

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM031122\  
 Data File : BM034226.D  
 Acq On : 11 Mar 2022 17:24  
 Operator : CG/JU  
 Sample : N1816-13  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DBSD8

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-BM031022.M  
 Title : SVOA CALIBRATION

Signal : TIC: BM034226.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         | 3.319       | 11            | 14          | 22           | rVB      | 26192          | 33589         | 1.54%           | 0.126%        |
| 2         | 3.607       | 61            | 63          | 69           | rVB2     | 6023           | 8722          | 0.40%           | 0.033%        |
| 3         | 3.743       | 83            | 86          | 97           | rBV      | 202772         | 292772        | 13.42%          | 1.098%        |
| 4         | 4.090       | 141           | 145         | 149          | rBV      | 12969          | 19269         | 0.88%           | 0.072%        |
| 5         | 5.025       | 302           | 304         | 309          | rVB4     | 4243           | 5065          | 0.23%           | 0.019%        |
| 6         | 5.260       | 343           | 344         | 348          | rBV3     | 2400           | 3399          | 0.16%           | 0.013%        |
| 7         | 6.619       | 573           | 575         | 577          | rBV3     | 2102           | 2410          | 0.11%           | 0.009%        |
| 8         | 7.101       | 651           | 657         | 672          | rBV      | 306666         | 540863        | 24.80%          | 2.029%        |
| 9         | 7.272       | 680           | 686         | 696          | rBV      | 274665         | 430183        | 19.72%          | 1.614%        |
| 10        | 7.478       | 714           | 721         | 730          | rBV      | 361218         | 569772        | 26.12%          | 2.137%        |
| 11        | 7.872       | 785           | 788         | 791          | rBV4     | 1751           | 2363          | 0.11%           | 0.009%        |
| 12        | 7.948       | 795           | 801         | 811          | rVV      | 504044         | 808241        | 37.06%          | 3.032%        |
| 13        | 8.025       | 811           | 814         | 818          | rVB5     | 4554           | 6149          | 0.28%           | 0.023%        |
| 14        | 8.189       | 840           | 842         | 847          | rVB6     | 1756           | 2421          | 0.11%           | 0.009%        |
| 15        | 8.654       | 914           | 921         | 931          | rBV      | 400065         | 675600        | 30.98%          | 2.534%        |
| 16        | 8.778       | 940           | 942         | 946          | rVB4     | 4272           | 4595          | 0.21%           | 0.017%        |
| 17        | 9.113       | 991           | 999         | 1011         | rBV      | 322973         | 557537        | 25.56%          | 2.092%        |
| 18        | 9.225       | 1017          | 1018        | 1021         | rVB2     | 2906           | 2258          | 0.10%           | 0.008%        |
| 19        | 9.289       | 1026          | 1029        | 1034         | rVB6     | 5047           | 7074          | 0.32%           | 0.027%        |
| 20        | 9.566       | 1072          | 1076        | 1085         | rVB      | 17053          | 28368         | 1.30%           | 0.106%        |
| 21        | 9.836       | 1115          | 1122        | 1131         | rBV      | 253571         | 433721        | 19.89%          | 1.627%        |
| 22        | 10.378      | 1208          | 1214        | 1229         | rBV      | 446306         | 764812        | 35.07%          | 2.869%        |
| 23        | 10.542      | 1236          | 1242        | 1252         | rBV      | 62923          | 113046        | 5.18%           | 0.424%        |
| 24        | 10.766      | 1272          | 1280        | 1288         | rBV      | 666204         | 1122917       | 51.49%          | 4.212%        |
| 25        | 10.895      | 1295          | 1302        | 1315         | rBV      | 364176         | 660170        | 30.27%          | 2.477%        |
| 26        | 12.066      | 1496          | 1501        | 1506         | rVB7     | 2542           | 5157          | 0.24%           | 0.019%        |
| 27        | 12.195      | 1521          | 1523        | 1528         | rVB5     | 3668           | 4553          | 0.21%           | 0.017%        |
| 28        | 12.354      | 1545          | 1550        | 1557         | rVB2     | 6851           | 12184         | 0.56%           | 0.046%        |
| 29        | 12.966      | 1649          | 1654        | 1657         | rBV4     | 3080           | 4375          | 0.20%           | 0.016%        |
| 30        | 13.089      | 1672          | 1675        | 1677         | rVV3     | 2808           | 3702          | 0.17%           | 0.014%        |
| 31        | 13.107      | 1677          | 1678        | 1683         | rVV5     | 2282           | 3146          | 0.14%           | 0.012%        |
| 32        | 13.154      | 1683          | 1686        | 1691         | rVV6     | 2134           | 3936          | 0.18%           | 0.015%        |
| 33        | 13.207      | 1691          | 1695        | 1702         | rVB6     | 4538           | 8105          | 0.37%           | 0.030%        |
| 34        | 13.430      | 1728          | 1733        | 1738         | rBV3     | 13447          | 19219         | 0.88%           | 0.072%        |
| 35        | 13.495      | 1738          | 1744        | 1753         | rVV      | 72456          | 112443        | 5.16%           | 0.422%        |
| 36        | 13.566      | 1753          | 1756        | 1760         | rVB4     | 3330           | 4063          | 0.19%           | 0.015%        |

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 ALS Vial : 15 Sample Multiplier: 1

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 BNA\_M  
 ClientSampleId :  
 DBSD8

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-BM031022.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |        |         |        |        |
|----|--------|------|------|------|------|--------|---------|--------|--------|
| 37 | 13.736 | 1782 | 1785 | 1789 | rBV5 | 2004   | 2457    | 0.11%  | 0.009% |
| 38 | 13.995 | 1823 | 1829 | 1842 | rBV  | 868561 | 1200297 | 55.03% | 4.503% |
| 39 | 14.089 | 1843 | 1845 | 1848 | rVV4 | 3219   | 3495    | 0.16%  | 0.013% |
| 40 | 14.130 | 1848 | 1852 | 1855 | rVB6 | 3209   | 4386    | 0.20%  | 0.016% |

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 41 | 14.242 | 1866 | 1871 | 1872 | rBV2 | 17971   | 24158   | 1.11%  | 0.091% |
| 42 | 14.283 | 1872 | 1878 | 1888 | rVB  | 987058  | 1436621 | 65.87% | 5.389% |
| 43 | 14.495 | 1911 | 1914 | 1919 | rVV3 | 7585    | 9074    | 0.42%  | 0.034% |
| 44 | 14.589 | 1923 | 1930 | 1941 | rBV  | 1065333 | 1570639 | 72.01% | 5.892% |
| 45 | 14.771 | 1950 | 1961 | 1981 | rBV  | 152731  | 347901  | 15.95% | 1.305% |

|    |        |      |      |      |      |       |       |       |        |
|----|--------|------|------|------|------|-------|-------|-------|--------|
| 46 | 15.001 | 1995 | 2000 | 2006 | rVB7 | 4351  | 7750  | 0.36% | 0.029% |
| 47 | 15.224 | 2034 | 2038 | 2043 | rVB  | 11217 | 15412 | 0.71% | 0.058% |
| 48 | 15.295 | 2045 | 2050 | 2054 | rBV7 | 1568  | 3714  | 0.17% | 0.014% |
| 49 | 15.401 | 2061 | 2068 | 2072 | rBV3 | 15711 | 26777 | 1.23% | 0.100% |
| 50 | 15.448 | 2072 | 2076 | 2078 | rVB4 | 6755  | 8495  | 0.39% | 0.032% |

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 51 | 15.583 | 2092 | 2099 | 2111 | rBV  | 1233588 | 1830414 | 83.92% | 6.867% |
| 52 | 15.689 | 2111 | 2117 | 2126 | rBV  | 271955  | 397753  | 18.24% | 1.492% |
| 53 | 15.818 | 2136 | 2139 | 2143 | rVV5 | 4832    | 6874    | 0.32%  | 0.026% |
| 54 | 15.942 | 2156 | 2160 | 2163 | rBV6 | 3579    | 5832    | 0.27%  | 0.022% |
| 55 | 16.001 | 2167 | 2170 | 2171 | rVV3 | 4665    | 4822    | 0.22%  | 0.018% |

|    |        |      |      |      |      |      |       |       |        |
|----|--------|------|------|------|------|------|-------|-------|--------|
| 56 | 16.018 | 2171 | 2173 | 2179 | rVB5 | 5238 | 7743  | 0.36% | 0.029% |
| 57 | 16.130 | 2186 | 2192 | 2197 | rVB8 | 5414 | 9328  | 0.43% | 0.035% |
| 58 | 16.224 | 2204 | 2208 | 2209 | rBV3 | 5069 | 4338  | 0.20% | 0.016% |
| 59 | 16.265 | 2212 | 2215 | 2219 | rVV2 | 8071 | 11688 | 0.54% | 0.044% |
| 60 | 16.307 | 2219 | 2222 | 2224 | rVV4 | 8305 | 9175  | 0.42% | 0.034% |

|    |        |      |      |      |      |       |       |       |        |
|----|--------|------|------|------|------|-------|-------|-------|--------|
| 61 | 16.336 | 2224 | 2227 | 2230 | rVV5 | 4115  | 5498  | 0.25% | 0.021% |
| 62 | 16.371 | 2230 | 2233 | 2236 | rVB3 | 3805  | 5183  | 0.24% | 0.019% |
| 63 | 16.407 | 2236 | 2239 | 2244 | rBV7 | 1304  | 2400  | 0.11% | 0.009% |
| 64 | 16.477 | 2244 | 2251 | 2255 | rBV4 | 10593 | 18107 | 0.83% | 0.068% |
| 65 | 16.577 | 2265 | 2268 | 2274 | rBV7 | 4766  | 6441  | 0.30% | 0.024% |

|    |        |      |      |      |      |      |      |       |        |
|----|--------|------|------|------|------|------|------|-------|--------|
| 66 | 16.648 | 2277 | 2280 | 2283 | rBV5 | 2695 | 4092 | 0.19% | 0.015% |
| 67 | 16.736 | 2293 | 2295 | 2298 | rBV4 | 2918 | 3101 | 0.14% | 0.012% |
| 68 | 16.812 | 2303 | 2308 | 2313 | rBV8 | 4703 | 7826 | 0.36% | 0.029% |
| 69 | 16.942 | 2328 | 2330 | 2334 | rBV5 | 2697 | 2856 | 0.13% | 0.011% |
| 70 | 17.048 | 2345 | 2348 | 2350 | rVB3 | 3352 | 3204 | 0.15% | 0.012% |

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 71 | 17.077 | 2350 | 2353 | 2354 | rBV3 | 3134    | 3414    | 0.16%  | 0.013% |
| 72 | 17.095 | 2354 | 2356 | 2363 | rVV5 | 8047    | 19215   | 0.88%  | 0.072% |
| 73 | 17.148 | 2363 | 2365 | 2372 | rVB7 | 5144    | 7056    | 0.32%  | 0.026% |
| 74 | 17.254 | 2379 | 2383 | 2388 | rVB4 | 16387   | 22131   | 1.01%  | 0.083% |
| 75 | 17.330 | 2390 | 2396 | 2406 | rBV  | 1229573 | 1762153 | 80.79% | 6.610% |

|    |        |      |      |      |     |         |         |        |        |
|----|--------|------|------|------|-----|---------|---------|--------|--------|
| 76 | 17.430 | 2406 | 2413 | 2426 | rVV | 1240163 | 1835122 | 84.14% | 6.884% |
|----|--------|------|------|------|-----|---------|---------|--------|--------|

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Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

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Peak Location: TOP

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Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM031022.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |         |        |
|----|--------|------|------|------|------|---------|---------|---------|--------|
| 77 | 17.636 | 2446 | 2448 | 2454 | rVB6 | 5529    | 8808    | 0.40%   | 0.033% |
| 78 | 17.718 | 2457 | 2462 | 2465 | rVB5 | 5979    | 7983    | 0.37%   | 0.030% |
| 79 | 17.948 | 2498 | 2501 | 2504 | rBV5 | 3003    | 3909    | 0.18%   | 0.015% |
| 80 | 18.006 | 2507 | 2511 | 2516 | rVB  | 94769   | 116130  | 5.32%   | 0.436% |
| 81 | 18.224 | 2543 | 2548 | 2555 | rBV  | 59479   | 91846   | 4.21%   | 0.345% |
| 82 | 18.342 | 2567 | 2568 | 2570 | rBV2 | 3457    | 2806    | 0.13%   | 0.011% |
| 83 | 18.659 | 2618 | 2622 | 2625 | rBV5 | 16612   | 19932   | 0.91%   | 0.075% |
| 84 | 19.001 | 2678 | 2680 | 2682 | rBV2 | 5820    | 5747    | 0.26%   | 0.022% |
| 85 | 19.089 | 2691 | 2695 | 2699 | rBV5 | 10868   | 16172   | 0.74%   | 0.061% |
| 86 | 19.177 | 2706 | 2710 | 2714 | rBV2 | 140371  | 158317  | 7.26%   | 0.594% |
| 87 | 19.283 | 2724 | 2728 | 2729 | rBV3 | 20380   | 22507   | 1.03%   | 0.084% |
| 88 | 19.312 | 2730 | 2733 | 2737 | rVV2 | 37851   | 47666   | 2.19%   | 0.179% |
| 89 | 19.353 | 2737 | 2740 | 2743 | rVV  | 15457   | 16966   | 0.78%   | 0.064% |
| 90 | 19.501 | 2761 | 2765 | 2768 | rBV5 | 18219   | 24590   | 1.13%   | 0.092% |
| 91 | 19.601 | 2780 | 2782 | 2784 | rBV3 | 7629    | 6201    | 0.28%   | 0.023% |
| 92 | 19.718 | 2796 | 2802 | 2808 | rBV  | 1557352 | 2181030 | 100.00% | 8.182% |
| 93 | 21.212 | 3052 | 3056 | 3061 | rBV  | 146373  | 189009  | 8.67%   | 0.709% |
| 94 | 21.500 | 3100 | 3105 | 3120 | rBV  | 1126460 | 1857490 | 85.17%  | 6.968% |
| 95 | 23.765 | 3483 | 3490 | 3498 | rBV  | 891207  | 1917189 | 87.90%  | 7.192% |
| 96 | 23.924 | 3510 | 3517 | 3535 | rVB2 | 879203  | 2029572 | 93.06%  | 7.614% |

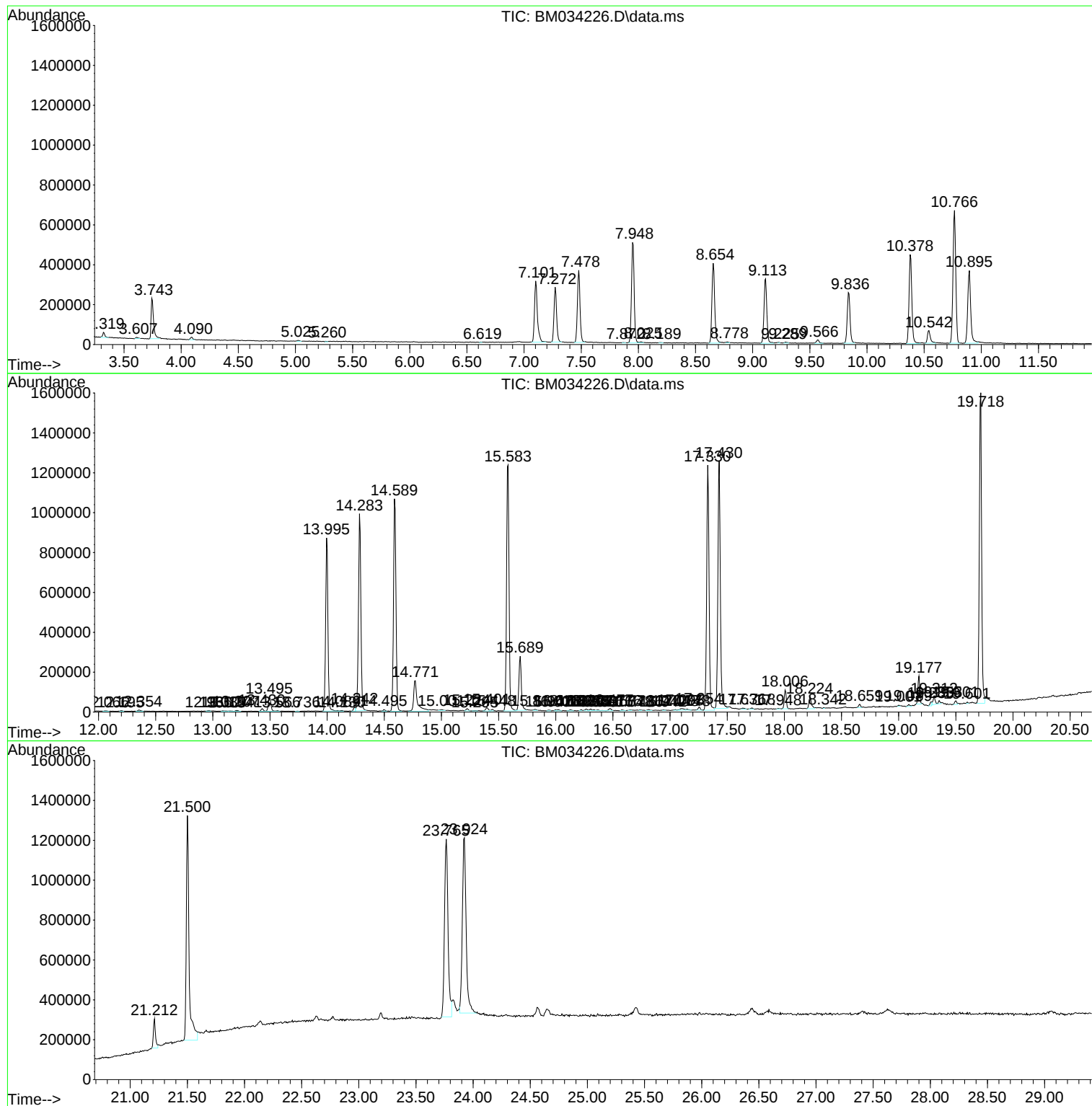
Sum of corrected areas: 26657011

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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM031022.M  
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM031122\  
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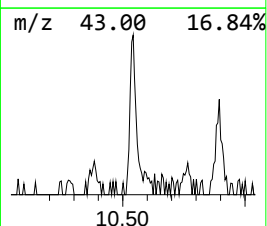
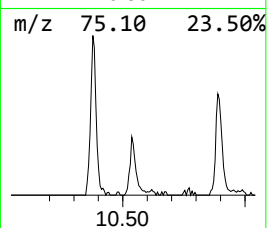
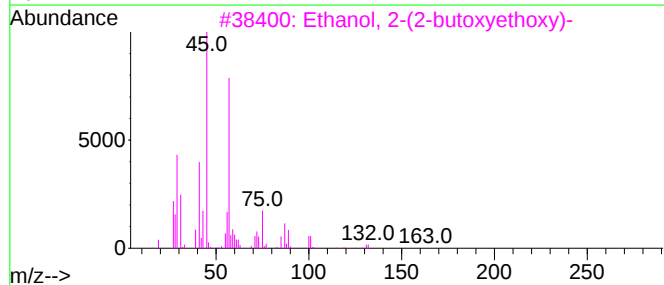
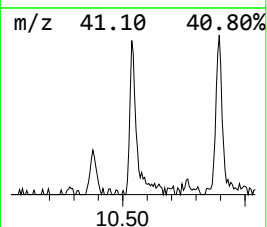
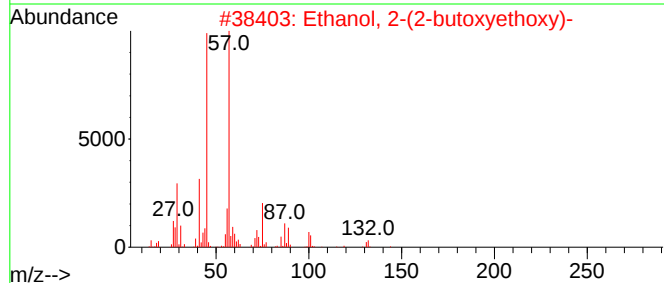
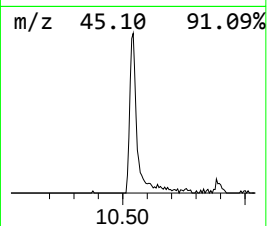
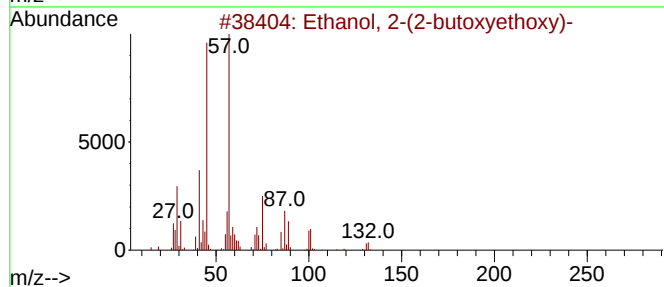
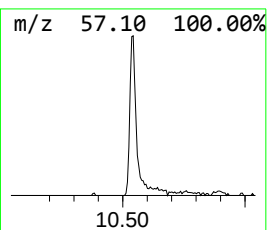
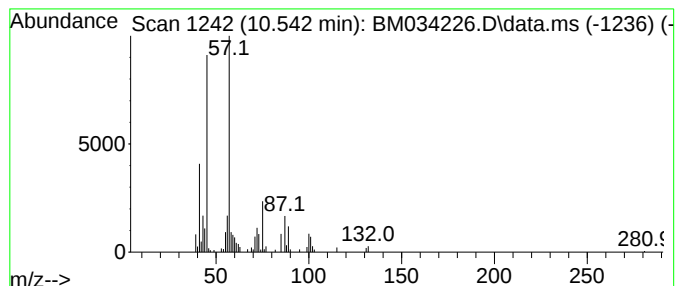
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM031022.M  
Quant Title : SVOA CALIBRATION

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

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

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 10.542 | 2.01 ng/ul | 113046 | Naphthalene-d8   | 10.766 |

| 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 | 83   |
| 4    |    |   | Ethanol, 1-(2-butoxyethoxy)- | 162 | C8H18O3 | 054446-78-5 | 83   |
| 5    |    |   | Ethanol, 2-(2-butoxyethoxy)- | 162 | C8H18O3 | 000112-34-5 | 64   |



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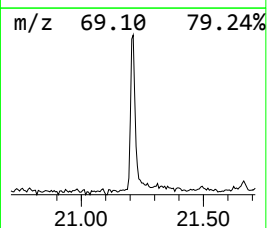
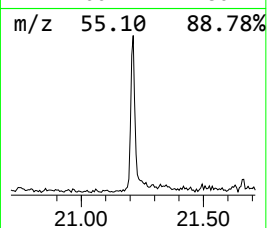
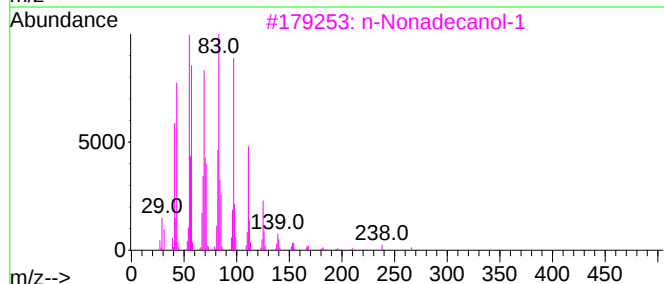
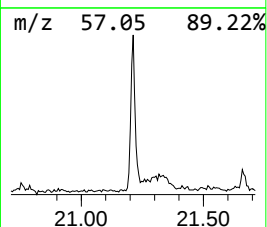
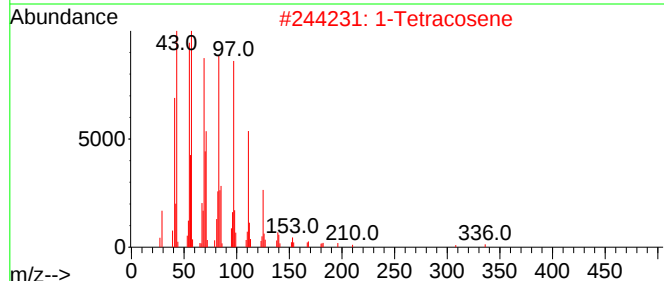
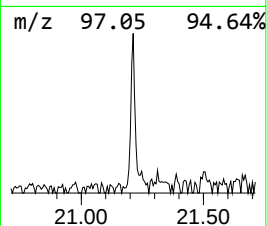
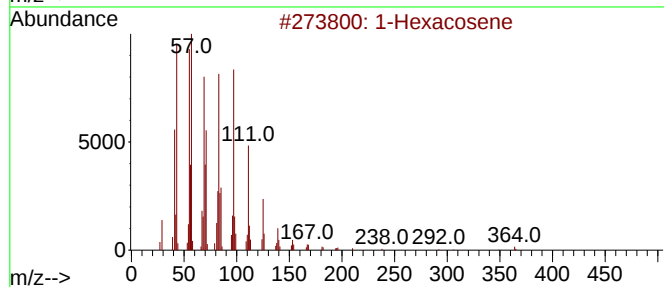
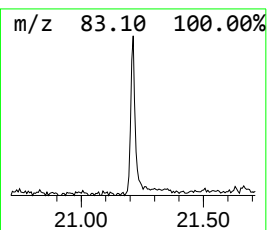
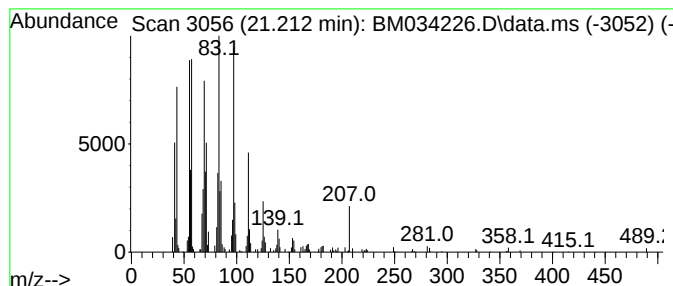
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM031022.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 1

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 21.212 | 2.04 ng/ul | 189009 | Chrysene-d12     | 21.500 |

| Hit# | of 5                                | Tentative ID | MW  | MolForm    | CAS#        | Qual |
|------|-------------------------------------|--------------|-----|------------|-------------|------|
| 1    | 1-Hexacosene                        |              | 364 | C26H52     | 018835-33-1 | 93   |
| 2    | 1-Tetracosene                       |              | 336 | C24H48     | 010192-32-2 | 93   |
| 3    | n-Nonadecanol-1                     |              | 284 | C19H40O    | 001454-84-8 | 93   |
| 4    | 1-Heneicosanol                      |              | 312 | C21H44O    | 015594-90-8 | 91   |
| 5    | Heptafluorobutyric acid, pentade... |              | 424 | C19H31F7O2 | 959261-23-5 | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM031122\  
Data File : BM034226.D  
Acq On : 11 Mar 2022 17:24  
Operator : CG/JU  
Sample : N1816-13  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DBSD8

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM031022.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... | 10.542 | 2.0     | ng/u1 | 113046   | 2                     | 10.766 | 1122920 | 20.0 |
| (DEL) Alkane: S... | 21.212 | 2.0     | ng/u1 | 189009   | 5                     | 21.500 | 1857490 | 20.0 |