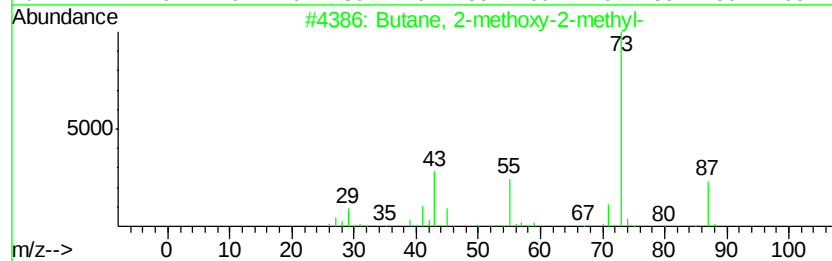
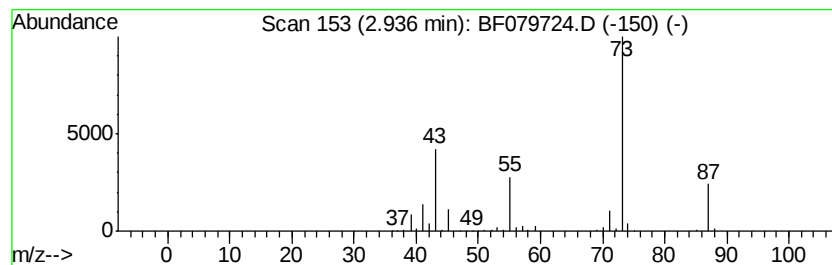
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 5 Butane, 2-methoxy-2-methyl- Concentration Rank 6

| R.T. | EstConc  | Area   | Relative to ISTD       | R.T. |
|------|----------|--------|------------------------|------|
| 2.94 | 13.41 ng | 394816 | 1,4-Dichlorobenzene-d4 | 7.51 |

| Hit# of | 5 | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|---------|---|-----------------------------|-----|---------|-------------|------|
| 1       |   | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 83   |
| 2       |   | 2,2,4-Trimethyl-3-pentanol  | 130 | C8H18O  | 005162-48-1 | 40   |
| 3       |   | Silane, tetramethyl-        | 88  | C4H12Si | 000075-76-3 | 38   |
| 4       |   | 1,3-Dioxolane, 2-methyl-    | 88  | C4H8O2  | 000497-26-7 | 23   |
| 5       |   | Pentane, 3-methoxy-         | 102 | C6H14O  | 036839-67-5 | 12   |



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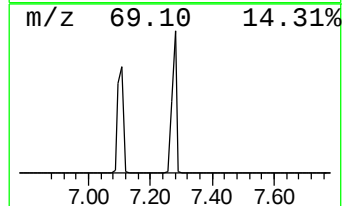
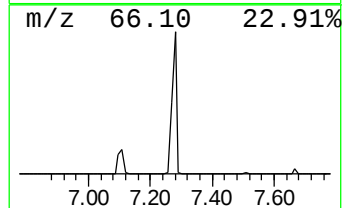
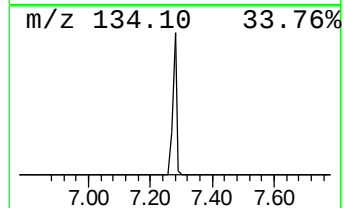
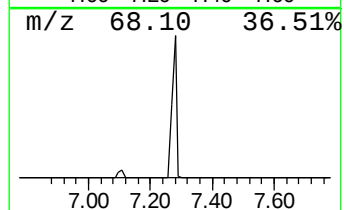
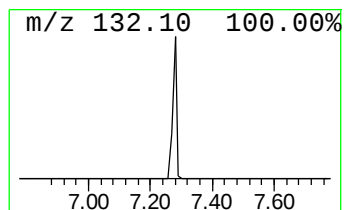
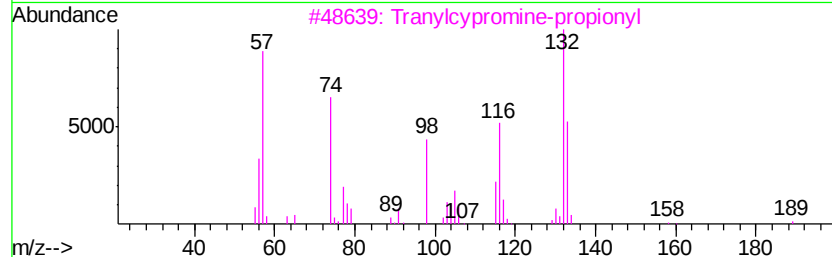
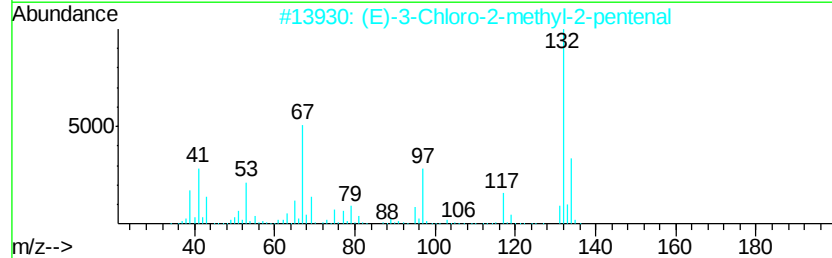
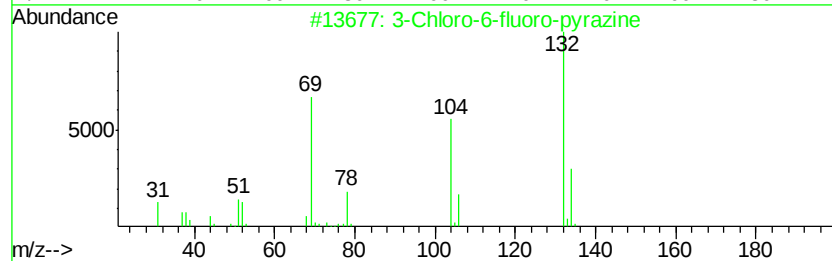
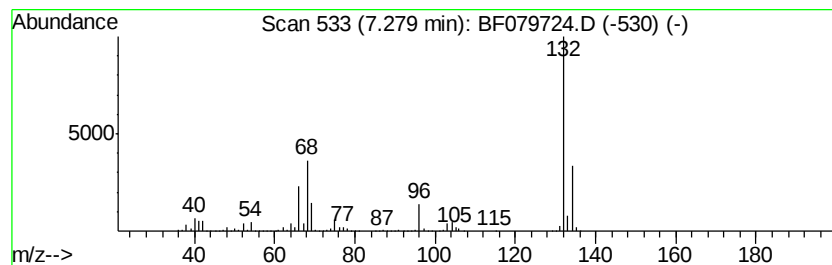
Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF060415.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 6 unknown7.28 Concentration Rank 2

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 7.28 | 84.96 ng | 2500750 | 1,4-Dichlorobenzene-d4 | 7.51 |

| Hit# | of | Tentative ID                     | MW  | MolForm   | CAS#         | Qual |
|------|----|----------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 3-Chloro-6-fluoro-pyrazine       | 132 | C4H2ClFN2 | 1000146-10-7 | 35   |
| 2    |    | (E)-3-Chloro-2-methyl-2-pentenal | 132 | C6H9ClO   | 031357-76-3  | 12   |
| 3    |    | Tranylcypromine-propionyl        | 189 | C12H15NO  | 1000123-86-3 | 12   |
| 4    |    | Amphetaminil                     | 250 | C17H18N2  | 017590-01-1  | 12   |
| 5    |    | 5-Aminoindole                    | 132 | C8H8N2    | 005192-03-0  | 12   |



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ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
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Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF060415.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

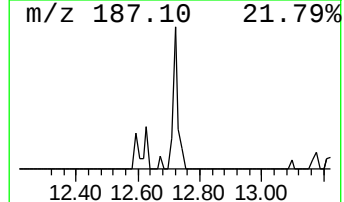
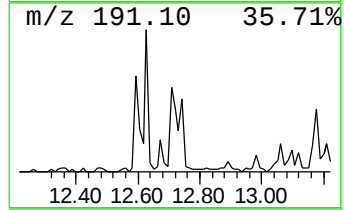
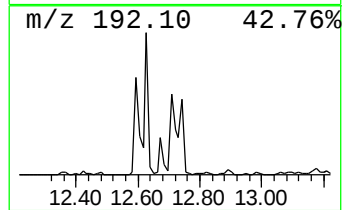
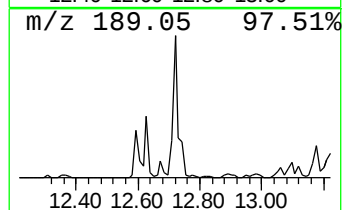
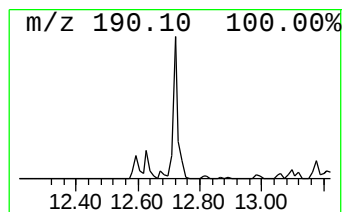
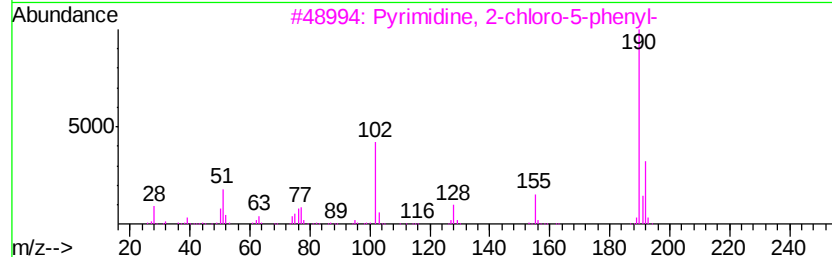
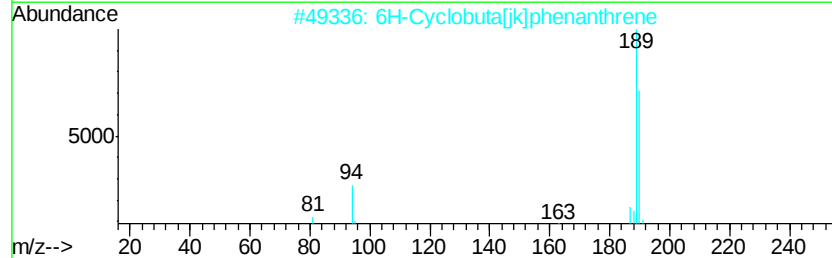
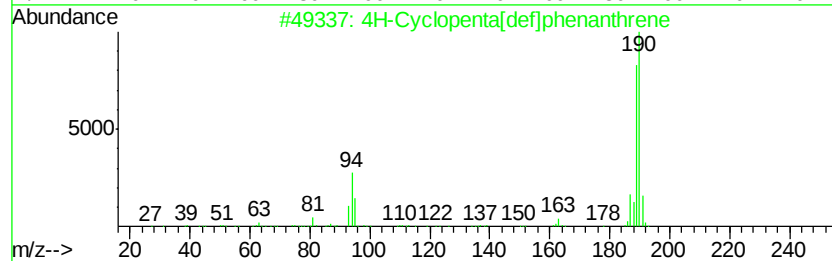
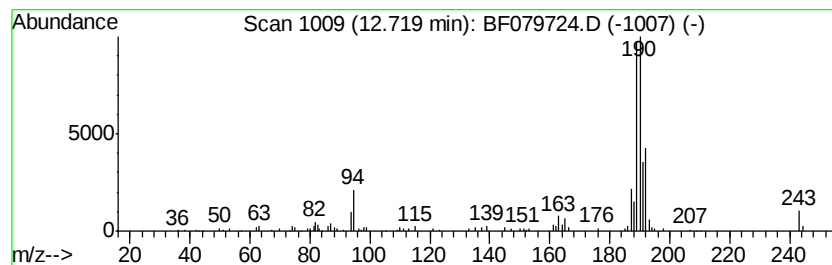
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 19

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 12.72 | 3.08 ng | 214655 | Phenanthrene-d10 | 12.08 |

| Hit# | of | Tentative ID                        | MW  | MolForm    | CAS#        | Qual |
|------|----|-------------------------------------|-----|------------|-------------|------|
| 1    | 5  | 4H-Cyclopenta[def]phenanthrene      | 190 | C15H10     | 000203-64-5 | 68   |
| 2    |    | 6H-Cyclobuta[jk]phenanthrene        | 190 | C15H10     | 083469-43-6 | 53   |
| 3    |    | Pyrimidine, 2-chloro-5-phenyl-      | 190 | C10H7ClN2  | 022536-62-5 | 25   |
| 4    |    | Pyridazine-3(2H)-thione, 4-chlor... | 190 | C6H7ClN2OS | 072038-53-0 | 23   |
| 5    |    | 1,4-Naphthalenedione, 2,5-dihydr... | 190 | C10H6O4    | 004923-55-1 | 16   |



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ALS Vial : 23 Sample Multiplier: 1

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ClientSampleId :  
C-3

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF060415.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

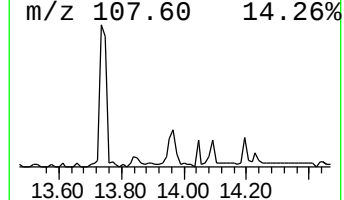
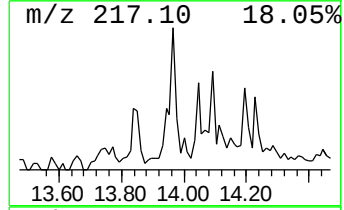
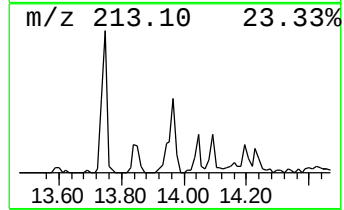
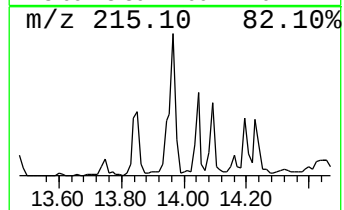
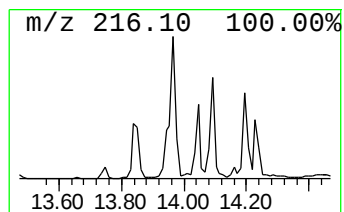
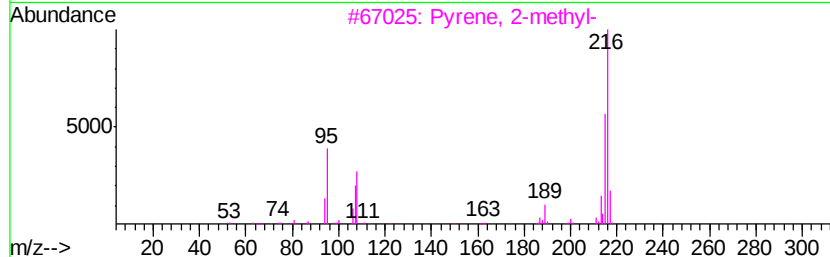
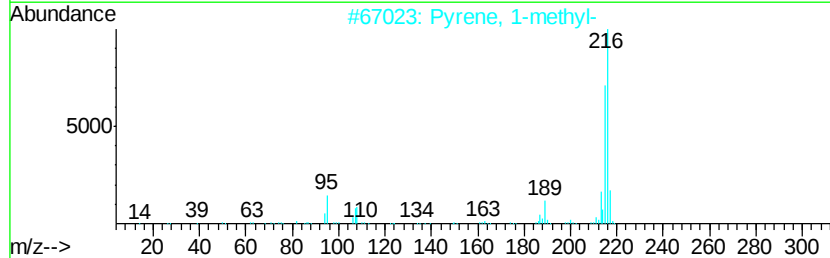
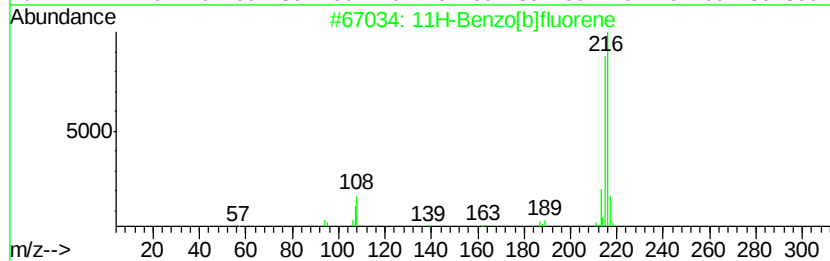
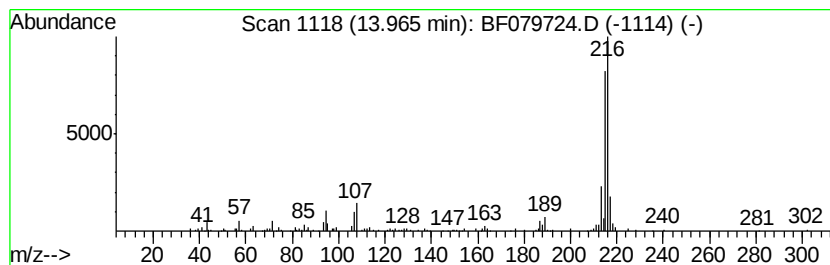
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 9 11H-Benzo[b]fluorene Concentration Rank 20

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 13.97 | 2.62 ng | 232355 | Chrysene-d12     | 14.99 |

| Hit# of | 5 | Tentative ID            | MW  | MolForm | CAS#        | Qual |
|---------|---|-------------------------|-----|---------|-------------|------|
| 1       |   | 11H-Benzo[b]fluorene    | 216 | C17H12  | 000243-17-4 | 94   |
| 2       |   | Pyrene, 1-methyl-       | 216 | C17H12  | 002381-21-7 | 94   |
| 3       |   | Pyrene, 2-methyl-       | 216 | C17H12  | 003442-78-2 | 93   |
| 4       |   | Fluoranthene, 2-methyl- | 216 | C17H12  | 033543-31-6 | 90   |
| 5       |   | 11H-Benzo[a]fluorene    | 216 | C17H12  | 000238-84-6 | 87   |



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ALS Vial : 23 Sample Multiplier: 1

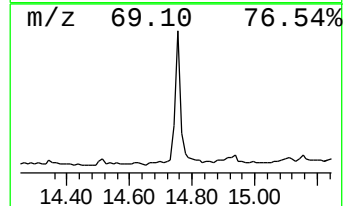
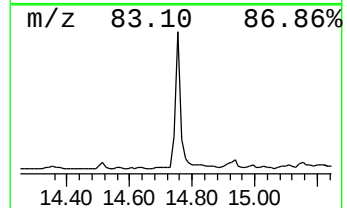
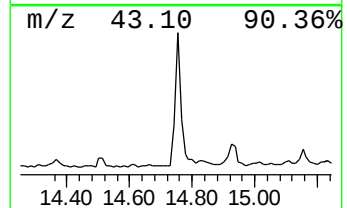
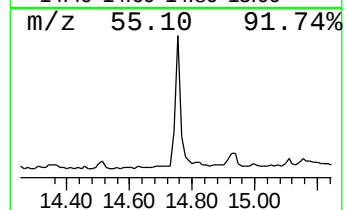
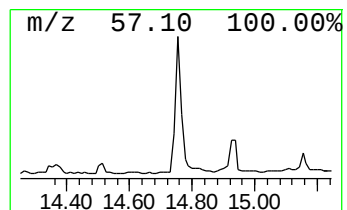
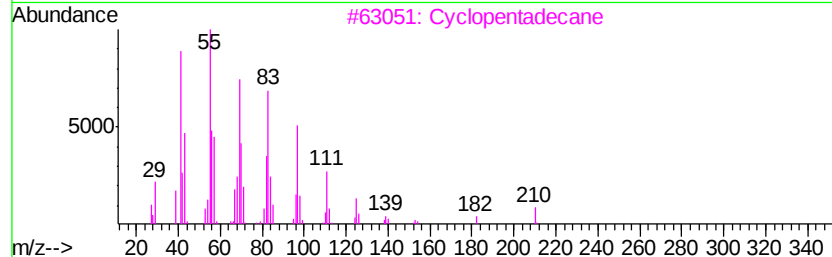
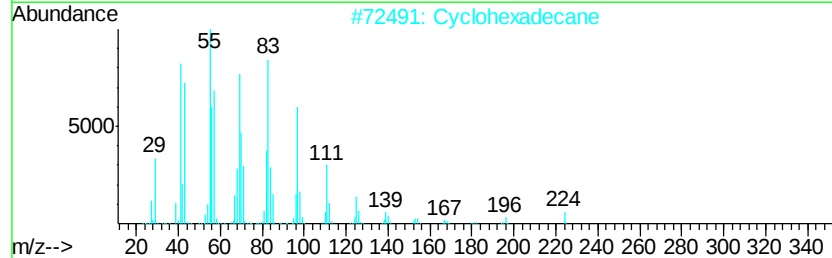
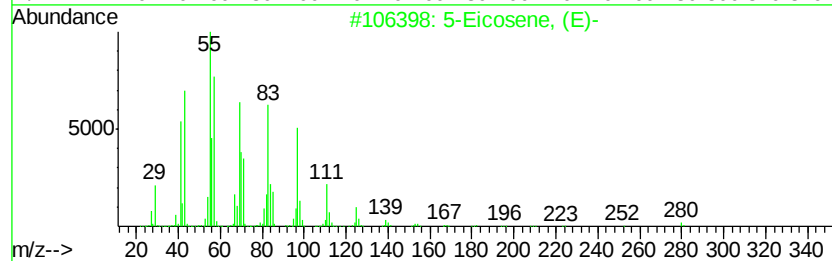
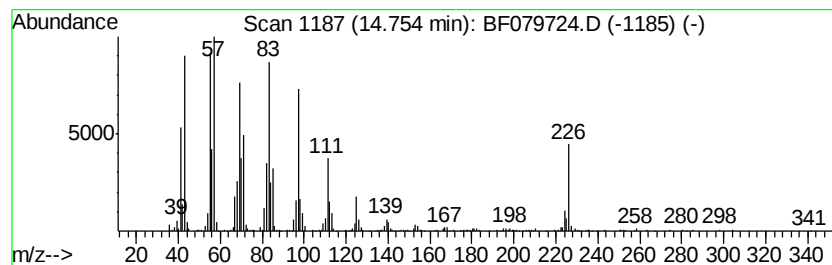
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BNA\_F  
ClientSampleId :  
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Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF060415.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 10 5-Eicosene, (E)- Concentration Rank 9

| R.T.      | EstConc                             | Area   | Relative to ISTD | R.T.         |      |
|-----------|-------------------------------------|--------|------------------|--------------|------|
| 14.75     | 6.80 ng                             | 603488 | Chrysene-d12     | 14.99        |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm          | CAS#         | Qual |
| 1         | 5-Eicosene, (E)-                    | 280    | C20H40           | 074685-30-6  | 98   |
| 2         | Cyclohexadecane                     | 224    | C16H32           | 000295-65-8  | 94   |
| 3         | Cyclopentadecane                    | 210    | C15H30           | 000295-48-7  | 93   |
| 4         | 1-Heneicosyl formate                | 340    | C22H44O2         | 077899-03-7  | 93   |
| 5         | Heptafluorobutanoic acid, heptad... | 452    | C21H35F7O2       | 1000282-97-3 | 91   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF060415\  
Data File : BF079724.D  
Acq On : 5 Jun 2015 3:45  
Operator : TP/IZ  
Sample : G2474-03  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
C-3

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF060415.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

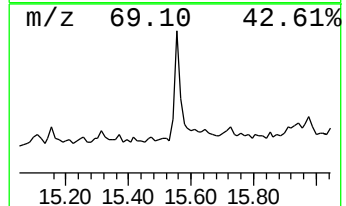
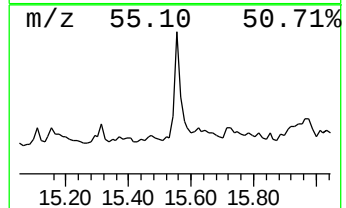
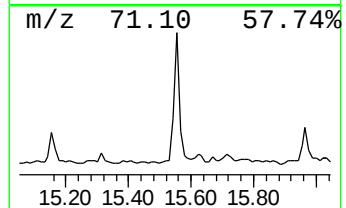
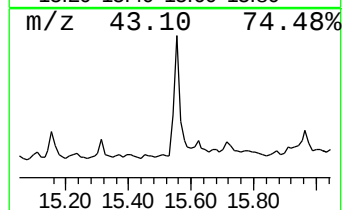
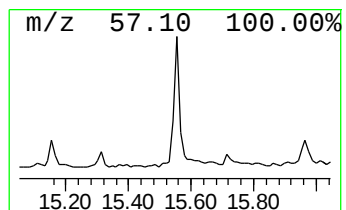
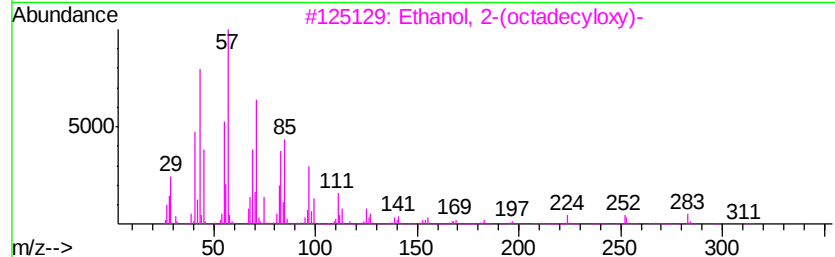
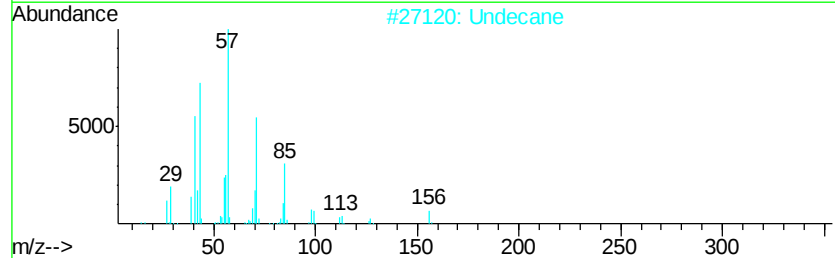
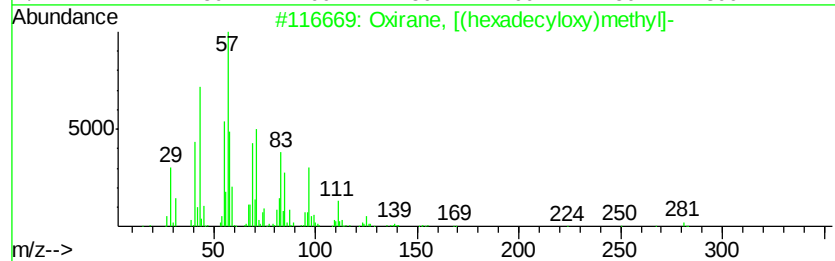
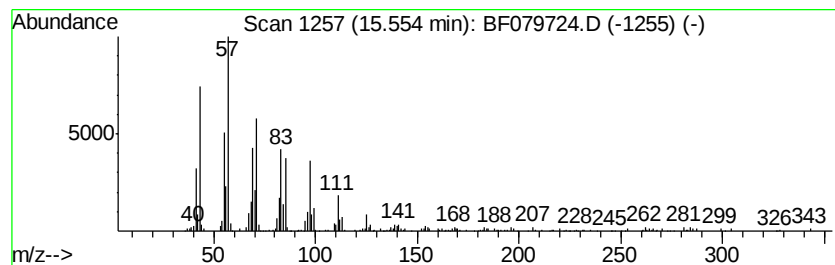
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TIC Integration Parameters: LSCINT.P

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Peak Number 11 Oxirane, [(hexadecyloxy)met... Concentration Rank 17

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 15.55 | 3.67 ng | 325823 | Chrysene-d12     | 14.99 |

| Hit# | of | Tentative ID                     | MW  | MolForm  | CAS#        | Qual |
|------|----|----------------------------------|-----|----------|-------------|------|
| 1    | 5  | Oxirane, [(hexadecyloxy)methyl]- | 298 | C19H38O2 | 015965-99-8 | 91   |
| 2    |    | Undecane                         | 156 | C11H24   | 001120-21-4 | 90   |
| 3    |    | Ethanol, 2-(octadecyloxy)-       | 314 | C20H42O2 | 002136-72-3 | 87   |
| 4    |    | Ethanol, 2-(tetradecyloxy)-      | 258 | C16H34O2 | 002136-70-1 | 83   |
| 5    |    | 1-Heneicosyl formate             | 340 | C22H44O2 | 077899-03-7 | 68   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF060415\  
Data File : BF079724.D  
Acq On : 5 Jun 2015 3:45  
Operator : TP/IZ  
Sample : G2474-03  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
C-3

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF060415.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

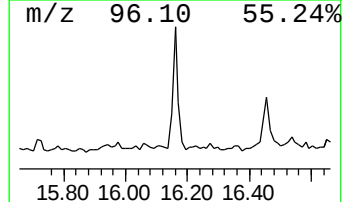
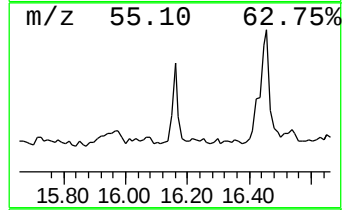
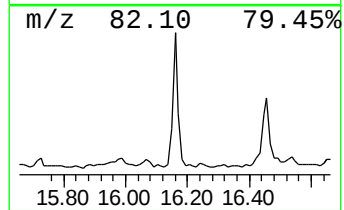
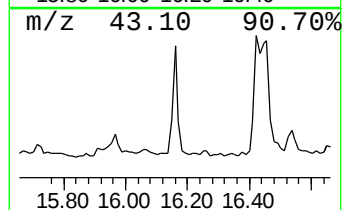
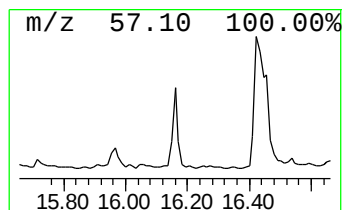
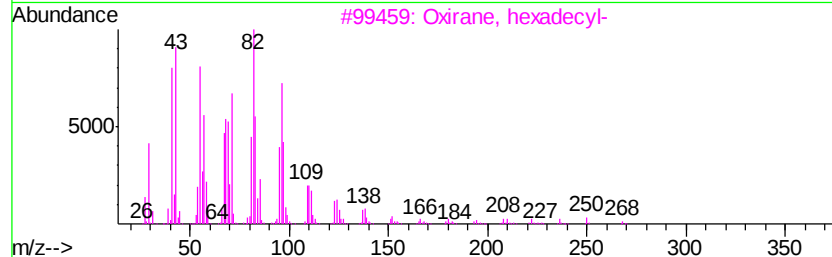
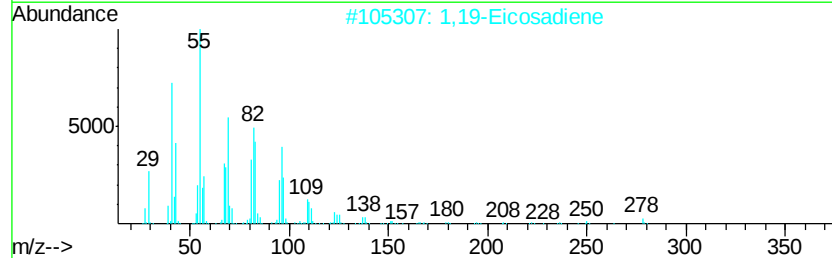
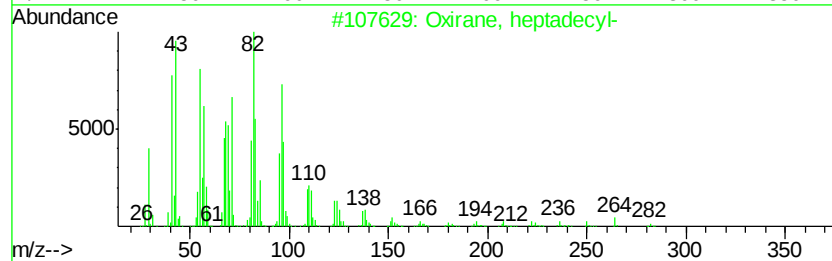
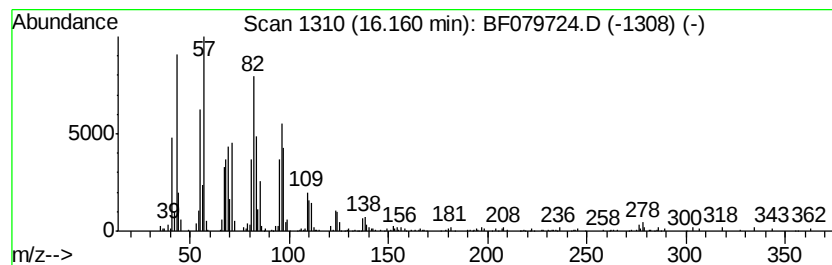
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TIC Integration Parameters: LSCINT.P

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Peak Number 12 Oxirane, heptadecyl- Concentration Rank 13

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 16.16 | 5.04 ng | 285780 | Perylene-d12     | 16.93 |

| Hit# | of | Tentative ID         | MW  | MolForm | CAS#        | Qual |
|------|----|----------------------|-----|---------|-------------|------|
| 1    | 5  | Oxirane, heptadecyl- | 282 | C19H38O | 067860-04-2 | 93   |
| 2    |    | 1,19-Eicosadiene     | 278 | C20H38  | 014811-95-1 | 93   |
| 3    |    | Oxirane, hexadecyl-  | 268 | C18H36O | 007390-81-0 | 91   |
| 4    |    | Octadecanal          | 268 | C18H36O | 000638-66-4 | 87   |
| 5    |    | 1,21-Docosadiene     | 306 | C22H42  | 053057-53-7 | 86   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF060415\  
Data File : BF079724.D  
Acq On : 5 Jun 2015 3:45  
Operator : TP/IZ  
Sample : G2474-03  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
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Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF060415.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

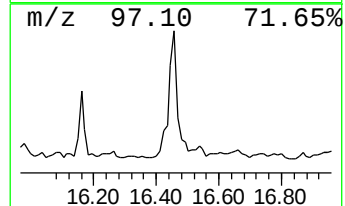
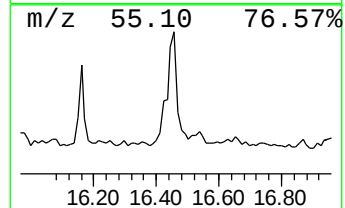
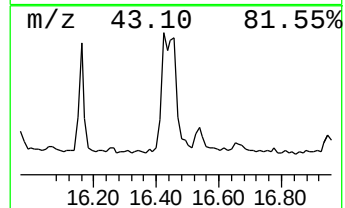
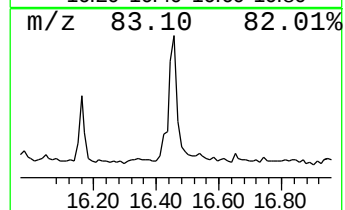
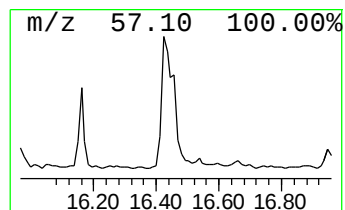
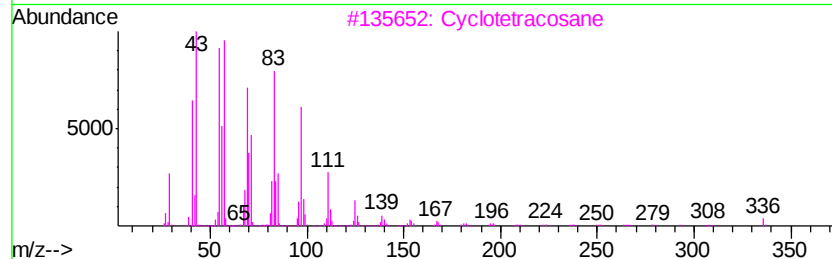
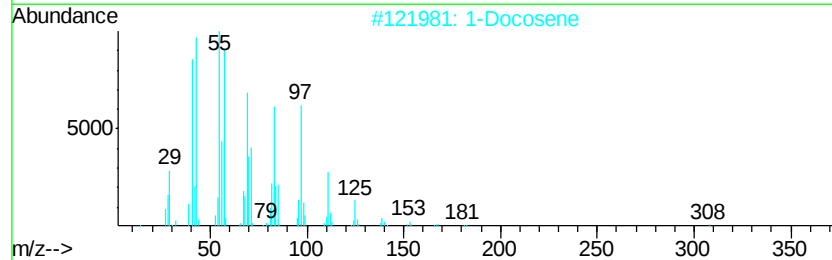
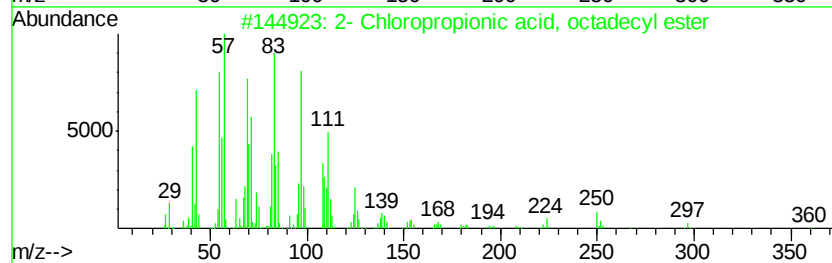
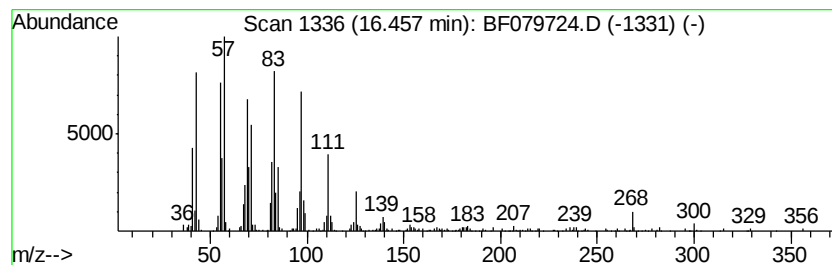
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TIC Integration Parameters: LSCINT.P

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Peak Number 13 2- Chloropropionic acid, oc... Concentration Rank 7

| R.T.  | EstConc  | Area   | Relative to ISTD | R.T.  |
|-------|----------|--------|------------------|-------|
| 16.46 | 12.67 ng | 718902 | Perylene-d12     | 16.93 |

| Hit# | of | Tentative ID                        | MW  | MolForm    | CAS#        | Qual |
|------|----|-------------------------------------|-----|------------|-------------|------|
| 1    | 5  | 2- Chloropropionic acid, octadec... | 360 | C21H41ClO2 | 088104-31-8 | 87   |
| 2    |    | 1-Docosene                          | 308 | C22H44     | 001599-67-3 | 83   |
| 3    |    | Cyclotetracosane                    | 336 | C24H48     | 000297-03-0 | 83   |
| 4    |    | 17-Pentatriacontene                 | 491 | C35H70     | 006971-40-0 | 80   |
| 5    |    | 1-Nonadecene                        | 266 | C19H38     | 018435-45-5 | 74   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF060415\  
Data File : BF079724.D  
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Operator : TP/IZ  
Sample : G2474-03  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
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ClientSampleId :  
C-3

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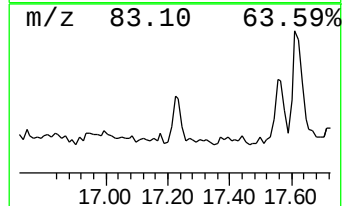
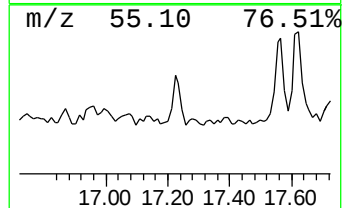
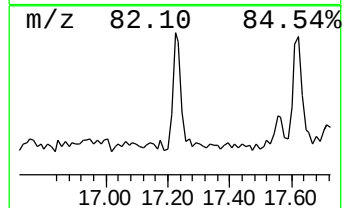
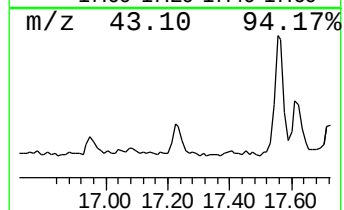
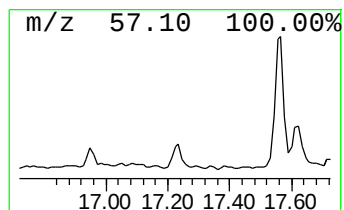
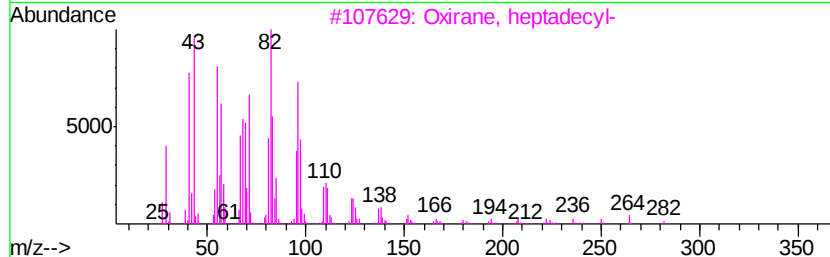
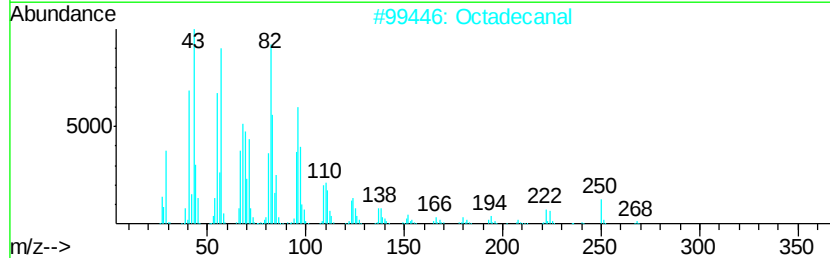
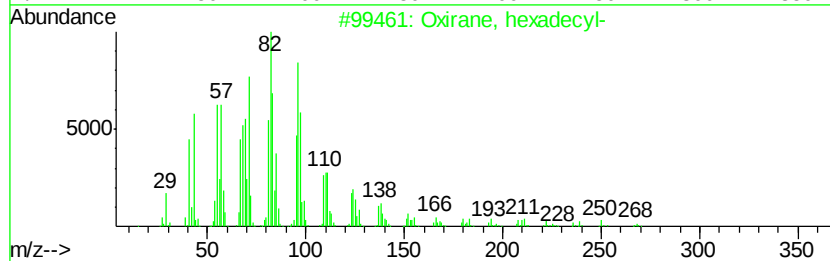
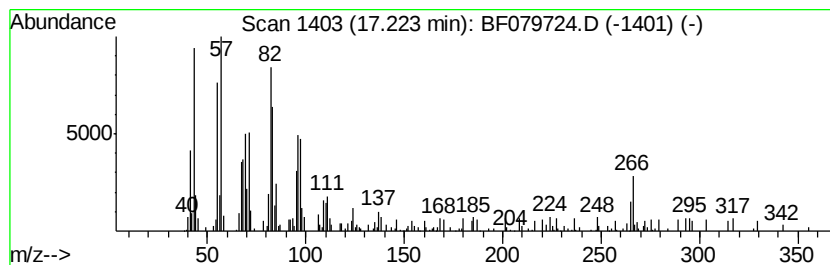
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 15 Oxirane, hexadecyl- Concentration Rank 18

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 17.22 | 3.19 ng | 181231 | Perylene-d12     | 16.93 |

| Hit# | of | Tentative ID         | MW  | MolForm | CAS#         | Qual |
|------|----|----------------------|-----|---------|--------------|------|
| 1    | 5  | Oxirane, hexadecyl-  | 268 | C18H36O | 007390-81-0  | 83   |
| 2    |    | Octadecanal          | 268 | C18H36O | 000638-66-4  | 68   |
| 3    |    | Oxirane, heptadecyl- | 282 | C19H38O | 067860-04-2  | 62   |
| 4    |    | 2-Heptadecenal       | 252 | C17H32O | 1000143-48-6 | 58   |
| 5    |    | 1,15-Hexadecadiene   | 222 | C16H30  | 021964-51-2  | 56   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF060415\  
Data File : BF079724.D  
Acq On : 5 Jun 2015 3:45  
Operator : TP/IZ  
Sample : G2474-03  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
C-3

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF060415.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

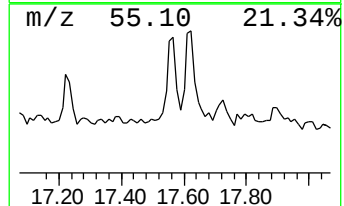
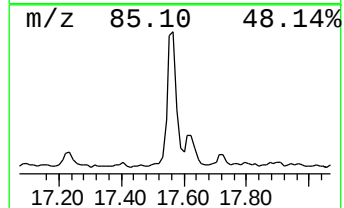
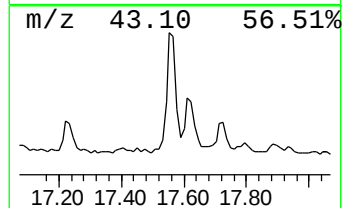
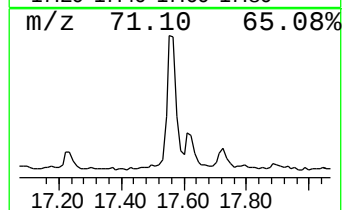
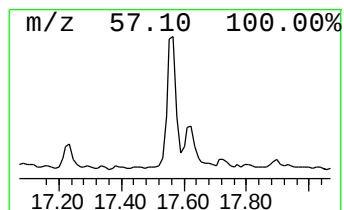
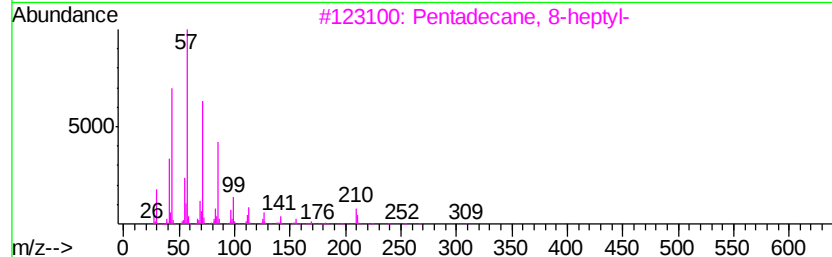
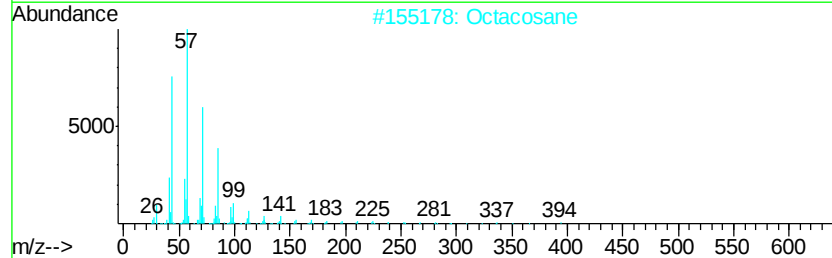
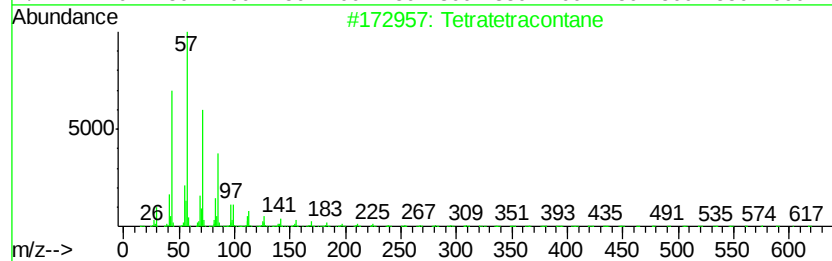
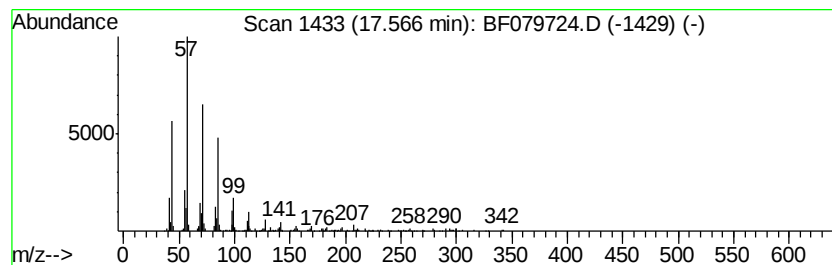
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 16 Tetratetracontane Concentration Rank 10

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 17.57 | 6.06 ng | 343679 | Perylene-d12     | 16.93 |

| Hit# | of | 5 | Tentative ID                     | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------------|-----|---------|-------------|------|
| 1    |    |   | Tetratetracontane                | 619 | C44H90  | 007098-22-8 | 90   |
| 2    |    |   | Octacosane                       | 394 | C28H58  | 000630-02-4 | 87   |
| 3    |    |   | Pentadecane, 8-heptyl-           | 310 | C22H46  | 071005-15-7 | 87   |
| 4    |    |   | Triacontane                      | 422 | C30H62  | 000638-68-6 | 87   |
| 5    |    |   | Heneicosane, 11-(1-ethylpropyl)- | 366 | C26H54  | 055282-11-6 | 87   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF060415\  
Data File : BF079724.D  
Acq On : 5 Jun 2015 3:45  
Operator : TP/IZ  
Sample : G2474-03  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
C-3

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF060415.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

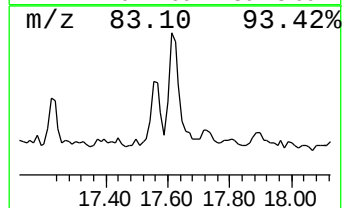
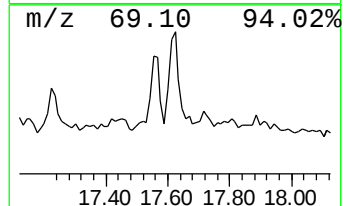
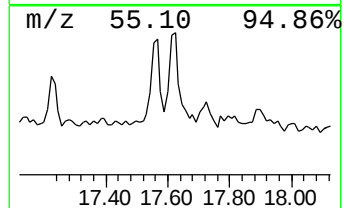
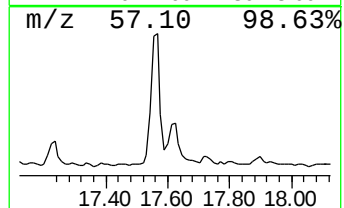
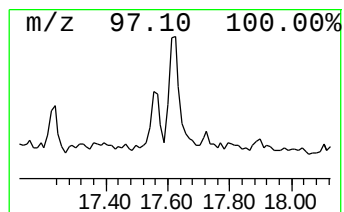
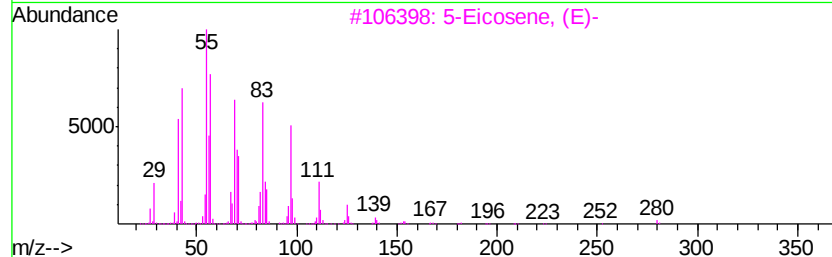
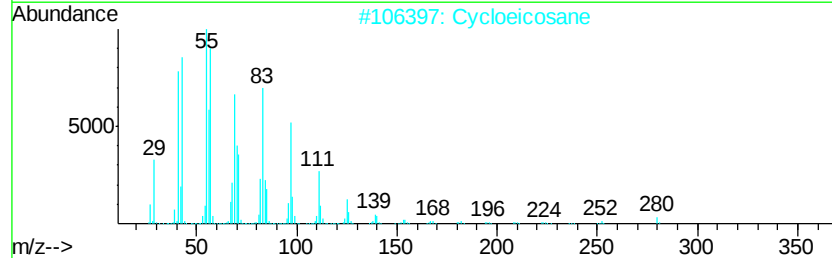
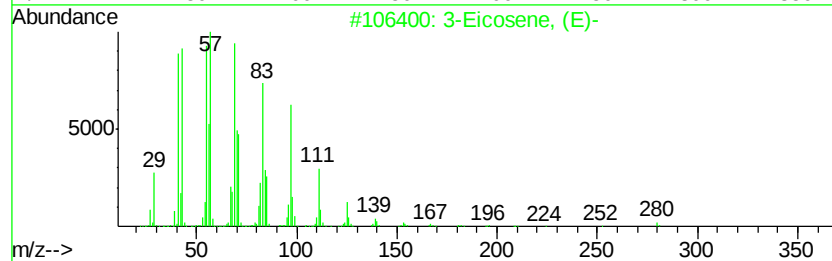
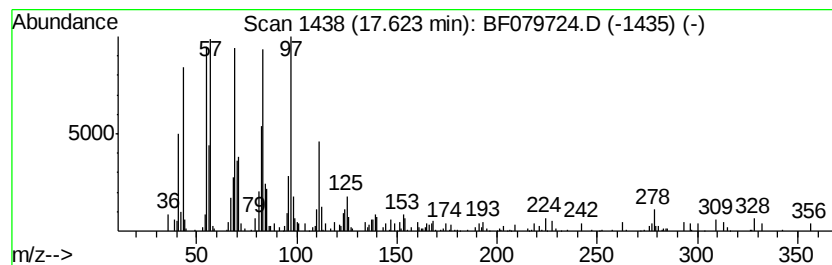
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 17 3-Eicosene, (E)- Concentration Rank 16

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 17.62 | 4.04 ng | 229296 | Perylene-d12     | 16.93 |

| Hit# | of | Tentative ID     | MW  | MolForm | CAS#        | Qual |
|------|----|------------------|-----|---------|-------------|------|
| 1    | 5  | 3-Eicosene, (E)- | 280 | C20H40  | 074685-33-9 | 95   |
| 2    |    | Cycloeicosane    | 280 | C20H40  | 000296-56-0 | 87   |
| 3    |    | 5-Eicosene, (E)- | 280 | C20H40  | 074685-30-6 | 86   |
| 4    |    | 1-Nonadecene     | 266 | C19H38  | 018435-45-5 | 76   |
| 5    |    | 1-Octadecanol    | 270 | C18H38O | 000112-92-5 | 70   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF060415\  
Data File : BF079724.D  
Acq On : 5 Jun 2015 3:45  
Operator : TP/IZ  
Sample : G2474-03  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

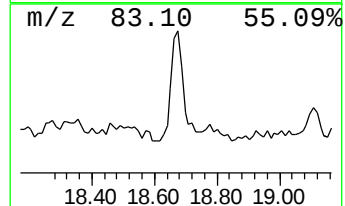
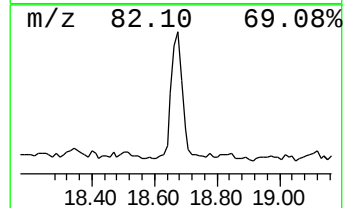
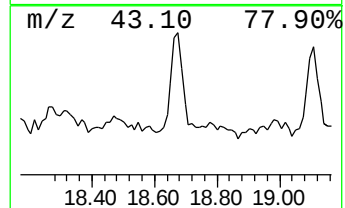
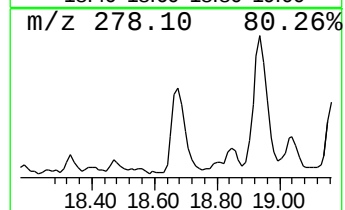
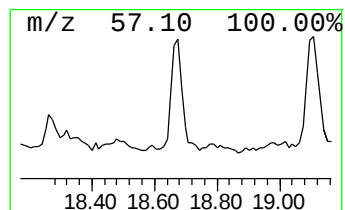
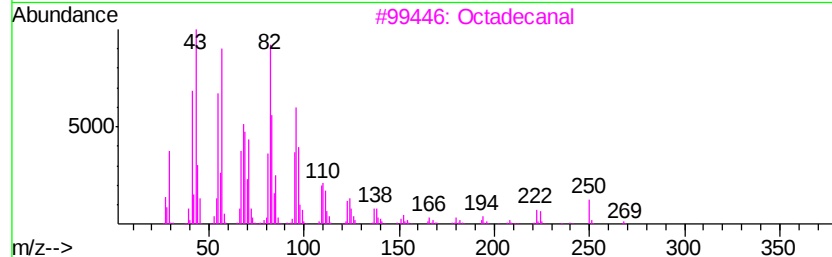
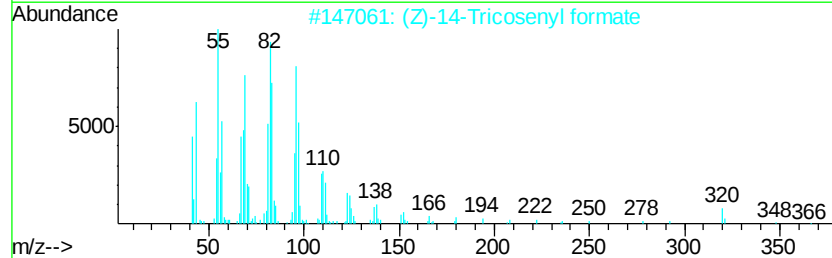
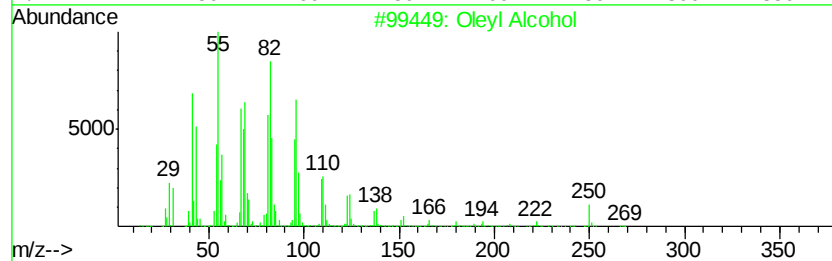
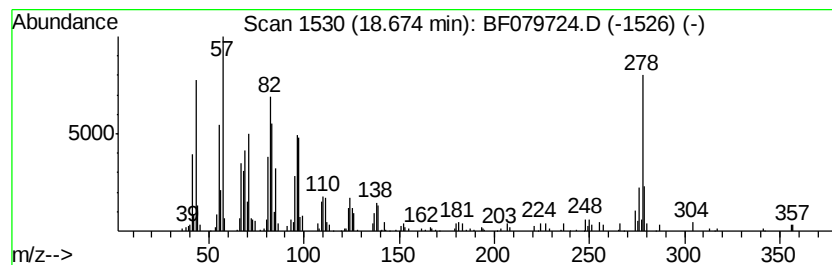
Instrument :  
BNA\_F  
ClientSampleId :  
C-3

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF060415.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 18 Oleyl Alcohol Concentration Rank 11

| R.T.    | EstConc | Area                          | Relative to ISTD |          | R.T.         |      |
|---------|---------|-------------------------------|------------------|----------|--------------|------|
| 18.67   | 5.39 ng | 306092                        | Perylene-d12     |          | 16.93        |      |
| Hit# of | 5       | Tentative ID                  | MW               | MolForm  | CAS#         | Qual |
| 1       |         | Oleyl Alcohol                 | 268              | C18H36O  | 000143-28-2  | 80   |
| 2       |         | (Z)-14-Tricosenyl formate     | 366              | C24H46O2 | 077899-10-6  | 64   |
| 3       |         | Octadecanal                   | 268              | C18H36O  | 000638-66-4  | 64   |
| 4       |         | Bicyclo[10.8.0]eicosane, cis- | 278              | C20H38   | 1000155-82-2 | 62   |
| 5       |         | 7-Octadecenal                 | 266              | C18H34O  | 056555-00-1  | 49   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF060415\  
Data File : BF079724.D  
Acq On : 5 Jun 2015 3:45  
Operator : TP/IZ  
Sample : G2474-03  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
C-3

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF060415.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

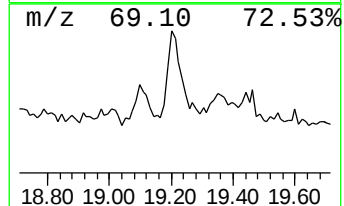
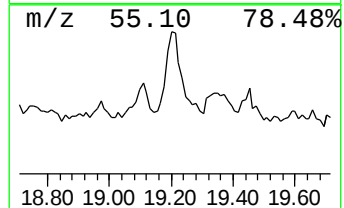
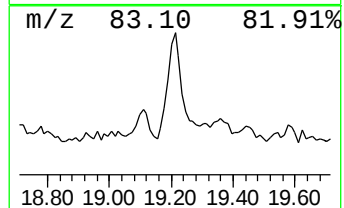
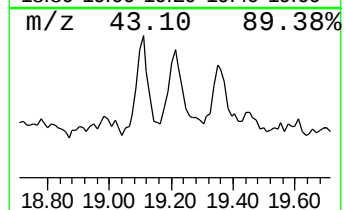
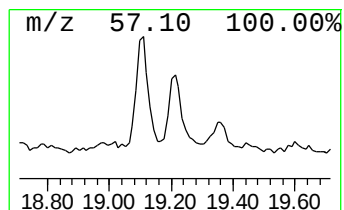
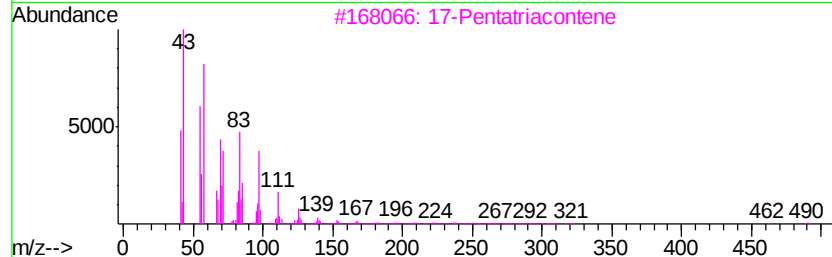
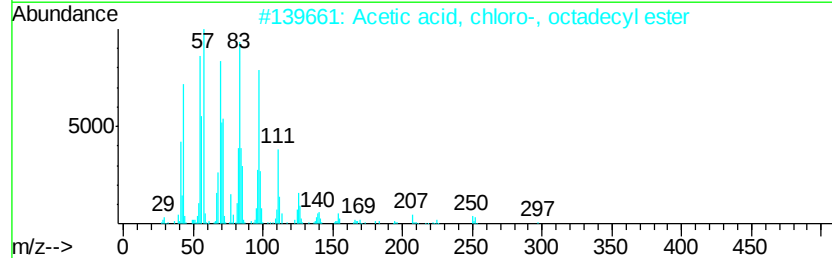
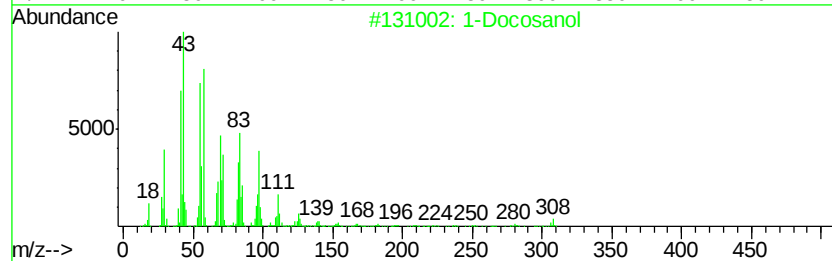
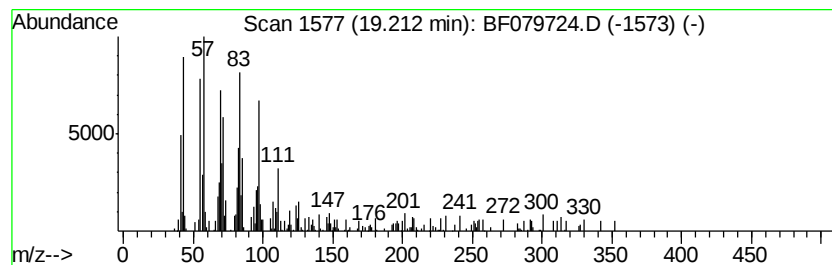
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 19 1-Docosanol Concentration Rank 15

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 19.21 | 4.24 ng | 240426 | Perylene-d12     | 16.93 |

| Hit# | of | Tentative ID                        | MW  | MolForm    | CAS#        | Qual |
|------|----|-------------------------------------|-----|------------|-------------|------|
| 1    | 5  | 1-Docosanol                         | 326 | C22H46O    | 000661-19-8 | 90   |
| 2    |    | Acetic acid, chloro-, octadecyl ... | 346 | C20H39ClO2 | 005348-82-3 | 87   |
| 3    |    | 17-Pentatriacontene                 | 491 | C35H70     | 006971-40-0 | 83   |
| 4    |    | 13-Tetradecen-1-ol acetate          | 254 | C16H30O2   | 056221-91-1 | 81   |
| 5    |    | 1-Octadecene                        | 252 | C18H36     | 000112-88-9 | 74   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF060415\  
Data File : BF079724.D  
Acq On : 5 Jun 2015 3:45  
Operator : TP/IZ  
Sample : G2474-03  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampled :  
C-3

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF060415.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

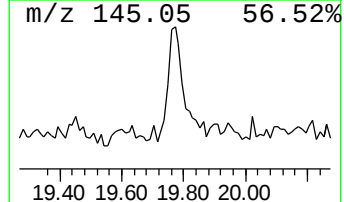
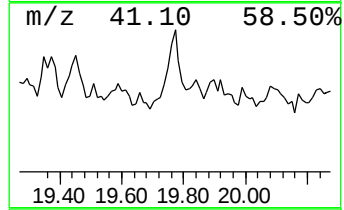
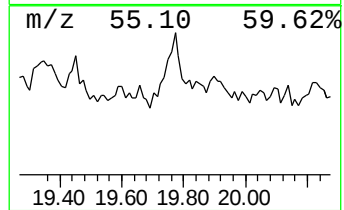
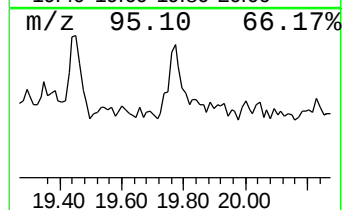
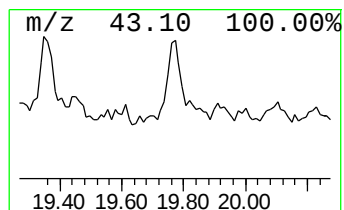
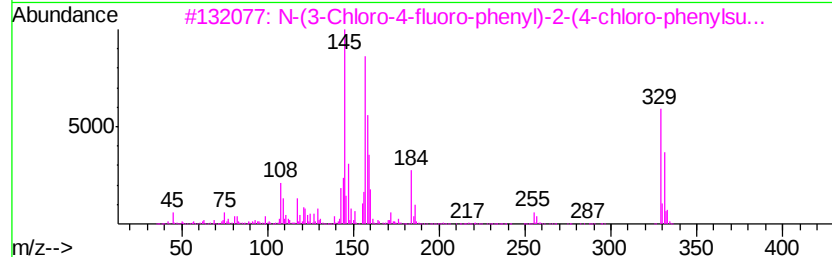
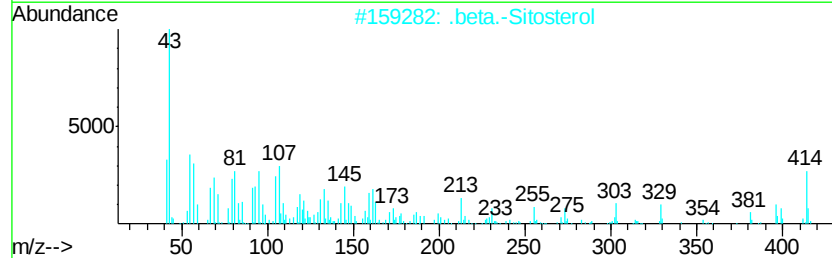
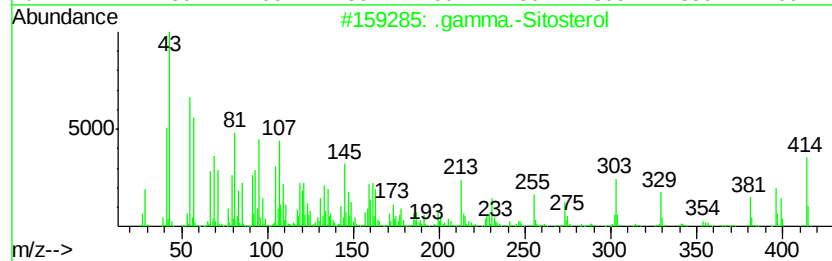
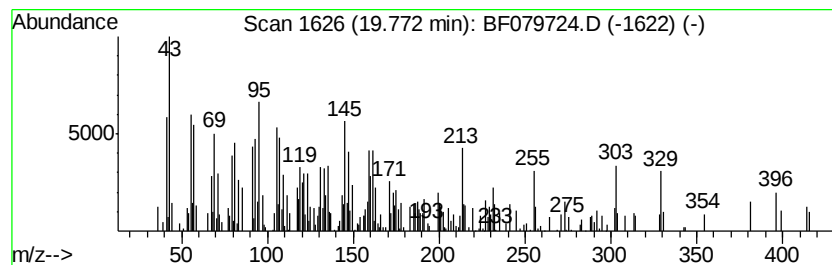
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 20 .gamma.-Sitosterol Concentration Rank 14

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 19.77 | 4.42 ng | 250765 | Perylene-d12     | 16.93 |

| Hit# | of | Tentative ID                        | MW  | MolForm       | CAS#         | Qual |
|------|----|-------------------------------------|-----|---------------|--------------|------|
| 1    | 5  | .gamma.-Sitosterol                  | 414 | C29H50O       | 000083-47-6  | 84   |
| 2    |    | .beta.-Sitosterol                   | 414 | C29H50O       | 000083-46-5  | 50   |
| 3    |    | N-(3-Chloro-4-fluoro-phenyl)-2-(... | 329 | C14H10Cl2FNOS | 1000295-12-7 | 25   |
| 4    |    | 2-Butenoic acid, 2-methyl-, 4,5,... | 330 | C20H26O4      | 056298-87-4  | 14   |
| 5    |    | .beta.-Sitosterol acetate           | 456 | C31H52O2      | 000915-05-9  | 12   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF060415\  
 Data File : BF079724.D  
 Acq On : 5 Jun 2015 3:45  
 Operator : TP/IZ  
 Sample : G2474-03  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 C-3

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF060415.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 |
| Butane, 2-methoxy... | 2.94  | 13.4    | ng    | 394816   | 1                     | 7.51  | 588672  | 20.0 |
| unknown7.28          | 7.28  | 85.0    | ng    | 2500750  | 1                     | 7.51  | 588672  | 20.0 |
| 4H-Cyclopenta[def... | 12.72 | 3.1     | ng    | 214655   | 4                     | 12.08 | 1392890 | 20.0 |
| 11H-Benzo[b]fluorene | 13.97 | 2.6     | ng    | 232355   | 5                     | 14.99 | 1773840 | 20.0 |
| 5-Eicosene, (E)-     | 14.75 | 6.8     | ng    | 603488   | 5                     | 14.99 | 1773840 | 20.0 |
| Oxirane, [(hexade... | 15.55 | 3.7     | ng    | 325823   | 5                     | 14.99 | 1773840 | 20.0 |
| Oxirane, heptadecyl- | 16.16 | 5.0     | ng    | 285780   | 6                     | 16.93 | 1134790 | 20.0 |
| 2- Chloropropioni... | 16.46 | 12.7    | ng    | 718902   | 6                     | 16.93 | 1134790 | 20.0 |
| Oxirane, hexadecyl-  | 17.22 | 3.2     | ng    | 181231   | 6                     | 16.93 | 1134790 | 20.0 |
| Tetratetracontane    | 17.57 | 6.1     | ng    | 343679   | 6                     | 16.93 | 1134790 | 20.0 |
| 3-Eicosene, (E)-     | 17.62 | 4.0     | ng    | 229296   | 6                     | 16.93 | 1134790 | 20.0 |
| Oleyl Alcohol        | 18.67 | 5.4     | ng    | 306092   | 6                     | 16.93 | 1134790 | 20.0 |
| 1-Docosanol          | 19.21 | 4.2     | ng    | 240426   | 6                     | 16.93 | 1134790 | 20.0 |
| .gamma.-Sitosterol   | 19.77 | 4.4     | ng    | 250765   | 6                     | 16.93 | 1134790 | 20.0 |