

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM110222\  
 Data File : BM037324.D  
 Acq On : 02 Nov 2022 19:54  
 Operator : CG/JU  
 Sample : N5301-13  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DBXA8

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0.1 % 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\_M\Methods\SFAM-EPA-BM110122.M  
 Title : SVOA CALIBRATION

Signal : TIC: BM037324.D\data.ms

| 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         | 3.240       | 21            | 26          | 30           | rBV      | 651571         | 920129        | 10.50%          | 0.970%        |
| 2         | 3.275       | 30            | 32          | 46           | rVB      | 128918         | 207128        | 2.36%           | 0.218%        |
| 3         | 3.699       | 102           | 104         | 121          | rBV      | 500249         | 784706        | 8.95%           | 0.827%        |
| 4         | 3.922       | 137           | 142         | 148          | rVB      | 34821          | 51577         | 0.59%           | 0.054%        |
| 5         | 4.022       | 155           | 159         | 165          | rVB      | 42756          | 57908         | 0.66%           | 0.061%        |
| 6         | 4.546       | 244           | 248         | 257          | rVB4     | 22612          | 37834         | 0.43%           | 0.040%        |
| 7         | 4.969       | 315           | 320         | 329          | rVB      | 20886          | 34026         | 0.39%           | 0.036%        |
| 8         | 7.028       | 664           | 670         | 682          | rBV      | 368297         | 615549        | 7.02%           | 0.649%        |
| 9         | 7.193       | 691           | 698         | 711          | rBV      | 1518596        | 2296678       | 26.21%          | 2.421%        |
| 10        | 7.387       | 723           | 731         | 741          | rBV      | 1391853        | 2131415       | 24.32%          | 2.247%        |
| 11        | 7.646       | 771           | 775         | 781          | rBV3     | 12794          | 24571         | 0.28%           | 0.026%        |
| 12        | 7.857       | 801           | 811         | 819          | rBV      | 1405164        | 2230914       | 25.45%          | 2.352%        |
| 13        | 7.951       | 822           | 827         | 838          | rVB4     | 37127          | 74029         | 0.84%           | 0.078%        |
| 14        | 8.210       | 864           | 871         | 878          | rBV6     | 10963          | 20337         | 0.23%           | 0.021%        |
| 15        | 8.569       | 923           | 932         | 944          | rBV      | 1038304        | 1763827       | 20.13%          | 1.859%        |
| 16        | 9.022       | 1002          | 1009        | 1022         | rBV      | 1689630        | 2728862       | 31.14%          | 2.877%        |
| 17        | 9.410       | 1070          | 1075        | 1081         | rVB4     | 17660          | 28449         | 0.32%           | 0.030%        |
| 18        | 9.745       | 1124          | 1132        | 1144         | rBV      | 1262770        | 2057022       | 23.47%          | 2.169%        |
| 19        | 10.187      | 1202          | 1207        | 1212         | rBV6     | 4761           | 10502         | 0.12%           | 0.011%        |
| 20        | 10.281      | 1216          | 1223        | 1239         | rBV      | 1908099        | 3163905       | 36.10%          | 3.335%        |
| 21        | 10.439      | 1244          | 1250        | 1269         | rBV      | 1029464        | 1801291       | 20.55%          | 1.899%        |
| 22        | 10.657      | 1280          | 1287        | 1296         | rBV      | 1993818        | 3260028       | 37.20%          | 3.437%        |
| 23        | 10.804      | 1305          | 1312        | 1327         | rBV      | 1801182        | 3012082       | 34.37%          | 3.175%        |
| 24        | 11.492      | 1423          | 1429        | 1430         | rBV6     | 5605           | 10456         | 0.12%           | 0.011%        |
| 25        | 11.804      | 1478          | 1482        | 1485         | rBV6     | 6069           | 10698         | 0.12%           | 0.011%        |
| 26        | 11.904      | 1494          | 1499        | 1502         | rBV5     | 8957           | 13282         | 0.15%           | 0.014%        |
| 27        | 12.069      | 1522          | 1527        | 1533         | rBV8     | 5002           | 11597         | 0.13%           | 0.012%        |
| 28        | 12.245      | 1551          | 1557        | 1563         | rBV2     | 32123          | 54060         | 0.62%           | 0.057%        |
| 29        | 12.551      | 1604          | 1609        | 1613         | rVB8     | 6206           | 11062         | 0.13%           | 0.012%        |
| 30        | 12.845      | 1655          | 1659        | 1667         | rVB6     | 11921          | 21177         | 0.24%           | 0.022%        |
| 31        | 13.069      | 1693          | 1697        | 1700         | rBV3     | 17183          | 26058         | 0.30%           | 0.027%        |
| 32        | 13.222      | 1719          | 1723        | 1727         | rBV6     | 11834          | 17403         | 0.20%           | 0.018%        |
| 33        | 13.304      | 1734          | 1737        | 1742         | rVB7     | 7216           | 9165          | 0.10%           | 0.010%        |
| 34        | 13.386      | 1742          | 1751        | 1760         | rBV      | 396290         | 638203        | 7.28%           | 0.673%        |
| 35        | 13.463      | 1760          | 1764        | 1770         | rVB4     | 10484          | 18872         | 0.22%           | 0.020%        |
| 36        | 13.910      | 1830          | 1840        | 1852         | rBV      | 3775532        | 4985512       | 56.88%          | 5.256%        |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM110222\  
 Data File : BM037324.D  
 Acq On : 02 Nov 2022 19:54  
 Operator : CG/JU  
 Sample : N5301-13  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DBXA8

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0.1 % 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\_M\Methods\SFAM-EPA-BM110122.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |         |        |
|----|--------|------|------|------|------|---------|---------|---------|--------|
| 37 | 14.186 | 1876 | 1887 | 1899 | rBV  | 4470818 | 6412361 | 73.17%  | 6.760% |
| 38 | 14.286 | 1902 | 1904 | 1911 | rVV7 | 15611   | 24486   | 0.28%   | 0.026% |
| 39 | 14.380 | 1914 | 1920 | 1923 | rVV7 | 8876    | 15530   | 0.18%   | 0.016% |
| 40 | 14.492 | 1932 | 1939 | 1949 | rBV  | 2926622 | 4306526 | 49.14%  | 4.540% |
| 41 | 14.657 | 1964 | 1967 | 1971 | rBV3 | 7247    | 8857    | 0.10%   | 0.009% |
| 42 | 14.716 | 1971 | 1977 | 1995 | rBV  | 168053  | 381915  | 4.36%   | 0.403% |
| 43 | 14.898 | 2006 | 2008 | 2015 | rVB6 | 9571    | 17087   | 0.19%   | 0.018% |
| 44 | 15.239 | 2060 | 2066 | 2070 | rBV3 | 19638   | 33836   | 0.39%   | 0.036% |
| 45 | 15.280 | 2070 | 2073 | 2076 | rVV  | 21489   | 30773   | 0.35%   | 0.032% |
| 46 | 15.316 | 2076 | 2079 | 2086 | rVB3 | 22706   | 38157   | 0.44%   | 0.040% |
| 47 | 15.480 | 2096 | 2107 | 2120 | rBV  | 5751030 | 8079787 | 92.19%  | 8.518% |
| 48 | 15.604 | 2122 | 2128 | 2142 | rVV  | 1503211 | 2119671 | 24.19%  | 2.235% |
| 49 | 15.716 | 2144 | 2147 | 2154 | rVB3 | 28911   | 50923   | 0.58%   | 0.054% |
| 50 | 15.933 | 2180 | 2184 | 2191 | rVB7 | 20224   | 30812   | 0.35%   | 0.032% |
| 51 | 16.192 | 2225 | 2228 | 2235 | rVV9 | 12563   | 20736   | 0.24%   | 0.022% |
| 52 | 16.257 | 2237 | 2239 | 2244 | rVB6 | 10852   | 14259   | 0.16%   | 0.015% |
| 53 | 16.368 | 2255 | 2258 | 2263 | rVB6 | 15342   | 22571   | 0.26%   | 0.024% |
| 54 | 16.492 | 2276 | 2279 | 2284 | rVB4 | 11028   | 14886   | 0.17%   | 0.016% |
| 55 | 16.686 | 2310 | 2312 | 2315 | rBV4 | 8271    | 9154    | 0.10%   | 0.010% |
| 56 | 16.980 | 2360 | 2362 | 2366 | rBV4 | 8753    | 13025   | 0.15%   | 0.014% |
| 57 | 17.145 | 2387 | 2390 | 2393 | rBV5 | 9591    | 12859   | 0.15%   | 0.014% |
| 58 | 17.227 | 2398 | 2404 | 2414 | rVB  | 3320618 | 4570842 | 52.15%  | 4.819% |
| 59 | 17.327 | 2415 | 2421 | 2434 | rBV  | 5763554 | 8127065 | 92.73%  | 8.568% |
| 60 | 17.610 | 2467 | 2469 | 2477 | rVB8 | 17429   | 35335   | 0.40%   | 0.037% |
| 61 | 17.898 | 2513 | 2518 | 2526 | rBV  | 287080  | 335359  | 3.83%   | 0.354% |
| 62 | 18.121 | 2552 | 2556 | 2562 | rBV2 | 160019  | 229742  | 2.62%   | 0.242% |
| 63 | 19.039 | 2709 | 2712 | 2713 | rBV3 | 28992   | 28878   | 0.33%   | 0.030% |
| 64 | 19.068 | 2713 | 2717 | 2721 | rVV  | 545533  | 596817  | 6.81%   | 0.629% |
| 65 | 19.198 | 2733 | 2739 | 2744 | rBV2 | 168649  | 273848  | 3.12%   | 0.289% |
| 66 | 19.251 | 2745 | 2748 | 2752 | rBV  | 64726   | 89977   | 1.03%   | 0.095% |
| 67 | 19.398 | 2769 | 2773 | 2781 | rBV2 | 110436  | 176229  | 2.01%   | 0.186% |
| 68 | 19.615 | 2805 | 2810 | 2816 | rBV  | 6889279 | 8764239 | 100.00% | 9.239% |
| 69 | 21.115 | 3062 | 3065 | 3073 | rBV2 | 184445  | 261303  | 2.98%   | 0.275% |
| 70 | 21.403 | 3109 | 3114 | 3120 | rBV  | 3397465 | 4283731 | 48.88%  | 4.516% |
| 71 | 23.597 | 3480 | 3487 | 3498 | rBV2 | 4279774 | 8008054 | 91.37%  | 8.442% |
| 72 | 23.750 | 3507 | 3513 | 3526 | rVB2 | 2189276 | 4276907 | 48.80%  | 4.509% |

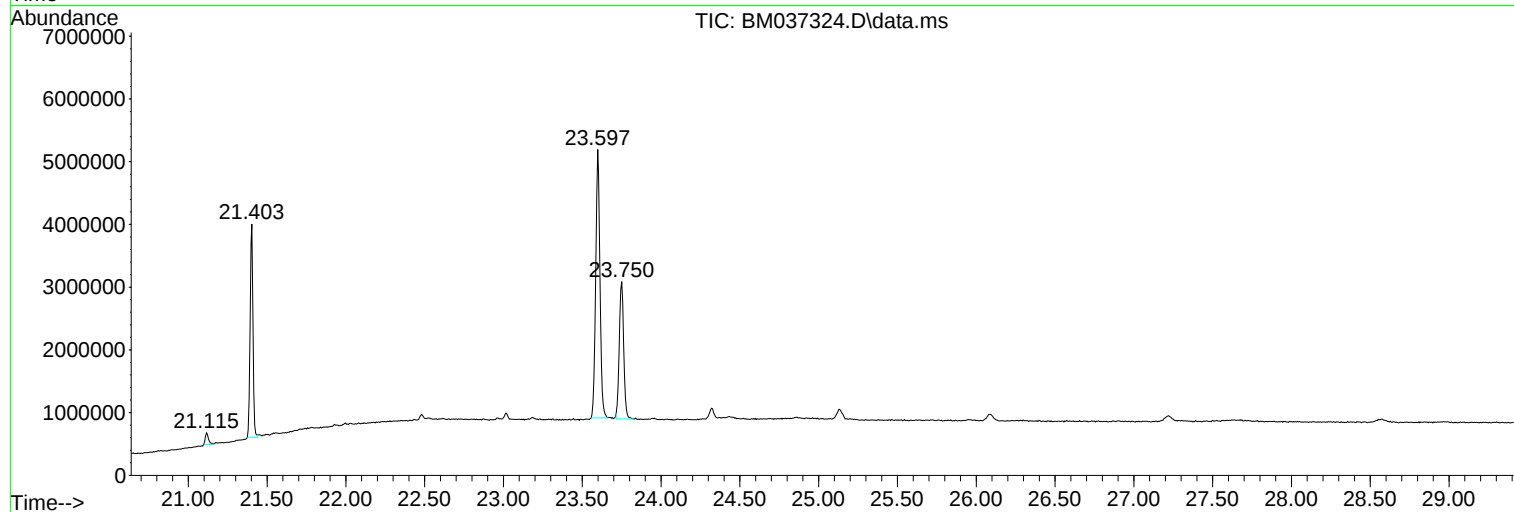
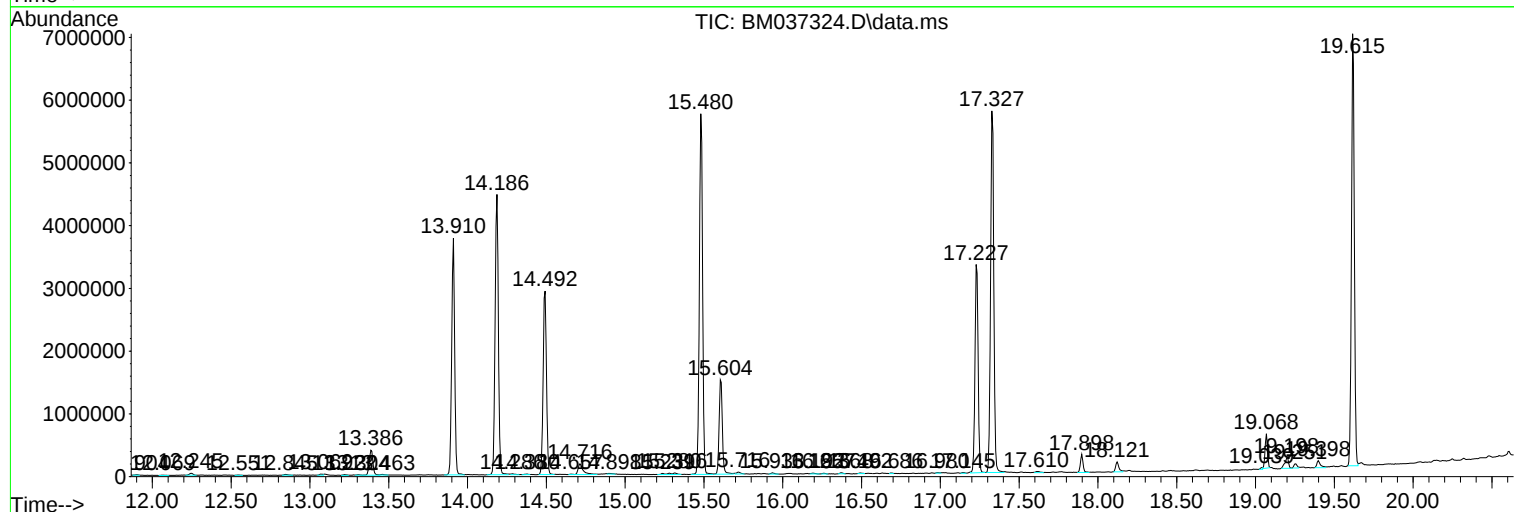
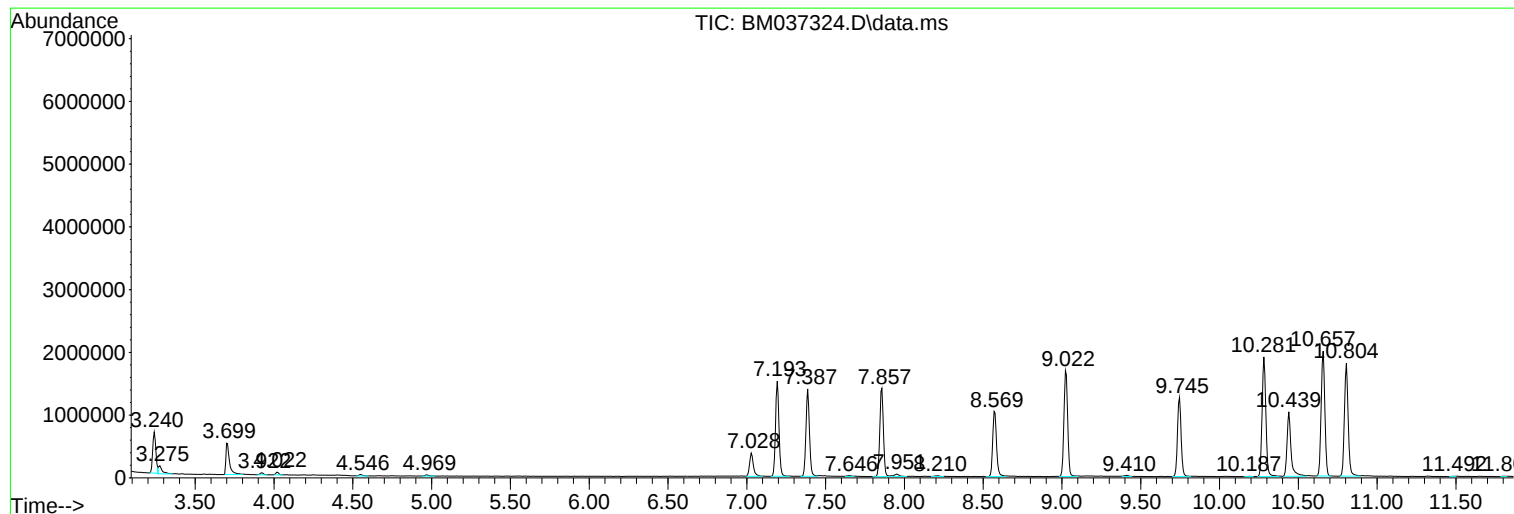
Sum of corrected areas: 94856851

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM110222\  
Data File : BM037324.D  
Acq On : 02 Nov 2022 19:54  
Operator : CG/JU  
Sample : N5301-13  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DBXA8

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM110122.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM110222\  
Data File : BM037324.D  
Acq On : 02 Nov 2022 19:54  
Operator : CG/JU  
Sample : N5301-13  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DBXA8

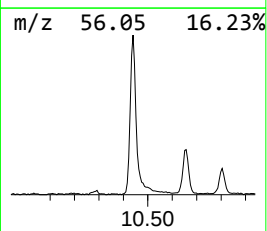
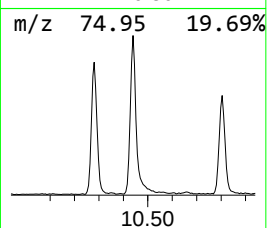
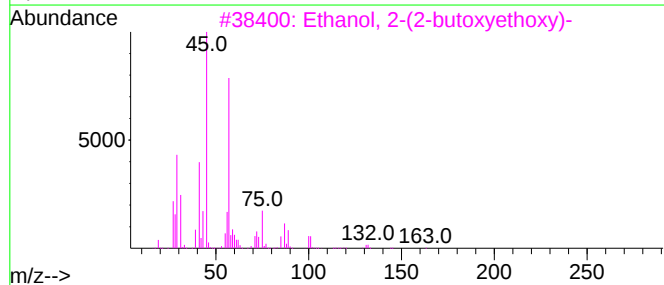
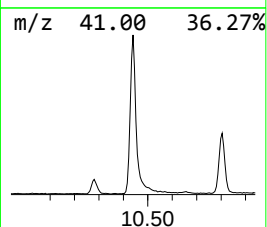
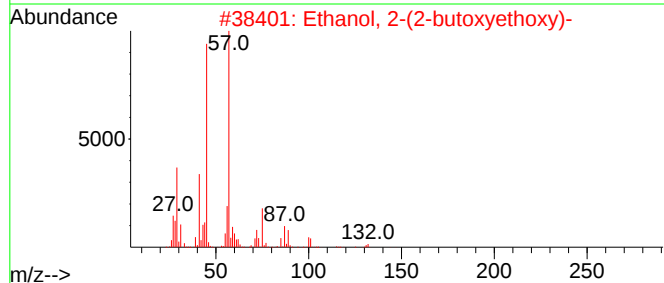
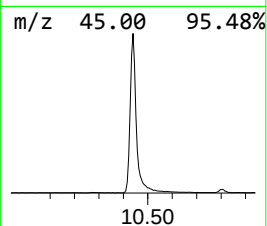
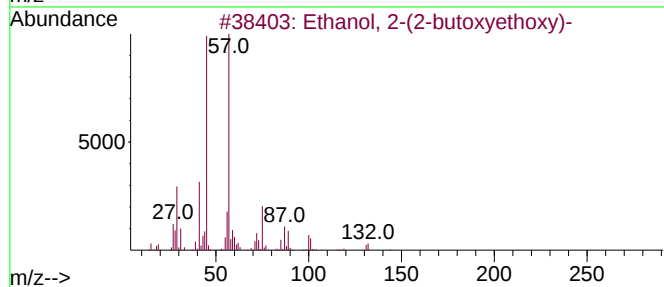
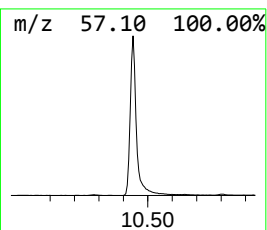
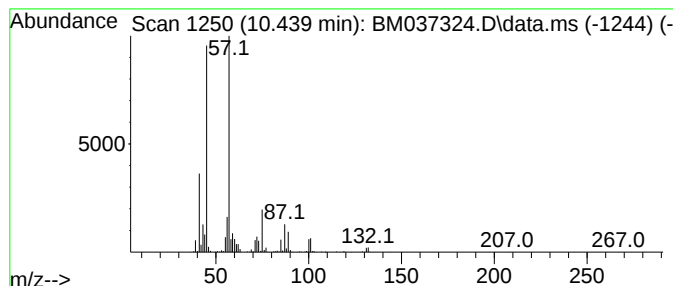
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM110122.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 1 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 1

| R.T.   | EstConc     | Area    | Relative to ISTD | R.T.   |
|--------|-------------|---------|------------------|--------|
| 10.440 | 11.05 ng/ul | 1801290 | Naphthalene-d8   | 10.657 |

| Hit# | of | 5 | Tentative ID                       | MW  | MolForm | CAS#        | Qual |
|------|----|---|------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Ethanol, 2-(2-butoxyethoxy)-       | 162 | C8H18O3 | 000112-34-5 | 90   |
| 2    |    |   | Ethanol, 2-(2-butoxyethoxy)-       | 162 | C8H18O3 | 000112-34-5 | 90   |
| 3    |    |   | Ethanol, 2-(2-butoxyethoxy)-       | 162 | C8H18O3 | 000112-34-5 | 90   |
| 4    |    |   | Ethanol, 1-(2-butoxyethoxy)-       | 162 | C8H18O3 | 054446-78-5 | 83   |
| 5    |    |   | Ethylene glycol monoisobutyl ether | 118 | C6H14O2 | 004439-24-1 | 64   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM110222\  
Data File : BM037324.D  
Acq On : 02 Nov 2022 19:54  
Operator : CG/JU  
Sample : N5301-13  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DBXA8

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM110122.M  
Quant Title : SVOA CALIBRATION

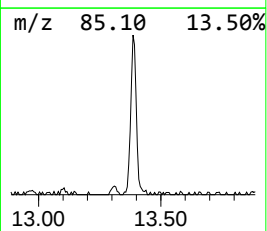
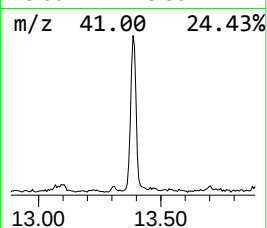
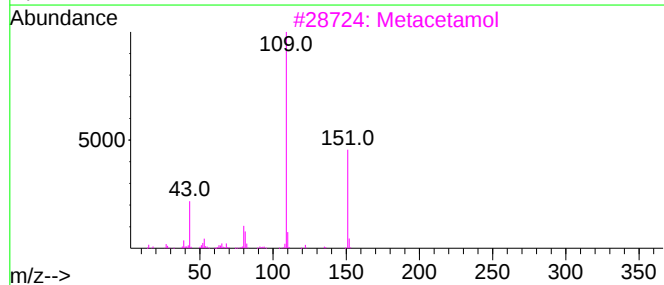
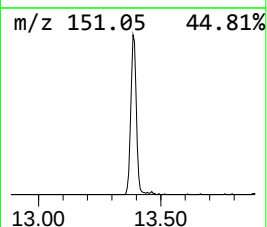
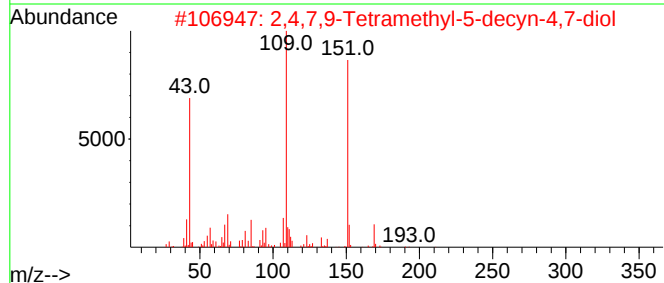
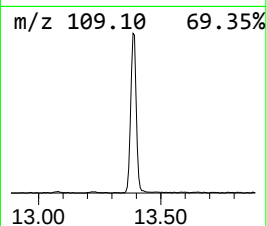
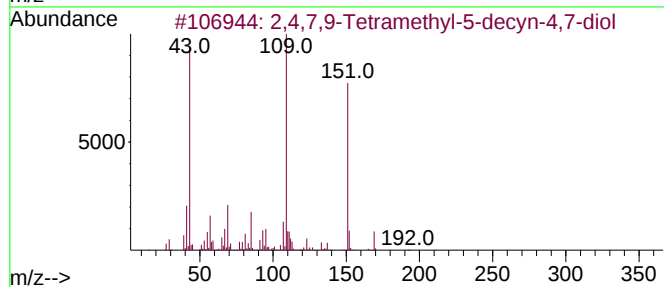
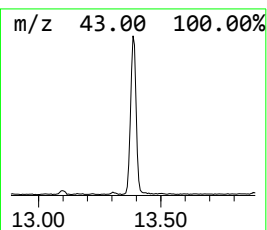
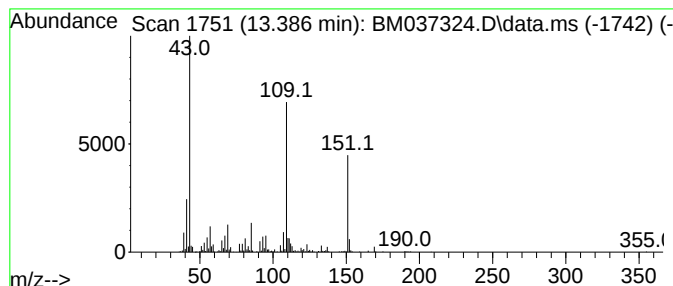
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*

Peak Number 2 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 2

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 13.386 | 2.96 ng/ul | 638203 | Acenaphthene-d10 | 14.492 |

| Hit# | of                                  | 5   | Tentative ID | MW          | MolForm | CAS# | Qual |
|------|-------------------------------------|-----|--------------|-------------|---------|------|------|
| 1    | 2,4,7,9-Tetramethyl-5-decyn-4,7-... | 226 | C14H26O2     | 000126-86-3 | 91      |      |      |
| 2    | 2,4,7,9-Tetramethyl-5-decyn-4,7-... | 226 | C14H26O2     | 000126-86-3 | 91      |      |      |
| 3    | Metacetamol                         | 151 | C8H9NO2      | 000621-42-1 | 58      |      |      |
| 4    | Acetaminophen                       | 151 | C8H9NO2      | 000103-90-2 | 58      |      |      |
| 5    | 3-Pyridinol, 4-methyl-, acetate ... | 151 | C8H9NO2      | 001006-96-8 | 53      |      |      |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM110222\  
Data File : BM037324.D  
Acq On : 02 Nov 2022 19:54  
Operator : CG/JU  
Sample : N5301-13  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DBXA8

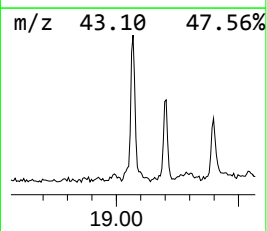
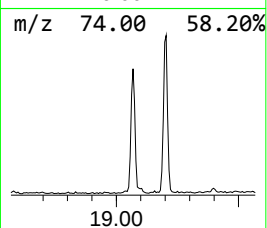
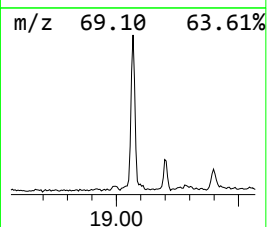
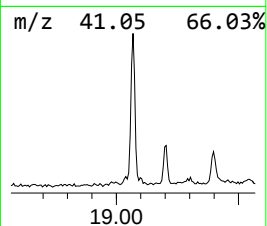
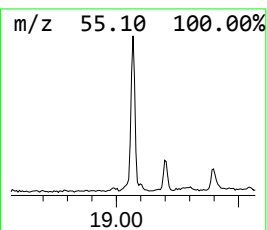
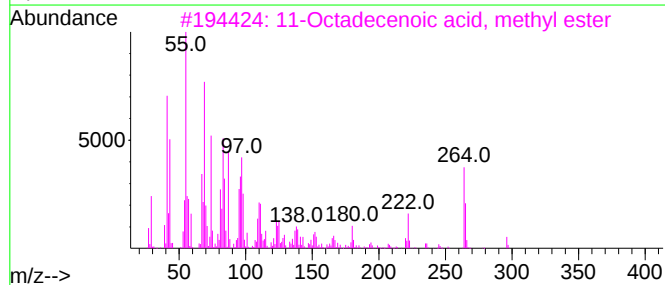
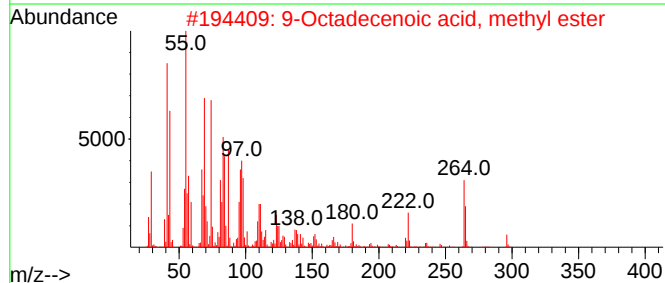
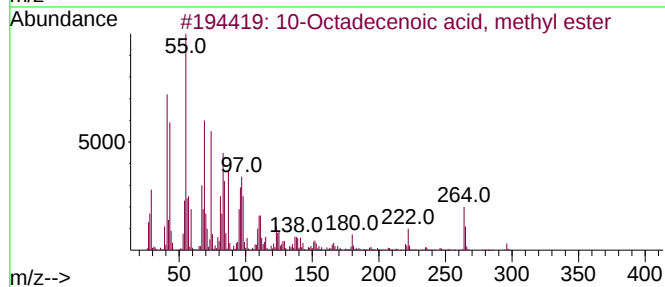
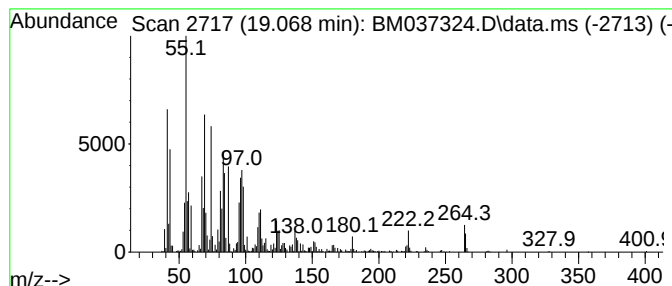
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM110122.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*

Peak Number 3 10-Octadecenoic acid, methyl... Concentration Rank 3

| R.T.      | EstConc                             | Area   | Relative to ISTD | R.T.        |      |
|-----------|-------------------------------------|--------|------------------|-------------|------|
| 19.068    | 2.61 ng/ul                          | 596817 | Phenanthrene-d10 | 17.227      |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm          | CAS#        | Qual |
| 1         | 10-Octadecenoic acid, methyl ester  | 296    | C19H36O2         | 013481-95-3 | 99   |
| 2         | 9-Octadecenoic acid, methyl ester   | 296    | C19H36O2         | 002462-84-2 | 99   |
| 3         | 11-Octadecenoic acid, methyl ester  | 296    | C19H36O2         | 052380-33-3 | 99   |
| 4         | 11-Octadecenoic acid, methyl est... | 296    | C19H36O2         | 001937-63-9 | 99   |
| 5         | 15-Octadecenoic acid, methyl ester  | 296    | C19H36O2         | 004764-72-1 | 99   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM110222\  
Data File : BM037324.D  
Acq On : 02 Nov 2022 19:54  
Operator : CG/JU  
Sample : N5301-13  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DBXA8

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM110122.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |         |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|---------|------|
|                    |        |         |       |          | #                     | RT     | Resp    | Conc |
| Ethanol, 2-(2-b... | 10.440 | 11.1    | ng/ul | 1801290  | 2                     | 10.657 | 3260030 | 20.0 |
| 2,4,7,9-Tetrame... | 13.386 | 3.0     | ng/ul | 638203   | 3                     | 14.492 | 4306530 | 20.0 |
| 10-Octadecenoic... | 19.068 | 2.6     | ng/ul | 596817   | 4                     | 17.227 | 4570840 | 20.0 |