

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN102922\  
 Data File : BN022368.D  
 Acq On : 27 Oct 2022 19:18  
 Operator : CG/JU  
 Sample : N5232-02  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 BHAC3

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\_N\Methods\SFAM-EPA-BN101222.M  
 Title : SVOA CALIBRATION

Signal : TIC: BN022368.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         | 3.246       | 40            | 44          | 50           | rBV      | 39219          | 52531         | 1.71%           | 0.151%        |
| 2         | 3.711       | 122           | 123         | 136          | rBV2     | 17193          | 36701         | 1.20%           | 0.106%        |
| 3         | 3.922       | 153           | 159         | 166          | rVB2     | 25623          | 45110         | 1.47%           | 0.130%        |
| 4         | 4.022       | 171           | 176         | 183          | rVB      | 14119          | 19970         | 0.65%           | 0.058%        |
| 5         | 4.416       | 239           | 243         | 250          | rBV4     | 5242           | 8721          | 0.28%           | 0.025%        |
| 6         | 4.975       | 333           | 338         | 349          | rBV2     | 5009           | 10162         | 0.33%           | 0.029%        |
| 7         | 7.093       | 692           | 698         | 709          | rBV      | 186697         | 306823        | 10.02%          | 0.884%        |
| 8         | 7.263       | 719           | 727         | 738          | rBV      | 657604         | 1023712       | 33.42%          | 2.951%        |
| 9         | 7.457       | 753           | 760         | 771          | rBV      | 606894         | 961437        | 31.38%          | 2.772%        |
| 10        | 7.540       | 771           | 774         | 778          | rVB5     | 3615           | 5112          | 0.17%           | 0.015%        |
| 11        | 7.757       | 805           | 811         | 815          | rBV5     | 1640           | 3553          | 0.12%           | 0.010%        |
| 12        | 7.934       | 834           | 841         | 850          | rBV      | 652188         | 1025479       | 33.47%          | 2.956%        |
| 13        | 7.999       | 850           | 852         | 857          | rVB3     | 2376           | 3155          | 0.10%           | 0.009%        |
| 14        | 8.657       | 957           | 964         | 978          | rBV      | 483825         | 796491        | 26.00%          | 2.296%        |
| 15        | 9.116       | 1034          | 1042        | 1051         | rBV      | 735666         | 1202256       | 39.25%          | 3.466%        |
| 16        | 9.275       | 1064          | 1069        | 1074         | rVB6     | 3450           | 5751          | 0.19%           | 0.017%        |
| 17        | 9.504       | 1103          | 1108        | 1113         | rVB      | 4689           | 6549          | 0.21%           | 0.019%        |
| 18        | 9.840       | 1157          | 1165        | 1178         | rBV      | 547745         | 917161        | 29.94%          | 2.644%        |
| 19        | 10.381      | 1250          | 1257        | 1273         | rBV      | 751966         | 1300297       | 42.45%          | 3.748%        |
| 20        | 10.540      | 1276          | 1284        | 1312         | rBV      | 170788         | 354269        | 11.56%          | 1.021%        |
| 21        | 10.763      | 1314          | 1322        | 1330         | rBV      | 906491         | 1493003       | 48.74%          | 4.304%        |
| 22        | 10.910      | 1342          | 1347        | 1355         | rBV      | 29389          | 54175         | 1.77%           | 0.156%        |
| 23        | 11.563      | 1452          | 1458        | 1466         | rBV4     | 2468           | 5719          | 0.19%           | 0.016%        |
| 24        | 12.363      | 1589          | 1594        | 1600         | rVB      | 12998          | 20971         | 0.68%           | 0.060%        |
| 25        | 13.210      | 1733          | 1738        | 1745         | rVB5     | 2625           | 4411          | 0.14%           | 0.013%        |
| 26        | 13.422      | 1769          | 1774        | 1781         | rVB2     | 7894           | 10844         | 0.35%           | 0.031%        |
| 27        | 13.498      | 1781          | 1787        | 1795         | rBV      | 74781          | 115430        | 3.77%           | 0.333%        |
| 28        | 14.022      | 1868          | 1876        | 1885         | rBV      | 1464044        | 1993526       | 65.07%          | 5.747%        |
| 29        | 14.304      | 1917          | 1924        | 1942         | rVB      | 1661035        | 2394293       | 78.16%          | 6.902%        |
| 30        | 14.610      | 1969          | 1976        | 1988         | rVB      | 1270093        | 1813829       | 59.21%          | 5.229%        |
| 31        | 14.822      | 2006          | 2012        | 2025         | rBV      | 117397         | 206946        | 6.76%           | 0.597%        |
| 32        | 14.934      | 2028          | 2031        | 2035         | rVB6     | 2516           | 4130          | 0.13%           | 0.012%        |
| 33        | 15.016      | 2042          | 2045        | 2051         | rVB5     | 4863           | 5766          | 0.19%           | 0.017%        |
| 34        | 15.357      | 2097          | 2103        | 2108         | rBV      | 275635         | 352038        | 11.49%          | 1.015%        |
| 35        | 15.398      | 2108          | 2110        | 2113         | rVV      | 5979           | 7820          | 0.26%           | 0.023%        |
| 36        | 15.445      | 2113          | 2118        | 2124         | rVB6     | 6144           | 12512         | 0.41%           | 0.036%        |

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Instrument :  
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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\_N\Methods\SFAM-EPA-BN101222.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |         |        |
|----|--------|------|------|------|------|---------|---------|---------|--------|
| 37 | 15.604 | 2138 | 2145 | 2153 | rBV  | 2073104 | 2899990 | 94.66%  | 8.360% |
| 38 | 15.734 | 2161 | 2167 | 2180 | rBV  | 621809  | 872246  | 28.47%  | 2.514% |
| 39 | 15.845 | 2182 | 2186 | 2193 | rVB2 | 8656    | 12894   | 0.42%   | 0.037% |
| 40 | 15.963 | 2202 | 2206 | 2210 | rBV3 | 4368    | 5964    | 0.19%   | 0.017% |
| 41 | 16.057 | 2217 | 2222 | 2227 | rVB7 | 4745    | 8406    | 0.27%   | 0.024% |
| 42 | 16.322 | 2262 | 2267 | 2272 | rVB4 | 3062    | 5872    | 0.19%   | 0.017% |
| 43 | 16.481 | 2289 | 2294 | 2295 | rBV3 | 6614    | 9232    | 0.30%   | 0.027% |
| 44 | 16.751 | 2338 | 2340 | 2347 | rVB6 | 2939    | 4589    | 0.15%   | 0.013% |
| 45 | 17.122 | 2397 | 2403 | 2407 | rBV3 | 18480   | 30605   | 1.00%   | 0.088% |
| 46 | 17.233 | 2418 | 2422 | 2425 | rBV5 | 4141    | 5775    | 0.19%   | 0.017% |
| 47 | 17.275 | 2425 | 2429 | 2437 | rVV2 | 20169   | 27674   | 0.90%   | 0.080% |
| 48 | 17.369 | 2438 | 2445 | 2451 | rVV  | 1227760 | 1774064 | 57.91%  | 5.114% |
| 49 | 17.463 | 2455 | 2461 | 2479 | rVB  | 2058894 | 3063455 | 100.00% | 8.831% |
| 50 | 17.651 | 2487 | 2493 | 2498 | rBV  | 8370    | 14448   | 0.47%   | 0.042% |
| 51 | 17.751 | 2506 | 2510 | 2517 | rVB7 | 6891    | 12873   | 0.42%   | 0.037% |
| 52 | 17.857 | 2524 | 2528 | 2531 | rBV4 | 4052    | 5685    | 0.19%   | 0.016% |
| 53 | 17.898 | 2533 | 2535 | 2540 | rVB4 | 3777    | 4843    | 0.16%   | 0.014% |
| 54 | 17.980 | 2546 | 2549 | 2551 | rBV3 | 3968    | 4932    | 0.16%   | 0.014% |
| 55 | 18.033 | 2553 | 2558 | 2564 | rVV  | 85462   | 107357  | 3.50%   | 0.309% |
| 56 | 18.133 | 2572 | 2575 | 2577 | rBV4 | 3114    | 3539    | 0.12%   | 0.010% |
| 57 | 18.257 | 2591 | 2596 | 2602 | rBV  | 28714   | 43724   | 1.43%   | 0.126% |
| 58 | 18.339 | 2605 | 2610 | 2616 | rVV  | 40387   | 59076   | 1.93%   | 0.170% |
| 59 | 18.551 | 2642 | 2646 | 2650 | rBV2 | 9933    | 13179   | 0.43%   | 0.038% |
| 60 | 18.686 | 2665 | 2669 | 2674 | rBV  | 34013   | 42493   | 1.39%   | 0.122% |
| 61 | 19.127 | 2740 | 2744 | 2750 | rBV9 | 6859    | 15586   | 0.51%   | 0.045% |
| 62 | 19.210 | 2754 | 2758 | 2762 | rVB  | 184271  | 207842  | 6.78%   | 0.599% |
| 63 | 19.339 | 2774 | 2780 | 2785 | rBV3 | 60563   | 97038   | 3.17%   | 0.280% |
| 64 | 19.398 | 2786 | 2790 | 2797 | rBV  | 22644   | 39416   | 1.29%   | 0.114% |
| 65 | 19.533 | 2810 | 2813 | 2822 | rBV8 | 11143   | 17788   | 0.58%   | 0.051% |
| 66 | 19.769 | 2847 | 2853 | 2866 | rBV2 | 2189495 | 2932810 | 95.74%  | 8.454% |
| 67 | 20.510 | 2975 | 2979 | 2986 | rVB  | 119167  | 144772  | 4.73%   | 0.417% |
| 68 | 21.474 | 3140 | 3143 | 3147 | rBV  | 40778   | 45669   | 1.49%   | 0.132% |
| 69 | 21.568 | 3154 | 3159 | 3165 | rBV  | 1117851 | 1418252 | 46.30%  | 4.088% |
| 70 | 23.868 | 3543 | 3550 | 3561 | rVB  | 1337238 | 2686086 | 87.68%  | 7.743% |
| 71 | 24.027 | 3570 | 3577 | 3588 | rVB2 | 706728  | 1470667 | 48.01%  | 4.240% |

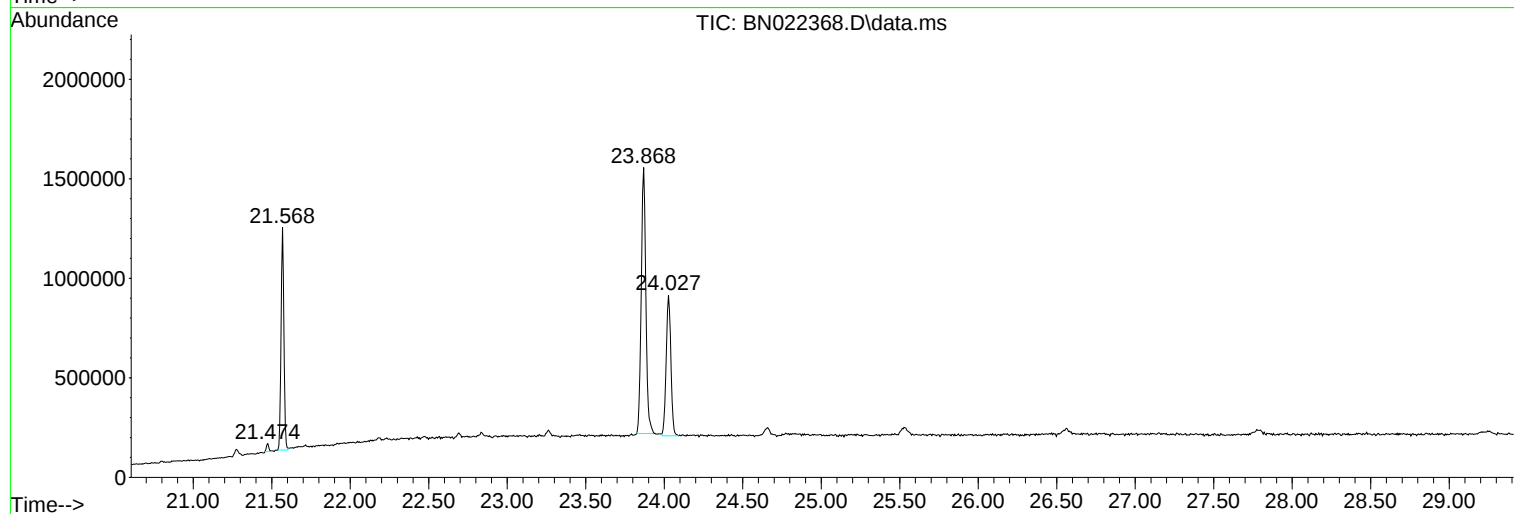
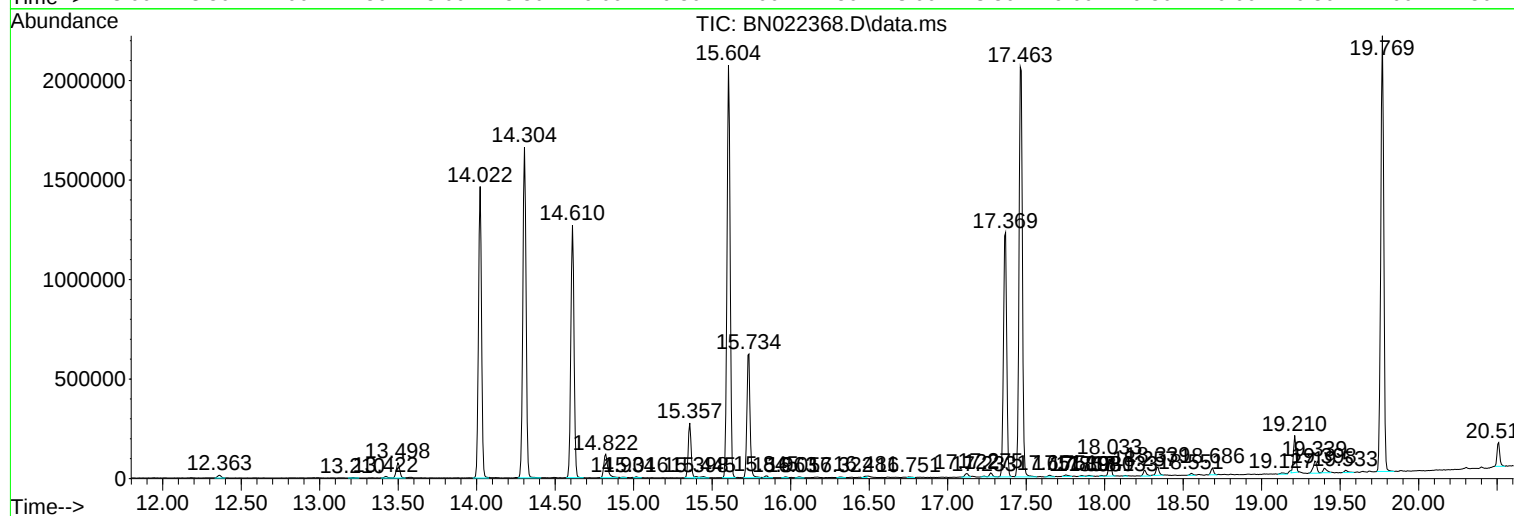
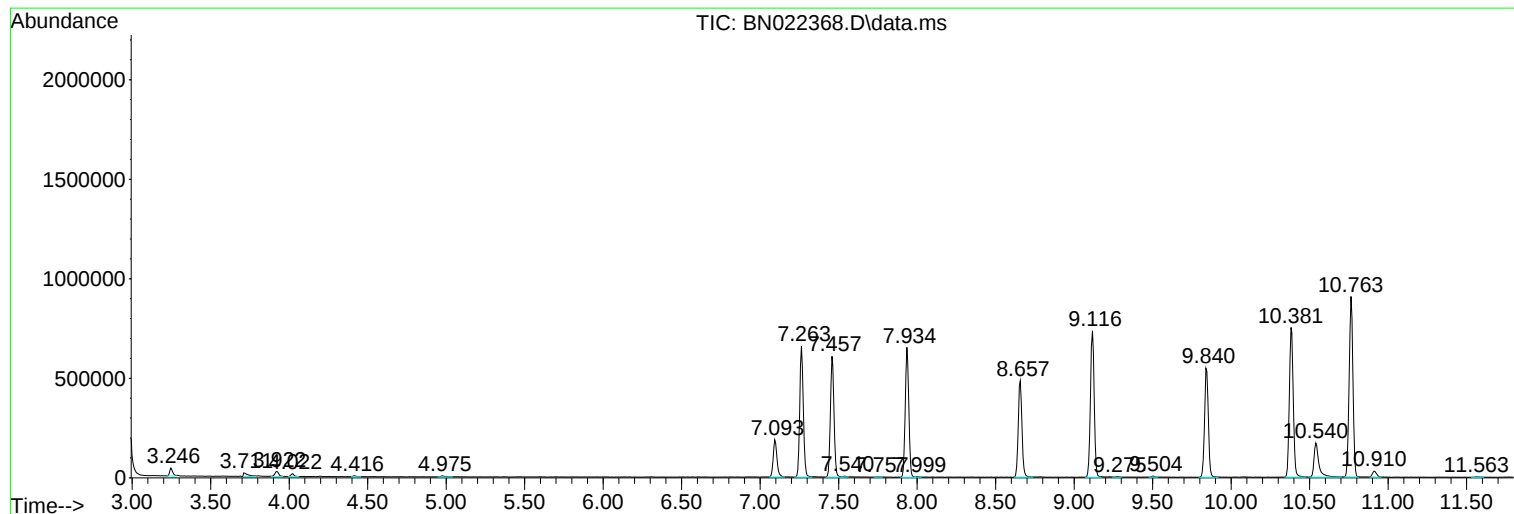
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Sample : N5232-02  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
BHAC3

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN101222.M  
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN102922\  
Data File : BN022368.D  
Acq On : 27 Oct 2022 19:18  
Operator : CG/JU  
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Misc :  
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Instrument :  
BNA\_N  
ClientSampleId :  
BHAC3

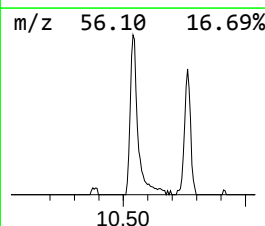
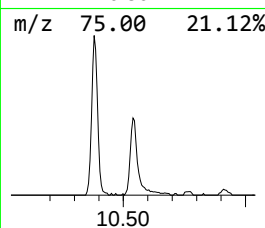
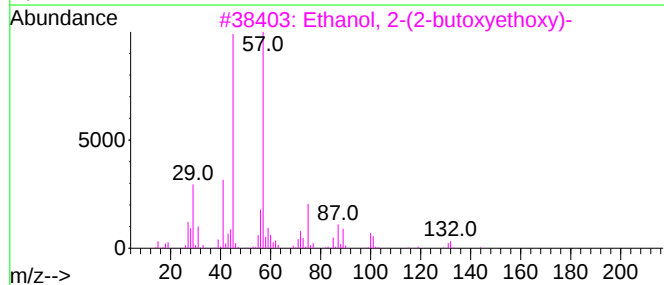
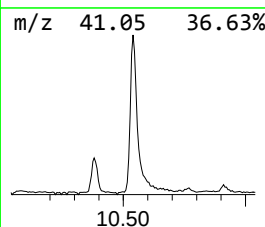
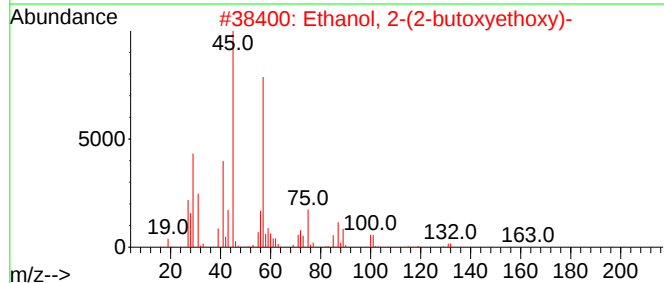
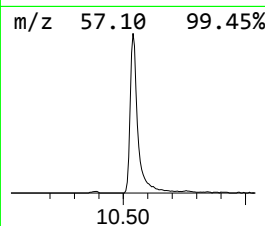
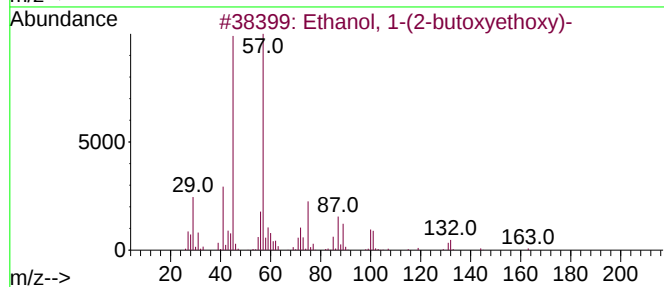
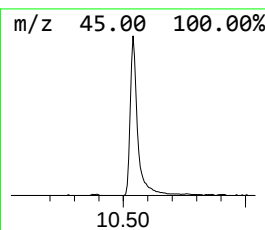
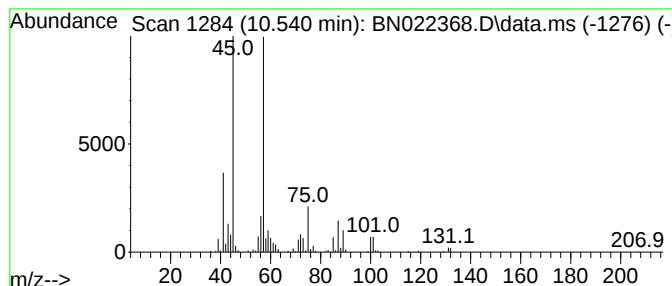
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN101222.M  
Quant Title : SVOA CALIBRATION

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

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

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 10.540 | 4.75 ng/ul | 354269 | Naphthalene-d8   | 10.763 |

| Hit# | of | 5 | Tentative ID                 | MW  | MolForm | CAS#        | Qual |
|------|----|---|------------------------------|-----|---------|-------------|------|
| 1    |    |   | Ethanol, 1-(2-butoxyethoxy)- | 162 | C8H18O3 | 054446-78-5 | 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, 2-(2-butoxyethoxy)- | 162 | C8H18O3 | 000112-34-5 | 90   |
| 5    |    |   | Ethanol, 2-(2-butoxyethoxy)- | 162 | C8H18O3 | 000112-34-5 | 90   |



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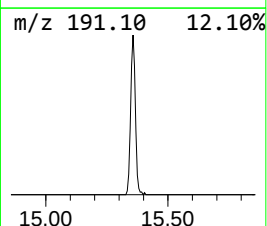
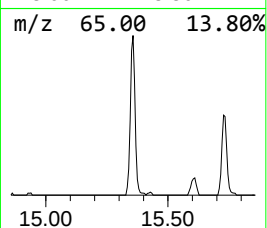
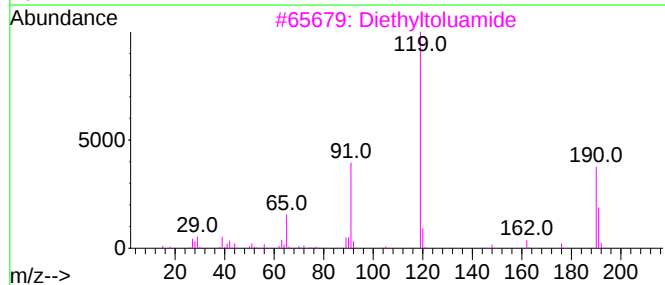
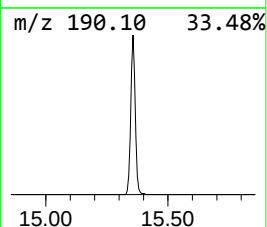
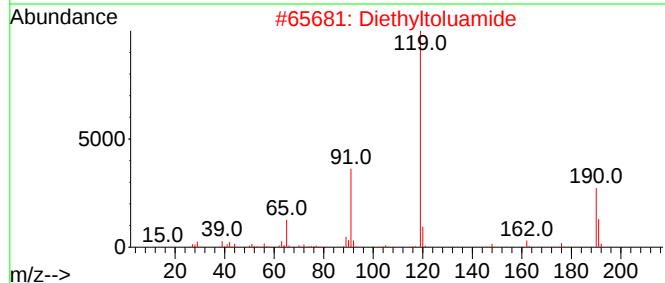
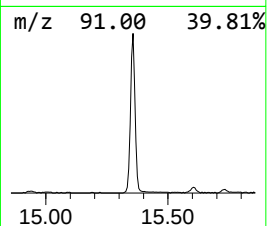
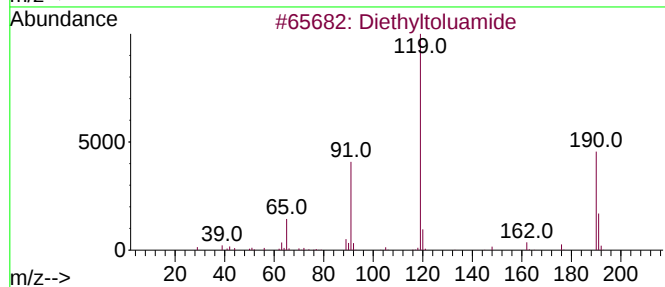
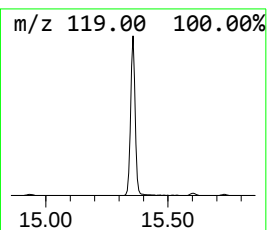
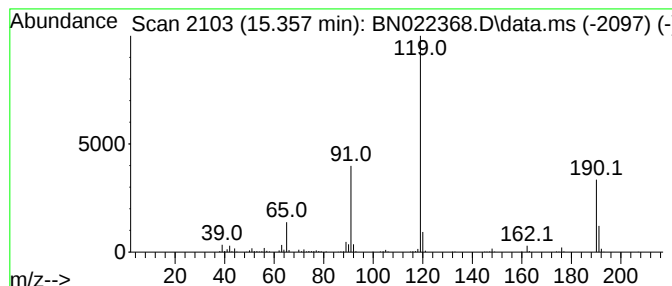
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN101222.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 2 Diethyltoluamide Concentration Rank 2

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 15.357 | 3.88 ng/ul | 352038 | Acenaphthene-d10 | 14.610 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|----------|--------------|------|
| 1    |    |   | Diethyltoluamide                    | 191 | C12H17NO | 000134-62-3  | 97   |
| 2    |    |   | Diethyltoluamide                    | 191 | C12H17NO | 000134-62-3  | 96   |
| 3    |    |   | Diethyltoluamide                    | 191 | C12H17NO | 000134-62-3  | 93   |
| 4    |    |   | Benzamide, 3-methyl-N-methyl-N-p... | 191 | C12H17NO | 1000421-46-2 | 90   |
| 5    |    |   | Benzamide, 3-methyl-N-butyl-        | 191 | C12H17NO | 1000407-41-1 | 87   |



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BHAC3

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN101222.M  
Quant Title : SVOA CALIBRATION

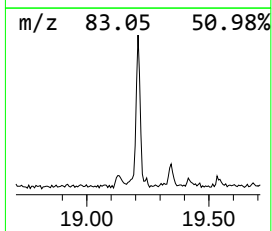
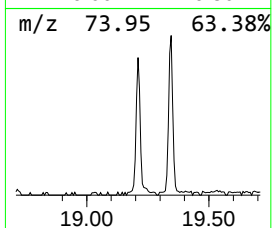
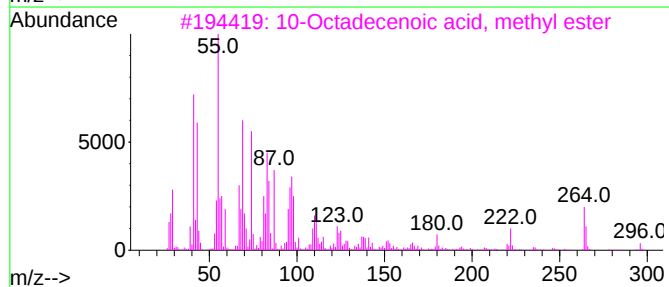
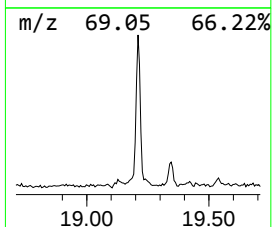
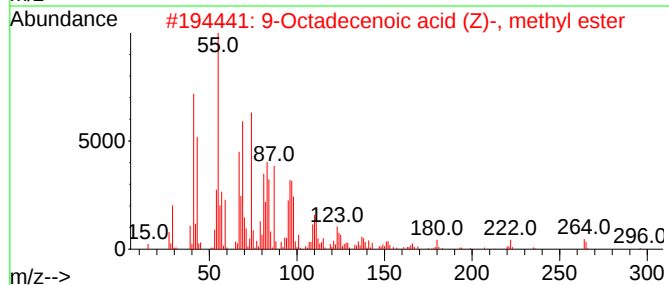
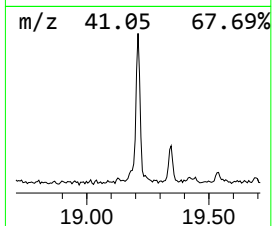
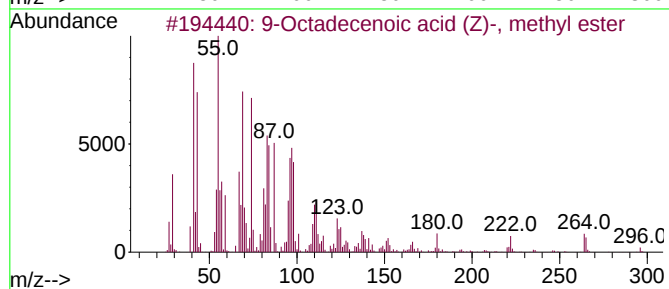
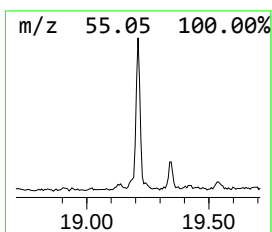
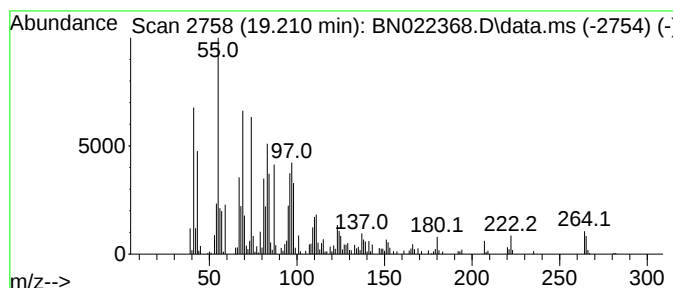
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 3 9-Octadecenoic acid (Z)-, m... Concentration Rank 3

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 19.210 | 2.34 ng/ul | 207842 | Phenanthrene-d10 | 17.369 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | 9-Octadecenoic acid (Z)-, methyl... | 296 | C19H36O2 | 000112-62-9 | 95   |
| 2    |    |   | 9-Octadecenoic acid (Z)-, methyl... | 296 | C19H36O2 | 000112-62-9 | 94   |
| 3    |    |   | 10-Octadecenoic acid, methyl ester  | 296 | C19H36O2 | 013481-95-3 | 91   |
| 4    |    |   | 14-Octadecenoic acid, methyl ester  | 296 | C19H36O2 | 056554-48-4 | 91   |
| 5    |    |   | 9-Hexadecenoic acid, methyl este... | 268 | C17H32O2 | 001120-25-8 | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN102922\  
Data File : BN022368.D  
Acq On : 27 Oct 2022 19:18  
Operator : CG/JU  
Sample : N5232-02  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
BHAC3

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN101222.M  
Quant Title : SVOA CALIBRATION

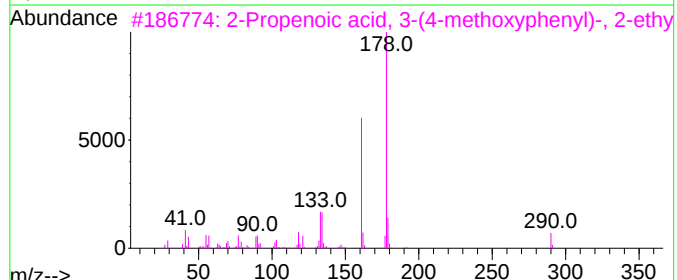
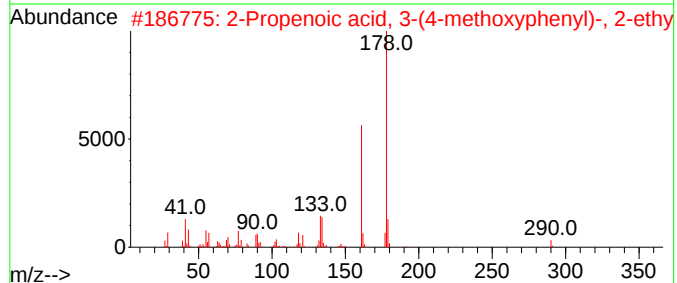
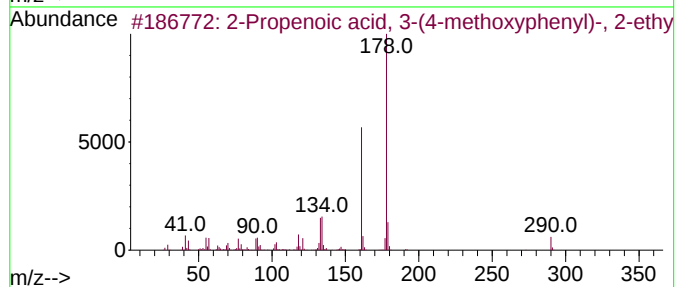
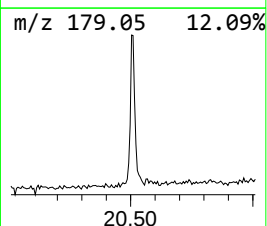
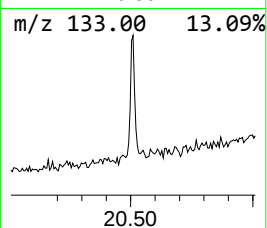
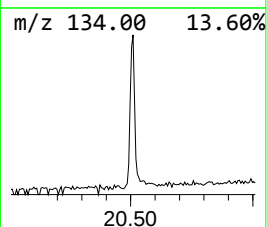
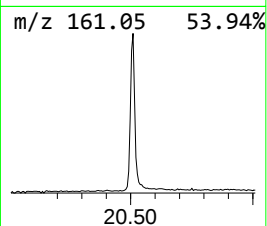
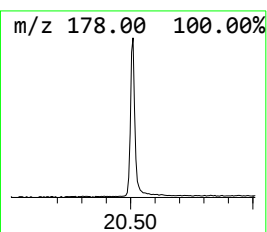
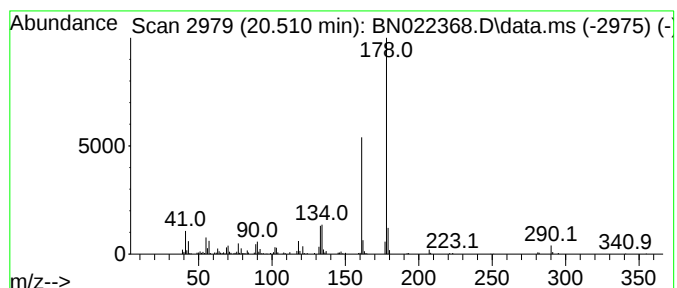
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 4 2-Propenoic acid, 3-(4-meth... Concentration Rank 4

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 20.510 | 2.04 ng/ul | 144772 | Chrysene-d12     | 21.569 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | 2-Propenoic acid, 3-(4-methoxyph... | 290 | C18H26O3 | 005466-77-3 | 98   |
| 2    |    |   | 2-Propenoic acid, 3-(4-methoxyph... | 290 | C18H26O3 | 005466-77-3 | 98   |
| 3    |    |   | 2-Propenoic acid, 3-(4-methoxyph... | 290 | C18H26O3 | 005466-77-3 | 97   |
| 4    |    |   | 2-Ethylhexyl trans-4-methoxycinn... | 290 | C18H26O3 | 083834-59-7 | 97   |
| 5    |    |   | 2-Propenoic acid, 3-(4-methoxyph... | 290 | C18H26O3 | 005466-77-3 | 94   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN102922\  
Data File : BN022368.D  
Acq On : 27 Oct 2022 19:18  
Operator : CG/JU  
Sample : N5232-02  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
BHAC3

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN101222.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, 1-(2-b... | 10.540 | 4.8     | ng/ul | 354269   | 2                     | 10.763 | 1493000 | 20.0 |
| Diethyltoluamide   | 15.357 | 3.9     | ng/ul | 352038   | 3                     | 14.610 | 1813830 | 20.0 |
| 9-Octadecenoic ... | 19.210 | 2.3     | ng/ul | 207842   | 4                     | 17.369 | 1774060 | 20.0 |
| 2-Propenoic aci... | 20.510 | 2.0     | ng/ul | 144772   | 5                     | 21.569 | 1418250 | 20.0 |