

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091020\  
 Data File : BM027382.D  
 Acq On : 10 Sep 2020 20:14  
 Operator : JU/CG  
 Sample : L3855-08  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 EW272

## Integration Parameters: LSCINT.P

Integrator: RTE  
 Smoothing : OFF  
 Sampling : 1  
 Start Thrs: 0.2  
 Stop Thrs : 0

Filtering: 5  
 Min Area: 0.1 % of largest Peak  
 Max Peaks: 100  
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
 Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM090420MA.M  
 Title : SVOA CALIBRATION

Signal : TIC

| 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         | 3.134       | 22            | 25          | 28           | rVB      | 12819          | 13737         | 0.49%           | 0.049%        |
| 2         | 3.757       | 126           | 131         | 139          | rVB2     | 32091          | 50907         | 1.82%           | 0.181%        |
| 3         | 4.057       | 178           | 182         | 190          | rVB      | 62643          | 83559         | 2.98%           | 0.297%        |
| 4         | 4.457       | 246           | 250         | 258          | rVB      | 39787          | 52620         | 1.88%           | 0.187%        |
| 5         | 4.734       | 293           | 297         | 302          | rBV      | 21780          | 29703         | 1.06%           | 0.106%        |
| 6         | 6.275       | 554           | 559         | 565          | rBV5     | 6367           | 12378         | 0.44%           | 0.044%        |
| 7         | 6.751       | 634           | 640         | 654          | rVB      | 219770         | 369005        | 13.16%          | 1.313%        |
| 8         | 6.910       | 658           | 667         | 675          | rBV2     | 200331         | 397490        | 14.18%          | 1.415%        |
| 9         | 7.104       | 694           | 700         | 713          | rVB      | 248133         | 394831        | 14.09%          | 1.405%        |
| 10        | 7.216       | 714           | 719         | 722          | rBV6     | 4046           | 5945          | 0.21%           | 0.021%        |
| 11        | 7.569       | 772           | 779         | 788          | rBV      | 521091         | 822746        | 29.35%          | 2.929%        |
| 12        | 7.651       | 791           | 793         | 797          | rVB3     | 2747           | 3676          | 0.13%           | 0.013%        |
| 13        | 8.275       | 892           | 899         | 913          | rBV      | 273817         | 447333        | 15.96%          | 1.592%        |
| 14        | 8.386       | 913           | 918         | 924          | rVB      | 14421          | 25289         | 0.90%           | 0.090%        |
| 15        | 8.710       | 966           | 973         | 985          | rBV      | 236204         | 396462        | 14.14%          | 1.411%        |
| 16        | 8.963       | 1011          | 1016        | 1019         | rVB5     | 1805           | 2917          | 0.10%           | 0.010%        |
| 17        | 9.186       | 1050          | 1054        | 1057         | rBV6     | 2540           | 3195          | 0.11%           | 0.011%        |
| 18        | 9.428       | 1089          | 1095        | 1106         | rBV      | 196130         | 318199        | 11.35%          | 1.133%        |
| 19        | 9.786       | 1153          | 1156        | 1164         | rVB7     | 1889           | 3833          | 0.14%           | 0.014%        |
| 20        | 9.863       | 1164          | 1169        | 1172         | rBV6     | 3119           | 4621          | 0.16%           | 0.016%        |
| 21        | 9.963       | 1179          | 1186        | 1197         | rBV      | 319522         | 524960        | 18.73%          | 1.869%        |
| 22        | 10.333      | 1242          | 1249        | 1257         | rBV      | 706526         | 1147322       | 40.93%          | 4.084%        |
| 23        | 10.475      | 1265          | 1273        | 1286         | rBV      | 188177         | 355031        | 12.67%          | 1.264%        |
| 24        | 10.857      | 1336          | 1338        | 1343         | rBV4     | 2091           | 2963          | 0.11%           | 0.011%        |
| 25        | 11.939      | 1517          | 1522        | 1526         | rBV3     | 4048           | 6754          | 0.24%           | 0.024%        |
| 26        | 12.557      | 1625          | 1627        | 1634         | rVB4     | 1995           | 3562          | 0.13%           | 0.013%        |
| 27        | 12.821      | 1667          | 1672        | 1675         | rVB4     | 2144           | 3403          | 0.12%           | 0.012%        |
| 28        | 13.127      | 1720          | 1724        | 1726         | rBV4     | 4036           | 4974          | 0.18%           | 0.018%        |
| 29        | 13.315      | 1753          | 1756        | 1762         | rVB4     | 3092           | 3749          | 0.13%           | 0.013%        |
| 30        | 13.627      | 1803          | 1809        | 1813         | rBV      | 631782         | 897085        | 32.00%          | 3.193%        |
| 31        | 13.674      | 1813          | 1817        | 1824         | rVB      | 133711         | 190487        | 6.80%           | 0.678%        |
| 32        | 13.898      | 1849          | 1855        | 1868         | rVB      | 641167         | 945401        | 33.73%          | 3.365%        |
| 33        | 14.068      | 1879          | 1884        | 1888         | rBV4     | 5670           | 9492          | 0.34%           | 0.034%        |
| 34        | 14.145      | 1893          | 1897        | 1901         | rVB5     | 2513           | 4167          | 0.15%           | 0.015%        |

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Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM090420MA.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 35 | 14.210 | 1901 | 1908 | 1914 | rBV  | 1225776 | 1752035 | 62.50% | 6.236% |
| 36 | 14.292 | 1919 | 1922 | 1925 | rVB4 | 2799    | 2920    | 0.10%  | 0.010% |
| 37 | 14.421 | 1939 | 1944 | 1961 | rBV2 | 59431   | 134848  | 4.81%  | 0.480% |
| 38 | 14.657 | 1980 | 1984 | 1987 | rBV4 | 5989    | 6944    | 0.25%  | 0.025% |
| 39 | 15.045 | 2044 | 2050 | 2053 | rBV5 | 4012    | 5651    | 0.20%  | 0.020% |
| 40 | 15.092 | 2055 | 2058 | 2062 | rBV4 | 2330    | 3219    | 0.11%  | 0.011% |
| 41 | 15.204 | 2071 | 2077 | 2086 | rBV  | 921837  | 1256822 | 44.84% | 4.474% |
| 42 | 15.327 | 2093 | 2098 | 2109 | rBV  | 145835  | 216663  | 7.73%  | 0.771% |
| 43 | 15.445 | 2113 | 2118 | 2123 | rVB3 | 8242    | 11681   | 0.42%  | 0.042% |
| 44 | 15.592 | 2138 | 2143 | 2148 | rVB4 | 2475    | 3482    | 0.12%  | 0.012% |
| 45 | 15.721 | 2160 | 2165 | 2173 | rVV3 | 19322   | 30194   | 1.08%  | 0.107% |
| 46 | 15.798 | 2175 | 2178 | 2182 | rVB5 | 2838    | 4125    | 0.15%  | 0.015% |
| 47 | 15.839 | 2182 | 2185 | 2191 | rBV6 | 1833    | 4132    | 0.15%  | 0.015% |
| 48 | 15.909 | 2194 | 2197 | 2199 | rBV3 | 3019    | 3551    | 0.13%  | 0.013% |
| 49 | 15.956 | 2203 | 2205 | 2208 | rVV3 | 2390    | 2857    | 0.10%  | 0.010% |
| 50 | 15.986 | 2208 | 2210 | 2216 | rVB5 | 3469    | 4603    | 0.16%  | 0.016% |
| 51 | 16.268 | 2255 | 2258 | 2264 | rBV3 | 6603    | 10933   | 0.39%  | 0.039% |
| 52 | 16.745 | 2334 | 2339 | 2343 | rBV3 | 7361    | 10300   | 0.37%  | 0.037% |
| 53 | 16.833 | 2350 | 2354 | 2359 | rBV5 | 4256    | 7596    | 0.27%  | 0.027% |
| 54 | 16.880 | 2359 | 2362 | 2365 | rVV4 | 6019    | 6921    | 0.25%  | 0.025% |
| 55 | 16.956 | 2368 | 2375 | 2385 | rVV  | 1601065 | 2224188 | 79.35% | 7.917% |
| 56 | 17.051 | 2385 | 2391 | 2403 | rVV2 | 919998  | 1272000 | 45.38% | 4.528% |
| 57 | 17.156 | 2406 | 2409 | 2412 | rVB3 | 3334    | 3920    | 0.14%  | 0.014% |
| 58 | 17.221 | 2417 | 2420 | 2422 | rVV4 | 3425    | 3991    | 0.14%  | 0.014% |
| 59 | 17.256 | 2424 | 2426 | 2430 | rVB5 | 4697    | 5422    | 0.19%  | 0.019% |
| 60 | 17.362 | 2439 | 2444 | 2450 | rBV8 | 3040    | 5246    | 0.19%  | 0.019% |
| 61 | 17.415 | 2450 | 2453 | 2457 | rVB6 | 3056    | 3513    | 0.13%  | 0.013% |
| 62 | 17.486 | 2463 | 2465 | 2469 | rBV5 | 3681    | 4919    | 0.18%  | 0.018% |
| 63 | 17.656 | 2490 | 2494 | 2497 | rVB4 | 4865    | 6250    | 0.22%  | 0.022% |
| 64 | 17.756 | 2506 | 2511 | 2513 | rBV5 | 4478    | 6761    | 0.24%  | 0.024% |
| 65 | 17.809 | 2518 | 2520 | 2525 | rVB5 | 9808    | 12289   | 0.44%  | 0.044% |
| 66 | 17.880 | 2526 | 2532 | 2538 | rBV  | 245414  | 349346  | 12.46% | 1.243% |
| 67 | 18.180 | 2579 | 2583 | 2588 | rBV6 | 11890   | 19570   | 0.70%  | 0.070% |
| 68 | 18.345 | 2608 | 2611 | 2616 | rVB7 | 5323    | 5767    | 0.21%  | 0.021% |
| 69 | 18.445 | 2624 | 2628 | 2630 | rBV5 | 4439    | 6192    | 0.22%  | 0.022% |
| 70 | 18.545 | 2643 | 2645 | 2649 | rVB5 | 3980    | 3671    | 0.13%  | 0.013% |
| 71 | 18.756 | 2677 | 2681 | 2684 | rBV6 | 10528   | 13118   | 0.47%  | 0.047% |

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Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM090420MA.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |         |        |
|----|--------|------|------|------|------|---------|---------|---------|--------|
| 72 | 18.815 | 2688 | 2691 | 2695 | rVB6 | 8218    | 11583   | 0.41%   | 0.041% |
| 73 | 18.909 | 2703 | 2707 | 2713 | rBV8 | 6487    | 14700   | 0.52%   | 0.052% |
| 74 | 18.986 | 2716 | 2720 | 2722 | rBV2 | 14506   | 19326   | 0.69%   | 0.069% |
| 75 | 19.015 | 2722 | 2725 | 2727 | rBV2 | 21043   | 23518   | 0.84%   | 0.084% |
| 76 | 19.168 | 2746 | 2751 | 2758 | rBV  | 157518  | 234571  | 8.37%   | 0.835% |
| 77 | 19.221 | 2758 | 2760 | 2762 | rVV3 | 8955    | 7985    | 0.28%   | 0.028% |
| 78 | 19.350 | 2776 | 2782 | 2790 | rBV  | 1326829 | 1746374 | 62.30%  | 6.216% |
| 79 | 19.903 | 2872 | 2876 | 2879 | rBV5 | 21047   | 29125   | 1.04%   | 0.104% |
| 80 | 19.939 | 2879 | 2882 | 2885 | rVB  | 18710   | 20655   | 0.74%   | 0.074% |
| 81 | 20.433 | 2964 | 2966 | 2970 | rVB4 | 24514   | 23427   | 0.84%   | 0.083% |
| 82 | 20.891 | 3039 | 3044 | 3055 | rBV  | 598862  | 813917  | 29.04%  | 2.897% |
| 83 | 21.150 | 3082 | 3088 | 3093 | rBV  | 2308973 | 2803066 | 100.00% | 9.977% |
| 84 | 21.333 | 3116 | 3119 | 3124 | rBV3 | 82060   | 110850  | 3.95%   | 0.395% |
| 85 | 21.768 | 3188 | 3193 | 3198 | rBV2 | 281809  | 471035  | 16.80%  | 1.677% |
| 86 | 22.209 | 3265 | 3268 | 3272 | rBV  | 85948   | 95573   | 3.41%   | 0.340% |
| 87 | 22.427 | 3301 | 3305 | 3309 | rBV5 | 114812  | 162102  | 5.78%   | 0.577% |
| 88 | 22.697 | 3347 | 3351 | 3355 | rBV  | 419221  | 597413  | 21.31%  | 2.126% |
| 89 | 22.738 | 3355 | 3358 | 3368 | rVB  | 284407  | 424420  | 15.14%  | 1.511% |
| 90 | 23.180 | 3427 | 3433 | 3440 | rBV  | 877501  | 1513374 | 53.99%  | 5.387% |
| 91 | 23.244 | 3441 | 3444 | 3449 | rVV2 | 175619  | 251019  | 8.96%   | 0.893% |
| 92 | 23.315 | 3450 | 3456 | 3466 | rVB  | 1388751 | 2486067 | 88.69%  | 8.849% |
| 93 | 23.868 | 3545 | 3550 | 3557 | rVB  | 409383  | 723848  | 25.82%  | 2.577% |
| 94 | 23.944 | 3558 | 3563 | 3575 | rVB3 | 263682  | 546720  | 19.50%  | 1.946% |

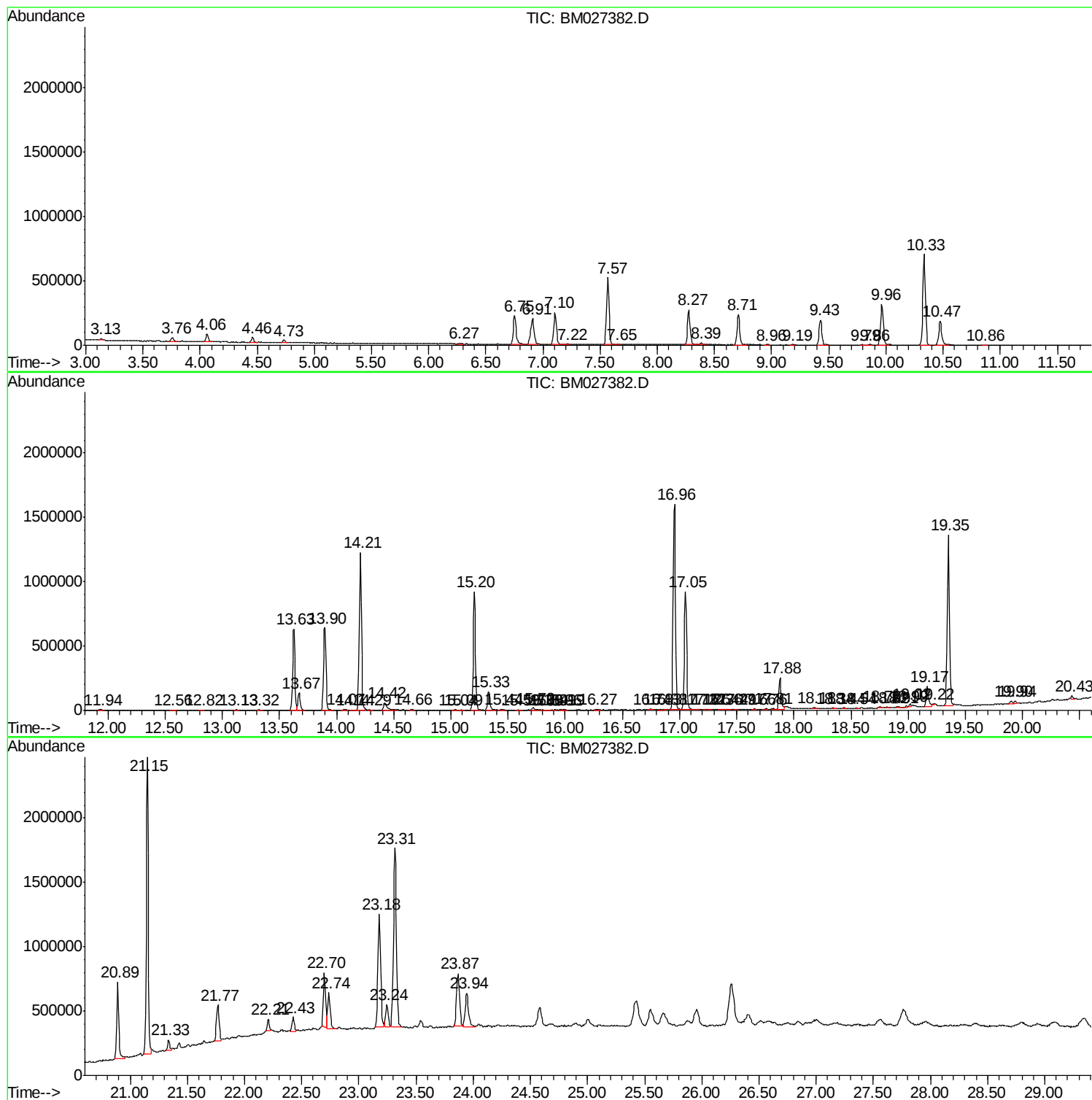
Sum of corrected areas: 28094104

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM090420MA.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P



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Quant Title : SVOA CALIBRATION

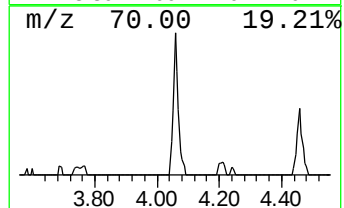
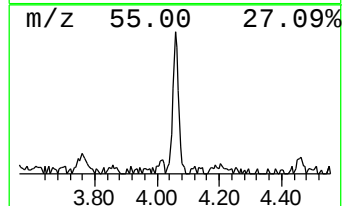
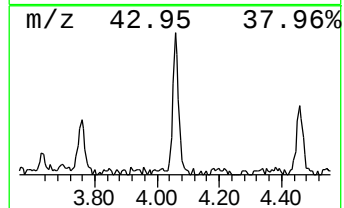
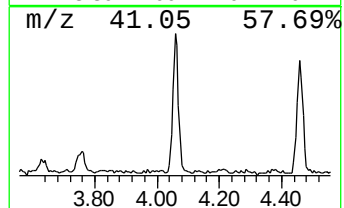
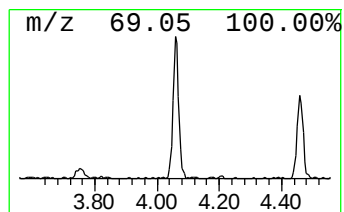
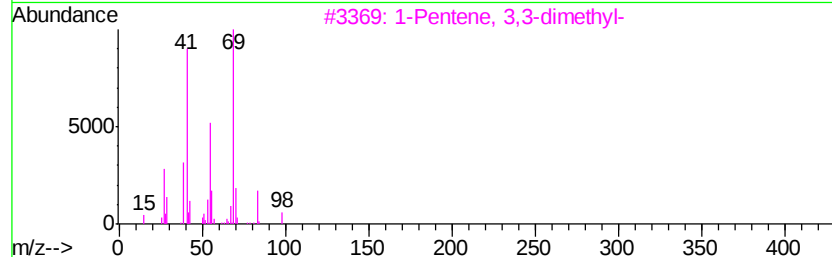
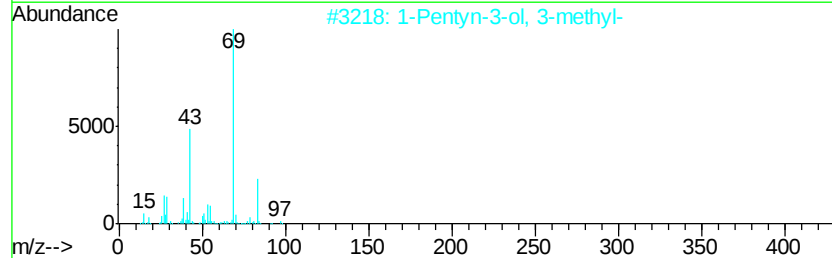
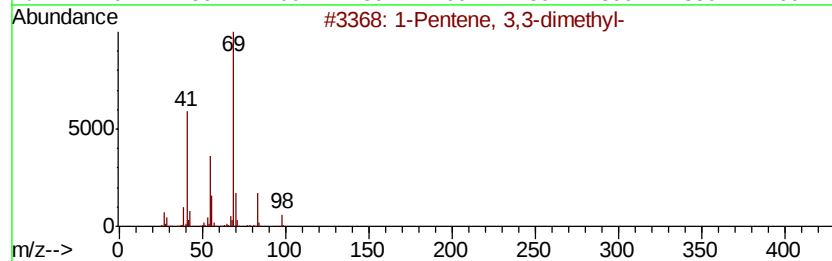
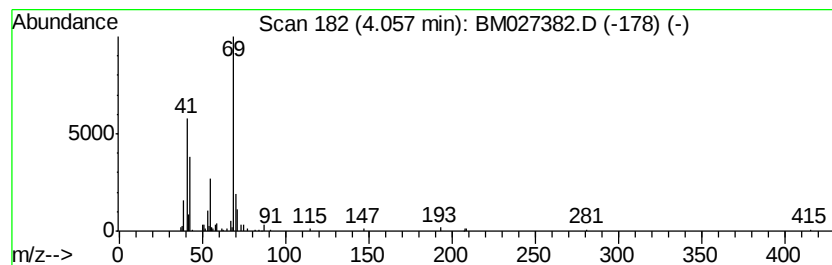
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 8

| R.T. | EstConc    | Area  | Relative to ISTD       | R.T. |
|------|------------|-------|------------------------|------|
| 4.06 | 2.03 ng/ul | 83559 | 1,4-Dichlorobenzene-d4 | 7.57 |

| Hit# | of | Tentative ID                 | MW  | MolForm | CAS#        | Qual |
|------|----|------------------------------|-----|---------|-------------|------|
| 1    | 5  | 1-Pentene, 3,3-dimethyl-     | 98  | C7H14   | 003404-73-7 | 50   |
| 2    |    | 1-Pentyn-3-ol, 3-methyl-     | 98  | C6H10O  | 000077-75-8 | 40   |
| 3    |    | 1-Pentene, 3,3-dimethyl-     | 98  | C7H14   | 003404-73-7 | 39   |
| 4    |    | 1,6-Octadiene, 2,7-dimethyl- | 138 | C10H18  | 040195-09-3 | 39   |
| 5    |    | 2-Butene, 1-bromo-3-methyl-  | 148 | C5H9Br  | 000870-63-3 | 36   |



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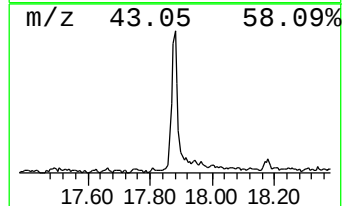
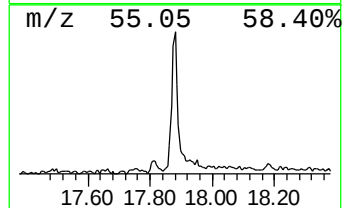
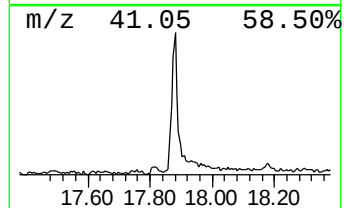
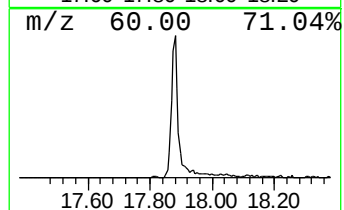
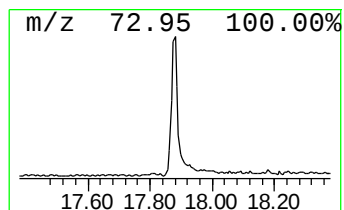
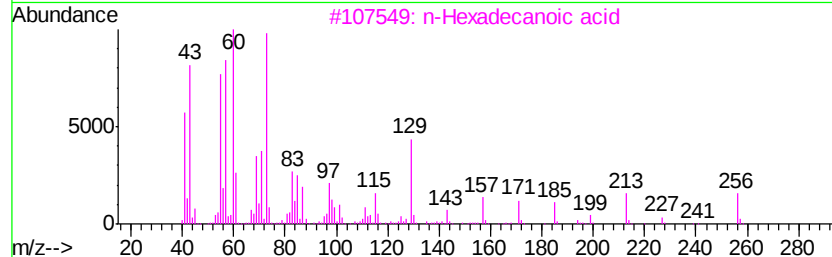
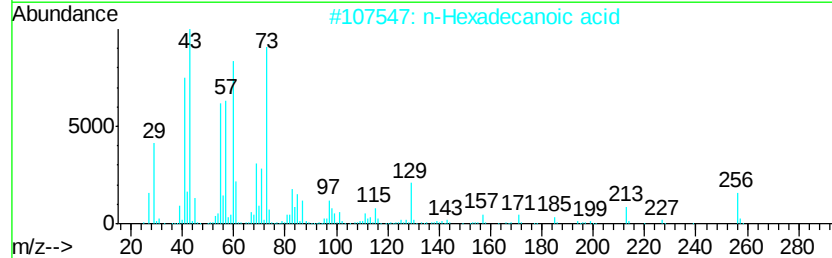
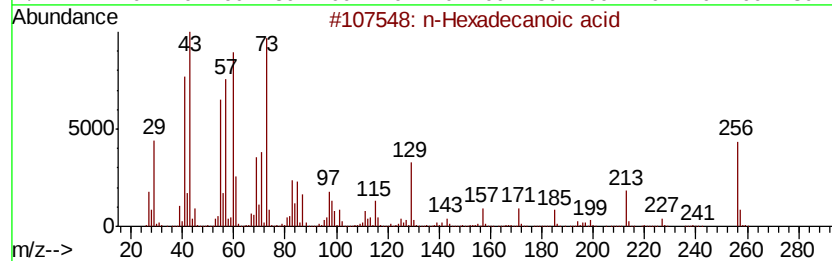
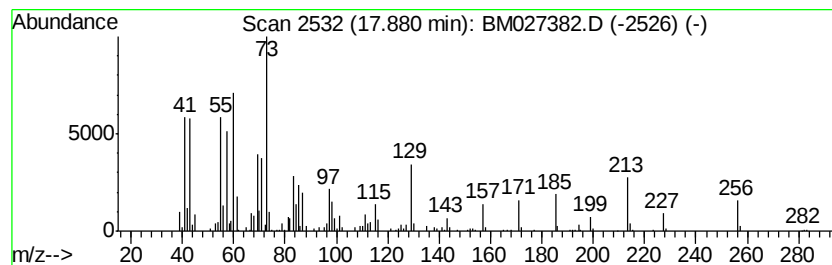
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 2 n-Hexadecanoic acid Concentration Rank 7

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 17.88 | 3.14 ng/ul | 349346 | Phenanthrene-d10 | 16.96 |

| Hit# | of | 5 | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|---------------------|-----|----------|-------------|------|
| 1    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 98   |
| 2    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 96   |
| 3    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 93   |
| 4    |    |   | Pentadecanoic acid  | 242 | C15H30O2 | 001002-84-2 | 58   |
| 5    |    |   | Tetradecanoic acid  | 228 | C14H28O2 | 000544-63-8 | 58   |



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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM090420MA.M  
Quant Title : SVOA CALIBRATION

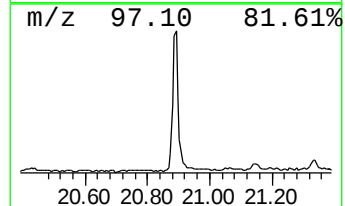
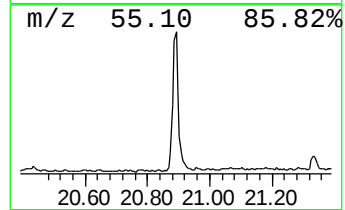
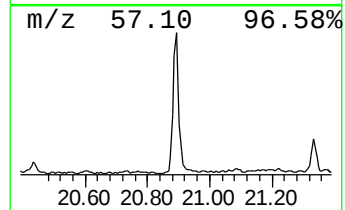
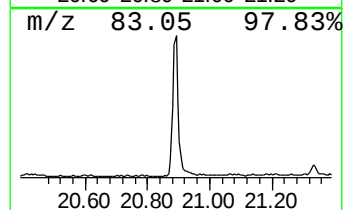
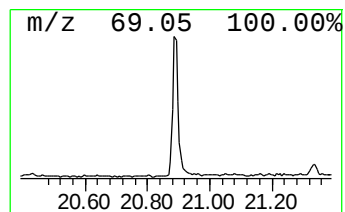
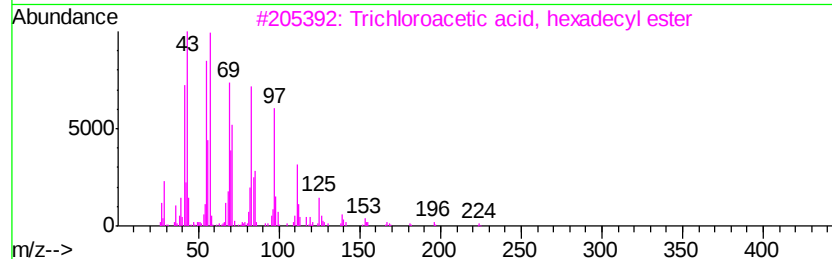
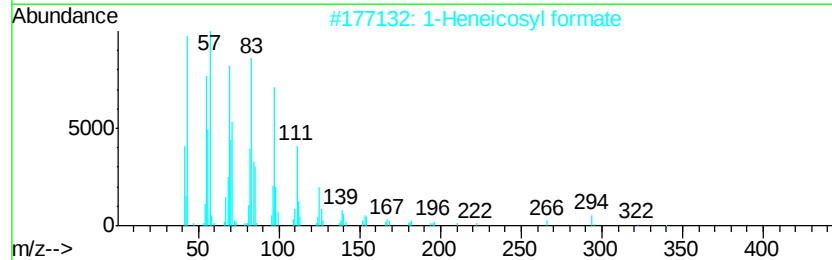
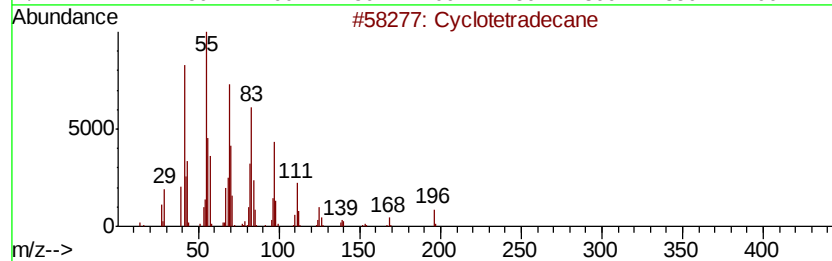
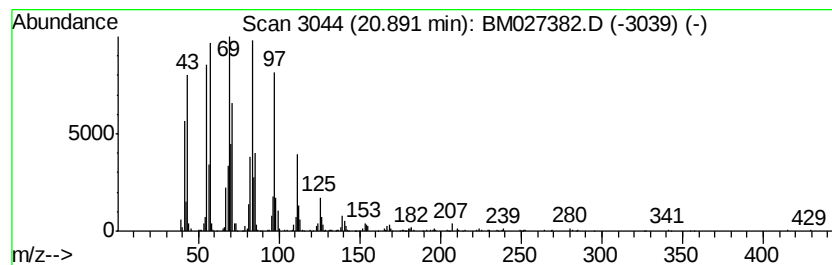
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 3 (DEL) Alkane: Cyclic20.89 Concentration Rank 2

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 20.89 | 5.81 ng/ul | 813917 | Chrysene-d12     | 21.15 |

| Hit# | of | Tentative ID                        | MW  | MolForm     | CAS#        | Qual |
|------|----|-------------------------------------|-----|-------------|-------------|------|
| 1    | 5  | Cyclotetradecane                    | 196 | C14H28      | 000295-17-0 | 95   |
| 2    |    | 1-Heneicosyl formate                | 340 | C22H44O2    | 077899-03-7 | 91   |
| 3    |    | Trichloroacetic acid, hexadecyl ... | 386 | C18H33Cl3O2 | 074339-54-1 | 91   |
| 4    |    | 1-Heptacosanol                      | 396 | C27H56O     | 002004-39-9 | 90   |
| 5    |    | 2-Chloropropionic acid, octadec...  | 360 | C21H41ClO2  | 088104-31-8 | 90   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091020\  
Data File : BM027382.D  
Acq On : 10 Sep 2020 20:14  
Operator : JU/CG  
Sample : L3855-08  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
EW272

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM090420MA.M  
Quant Title : SVOA CALIBRATION

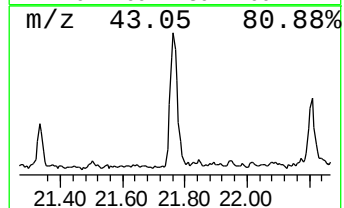
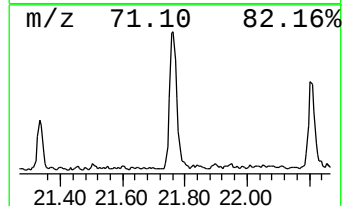
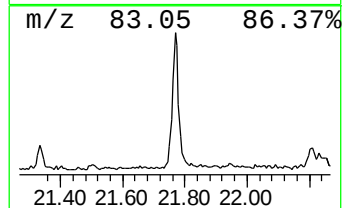
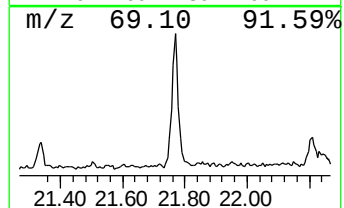
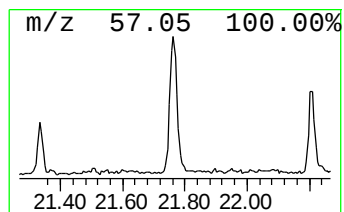
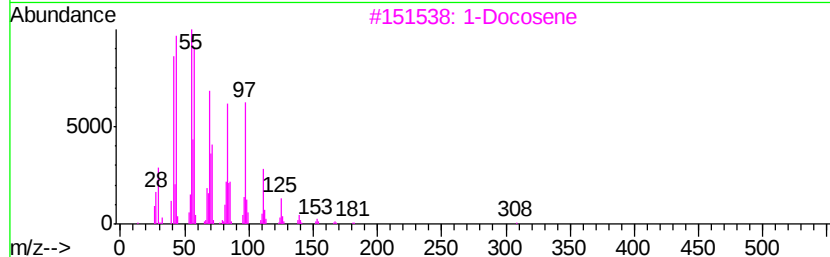
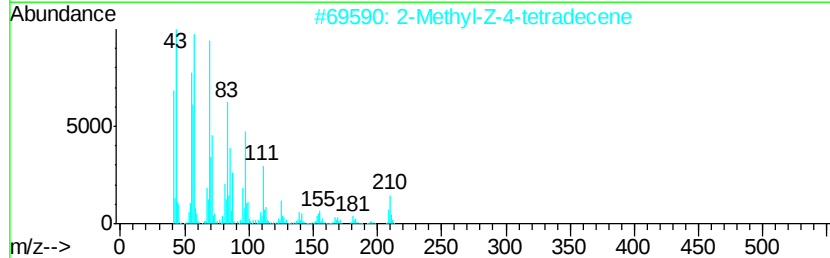
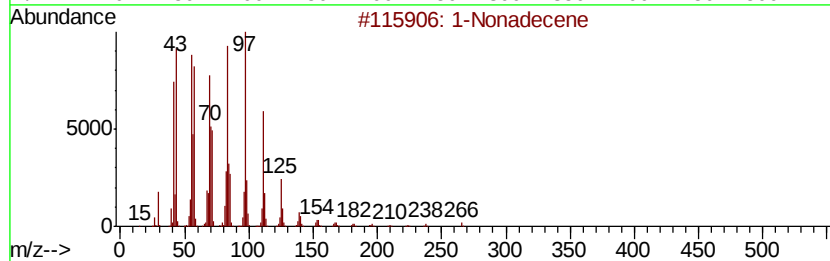
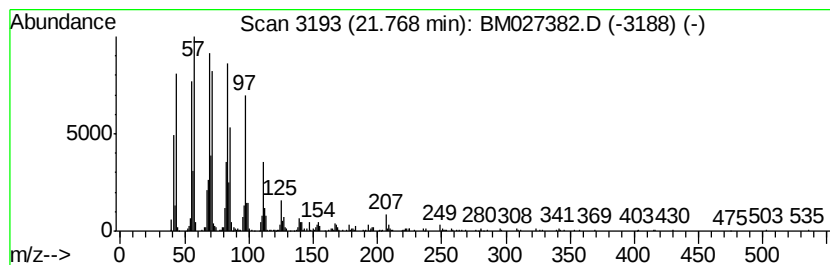
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TIC Integration Parameters: LSCINT.P

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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 6

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 21.77 | 3.36 ng/ul | 471035 | Chrysene-d12     | 21.15 |

| Hit# | of | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|-------------------------------------|-----|----------|--------------|------|
| 1    | 5  | 1-Nonadecene                        | 266 | C19H38   | 018435-45-5  | 95   |
| 2    |    | 2-Methyl-Z-4-tetradecene            | 210 | C15H30   | 1000130-78-3 | 91   |
| 3    |    | 1-Docosene                          | 308 | C22H44   | 001599-67-3  | 89   |
| 4    |    | Oxalic acid, isobutyl octadecyl ... | 398 | C24H46O4 | 1000309-38-3 | 81   |
| 5    |    | 1-Heptacosanol                      | 396 | C27H56O  | 002004-39-9  | 81   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091020\  
Data File : BM027382.D  
Acq On : 10 Sep 2020 20:14  
Operator : JU/CG  
Sample : L3855-08  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
EW272

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM090420MA.M  
Quant Title : SVOA CALIBRATION

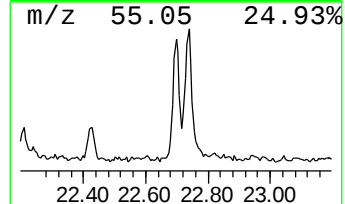
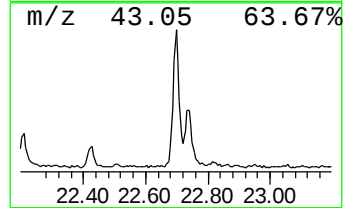
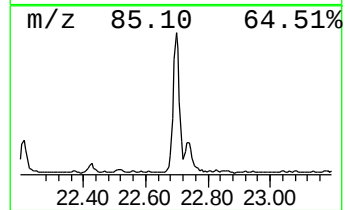
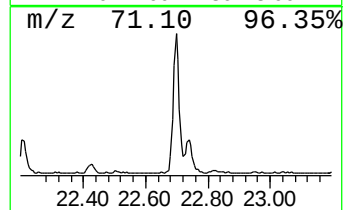
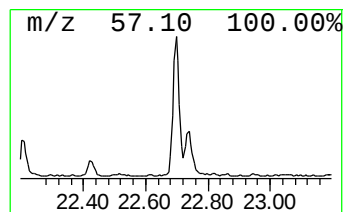
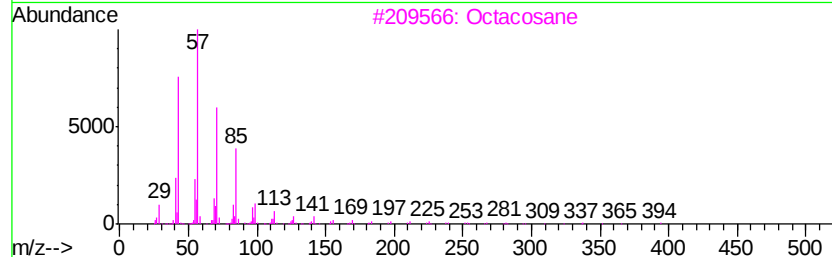
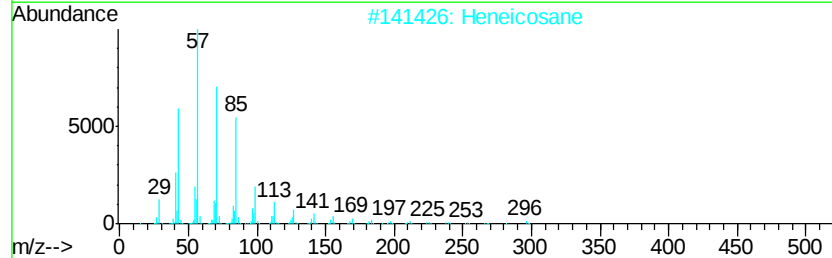
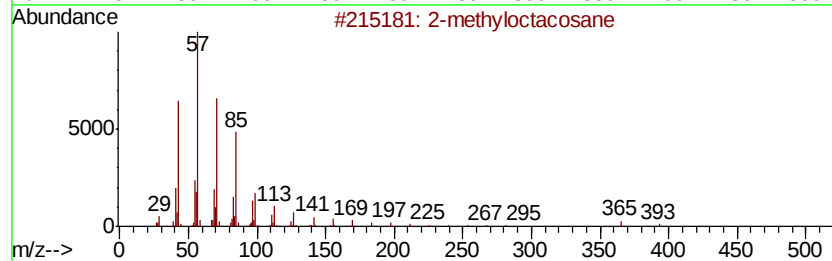
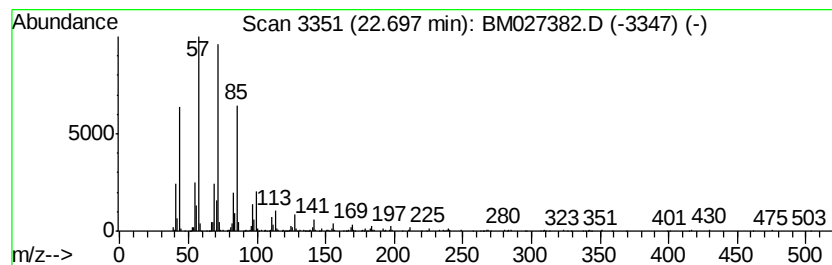
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 3

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 22.70 | 4.81 ng/ul | 597413 | Perylene-d12     | 23.31 |

| Hit# of 5 | Tentative ID          | MW  | MolForm | CAS#         | Qual |
|-----------|-----------------------|-----|---------|--------------|------|
| 1         | 2-methyloctacosane    | 408 | C29H60  | 1000376-72-8 | 91   |
| 2         | Heneicosane           | 296 | C21H44  | 000629-94-7  | 87   |
| 3         | Octacosane            | 394 | C28H58  | 000630-02-4  | 87   |
| 4         | Eicosane, 10-methyl-  | 296 | C21H44  | 054833-23-7  | 81   |
| 5         | Octadecane, 2-methyl- | 268 | C19H40  | 001560-88-9  | 81   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091020\  
Data File : BM027382.D  
Acq On : 10 Sep 2020 20:14  
Operator : JU/CG  
Sample : L3855-08  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
EW272

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM090420MA.M  
Quant Title : SVOA CALIBRATION

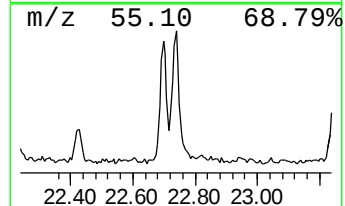
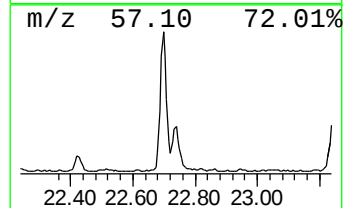
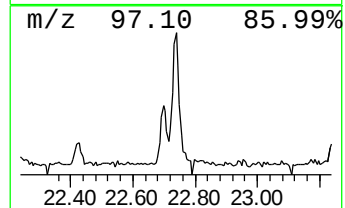
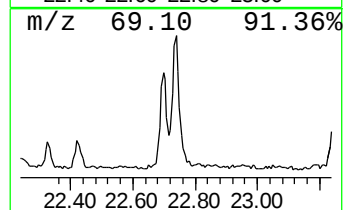
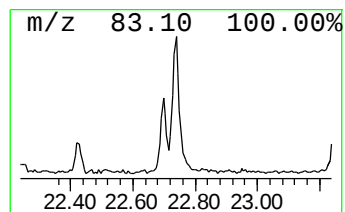
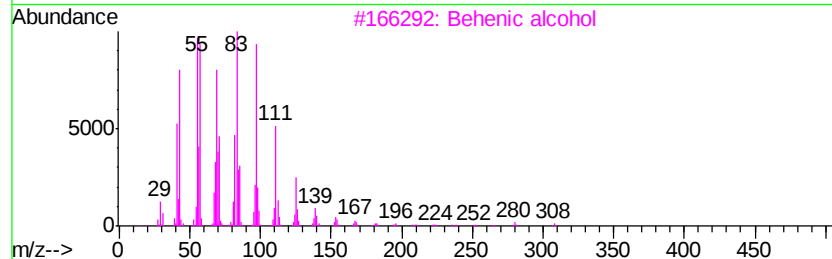
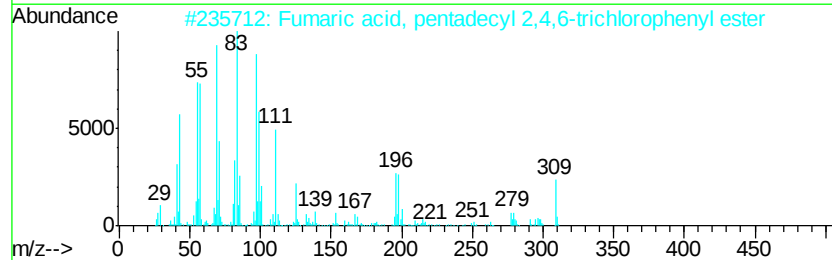
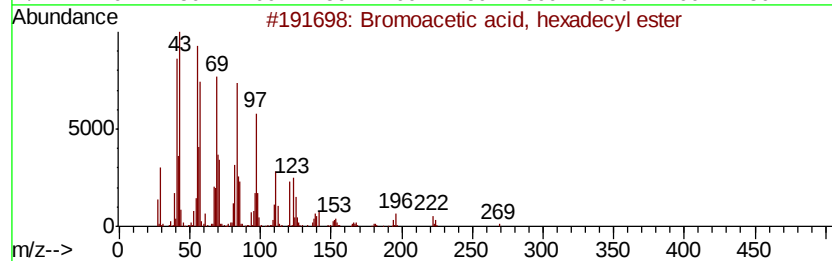
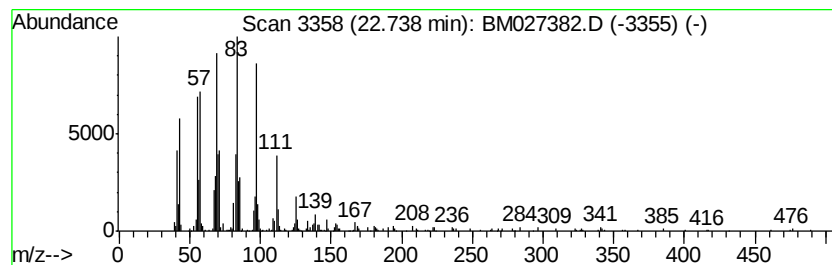
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 6 Bromoacetic acid, hexadecyl... Concentration Rank 5

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 22.74 | 3.41 ng/ul | 424420 | Perylene-d12     | 23.31 |

| Hit# of | 5 | Tentative ID                        | MW  | MolForm     | CAS#         | Qual |
|---------|---|-------------------------------------|-----|-------------|--------------|------|
| 1       |   | Bromoacetic acid, hexadecyl ester   | 362 | C18H35BrO2  | 005454-48-8  | 87   |
| 2       |   | Fumaric acid, pentadecyl 2,4,6-t... | 504 | C25H35Cl3O4 | 1000348-27-8 | 83   |
| 3       |   | Behenic alcohol                     | 326 | C22H46O     | 000661-19-8  | 70   |
| 4       |   | 1-Heneicosanol                      | 312 | C21H44O     | 015594-90-8  | 64   |
| 5       |   | 1-Docosanol, methyl ether           | 340 | C23H48O     | 1000333-91-9 | 64   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091020\  
Data File : BM027382.D  
Acq On : 10 Sep 2020 20:14  
Operator : JU/CG  
Sample : L3855-08  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM090420MA.M  
Quant Title : SVOA CALIBRATION

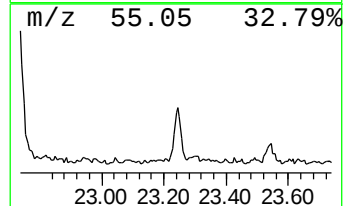
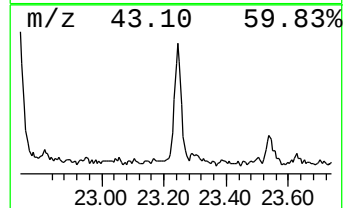
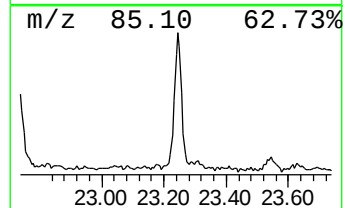
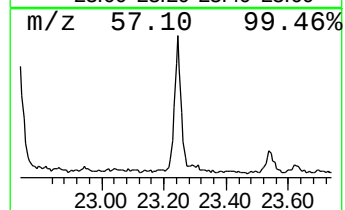
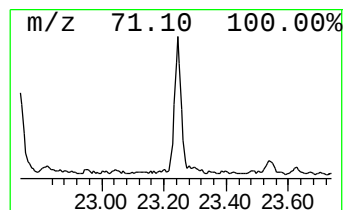
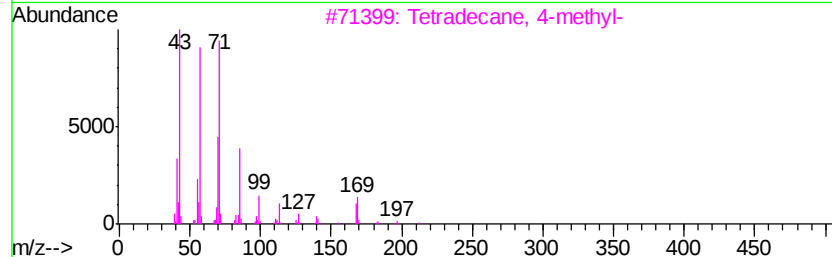
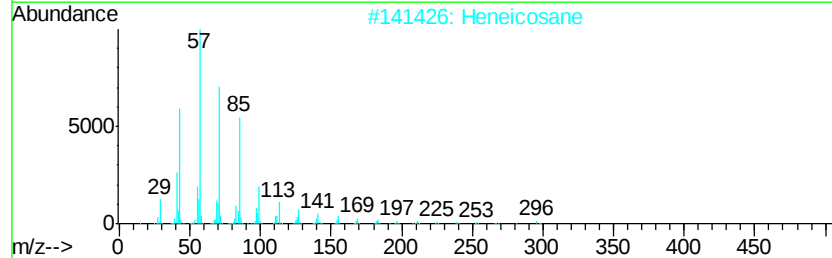
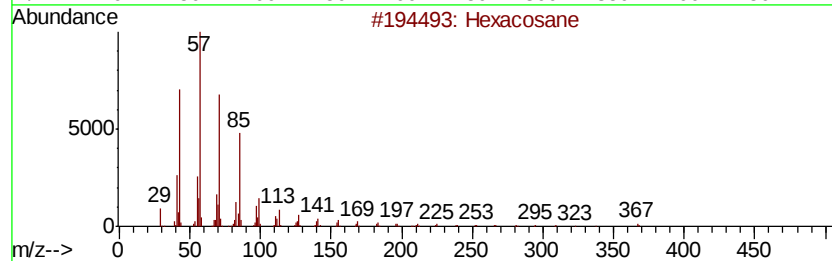
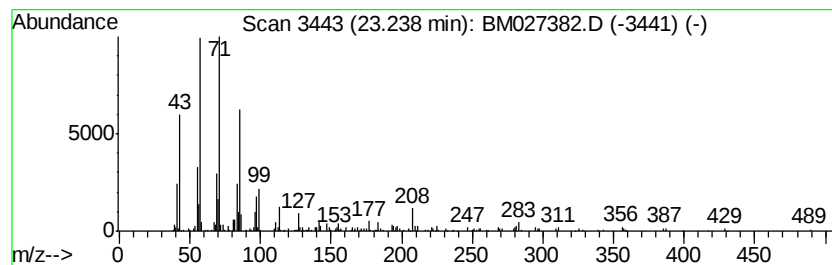
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 9

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 23.24 | 2.02 ng/ul | 251019 | Perylene-d12     | 23.31 |

| Hit# | of | Tentative ID           | MW  | MolForm | CAS#        | Qual |
|------|----|------------------------|-----|---------|-------------|------|
| 1    | 5  | Hexacosane             | 366 | C26H54  | 000630-01-3 | 83   |
| 2    |    | Heneicosane            | 296 | C21H44  | 000629-94-7 | 83   |
| 3    |    | Tetradecane, 4-methyl- | 212 | C15H32  | 025117-24-2 | 81   |
| 4    |    | Tetradecane            | 198 | C14H30  | 000629-59-4 | 81   |
| 5    |    | Octacosane             | 394 | C28H58  | 000630-02-4 | 74   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091020\  
Data File : BM027382.D  
Acq On : 10 Sep 2020 20:14  
Operator : JU/CG  
Sample : L3855-08  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
EW272

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM090420MA.M  
Quant Title : SVOA CALIBRATION

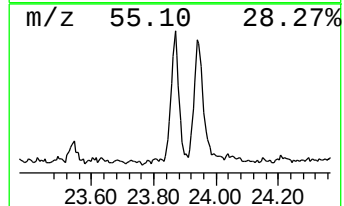
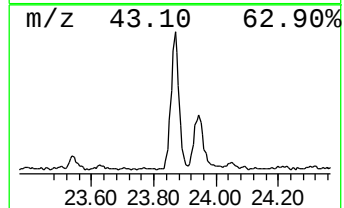
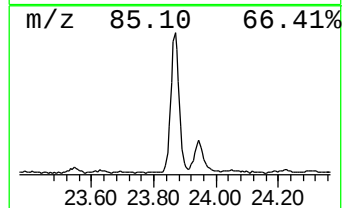
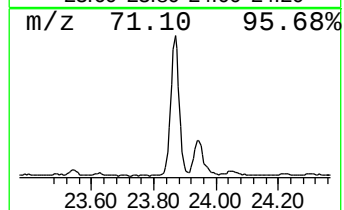
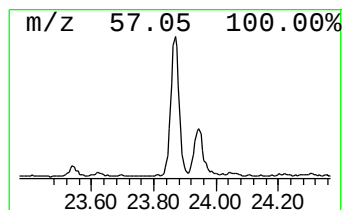
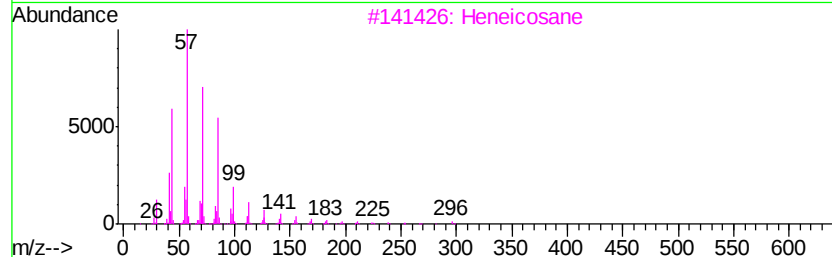
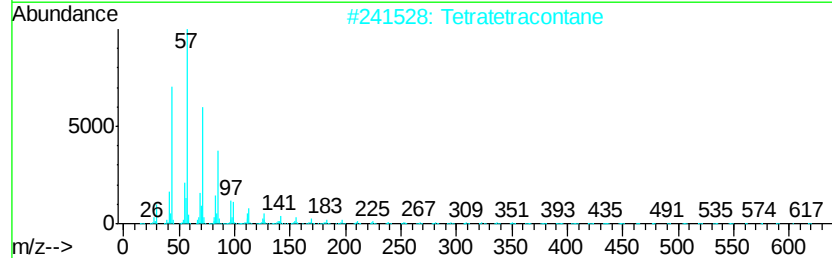
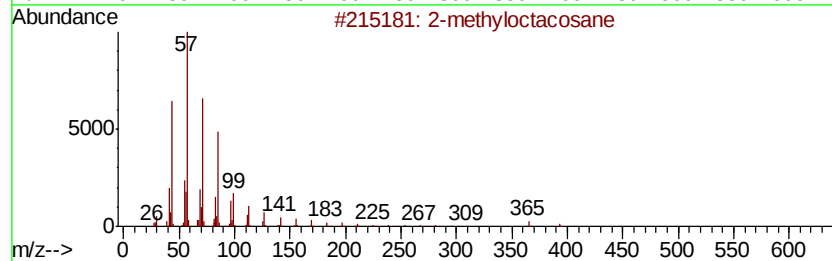
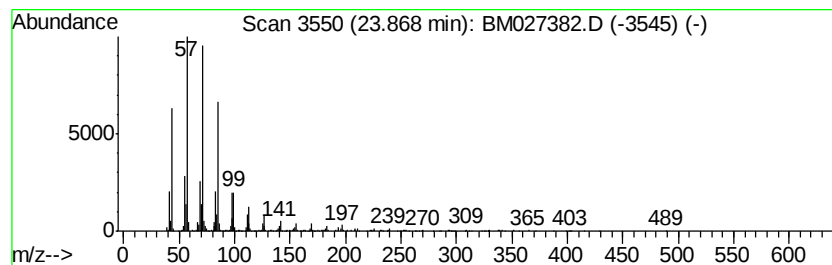
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 1

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 23.87 | 5.82 ng/ul | 723848 | Perylene-d12     | 23.31 |

| Hit# | of | 5 | Tentative ID          | MW  | MolForm | CAS#         | Qual |
|------|----|---|-----------------------|-----|---------|--------------|------|
| 1    |    |   | 2-methyloctacosane    | 408 | C29H60  | 1000376-72-8 | 90   |
| 2    |    |   | Tetratetracontane     | 619 | C44H90  | 007098-22-8  | 83   |
| 3    |    |   | Heneicosane           | 296 | C21H44  | 000629-94-7  | 83   |
| 4    |    |   | Pentadecane, 8-hexyl- | 296 | C21H44  | 013475-75-7  | 81   |
| 5    |    |   | Hexadecane            | 226 | C16H34  | 000544-76-3  | 76   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091020\  
Data File : BM027382.D  
Acq On : 10 Sep 2020 20:14  
Operator : JU/CG  
Sample : L3855-08  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
EW272

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM090420MA.M  
Quant Title : SVOA CALIBRATION

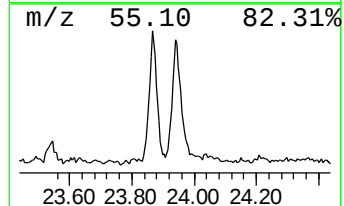
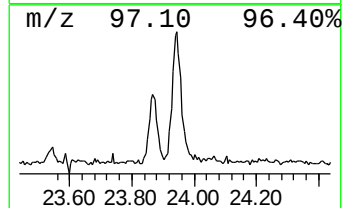
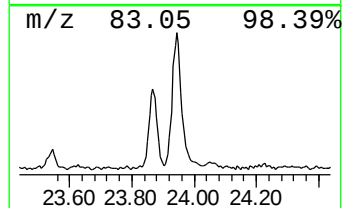
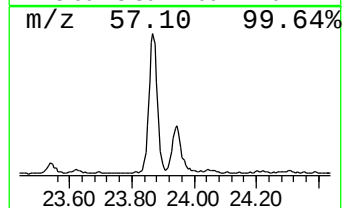
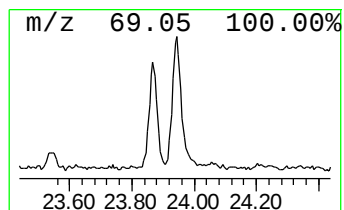
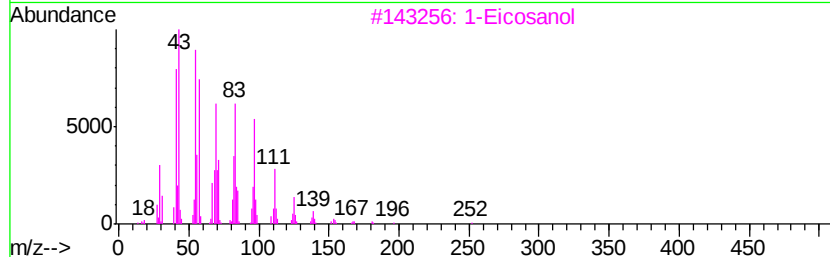
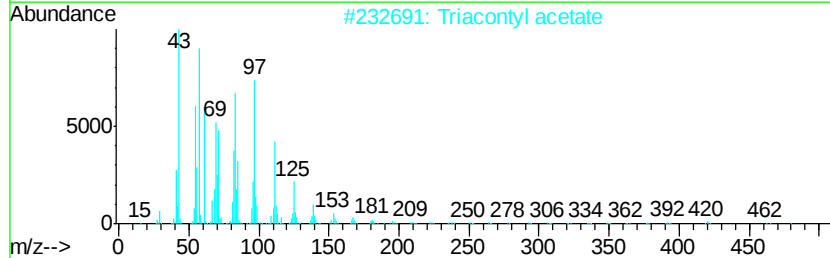
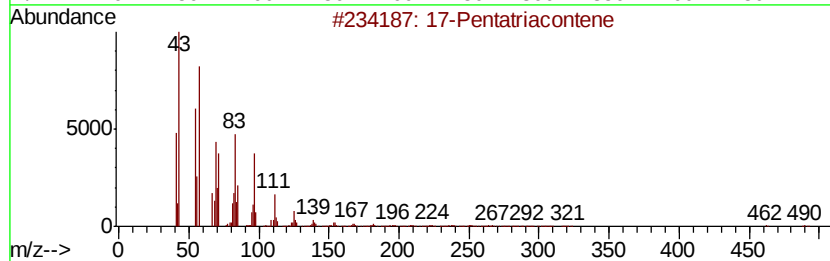
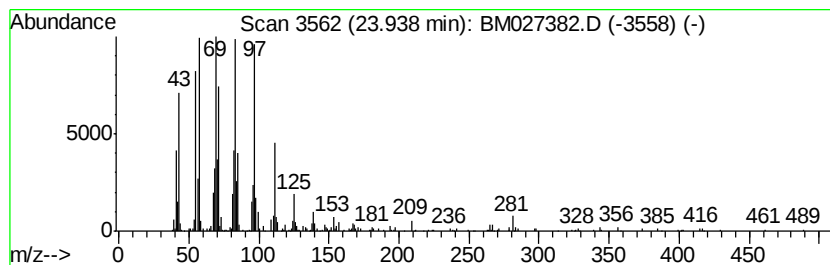
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 4

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 23.94 | 4.40 ng/ul | 546720 | Perylene-d12     | 23.31 |

| Hit# | of | Tentative ID                 | MW  | MolForm    | CAS#         | Qual |
|------|----|------------------------------|-----|------------|--------------|------|
| 1    | 5  | 17-Pentatriacontene          | 491 | C35H70     | 006971-40-0  | 95   |
| 2    |    | Triacetyl acetate            | 480 | C32H64O2   | 041755-58-2  | 86   |
| 3    |    | 1-Eicosanol                  | 298 | C20H42O    | 000629-96-9  | 70   |
| 4    |    | Docosyl heptafluorobutyrte   | 522 | C26H45F7O2 | 1000351-83-1 | 62   |
| 5    |    | Tricosyl heptafluorobutyrate | 536 | C27H47F7O2 | 1000351-83-4 | 58   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM091020\  
Data File : BM027382.D  
Acq On : 10 Sep 2020 20:14  
Operator : JU/CG  
Sample : L3855-08  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
EW272

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM090420MA.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |         |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|---------|------|
|                      |       |         |       |          | #                     | RT    | Resp    | Conc |
| (DEL) Alkane: Str... | 4.06  | 2.0     | ng/ul | 83559    | 1                     | 7.57  | 822746  | 20.0 |
| n-Hexadecanoic acid  | 17.88 | 3.1     | ng/ul | 349346   | 4                     | 16.96 | 2224190 | 20.0 |
| (DEL) Alkane: Cyc... | 20.89 | 5.8     | ng/ul | 813917   | 5                     | 21.15 | 2803070 | 20.0 |
| (DEL) Alkane: Str... | 21.77 | 3.4     | ng/ul | 471035   | 5                     | 21.15 | 2803070 | 20.0 |
| (DEL) Alkane: Str... | 22.70 | 4.8     | ng/ul | 597413   | 6                     | 23.31 | 2486070 | 20.0 |
| Bromoacetic acid,... | 22.74 | 3.4     | ng/ul | 424420   | 6                     | 23.31 | 2486070 | 20.0 |
| (DEL) Alkane: Str... | 23.24 | 2.0     | ng/ul | 251019   | 6                     | 23.31 | 2486070 | 20.0 |
| (DEL) Alkane: Str... | 23.87 | 5.8     | ng/ul | 723848   | 6                     | 23.31 | 2486070 | 20.0 |
| (DEL) Alkane: Str... | 23.94 | 4.4     | ng/ul | 546720   | 6                     | 23.31 | 2486070 | 20.0 |