

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101717\  
 Data File : BM012272.D  
 Acq On : 18 Oct 2017 05:22  
 Operator : SJ/JU  
 Sample : I5664-13  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0B76

## Integration Parameters: LSCINT.P

Integrator: RTE  
 Smoothing : OFF  
 Sampling : 1  
 Start Thrs: 0.2  
 Stop Thrs : 0

Filtering: 5  
 Min Area: 1 % of largest Peak  
 Max Peaks: 100  
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
 Peak separation: 5

Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM101217.M  
 Title : SVOA CALIBRATION

Signal : TIC

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|--------|----------|------------|----------|-----------|-------|-------------|------------|--------------|------------|
| 1      | 6.957    | 651        | 658      | 676       | rVB2  | 854931      | 1797674    | 9.26%        | 2.022%     |
| 2      | 7.116    | 676        | 685      | 699       | rBV   | 627290      | 1024503    | 5.28%        | 1.152%     |
| 3      | 7.316    | 712        | 719      | 727       | rBV   | 824307      | 1432781    | 7.38%        | 1.612%     |
| 4      | 7.786    | 793        | 799      | 807       | rBV   | 834816      | 1401431    | 7.22%        | 1.576%     |
| 5      | 8.498    | 914        | 920      | 932       | rBV   | 783013      | 1395605    | 7.19%        | 1.570%     |
| 6      | 8.880    | 975        | 985      | 991       | rBV   | 116683      | 195227     | 1.01%        | 0.220%     |
| 7      | 8.951    | 991        | 997      | 1013      | rVV   | 605086      | 1095792    | 5.64%        | 1.233%     |
| 8      | 9.675    | 1113       | 1120     | 1130      | rBV   | 555982      | 1003921    | 5.17%        | 1.129%     |
| 9      | 10.216   | 1205       | 1212     | 1220      | rBV   | 833361      | 1570229    | 8.09%        | 1.766%     |
| 10     | 10.586   | 1268       | 1275     | 1281      | rBV   | 887845      | 1569661    | 8.08%        | 1.766%     |
| 11     | 10.733   | 1293       | 1300     | 1315      | rBV   | 619464      | 1241578    | 6.39%        | 1.396%     |
| 12     | 11.904   | 1493       | 1499     | 1509      | rBV   | 242568      | 433897     | 2.23%        | 0.488%     |
| 13     | 12.410   | 1573       | 1585     | 1599      | rBV2  | 116634      | 490737     | 2.53%        | 0.552%     |
| 14     | 13.845   | 1820       | 1829     | 1833      | rBV   | 1770050     | 2525649    | 13.01%       | 2.841%     |
| 15     | 13.892   | 1833       | 1837     | 1851      | rVB   | 1639346     | 2326696    | 11.98%       | 2.617%     |
| 16     | 14.133   | 1871       | 1878     | 1888      | rVB   | 1974365     | 2944203    | 15.16%       | 3.312%     |
| 17     | 14.439   | 1923       | 1930     | 1938      | rBV2  | 1510429     | 2275093    | 11.72%       | 2.559%     |
| 18     | 14.674   | 1964       | 1970     | 1988      | rBV   | 293368      | 732718     | 3.77%        | 0.824%     |
| 19     | 15.257   | 2065       | 2069     | 2074      | rVB   | 171673      | 243555     | 1.25%        | 0.274%     |
| 20     | 15.433   | 2090       | 2099     | 2110      | rBV   | 2638798     | 3812185    | 19.63%       | 4.288%     |
| 21     | 15.580   | 2119       | 2124     | 2135      | rBV   | 278965      | 502729     | 2.59%        | 0.565%     |
| 22     | 15.798   | 2155       | 2161     | 2170      | rBV   | 1758876     | 2461903    | 12.68%       | 2.769%     |
| 23     | 17.186   | 2391       | 2397     | 2402      | rBV2  | 2013551     | 2881905    | 14.84%       | 3.241%     |
| 24     | 17.286   | 2408       | 2414     | 2422      | rBV   | 2746265     | 3981697    | 20.50%       | 4.479%     |
| 25     | 18.009   | 2533       | 2537     | 2542      | rBV2  | 124066      | 202779     | 1.04%        | 0.228%     |
| 26     | 18.068   | 2542       | 2547     | 2553      | rBV   | 981742      | 1322143    | 6.81%        | 1.487%     |
| 27     | 19.345   | 2760       | 2764     | 2768      | rBV   | 618583      | 812659     | 4.18%        | 0.914%     |
| 28     | 19.580   | 2799       | 2804     | 2816      | rBV   | 3196017     | 4751292    | 24.47%       | 5.344%     |
| 29     | 20.497   | 2955       | 2960     | 2965      | rVB   | 4056924     | 4425194    | 22.79%       | 4.977%     |
| 30     | 21.056   | 3051       | 3055     | 3059      | rVB   | 842601      | 952022     | 4.90%        | 1.071%     |
| 31     | 21.268   | 3083       | 3091     | 3097      | rBV   | 17505026    | 19418397   | 100.00%      | 21.841%    |
| 32     | 21.368   | 3104       | 3108     | 3113      | rBV   | 2729793     | 3580605    | 18.44%       | 4.027%     |
| 33     | 21.891   | 3193       | 3197     | 3201      | rBV   | 1469254     | 1722020    | 8.87%        | 1.937%     |
| 34     | 22.403   | 3281       | 3284     | 3290      | rVB   | 713837      | 970823     | 5.00%        | 1.092%     |

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ClientSampleId :  
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## Integration Parameters: LSCINT.P

Integrator: RTE  
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Sampling : 1  
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Stop Thrs : 0  
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Min Area: 1 % of largest Peak  
Max Peaks: 100  
Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
Peak separation: 5

Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM101217.M  
Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 35 | 22.615 | 3318 | 3320 | 3326 | rBV6 | 332316  | 717106  | 3.69%  | 0.807% |
| 36 | 22.850 | 3359 | 3360 | 3365 | rBV4 | 395113  | 715958  | 3.69%  | 0.805% |
| 37 | 23.521 | 3470 | 3474 | 3492 | rVB2 | 2134467 | 5309073 | 27.34% | 5.972% |
| 38 | 23.668 | 3494 | 3499 | 3514 | rVB  | 1649985 | 4059612 | 20.91% | 4.566% |
| 39 | 23.768 | 3514 | 3516 | 3519 | rBV4 | 350691  | 605738  | 3.12%  | 0.681% |

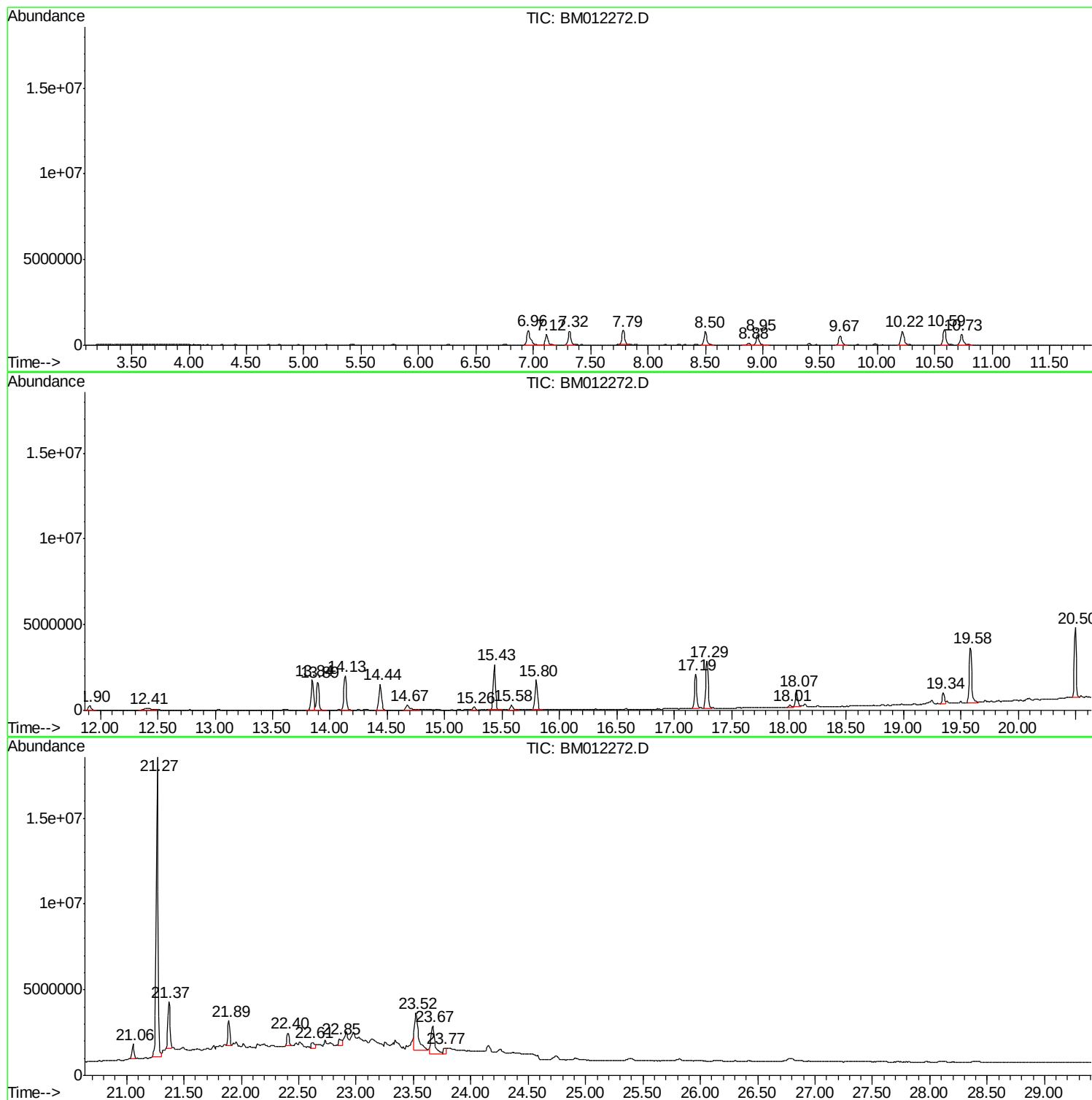
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M  
Quant Title : SVOA CALIBRATION

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



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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M  
Quant Title : SVOA CALIBRATION

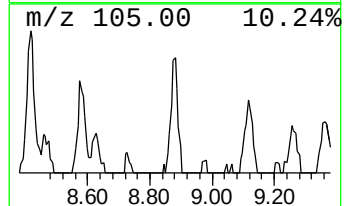
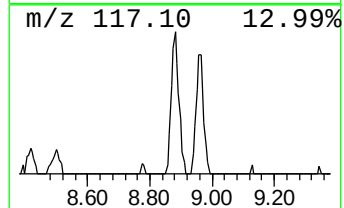
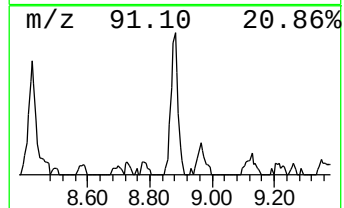
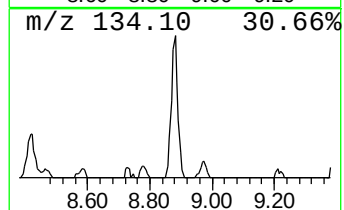
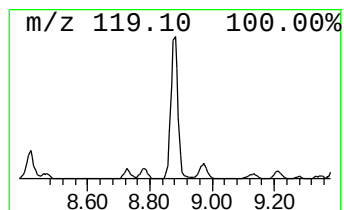
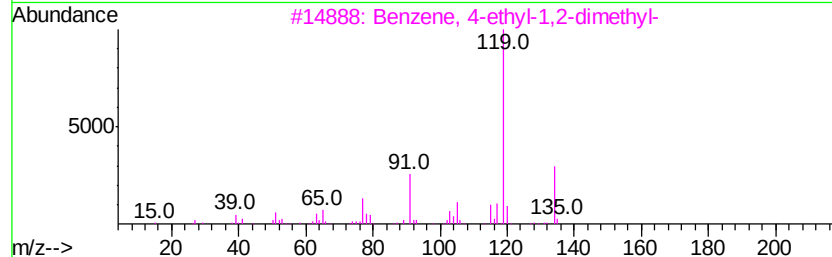
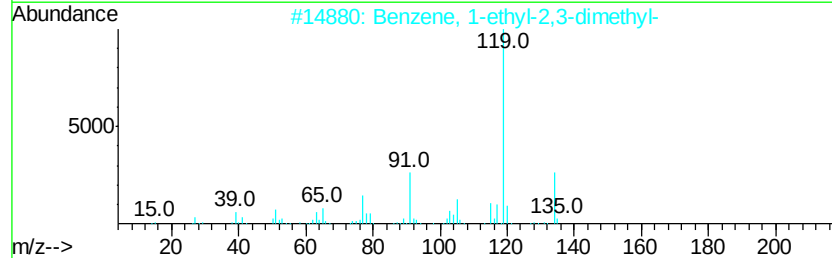
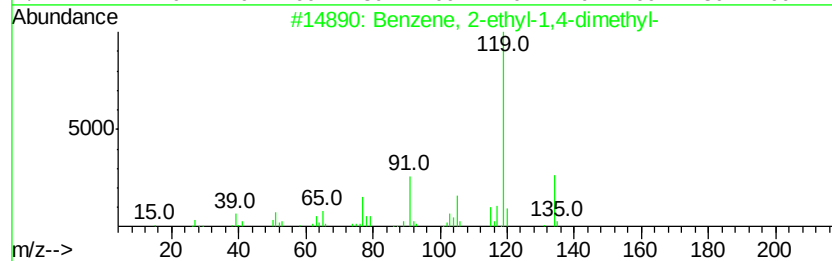
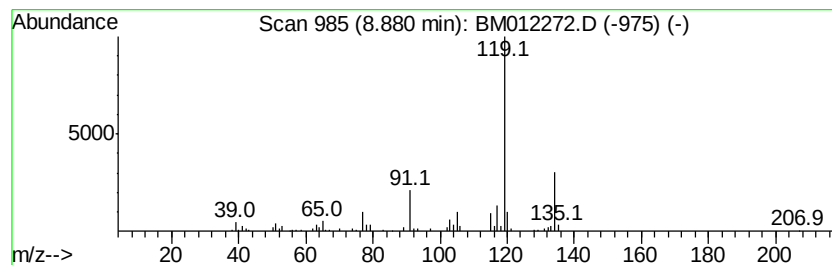
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 12

| R.T. | EstConc    | Area   | Relative to ISTD       | R.T. |
|------|------------|--------|------------------------|------|
| 8.88 | 2.79 ng/ul | 195227 | 1,4-Dichlorobenzene-d4 | 7.79 |

| Hit# | of | Tentative ID                   | MW  | MolForm | CAS#        | Qual |
|------|----|--------------------------------|-----|---------|-------------|------|
| 1    | 5  | Benzene, 2-ethyl-1,4-dimethyl- | 134 | C10H14  | 001758-88-9 | 96   |
| 2    |    | Benzene, 1-ethyl-2,3-dimethyl- | 134 | C10H14  | 000933-98-2 | 96   |
| 3    |    | Benzene, 4-ethyl-1,2-dimethyl- | 134 | C10H14  | 000934-80-5 | 96   |
| 4    |    | Benzene, 2-ethyl-1,4-dimethyl- | 134 | C10H14  | 001758-88-9 | 94   |
| 5    |    | o-Cymene                       | 134 | C10H14  | 000527-84-4 | 94   |



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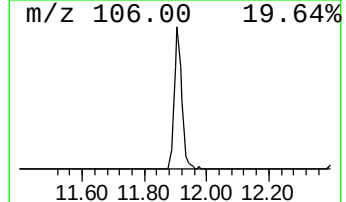
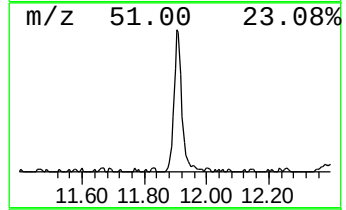
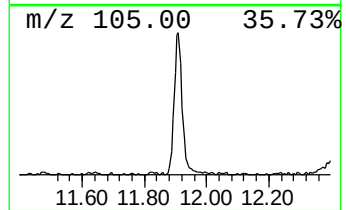
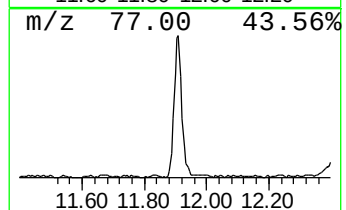
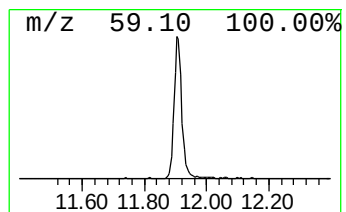
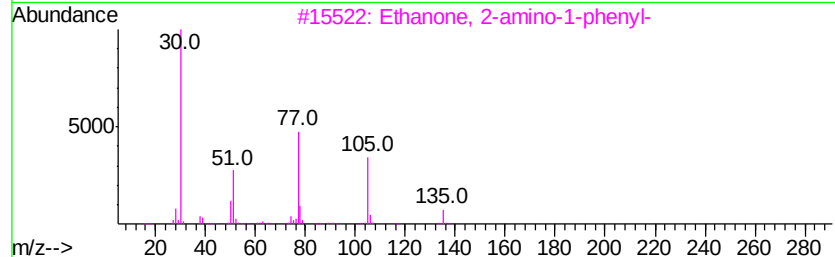
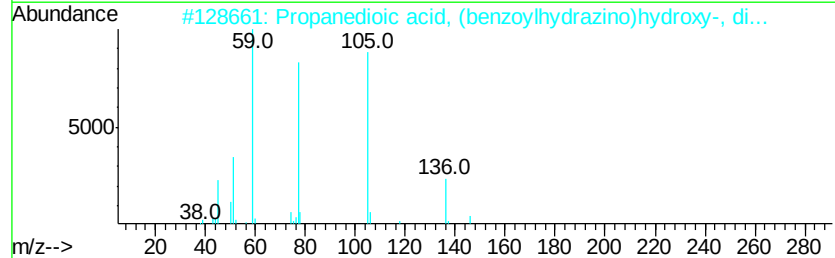
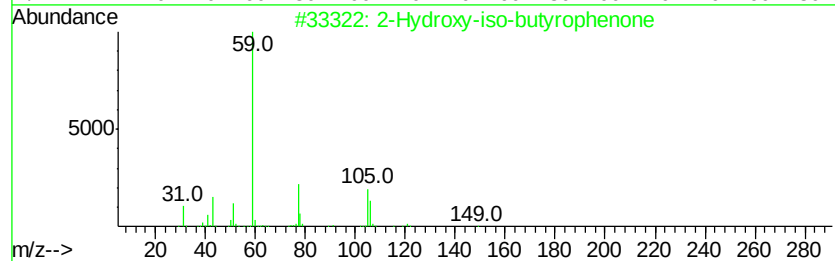
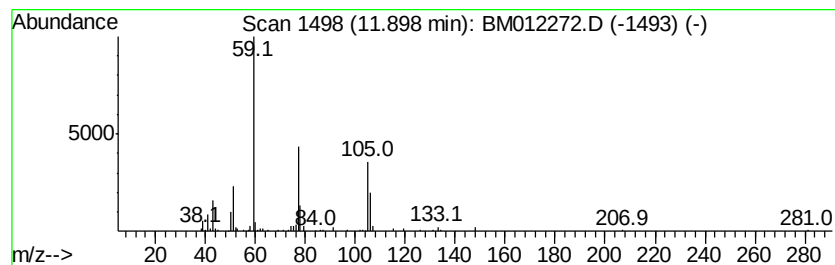
Instrument :  
BNA\_M  
ClientSampleId :  
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 2 unknown-01 Concentration Rank 5

| R.T.      | EstConc                             | Area   | Relative to ISTD | R.T.         |      |
|-----------|-------------------------------------|--------|------------------|--------------|------|
| 11.90     | 5.53 ng/ul                          | 433897 | Napthalene-d8    | 10.59        |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm          | CAS#         | Qual |
| 1         | 2-Hydroxy-iso-butyrophenone         | 164    | C10H12O2         | 007473-98-5  | 43   |
| 2         | Propanedioic acid, (benzoylhydra... | 282    | C12H14N2O6       | 1000142-99-9 | 38   |
| 3         | Ethanone, 2-amino-1-phenyl-         | 135    | C8H9NO           | 000613-89-8  | 27   |
| 4         | Propionic acid, 2-isopropoxy-, m... | 146    | C7H14O3          | 1000151-15-1 | 12   |
| 5         | Guanidine                           | 59     | CH5N3            | 000113-00-8  | 9    |



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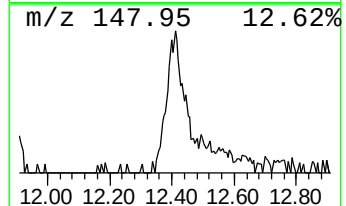
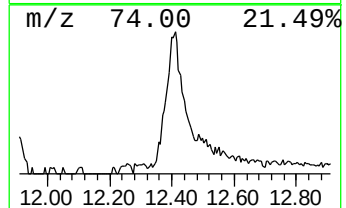
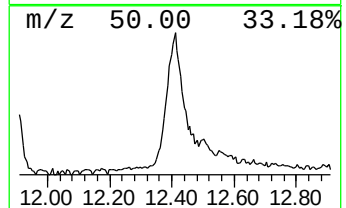
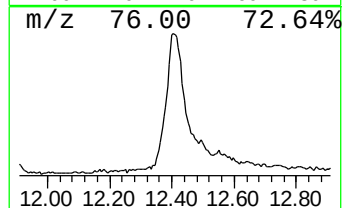
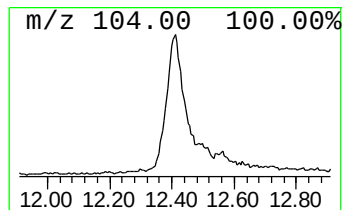
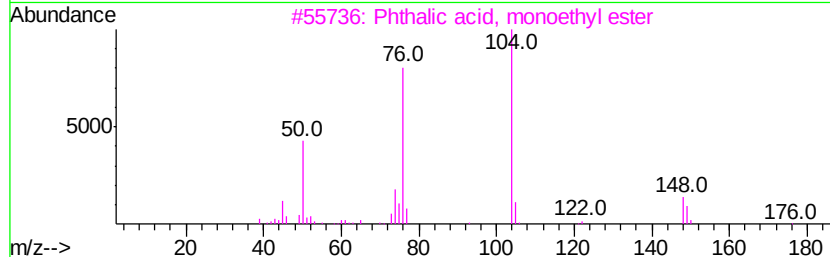
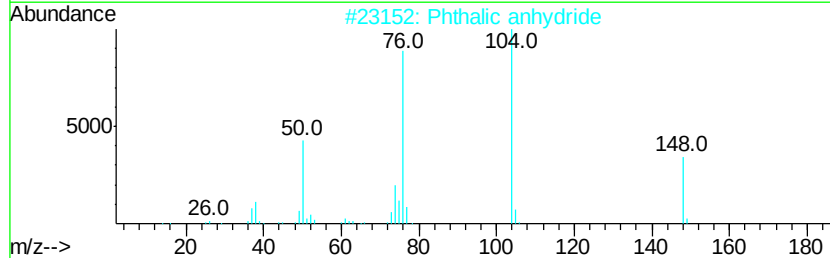
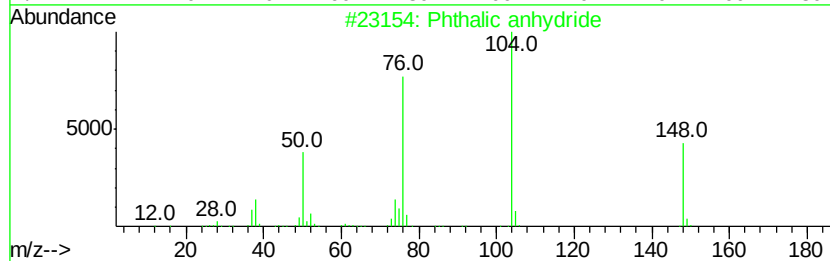
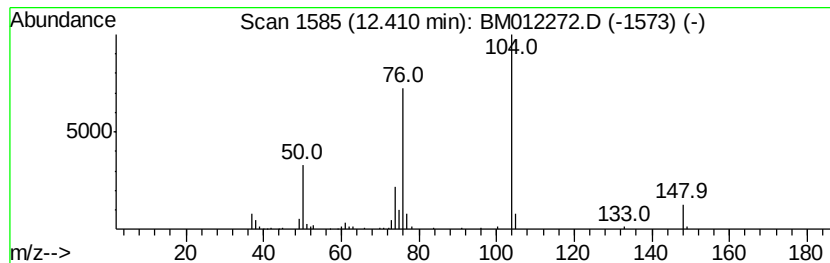
Instrument :  
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 3 Phthalic anhydride Concentration Rank 4

| R.T.    | EstConc                        | Area         | Relative to ISTD | R.T.      |
|---------|--------------------------------|--------------|------------------|-----------|
| 12.41   | 6.25 ng/ul                     | 490737       | Naphthalene-d8   | 10.59     |
| Hit# of | 5                              | Tentative ID | MW MolForm       | CAS# Qual |
| 1       | Phthalic anhydride             | 148 C8H4O3   | 000085-44-9      | 91        |
| 2       | Phthalic anhydride             | 148 C8H4O3   | 000085-44-9      | 90        |
| 3       | Phthalic acid, monoethyl ester | 194 C10H10O4 | 002306-33-4      | 83        |
| 4       | 1,2-Benzenedicarboxylic acid   | 166 C8H6O4   | 000088-99-3      | 78        |
| 5       | Phthalic anhydride             | 148 C8H4O3   | 000085-44-9      | 76        |



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Quant Title : SVOA CALIBRATION

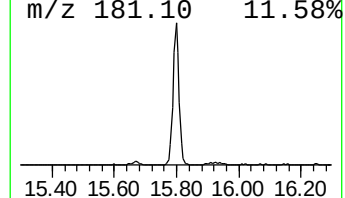
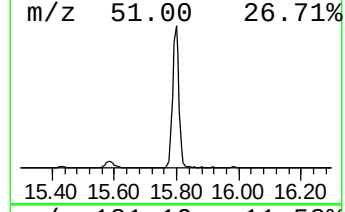
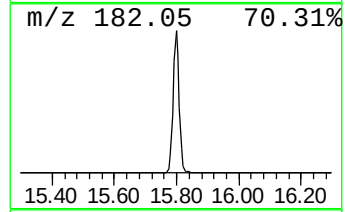
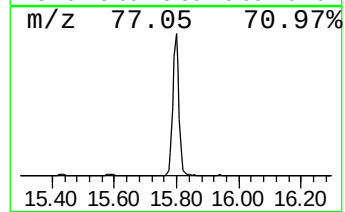
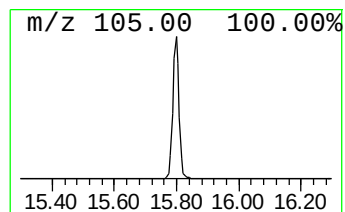
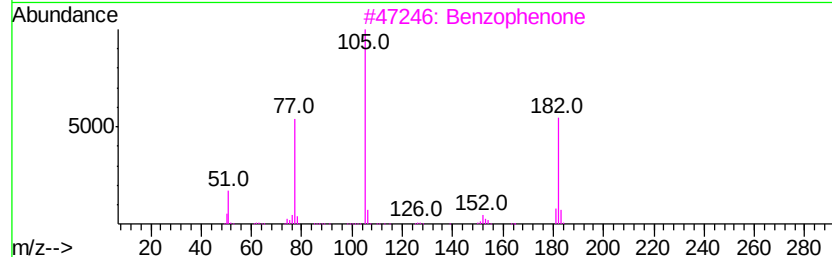
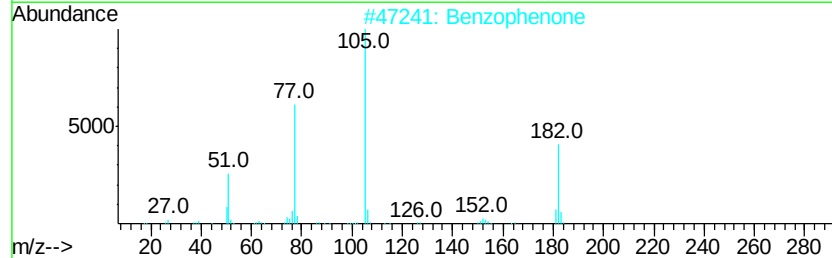
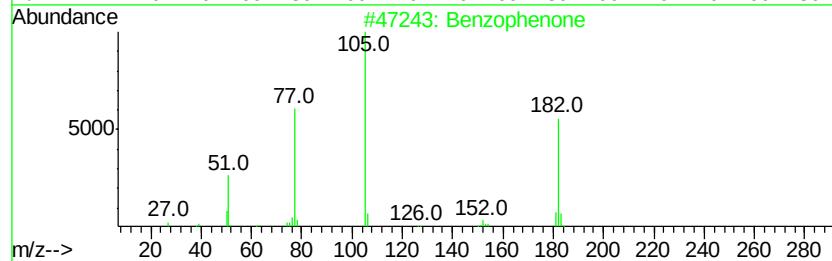
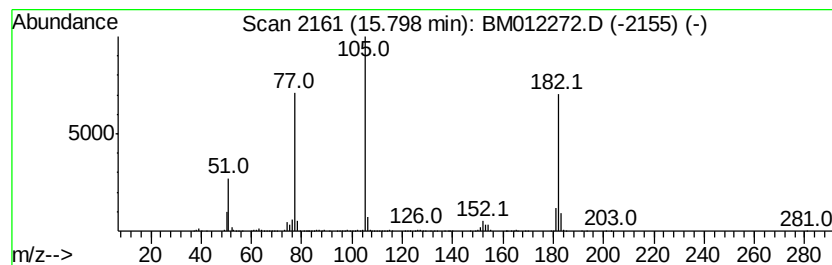
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 4 Benzophenone Concentration Rank 1

| R.T.  | EstConc     | Area    | Relative to ISTD | R.T.  |
|-------|-------------|---------|------------------|-------|
| 15.80 | 21.64 ng/ul | 2461900 | Acenaphthene-d10 | 14.44 |

| Hit# | of | Tentative ID                | MW  | MolForm  | CAS#        | Qual |
|------|----|-----------------------------|-----|----------|-------------|------|
| 1    | 5  | Benzophenone                | 182 | C13H10O  | 000119-61-9 | 96   |
| 2    |    | Benzophenone                | 182 | C13H10O  | 000119-61-9 | 95   |
| 3    |    | Benzophenone                | 182 | C13H10O  | 000119-61-9 | 95   |
| 4    |    | Benzophenone                | 182 | C13H10O  | 000119-61-9 | 87   |
| 5    |    | N-Methoxy-N-methylbenzamide | 165 | C9H11NO2 | 006919-61-5 | 49   |



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Quant Title : SVOA CALIBRATION

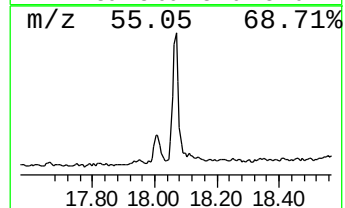
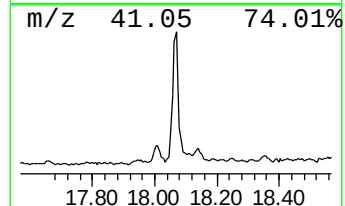
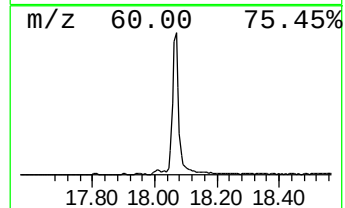
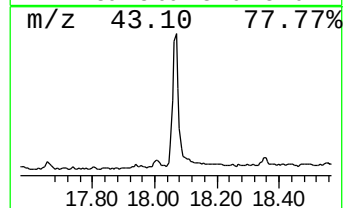
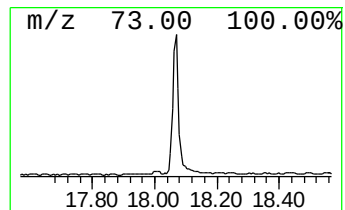
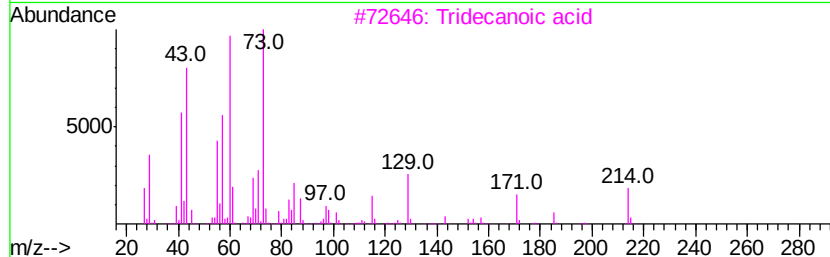
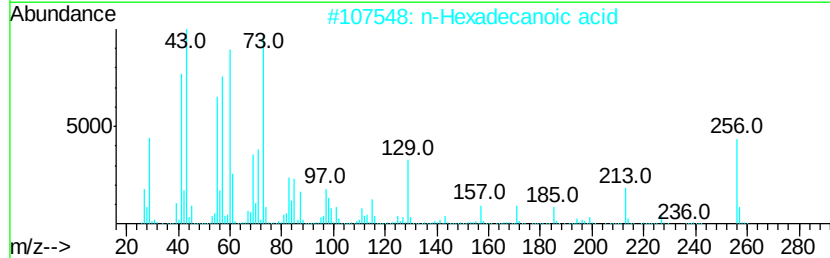
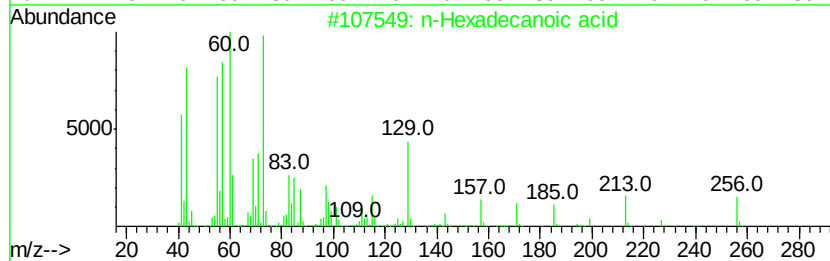
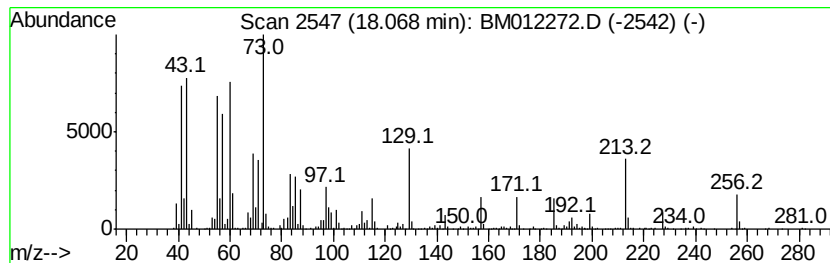
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 5 n-Hexadecanoic acid Concentration Rank 3

| R.T.  | EstConc    | Area    | Relative to ISTD | R.T.  |
|-------|------------|---------|------------------|-------|
| 18.07 | 9.18 ng/ul | 1322140 | Phenanthrene-d10 | 17.19 |

| Hit# | of | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|------|----|---------------------|-----|----------|-------------|------|
| 1    | 5  | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 99   |
| 2    |    | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 97   |
| 3    |    | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 90   |
| 4    |    | Tetradecanoic acid  | 228 | C14H28O2 | 000544-63-8 | 90   |
| 5    |    | Pentadecanoic acid  | 242 | C15H30O2 | 001002-84-2 | 81   |





Data Path : Z:\HPCHEM1\BNA M\DATA\BM101717\  
Data File : BM012272.D  
Acq On : 18 Oct 2017 05:22  
Operator : SJ/JU  
Sample : I5664-13  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C0B76

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M  
Quant Title : SVOA CALIBRATION

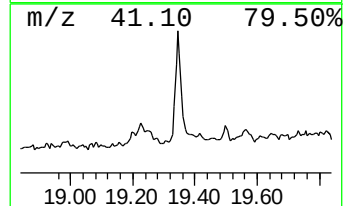
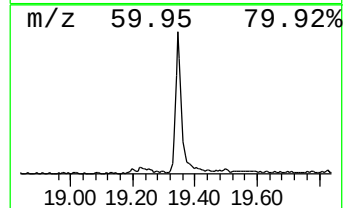
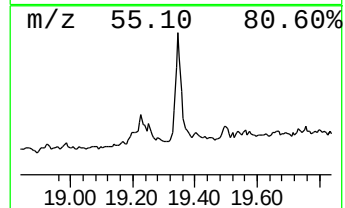
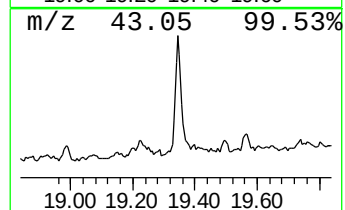
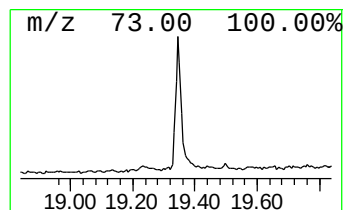
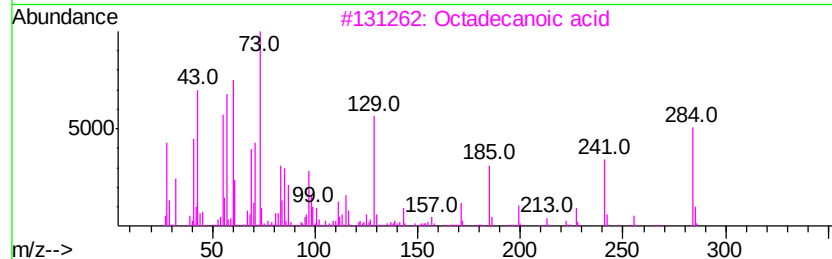
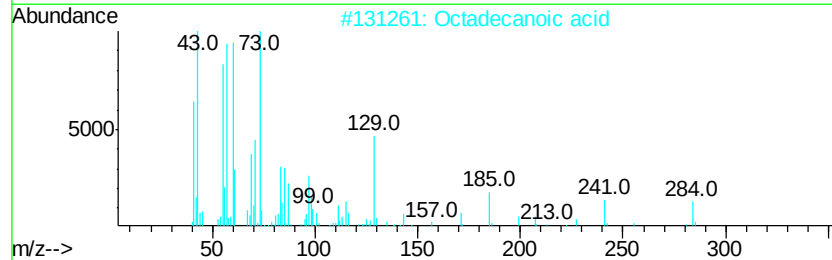
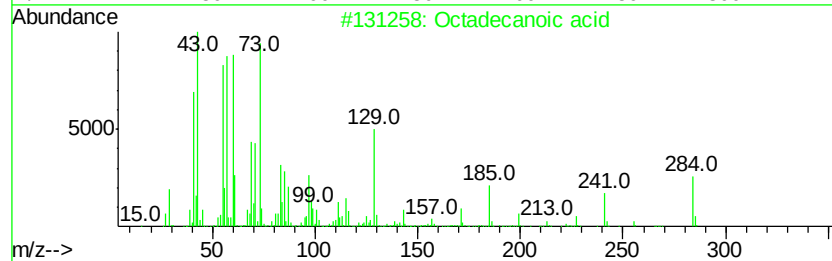
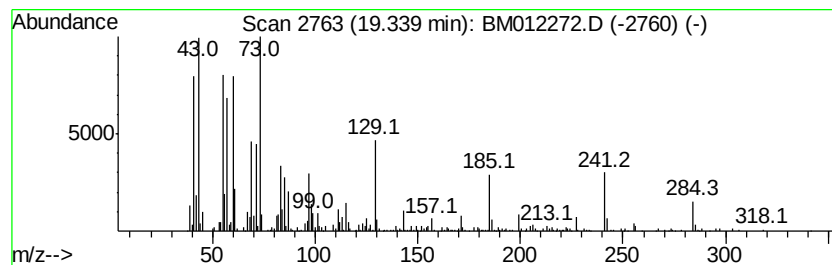
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 6 Octadecanoic acid Concentration Rank 8

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 19.34 | 4.54 ng/ul | 812659 | Chrysene-d12     | 21.37 |

| Hit# | of | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|------|----|---------------------|-----|----------|-------------|------|
| 1    | 5  | Octadecanoic acid   | 284 | C18H36O2 | 000057-11-4 | 99   |
| 2    |    | Octadecanoic acid   | 284 | C18H36O2 | 000057-11-4 | 99   |
| 3    |    | Octadecanoic acid   | 284 | C18H36O2 | 000057-11-4 | 99   |
| 4    |    | Octadecanoic acid   | 284 | C18H36O2 | 000057-11-4 | 98   |
| 5    |    | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 94   |



Data Path : Z:\HPCHEM1\BNA M\DATA\BM101717\  
Data File : BM012272.D  
Acq On : 18 Oct 2017 05:22  
Operator : SJ/JU  
Sample : I5664-13  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C0B76

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M  
Quant Title : SVOA CALIBRATION

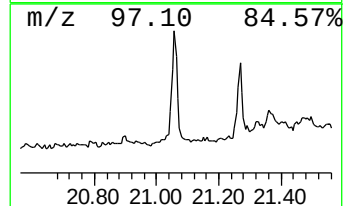
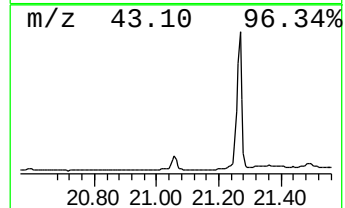
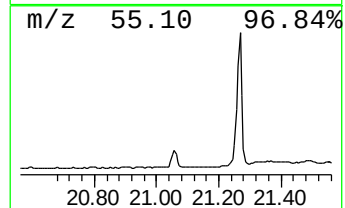
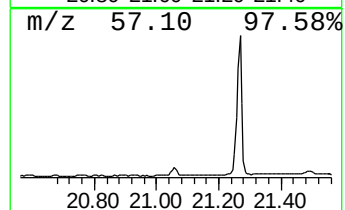
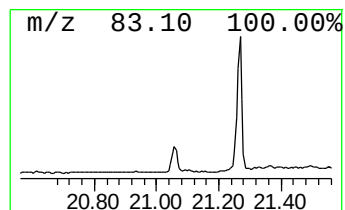
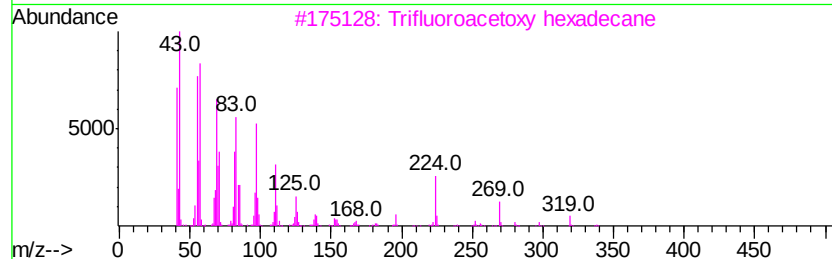
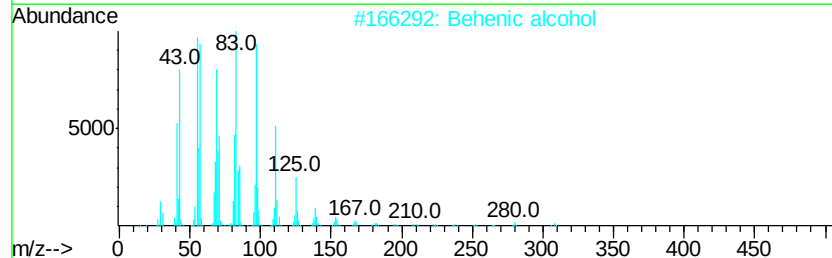
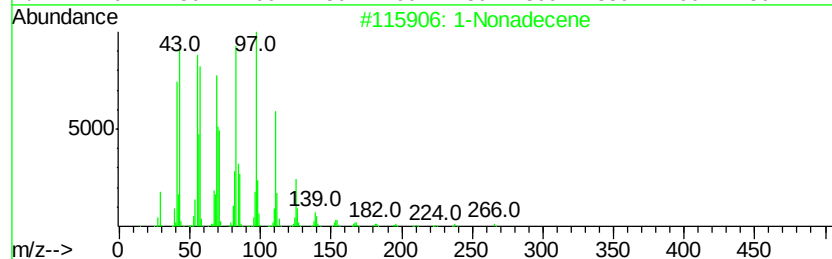
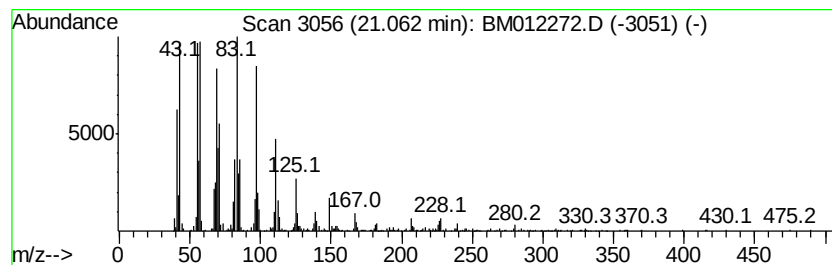
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 7 (DEL) Alkane: Cyclic21.06 Concentration Rank 7

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 21.06 | 5.32 ng/ul | 952022 | Chrysene-d12     | 21.37 |

| Hit# | of | Tentative ID                        | MW  | MolForm    | CAS#        | Qual |
|------|----|-------------------------------------|-----|------------|-------------|------|
| 1    | 5  | 1-Nonadecene                        | 266 | C19H38     | 018435-45-5 | 97   |
| 2    |    | Behenic alcohol                     | 326 | C22H46O    | 000661-19-8 | 93   |
| 3    |    | Trifluoroacetoxv hexadecane         | 338 | C18H33F3O2 | 006222-03-3 | 93   |
| 4    |    | 1-Heneicosanol                      | 312 | C21H44O    | 015594-90-8 | 93   |
| 5    |    | Heptafluorobutyric acid, pentade... | 424 | C19H31F7O2 | 959261-23-5 | 93   |



Data Path : Z:\HPCHEM1\BNA M\DATA\BM101717\  
Data File : BM012272.D  
Acq On : 18 Oct 2017 05:22  
Operator : SJ/JU  
Sample : I5664-13  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C0B76

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M  
Quant Title : SVOA CALIBRATION

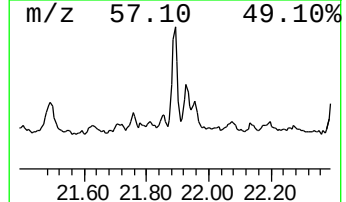
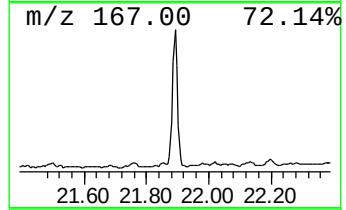
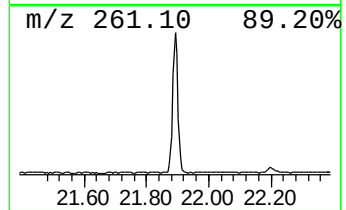
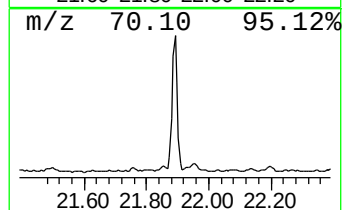
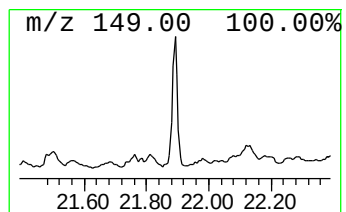
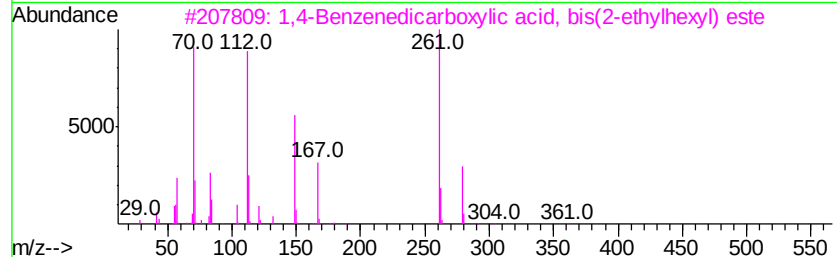
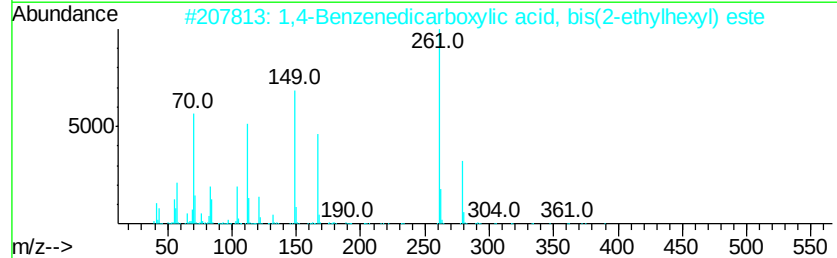
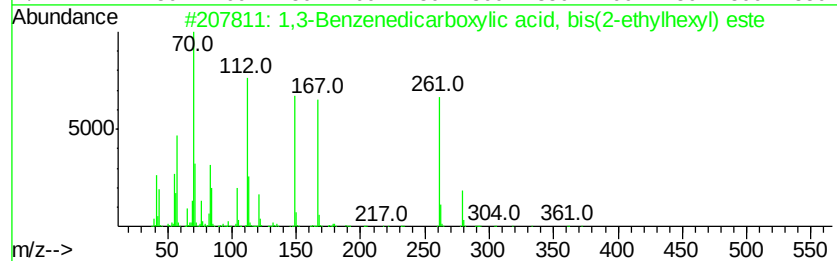
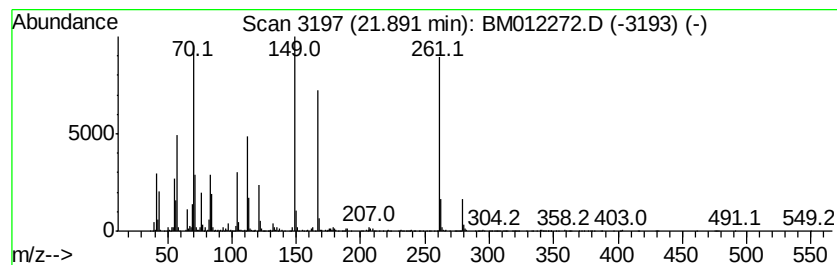
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 8 1,3-Benzenedicarboxylic aci... Concentration Rank 2

| R.T.  | EstConc    | Area    | Relative to ISTD | R.T.  |
|-------|------------|---------|------------------|-------|
| 21.89 | 9.62 ng/ul | 1722020 | Chrysene-d12     | 21.37 |

| Hit# | of | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|-------------------------------------|-----|----------|--------------|------|
| 1    | 5  | 1,3-Benzenedicarboxylic acid, bi... | 390 | C24H38O4 | 000137-89-3  | 59   |
| 2    |    | 1,4-Benzenedicarboxylic acid, bi... | 390 | C24H38O4 | 006422-86-2  | 43   |
| 3    |    | 1,4-Benzenedicarboxylic acid, bi... | 390 | C24H38O4 | 006422-86-2  | 35   |
| 4    |    | Terephthalic acid, 2-methylbutyl... | 348 | C21H32O4 | 1000323-90-4 | 35   |
| 5    |    | Diisooctyl phthalate                | 390 | C24H38O4 | 000131-20-4  | 25   |



Data Path : Z:\HPCHEM1\BNA M\DATA\BM101717\  
Data File : BM012272.D  
Acq On : 18 Oct 2017 05:22  
Operator : SJ/JU  
Sample : I5664-13  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M  
Quant Title : SVOA CALIBRATION

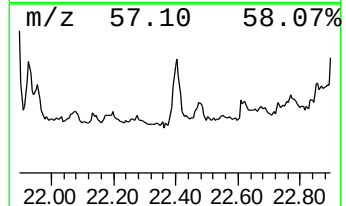
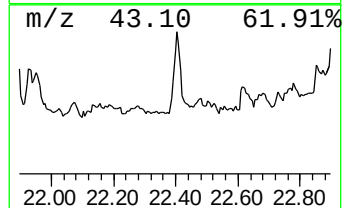
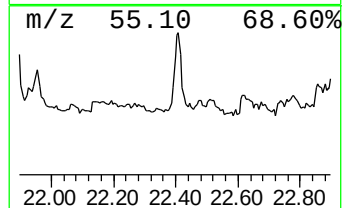
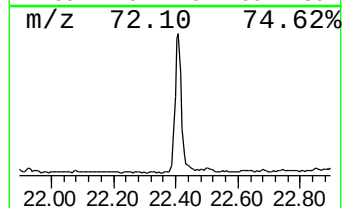
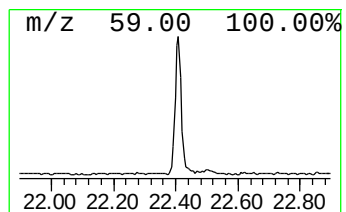
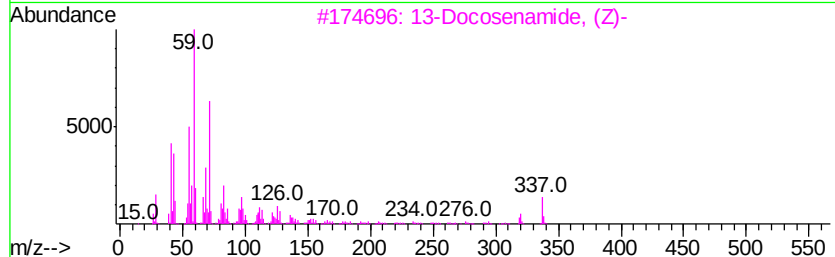
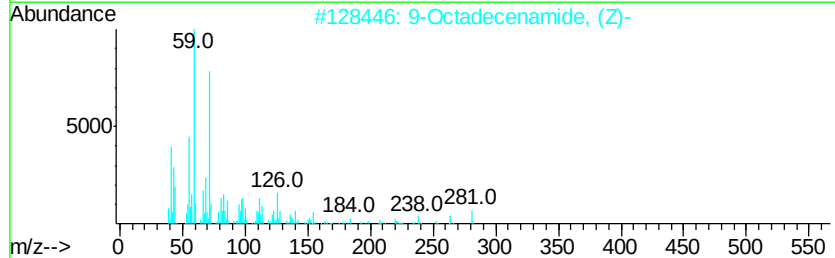
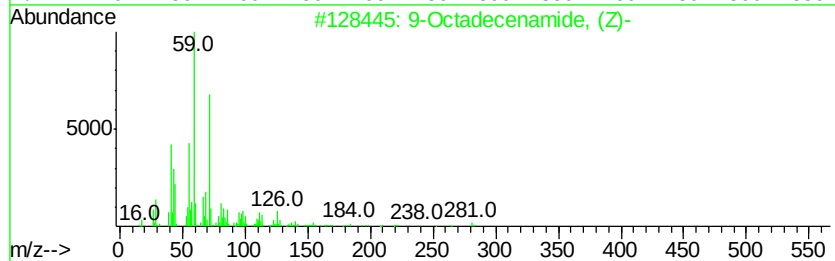
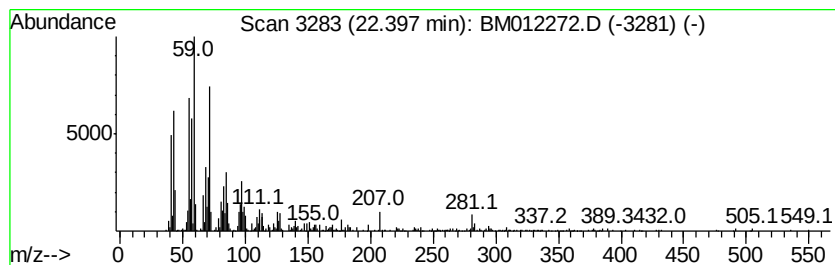
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 9 9-Octadecenamide, (Z)- Concentration Rank 6

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 22.40 | 5.42 ng/ul | 970823 | Chrysene-d12     | 21.37 |

| Hit# | of | Tentative ID           | MW  | MolForm  | CAS#        | Qual |
|------|----|------------------------|-----|----------|-------------|------|
| 1    | 5  | 9-Octadecenamide, (Z)- | 281 | C18H35NO | 000301-02-0 | 93   |
| 2    |    | 9-Octadecenamide, (Z)- | 281 | C18H35NO | 000301-02-0 | 90   |
| 3    |    | 13-Docosenamide, (Z)-  | 337 | C22H43NO | 000112-84-5 | 87   |
| 4    |    | 9-Octadecenamide, (Z)- | 281 | C18H35NO | 000301-02-0 | 72   |
| 5    |    | 9-Octadecenamide, (Z)- | 281 | C18H35NO | 000301-02-0 | 62   |



Data Path : Z:\HPCHEM1\BNA M\DATA\BM101717\  
Data File : BM012272.D  
Acq On : 18 Oct 2017 05:22  
Operator : SJ/JU  
Sample : I5664-13  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C0B76

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M  
Quant Title : SVOA CALIBRATION

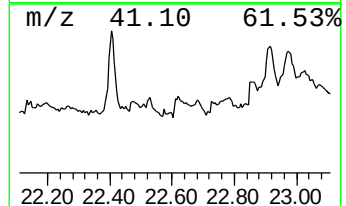
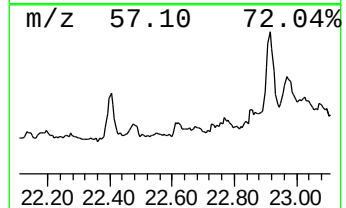
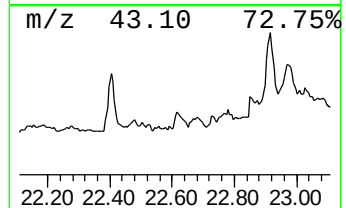
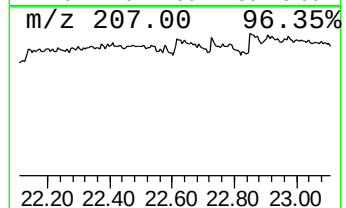
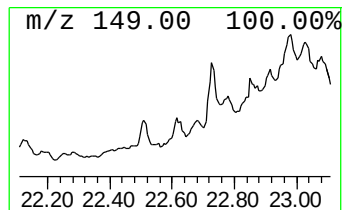
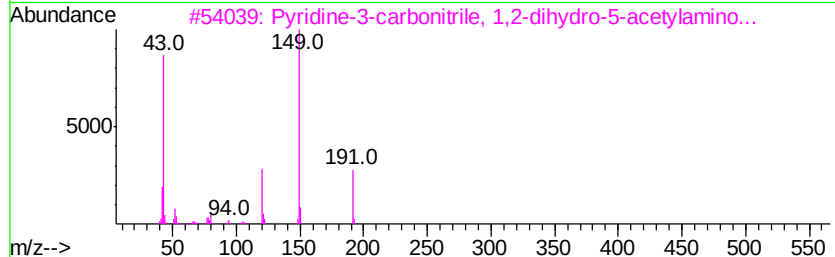
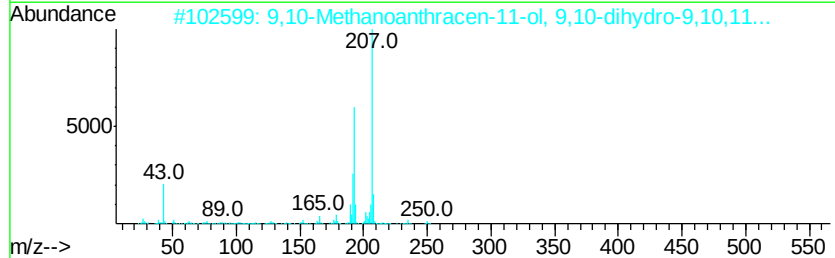
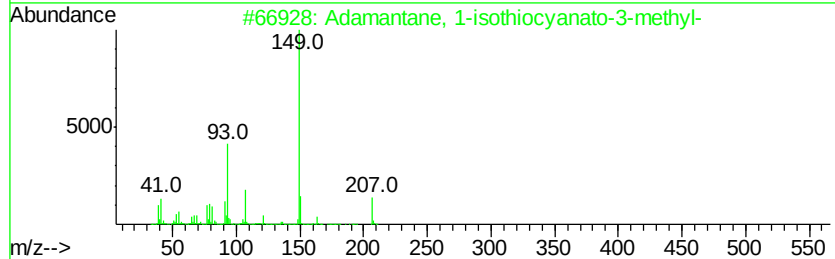
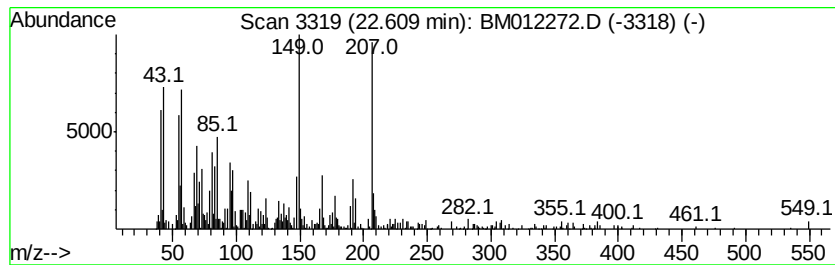
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 10 Adamantane, 1-isothiocyanat... Concentration Rank 9

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 22.61 | 3.53 ng/ul | 717106 | Perylene-d12     | 23.67 |

| Hit# | of | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|-------------------------------------|-----|----------|--------------|------|
| 1    | 5  | Adamantane, 1-isothiocyanato-3-m... | 207 | C12H17NS | 136860-48-5  | 64   |
| 2    |    | 9,10-Methanoanthracen-11-ol, 9,1... | 250 | C18H18O  | 126615-74-5  | 42   |
| 3    |    | Pvridine-3-carbonitrile, 1,2-dih... | 191 | C9H9N3O2 | 220098-92-0  | 25   |
| 4    |    | Phthalic acid, isohexyl 2-methyl... | 334 | C20H30O4 | 1000356-91-0 | 25   |
| 5    |    | Benzo[h]quinoline, 2,4-dimethyl-    | 207 | C15H13N  | 000605-67-4  | 25   |



Data Path : Z:\HPCHEM1\BNA M\DATA\BM101717\  
Data File : BM012272.D  
Acq On : 18 Oct 2017 05:22  
Operator : SJ/JU  
Sample : I5664-13  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

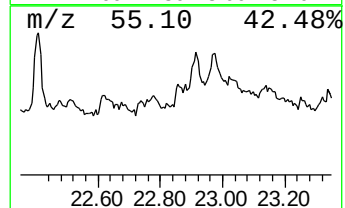
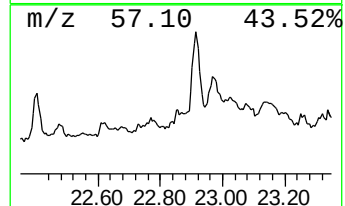
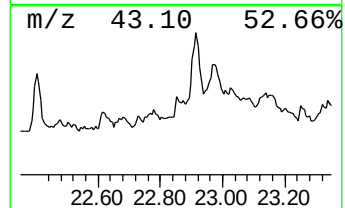
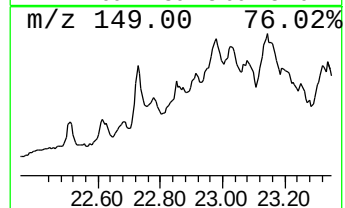
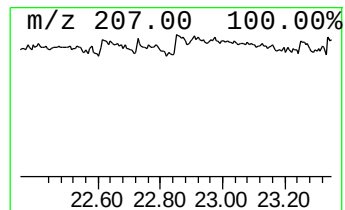
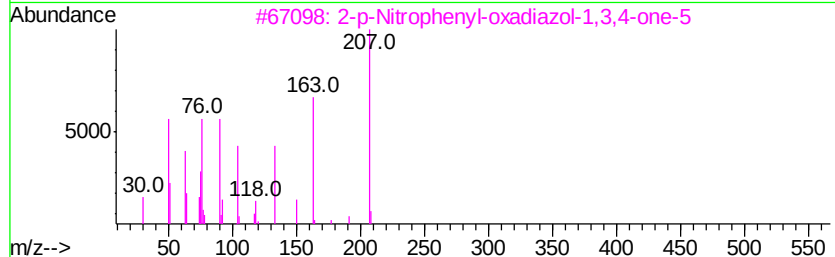
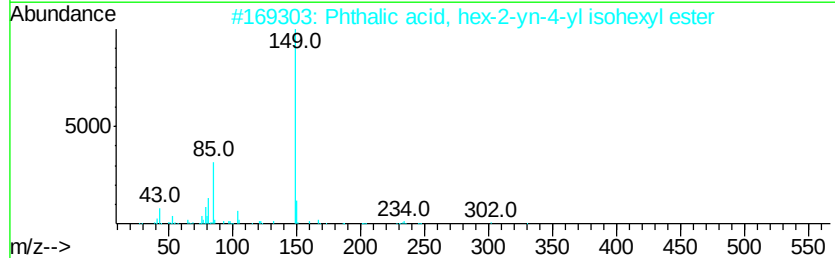
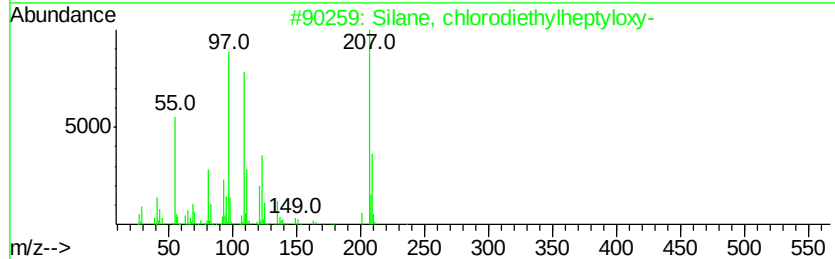
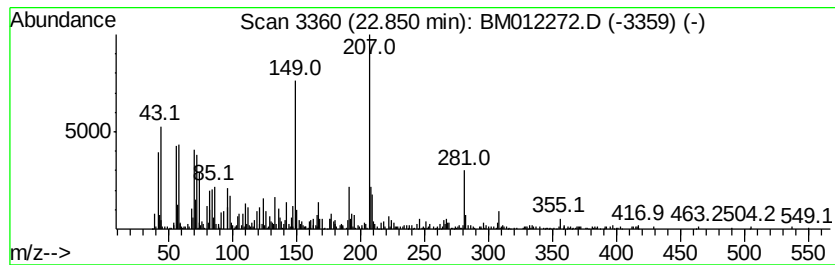
Instrument :  
BNA\_M  
ClientSampleId :  
C0B76

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 11 unknown-02 Concentration Rank 10

| R.T.    | EstConc    | Area                                 | Relative to ISTD | R.T.        |              |      |
|---------|------------|--------------------------------------|------------------|-------------|--------------|------|
| 22.85   | 3.53 ng/ul | 715958                               | Perylene-d12     | 23.67       |              |      |
| Hit# of | 5          | Tentative ID                         | MW               | MolForm     | CAS#         | Qual |
| 1       |            | Silane, chlorodiethylheptyloxy-      | 236              | C11H25ClOSi | 1000363-96-1 | 25   |
| 2       |            | Phthalic acid, hex-2-yn-4-yl iso...  | 330              | C20H26O4    | 1000315-20-0 | 25   |
| 3       |            | 2-p-Nitrophenyl-oxadiazol-1,3,4-...  | 207              | C8H5N3O4    | 1000147-64-6 | 25   |
| 4       |            | Acetamide, N-[4-(trimethylsilyl)...] | 207              | C11H17NOSi  | 017983-71-0  | 25   |
| 5       |            | Pyridine-3-carbonitrile, 1,2-dih...  | 191              | C9H9N3O2    | 220098-92-0  | 25   |



Data Path : Z:\HPCHEM1\BNA M\DATA\BM101717\  
Data File : BM012272.D  
Acq On : 18 Oct 2017 05:22  
Operator : SJ/JU  
Sample : I5664-13  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C0B76

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M  
Quant Title : SVOA CALIBRATION

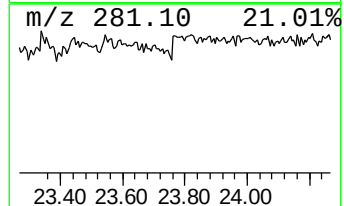
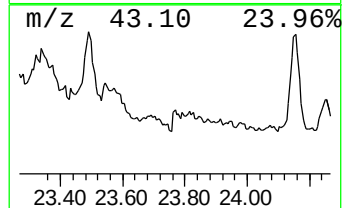
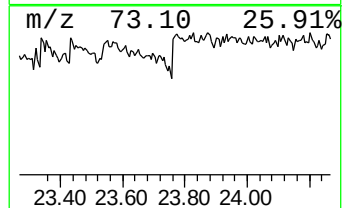
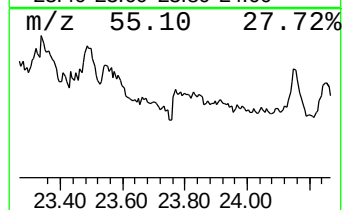
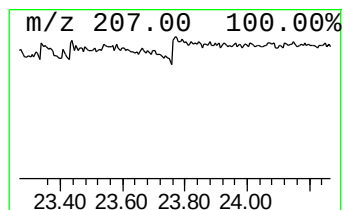
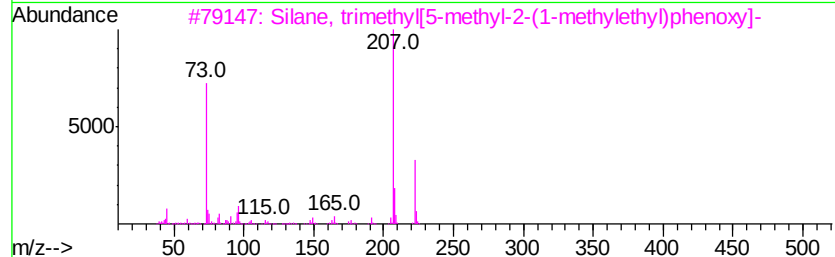
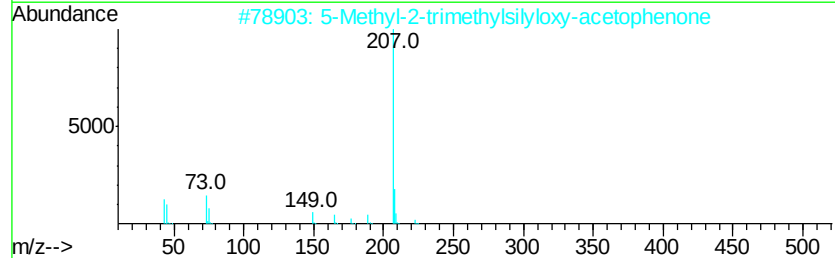
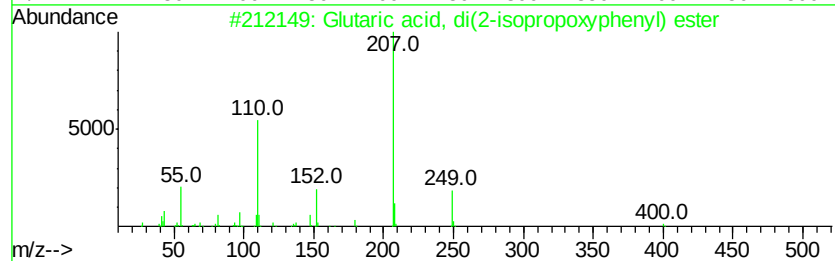
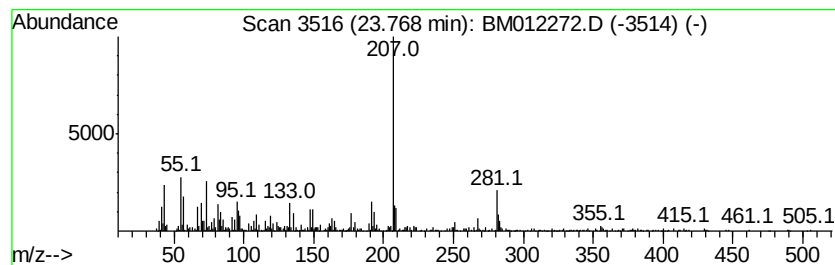
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 12 Glutaric acid, di(2-isoprop... Concentration Rank 11

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 23.77 | 2.98 ng/ul | 605738 | Perylene-d12     | 23.67 |

| Hit# | of | Tentative ID                         | MW  | MolForm    | CAS#         | Qual |
|------|----|--------------------------------------|-----|------------|--------------|------|
| 1    | 5  | Glutaric acid, di(2-isopropoxyvph... | 400 | C23H28O6   | 1000358-58-3 | 78   |
| 2    |    | 5-Methyl-2-trimethylsilyloxy-ace...  | 222 | C12H18O2Si | 097389-69-0  | 52   |
| 3    |    | Silane, trimethyl[5-methyl-2-(1-...  | 222 | C13H22OSi  | 055012-80-1  | 50   |
| 4    |    | Thieno[2,3-c]furan-3-carbonitril...  | 222 | C11H14N2OS | 447412-24-0  | 47   |
| 5    |    | 1,2,4-Triazol-3-amine, 5-(1,3,5-...  | 207 | C8H13N7    | 1000264-16-7 | 47   |



Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM101717\  
 Data File : BM012272.D  
 Acq On : 18 Oct 2017 05:22  
 Operator : SJ/JU  
 Sample : I5664-13  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0B76

Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM101217.M  
 Quant Title : SVOA 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 |
| Benzene, 2-ethyl-...  | 8.88  | 2.8     | ng/ul | 195227   | 1                     | 7.79  | 1401430 | 20.0 |
| unknown-01            | 11.90 | 5.5     | ng/ul | 433897   | 2                     | 10.59 | 1569660 | 20.0 |
| Phthalic anhydride    | 12.41 | 6.3     | ng/ul | 490737   | 2                     | 10.59 | 1569660 | 20.0 |
| Benzophenone          | 15.80 | 21.6    | ng/ul | 2461900  | 3                     | 14.44 | 2275090 | 20.0 |
| n-Hexadecanoic acid   | 18.07 | 9.2     | ng/ul | 1322140  | 4                     | 17.19 | 2881910 | 20.0 |
| Octadecanoic acid     | 19.34 | 4.5     | ng/ul | 812659   | 5                     | 21.37 | 3580610 | 20.0 |
| (DEL) Alkane: Cyc...  | 21.06 | 5.3     | ng/ul | 952022   | 5                     | 21.37 | 3580610 | 20.0 |
| 1,3-Benzenedicarb...  | 21.89 | 9.6     | ng/ul | 1722020  | 5                     | 21.37 | 3580610 | 20.0 |
| 9-Octadecenamide, ... | 22.40 | 5.4     | ng/ul | 970823   | 5                     | 21.37 | 3580610 | 20.0 |
| Adamantane, 1-iso...  | 22.61 | 3.5     | ng/ul | 717106   | 6                     | 23.67 | 4059610 | 20.0 |
| unknown-02            | 22.85 | 3.5     | ng/ul | 715958   | 6                     | 23.67 | 4059610 | 20.0 |
| Glutaric acid, di...  | 23.77 | 3.0     | ng/ul | 605738   | 6                     | 23.67 | 4059610 | 20.0 |