

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032819\  
 Data File : BF113380.D  
 Acq On : 28 Mar 2019 18:07  
 Operator : JU/SJ  
 Sample : K2107-15  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-8

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:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF032519.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         | 5.316       | 545           | 549         | 572          | rBV      | 3068474        | 3458188       | 65.48%          | 7.707%        |
| 2         | 6.351       | 720           | 725         | 742          | rBV      | 3518902        | 3719732       | 70.43%          | 8.290%        |
| 3         | 6.475       | 742           | 746         | 749          | rBV      | 3923553        | 3627115       | 68.68%          | 8.084%        |
| 4         | 6.698       | 781           | 784         | 794          | rBV      | 1004925        | 966647        | 18.30%          | 2.154%        |
| 5         | 6.857       | 807           | 811         | 824          | rBV      | 3138739        | 2852141       | 54.01%          | 6.356%        |
| 6         | 7.263       | 876           | 880         | 894          | rBV      | 2287743        | 2388300       | 45.22%          | 5.323%        |
| 7         | 7.981       | 998           | 1002        | 1021         | rBV      | 1166490        | 1261995       | 23.90%          | 2.813%        |
| 8         | 8.463       | 1081          | 1084        | 1103         | rBV      | 95006          | 288722        | 5.47%           | 0.643%        |
| 9         | 9.057       | 1181          | 1185        | 1196         | rBV      | 4335098        | 4512073       | 85.44%          | 10.056%       |
| 10        | 9.451       | 1249          | 1252        | 1263         | rBV      | 199589         | 208253        | 3.94%           | 0.464%        |
| 11        | 9.733       | 1296          | 1300        | 1314         | rVB      | 1544248        | 1479362       | 28.01%          | 3.297%        |
| 12        | 10.522      | 1429          | 1434        | 1447         | rBV      | 2780300        | 2990960       | 56.63%          | 6.666%        |
| 13        | 11.210      | 1547          | 1551        | 1561         | rBV      | 1762825        | 1647747       | 31.20%          | 3.672%        |
| 14        | 11.745      | 1639          | 1642        | 1663         | rBV      | 226590         | 381902        | 7.23%           | 0.851%        |
| 15        | 12.527      | 1772          | 1775        | 1786         | rBV      | 225835         | 362536        | 6.86%           | 0.808%        |
| 16        | 12.792      | 1815          | 1820        | 1824         | rBV      | 4836395        | 5281138       | 100.00%         | 11.770%       |
| 17        | 13.369      | 1912          | 1918        | 1920         | rBV2     | 77185          | 75429         | 1.43%           | 0.168%        |
| 18        | 13.698      | 1970          | 1974        | 1976         | rBV      | 113066         | 106511        | 2.02%           | 0.237%        |
| 19        | 13.751      | 1976          | 1983        | 1994         | rVV3     | 207924         | 879972        | 16.66%          | 1.961%        |
| 20        | 13.839      | 1994          | 1998        | 2011         | rVB      | 1787151        | 1902835       | 36.03%          | 4.241%        |
| 21        | 14.010      | 2023          | 2027        | 2031         | rBV      | 244590         | 211374        | 4.00%           | 0.471%        |
| 22        | 14.310      | 2073          | 2078        | 2082         | rBV      | 358700         | 340959        | 6.46%           | 0.760%        |
| 23        | 14.604      | 2125          | 2128        | 2133         | rVB      | 498992         | 509690        | 9.65%           | 1.136%        |
| 24        | 14.674      | 2136          | 2140        | 2144         | rVB      | 956240         | 865218        | 16.38%          | 1.928%        |
| 25        | 14.915      | 2177          | 2181        | 2189         | rBV      | 660520         | 734461        | 13.91%          | 1.637%        |
| 26        | 15.239      | 2231          | 2236        | 2239         | rBV      | 1094029        | 1567354       | 29.68%          | 3.493%        |
| 27        | 15.268      | 2239          | 2241        | 2249         | rVB      | 733694         | 758817        | 14.37%          | 1.691%        |
| 28        | 15.663      | 2303          | 2308        | 2318         | rVB      | 538790         | 786563        | 14.89%          | 1.753%        |
| 29        | 16.121      | 2380          | 2386        | 2402         | rBV      | 272886         | 537614        | 10.18%          | 1.198%        |
| 30        | 16.657      | 2472          | 2477        | 2483         | rBV      | 87766          | 166071        | 3.14%           | 0.370%        |

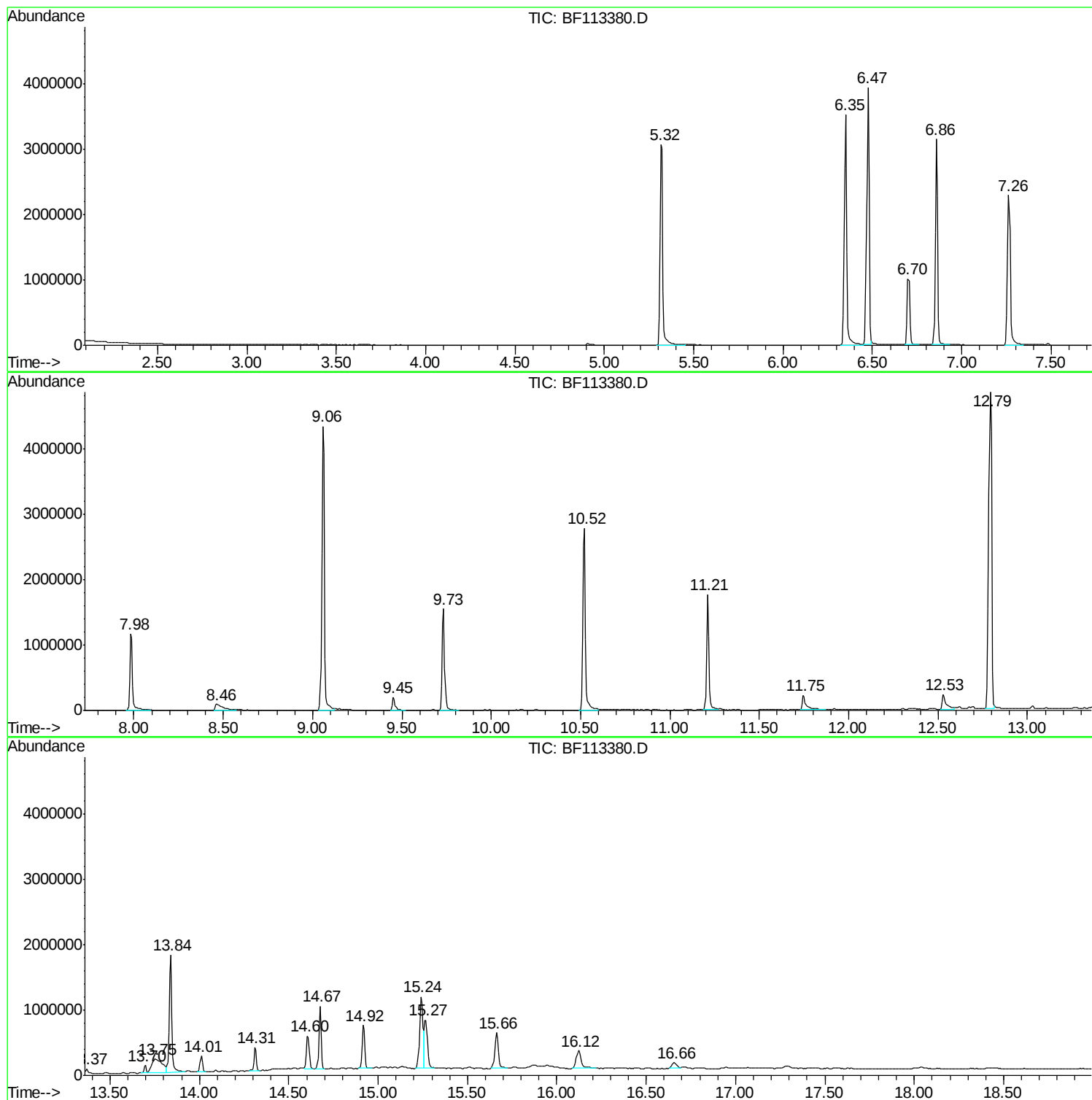
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF032519.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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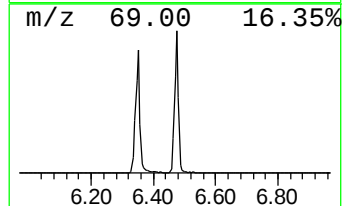
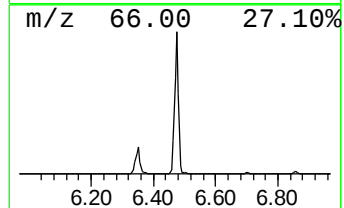
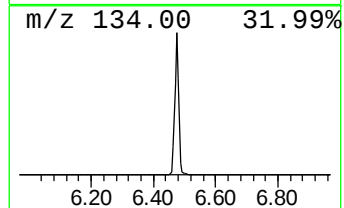
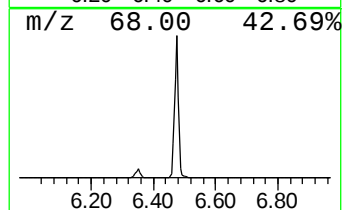
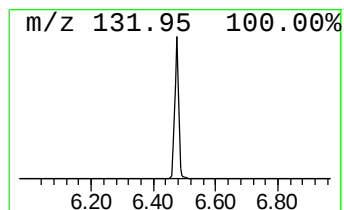
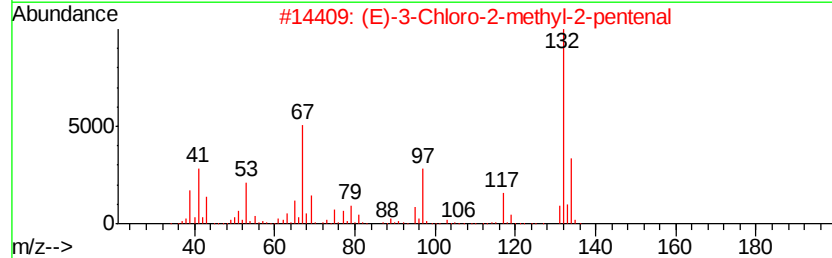
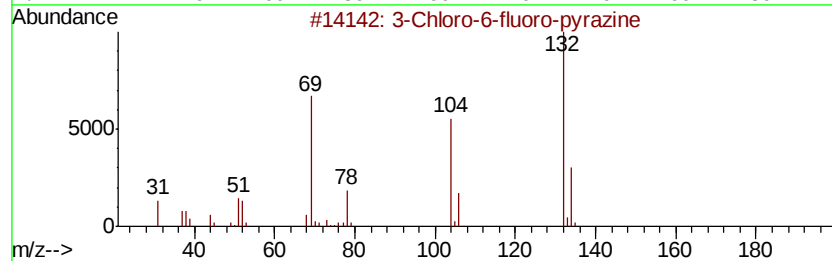
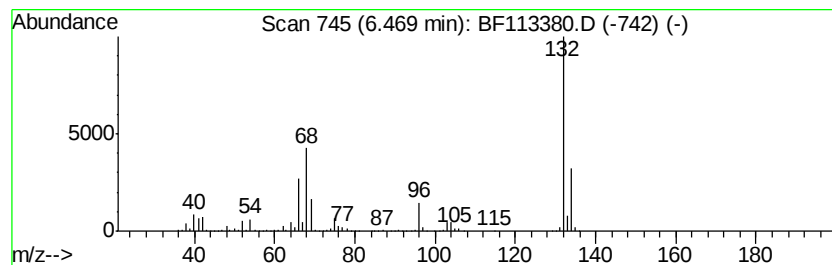
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Peak Number 1 unknown6.47 Concentration Rank 1

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 6.47 | 75.05 ng | 3627120 | 1,4-Dichlorobenzene-d4 | 6.70 |

| Hit# | of | Tentative ID                     | MW  | MolForm   | CAS#         | Qual |
|------|----|----------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 3-Chloro-6-fluoro-pyrazine       | 132 | C4H2ClFN2 | 1000146-10-7 | 27   |
| 2    |    | (E)-3-Chloro-2-methyl-2-pentenal | 132 | C6H9ClO   | 031357-76-3  | 12   |
| 3    |    | Tranvlcypropine-propionyl        | 189 | C12H15NO  | 1000123-86-3 | 12   |
| 4    |    | 5-Aminoindole                    | 132 | C8H8N2    | 005192-03-0  | 12   |
| 5    |    | Amphetaminil                     | 250 | C17H18N2  | 017590-01-1  | 12   |



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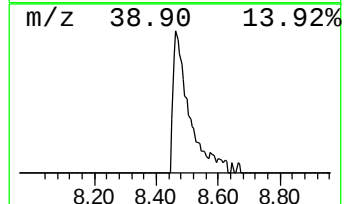
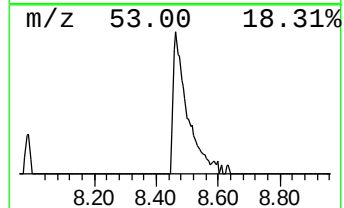
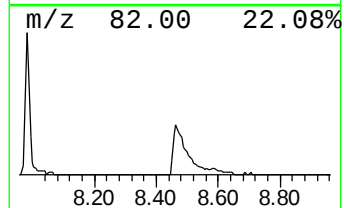
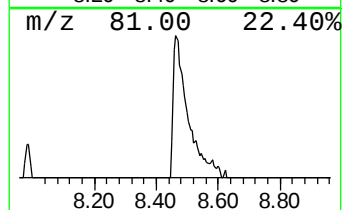
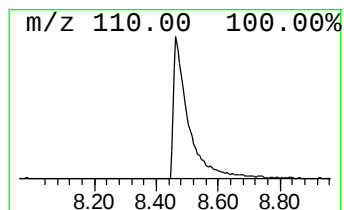
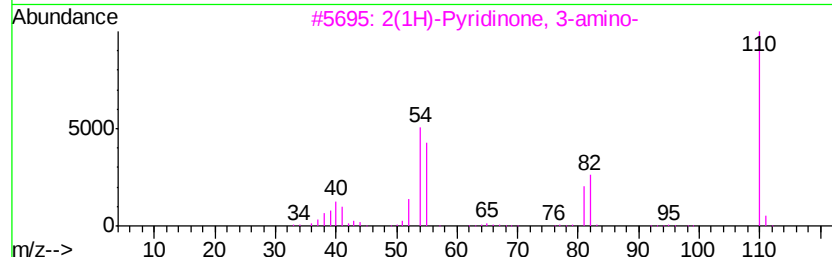
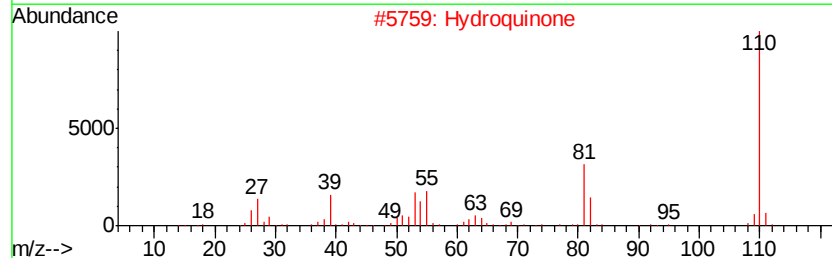
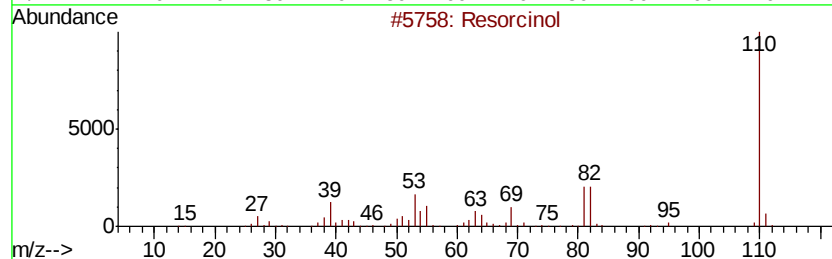
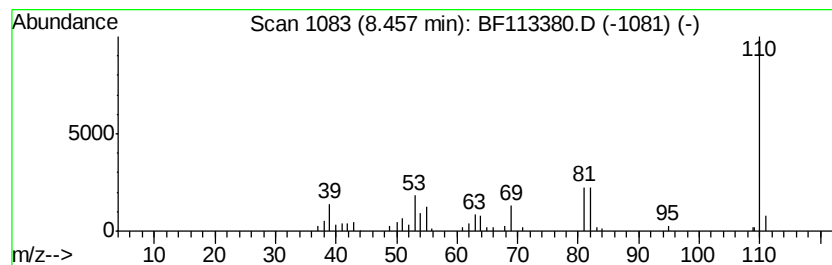
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 3 Resorcinol Concentration Rank 10

| R.T. | EstConc | Area   | Relative to ISTD | R.T. |
|------|---------|--------|------------------|------|
| 8.46 | 4.58 ng | 288722 | Naphthalene-d8   | 7.98 |

| Hit# of | 5                             | Tentative ID | MW  | MolForm | CAS#        | Qual |
|---------|-------------------------------|--------------|-----|---------|-------------|------|
| 1       | Resorcinol                    |              | 110 | C6H6O2  | 000108-46-3 | 97   |
| 2       | Hydroquinone                  |              | 110 | C6H6O2  | 000123-31-9 | 80   |
| 3       | 2(1H)-Pyridinone, 3-amino-    |              | 110 | C5H6N2O | 033630-99-8 | 64   |
| 4       | Catechol                      |              | 110 | C6H6O2  | 000120-80-9 | 62   |
| 5       | 4(1H)-Pyrimidinone, 6-methyl- |              | 110 | C5H6N2O | 003524-87-6 | 59   |



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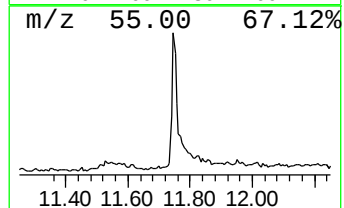
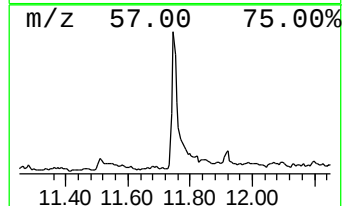
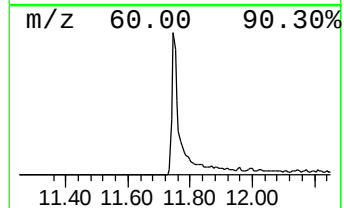
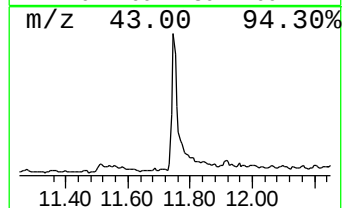
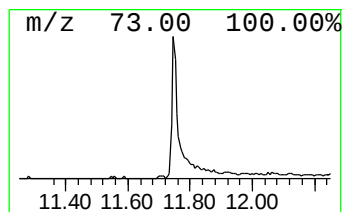
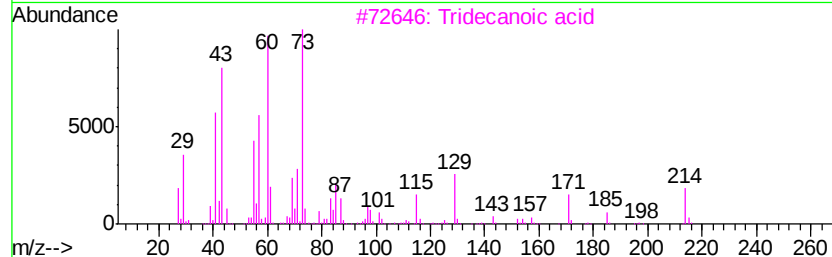
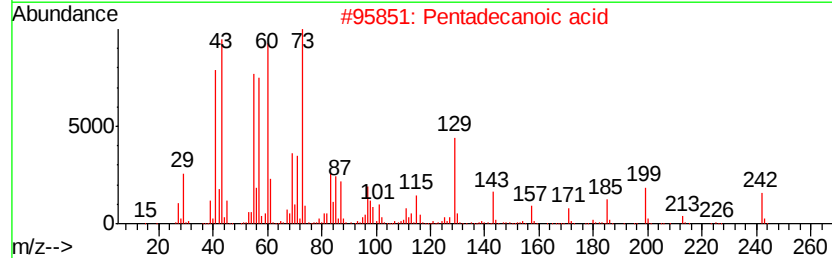
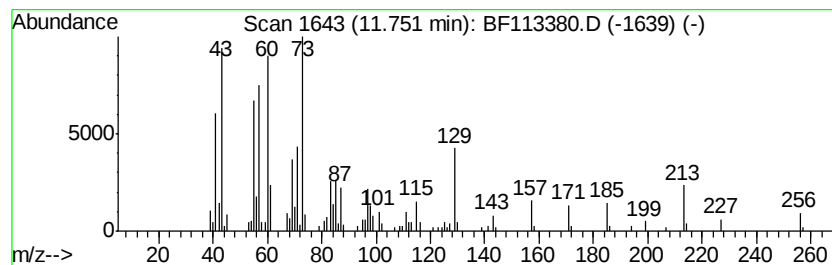
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 4 n-Hexadecanoic acid Concentration Rank 9

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 11.75 | 4.64 ng | 381902 | Phenanthrene-d10 | 11.21 |

| Hit# of | 5 | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|---------|---|---------------------|-----|----------|-------------|------|
| 1       |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 99   |
| 2       |   | Pentadecanoic acid  | 242 | C15H30O2 | 001002-84-2 | 94   |
| 3       |   | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 93   |
| 4       |   | Tetradecanoic acid  | 228 | C14H28O2 | 000544-63-8 | 90   |
| 5       |   | n-Decanoic acid     | 172 | C10H20O2 | 000334-48-5 | 68   |



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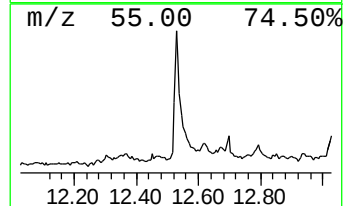
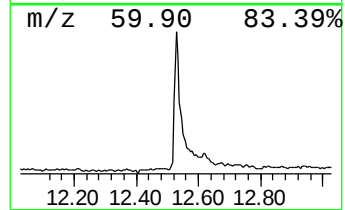
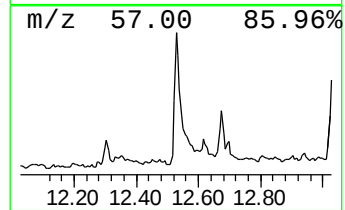
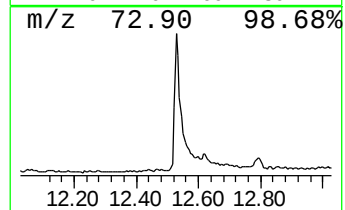
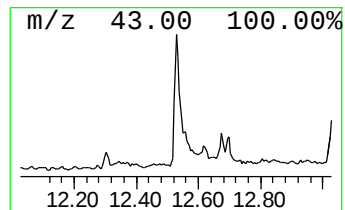
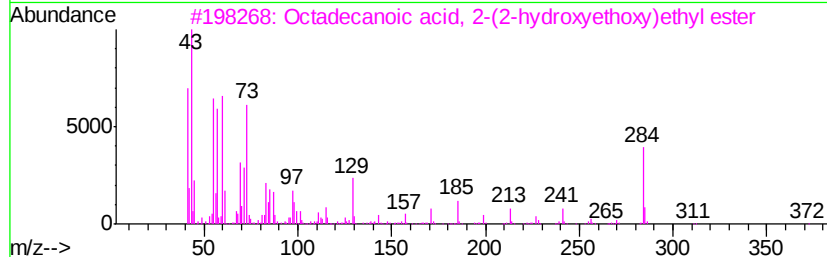
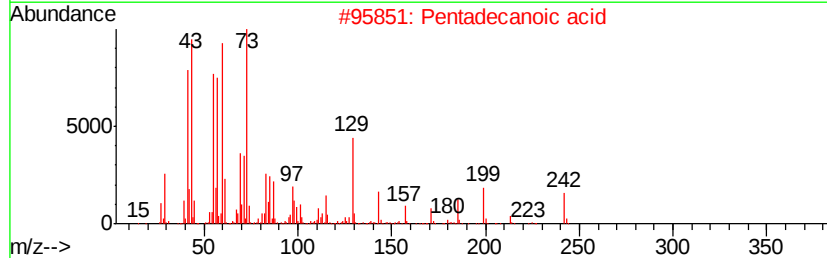
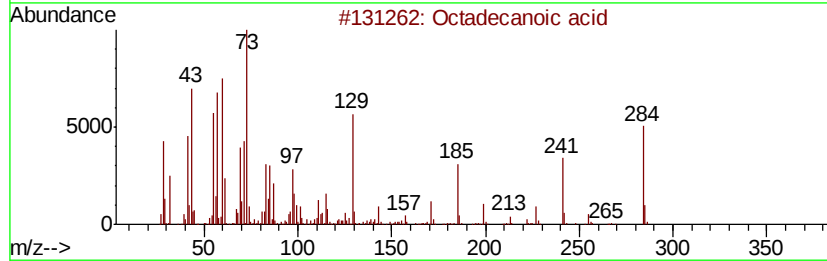
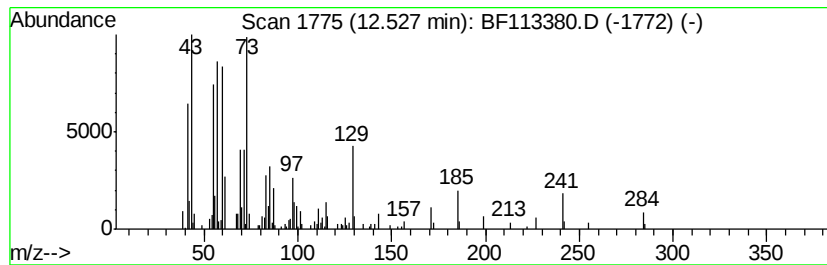
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TIC Library : C:\DATABASE\NIST11.L  
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Peak Number 5 Octadecanoic acid Concentration Rank 11

| R.T.      | EstConc                              | Area   | Relative to ISTD | R.T.        |      |
|-----------|--------------------------------------|--------|------------------|-------------|------|
| 12.53     | 3.81 ng                              | 362536 | Chrysene-d12     | 13.84       |      |
| Hit# of 5 | Tentative ID                         | MW     | MolForm          | CAS#        | Qual |
| 1         | Octadecanoic acid                    | 284    | C18H36O2         | 000057-11-4 | 99   |
| 2         | Pentadecanoic acid                   | 242    | C15H30O2         | 001002-84-2 | 93   |
| 3         | Octadecanoic acid, 2-(2-hydroxyve... | 372    | C22H44O4         | 000106-11-6 | 90   |
| 4         | n-Hexadecanoic acid                  | 256    | C16H32O2         | 000057-10-3 | 87   |
| 5         | Tetradecanoic acid                   | 228    | C14H28O2         | 000544-63-8 | 80   |



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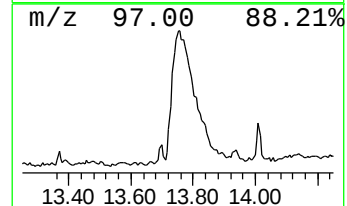
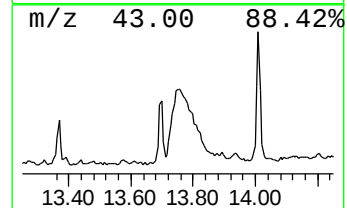
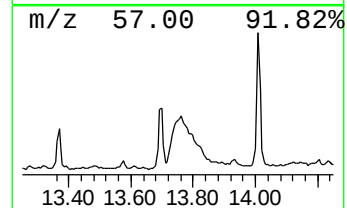
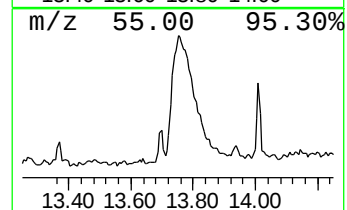
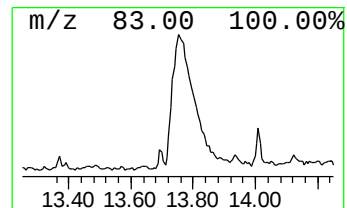
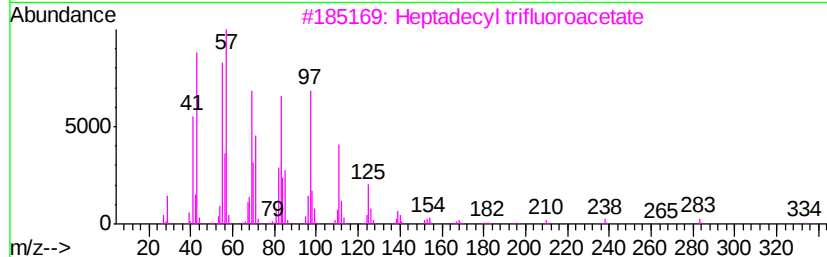
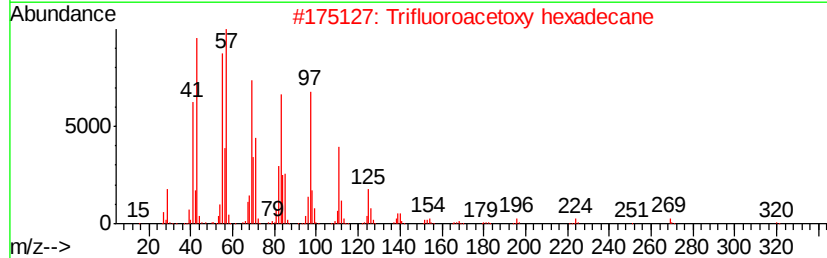
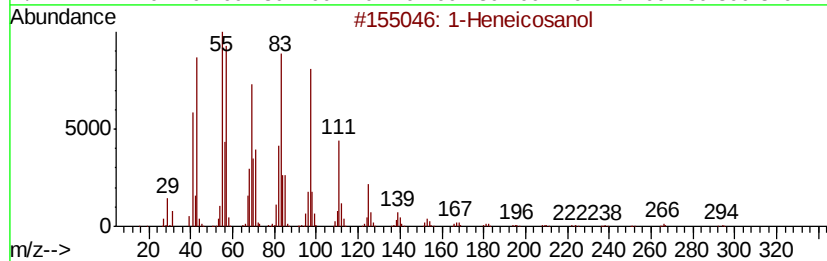
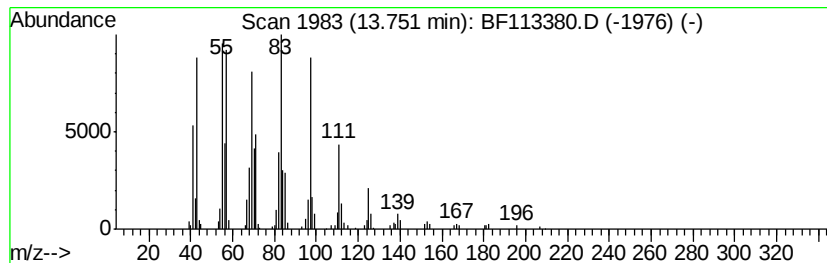
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TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 6 1-Heneicosanol Concentration Rank 6

| R.T.      | EstConc                             | Area   | Relative to ISTD |              | R.T.  |
|-----------|-------------------------------------|--------|------------------|--------------|-------|
| 13.75     | 9.25 ng                             | 879972 | Chrysene-d12     |              | 13.84 |
| Hit# of 5 | Tentative ID                        | MW     | MolForm          | CAS#         | Qual  |
| 1         | 1-Heneicosanol                      | 312    | C21H44O          | 015594-90-8  | 95    |
| 2         | Trifluoroacetoxy hexadecane         | 338    | C18H33F3O2       | 006222-03-3  | 93    |
| 3         | Heptadecyl trifluoroacetate         | 352    | C19H35F3O2       | 1000351-87-0 | 92    |
| 4         | 1-Heptacosanol                      | 396    | C27H56O          | 002004-39-9  | 91    |
| 5         | Trichloroacetic acid, hexadecyl ... | 386    | C18H33Cl3O2      | 074339-54-1  | 91    |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032819\  
Data File : BF113380.D  
Acq On : 28 Mar 2019 18:07  
Operator : JU/SJ  
Sample : K2107-15  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TP-8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF032519.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

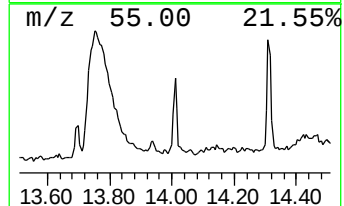
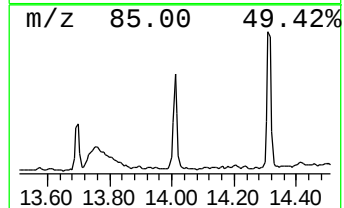
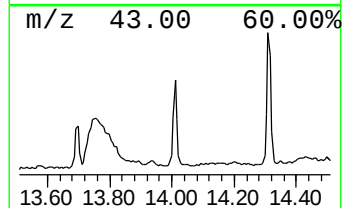
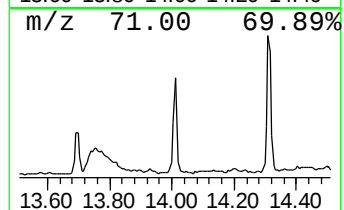
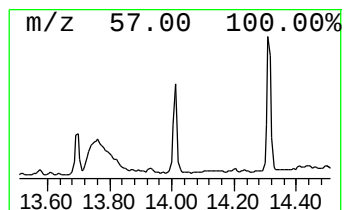
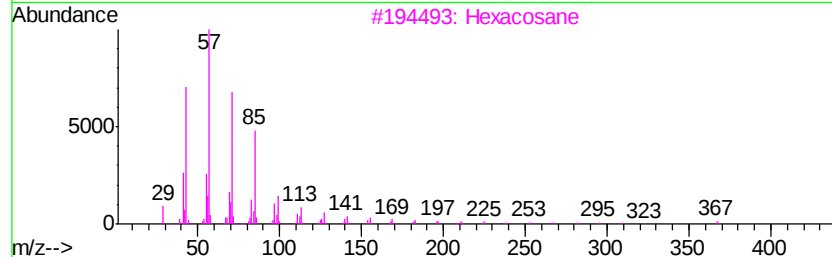
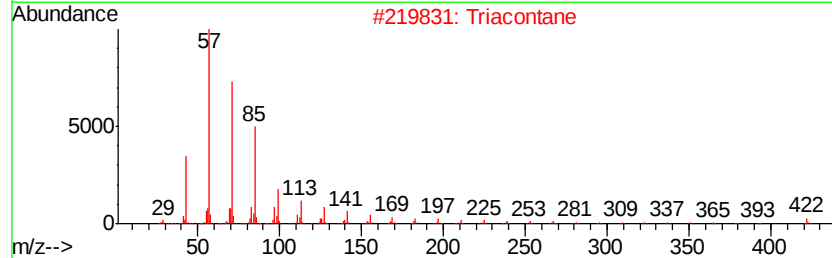
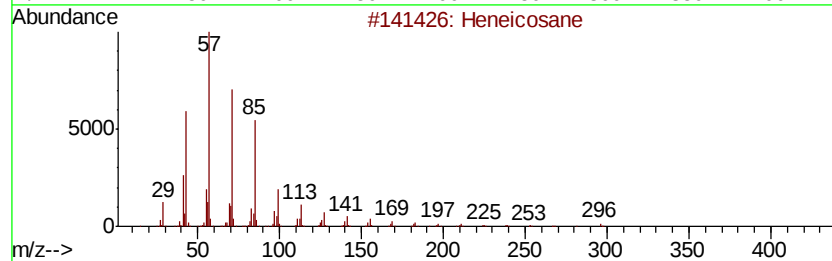
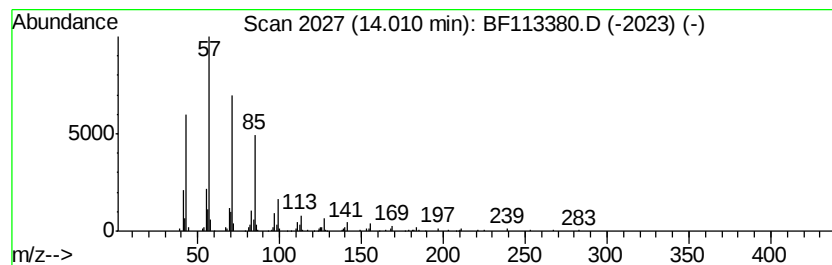
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TIC Integration Parameters: LSCINT.P

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Peak Number 7 Heneicosane Concentration Rank 13

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 14.01 | 2.22 ng | 211374 | Chrysene-d12     | 13.84 |

| Hit# of | 5                     | Tentative ID | MW  | MolForm | CAS#        | Qual |
|---------|-----------------------|--------------|-----|---------|-------------|------|
| 1       | Heneicosane           |              | 296 | C21H44  | 000629-94-7 | 91   |
| 2       | triacontane           |              | 422 | C30H62  | 000638-68-6 | 91   |
| 3       | Hexacosane            |              | 366 | C26H54  | 000630-01-3 | 91   |
| 4       | Heptadecane, 9-octyl- |              | 352 | C25H52  | 007225-64-1 | 91   |
| 5       | Octadecane            |              | 254 | C18H38  | 000593-45-3 | 90   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032819\  
Data File : BF113380.D  
Acq On : 28 Mar 2019 18:07  
Operator : JU/SJ  
Sample : K2107-15  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TP-8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF032519.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

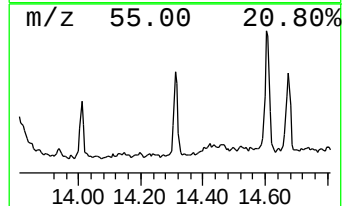
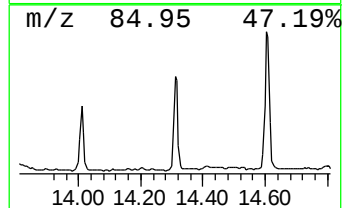
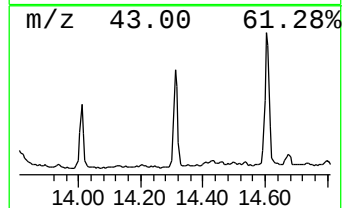
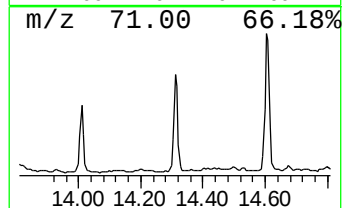
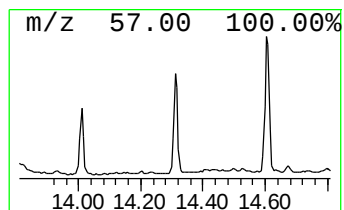
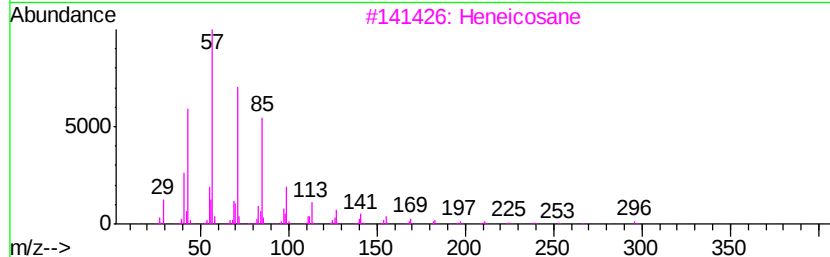
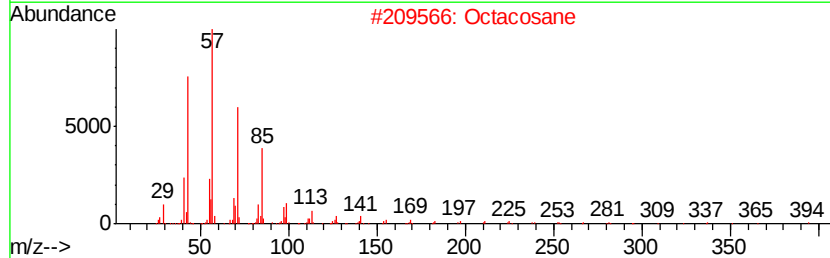
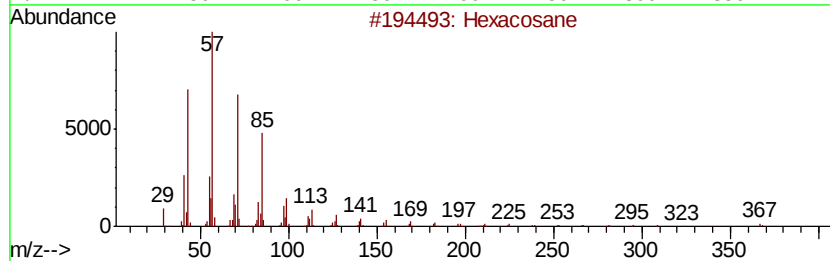
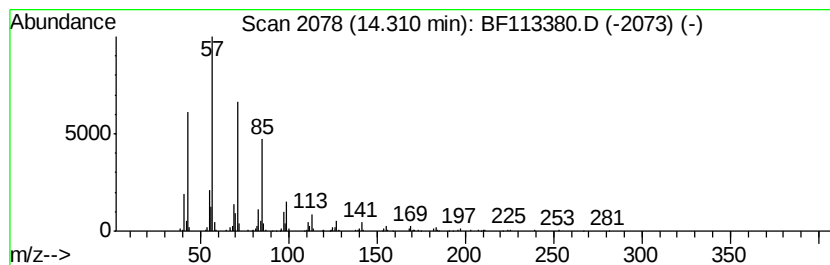
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TIC Integration Parameters: LSCINT.P

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Peak Number 8 Hexacosane Concentration Rank 12

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 14.31 | 3.58 ng | 340959 | Chrysene-d12     | 13.84 |

| Hit# of | 5           | Tentative ID | MW  | MolForm | CAS#        | Qual |
|---------|-------------|--------------|-----|---------|-------------|------|
| 1       | Hexacosane  |              | 366 | C26H54  | 000630-01-3 | 91   |
| 2       | Octacosane  |              | 394 | C28H58  | 000630-02-4 | 91   |
| 3       | Heneicosane |              | 296 | C21H44  | 000629-94-7 | 91   |
| 4       | Heptacosane |              | 380 | C27H56  | 000593-49-7 | 91   |
| 5       | Tetracosane |              | 338 | C24H50  | 000646-31-1 | 91   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032819\  
Data File : BF113380.D  
Acq On : 28 Mar 2019 18:07  
Operator : JU/SJ  
Sample : K2107-15  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TP-8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF032519.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

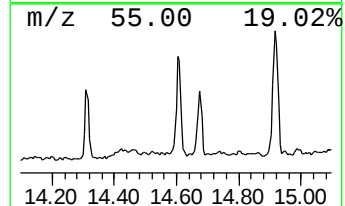
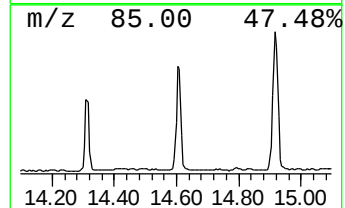
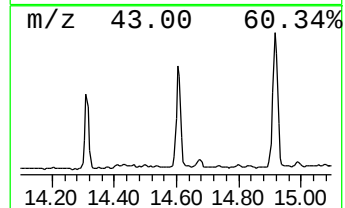
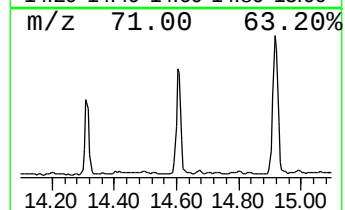
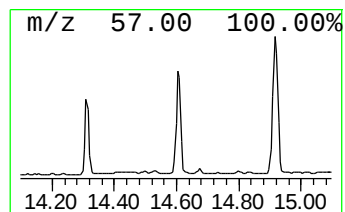
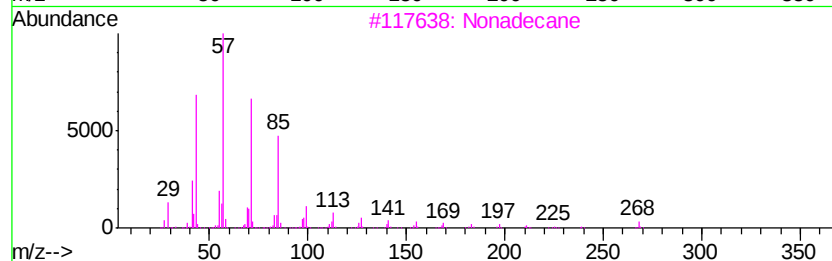
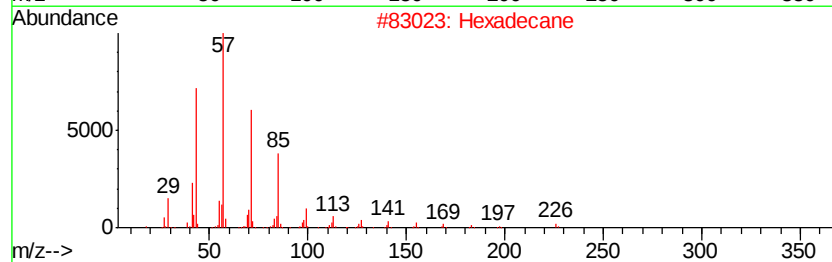
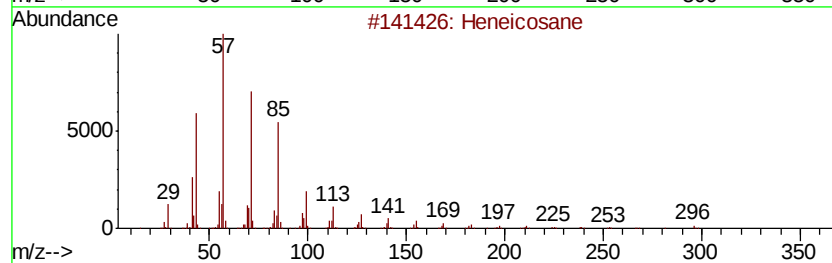
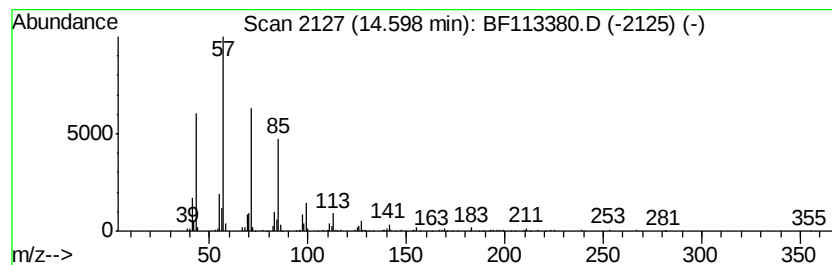
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 9 Nonadecane Concentration Rank 8

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 14.60 | 6.50 ng | 509690 | Perylene-d12     | 15.24 |

| Hit# of | 5           | Tentative ID | MW  | MolForm | CAS#        | Qual |
|---------|-------------|--------------|-----|---------|-------------|------|
| 1       | Heneicosane |              | 296 | C21H44  | 000629-94-7 | 91   |
| 2       | Hexadecane  |              | 226 | C16H34  | 000544-76-3 | 87   |
| 3       | Nonadecane  |              | 268 | C19H40  | 000629-92-5 | 86   |
| 4       | Heptacosane |              | 380 | C27H56  | 000593-49-7 | 83   |
| 5       | Octacosane  |              | 394 | C28H58  | 000630-02-4 | 81   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032819\  
Data File : BF113380.D  
Acq On : 28 Mar 2019 18:07  
Operator : JU/SJ  
Sample : K2107-15  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TP-8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF032519.M  
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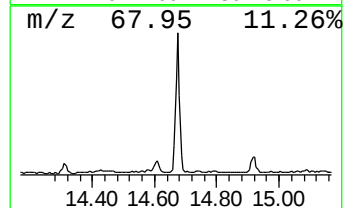
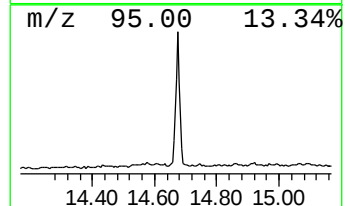
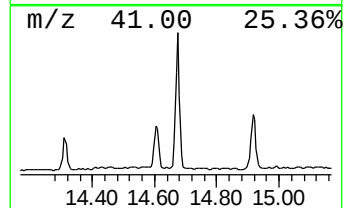
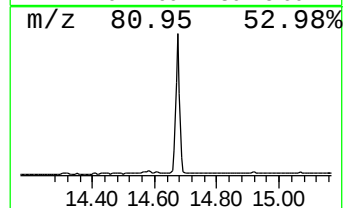
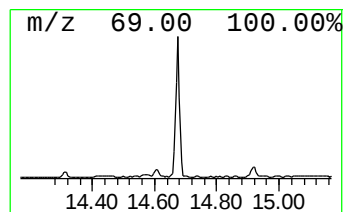
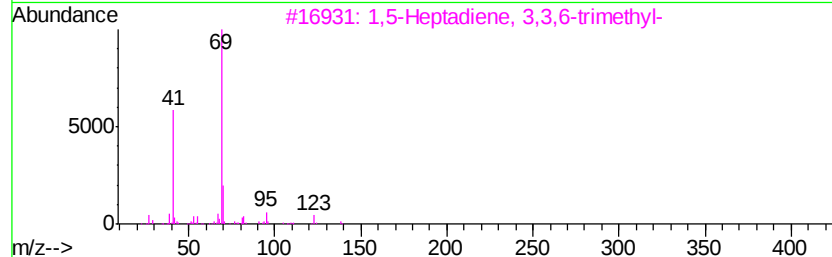
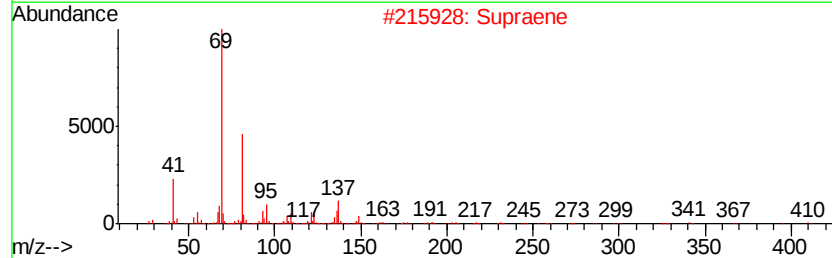
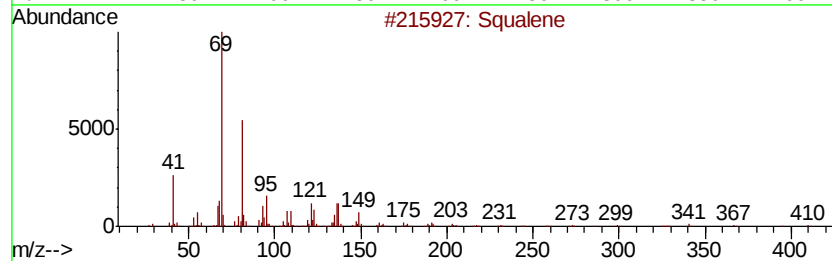
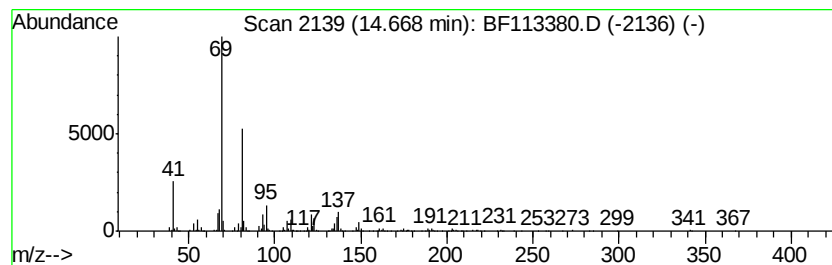
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 10 Squalene Concentration Rank 3

| R.T.  | EstConc  | Area   | Relative to ISTD | R.T.  |
|-------|----------|--------|------------------|-------|
| 14.67 | 11.04 ng | 865218 | Perylene-d12     | 15.24 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#         | Qual |
|------|----|-------------------------------------|-----|---------|--------------|------|
| 1    | 5  | Squalene                            | 410 | C30H50  | 000111-02-4  | 97   |
| 2    |    | Supraene                            | 410 | C30H50  | 007683-64-9  | 91   |
| 3    |    | 1,5-Heptadiene, 3,3,6-trimethyl-    | 138 | C10H18  | 035387-63-4  | 52   |
| 4    |    | 2,6,10,14,18-Pentamethyl-2,6,10,... | 342 | C25H42  | 075581-03-2  | 42   |
| 5    |    | Docosa-2,6,10,14,18-pentaen-22-a... | 384 | C27H44O | 1000163-04-7 | 38   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032819\  
Data File : BF113380.D  
Acq On : 28 Mar 2019 18:07  
Operator : JU/SJ  
Sample : K2107-15  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TP-8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF032519.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

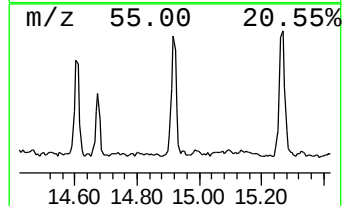
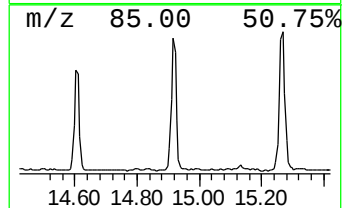
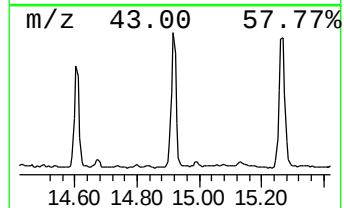
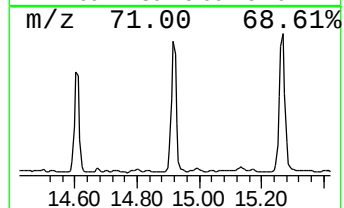
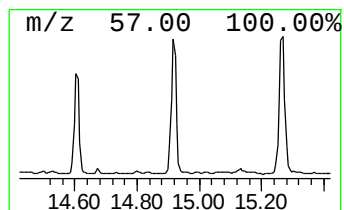
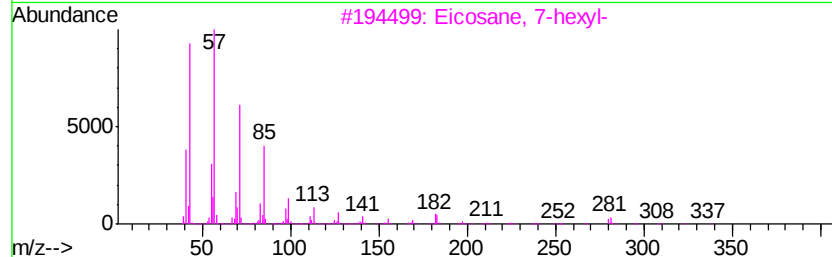
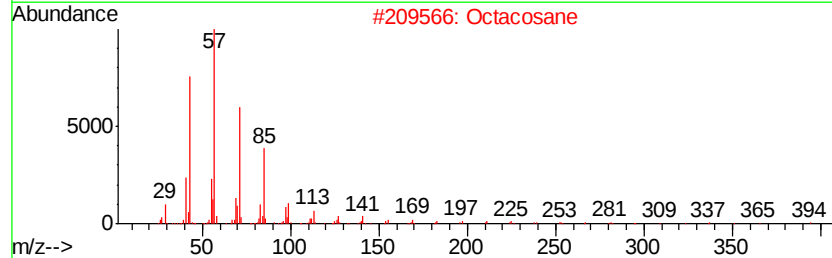
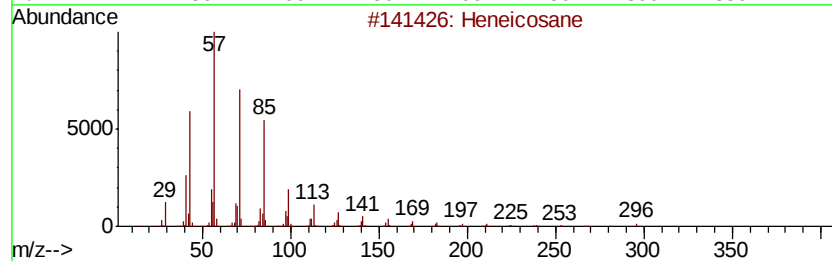
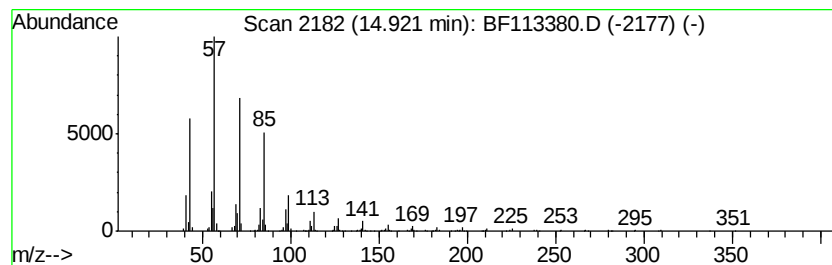
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TIC Integration Parameters: LSCINT.P

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Peak Number 11 Hexadecane Concentration Rank 5

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 14.92 | 9.37 ng | 734461 | Perylene-d12     | 15.24 |

| Hit# | of | Tentative ID       | MW  | MolForm | CAS#        | Qual |
|------|----|--------------------|-----|---------|-------------|------|
| 1    | 5  | Heneicosane        | 296 | C21H44  | 000629-94-7 | 91   |
| 2    |    | Octacosane         | 394 | C28H58  | 000630-02-4 | 91   |
| 3    |    | Eicosane, 7-hexyl- | 366 | C26H54  | 055333-99-8 | 90   |
| 4    |    | Hexadecane         | 226 | C16H34  | 000544-76-3 | 87   |
| 5    |    | Tetradecane        | 198 | C14H30  | 000629-59-4 | 87   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032819\  
Data File : BF113380.D  
Acq On : 28 Mar 2019 18:07  
Operator : JU/SJ  
Sample : K2107-15  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TP-8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF032519.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

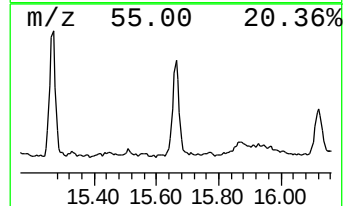
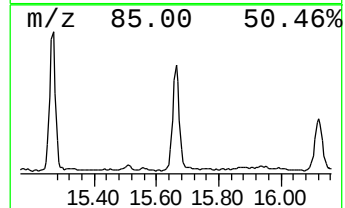
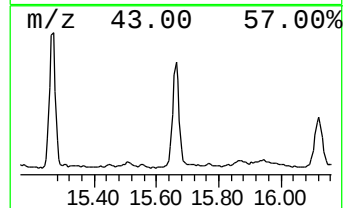
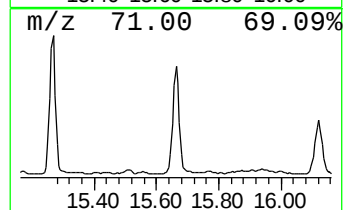
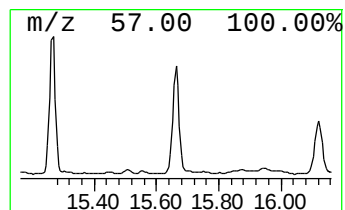
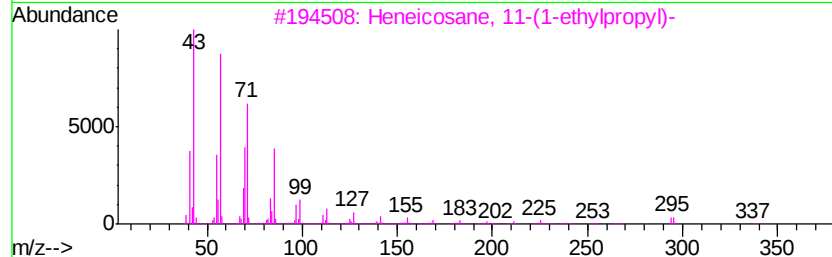
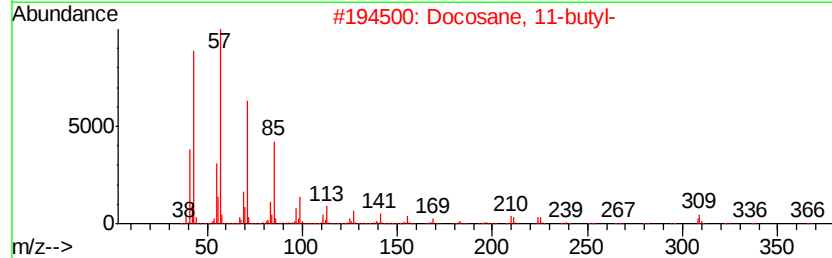
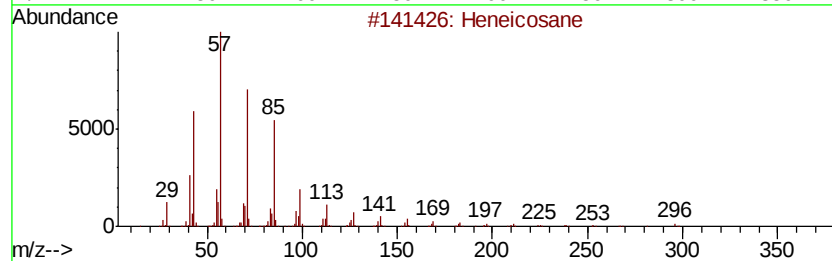
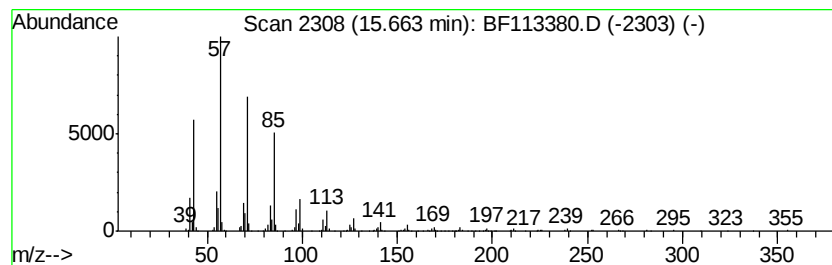
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 12 Heneicosane, 11-(1-ethylpro... Concentration Rank 4

| R.T.  | EstConc  | Area   | Relative to ISTD | R.T.  |
|-------|----------|--------|------------------|-------|
| 15.66 | 10.04 ng | 786563 | Perylene-d12     | 15.24 |

| Hit# | of | Tentative ID                     | MW  | MolForm | CAS#        | Qual |
|------|----|----------------------------------|-----|---------|-------------|------|
| 1    | 5  | Heneicosane                      | 296 | C21H44  | 000629-94-7 | 91   |
| 2    |    | Docosane, 11-butyl-              | 366 | C26H54  | 013475-76-8 | 91   |
| 3    |    | Heneicosane, 11-(1-ethylpropyl)- | 366 | C26H54  | 055282-11-6 | 91   |
| 4    |    | Eicosane                         | 282 | C20H42  | 000112-95-8 | 90   |
| 5    |    | Tetracosane                      | 338 | C24H50  | 000646-31-1 | 90   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032819\  
Data File : BF113380.D  
Acq On : 28 Mar 2019 18:07  
Operator : JU/SJ  
Sample : K2107-15  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TP-8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF032519.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

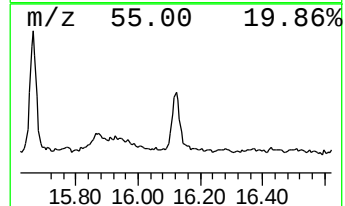
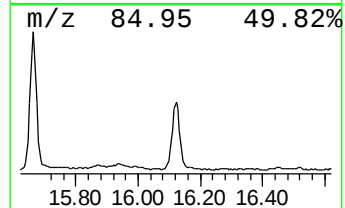
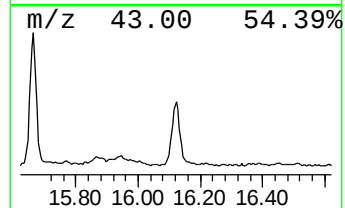
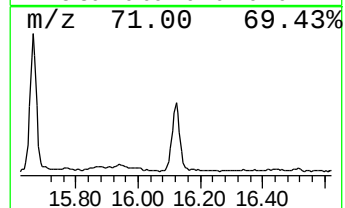
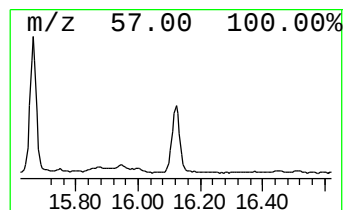
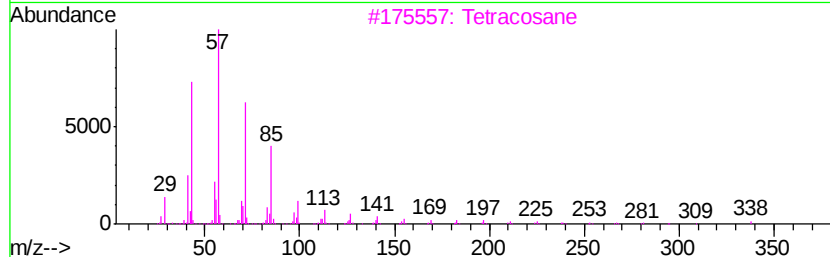
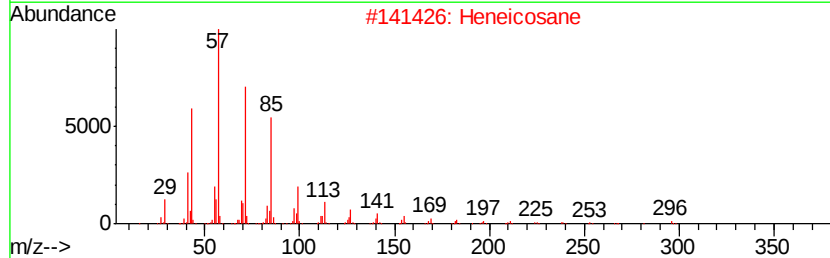
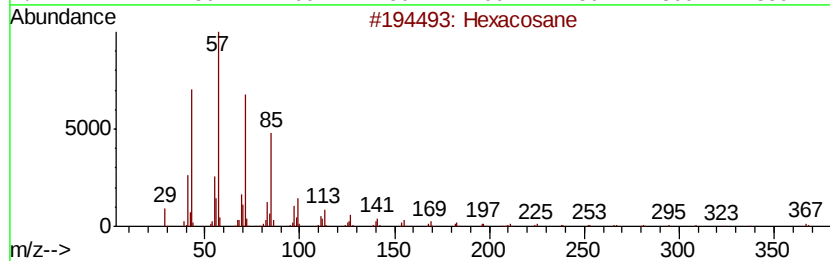
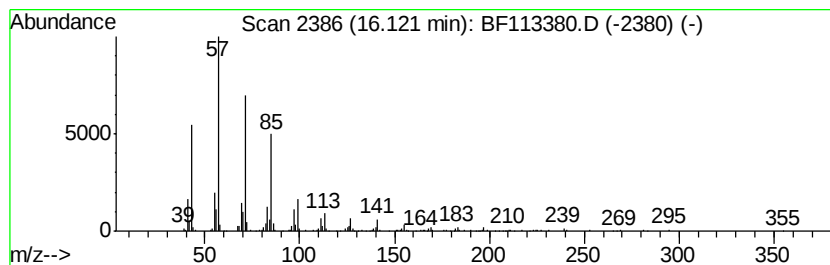
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 13 2-methyloctacosane Concentration Rank 7

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 16.12 | 6.86 ng | 537614 | Perylene-d12     | 15.24 |

| Hit# | of | 5 | Tentative ID       | MW  | MolForm | CAS#         | Qual |
|------|----|---|--------------------|-----|---------|--------------|------|
| 1    |    |   | Hexacosane         | 366 | C26H54  | 000630-01-3  | 91   |
| 2    |    |   | Heneicosane        | 296 | C21H44  | 000629-94-7  | 91   |
| 3    |    |   | Tetracosane        | 338 | C24H50  | 000646-31-1  | 91   |
| 4    |    |   | 2-methyloctacosane | 408 | C29H60  | 1000376-72-8 | 91   |
| 5    |    |   | triacontane        | 422 | C30H62  | 000638-68-6  | 91   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032819\  
Data File : BF113380.D  
Acq On : 28 Mar 2019 18:07  
Operator : JU/SJ  
Sample : K2107-15  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TP-8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF032519.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

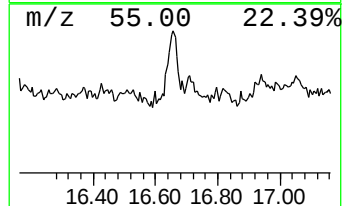
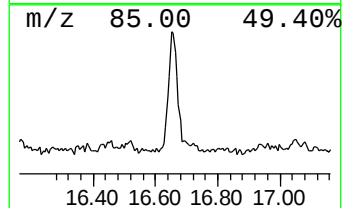
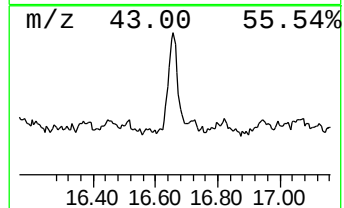
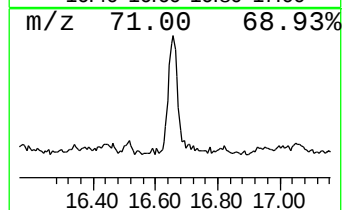
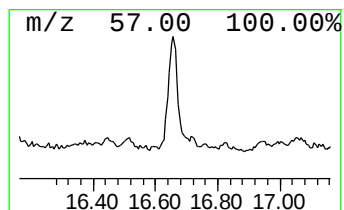
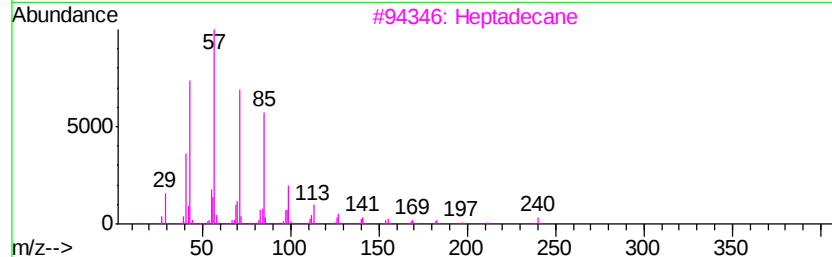
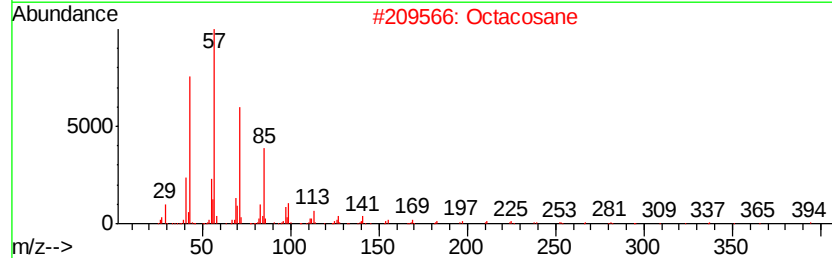
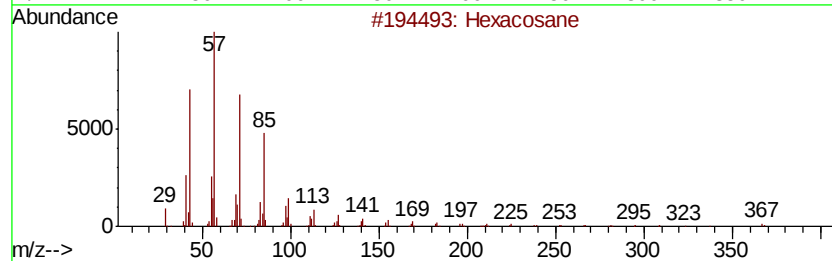
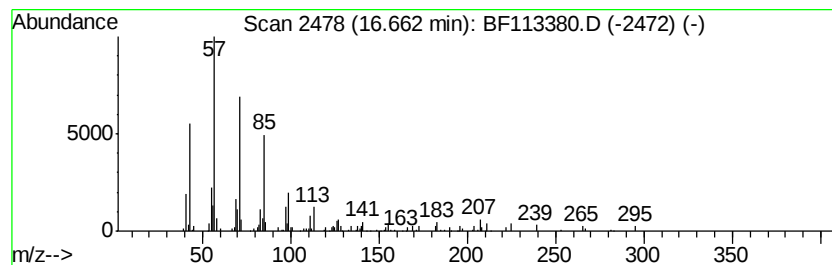
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 14 Heptadecane Concentration Rank 14

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 16.66 | 2.12 ng | 166071 | Perylene-d12     | 15.24 |

| Hit# | of | Tentative ID       | MW  | MolForm | CAS#         | Qual |
|------|----|--------------------|-----|---------|--------------|------|
| 1    | 5  | Hexacosane         | 366 | C26H54  | 000630-01-3  | 87   |
| 2    |    | Octacosane         | 394 | C28H58  | 000630-02-4  | 87   |
| 3    |    | Heptadecane        | 240 | C17H36  | 000629-78-7  | 86   |
| 4    |    | Eicosane, 7-hexyl- | 366 | C26H54  | 055333-99-8  | 83   |
| 5    |    | 2-methyloctacosane | 408 | C29H60  | 1000376-72-8 | 83   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA\_F\DATA\BF032819\  
Data File : BF113380.D  
Acq On : 28 Mar 2019 18:07  
Operator : JU/SJ  
Sample : K2107-15  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TP-8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF032519.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 |
| unknown6.47          | 6.47  | 75.0    | ng    | 3627120  | 1                     | 6.70  | 966647  | 20.0 |
| Resorcinol           | 8.46  | 4.6     | ng    | 288722   | 2                     | 7.98  | 1262000 | 20.0 |
| n-Hexadecanoic acid  | 11.75 | 4.6     | ng    | 381902   | 4                     | 11.21 | 1647750 | 20.0 |
| Octadecanoic acid    | 12.53 | 3.8     | ng    | 362536   | 5                     | 13.84 | 1902840 | 20.0 |
| 1-Heneicosanol       | 13.75 | 9.3     | ng    | 879972   | 5                     | 13.84 | 1902840 | 20.0 |
| Heneicosane          | 14.01 | 2.2     | ng    | 211374   | 5                     | 13.84 | 1902840 | 20.0 |
| Hexacosane           | 14.31 | 3.6     | ng    | 340959   | 5                     | 13.84 | 1902840 | 20.0 |
| Nonadecane           | 14.60 | 6.5     | ng    | 509690   | 6                     | 15.24 | 1567350 | 20.0 |
| Squalene             | 14.67 | 11.0    | ng    | 865218   | 6                     | 15.24 | 1567350 | 20.0 |
| Hexadecane           | 14.92 | 9.4     | ng    | 734461   | 6                     | 15.24 | 1567350 | 20.0 |
| Heneicosane, 11-(... | 15.66 | 10.0    | ng    | 786563   | 6                     | 15.24 | 1567350 | 20.0 |
| 2-methyloctacosane   | 16.12 | 6.9     | ng    | 537614   | 6                     | 15.24 | 1567350 | 20.0 |
| Heptadecane          | 16.66 | 2.1     | ng    | 166071   | 6                     | 15.24 | 1567350 | 20.0 |