

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM101121\  
 Data File : BM032436.D  
 Acq On : 12 Oct 2021 00:51  
 Operator : CG/JU  
 Sample : M4029-06  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C00R1

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-BM100521.M  
 Title : SVOA CALIBRATION

Signal : TIC: BM032436.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         | 2.954       | 17            | 20          | 27           | rVB      | 17539          | 22181         | 0.54%           | 0.066%        |
| 2         | 3.254       | 69            | 71          | 76           | rVB4     | 3499           | 4450          | 0.11%           | 0.013%        |
| 3         | 3.396       | 91            | 95          | 107          | rBV      | 116029         | 207200        | 5.03%           | 0.620%        |
| 4         | 3.502       | 110           | 113         | 117          | rVV5     | 7763           | 9201          | 0.22%           | 0.028%        |
| 5         | 3.649       | 132           | 138         | 144          | rBV      | 23600          | 38312         | 0.93%           | 0.115%        |
| 6         | 3.731       | 149           | 152         | 159          | rVB      | 12536          | 18974         | 0.46%           | 0.057%        |
| 7         | 3.984       | 191           | 195         | 199          | rBV2     | 11508          | 14647         | 0.36%           | 0.044%        |
| 8         | 4.413       | 265           | 268         | 271          | rBV2     | 5676           | 7195          | 0.17%           | 0.022%        |
| 9         | 4.690       | 309           | 315         | 320          | rBV      | 9058           | 15070         | 0.37%           | 0.045%        |
| 10        | 5.331       | 418           | 424         | 428          | rVB6     | 3308           | 5121          | 0.12%           | 0.015%        |
| 11        | 6.584       | 633           | 637         | 641          | rBV5     | 3373           | 4706          | 0.11%           | 0.014%        |
| 12        | 6.748       | 659           | 665         | 668          | rBV8     | 3314           | 5635          | 0.14%           | 0.017%        |
| 13        | 6.801       | 668           | 674         | 685          | rVV      | 285550         | 439143        | 10.66%          | 1.314%        |
| 14        | 6.937       | 691           | 697         | 710          | rVB      | 238652         | 372652        | 9.05%           | 1.115%        |
| 15        | 7.148       | 727           | 733         | 742          | rBV      | 286917         | 456563        | 11.08%          | 1.366%        |
| 16        | 7.225       | 742           | 746         | 749          | rVV2     | 6442           | 11584         | 0.28%           | 0.035%        |
| 17        | 7.254       | 749           | 751         | 758          | rVB7     | 7271           | 11008         | 0.27%           | 0.033%        |
| 18        | 7.437       | 775           | 782         | 785          | rVB6     | 2381           | 4366          | 0.11%           | 0.013%        |
| 19        | 7.613       | 805           | 812         | 823          | rBV      | 682776         | 1051629       | 25.53%          | 3.146%        |
| 20        | 7.695       | 823           | 826         | 835          | rVB      | 3784           | 7772          | 0.19%           | 0.023%        |
| 21        | 7.866       | 850           | 855         | 860          | rBV6     | 5588           | 9666          | 0.23%           | 0.029%        |
| 22        | 8.336       | 927           | 935         | 943          | rBV      | 310664         | 490906        | 11.92%          | 1.469%        |
| 23        | 8.431       | 948           | 951         | 956          | rVB2     | 13310          | 22136         | 0.54%           | 0.066%        |
| 24        | 8.766       | 1001          | 1008        | 1019         | rBV      | 278310         | 452866        | 10.99%          | 1.355%        |
| 25        | 9.231       | 1082          | 1087        | 1095         | rVB9     | 3901           | 8643          | 0.21%           | 0.026%        |
| 26        | 9.489       | 1123          | 1131        | 1142         | rBV      | 226821         | 373639        | 9.07%           | 1.118%        |
| 27        | 9.972       | 1208          | 1213        | 1217         | rBV3     | 4895           | 7950          | 0.19%           | 0.024%        |
| 28        | 10.031      | 1217          | 1223        | 1233         | rBV      | 355981         | 598040        | 14.52%          | 1.789%        |
| 29        | 10.178      | 1242          | 1248        | 1258         | rBV      | 298482         | 431213        | 10.47%          | 1.290%        |
| 30        | 10.401      | 1279          | 1286        | 1301         | rBV      | 1085852        | 1724289       | 41.86%          | 5.159%        |
| 31        | 10.536      | 1301          | 1309        | 1331         | rVV      | 375657         | 619530        | 15.04%          | 1.854%        |
| 32        | 11.201      | 1418          | 1422        | 1428         | rVB6     | 6659           | 10325         | 0.25%           | 0.031%        |
| 33        | 11.983      | 1551          | 1555        | 1556         | rBV4     | 5401           | 4838          | 0.12%           | 0.014%        |
| 34        | 12.613      | 1658          | 1662        | 1666         | rBV2     | 13107          | 17459         | 0.42%           | 0.052%        |
| 35        | 12.860      | 1699          | 1704        | 1708         | rBV2     | 14045          | 20206         | 0.49%           | 0.060%        |
| 36        | 12.983      | 1723          | 1725        | 1733         | rVB6     | 2501           | 4313          | 0.10%           | 0.013%        |

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Instrument :  
 BNA\_M  
 ClientSampleId :  
 C00R1

Integration Parameters: LSCINT.P

Integrator: RTE

Soothing : 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-BM100521.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 37 | 13.101 | 1738 | 1745 | 1749 | rVV6 | 4244    | 7838    | 0.19%  | 0.023% |
| 38 | 13.160 | 1751 | 1755 | 1763 | rVB5 | 10059   | 17047   | 0.41%  | 0.051% |
| 39 | 13.577 | 1822 | 1826 | 1830 | rBV6 | 3762    | 4479    | 0.11%  | 0.013% |
| 40 | 13.660 | 1834 | 1840 | 1847 | rBV  | 813709  | 1112320 | 27.00% | 3.328% |
| 41 | 13.801 | 1860 | 1864 | 1871 | rVB7 | 2087    | 4340    | 0.11%  | 0.013% |
| 42 | 13.907 | 1877 | 1882 | 1883 | rBV3 | 6772    | 7758    | 0.19%  | 0.023% |
| 43 | 13.948 | 1883 | 1889 | 1899 | rVV  | 864747  | 1203760 | 29.22% | 3.602% |
| 44 | 14.071 | 1904 | 1910 | 1918 | rVB  | 28113   | 61668   | 1.50%  | 0.185% |
| 45 | 14.260 | 1935 | 1942 | 1955 | rVB  | 1889432 | 2622259 | 63.66% | 7.846% |
| 46 | 14.413 | 1965 | 1968 | 1972 | rVB5 | 5123    | 6834    | 0.17%  | 0.020% |
| 47 | 14.466 | 1972 | 1977 | 1992 | rBV  | 235114  | 365026  | 8.86%  | 1.092% |
| 48 | 14.677 | 2007 | 2013 | 2018 | rVB6 | 16165   | 30988   | 0.75%  | 0.093% |
| 49 | 15.065 | 2073 | 2079 | 2084 | rBV3 | 10043   | 17207   | 0.42%  | 0.051% |
| 50 | 15.113 | 2084 | 2087 | 2091 | rVB4 | 4773    | 6577    | 0.16%  | 0.020% |
| 51 | 15.248 | 2104 | 2110 | 2119 | rBV  | 1216753 | 1660697 | 40.32% | 4.969% |
| 52 | 15.365 | 2124 | 2130 | 2140 | rBV  | 238541  | 326349  | 7.92%  | 0.976% |
| 53 | 15.489 | 2146 | 2151 | 2155 | rVB2 | 14608   | 20608   | 0.50%  | 0.062% |
| 54 | 15.612 | 2168 | 2172 | 2177 | rVV8 | 4702    | 5680    | 0.14%  | 0.017% |
| 55 | 15.683 | 2177 | 2184 | 2190 | rVB8 | 8971    | 17779   | 0.43%  | 0.053% |
| 56 | 15.930 | 2222 | 2226 | 2231 | rBV2 | 8138    | 13595   | 0.33%  | 0.041% |
| 57 | 15.965 | 2231 | 2232 | 2238 | rVB5 | 4686    | 4651    | 0.11%  | 0.014% |
| 58 | 16.130 | 2254 | 2260 | 2261 | rBV6 | 5010    | 8329    | 0.20%  | 0.025% |
| 59 | 16.530 | 2325 | 2328 | 2333 | rVB4 | 8823    | 12016   | 0.29%  | 0.036% |
| 60 | 16.777 | 2361 | 2370 | 2374 | rBV  | 9905    | 19858   | 0.48%  | 0.059% |
| 61 | 16.907 | 2390 | 2392 | 2396 | rVB5 | 5947    | 6982    | 0.17%  | 0.021% |
| 62 | 16.989 | 2399 | 2406 | 2411 | rBV  | 2360240 | 3203802 | 77.78% | 9.586% |
| 63 | 17.083 | 2416 | 2422 | 2434 | rVV  | 1326706 | 1773813 | 43.06% | 5.307% |
| 64 | 17.177 | 2434 | 2438 | 2442 | rVB5 | 22856   | 32668   | 0.79%  | 0.098% |
| 65 | 17.265 | 2450 | 2453 | 2458 | rBV2 | 4076    | 4869    | 0.12%  | 0.015% |
| 66 | 17.371 | 2466 | 2471 | 2476 | rBV9 | 6141    | 13409   | 0.33%  | 0.040% |
| 67 | 17.489 | 2486 | 2491 | 2492 | rBV5 | 2854    | 4726    | 0.11%  | 0.014% |
| 68 | 17.654 | 2515 | 2519 | 2522 | rBV  | 23521   | 27429   | 0.67%  | 0.082% |
| 69 | 17.730 | 2529 | 2532 | 2535 | rBV5 | 2400    | 4565    | 0.11%  | 0.014% |
| 70 | 17.877 | 2551 | 2557 | 2560 | rBV  | 72559   | 95562   | 2.32%  | 0.286% |
| 71 | 17.942 | 2565 | 2568 | 2573 | rVB  | 8683    | 13266   | 0.32%  | 0.040% |
| 72 | 18.171 | 2603 | 2607 | 2609 | rBV5 | 4215    | 6180    | 0.15%  | 0.018% |
| 73 | 18.765 | 2704 | 2708 | 2713 | rBV5 | 16062   | 26826   | 0.65%  | 0.080% |
| 74 | 18.824 | 2715 | 2718 | 2724 | rVB6 | 18933   | 24728   | 0.60%  | 0.074% |
| 75 | 18.936 | 2733 | 2737 | 2742 | rVB6 | 16601   | 27793   | 0.67%  | 0.083% |
| 76 | 19.006 | 2745 | 2749 | 2751 | rBV  | 18906   | 26117   | 0.63%  | 0.078% |

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Instrument :  
BNA\_M  
ClientSampleId :  
C00R1

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-BM100521.M  
Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |         |         |
|----|--------|------|------|------|------|---------|---------|---------|---------|
| 77 | 19.036 | 2751 | 2754 | 2759 | rVB  | 78483   | 94499   | 2.29%   | 0.283%  |
| 78 | 19.148 | 2771 | 2773 | 2779 | rBV5 | 13405   | 16926   | 0.41%   | 0.051%  |
| 79 | 19.371 | 2805 | 2811 | 2822 | rBV  | 1753214 | 2369453 | 57.52%  | 7.089%  |
| 80 | 20.853 | 3060 | 3063 | 3067 | rBV2 | 74087   | 90949   | 2.21%   | 0.272%  |
| 81 | 21.147 | 3108 | 3113 | 3118 | rBV  | 2904518 | 3760671 | 91.30%  | 11.252% |
| 82 | 23.159 | 3449 | 3455 | 3470 | rVB2 | 1396211 | 2617885 | 63.55%  | 7.832%  |
| 83 | 23.294 | 3472 | 3478 | 3494 | rVB2 | 2316428 | 4119173 | 100.00% | 12.324% |

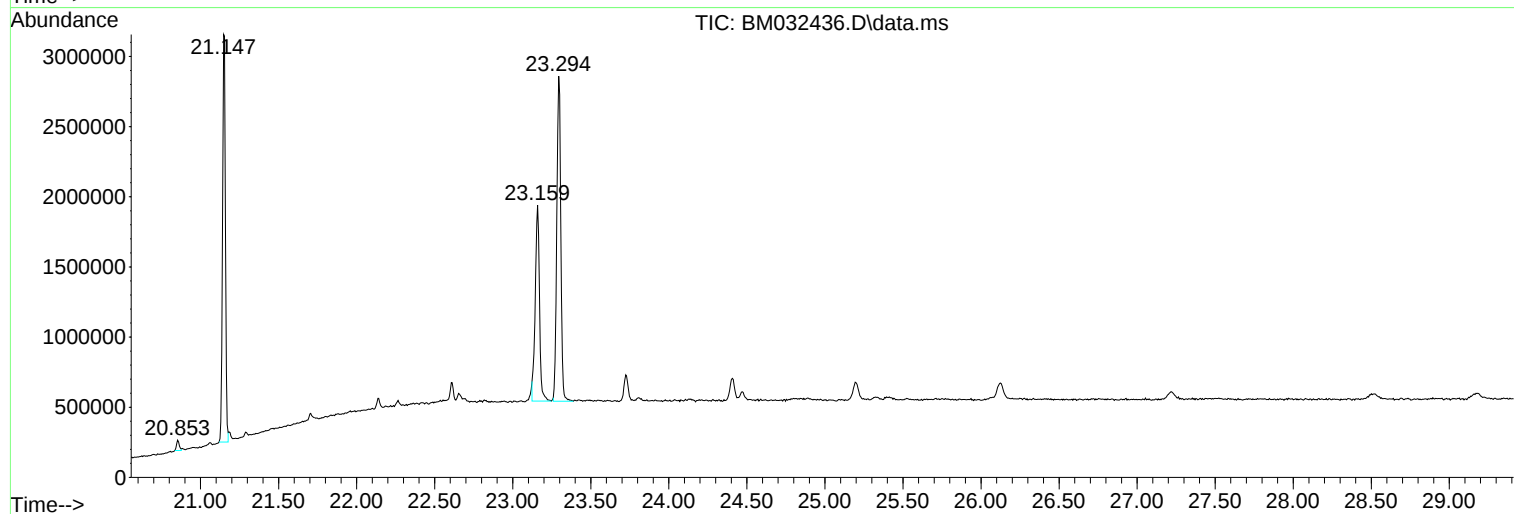
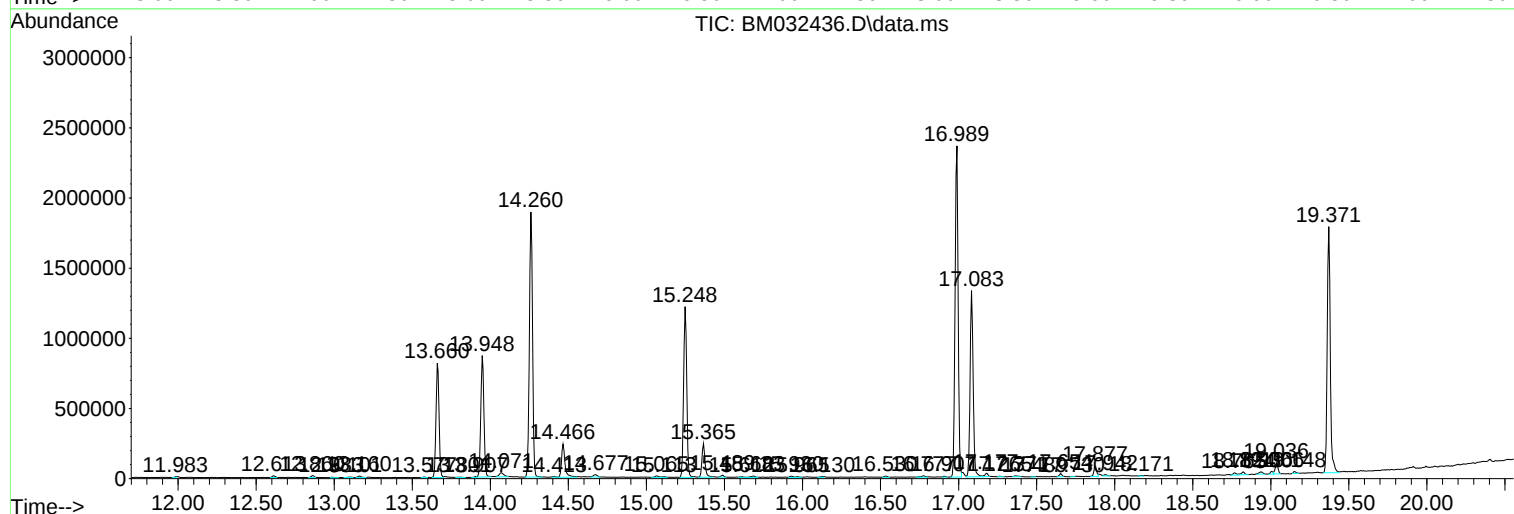
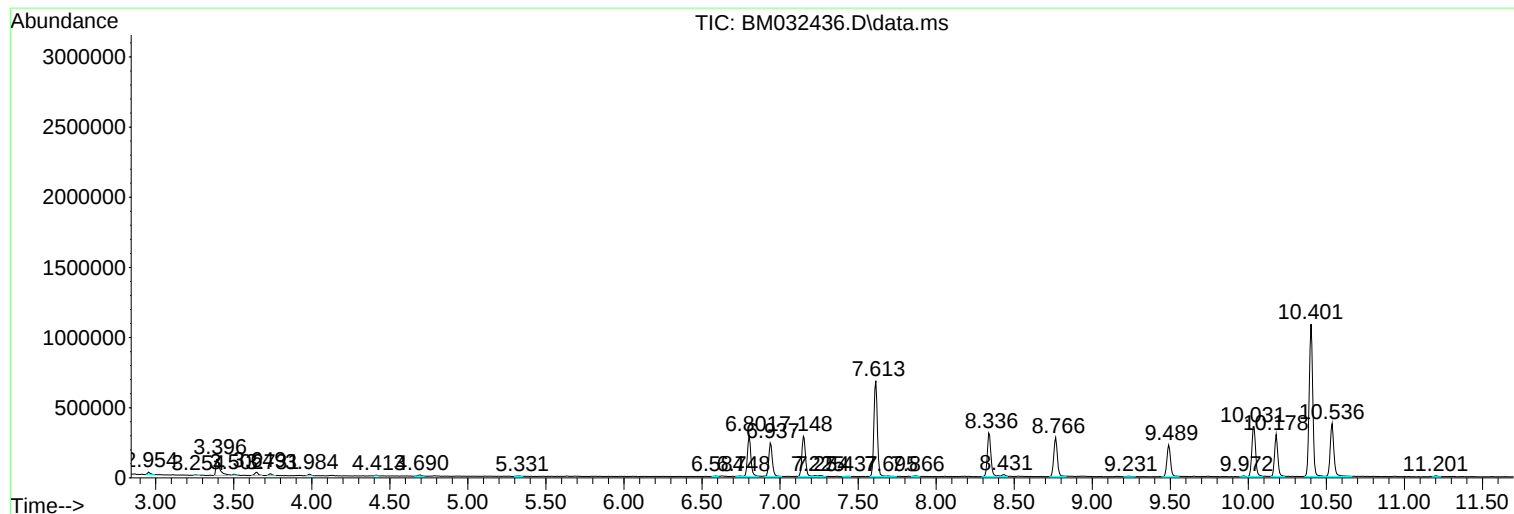
Sum of corrected areas: 33423382

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-BM100521.M  
Quant Title : SVOA CALIBRATION

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



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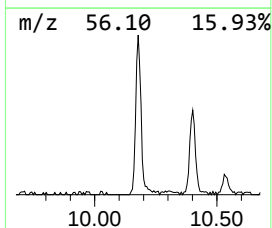
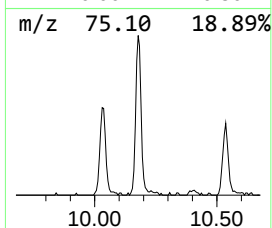
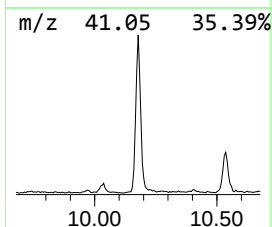
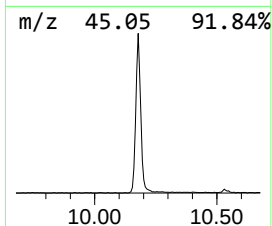
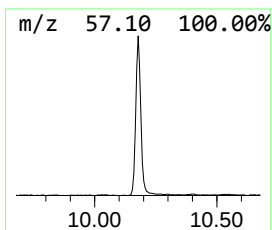
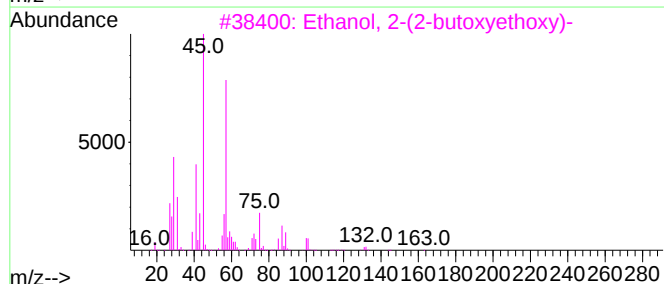
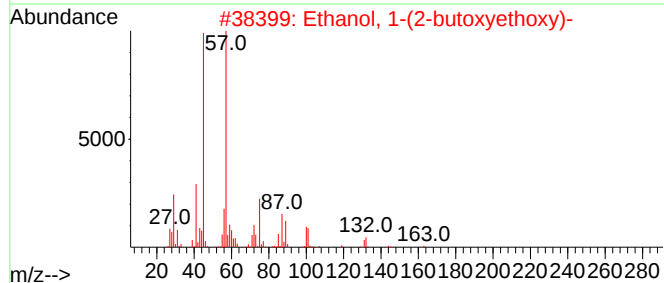
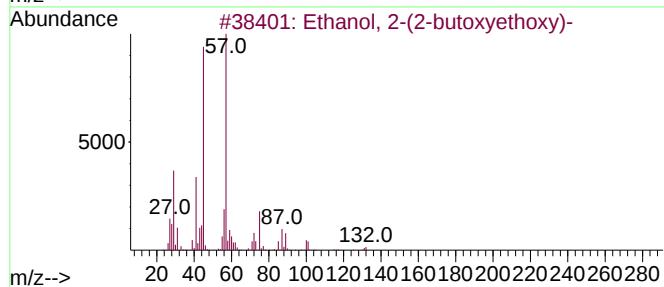
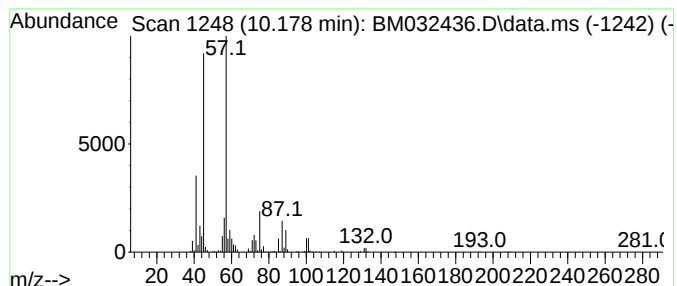
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-BM100521.M  
Quant Title : SVOA CALIBRATION

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.   |
|--------|------------|--------|------------------|--------|
| 10.178 | 5.00 ng/ul | 431213 | Naphthalene-d8   | 10.401 |

| Hit# | of | 5 | Tentative ID                 | MW  | MolForm | CAS#        | Qual |
|------|----|---|------------------------------|-----|---------|-------------|------|
| 1    |    |   | Ethanol, 2-(2-butoxyethoxy)- | 162 | C8H18O3 | 000112-34-5 | 90   |
| 2    |    |   | Ethanol, 1-(2-butoxyethoxy)- | 162 | C8H18O3 | 054446-78-5 | 90   |
| 3    |    |   | Ethanol, 2-(2-butoxyethoxy)- | 162 | C8H18O3 | 000112-34-5 | 86   |
| 4    |    |   | Ethanol, 2-(2-butoxyethoxy)- | 162 | C8H18O3 | 000112-34-5 | 83   |
| 5    |    |   | Ethanol, 1-(2-butoxyethoxy)- | 162 | C8H18O3 | 054446-78-5 | 83   |



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TIC Integration Parameters: LSCINT.P

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |         |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|---------|------|
|                    |        |         |       |          | #                     | RT     | Resp    | Conc |
| Ethanol, 2-(2-b... | 10.178 | 5.0     | ng/ul | 431213   | 2                     | 10.401 | 1724290 | 20.0 |