

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM101121\  
 Data File : BM032455.D  
 Acq On : 12 Oct 2021 12:53  
 Operator : CG/JU  
 Sample : M4098-14  
 Misc :  
 ALS Vial : 41 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 YAT45

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: BM032455.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         | 2.955       | 16            | 20          | 31           | rVB      | 63461          | 95879         | 1.14%           | 0.119%        |
| 2         | 3.261       | 70            | 72          | 78           | rVB3     | 6528           | 9081          | 0.11%           | 0.011%        |
| 3         | 3.396       | 92            | 95          | 107          | rBV      | 99969          | 160520        | 1.92%           | 0.199%        |
| 4         | 3.643       | 132           | 137         | 143          | rBV      | 20738          | 36629         | 0.44%           | 0.046%        |
| 5         | 3.731       | 148           | 152         | 160          | rVB      | 13700          | 23287         | 0.28%           | 0.029%        |
| 6         | 5.690       | 481           | 485         | 489          | rVB3     | 7412           | 11208         | 0.13%           | 0.014%        |
| 7         | 6.631       | 641           | 645         | 650          | rVB      | 8202           | 10618         | 0.13%           | 0.013%        |
| 8         | 6.801       | 667           | 674         | 686          | rVB      | 283576         | 445483        | 5.32%           | 0.554%        |
| 9         | 6.937       | 691           | 697         | 706          | rBV      | 949925         | 1442346       | 17.22%          | 1.792%        |
| 10        | 7.148       | 727           | 733         | 741          | rBV      | 990287         | 1482884       | 17.71%          | 1.843%        |
| 11        | 7.213       | 741           | 744         | 748          | rVB      | 12129          | 18256         | 0.22%           | 0.023%        |
| 12        | 7.607       | 805           | 811         | 821          | rBV      | 1035753        | 1584425       | 18.92%          | 1.969%        |
| 13        | 7.690       | 821           | 825         | 829          | rVB      | 8060           | 12781         | 0.15%           | 0.016%        |
| 14        | 8.337       | 927           | 935         | 949          | rBV      | 839026         | 1305344       | 15.59%          | 1.622%        |
| 15        | 8.760       | 1000          | 1007        | 1021         | rBV      | 1164155        | 1856399       | 22.17%          | 2.307%        |
| 16        | 8.907       | 1029          | 1032        | 1035         | rBV5     | 7214           | 11105         | 0.13%           | 0.014%        |
| 17        | 9.242       | 1084          | 1089        | 1092         | rVB2     | 11342          | 16483         | 0.20%           | 0.020%        |
| 18        | 9.484       | 1123          | 1130        | 1145         | rBV      | 945166         | 1540291       | 18.39%          | 1.914%        |
| 19        | 10.031      | 1216          | 1223        | 1237         | rBV      | 1433144        | 2281558       | 27.24%          | 2.835%        |
| 20        | 10.178      | 1241          | 1248        | 1262         | rVB      | 986545         | 1444693       | 17.25%          | 1.795%        |
| 21        | 10.401      | 1277          | 1286        | 1299         | rBV      | 1501818        | 2512868       | 30.01%          | 3.122%        |
| 22        | 10.531      | 1302          | 1308        | 1327         | rBV      | 995027         | 1671931       | 19.96%          | 2.077%        |
| 23        | 11.201      | 1418          | 1422        | 1426         | rBV2     | 7433           | 12441         | 0.15%           | 0.015%        |
| 24        | 11.289      | 1431          | 1437        | 1442         | rBV8     | 3946           | 9431          | 0.11%           | 0.012%        |
| 25        | 11.725      | 1505          | 1511        | 1517         | rBV      | 8816           | 14620         | 0.17%           | 0.018%        |
| 26        | 11.989      | 1549          | 1556        | 1563         | rBV2     | 27709          | 46881         | 0.56%           | 0.058%        |
| 27        | 12.607      | 1658          | 1661        | 1666         | rVB4     | 9449           | 13579         | 0.16%           | 0.017%        |
| 28        | 12.860      | 1699          | 1704        | 1712         | rVB      | 17774          | 25611         | 0.31%           | 0.032%        |
| 29        | 13.101      | 1738          | 1745        | 1751         | rBV      | 178657         | 242601        | 2.90%           | 0.301%        |
| 30        | 13.160      | 1751          | 1755        | 1759         | rVV2     | 17180          | 26660         | 0.32%           | 0.033%        |
| 31        | 13.219      | 1761          | 1765        | 1771         | rVB3     | 5874           | 10062         | 0.12%           | 0.013%        |
| 32        | 13.660      | 1834          | 1840        | 1855         | rBV      | 2985088        | 4107616       | 49.05%          | 5.104%        |
| 33        | 13.948      | 1877          | 1889        | 1906         | rBV      | 3336302        | 4809886       | 57.43%          | 5.977%        |
| 34        | 14.072      | 1906          | 1910        | 1915         | rVB7     | 5764           | 11238         | 0.13%           | 0.014%        |
| 35        | 14.260      | 1935          | 1942        | 1952         | rBV      | 2507531        | 3628415       | 43.33%          | 4.509%        |
| 36        | 14.407      | 1962          | 1967        | 1970         | rBV3     | 12933          | 19415         | 0.23%           | 0.024%        |

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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\_M\METHODS\SFAM-EPA-BM100521.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |         |         |
|----|--------|------|------|------|------|---------|---------|---------|---------|
| 37 | 14.466 | 1970 | 1977 | 1982 | rBV  | 287213  | 428914  | 5.12%   | 0.533%  |
| 38 | 14.677 | 2008 | 2013 | 2019 | rBV7 | 9214    | 16742   | 0.20%   | 0.021%  |
| 39 | 14.907 | 2046 | 2052 | 2056 | rBV5 | 5586    | 10088   | 0.12%   | 0.013%  |
| 40 | 15.066 | 2071 | 2079 | 2083 | rBV2 | 11296   | 17296   | 0.21%   | 0.021%  |
| 41 | 15.113 | 2083 | 2087 | 2091 | rVB6 | 6786    | 9019    | 0.11%   | 0.011%  |
| 42 | 15.248 | 2103 | 2110 | 2123 | rBV  | 4556293 | 6201883 | 74.05%  | 7.706%  |
| 43 | 15.366 | 2123 | 2130 | 2143 | rVV  | 1539802 | 2051618 | 24.50%  | 2.549%  |
| 44 | 15.483 | 2143 | 2150 | 2154 | rVB  | 51797   | 73843   | 0.88%   | 0.092%  |
| 45 | 15.607 | 2168 | 2171 | 2177 | rVB6 | 6140    | 8491    | 0.10%   | 0.011%  |
| 46 | 15.683 | 2177 | 2184 | 2188 | rBV3 | 22205   | 33867   | 0.40%   | 0.042%  |
| 47 | 15.871 | 2211 | 2216 | 2221 | rBV  | 14291   | 20503   | 0.24%   | 0.025%  |
| 48 | 15.924 | 2221 | 2225 | 2231 | rVV9 | 10644   | 19326   | 0.23%   | 0.024%  |
| 49 | 16.024 | 2238 | 2242 | 2250 | rVB8 | 13422   | 20172   | 0.24%   | 0.025%  |
| 50 | 16.130 | 2255 | 2260 | 2269 | rVB9 | 9912    | 22669   | 0.27%   | 0.028%  |
| 51 | 16.395 | 2301 | 2305 | 2309 | rVB3 | 13111   | 14965   | 0.18%   | 0.019%  |
| 52 | 16.777 | 2360 | 2370 | 2373 | rBV3 | 16347   | 36552   | 0.44%   | 0.045%  |
| 53 | 16.983 | 2398 | 2405 | 2415 | rBV  | 3139795 | 4396377 | 52.50%  | 5.463%  |
| 54 | 17.083 | 2415 | 2422 | 2435 | rBV2 | 5172543 | 7122675 | 85.05%  | 8.850%  |
| 55 | 17.354 | 2464 | 2468 | 2476 | rVB5 | 8899    | 15806   | 0.19%   | 0.020%  |
| 56 | 17.513 | 2492 | 2495 | 2501 | rVB2 | 6529    | 8844    | 0.11%   | 0.011%  |
| 57 | 17.654 | 2514 | 2519 | 2527 | rVB  | 120086  | 145956  | 1.74%   | 0.181%  |
| 58 | 17.877 | 2551 | 2557 | 2565 | rBV  | 194557  | 296167  | 3.54%   | 0.368%  |
| 59 | 18.171 | 2603 | 2607 | 2611 | rBV6 | 6754    | 12667   | 0.15%   | 0.016%  |
| 60 | 18.789 | 2709 | 2712 | 2714 | rBV4 | 14716   | 18589   | 0.22%   | 0.023%  |
| 61 | 18.818 | 2714 | 2717 | 2722 | rVB  | 121537  | 141433  | 1.69%   | 0.176%  |
| 62 | 18.936 | 2732 | 2737 | 2744 | rBV3 | 66407   | 112147  | 1.34%   | 0.139%  |
| 63 | 19.007 | 2744 | 2749 | 2755 | rBV  | 77160   | 122017  | 1.46%   | 0.152%  |
| 64 | 19.154 | 2769 | 2774 | 2779 | rBV  | 120555  | 159206  | 1.90%   | 0.198%  |
| 65 | 19.254 | 2789 | 2791 | 2796 | rVB2 | 9505    | 11659   | 0.14%   | 0.014%  |
| 66 | 19.301 | 2796 | 2799 | 2804 | rVB6 | 15107   | 16634   | 0.20%   | 0.021%  |
| 67 | 19.371 | 2805 | 2811 | 2823 | rVV  | 6299298 | 8374771 | 100.00% | 10.406% |
| 68 | 19.912 | 2900 | 2903 | 2906 | rVB3 | 13233   | 14882   | 0.18%   | 0.018%  |
| 69 | 20.853 | 3060 | 3063 | 3070 | rBV  | 157537  | 200274  | 2.39%   | 0.249%  |
| 70 | 21.148 | 3108 | 3113 | 3124 | rBV  | 3778409 | 4880318 | 58.27%  | 6.064%  |
| 71 | 22.142 | 3279 | 3282 | 3288 | rVB3 | 125242  | 146111  | 1.74%   | 0.182%  |
| 72 | 22.606 | 3359 | 3361 | 3368 | rVB  | 222352  | 277438  | 3.31%   | 0.345%  |
| 73 | 23.165 | 3447 | 3456 | 3466 | rVB2 | 4411339 | 8335841 | 99.54%  | 10.358% |
| 74 | 23.295 | 3472 | 3478 | 3489 | rVB2 | 2753351 | 4795652 | 57.26%  | 5.959%  |
| 75 | 23.724 | 3547 | 3551 | 3560 | rVB  | 276828  | 468871  | 5.60%   | 0.583%  |
| 76 | 24.406 | 3663 | 3667 | 3675 | rVB  | 249749  | 465472  | 5.56%   | 0.578%  |

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ALS Vial : 41 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
YAT45

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

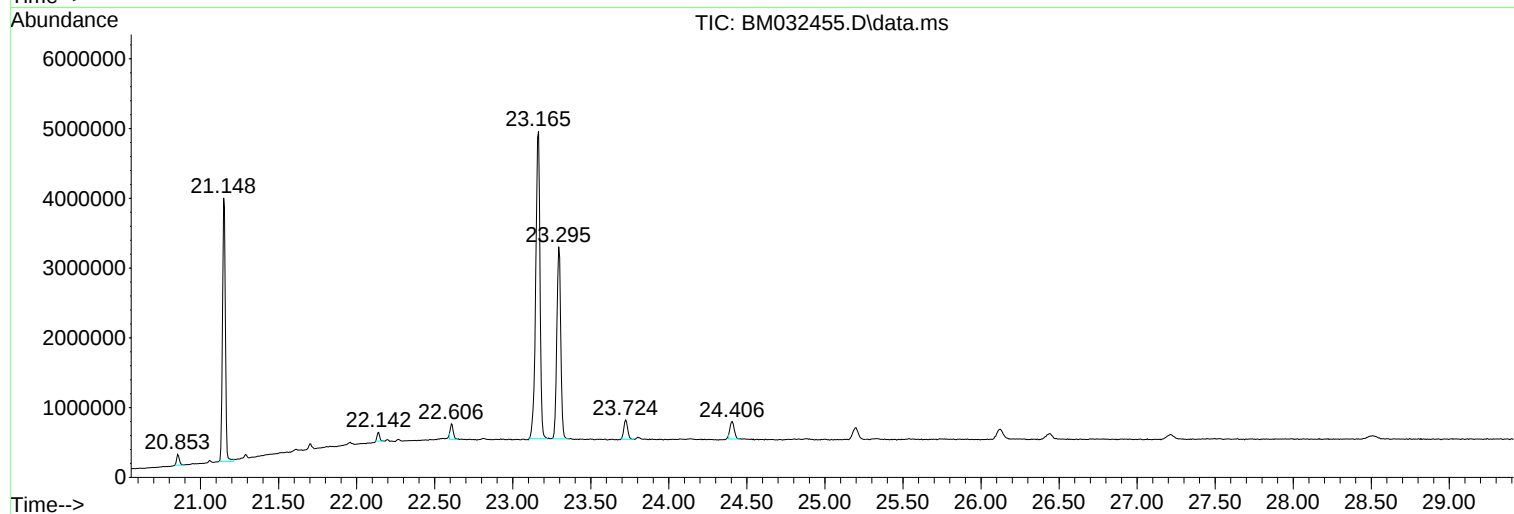
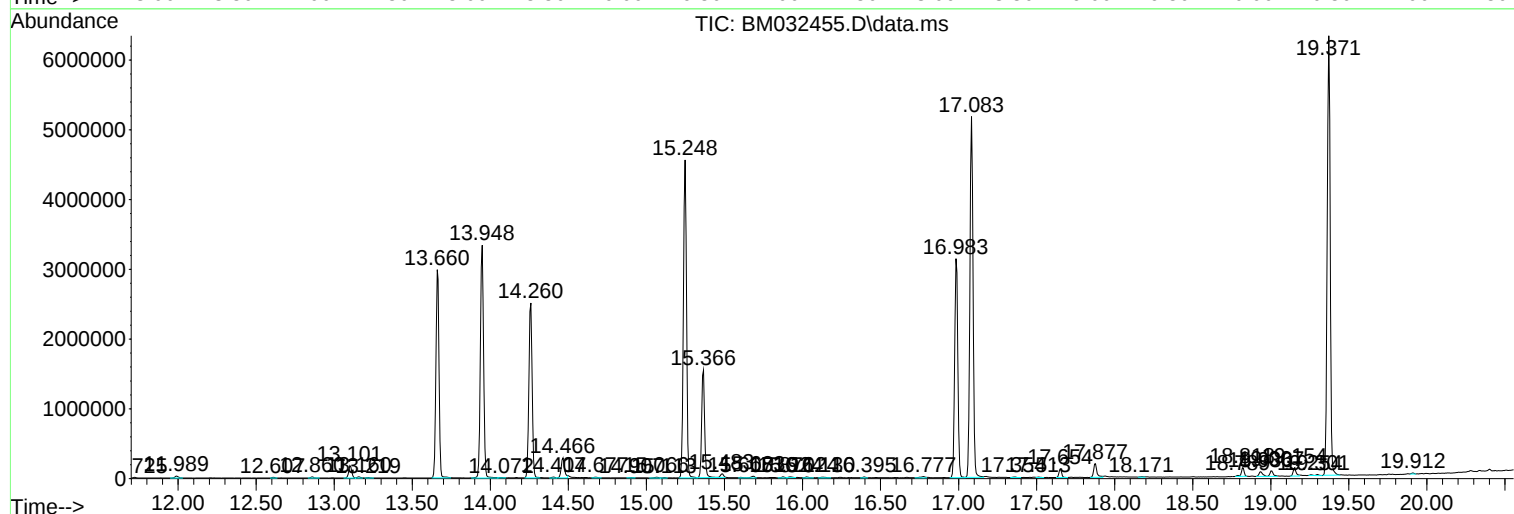
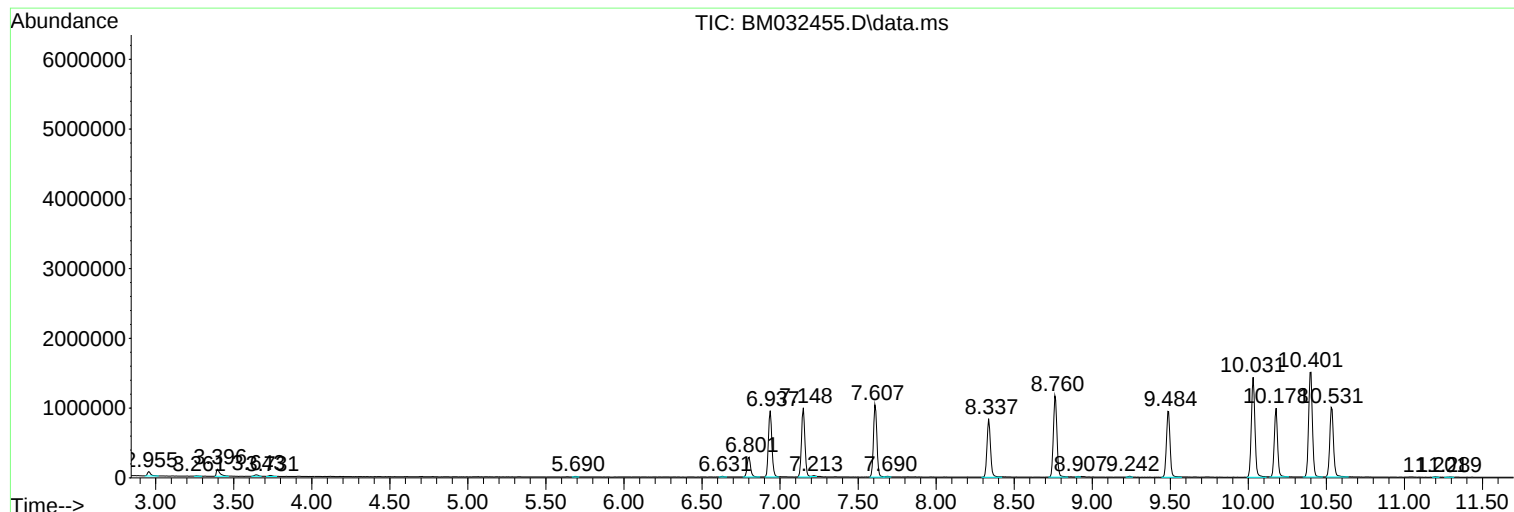
Sum of corrected areas: 80478280

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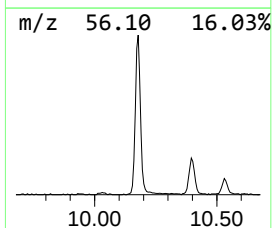
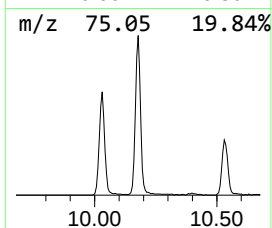
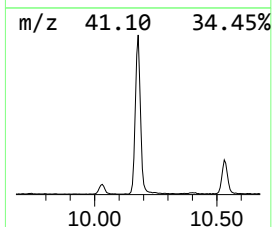
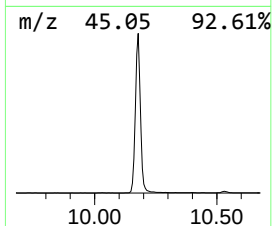
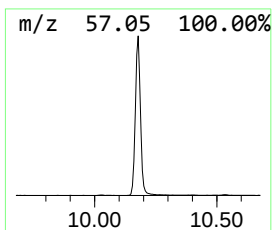
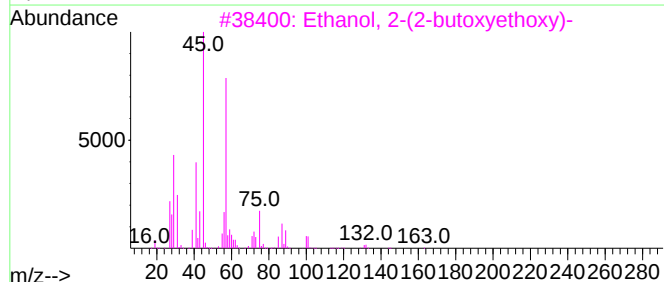
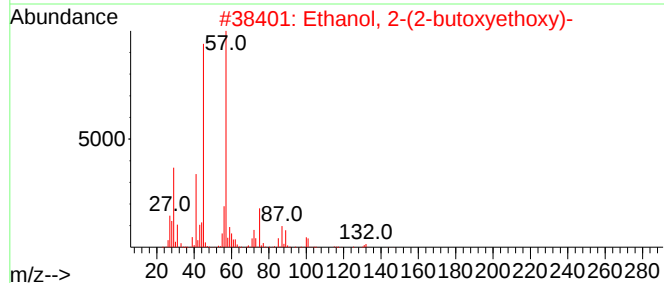
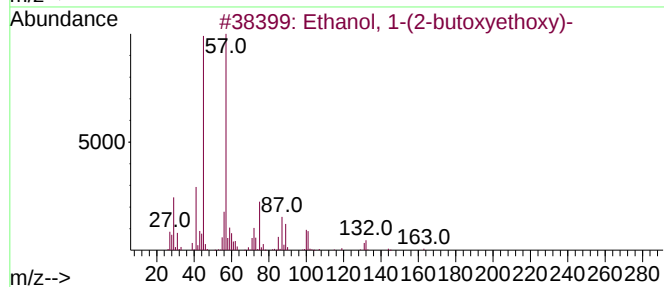
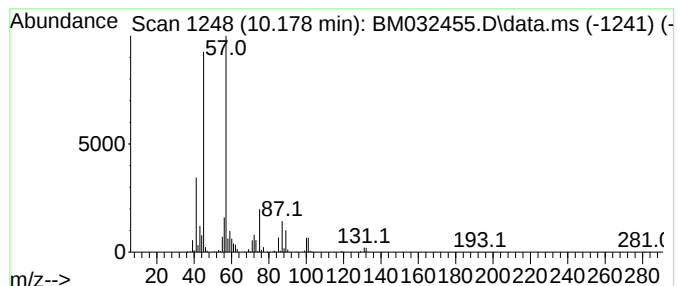
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-BM100521.M  
Quant Title : SVOA CALIBRATION

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

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

| R.T.   | EstConc     | Area    | Relative to ISTD | R.T.   |
|--------|-------------|---------|------------------|--------|
| 10.178 | 11.50 ng/ul | 1444690 | Naphthalene-d8   | 10.401 |

| 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 | 72   |
| 5    |    |   | Ethanol, 2-(2-butoxyethoxy)- | 162 | C8H18O3 | 000112-34-5 | 72   |



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TIC Integration Parameters: LSCINT.P

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |         |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|---------|------|
|                    |        |         |       |          | #                     | RT     | Resp    | Conc |
| Ethanol, 1-(2-b... | 10.178 | 11.5    | ng/ul | 1444690  | 2                     | 10.401 | 2512870 | 20.0 |