

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_F\DATA\BF040820\  
 Data File : BF119883.D  
 Acq On : 9 Apr 2020 21:26  
 Operator : MA/SJ  
 Sample : L2166-19 5X  
 Misc :  
 ALS Vial : 47 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-45-COMP

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-BF040820.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

| peak<br># | R.T.<br>min | first<br>scan | max<br>scan | last<br>scan | PK<br>TY | peak<br>height | corr.<br>area | corr.<br>% max. | % of<br>total |
|-----------|-------------|---------------|-------------|--------------|----------|----------------|---------------|-----------------|---------------|
| 1         | 4.316       | 375           | 379         | 385          | rVB      | 16026          | 20765         | 1.63%           | 0.149%        |
| 2         | 4.951       | 483           | 487         | 493          | rVB      | 57969          | 62045         | 4.87%           | 0.446%        |
| 3         | 5.369       | 554           | 558         | 562          | rBV      | 1422156        | 1192382       | 93.67%          | 8.566%        |
| 4         | 6.392       | 729           | 732         | 743          | rBV      | 1248352        | 1149930       | 90.34%          | 8.261%        |
| 5         | 6.769       | 792           | 796         | 799          | rBV      | 1052355        | 878847        | 69.04%          | 6.313%        |
| 6         | 6.922       | 818           | 822         | 825          | rBV      | 1133367        | 863133        | 67.81%          | 6.200%        |
| 7         | 7.328       | 887           | 891         | 894          | rBV      | 977265         | 747899        | 58.76%          | 5.373%        |
| 8         | 8.051       | 1010          | 1014        | 1018         | rBV      | 1511263        | 1206488       | 94.78%          | 8.667%        |
| 9         | 9.127       | 1193          | 1197        | 1200         | rBV      | 1659710        | 1272908       | 100.00%         | 9.144%        |
| 10        | 9.522       | 1262          | 1264        | 1269         | rVB      | 128901         | 101525        | 7.98%           | 0.729%        |
| 11        | 9.810       | 1309          | 1313        | 1316         | rBV      | 1387149        | 1089344       | 85.58%          | 7.825%        |
| 12        | 9.839       | 1316          | 1318        | 1324         | rVB      | 22013          | 17823         | 1.40%           | 0.128%        |
| 13        | 10.592      | 1443          | 1446        | 1450         | rBV      | 711922         | 621909        | 48.86%          | 4.468%        |
| 14        | 11.292      | 1562          | 1565        | 1568         | rBV      | 986789         | 911682        | 71.62%          | 6.549%        |
| 15        | 11.316      | 1568          | 1569        | 1572         | rVV      | 77749          | 53940         | 4.24%           | 0.387%        |
| 16        | 11.368      | 1576          | 1578        | 1581         | rVB      | 20415          | 16828         | 1.32%           | 0.121%        |
| 17        | 11.798      | 1646          | 1651        | 1653         | rBV      | 24403          | 22746         | 1.79%           | 0.163%        |
| 18        | 11.827      | 1653          | 1656        | 1660         | rVV      | 67786          | 67021         | 5.27%           | 0.481%        |
| 19        | 11.910      | 1666          | 1670        | 1672         | rBV2     | 37218          | 39253         | 3.08%           | 0.282%        |
| 20        | 11.933      | 1672          | 1674        | 1679         | rVB3     | 19101          | 17483         | 1.37%           | 0.126%        |
| 21        | 12.345      | 1741          | 1744        | 1748         | rBV2     | 19682          | 21632         | 1.70%           | 0.155%        |
| 22        | 12.386      | 1748          | 1751        | 1757         | rVB7     | 16156          | 23243         | 1.83%           | 0.167%        |
| 23        | 12.510      | 1768          | 1772        | 1775         | rBV      | 53408          | 50988         | 4.01%           | 0.366%        |
| 24        | 12.615      | 1785          | 1790        | 1794         | rBV7     | 28126          | 42518         | 3.34%           | 0.305%        |
| 25        | 12.710      | 1803          | 1806        | 1808         | rBV      | 184839         | 149992        | 11.78%          | 1.077%        |
| 26        | 12.733      | 1808          | 1810        | 1813         | rVV      | 74143          | 67292         | 5.29%           | 0.483%        |
| 27        | 12.786      | 1817          | 1819        | 1825         | rVB3     | 43312          | 37975         | 2.98%           | 0.273%        |
| 28        | 12.880      | 1832          | 1835        | 1839         | rBV      | 1034511        | 846208        | 66.48%          | 6.079%        |
| 29        | 13.121      | 1873          | 1876        | 1881         | rBV4     | 26897          | 31992         | 2.51%           | 0.230%        |
| 30        | 13.168      | 1881          | 1884        | 1888         | rBV3     | 15519          | 23674         | 1.86%           | 0.170%        |
| 31        | 13.368      | 1914          | 1918        | 1921         | rBV      | 68469          | 58930         | 4.63%           | 0.423%        |
| 32        | 13.415      | 1923          | 1926        | 1929         | rBV      | 123276         | 104474        | 8.21%           | 0.751%        |
| 33        | 13.462      | 1931          | 1934        | 1937         | rBV2     | 35120          | 35754         | 2.81%           | 0.257%        |
| 34        | 13.798      | 1987          | 1991        | 1999         | rBV2     | 73890          | 134883        | 10.60%          | 0.969%        |

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Misc :  
ALS Vial : 47 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TP-45-COMP

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:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF040820.M  
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 35 | 13.933 | 2010 | 2014 | 2017 | rBV  | 819710 | 798299 | 62.71% | 5.735% |
| 36 | 13.957 | 2017 | 2018 | 2021 | rVB  | 30415  | 26361  | 2.07%  | 0.189% |
| 37 | 14.109 | 2042 | 2044 | 2046 | rVB  | 37329  | 24081  | 1.89%  | 0.173% |
| 38 | 14.415 | 2093 | 2096 | 2098 | rBV  | 50454  | 53202  | 4.18%  | 0.382% |
| 39 | 14.692 | 2140 | 2143 | 2145 | rBV  | 97967  | 91997  | 7.23%  | 0.661% |
| 40 | 15.192 | 2225 | 2228 | 2229 | rBV2 | 45741  | 49720  | 3.91%  | 0.357% |
| 41 | 15.374 | 2255 | 2259 | 2263 | rBV  | 667808 | 758207 | 59.56% | 5.447% |
| 42 | 17.103 | 2551 | 2553 | 2554 | rBV2 | 34765  | 30737  | 2.41%  | 0.221% |
| 43 | 17.762 | 2662 | 2665 | 2669 | rBV6 | 24735  | 44265  | 3.48%  | 0.318% |
| 44 | 17.962 | 2697 | 2699 | 2705 | rBV6 | 27715  | 60197  | 4.73%  | 0.432% |

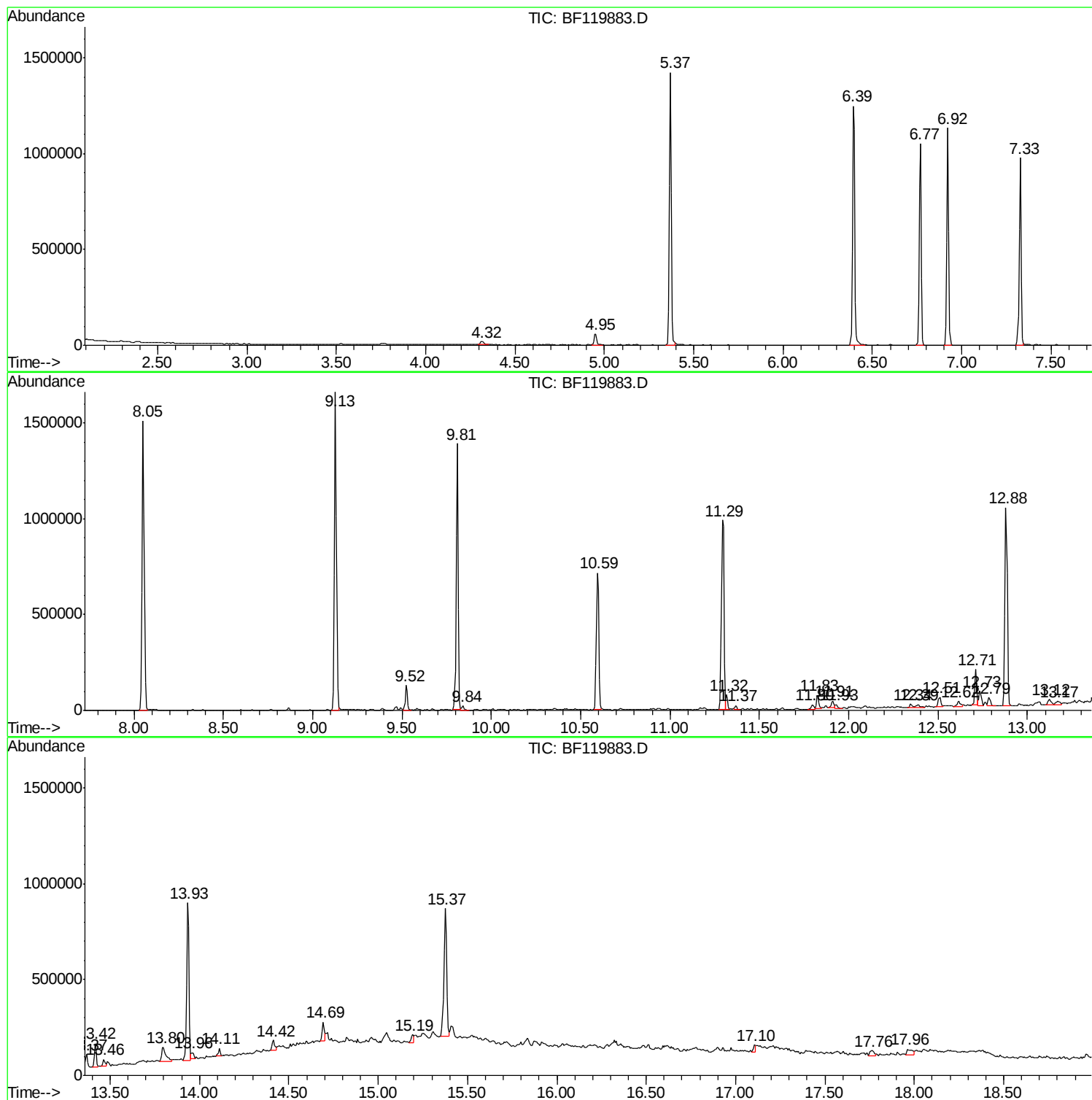
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Instrument :  
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TP-45-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

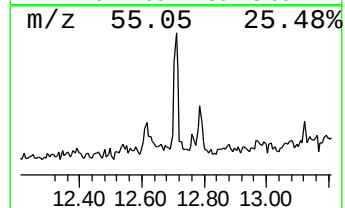
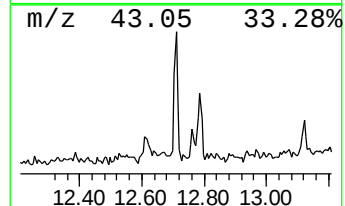
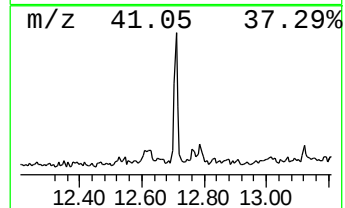
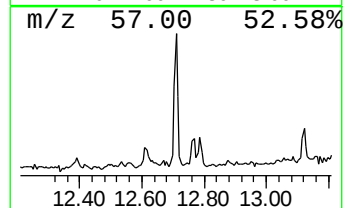
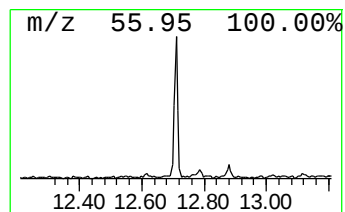
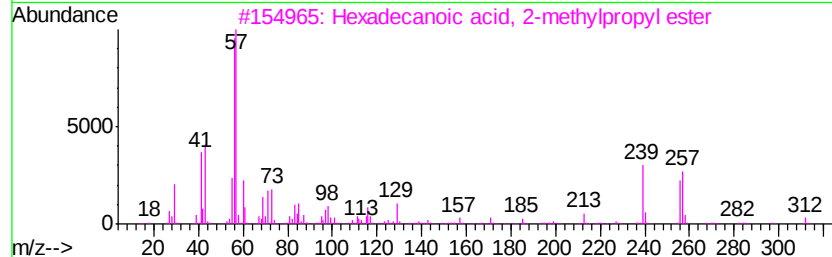
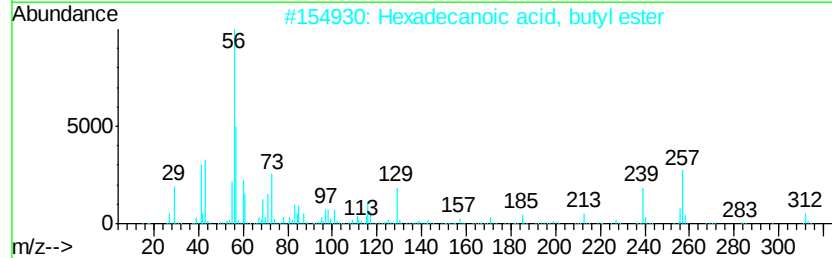
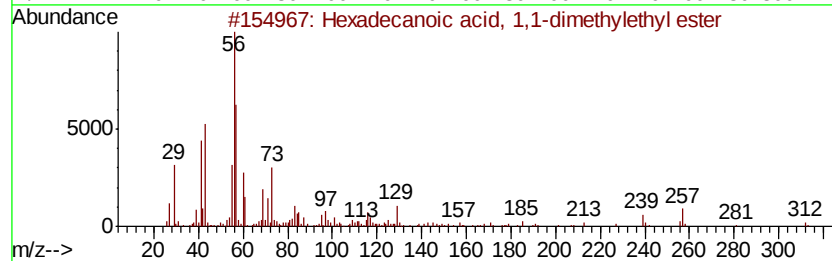
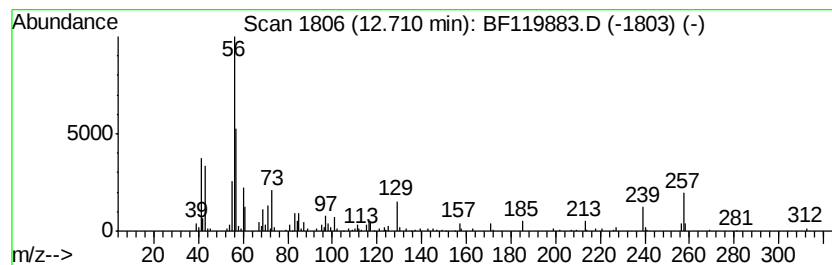
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 2 Hexadecanoic acid, 1,1-dime... Concentration Rank 2

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 12.71 | 3.76 ng | 149992 | Chrysene-d12     | 13.93 |

| Hit# of | 5 | Tentative ID                         | MW  | MolForm  | CAS#        | Qual |
|---------|---|--------------------------------------|-----|----------|-------------|------|
| 1       |   | Hexadecanoic acid, 1,1-dimethyle...  | 312 | C20H40O2 | 031158-91-5 | 95   |
| 2       |   | Hexadecanoic acid, butyl ester       | 312 | C20H40O2 | 000111-06-8 | 78   |
| 3       |   | Hexadecanoic acid, 2-methylpropyl... | 312 | C20H40O2 | 000110-34-9 | 64   |
| 4       |   | Cyclopentanecarboxylic acid, 2-a...  | 129 | C6H11NO2 | 040482-05-1 | 38   |
| 5       |   | Decane, 2,2,3-trimethyl-             | 184 | C13H28   | 062338-09-4 | 35   |



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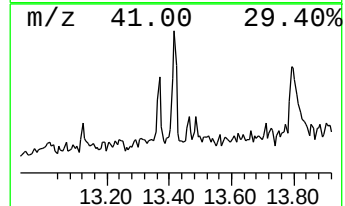
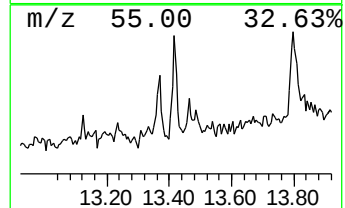
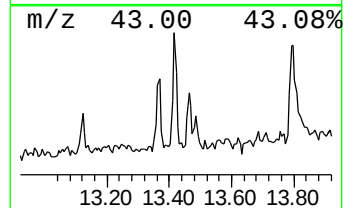
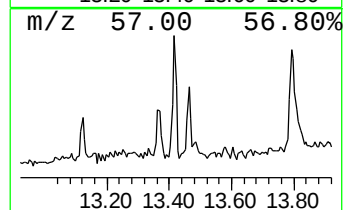
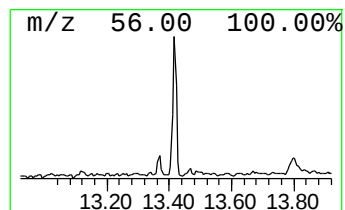
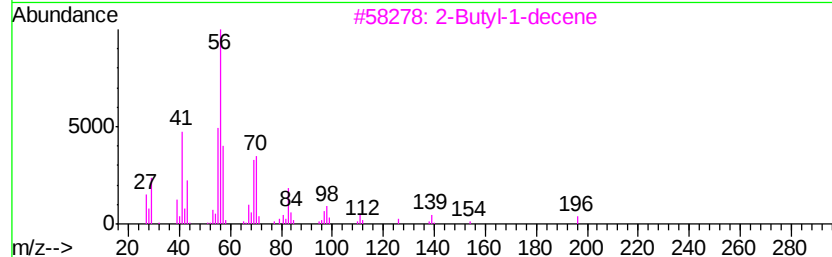
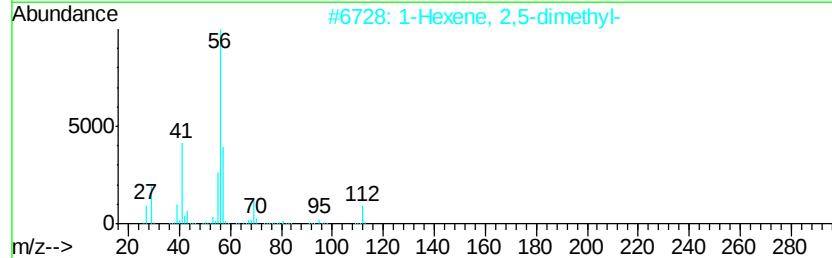
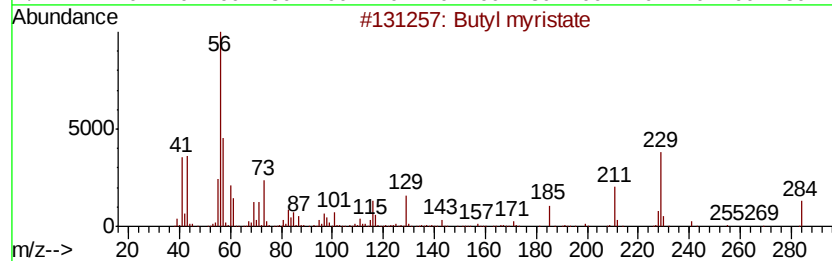
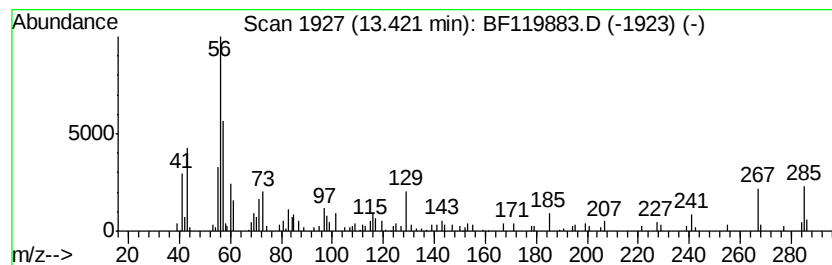
Instrument :  
BNA\_F  
ClientSampleId :  
TP-45-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 3 Butyl myristate Concentration Rank 4

| R.T.    | EstConc                   | Area         | Relative to ISTD | R.T.      |
|---------|---------------------------|--------------|------------------|-----------|
| 13.42   | 2.62 ng                   | 104474       | Chrysene-d12     | 13.93     |
| Hit# of | 5                         | Tentative ID | MW MolForm       | CAS# Qual |
| 1       | Butyl myristate           | 284 C18H36O2 | 000110-36-1      | 64        |
| 2       | 1-Hexene, 2,5-dimethyl-   | 112 C8H16    | 006975-92-4      | 38        |
| 3       | 2-Butyl-1-decene          | 196 C14H28   | 051655-65-3      | 35        |
| 4       | Urea, N,N'-di-2-propenyl- | 140 C7H12N2O | 001801-72-5      | 35        |
| 5       | 2-Methyl-1-octadecene     | 266 C19H38   | 061868-20-0      | 25        |



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Instrument :  
BNA\_F  
ClientSampleId :  
TP-45-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

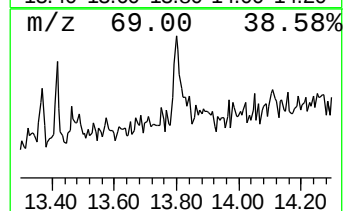
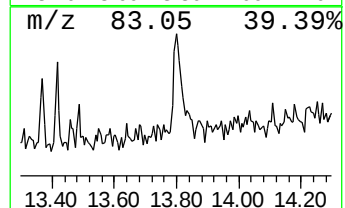
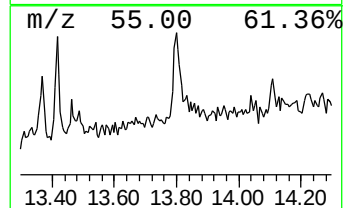
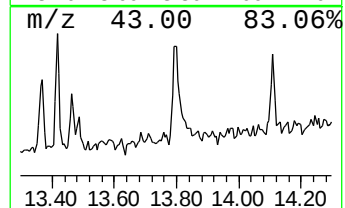
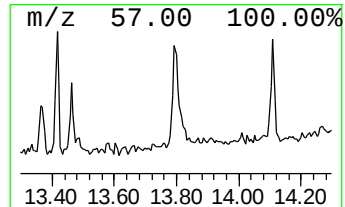
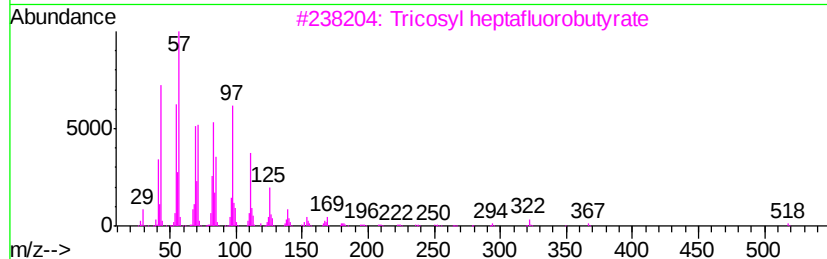
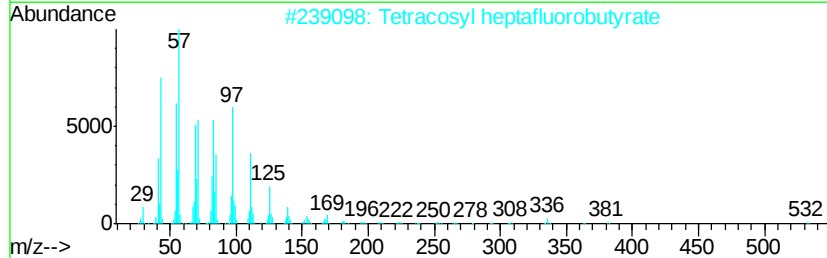
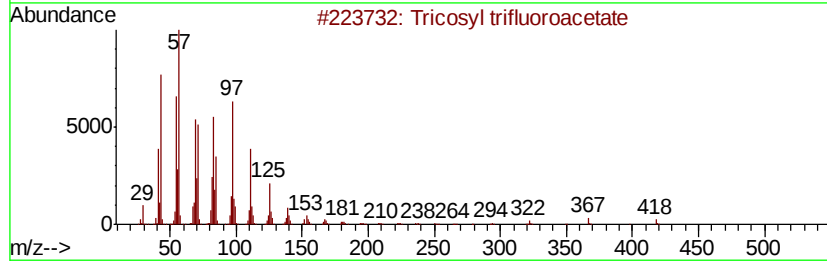
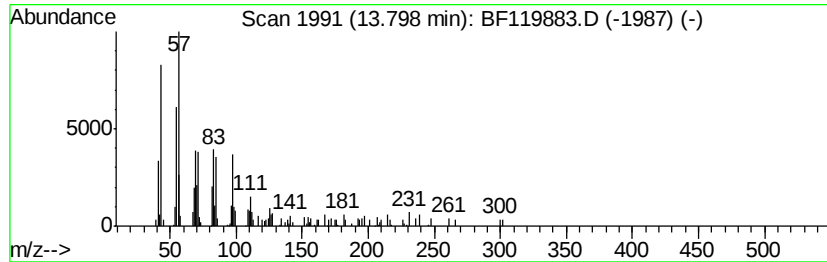
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 4 Tricosyl trifluoroacetate Concentration Rank 3

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 13.80 | 3.38 ng | 134883 | Chrysene-d12     | 13.93 |

| Hit# | of | Tentative ID                    | MW  | MolForm    | CAS#         | Qual |
|------|----|---------------------------------|-----|------------|--------------|------|
| 1    | 5  | Tricosyl trifluoroacetate       | 436 | C25H47F3O2 | 1000351-75-1 | 74   |
| 2    |    | Tetracosyl heptafluorobutyrate  | 550 | C28H49F7O2 | 1000351-83-7 | 74   |
| 3    |    | Tricosyl heptafluorobutyrate    | 536 | C27H47F7O2 | 1000351-83-4 | 74   |
| 4    |    | Heneicosyl heptafluorobutyrate  | 508 | C25H43F7O2 | 1000351-83-8 | 74   |
| 5    |    | Triacetyl pentafluoropropionate | 584 | C33H61F5O2 | 1000351-80-0 | 72   |



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Instrument :  
BNA\_F  
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TP-45-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

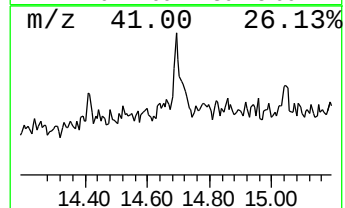
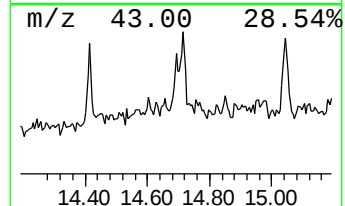
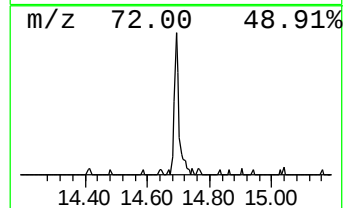
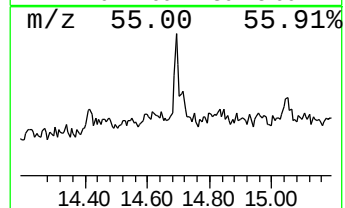
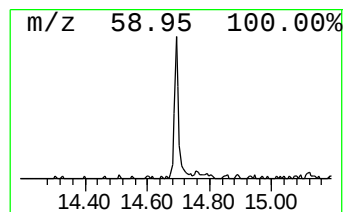
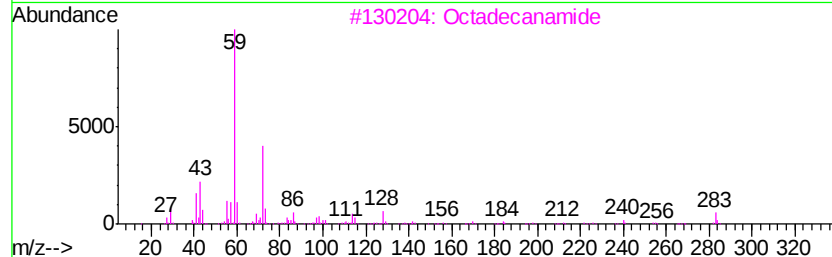
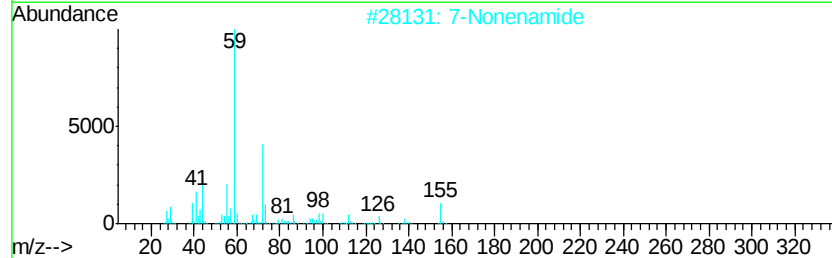
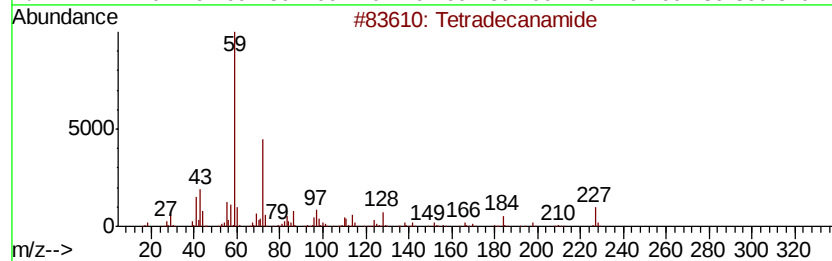
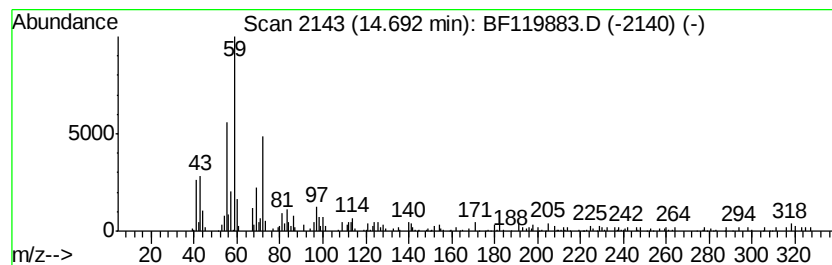
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 5 Tetradecanamide Concentration Rank 5

| R.T.  | EstConc | Area  | Relative to ISTD | R.T.  |
|-------|---------|-------|------------------|-------|
| 14.69 | 2.43 ng | 91997 | Perylene-d12     | 15.37 |

| Hit# of | 5 | Tentative ID                        | MW  | MolForm    | CAS#        | Qual |
|---------|---|-------------------------------------|-----|------------|-------------|------|
| 1       |   | Tetradecanamide                     | 227 | C14H29NO   | 000638-58-4 | 78   |
| 2       |   | 7-Nonenamide                        | 155 | C9H17NO    | 090949-53-4 | 64   |
| 3       |   | Octadecanamide                      | 283 | C18H37NO   | 000124-26-5 | 56   |
| 4       |   | Nonanamide                          | 157 | C9H19NO    | 001120-07-6 | 50   |
| 5       |   | Benzeneethanamine, 2-fluoro-.bet... | 229 | C11H16FN03 | 061338-98-5 | 50   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA\_F\DATA\BF040820\  
Data File : BF119883.D  
Acq On : 9 Apr 2020 21:26  
Operator : MA/SJ  
Sample : L2166-19 5X  
Misc :  
ALS Vial : 47 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TP-45-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF040820.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 |
| Hexadecanoic acid... | 12.71 | 3.8     | ng    | 149992   | 5                     | 13.93 | 798299 | 20.0 |
| Butyl myristate      | 13.42 | 2.6     | ng    | 104474   | 5                     | 13.93 | 798299 | 20.0 |
| Tricosyl trifluor... | 13.80 | 3.4     | ng    | 134883   | 5                     | 13.93 | 798299 | 20.0 |
| Tetradecanamide      | 14.69 | 2.4     | ng    | 91997    | 6                     | 15.37 | 758207 | 20.0 |