

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_F\DATA\BF100220\  
 Data File : BF121799.D  
 Acq On : 2 Oct 2020 17:43  
 Operator : JU/CG  
 Sample : L3865-01  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 NB-08-093020

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-BF091020.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         | 4.981       | 489           | 492         | 498          | rBV      | 42011          | 52706         | 1.91%           | 0.202%        |
| 2         | 5.387       | 557           | 561         | 576          | rBV      | 2764151        | 2616803       | 94.98%          | 10.040%       |
| 3         | 6.404       | 729           | 734         | 737          | rBV      | 2689591        | 2632156       | 95.53%          | 10.099%       |
| 4         | 6.598       | 763           | 767         | 777          | rBV      | 93502          | 117479        | 4.26%           | 0.451%        |
| 5         | 6.763       | 791           | 795         | 798          | rBV      | 1099450        | 881655        | 32.00%          | 3.383%        |
| 6         | 7.328       | 886           | 891         | 894          | rBV      | 1942275        | 1823748       | 66.19%          | 6.997%        |
| 7         | 8.045       | 1008          | 1013        | 1021         | rBV      | 1325151        | 1136269       | 41.24%          | 4.360%        |
| 8         | 9.122       | 1190          | 1196        | 1199         | rBV      | 3335306        | 2755223       | 100.00%         | 10.571%       |
| 9         | 9.239       | 1211          | 1216        | 1219         | rVB2     | 34814          | 35606         | 1.29%           | 0.137%        |
| 10        | 9.457       | 1249          | 1253        | 1256         | rVB      | 256556         | 241690        | 8.77%           | 0.927%        |
| 11        | 9.516       | 1256          | 1263        | 1267         | rBV      | 451742         | 374107        | 13.58%          | 1.435%        |
| 12        | 9.663       | 1282          | 1288        | 1292         | rVB3     | 41443          | 58635         | 2.13%           | 0.225%        |
| 13        | 9.769       | 1303          | 1306        | 1308         | rBV      | 146227         | 132770        | 4.82%           | 0.509%        |
| 14        | 9.798       | 1308          | 1311        | 1314         | rVB      | 1411123        | 1138981       | 41.34%          | 4.370%        |
| 15        | 9.922       | 1327          | 1332        | 1335         | rVB      | 36809          | 32508         | 1.18%           | 0.125%        |
| 16        | 10.586      | 1437          | 1445        | 1450         | rBV      | 1729737        | 1531083       | 55.57%          | 5.874%        |
| 17        | 11.280      | 1559          | 1563        | 1566         | rBV      | 1154074        | 1043645       | 37.88%          | 4.004%        |
| 18        | 11.304      | 1566          | 1567        | 1570         | rVV      | 316373         | 187065        | 6.79%           | 0.718%        |
| 19        | 11.357      | 1574          | 1576        | 1579         | rVB      | 74914          | 57306         | 2.08%           | 0.220%        |
| 20        | 11.516      | 1597          | 1603        | 1610         | rBV      | 24488          | 31738         | 1.15%           | 0.122%        |
| 21        | 11.674      | 1627          | 1630        | 1636         | rVB2     | 55649          | 45568         | 1.65%           | 0.175%        |
| 22        | 11.780      | 1645          | 1648        | 1651         | rBV      | 36356          | 34356         | 1.25%           | 0.132%        |
| 23        | 11.810      | 1651          | 1653        | 1657         | rVV      | 56680          | 45029         | 1.63%           | 0.173%        |
| 24        | 11.892      | 1664          | 1667        | 1670         | rBV      | 61671          | 63117         | 2.29%           | 0.242%        |
| 25        | 12.363      | 1744          | 1747        | 1748         | rBV2     | 81083          | 78686         | 2.86%           | 0.302%        |
| 26        | 12.380      | 1748          | 1750        | 1754         | rVB3     | 89837          | 77321         | 2.81%           | 0.297%        |
| 27        | 12.492      | 1766          | 1769        | 1773         | rVB      | 472436         | 375919        | 13.64%          | 1.442%        |
| 28        | 12.721      | 1802          | 1808        | 1811         | rBV      | 374316         | 359472        | 13.05%          | 1.379%        |
| 29        | 12.868      | 1826          | 1833        | 1836         | rBV      | 2113138        | 1972531       | 71.59%          | 7.568%        |
| 30        | 12.945      | 1840          | 1846        | 1848         | rBV2     | 24391          | 42097         | 1.53%           | 0.162%        |
| 31        | 13.051      | 1861          | 1864        | 1866         | rVB      | 48049          | 43120         | 1.57%           | 0.165%        |
| 32        | 13.098      | 1866          | 1872        | 1873         | rBV3     | 28741          | 37040         | 1.34%           | 0.142%        |
| 33        | 13.116      | 1873          | 1875        | 1877         | rVB      | 47638          | 33898         | 1.23%           | 0.130%        |
| 34        | 13.627      | 1958          | 1962        | 1965         | rBV      | 953027         | 758045        | 27.51%          | 2.908%        |

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ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
NB-08-093020

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-BF091020.M  
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|    |        |      |      |      |      |        |         |        |        |
|----|--------|------|------|------|------|--------|---------|--------|--------|
| 35 | 13.768 | 1982 | 1986 | 1996 | rBV  | 367407 | 543249  | 19.72% | 2.084% |
| 36 | 13.915 | 2004 | 2011 | 2014 | rBV2 | 918067 | 1085654 | 39.40% | 4.165% |
| 37 | 13.945 | 2014 | 2016 | 2023 | rVB  | 182561 | 161286  | 5.85%  | 0.619% |
| 38 | 14.204 | 2058 | 2060 | 2064 | rBV2 | 33352  | 33971   | 1.23%  | 0.130% |
| 39 | 14.386 | 2088 | 2091 | 2093 | rBV  | 88771  | 97058   | 3.52%  | 0.372% |
| 40 | 14.410 | 2093 | 2095 | 2100 | rVB2 | 85156  | 127156  | 4.62%  | 0.488% |
| 41 | 14.827 | 2163 | 2166 | 2170 | rBV  | 137575 | 121461  | 4.41%  | 0.466% |
| 42 | 14.939 | 2182 | 2185 | 2188 | rBV  | 185631 | 244018  | 8.86%  | 0.936% |
| 43 | 15.010 | 2194 | 2197 | 2201 | rBV  | 290783 | 303350  | 11.01% | 1.164% |
| 44 | 15.051 | 2201 | 2204 | 2214 | rBV4 | 47020  | 109008  | 3.96%  | 0.418% |
| 45 | 15.233 | 2232 | 2235 | 2241 | rVB  | 103990 | 113511  | 4.12%  | 0.436% |
| 46 | 15.292 | 2242 | 2245 | 2250 | rVB  | 159100 | 173955  | 6.31%  | 0.667% |
| 47 | 15.357 | 2251 | 2256 | 2267 | rBV  | 699490 | 905495  | 32.86% | 3.474% |
| 48 | 15.568 | 2288 | 2292 | 2296 | rBV  | 125987 | 185637  | 6.74%  | 0.712% |
| 49 | 15.792 | 2326 | 2330 | 2338 | rVB  | 269031 | 377660  | 13.71% | 1.449% |
| 50 | 15.868 | 2338 | 2343 | 2352 | rBV7 | 67997  | 217706  | 7.90%  | 0.835% |
| 51 | 16.551 | 2456 | 2459 | 2466 | rVB3 | 67552  | 122319  | 4.44%  | 0.469% |
| 52 | 16.762 | 2491 | 2495 | 2502 | rVB2 | 99026  | 176631  | 6.41%  | 0.678% |
| 53 | 17.186 | 2563 | 2567 | 2573 | rVB  | 65670  | 116972  | 4.25%  | 0.449% |

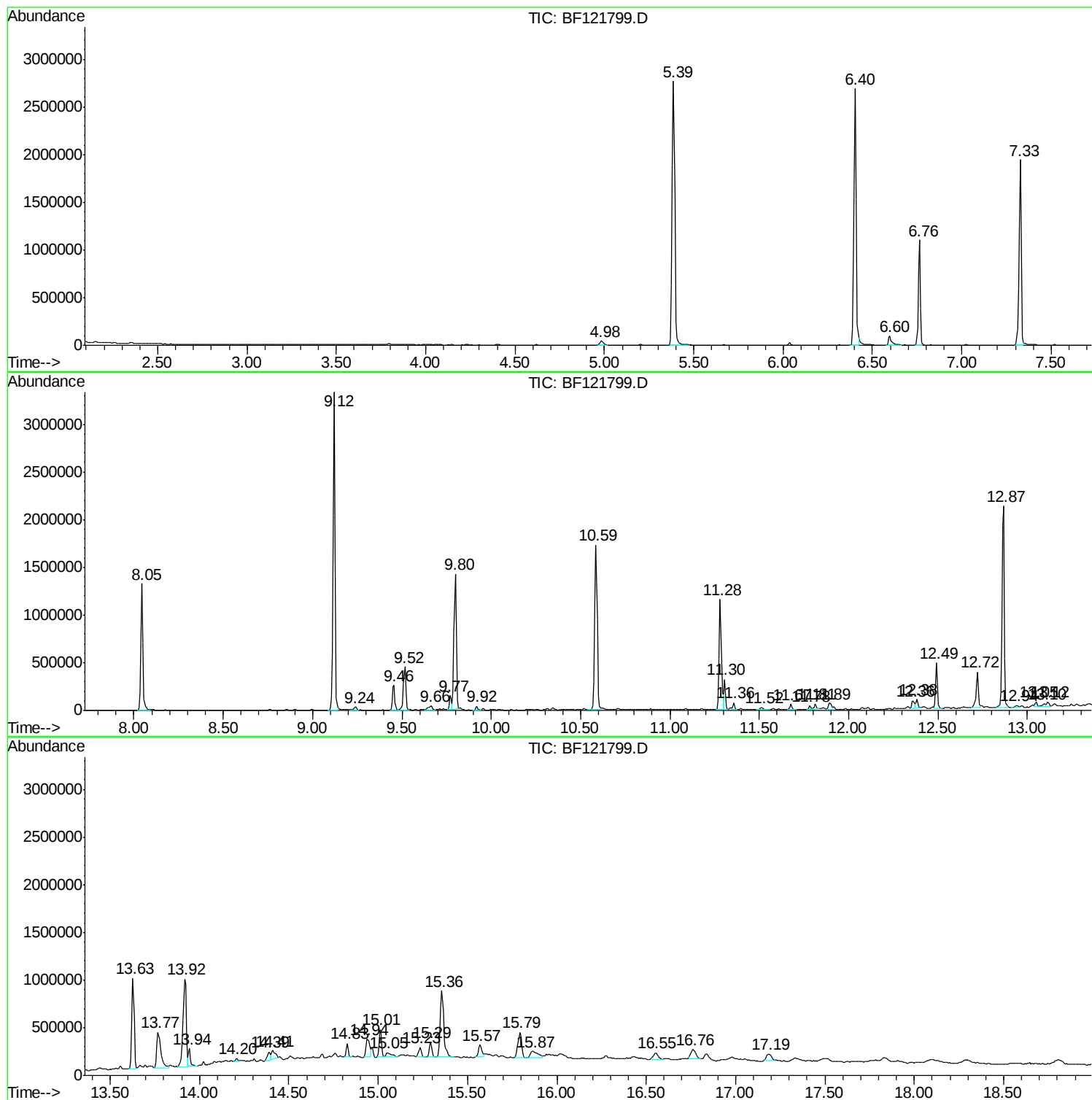
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100220\  
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 Sample : L3865-01  
 Misc :  
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Instrument :  
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

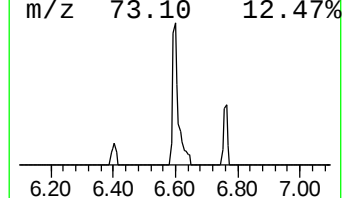
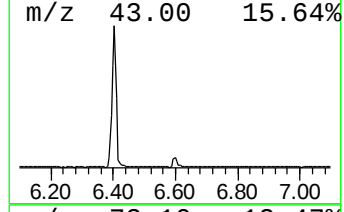
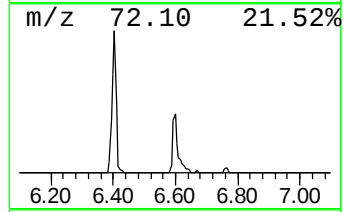
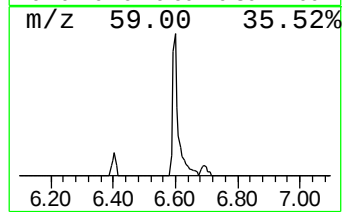
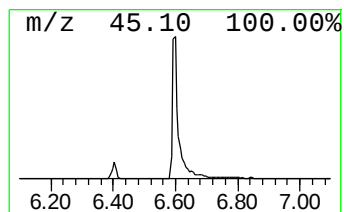
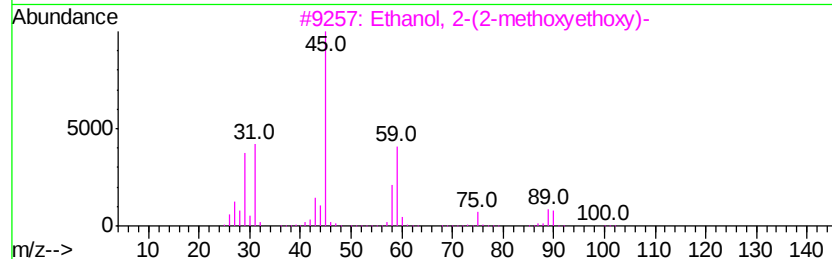
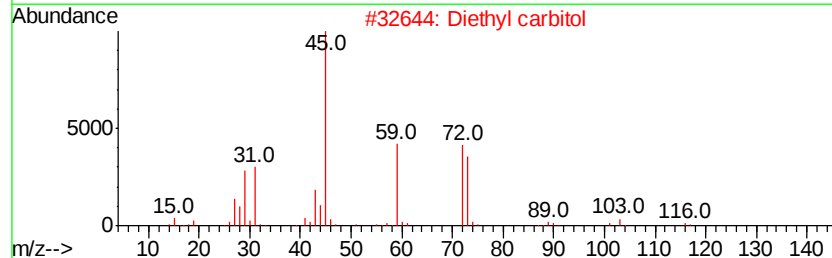
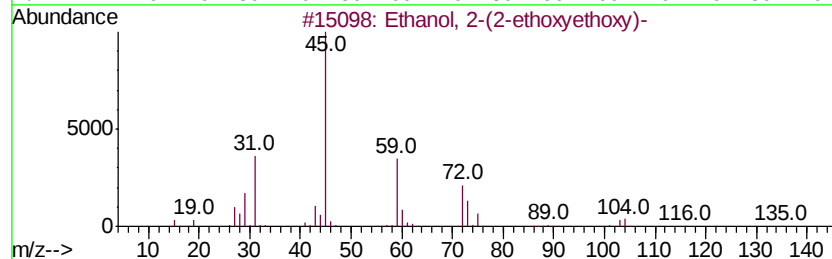
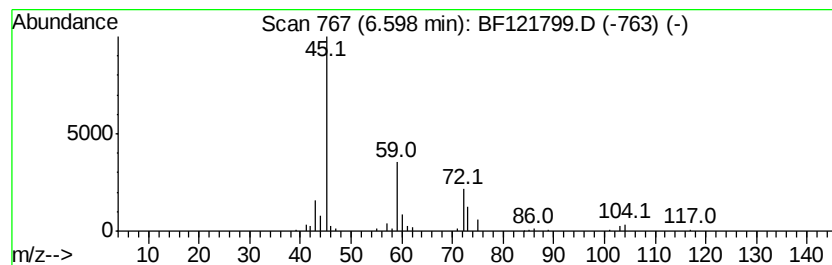
TIC Library : C:\DATABASE\NIST11.L  
 TIC Integration Parameters: LSCINT.P

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 Peak Number 1 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 9

| R.T. | EstConc | Area   | Relative to ISTD       | R.T. |
|------|---------|--------|------------------------|------|
| 6.60 | 2.66 ng | 117479 | 1,4-Dichlorobenzene-d4 | 6.76 |

| Hit# | of | Tentative ID                         | MW  | MolForm | CAS#        | Qual |
|------|----|--------------------------------------|-----|---------|-------------|------|
| 1    | 5  | Ethanol, 2-(2-ethoxyethoxy)-         | 134 | C6H14O3 | 000111-90-0 | 83   |
| 2    |    | Diethyl carbitol                     | 162 | C8H18O3 | 000112-36-7 | 78   |
| 3    |    | Ethanol, 2-(2-methoxyethoxy)-        | 120 | C5H12O3 | 000111-77-3 | 42   |
| 4    |    | 2-Propanol, 1-(1-methylethoxy)-      | 118 | C6H14O2 | 003944-36-3 | 38   |
| 5    |    | Ethanol, 2-[2-(2-ethoxyethoxy)et...] | 178 | C8H18O4 | 000112-50-5 | 37   |



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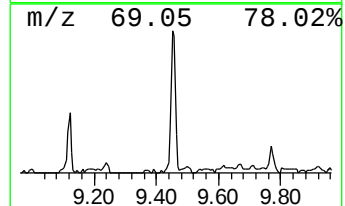
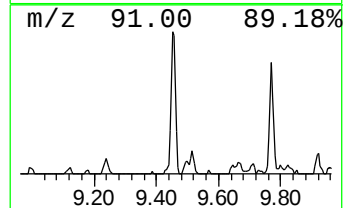
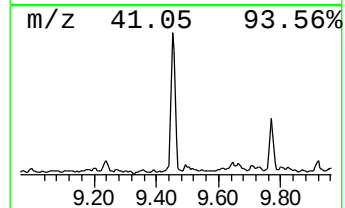
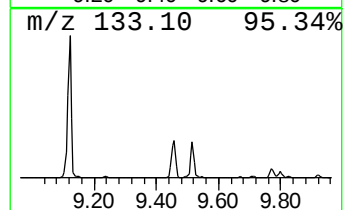
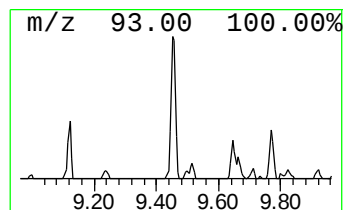
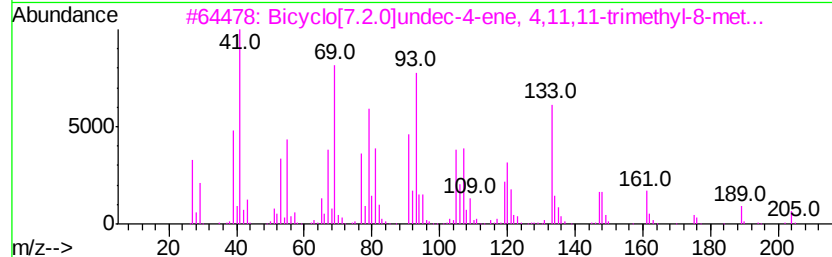
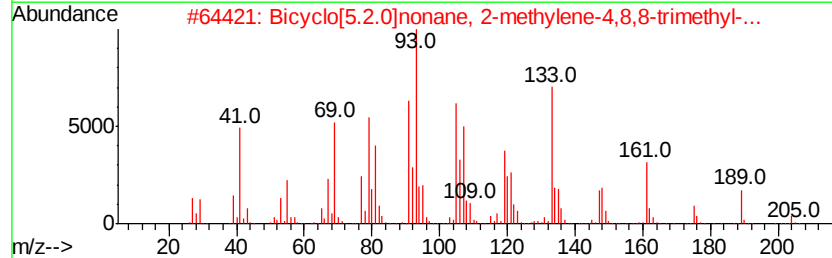
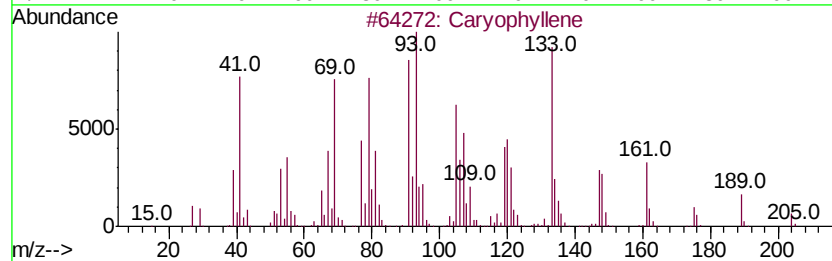
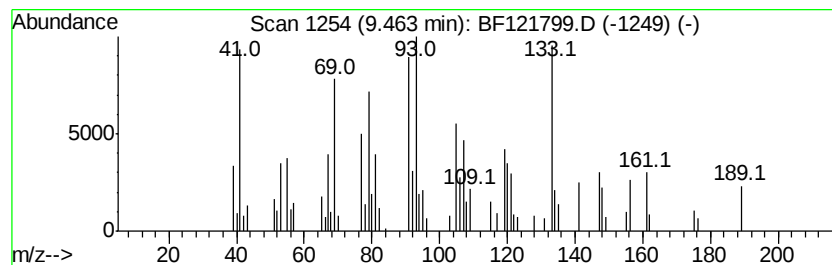
Instrument :  
BNA\_F  
ClientSampled :  
NB-08-093020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.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 Caryophyllene Concentration Rank 5

| R.T.    | EstConc | Area                                | Relative to ISTD | R.T.           |
|---------|---------|-------------------------------------|------------------|----------------|
| 9.46    | 4.24 ng | 241690                              | Acenaphthene-d10 | 9.80           |
| Hit# of | 5       | Tentative ID                        | MW MolForm       | CAS# Qual      |
| 1       |         | Caryophyllene                       | 204 C15H24       | 000087-44-5 99 |
| 2       |         | Bicyclo[5.2.0]nonane, 2-methylen... | 204 C15H24       | 242794-76-9 95 |
| 3       |         | Bicyclo[7.2.0]undec-4-ene, 4,11,... | 204 C15H24       | 000118-65-0 90 |
| 4       |         | Bicyclo[7.2.0]undec-4-ene, 4,11,... | 204 C15H24       | 013877-93-5 83 |
| 5       |         | Alloaromadendrene                   | 204 C15H24       | 025246-27-9 46 |



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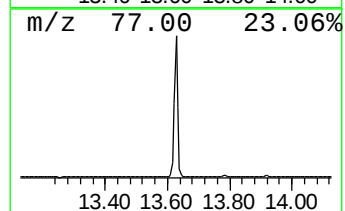
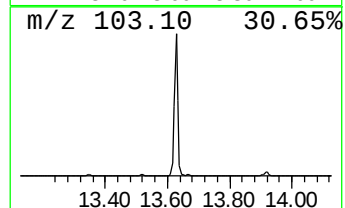
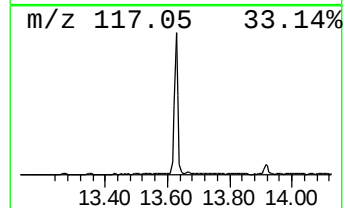
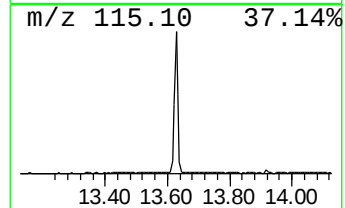
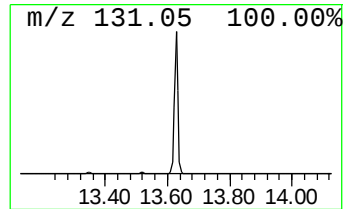
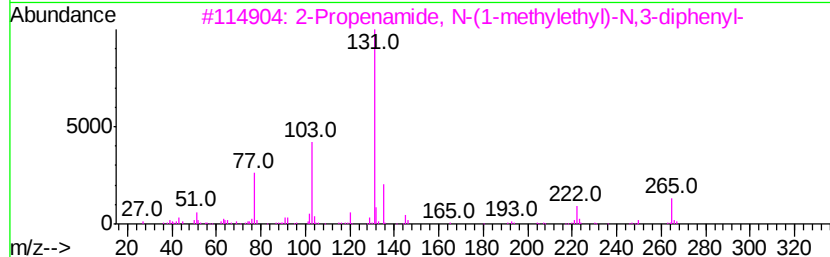
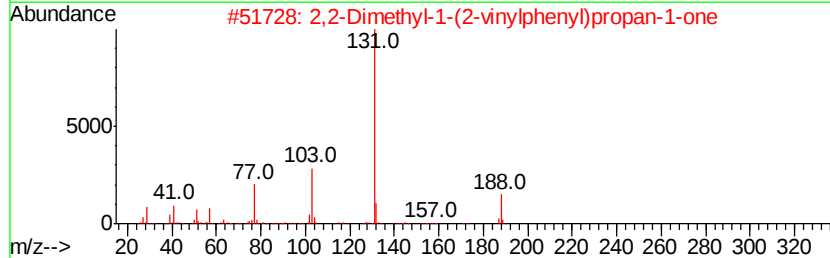
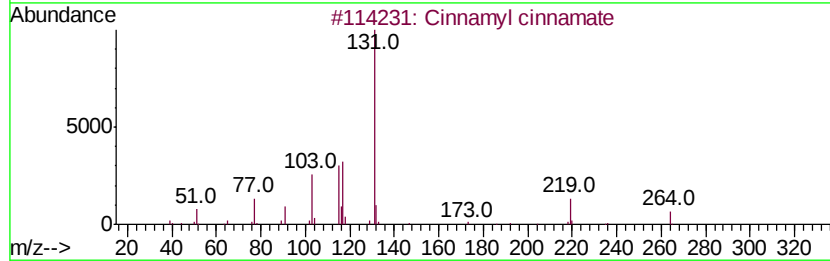
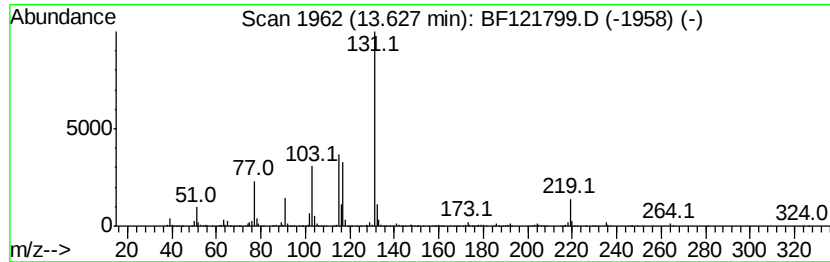
Instrument :  
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ClientSampleId :  
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 3 Cinnamyl cinnamate Concentration Rank 1

| R.T.      | EstConc                             | Area   | Relative to ISTD | R.T.         |      |
|-----------|-------------------------------------|--------|------------------|--------------|------|
| 13.63     | 13.96 ng                            | 758045 | Chrysene-d12     | 13.92        |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm          | CAS#         | Qual |
| 1         | Cinnamyl cinnamate                  | 264    | C18H16O2         | 000122-69-0  | 87   |
| 2         | 2,2-Dimethyl-1-(2-vinylphenyl)pr... | 188    | C13H16O          | 1000210-99-9 | 52   |
| 3         | 2-Propenamide, N-(1-methylethyl)... | 265    | C18H19NO         | 055044-37-6  | 50   |
| 4         | 1-Penten-3-one, 4,4-dimethyl-1-p... | 188    | C13H16O          | 000538-44-3  | 50   |
| 5         | Vinyl trans-cinnamate               | 174    | C11H10O2         | 017719-70-9  | 50   |



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ALS Vial : 14 Sample Multiplier: 1

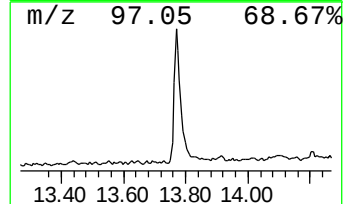
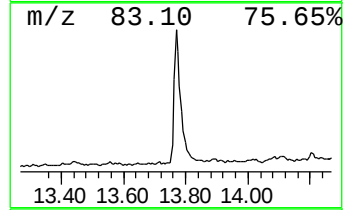
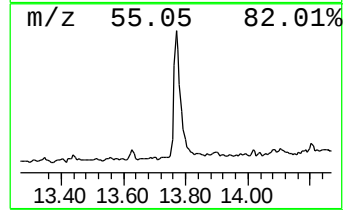
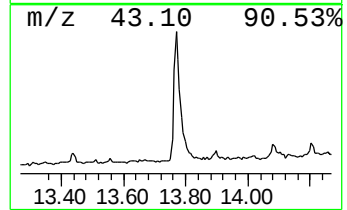
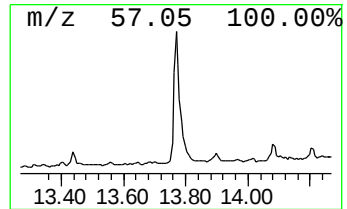
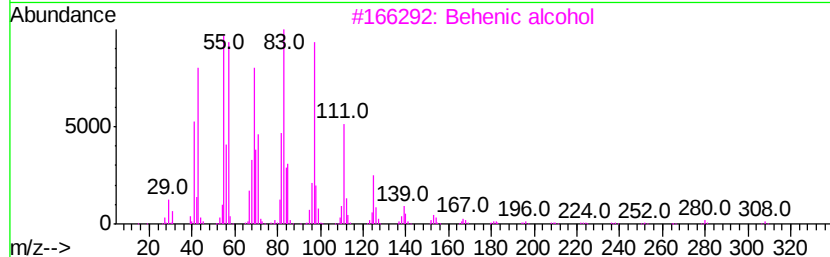
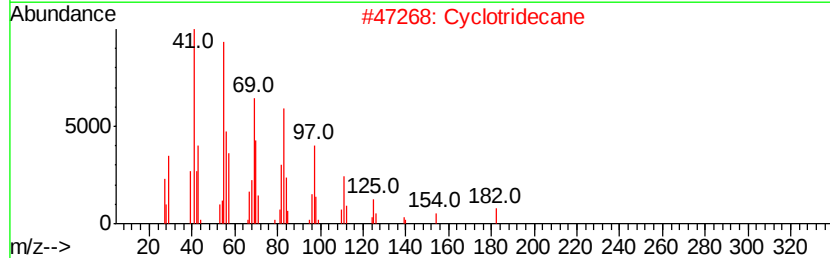
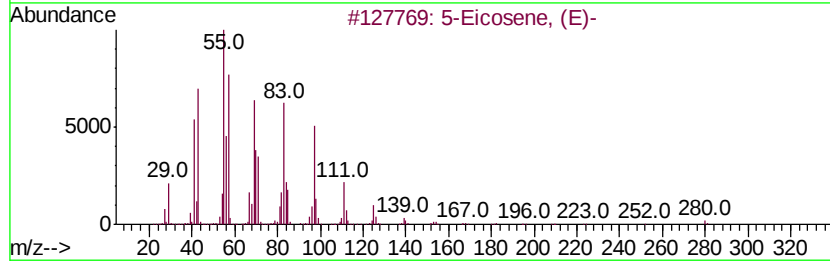
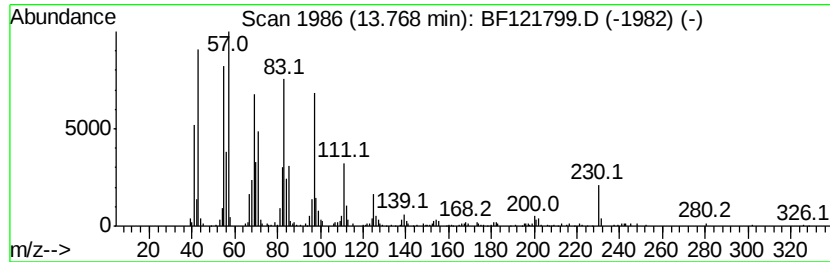
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BNA\_F  
ClientSampleId :  
NB-08-093020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 4 5-Eicosene, (E)- Concentration Rank 2

| R.T.    | EstConc                        | Area         | Relative to ISTD |            | R.T.        |      |
|---------|--------------------------------|--------------|------------------|------------|-------------|------|
| 13.77   | 10.01 ng                       | 543249       | Chrysene-d12     |            | 13.92       |      |
| Hit# of | 5                              | Tentative ID | MW               | MolForm    | CAS#        | Qual |
| 1       | 5-Eicosene, (E)-               |              | 280              | C20H40     | 074685-30-6 | 98   |
| 2       | Cyclotridecane                 |              | 182              | C13H26     | 000295-02-3 | 95   |
| 3       | Behenic alcohol                |              | 326              | C22H46O    | 000661-19-8 | 93   |
| 4       | 1-Heneicosanol                 |              | 312              | C21H44O    | 015594-90-8 | 93   |
| 5       | Heptadecyl heptafluorobutyrate |              | 452              | C21H35F7O2 | 959085-66-6 | 93   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100220\  
Data File : BF121799.D  
Acq On : 2 Oct 2020 17:43  
Operator : JU/CG  
Sample : L3865-01  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
NB-08-093020

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

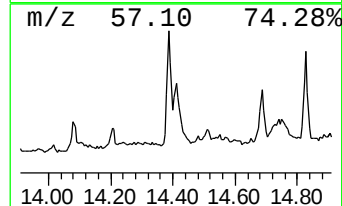
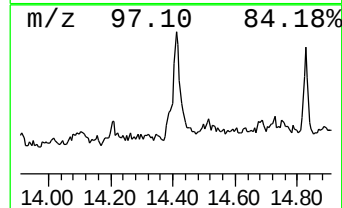
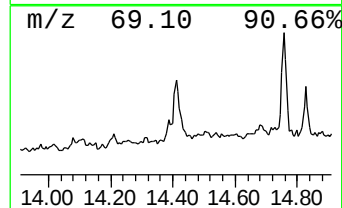
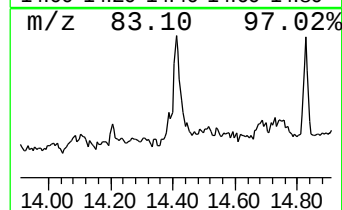
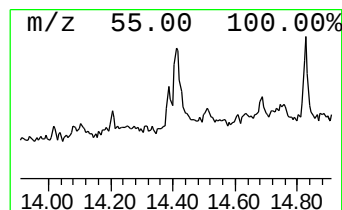
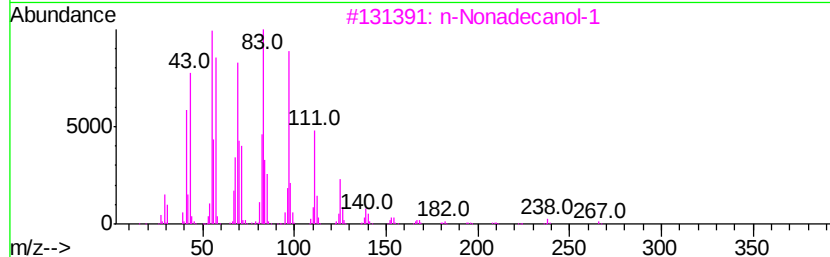
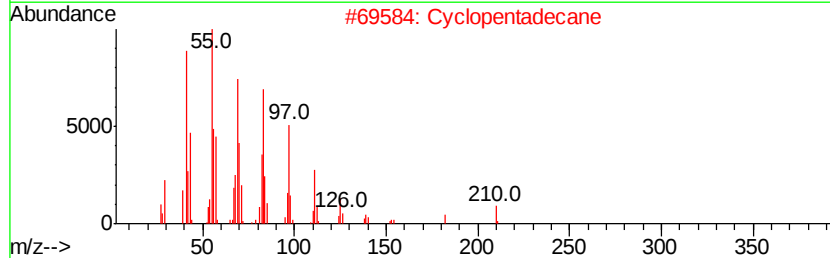
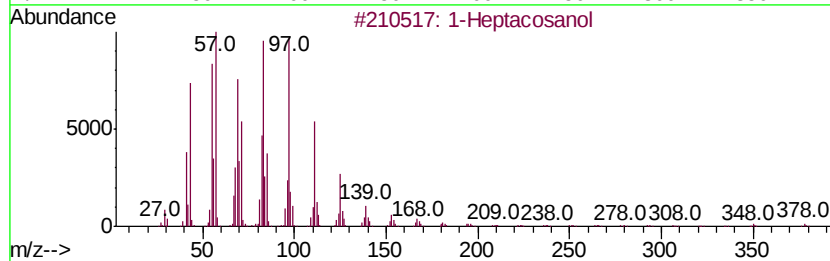
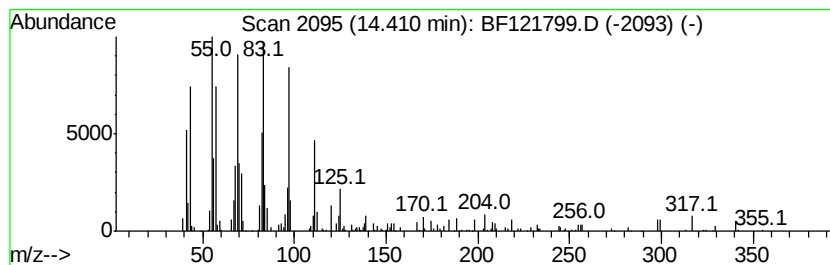
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TIC Integration Parameters: LSCINT.P

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Peak Number 5 1-Heptacosanol Concentration Rank 12

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 14.41 | 2.34 ng | 127156 | Chrysene-d12     | 13.92 |

| Hit# of | 5 | Tentative ID     | MW  | MolForm | CAS#        | Qual |
|---------|---|------------------|-----|---------|-------------|------|
| 1       |   | 1-Heptacosanol   | 396 | C27H56O | 002004-39-9 | 91   |
| 2       |   | Cyclopentadecane | 210 | C15H30  | 000295-48-7 | 89   |
| 3       |   | n-Nonadecanol-1  | 284 | C19H40O | 001454-84-8 | 70   |
| 4       |   | 1-Heneicosanol   | 312 | C21H44O | 015594-90-8 | 70   |
| 5       |   | Behenic alcohol  | 326 | C22H46O | 000661-19-8 | 53   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100220\  
Data File : BF121799.D  
Acq On : 2 Oct 2020 17:43  
Operator : JU/CG  
Sample : L3865-01  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
NB-08-093020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

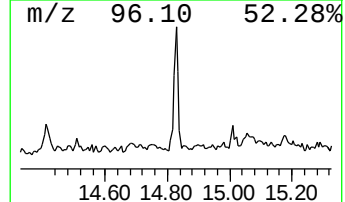
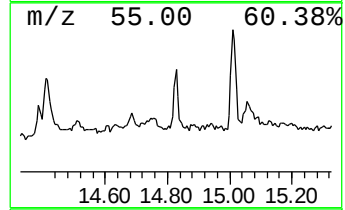
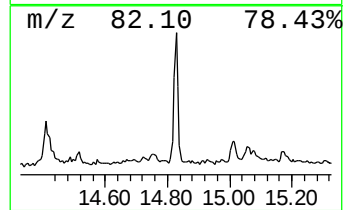
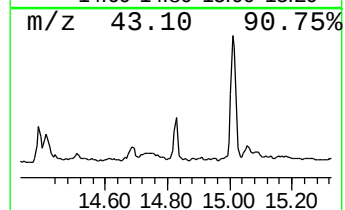
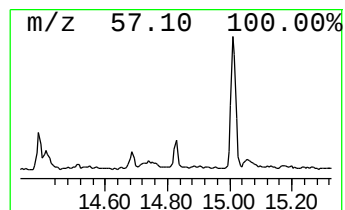
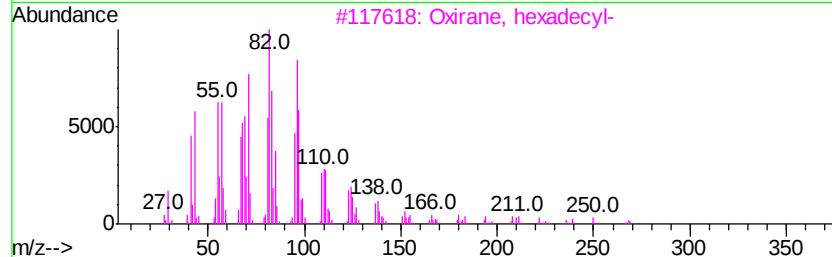
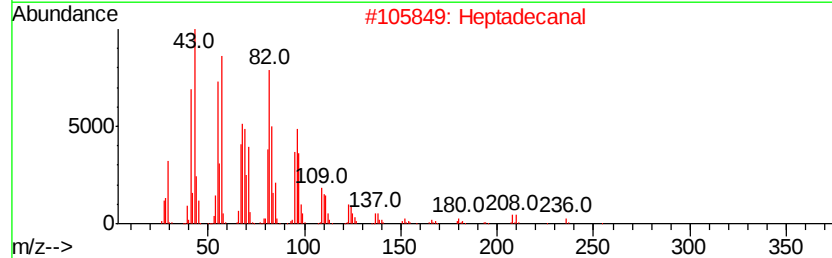
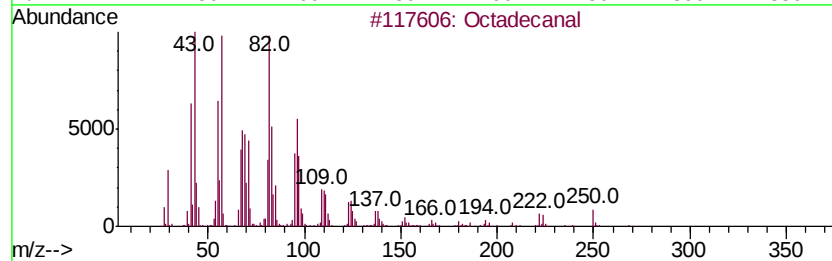
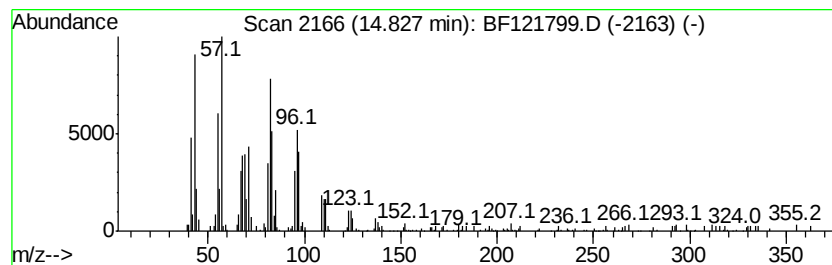
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 6 Octadecanal Concentration Rank 8

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 14.83 | 2.68 ng | 121461 | Perylene-d12     | 15.36 |

| Hit# of | 5                    | Tentative ID | MW  | MolForm | CAS#         | Qual |
|---------|----------------------|--------------|-----|---------|--------------|------|
| 1       | Octadecanal          |              | 268 | C18H36O | 000638-66-4  | 91   |
| 2       | Heptadecanal         |              | 254 | C17H34O | 1000376-70-0 | 90   |
| 3       | Oxirane, hexadecyl-  |              | 268 | C18H36O | 007390-81-0  | 90   |
| 4       | Hexadecanal          |              | 240 | C16H32O | 000629-80-1  | 86   |
| 5       | Oxirane, heptadecyl- |              | 282 | C19H38O | 067860-04-2  | 83   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100220\  
Data File : BF121799.D  
Acq On : 2 Oct 2020 17:43  
Operator : JU/CG  
Sample : L3865-01  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
NB-08-093020

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

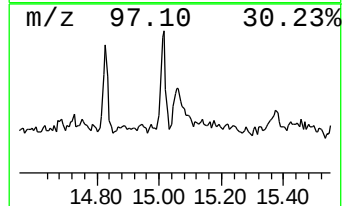
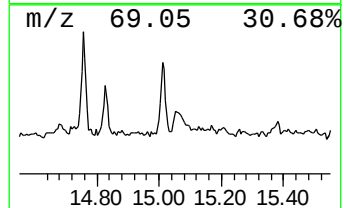
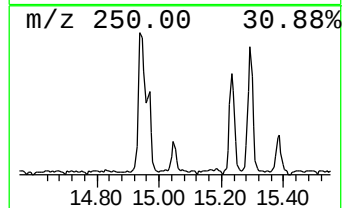
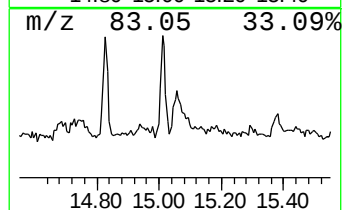
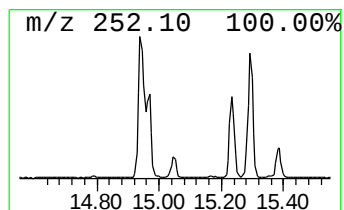
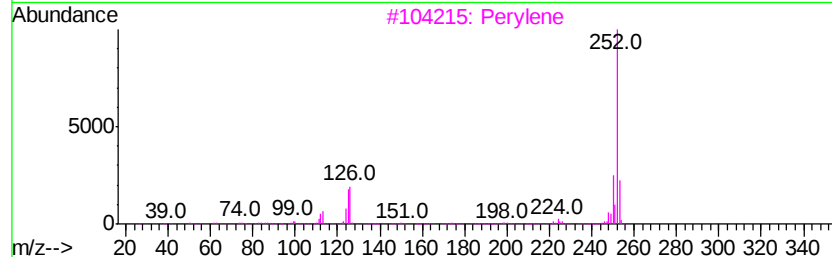
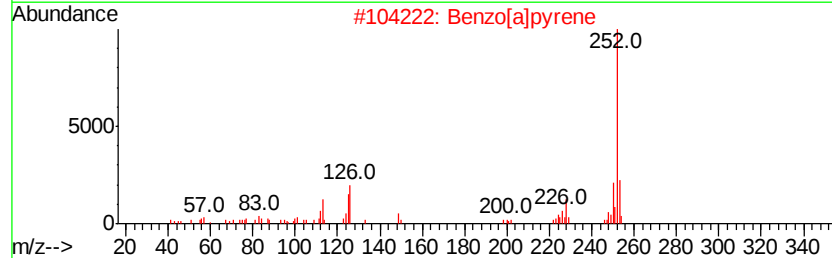
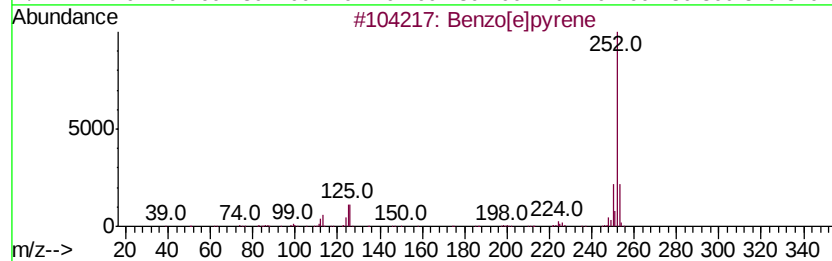
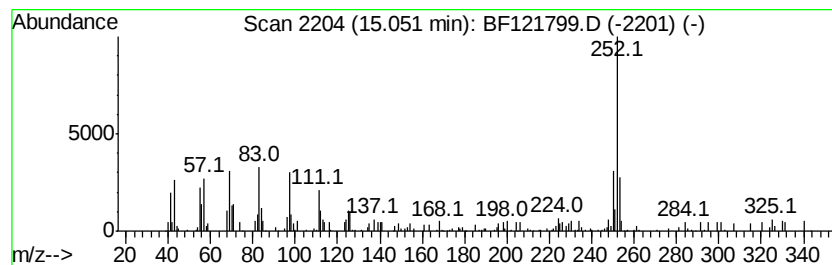
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 7 Benzo[e]pyrene Concentration Rank 11

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 15.05 | 2.41 ng | 109008 | Perylene-d12     | 15.36 |

| Hit# | of | Tentative ID             | MW  | MolForm | CAS#        | Qual |
|------|----|--------------------------|-----|---------|-------------|------|
| 1    | 5  | Benzo[e]pyrene           | 252 | C20H12  | 000192-97-2 | 60   |
| 2    |    | Benzo[a]pyrene           | 252 | C20H12  | 000050-32-8 | 55   |
| 3    |    | Perylene                 | 252 | C20H12  | 000198-55-0 | 53   |
| 4    |    | Benzo[il]fluoranthene    | 252 | C20H12  | 000205-82-3 | 49   |
| 5    |    | Benz[e]acephenanthrylene | 252 | C20H12  | 000205-99-2 | 49   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100220\  
Data File : BF121799.D  
Acq On : 2 Oct 2020 17:43  
Operator : JU/CG  
Sample : L3865-01  
Misc :  
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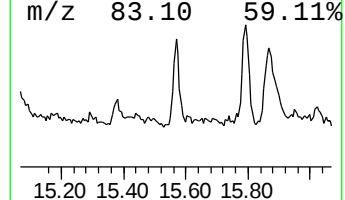
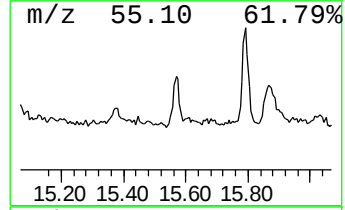
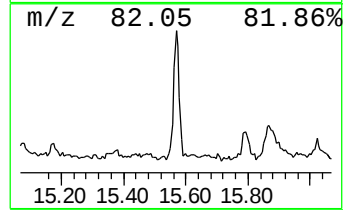
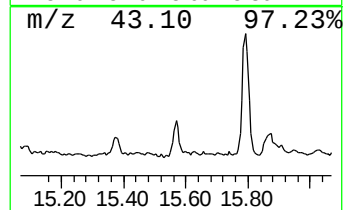
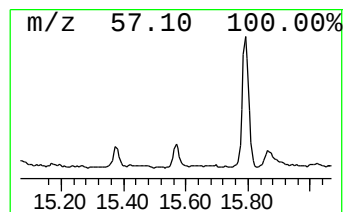
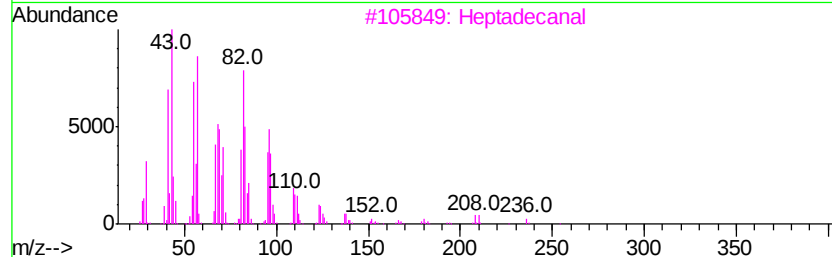
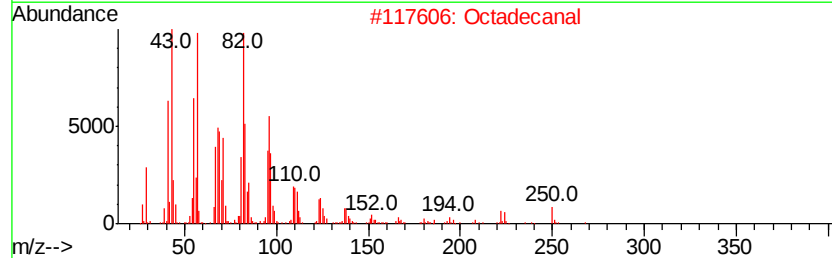
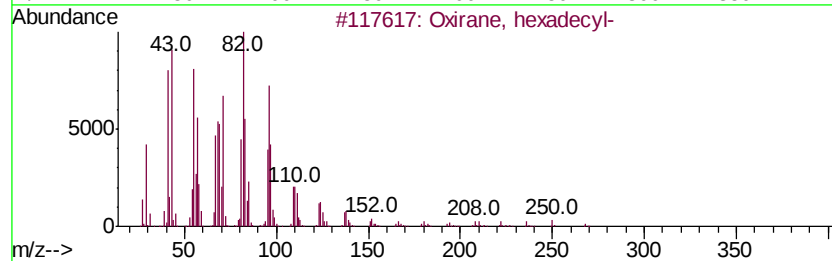
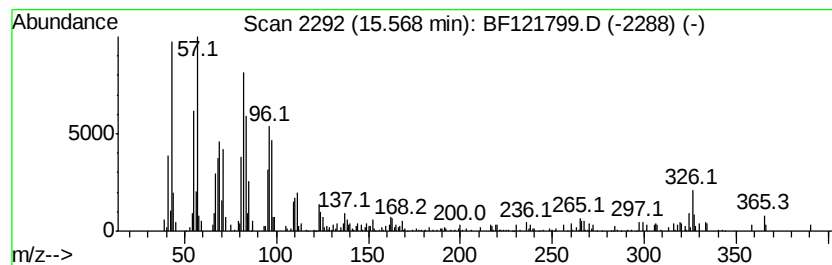
Instrument :  
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ClientSampleId :  
NB-08-093020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.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 Oxirane, hexadecyl- Concentration Rank 6

| R.T.    | EstConc | Area                | Relative to ISTD |          | R.T.         |      |
|---------|---------|---------------------|------------------|----------|--------------|------|
| 15.57   | 4.10 ng | 185637              | Perylene-d12     |          | 15.36        |      |
| Hit# of | 5       | Tentative ID        | MW               | MolForm  | CAS#         | Qual |
| 1       |         | Oxirane, hexadecyl- | 268              | C18H36O  | 007390-81-0  | 93   |
| 2       |         | Octadecanal         | 268              | C18H36O  | 000638-66-4  | 93   |
| 3       |         | Heptadecanal        | 254              | C17H34O  | 1000376-70-0 | 80   |
| 4       |         | 1,16-Hexadecanediol | 258              | C16H34O2 | 007735-42-4  | 53   |
| 5       |         | 1,19-Eicosadiene    | 278              | C20H38   | 014811-95-1  | 53   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100220\  
Data File : BF121799.D  
Acq On : 2 Oct 2020 17:43  
Operator : JU/CG  
Sample : L3865-01  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
NB-08-093020

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

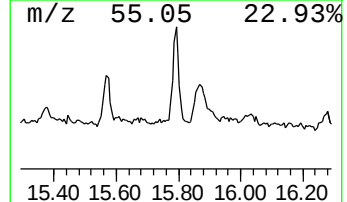
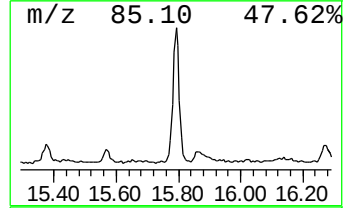
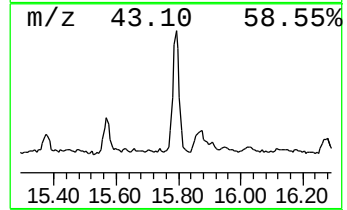
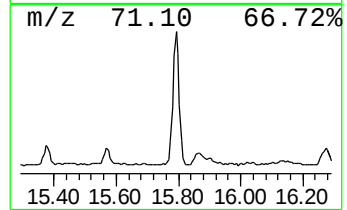
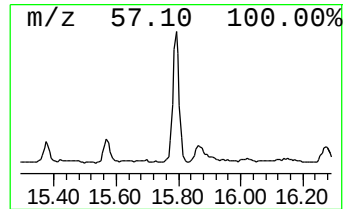
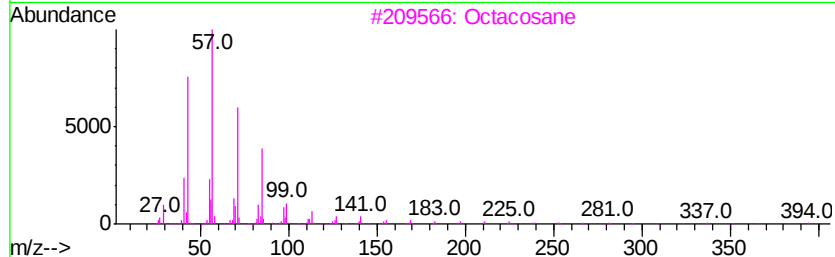
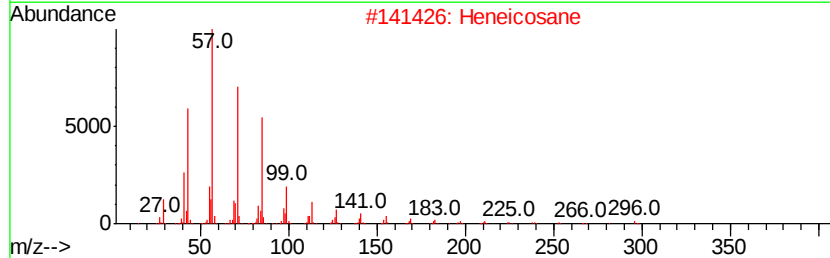
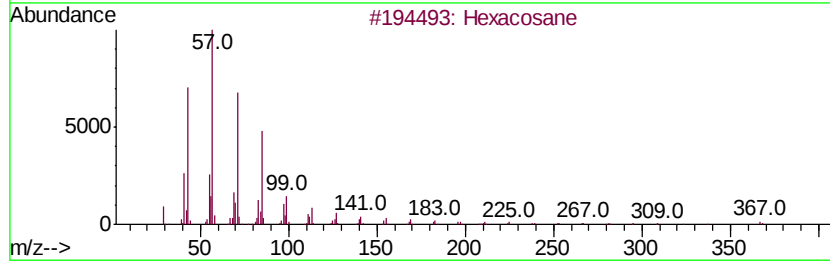
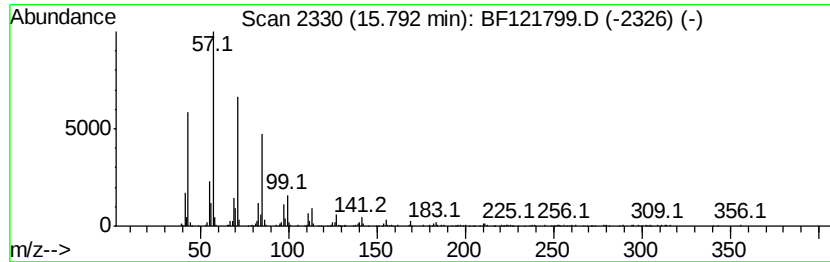
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 10 Hexacosane Concentration Rank 3

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 15.79 | 8.34 ng | 377660 | Perylene-d12     | 15.36 |

| Hit# | of | Tentative ID       | MW  | MolForm | CAS#         | Qual |
|------|----|--------------------|-----|---------|--------------|------|
| 1    | 5  | Hexacosane         | 366 | C26H54  | 000630-01-3  | 91   |
| 2    |    | Heneicosane        | 296 | C21H44  | 000629-94-7  | 91   |
| 3    |    | Octacosane         | 394 | C28H58  | 000630-02-4  | 91   |
| 4    |    | triacontane        | 422 | C30H62  | 000638-68-6  | 91   |
| 5    |    | 2-methyloctacosane | 408 | C29H60  | 1000376-72-8 | 91   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100220\  
Data File : BF121799.D  
Acq On : 2 Oct 2020 17:43  
Operator : JU/CG  
Sample : L3865-01  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
NB-08-093020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

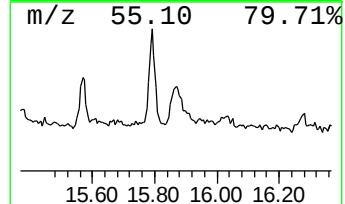
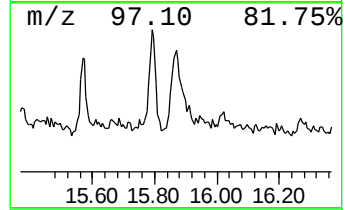
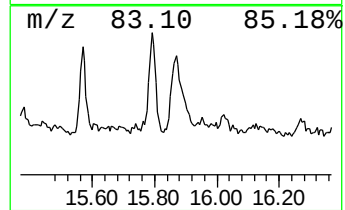
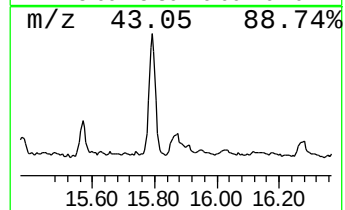
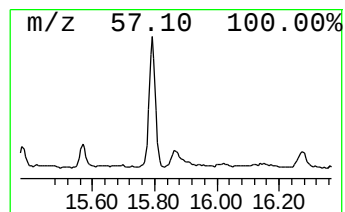
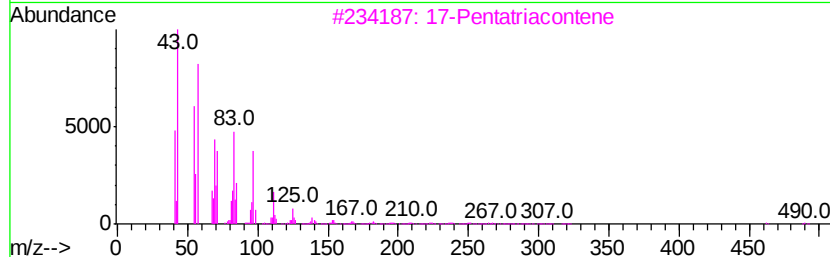
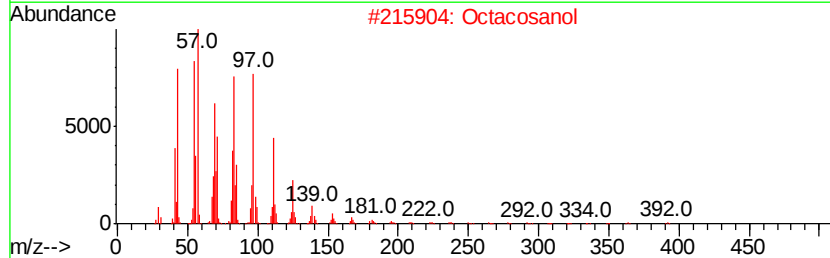
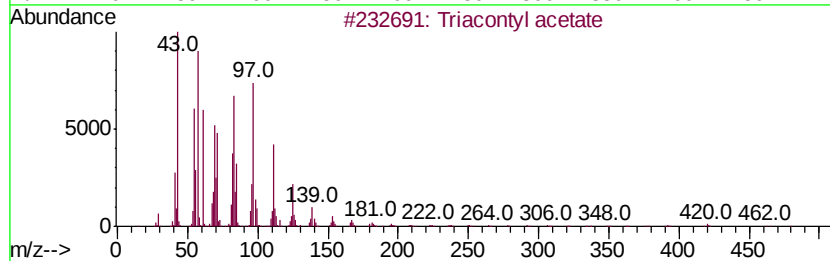
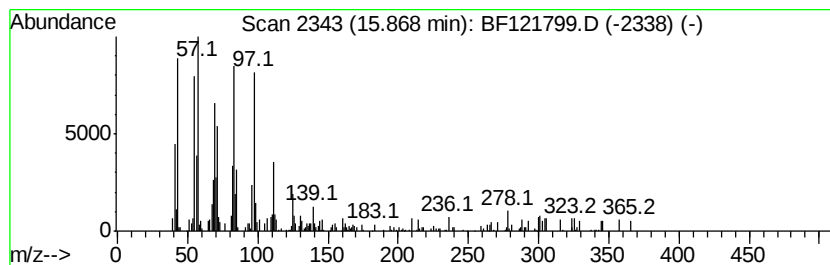
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 11 Triacontyl acetate Concentration Rank 4

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 15.87 | 4.81 ng | 217706 | Perylene-d12     | 15.36 |

| Hit# | of | 5 | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|---------------------|-----|----------|-------------|------|
| 1    |    |   | Triacontyl acetate  | 480 | C32H64O2 | 041755-58-2 | 93   |
| 2    |    |   | Octacosanol         | 410 | C28H58O  | 000557-61-9 | 91   |
| 3    |    |   | 17-Pentatriacontene | 491 | C35H70   | 006971-40-0 | 91   |
| 4    |    |   | Octacosyl acetate   | 452 | C30H60O2 | 018206-97-8 | 90   |
| 5    |    |   | 1-Heptacosanol      | 396 | C27H56O  | 002004-39-9 | 90   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100220\  
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Sample : L3865-01  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
NB-08-093020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

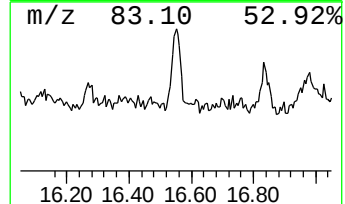
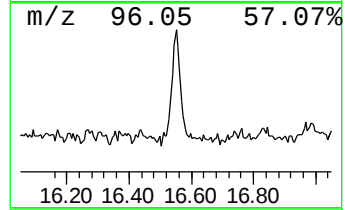
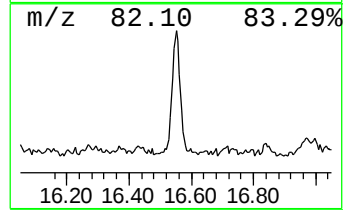
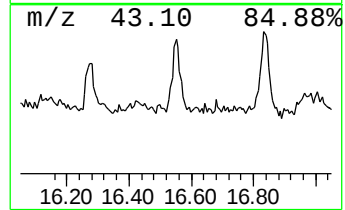
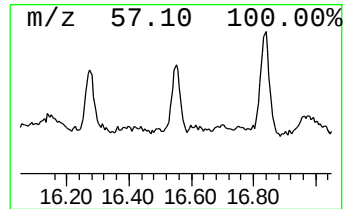
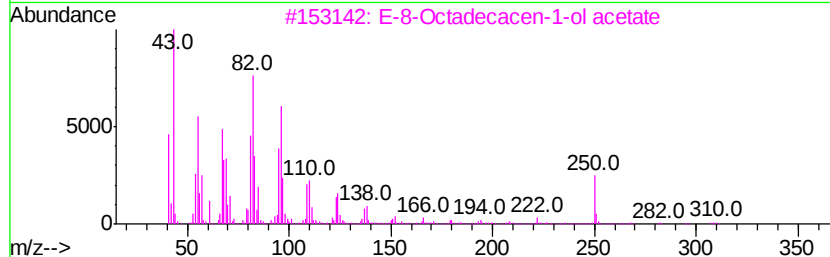
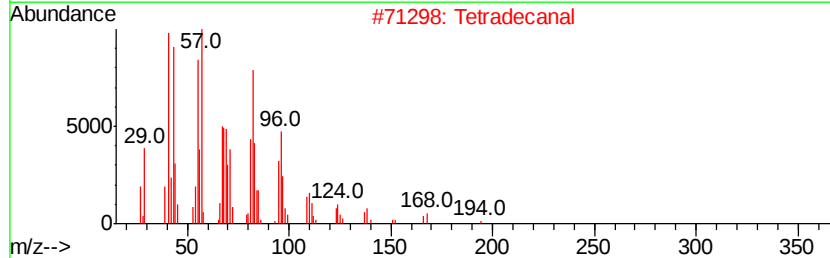
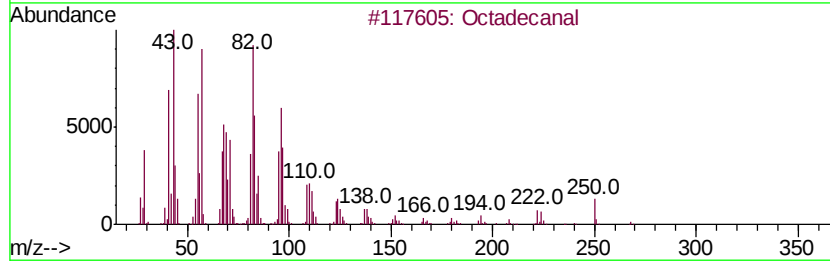
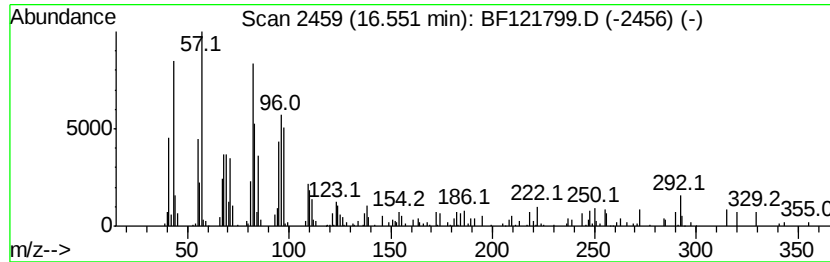
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 12 Tetradecanal Concentration Rank 7

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 16.55 | 2.70 ng | 122319 | Perylene-d12     | 15.36 |

| Hit# | of | Tentative ID                 | MW  | MolForm  | CAS#         | Qual |
|------|----|------------------------------|-----|----------|--------------|------|
| 1    | 5  | Octadecanal                  | 268 | C18H36O  | 000638-66-4  | 74   |
| 2    |    | Tetradecanal                 | 212 | C14H28O  | 000124-25-4  | 59   |
| 3    |    | E-8-Octadecacen-1-ol acetate | 310 | C20H38O2 | 002195-90-6  | 59   |
| 4    |    | E-6-Octadecen-1-ol acetate   | 310 | C20H38O2 | 1000130-94-7 | 58   |
| 5    |    | Oleyl alcohol, methyl ether  | 282 | C19H38O  | 1000352-68-0 | 58   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA\_F\DATA\BF100220\  
 Data File : BF121799.D  
 Acq On : 2 Oct 2020 17:43  
 Operator : JU/CG  
 Sample : L3865-01  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 NB-08-093020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF091020.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 |
| Ethanol, 2-(2-eth... | 6.60  | 2.7     | ng    | 117479   | 1                     | 6.76  | 881655  | 20.0 |
| Caryophyllene        | 9.46  | 4.2     | ng    | 241690   | 3                     | 9.80  | 1138980 | 20.0 |
| Cinnamyl cinnamate   | 13.63 | 14.0    | ng    | 758045   | 5                     | 13.92 | 1085650 | 20.0 |
| 5-Eicosene, (E)-     | 13.77 | 10.0    | ng    | 543249   | 5                     | 13.92 | 1085650 | 20.0 |
| 1-Heptacosanol       | 14.41 | 2.3     | ng    | 127156   | 5                     | 13.92 | 1085650 | 20.0 |
| Octadecanal          | 14.83 | 2.7     | ng    | 121461   | 6                     | 15.36 | 905495  | 20.0 |
| Benzo[e]pyrene       | 15.05 | 2.4     | ng    | 109008   | 6                     | 15.36 | 905495  | 20.0 |
| Oxirane, hexadecyl-  | 15.57 | 4.1     | ng    | 185637   | 6                     | 15.36 | 905495  | 20.0 |
| Hexacosane           | 15.79 | 8.3     | ng    | 377660   | 6                     | 15.36 | 905495  | 20.0 |
| Triacetyl acetate    | 15.87 | 4.8     | ng    | 217706   | 6                     | 15.36 | 905495  | 20.0 |
| Tetradecanal         | 16.55 | 2.7     | ng    | 122319   | 6                     | 15.36 | 905495  | 20.0 |