

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM070621\  
 Data File : BM030846.D  
 Acq On : 07 Jul 2021 07:53  
 Operator : CG/JU  
 Sample : M2854-08  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BGD0

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-BM070621.M  
 Title : SVOA CALIBRATION

Signal : TIC: BM030846.D

| 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         | 3.257       | 26            | 29          | 38           | rVB      | 28521          | 38832         | 1.07%           | 0.111%        |
| 2         | 3.563       | 79            | 81          | 82           | rBV      | 4772           | 4096          | 0.11%           | 0.012%        |
| 3         | 3.675       | 96            | 100         | 123          | rBV      | 246510         | 512863        | 14.20%          | 1.470%        |
| 4         | 3.987       | 150           | 153         | 158          | rVB3     | 6838           | 10123         | 0.28%           | 0.029%        |
| 5         | 5.892       | 473           | 477         | 482          | rBV4     | 3025           | 5774          | 0.16%           | 0.017%        |
| 6         | 6.928       | 647           | 653         | 669          | rBV      | 483376         | 801123        | 22.17%          | 2.296%        |
| 7         | 7.098       | 676           | 682         | 693          | rBV      | 368491         | 590084        | 16.33%          | 1.691%        |
| 8         | 7.292       | 708           | 715         | 729          | rBV      | 490705         | 817141        | 22.62%          | 2.341%        |
| 9         | 7.763       | 788           | 795         | 802          | rBV      | 392245         | 617173        | 17.08%          | 1.768%        |
| 10        | 7.828       | 802           | 806         | 813          | rVB3     | 12551          | 19336         | 0.54%           | 0.055%        |
| 11        | 8.463       | 907           | 914         | 925          | rBV      | 579529         | 937198        | 25.94%          | 2.685%        |
| 12        | 8.916       | 984           | 991         | 1006         | rBV      | 453236         | 767376        | 21.24%          | 2.199%        |
| 13        | 9.633       | 1105          | 1113        | 1129         | rBV      | 379602         | 642800        | 17.79%          | 1.842%        |
| 14        | 10.169      | 1196          | 1204        | 1225         | rBV      | 575294         | 995872        | 27.56%          | 2.854%        |
| 15        | 10.333      | 1225          | 1232        | 1255         | rBV      | 131316         | 323356        | 8.95%           | 0.927%        |
| 16        | 10.545      | 1261          | 1268        | 1276         | rVB      | 534421         | 889788        | 24.63%          | 2.550%        |
| 17        | 10.686      | 1284          | 1292        | 1313         | rBV      | 501284         | 931975        | 25.80%          | 2.671%        |
| 18        | 12.139      | 1532          | 1539        | 1546         | rBV      | 8473           | 14947         | 0.41%           | 0.043%        |
| 19        | 12.745      | 1639          | 1642        | 1647         | rVB2     | 3551           | 4121          | 0.11%           | 0.012%        |
| 20        | 12.998      | 1681          | 1685        | 1691         | rVB3     | 4270           | 6694          | 0.19%           | 0.019%        |
| 21        | 13.216      | 1717          | 1722        | 1724         | rBV2     | 4663           | 6766          | 0.19%           | 0.019%        |
| 22        | 13.363      | 1743          | 1747        | 1751         | rVB6     | 2487           | 3743          | 0.10%           | 0.011%        |
| 23        | 13.733      | 1806          | 1810        | 1814         | rVB4     | 3786           | 4784          | 0.13%           | 0.014%        |
| 24        | 13.804      | 1815          | 1822        | 1832         | rBV      | 1006706        | 1396201       | 38.64%          | 4.001%        |
| 25        | 14.086      | 1858          | 1870        | 1883         | rBV      | 1149042        | 1730005       | 47.88%          | 4.957%        |
| 26        | 14.215      | 1888          | 1892        | 1896         | rVV4     | 6041           | 8398          | 0.23%           | 0.024%        |
| 27        | 14.292      | 1898          | 1905        | 1910         | rVB4     | 5643           | 8334          | 0.23%           | 0.024%        |
| 28        | 14.392      | 1915          | 1922        | 1933         | rVV      | 801137         | 1197209       | 33.14%          | 3.431%        |
| 29        | 14.480      | 1933          | 1937        | 1941         | rVB4     | 4091           | 5759          | 0.16%           | 0.017%        |
| 30        | 14.598      | 1946          | 1957        | 1976         | rBV      | 247441         | 588451        | 16.29%          | 1.686%        |
| 31        | 14.815      | 1991          | 1994        | 1999         | rVB4     | 3396           | 5583          | 0.15%           | 0.016%        |
| 32        | 14.986      | 2019          | 2023        | 2027         | rBV4     | 3915           | 5665          | 0.16%           | 0.016%        |
| 33        | 15.033      | 2027          | 2031        | 2036         | rVB7     | 2536           | 4030          | 0.11%           | 0.012%        |
| 34        | 15.192      | 2053          | 2058        | 2060         | rBV2     | 3732           | 5324          | 0.15%           | 0.015%        |
| 35        | 15.245      | 2064          | 2067        | 2072         | rVB2     | 6183           | 7284          | 0.20%           | 0.021%        |
| 36        | 15.386      | 2083          | 2091        | 2105         | rBV      | 1483986        | 2123994       | 58.79%          | 6.086%        |

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 ClientSampleId :  
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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-BM070621.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 37 | 15.510 | 2106 | 2112 | 2127 | rVV  | 400301  | 590384  | 16.34% | 1.692% |
| 38 | 15.627 | 2127 | 2132 | 2139 | rVB2 | 18505   | 31145   | 0.86%  | 0.089% |
| 39 | 15.839 | 2163 | 2168 | 2176 | rVB7 | 5256    | 10262   | 0.28%  | 0.029% |
| 40 | 16.068 | 2200 | 2207 | 2209 | rBV6 | 5927    | 8765    | 0.24%  | 0.025% |
| 41 | 16.104 | 2209 | 2213 | 2218 | rVV5 | 4227    | 6993    | 0.19%  | 0.020% |
| 42 | 16.168 | 2220 | 2224 | 2228 | rVB3 | 14100   | 17802   | 0.49%  | 0.051% |
| 43 | 16.280 | 2236 | 2243 | 2246 | rVB7 | 4860    | 10355   | 0.29%  | 0.030% |
| 44 | 16.368 | 2254 | 2258 | 2262 | rVB  | 10703   | 13787   | 0.38%  | 0.040% |
| 45 | 16.527 | 2280 | 2285 | 2293 | rBV  | 17123   | 29620   | 0.82%  | 0.085% |
| 46 | 16.592 | 2293 | 2296 | 2301 | rVB3 | 7290    | 9374    | 0.26%  | 0.027% |
| 47 | 16.809 | 2328 | 2333 | 2337 | rBV7 | 2293    | 3689    | 0.10%  | 0.011% |
| 48 | 16.868 | 2340 | 2343 | 2346 | rBV  | 9590    | 12451   | 0.34%  | 0.036% |
| 49 | 17.133 | 2381 | 2388 | 2396 | rBV  | 950978  | 1375107 | 38.06% | 3.940% |
| 50 | 17.233 | 2396 | 2405 | 2416 | rVV  | 1485224 | 2244803 | 62.13% | 6.432% |
| 51 | 17.433 | 2437 | 2439 | 2447 | rVB7 | 4432    | 8425    | 0.23%  | 0.024% |
| 52 | 17.803 | 2494 | 2502 | 2506 | rBV8 | 9439    | 16013   | 0.44%  | 0.046% |
| 53 | 17.903 | 2514 | 2519 | 2520 | rBV5 | 5124    | 7361    | 0.20%  | 0.021% |
| 54 | 18.021 | 2533 | 2539 | 2551 | rBV  | 163859  | 285812  | 7.91%  | 0.819% |
| 55 | 18.427 | 2600 | 2608 | 2610 | rBV  | 30747   | 48916   | 1.35%  | 0.140% |
| 56 | 18.462 | 2610 | 2614 | 2622 | rVB  | 139180  | 250190  | 6.92%  | 0.717% |
| 57 | 18.603 | 2633 | 2638 | 2645 | rBV2 | 46705   | 88674   | 2.45%  | 0.254% |
| 58 | 18.709 | 2652 | 2656 | 2659 | rBV4 | 13558   | 23280   | 0.64%  | 0.067% |
| 59 | 18.745 | 2659 | 2662 | 2667 | rVB  | 70856   | 87013   | 2.41%  | 0.249% |
| 60 | 18.821 | 2672 | 2675 | 2678 | rBV4 | 3602    | 4136    | 0.11%  | 0.012% |
| 61 | 18.880 | 2680 | 2685 | 2687 | rBV5 | 14919   | 25312   | 0.70%  | 0.073% |
| 62 | 18.909 | 2687 | 2690 | 2694 | rVB6 | 11125   | 12237   | 0.34%  | 0.035% |
| 63 | 18.950 | 2694 | 2697 | 2698 | rBV2 | 8272    | 9161    | 0.25%  | 0.026% |
| 64 | 18.992 | 2699 | 2704 | 2708 | rVB  | 159824  | 209039  | 5.79%  | 0.599% |
| 65 | 19.115 | 2722 | 2725 | 2728 | rBV5 | 8969    | 12777   | 0.35%  | 0.037% |
| 66 | 19.150 | 2729 | 2731 | 2740 | rVB2 | 27532   | 54033   | 1.50%  | 0.155% |
| 67 | 19.239 | 2740 | 2746 | 2753 | rVB  | 514980  | 674062  | 18.66% | 1.931% |
| 68 | 19.297 | 2753 | 2756 | 2766 | rVB2 | 51789   | 82615   | 2.29%  | 0.237% |
| 69 | 19.433 | 2771 | 2779 | 2782 | rBV2 | 69973   | 112468  | 3.11%  | 0.322% |
| 70 | 19.521 | 2788 | 2794 | 2800 | rBV  | 1851824 | 2426582 | 67.16% | 6.953% |
| 71 | 19.580 | 2800 | 2804 | 2808 | rVB  | 46428   | 59802   | 1.66%  | 0.171% |
| 72 | 19.750 | 2829 | 2833 | 2837 | rBV2 | 20261   | 29728   | 0.82%  | 0.085% |
| 73 | 19.903 | 2855 | 2859 | 2860 | rBV3 | 12067   | 16502   | 0.46%  | 0.047% |
| 74 | 19.962 | 2862 | 2869 | 2875 | rVB  | 605157  | 777732  | 21.53% | 2.229% |
| 75 | 20.180 | 2902 | 2906 | 2908 | rBV4 | 27414   | 35631   | 0.99%  | 0.102% |
| 76 | 20.209 | 2908 | 2911 | 2914 | rVB4 | 29110   | 33950   | 0.94%  | 0.097% |

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Instrument :  
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 ClientSampleId :  
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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-BM070621.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |         |         |
|----|--------|------|------|------|------|---------|---------|---------|---------|
| 77 | 20.374 | 2935 | 2939 | 2943 | rBV4 | 35780   | 52464   | 1.45%   | 0.150%  |
| 78 | 20.515 | 2954 | 2963 | 2968 | rBV  | 3029303 | 3612952 | 100.00% | 10.353% |
| 79 | 20.627 | 2979 | 2982 | 2984 | rBV3 | 31796   | 35724   | 0.99%   | 0.102%  |
| 80 | 20.703 | 2991 | 2995 | 3001 | rBV7 | 40644   | 68289   | 1.89%   | 0.196%  |
| 81 | 20.756 | 3001 | 3004 | 3008 | rVV4 | 39763   | 46920   | 1.30%   | 0.134%  |
| 82 | 20.909 | 3026 | 3030 | 3032 | rBV3 | 37949   | 50545   | 1.40%   | 0.145%  |
| 83 | 21.009 | 3043 | 3047 | 3051 | rBV  | 253190  | 313142  | 8.67%   | 0.897%  |
| 84 | 21.050 | 3051 | 3054 | 3057 | rVB  | 164095  | 189369  | 5.24%   | 0.543%  |
| 85 | 21.303 | 3091 | 3097 | 3105 | rBV  | 930891  | 1264031 | 34.99%  | 3.622%  |
| 86 | 21.897 | 3194 | 3198 | 3210 | rVB2 | 184469  | 323913  | 8.97%   | 0.928%  |
| 87 | 22.315 | 3266 | 3269 | 3272 | rBV  | 54936   | 82656   | 2.29%   | 0.237%  |
| 88 | 22.474 | 3293 | 3296 | 3301 | rVB2 | 59088   | 80242   | 2.22%   | 0.230%  |
| 89 | 23.403 | 3447 | 3454 | 3467 | rVB  | 966356  | 1885020 | 52.17%  | 5.401%  |
| 90 | 23.544 | 3472 | 3478 | 3490 | rVB2 | 575978  | 1105353 | 30.59%  | 3.167%  |

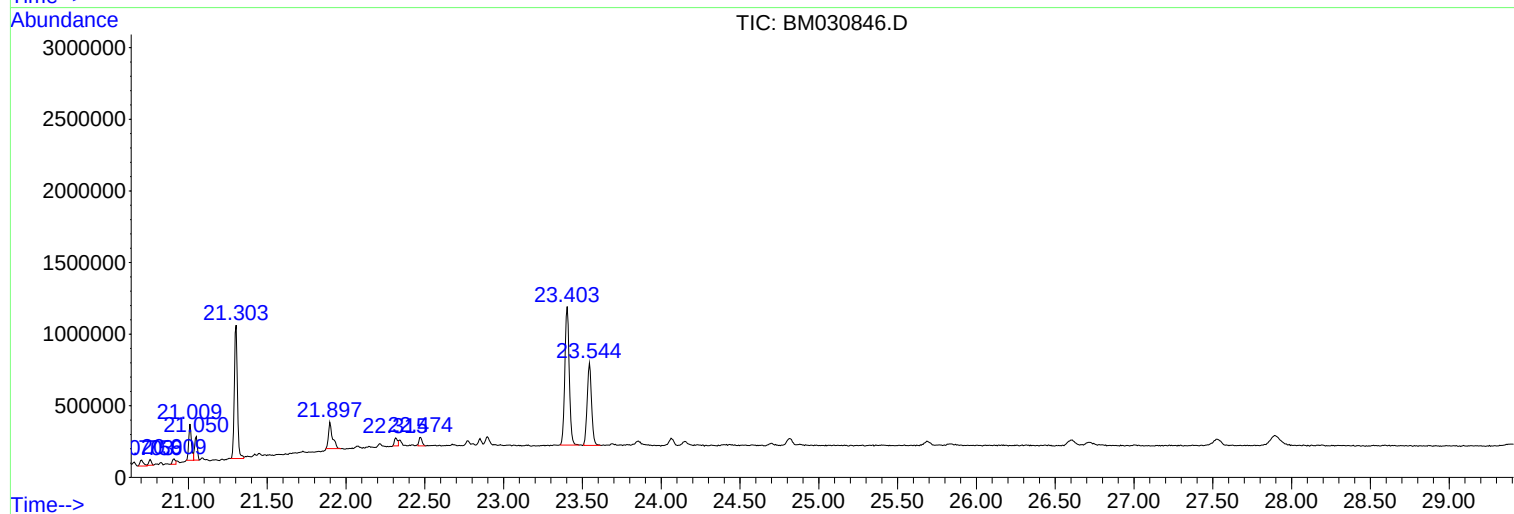
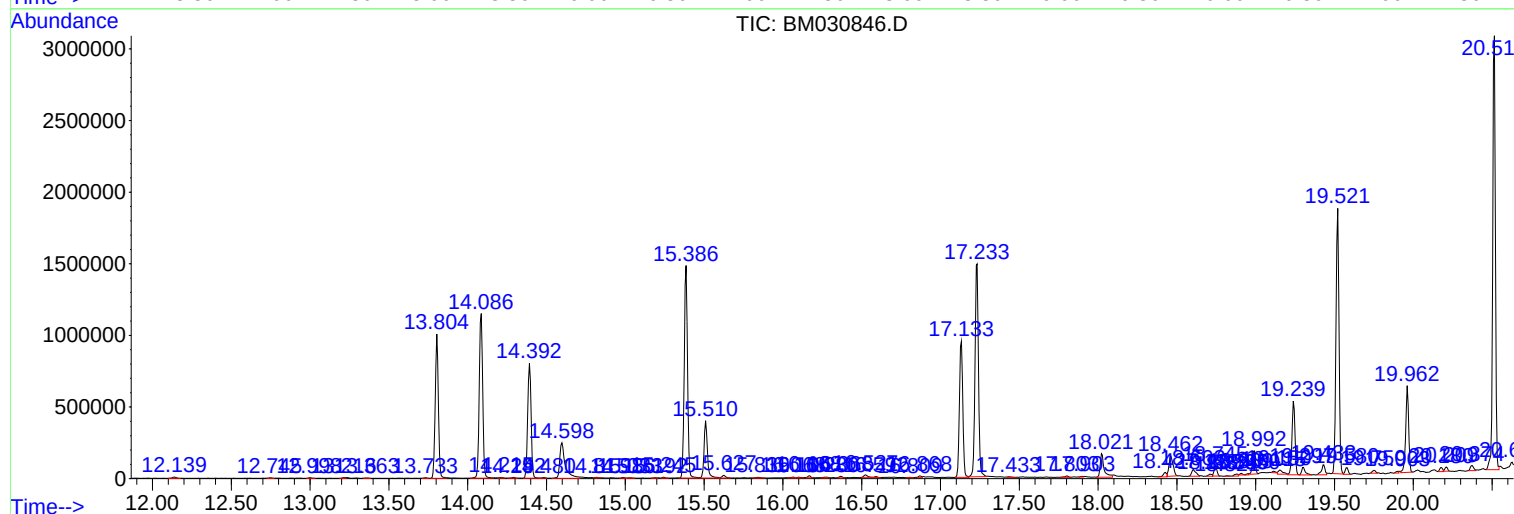
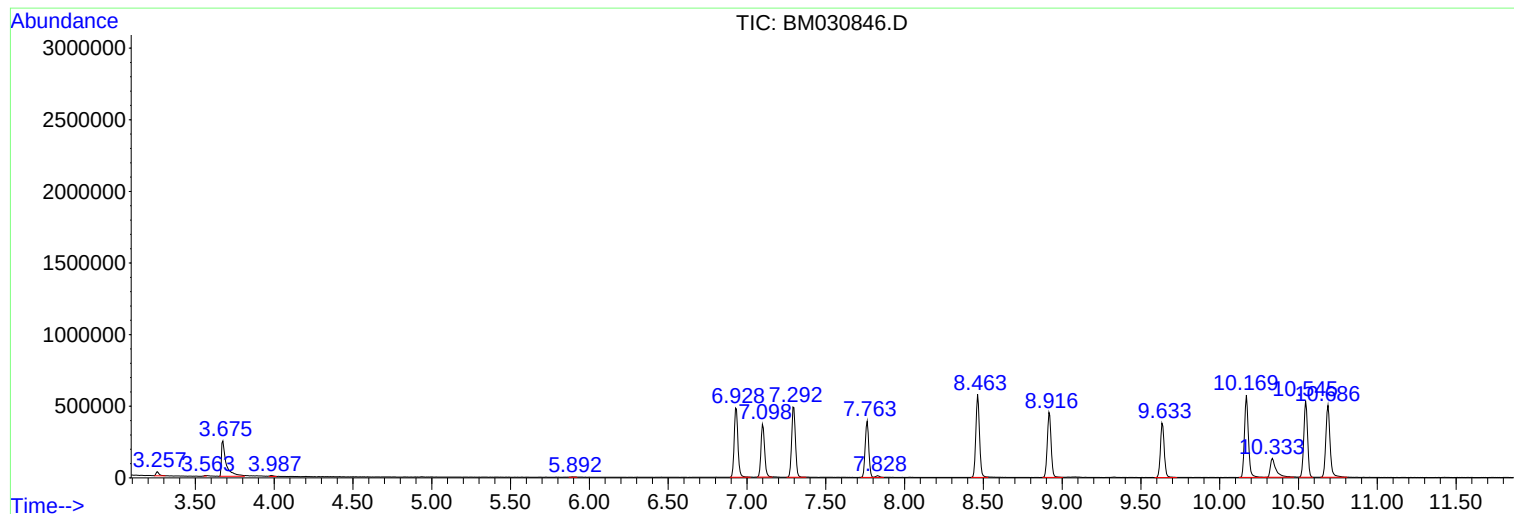
Sum of corrected areas: 34898810

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Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-BM070621.M  
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM070621\  
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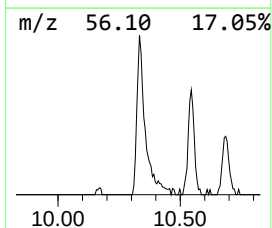
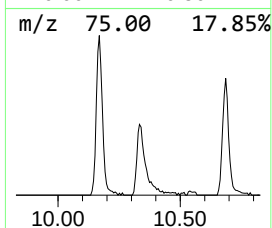
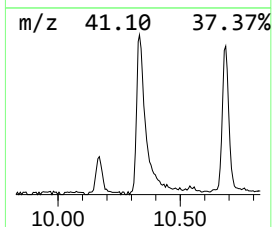
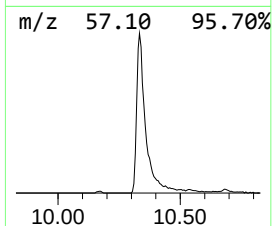
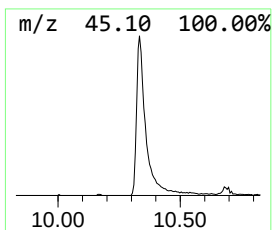
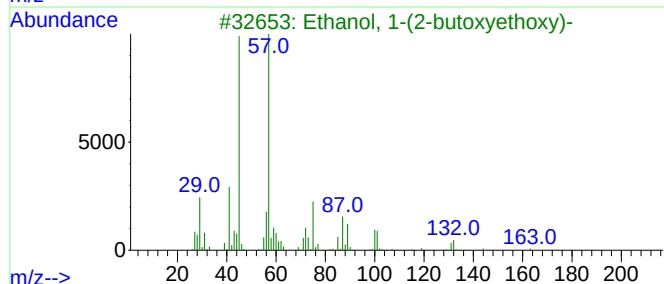
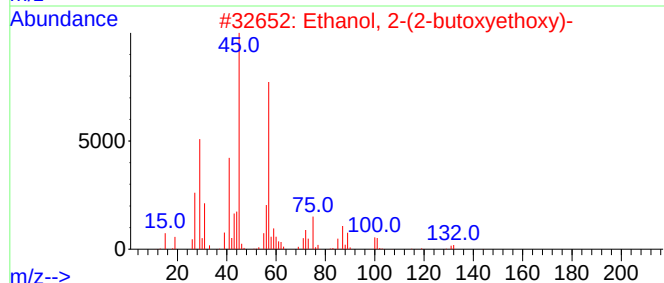
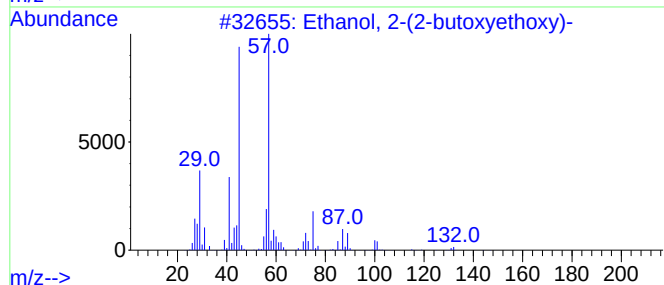
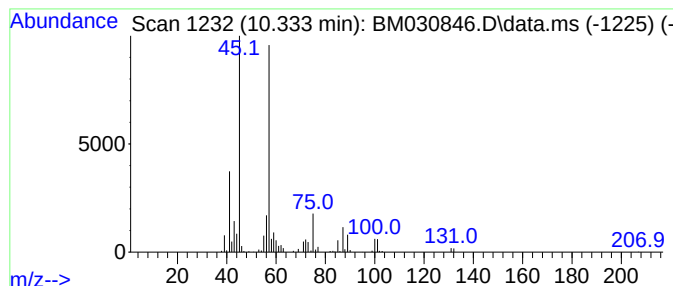
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-BM070621.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 1 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 4

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 10.330 | 7.27 ng/ul | 323356 | Naphthalene-d8   | 10.545 |

| 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, 1-(2-butoxyethoxy)- | 162 | C8H18O3 | 054446-78-5 | 78   |
| 4    |    |   | Ethanol, 2-(2-butoxyethoxy)- | 162 | C8H18O3 | 000112-34-5 | 72   |
| 5    |    |   | Di-sec-butyl ether           | 130 | C8H18O  | 006863-58-7 | 53   |



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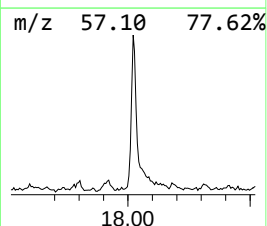
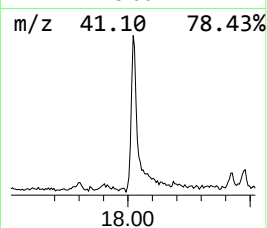
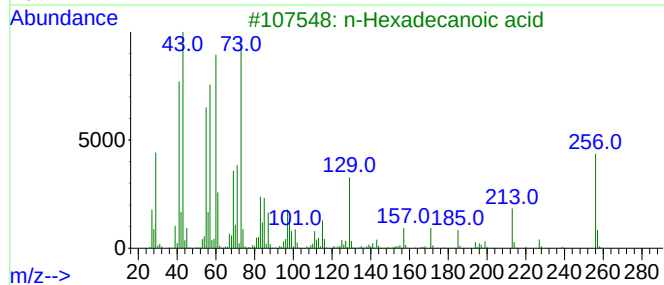
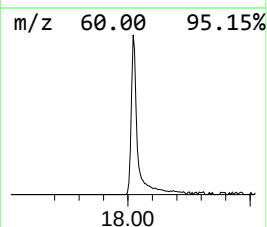
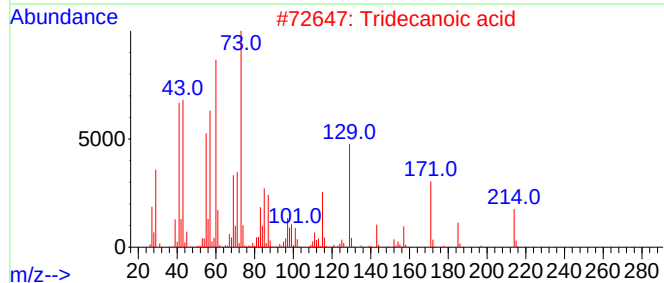
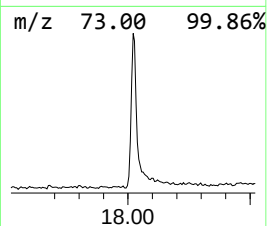
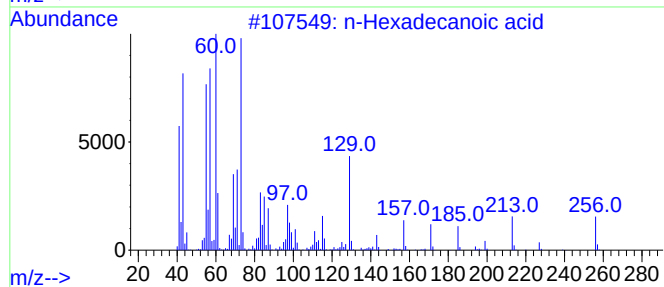
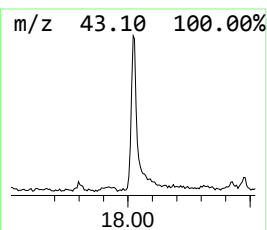
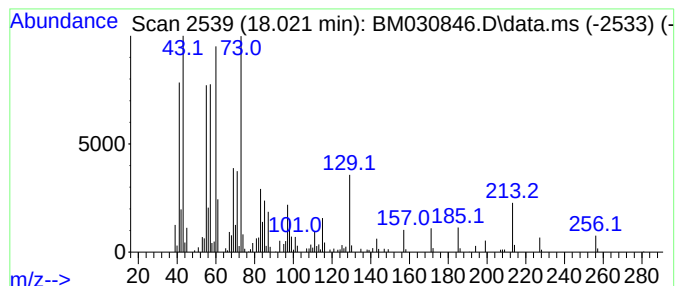
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-BM070621.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 2 n-Hexadecanoic acid Concentration Rank 7

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 18.020 | 4.16 ng/ul | 285812 | Phenanthrene-d10 | 17.133 |

| Hit# | of | 5 | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|---------------------|-----|----------|-------------|------|
| 1    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 98   |
| 2    |    |   | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 95   |
| 3    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 95   |
| 4    |    |   | Tetradecanoic acid  | 228 | C14H28O2 | 000544-63-8 | 94   |
| 5    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 86   |



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BGDT0

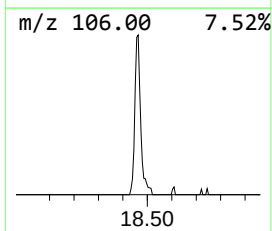
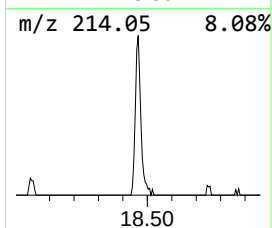
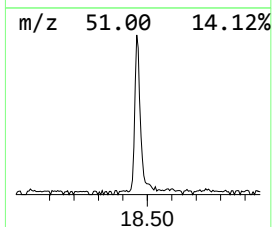
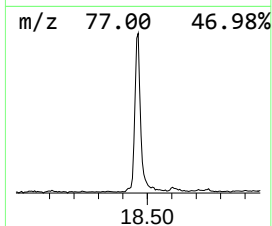
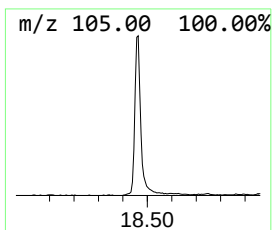
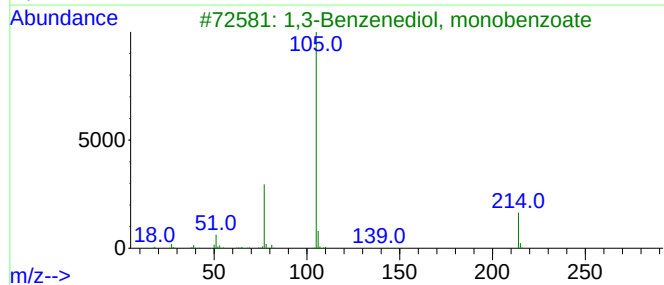
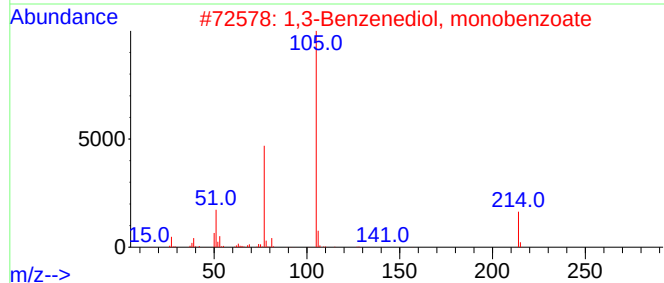
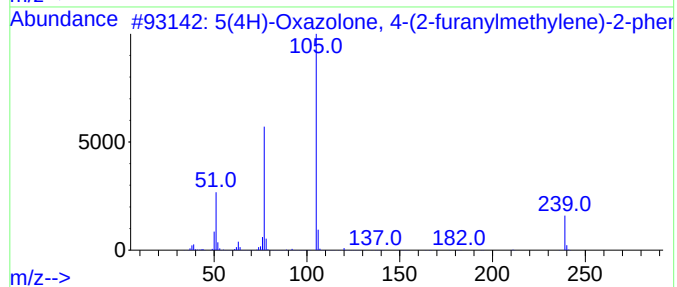
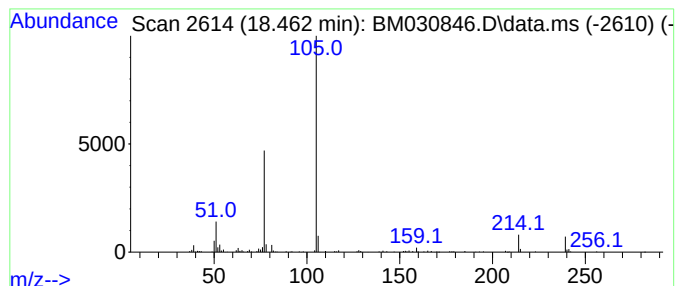
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Quant Title : SVOA CALIBRATION

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

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Peak Number 3 5(4H)-Oxazolone, 4-(2-furan... Concentration Rank 8

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 18.460 | 3.64 ng/ul | 250190 | Phenanthrene-d10 | 17.133 |

| Hit# | of | 5 | Tentative ID                         | MW  | MolForm  | CAS#        | Qual |
|------|----|---|--------------------------------------|-----|----------|-------------|------|
| 1    |    |   | 5(4H)-Oxazolone, 4-(2-furanylmeth... | 239 | C14H9NO3 | 015601-47-5 | 87   |
| 2    |    |   | 1,3-Benzenediol, monobenzoate        | 214 | C13H10O3 | 000136-36-7 | 87   |
| 3    |    |   | 1,3-Benzenediol, monobenzoate        | 214 | C13H10O3 | 000136-36-7 | 83   |
| 4    |    |   | 1,4-Benzenediol, monobenzoate        | 214 | C13H10O3 | 002444-19-1 | 83   |
| 5    |    |   | 1,4-Benzenediol, monobenzoate        | 214 | C13H10O3 | 002444-19-1 | 80   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM070621\  
Data File : BM030846.D  
Acq On : 07 Jul 2021 07:53  
Operator : CG/JU  
Sample : M2854-08  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
BGDT0

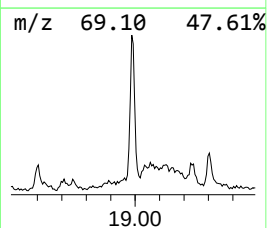
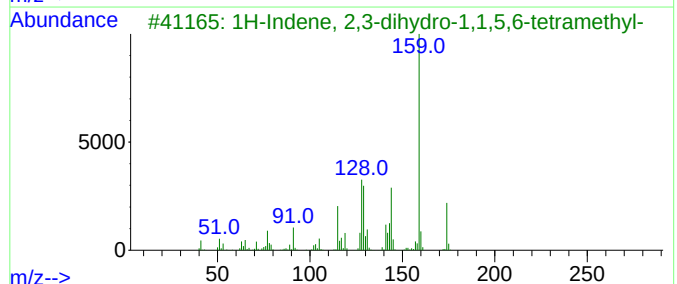
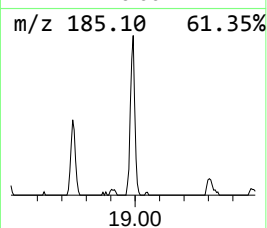
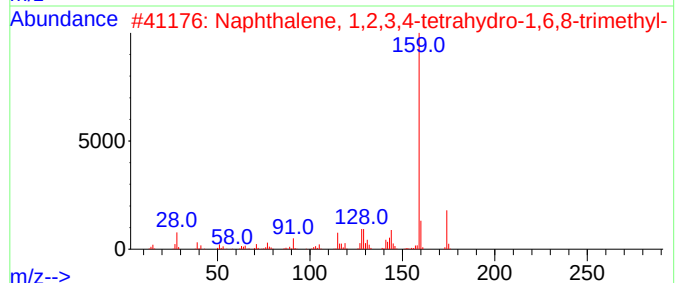
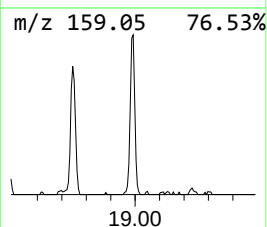
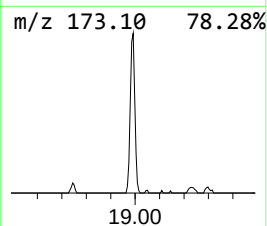
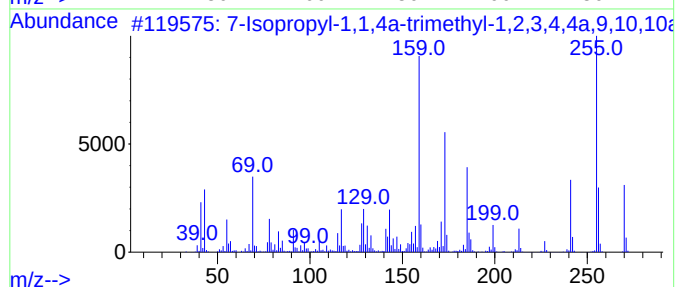
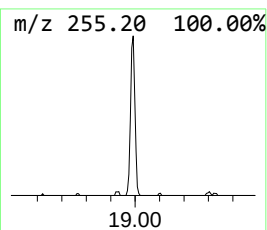
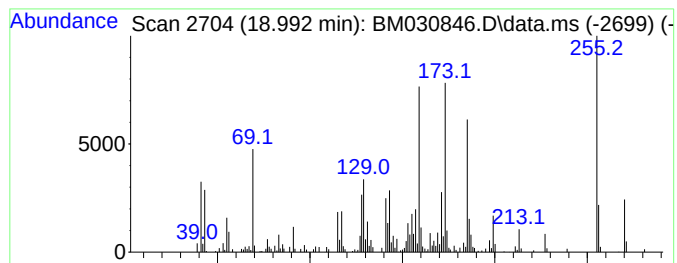
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Quant Title : SVOA CALIBRATION

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

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Peak Number 4 7-Isopropyl-1,1,4a-trimethy... Concentration Rank 9

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 18.990 | 3.04 ng/ul | 209039 | Phenanthrene-d10 | 17.133 |

| Hit# | of                                  | 5   | Tentative ID | MW           | MolForm | CAS# | Qual |
|------|-------------------------------------|-----|--------------|--------------|---------|------|------|
| 1    | 7-Isopropyl-1,1,4a-trimethyl-1,2... | 270 | C20H30       | 1000210-28-9 | 68      |      |      |
| 2    | Naphthalene, 1,2,3,4-tetrahydro-... | 174 | C13H18       | 030316-36-0  | 25      |      |      |
| 3    | 1H-Indene, 2,3-dihydro-1,1,5,6-t... | 174 | C13H18       | 000942-43-8  | 15      |      |      |
| 4    | Iron, (.eta.-5-cyclohexadienyl)(... | 270 | C16H22Fe     | 1000162-99-3 | 14      |      |      |
| 5    | 5-tert-Butyl-2,2'-dimethoxy-biph... | 270 | C18H22O2     | 1000318-04-7 | 14      |      |      |





Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM070621\  
Data File : BM030846.D  
Acq On : 07 Jul 2021 07:53  
Operator : CG/JU  
Sample : M2854-08  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-BM070621.M  
Quant Title : SVOA CALIBRATION

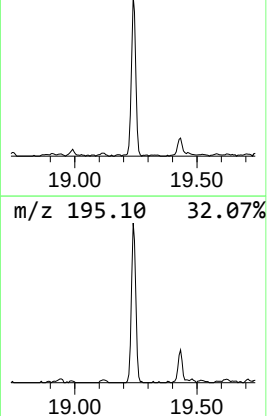
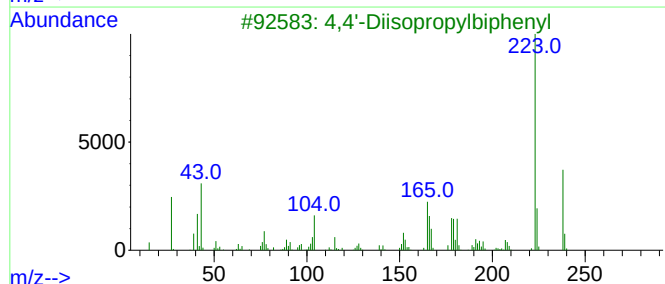
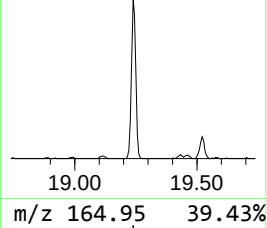
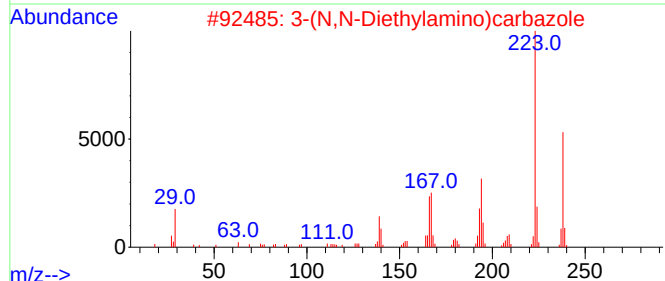
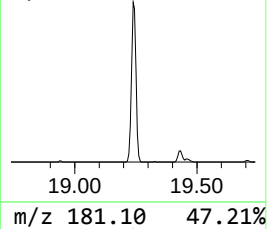
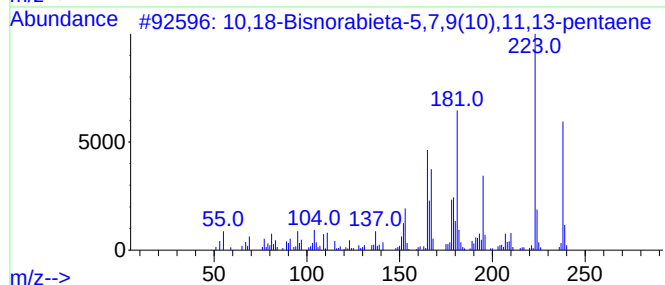
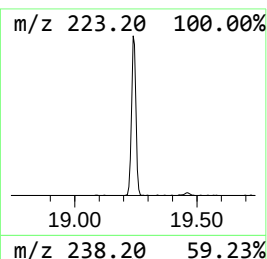
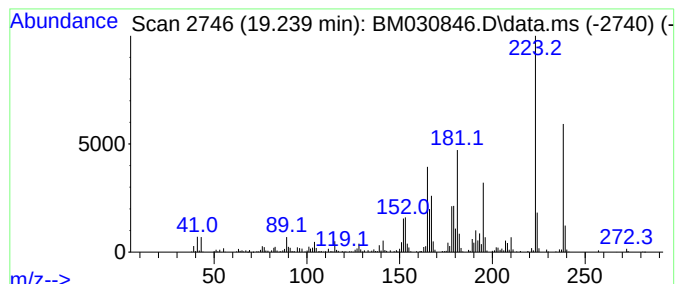
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TIC Integration Parameters: LSCINT.P

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Peak Number 5 10,18-Bisnorabieta-5,7,9(10... Concentration Rank 3

| R.T.   | EstConc     | Area   | Relative to ISTD | R.T.   |
|--------|-------------|--------|------------------|--------|
| 19.240 | 10.67 ng/ul | 674062 | Chrysene-d12     | 21.303 |

| Hit# | of                                  | 5   | Tentative ID | MW          | MolForm | CAS# | Qual |
|------|-------------------------------------|-----|--------------|-------------|---------|------|------|
| 1    | 10,18-Bisnorabieta-5,7,9(10),11,... | 238 | C18H22       | 006566-19-4 | 99      |      |      |
| 2    | 3-(N,N-Diethylamino)carbazole       | 238 | C16H18N2     | 054994-31-9 | 55      |      |      |
| 3    | 4,4'-Diisopropylbiphenyl            | 238 | C18H22       | 018970-30-4 | 50      |      |      |
| 4    | 3,4'-Diisopropylbiphenyl            | 238 | C18H22       | 061434-46-6 | 50      |      |      |
| 5    | Anthracene, 1,4-dimethoxy-          | 238 | C16H14O2     | 013076-29-4 | 45      |      |      |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM070621\  
Data File : BM030846.D  
Acq On : 07 Jul 2021 07:53  
Operator : CG/JU  
Sample : M2854-08  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
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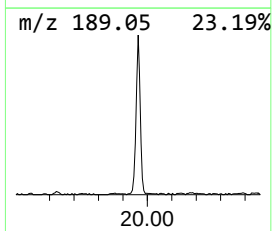
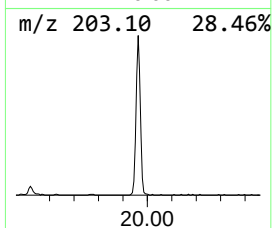
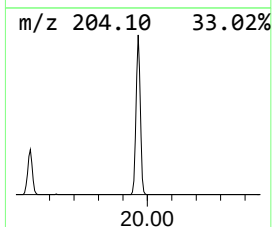
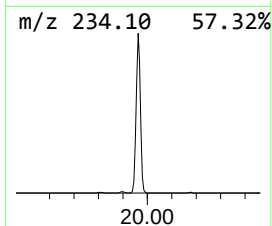
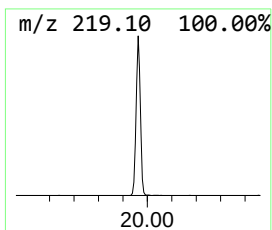
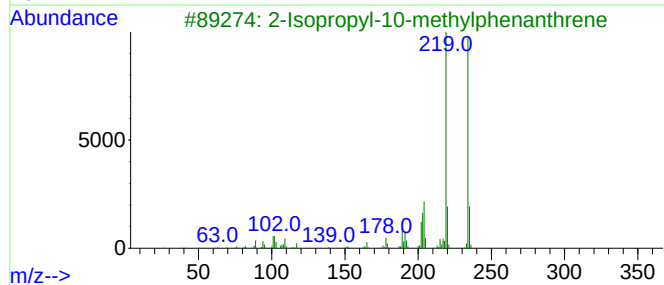
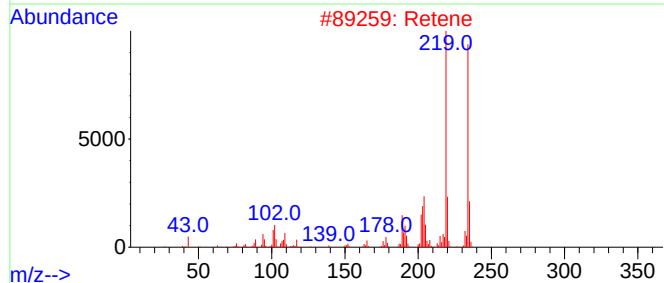
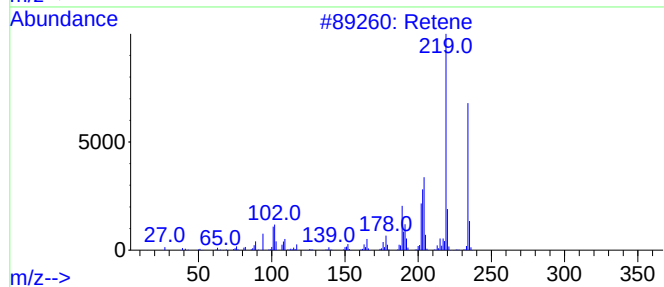
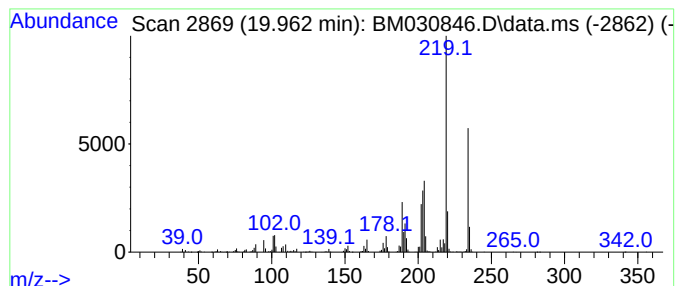
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Quant Title : SVOA CALIBRATION

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

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Peak Number 6 Retene Concentration Rank 2

| R.T.   | EstConc     | Area   | Relative to ISTD | R.T.   |
|--------|-------------|--------|------------------|--------|
| 19.960 | 12.31 ng/ul | 777732 | Chrysene-d12     | 21.303 |

| Hit# | of                                 | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|------------------------------------|---|--------------|-----|---------|-------------|------|
| 1    | Retene                             |   |              | 234 | C18H18  | 000483-65-8 | 98   |
| 2    | Retene                             |   |              | 234 | C18H18  | 000483-65-8 | 95   |
| 3    | 2-Isopropyl-10-methylphenanthrene  |   |              | 234 | C18H18  | 066552-97-4 | 95   |
| 4    | Retene                             |   |              | 234 | C18H18  | 000483-65-8 | 94   |
| 5    | Phenanthrene, 2,4,5,7-tetramethyl- |   |              | 234 | C18H18  | 007396-38-5 | 68   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM070621\  
Data File : BM030846.D  
Acq On : 07 Jul 2021 07:53  
Operator : CG/JU  
Sample : M2854-08  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
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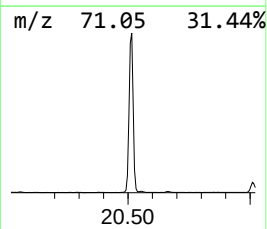
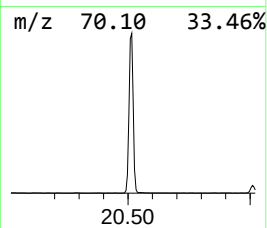
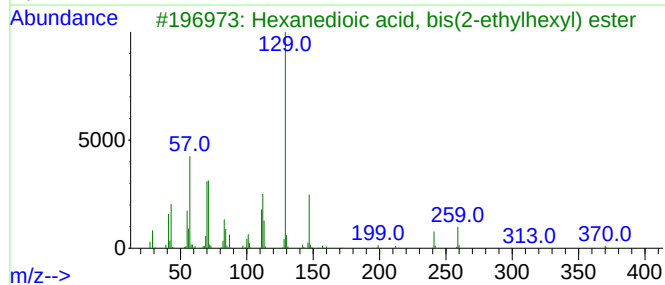
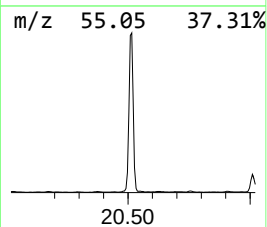
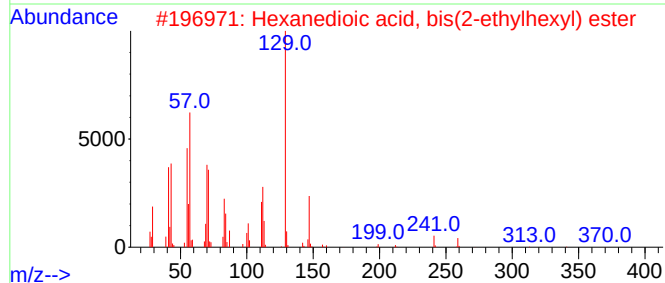
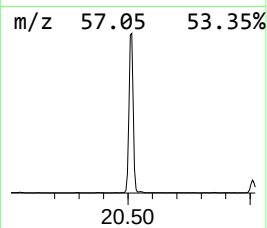
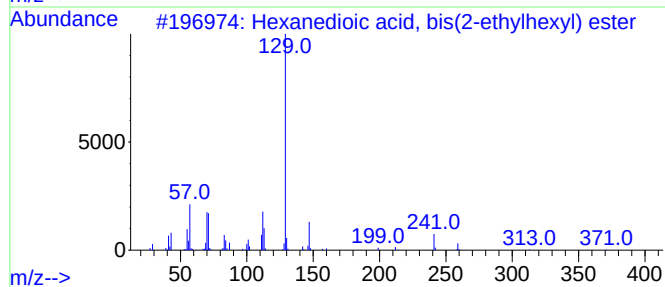
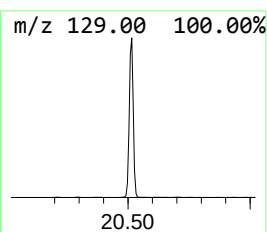
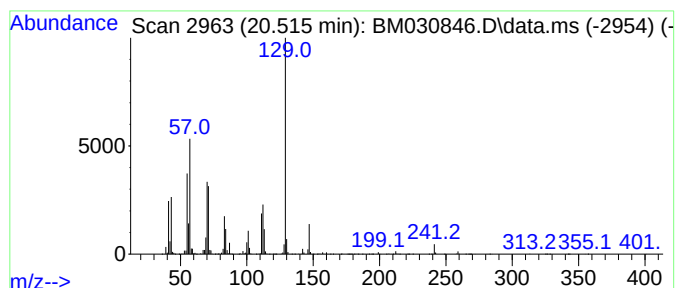
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Quant Title : SVOA CALIBRATION

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

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Peak Number 7 Hexanedioic acid, bis(2-eth... Concentration Rank 1

| R.T.      | EstConc                             | Area    | Relative to ISTD | R.T.        |      |
|-----------|-------------------------------------|---------|------------------|-------------|------|
| 20.520    | 57.17 ng/ul                         | 3612950 | Chrysene-d12     | 21.303      |      |
| Hit# of 5 | Tentative ID                        | MW      | MolForm          | CAS#        | Qual |
| 1         | Hexanedioic acid, bis(2-ethylhex... | 370     | C22H42O4         | 000103-23-1 | 91   |
| 2         | Hexanedioic acid, bis(2-ethylhex... | 370     | C22H42O4         | 000103-23-1 | 81   |
| 3         | Hexanedioic acid, bis(2-ethylhex... | 370     | C22H42O4         | 000103-23-1 | 78   |
| 4         | Hexanedioic acid, dioctyl ester     | 370     | C22H42O4         | 000123-79-5 | 70   |
| 5         | Hexanedioic acid, mono(2-ethylhe... | 258     | C14H26O4         | 004337-65-9 | 68   |



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Operator : CG/JU  
Sample : M2854-08  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
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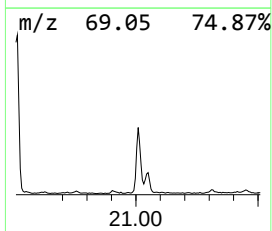
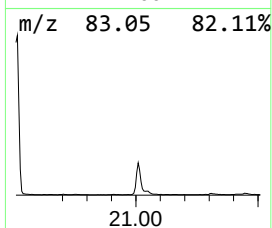
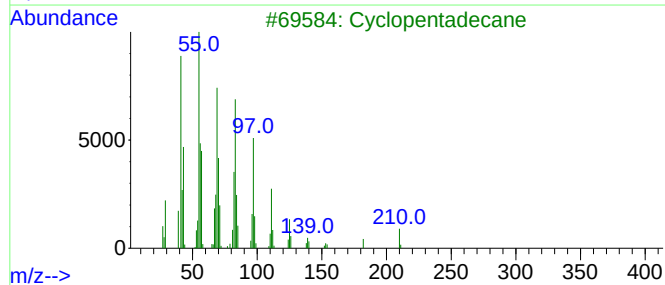
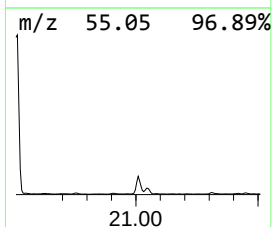
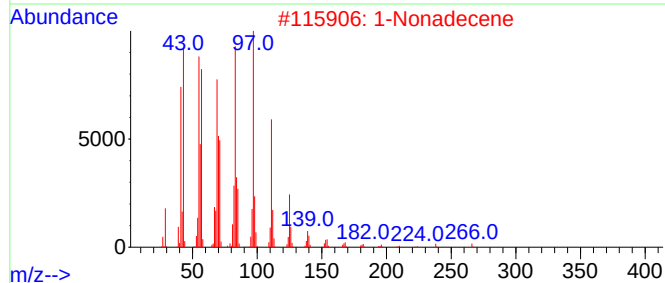
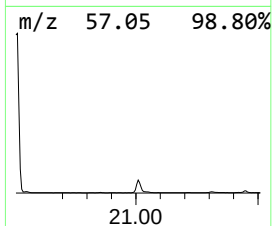
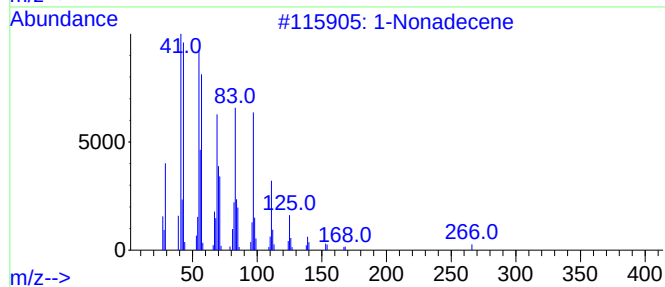
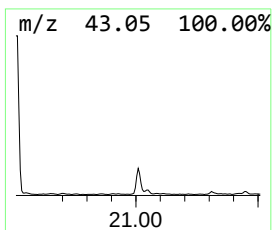
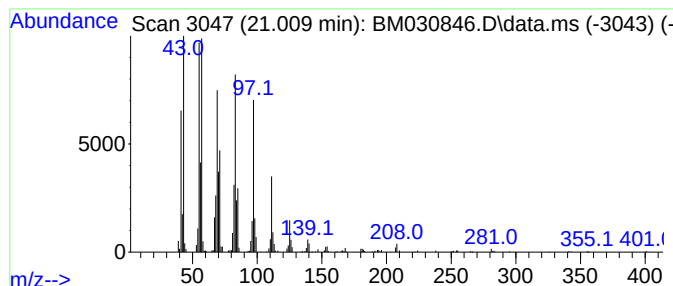
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Quant Title : SVOA CALIBRATION

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

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Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 6

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 21.010 | 4.95 ng/ul | 313142 | Chrysene-d12     | 21.303 |

| Hit# | of                                  | 5 | Tentative ID | MW  | MolForm     | CAS#        | Qual |
|------|-------------------------------------|---|--------------|-----|-------------|-------------|------|
| 1    | 1-Nonadecene                        |   |              | 266 | C19H38      | 018435-45-5 | 99   |
| 2    | 1-Nonadecene                        |   |              | 266 | C19H38      | 018435-45-5 | 98   |
| 3    | Cyclopentadecane                    |   |              | 210 | C15H30      | 000295-48-7 | 95   |
| 4    | Trichloroacetic acid, pentadecyl... |   |              | 372 | C17H31Cl3O2 | 074339-53-0 | 94   |
| 5    | Trichloroacetic acid, hexadecyl ... |   |              | 386 | C18H33Cl3O2 | 074339-54-1 | 94   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM070621\  
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Operator : CG/JU  
Sample : M2854-08  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
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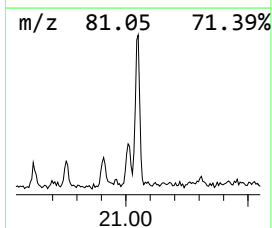
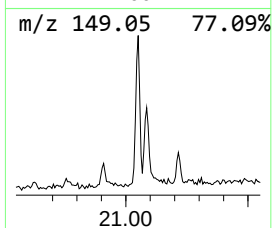
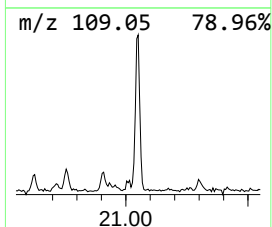
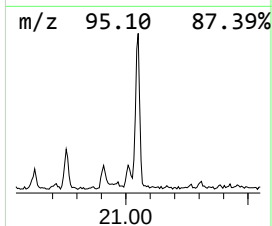
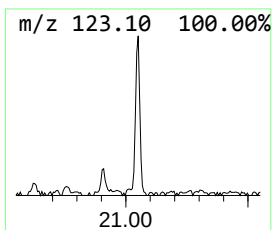
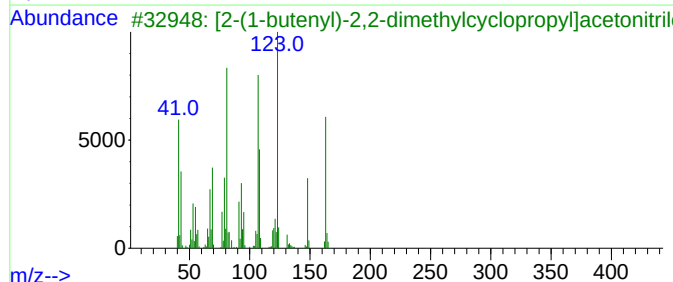
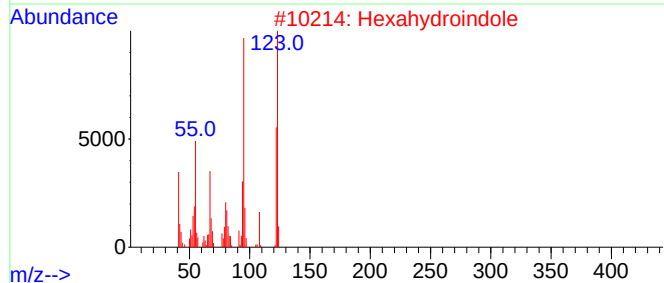
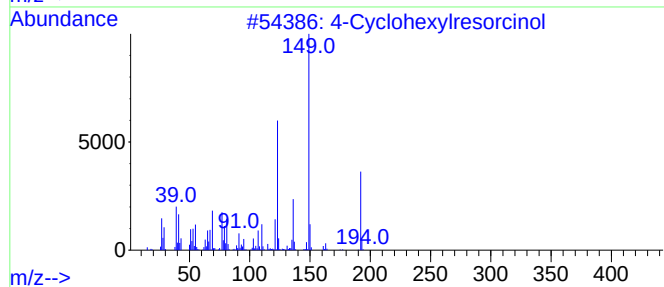
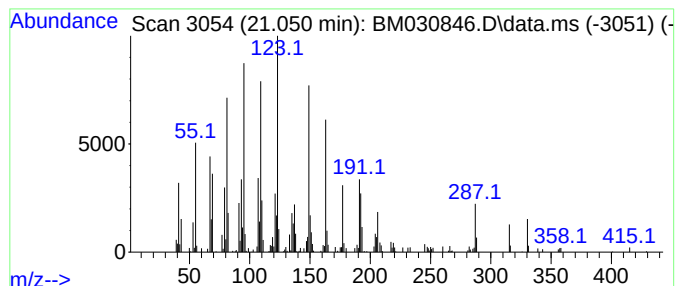
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Quant Title : SVOA CALIBRATION

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

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Peak Number 9 unknown-01 Concentration Rank 10

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 21.050 | 3.00 ng/ul | 189369 | Chrysene-d12     | 21.303 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm    | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|------------|--------------|------|
| 1    |    |   | 4-Cyclohexylresorcinol              | 192 | C12H16O2   | 002138-20-7  | 41   |
| 2    |    |   | Hexahydroindole                     | 123 | C8H13N     | 018159-32-5  | 25   |
| 3    |    |   | [2-(1-butenyl)-2,2-dimethylcyclo... | 163 | C11H17N    | 1000111-15-4 | 18   |
| 4    |    |   | 5,9-Undecadien-2-ol, 2,6,10-trim... | 210 | C14H26O    | 021980-62-1  | 18   |
| 5    |    |   | Spiro[4.4]non-3-en-2-one, 4-meth... | 220 | C10H12N4O2 | 1000316-40-4 | 15   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM070621\  
Data File : BM030846.D  
Acq On : 07 Jul 2021 07:53  
Operator : CG/JU  
Sample : M2854-08  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
BGDT0

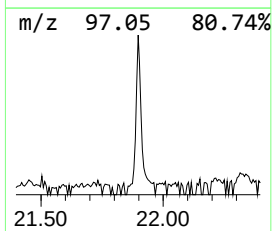
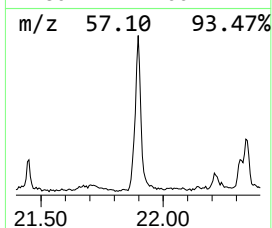
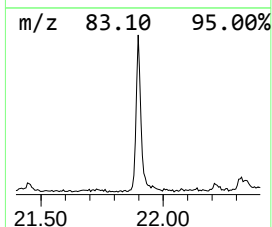
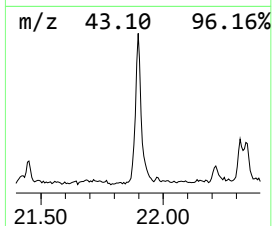
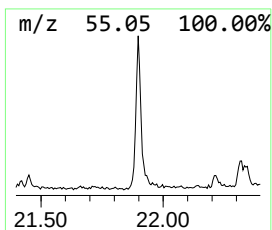
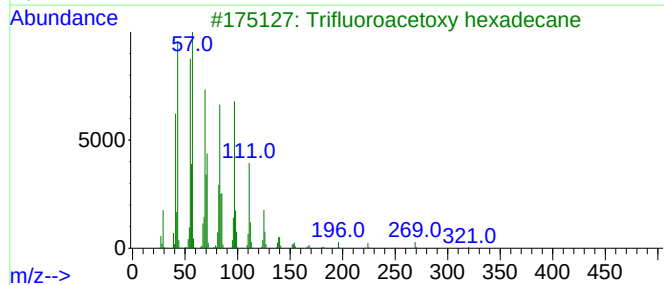
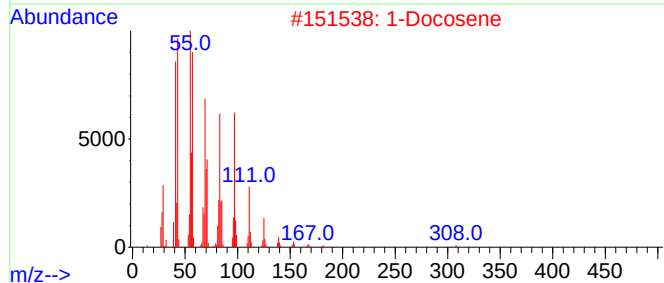
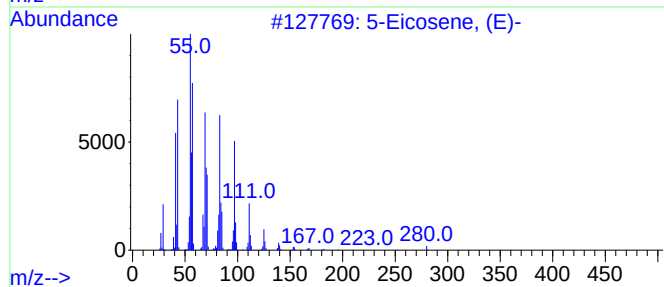
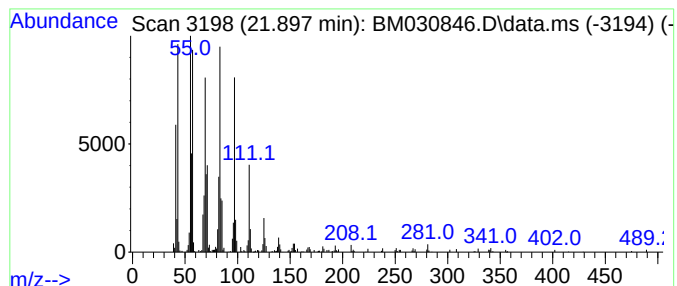
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-BM070621.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 5

| R.T.      | EstConc                     | Area   | Relative to ISTD | R.T.        |      |
|-----------|-----------------------------|--------|------------------|-------------|------|
| 21.900    | 5.13 ng/ul                  | 323913 | Chrysene-d12     | 21.303      |      |
| Hit# of 5 | Tentative ID                | MW     | MolForm          | CAS#        | Qual |
| 1         | 5-Eicosene, (E)-            | 280    | C20H40           | 074685-30-6 | 99   |
| 2         | 1-Docosene                  | 308    | C22H44           | 001599-67-3 | 95   |
| 3         | Trifluoroacetoxy hexadecane | 338    | C18H33F3O2       | 006222-03-3 | 91   |
| 4         | Behenic alcohol             | 326    | C22H46O          | 000661-19-8 | 91   |
| 5         | Cyclopentadecane            | 210    | C15H30           | 000295-48-7 | 90   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM070621\  
 Data File : BM030846.D  
 Acq On : 07 Jul 2021 07:53  
 Operator : CG/JU  
 Sample : M2854-08  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BGDT0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-BM070621.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 |
| Ethanol, 2-(2-b... | 10.330 | 7.3     | ng/ul | 323356   | 2                     | 10.545 | 889788  | 20.0 |
| n-Hexadecanoic ... | 18.020 | 4.2     | ng/ul | 285812   | 4                     | 17.133 | 1375110 | 20.0 |
| 5(4H)-Oxazolone... | 18.460 | 3.6     | ng/ul | 250190   | 4                     | 17.133 | 1375110 | 20.0 |
| 7-Isopropyl-1,1... | 18.990 | 3.0     | ng/ul | 209039   | 4                     | 17.133 | 1375110 | 20.0 |
| 10,18-Bisnorabi... | 19.240 | 10.7    | ng/ul | 674062   | 5                     | 21.303 | 1264030 | 20.0 |
| Retene             | 19.960 | 12.3    | ng/ul | 777732   | 5                     | 21.303 | 1264030 | 20.0 |
| Hexanedioic aci... | 20.520 | 57.2    | ng/ul | 3612950  | 5                     | 21.303 | 1264030 | 20.0 |
| (DEL) Alkane: S... | 21.010 | 5.0     | ng/ul | 313142   | 5                     | 21.303 | 1264030 | 20.0 |
| unknown-01         | 21.050 | 3.0     | ng/ul | 189369   | 5                     | 21.303 | 1264030 | 20.0 |
| (DEL) Alkane: S... | 21.900 | 5.1     | ng/ul | 323913   | 5                     | 21.303 | 1264030 | 20.0 |