

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG060115\  
 Data File : BG017386.D  
 Acq On : 2 Jun 2015 1:57  
 Operator : TP/IZ  
 Sample : G2430-07  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 BCRE0

## 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:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG052915.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         | 3.959       | 214           | 216         | 218          | rBV2     | 2411           | 1803          | 0.23%           | 0.018%        |
| 2         | 4.000       | 221           | 223         | 226          | rBV2     | 2067           | 2058          | 0.27%           | 0.020%        |
| 3         | 5.175       | 421           | 423         | 428          | rVB4     | 1749           | 2523          | 0.33%           | 0.025%        |
| 4         | 6.168       | 589           | 592         | 598          | rBV3     | 3017           | 5169          | 0.67%           | 0.051%        |
| 5         | 6.286       | 610           | 612         | 616          | rBV3     | 2046           | 2321          | 0.30%           | 0.023%        |
| 6         | 6.844       | 702           | 707         | 717          | rBV      | 95630          | 153883        | 20.03%          | 1.509%        |
| 7         | 6.979       | 723           | 730         | 736          | rBV      | 59322          | 92952         | 12.10%          | 0.911%        |
| 8         | 7.185       | 759           | 765         | 772          | rVV      | 94804          | 148765        | 19.36%          | 1.458%        |
| 9         | 7.408       | 799           | 803         | 807          | rVB4     | 1120           | 2152          | 0.28%           | 0.021%        |
| 10        | 7.643       | 837           | 843         | 850          | rBV2     | 121985         | 187569        | 24.41%          | 1.839%        |
| 11        | 7.919       | 888           | 890         | 894          | rVB2     | 1254           | 1767          | 0.23%           | 0.017%        |
| 12        | 8.254       | 943           | 947         | 950          | rBV2     | 1345           | 2060          | 0.27%           | 0.020%        |
| 13        | 8.377       | 962           | 968         | 976          | rBV2     | 104629         | 176815        | 23.01%          | 1.733%        |
| 14        | 8.806       | 1035          | 1041        | 1047         | rBV      | 87259          | 143193        | 18.63%          | 1.404%        |
| 15        | 9.218       | 1107          | 1111        | 1115         | rBV4     | 2272           | 3900          | 0.51%           | 0.038%        |
| 16        | 9.523       | 1156          | 1163        | 1172         | rVB      | 84537          | 143404        | 18.66%          | 1.406%        |
| 17        | 10.075      | 1251          | 1257        | 1267         | rBV2     | 118416         | 199548        | 25.97%          | 1.956%        |
| 18        | 10.222      | 1275          | 1282        | 1285         | rBV3     | 4265           | 7131          | 0.93%           | 0.070%        |
| 19        | 10.434      | 1312          | 1318        | 1325         | rBV      | 173532         | 288164        | 37.50%          | 2.825%        |
| 20        | 10.581      | 1337          | 1343        | 1352         | rBV2     | 43325          | 87247         | 11.35%          | 0.855%        |
| 21        | 11.867      | 1558          | 1562        | 1565         | rBV2     | 1288           | 1826          | 0.24%           | 0.018%        |
| 22        | 12.649      | 1690          | 1695        | 1699         | rVB2     | 5452           | 7810          | 1.02%           | 0.077%        |
| 23        | 12.907      | 1732          | 1739        | 1744         | rBV2     | 8067           | 12898         | 1.68%           | 0.126%        |
| 24        | 13.131      | 1774          | 1777        | 1780         | rVB2     | 1257           | 1660          | 0.22%           | 0.016%        |
| 25        | 13.718      | 1872          | 1877        | 1881         | rBV      | 188016         | 260973        | 33.96%          | 2.559%        |
| 26        | 13.765      | 1881          | 1885        | 1892         | rVB      | 53270          | 73825         | 9.61%           | 0.724%        |
| 27        | 13.842      | 1892          | 1898        | 1901         | rBV3     | 1538           | 2901          | 0.38%           | 0.028%        |
| 28        | 13.994      | 1918          | 1924        | 1931         | rBV      | 231026         | 325282        | 42.33%          | 3.189%        |
| 29        | 14.200      | 1957          | 1959        | 1963         | rBV2     | 3043           | 3930          | 0.51%           | 0.039%        |
| 30        | 14.306      | 1971          | 1977        | 1984         | rBV2     | 272781         | 411541        | 53.56%          | 4.035%        |
| 31        | 14.558      | 2015          | 2020        | 2029         | rBV2     | 68246          | 117292        | 15.26%          | 1.150%        |
| 32        | 15.164      | 2120          | 2123        | 2127         | rVB3     | 5376           | 7007          | 0.91%           | 0.069%        |
| 33        | 15.228      | 2132          | 2134        | 2137         | rVB2     | 1808           | 1721          | 0.22%           | 0.017%        |
| 34        | 15.299      | 2140          | 2146        | 2155         | rVV      | 287489         | 393563        | 51.22%          | 3.858%        |

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 Start Thrs: 0.2  
 Stop Thrs : 0

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 Min Area: 0.1 % of largest Peak  
 Max Peaks: 100  
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If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
 Peak separation: 5

Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG052915.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 35 | 15.428 | 2163 | 2168 | 2174 | rBV  | 93876  | 123084 | 16.02% | 1.207% |
| 36 | 15.551 | 2185 | 2189 | 2191 | rBV2 | 1568   | 2101   | 0.27%  | 0.021% |
| 37 | 15.616 | 2197 | 2200 | 2202 | rBV2 | 1587   | 1674   | 0.22%  | 0.016% |
| 38 | 15.792 | 2228 | 2230 | 2235 | rVB  | 2181   | 2192   | 0.29%  | 0.021% |
| 39 | 15.886 | 2241 | 2246 | 2247 | rVB2 | 1540   | 1809   | 0.24%  | 0.018% |
| 40 | 16.021 | 2266 | 2269 | 2273 | rBV2 | 9368   | 14520  | 1.89%  | 0.142% |
| 41 | 16.203 | 2296 | 2300 | 2302 | rVB3 | 2144   | 3189   | 0.41%  | 0.031% |
| 42 | 16.356 | 2324 | 2326 | 2331 | rBV3 | 2230   | 3291   | 0.43%  | 0.032% |
| 43 | 16.421 | 2335 | 2337 | 2343 | rVB4 | 2158   | 2898   | 0.38%  | 0.028% |
| 44 | 16.480 | 2343 | 2347 | 2348 | rBV3 | 3012   | 3776   | 0.49%  | 0.037% |
| 45 | 16.615 | 2369 | 2370 | 2373 | rVV3 | 1757   | 1781   | 0.23%  | 0.017% |
| 46 | 16.709 | 2383 | 2386 | 2389 | rBV3 | 2419   | 3456   | 0.45%  | 0.034% |
| 47 | 16.767 | 2394 | 2396 | 2399 | rVV2 | 1863   | 1972   | 0.26%  | 0.019% |
| 48 | 16.797 | 2399 | 2401 | 2402 | rVV  | 2314   | 2082   | 0.27%  | 0.020% |
| 49 | 16.815 | 2402 | 2404 | 2411 | rVV4 | 11606  | 16734  | 2.18%  | 0.164% |
| 50 | 16.873 | 2411 | 2414 | 2417 | rVB4 | 4494   | 6260   | 0.81%  | 0.061% |
| 51 | 16.914 | 2417 | 2421 | 2422 | rBV3 | 2429   | 2013   | 0.26%  | 0.020% |
| 52 | 16.967 | 2425 | 2430 | 2433 | rVV5 | 2932   | 4345   | 0.57%  | 0.043% |
| 53 | 17.055 | 2439 | 2445 | 2449 | rVV  | 334434 | 485133 | 63.13% | 4.756% |
| 54 | 17.097 | 2449 | 2452 | 2456 | rVV2 | 30074  | 39294  | 5.11%  | 0.385% |
| 55 | 17.149 | 2456 | 2461 | 2471 | rVV2 | 305997 | 425426 | 55.36% | 4.171% |
| 56 | 17.232 | 2473 | 2475 | 2478 | rVV4 | 3796   | 3972   | 0.52%  | 0.039% |
| 57 | 17.296 | 2485 | 2486 | 2488 | rVB  | 2918   | 1659   | 0.22%  | 0.016% |
| 58 | 17.437 | 2502 | 2510 | 2511 | rBV4 | 4174   | 5659   | 0.74%  | 0.055% |
| 59 | 17.555 | 2526 | 2530 | 2533 | rBV4 | 5968   | 8664   | 1.13%  | 0.085% |
| 60 | 17.608 | 2537 | 2539 | 2540 | rVB2 | 2729   | 1808   | 0.24%  | 0.018% |
| 61 | 17.625 | 2540 | 2542 | 2543 | rBV2 | 2178   | 2050   | 0.27%  | 0.020% |
| 62 | 17.731 | 2555 | 2560 | 2562 | rVB2 | 2600   | 3570   | 0.46%  | 0.035% |
| 63 | 17.843 | 2576 | 2579 | 2581 | rBV2 | 2746   | 3093   | 0.40%  | 0.030% |
| 64 | 17.896 | 2587 | 2588 | 2590 | rBV2 | 2201   | 1826   | 0.24%  | 0.018% |
| 65 | 17.931 | 2590 | 2594 | 2595 | rVV3 | 6741   | 8498   | 1.11%  | 0.083% |
| 66 | 17.960 | 2595 | 2599 | 2608 | rVV3 | 61070  | 97831  | 12.73% | 0.959% |
| 67 | 18.025 | 2608 | 2610 | 2612 | rVB3 | 3443   | 2769   | 0.36%  | 0.027% |
| 68 | 18.125 | 2622 | 2627 | 2631 | rBV4 | 12132  | 19102  | 2.49%  | 0.187% |
| 69 | 18.160 | 2631 | 2633 | 2637 | rVB4 | 5827   | 7008   | 0.91%  | 0.069% |
| 70 | 18.254 | 2644 | 2649 | 2651 | rBV3 | 6259   | 8906   | 1.16%  | 0.087% |
| 71 | 18.330 | 2660 | 2662 | 2665 | rVB3 | 3045   | 2354   | 0.31%  | 0.023% |

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Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG052915.M  
 Title : SVOA CALIBRATION

|     |        |      |      |      |      |        |        |         |        |
|-----|--------|------|------|------|------|--------|--------|---------|--------|
| 72  | 18.436 | 2677 | 2680 | 2684 | rBV4 | 5973   | 7455   | 0.97%   | 0.073% |
| 73  | 18.477 | 2684 | 2687 | 2691 | rVB4 | 4803   | 6194   | 0.81%   | 0.061% |
| 74  | 18.683 | 2719 | 2722 | 2723 | rBV3 | 2806   | 2512   | 0.33%   | 0.025% |
| 75  | 18.730 | 2728 | 2730 | 2732 | rBV3 | 4370   | 3885   | 0.51%   | 0.038% |
| 76  | 18.859 | 2748 | 2752 | 2753 | rVV3 | 7082   | 6412   | 0.83%   | 0.063% |
| 77  | 18.889 | 2755 | 2757 | 2764 | rVB4 | 6799   | 10659  | 1.39%   | 0.104% |
| 78  | 19.118 | 2791 | 2796 | 2803 | rBV  | 90346  | 127820 | 16.63%  | 1.253% |
| 79  | 19.241 | 2814 | 2817 | 2826 | rVB5 | 15459  | 21157  | 2.75%   | 0.207% |
| 80  | 19.453 | 2847 | 2853 | 2857 | rBV  | 347247 | 522809 | 68.04%  | 5.126% |
| 81  | 19.552 | 2868 | 2870 | 2876 | rVB5 | 6759   | 9977   | 1.30%   | 0.098% |
| 82  | 19.817 | 2910 | 2915 | 2921 | rVB7 | 8228   | 16409  | 2.14%   | 0.161% |
| 83  | 19.940 | 2933 | 2936 | 2938 | rBV4 | 5887   | 7569   | 0.98%   | 0.074% |
| 84  | 19.976 | 2938 | 2942 | 2945 | rBV2 | 33400  | 46759  | 6.08%   | 0.458% |
| 85  | 20.134 | 2966 | 2969 | 2973 | rVB3 | 14571  | 18290  | 2.38%   | 0.179% |
| 86  | 20.328 | 2999 | 3002 | 3005 | rBV4 | 9712   | 13047  | 1.70%   | 0.128% |
| 87  | 20.475 | 3025 | 3027 | 3029 | rBV2 | 8070   | 9229   | 1.20%   | 0.090% |
| 88  | 20.669 | 3058 | 3060 | 3064 | rBV4 | 9002   | 11875  | 1.55%   | 0.116% |
| 89  | 20.957 | 3105 | 3109 | 3117 | rVB2 | 219924 | 276255 | 35.95%  | 2.708% |
| 90  | 21.162 | 3140 | 3144 | 3151 | rVB  | 229370 | 265552 | 34.56%  | 2.603% |
| 91  | 21.245 | 3151 | 3158 | 3162 | rBV  | 419824 | 604356 | 78.65%  | 5.925% |
| 92  | 21.397 | 3181 | 3184 | 3189 | rBV6 | 28636  | 42405  | 5.52%   | 0.416% |
| 93  | 21.844 | 3254 | 3260 | 3267 | rBV4 | 157491 | 277311 | 36.09%  | 2.719% |
| 94  | 22.520 | 3370 | 3375 | 3383 | rVB  | 255146 | 340609 | 44.32%  | 3.339% |
| 95  | 22.796 | 3417 | 3422 | 3426 | rBV2 | 194761 | 329039 | 42.82%  | 3.226% |
| 96  | 22.843 | 3426 | 3430 | 3441 | rVB  | 478514 | 768437 | 100.00% | 7.534% |
| 97  | 23.342 | 3509 | 3515 | 3521 | rBV2 | 205331 | 402780 | 52.42%  | 3.949% |
| 98  | 23.489 | 3533 | 3540 | 3546 | rBV  | 245956 | 469766 | 61.13%  | 4.605% |
| 99  | 24.018 | 3624 | 3630 | 3638 | rVB  | 307423 | 651313 | 84.76%  | 6.385% |
| 100 | 25.651 | 3903 | 3908 | 3921 | rBV3 | 106023 | 329783 | 42.92%  | 3.233% |

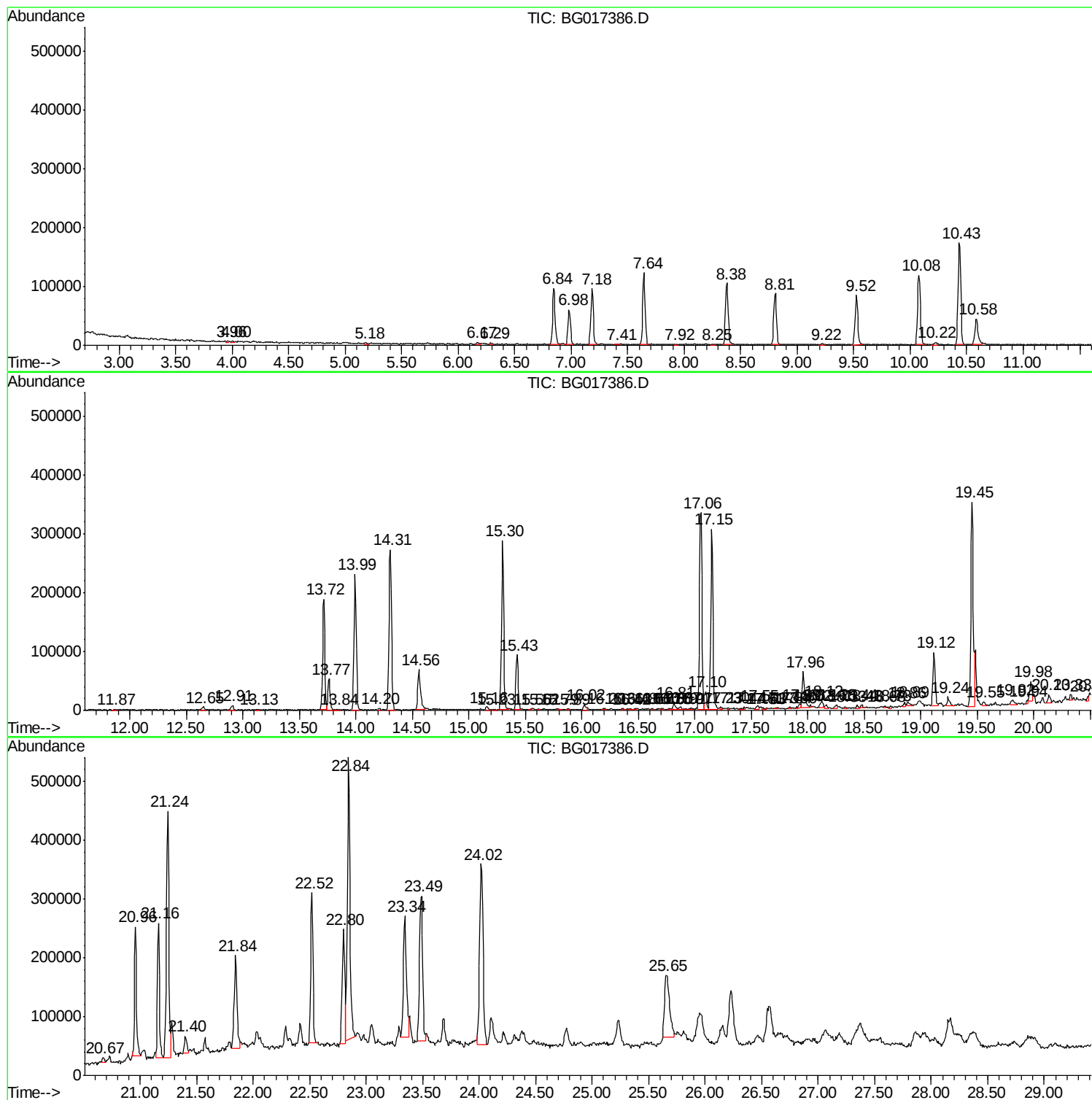
Sum of corrected areas: 10200116

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Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG052915.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P



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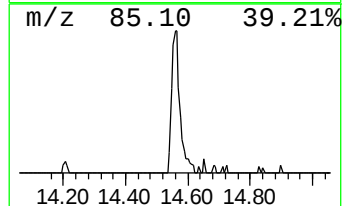
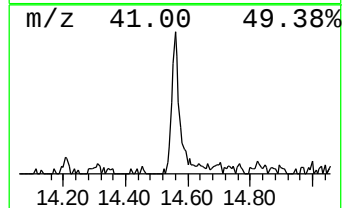
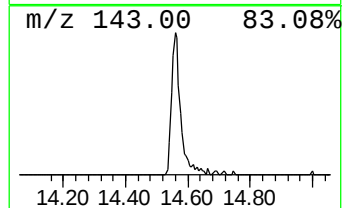
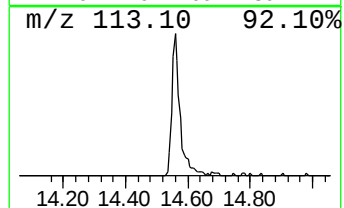
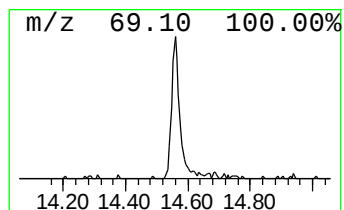
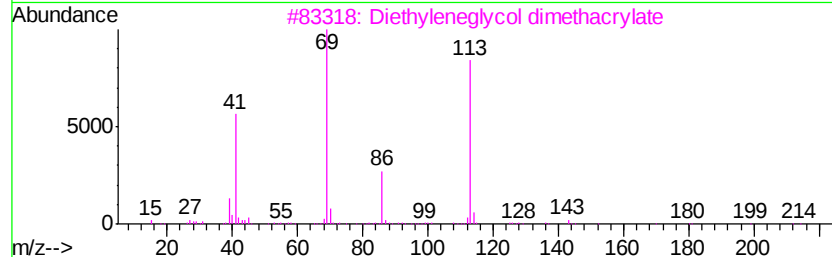
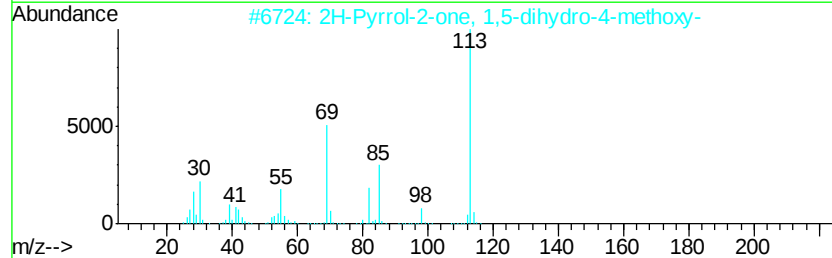
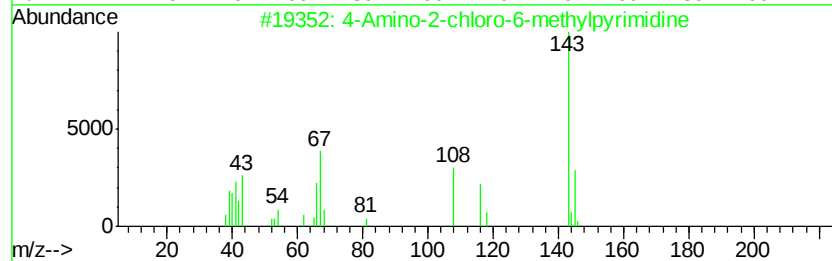
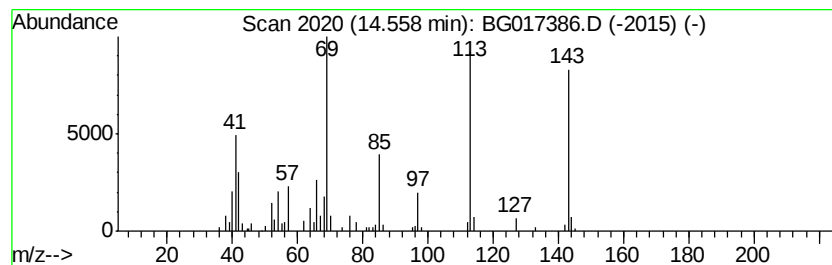
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Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG052915.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 unknown-01 Concentration Rank 6

| R.T.    | EstConc                             | Area          | Relative to ISTD | R.T.      |
|---------|-------------------------------------|---------------|------------------|-----------|
| 14.56   | 5.70 ng/ul                          | 117292        | Acenaphthene-d10 | 14.31     |
| Hit# of | 5                                   | Tentative ID  | MW MolForm       | CAS# Qual |
| 1       | 4-Amino-2-chloro-6-methylpyrimidine | 143 C5H6ClN3  | 014394-60-6      | 27        |
| 2       | 2H-Pyrrol-2-one, 1,5-dihydro-4-m... | 113 C5H7NO2   | 069778-83-2      | 18        |
| 3       | Diethyleneglycol dimethacrylate     | 242 C12H18O5  | 002358-84-1      | 16        |
| 4       | 2-Propenoic acid, 2-methyl-, 1,2... | 286 C14H22O6  | 000109-16-0      | 16        |
| 5       | 5-Oxohexanethioic acid, S-t-buty... | 202 C10H18O2S | 1000194-60-8     | 14        |



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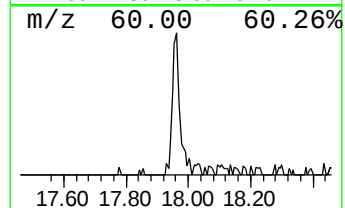
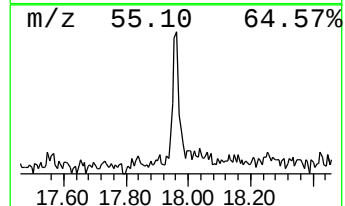
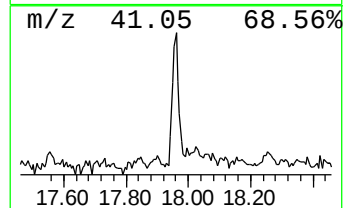
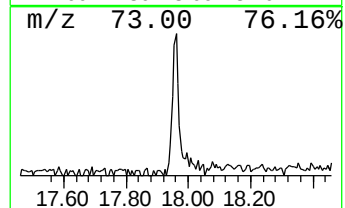
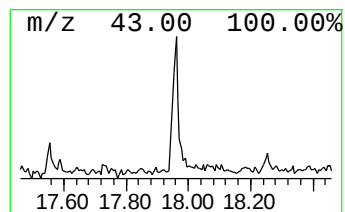
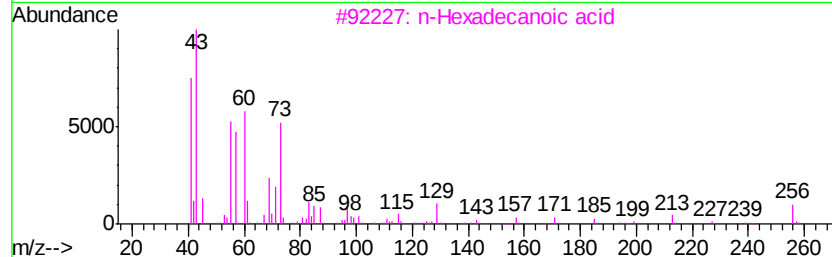
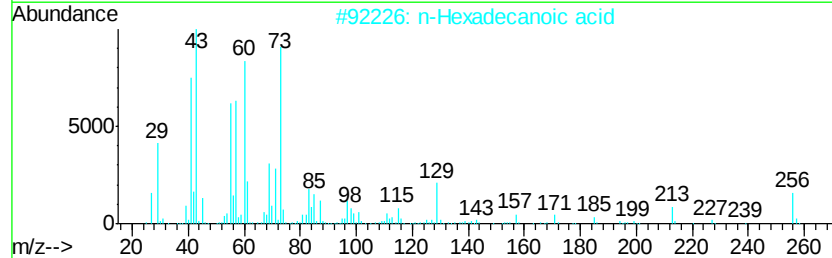
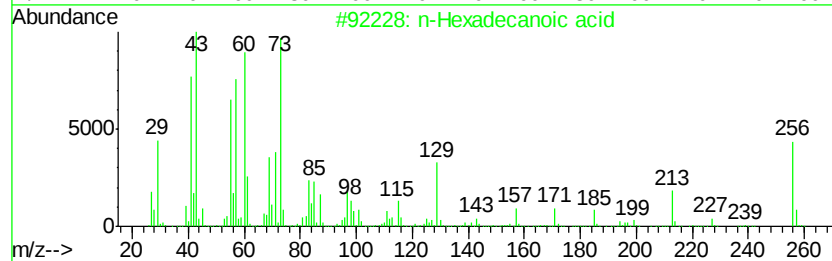
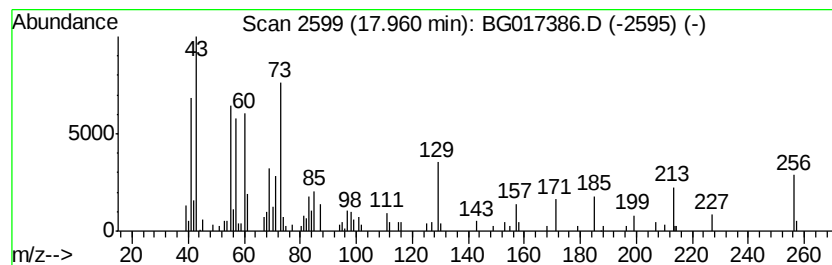
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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

| R.T.  | EstConc    | Area  | Relative to ISTD | R.T.  |
|-------|------------|-------|------------------|-------|
| 17.96 | 4.03 ng/ul | 97831 | Phenanthrene-d10 | 17.06 |

| Hit# of | 5                   | Tentative ID | MW       | MolForm     | CAS# | Qual |
|---------|---------------------|--------------|----------|-------------|------|------|
| 1       | n-Hexadecanoic acid | 256          | C16H32O2 | 000057-10-3 | 96   |      |
| 2       | n-Hexadecanoic acid | 256          | C16H32O2 | 000057-10-3 | 89   |      |
| 3       | n-Hexadecanoic acid | 256          | C16H32O2 | 000057-10-3 | 78   |      |
| 4       | Tetradecanoic acid  | 228          | C14H28O2 | 000544-63-8 | 62   |      |
| 5       | Tridecanoic acid    | 214          | C13H26O2 | 000638-53-9 | 60   |      |



Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG060115\  
Data File : BG017386.D  
Acq On : 2 Jun 2015 1:57  
Operator : TP/IZ  
Sample : G2430-07  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
BCRE0

Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG052915.M  
Quant Title : SVOA CALIBRATION

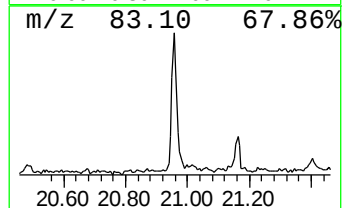
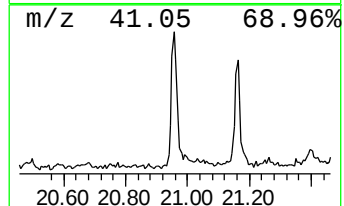
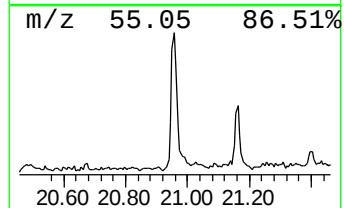
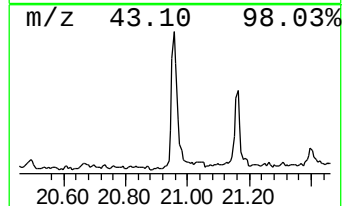
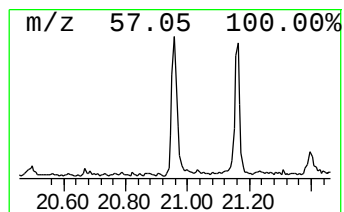
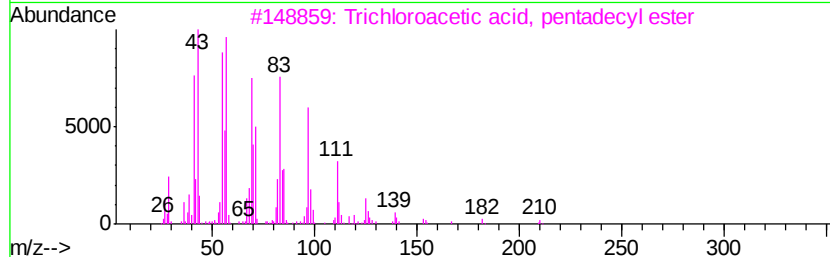
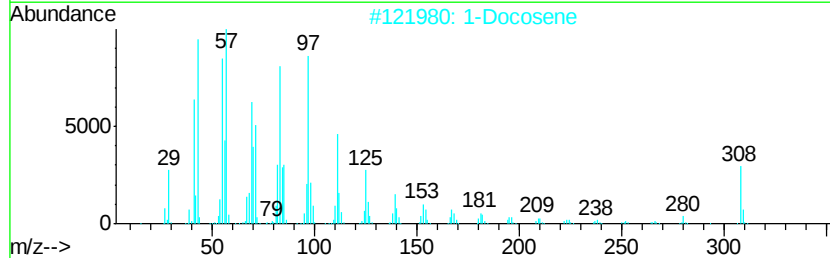
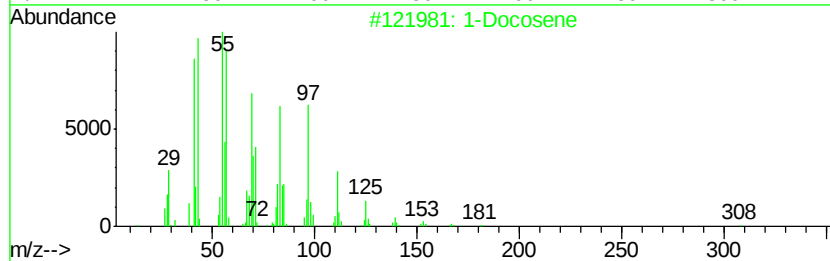
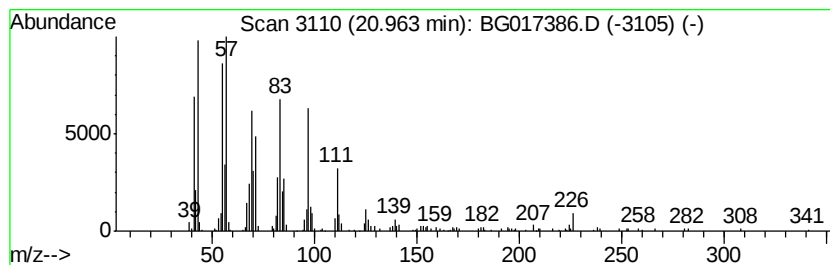
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 3 (DEL) Alkane: Cyclic-01 Concentration Rank 5

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 20.96 | 9.14 ng/ul | 276255 | Chrysene-d12     | 21.24 |

| Hit# | of | Tentative ID                        | MW  | MolForm     | CAS#        | Qual |
|------|----|-------------------------------------|-----|-------------|-------------|------|
| 1    | 5  | 1-Docosene                          | 308 | C22H44      | 001599-67-3 | 99   |
| 2    |    | 1-Docosene                          | 308 | C22H44      | 001599-67-3 | 95   |
| 3    |    | Trichloroacetic acid, pentadecyl... | 372 | C17H31Cl3O2 | 074339-53-0 | 95   |
| 4    |    | Trichloroacetic acid, hexadecyl ... | 386 | C18H33Cl3O2 | 074339-54-1 | 95   |
| 5    |    | Cyclotetracosane                    | 336 | C24H48      | 000297-03-0 | 94   |



Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG060115\  
Data File : BG017386.D  
Acq On : 2 Jun 2015 1:57  
Operator : TP/IZ  
Sample : G2430-07  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
BCRE0

Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG052915.M  
Quant Title : SVOA CALIBRATION

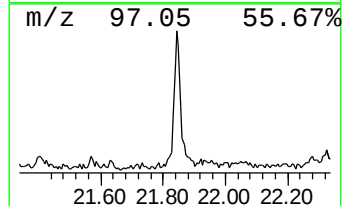
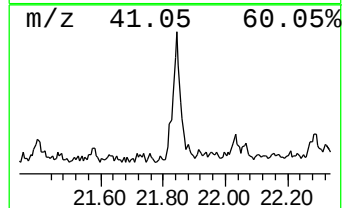
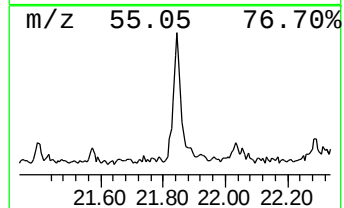
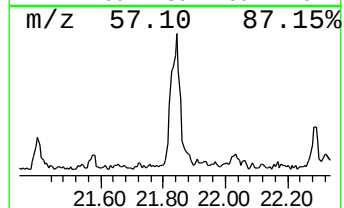
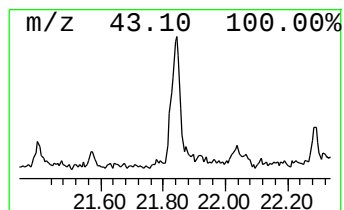
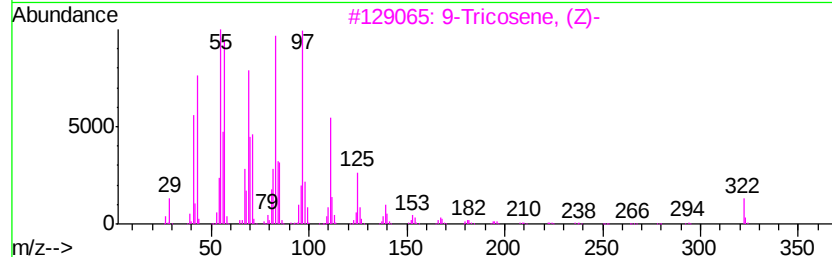
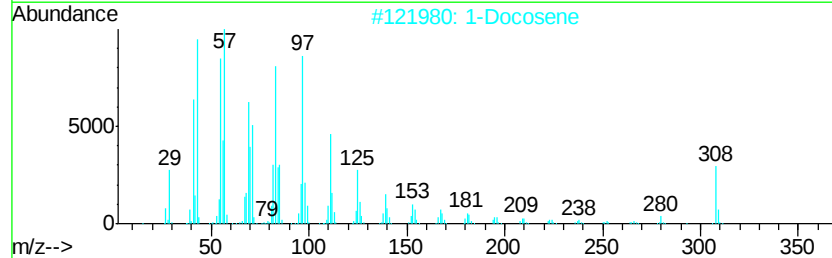
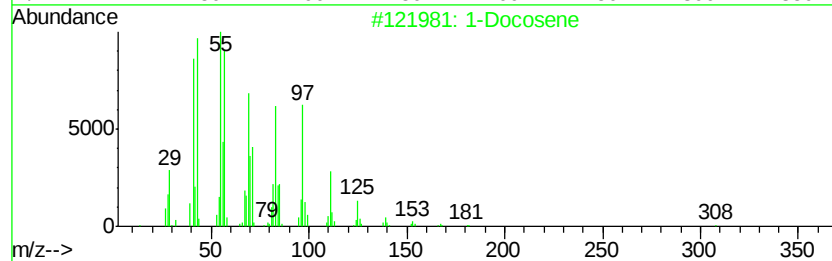
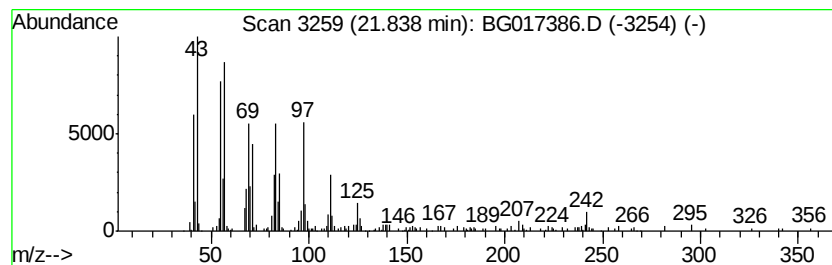
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 4 (DEL) Alkane: Cyclic-02 Concentration Rank 4

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 21.84 | 9.18 ng/ul | 277311 | Chrysene-d12     | 21.24 |

| Hit# | of                | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|-------------------|---|--------------|-----|---------|-------------|------|
| 1    | 1-Docosene        |   |              | 308 | C22H44  | 001599-67-3 | 99   |
| 2    | 1-Docosene        |   |              | 308 | C22H44  | 001599-67-3 | 98   |
| 3    | 9-Tricosene, (Z)- |   |              | 322 | C23H46  | 027519-02-4 | 95   |
| 4    | 9-Tricosene, (Z)- |   |              | 322 | C23H46  | 027519-02-4 | 93   |
| 5    | 9-Nonadecene      |   |              | 266 | C19H38  | 031035-07-1 | 93   |



Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG060115\  
Data File : BG017386.D  
Acq On : 2 Jun 2015 1:57  
Operator : TP/IZ  
Sample : G2430-07  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

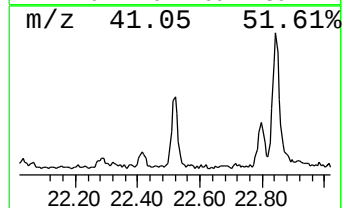
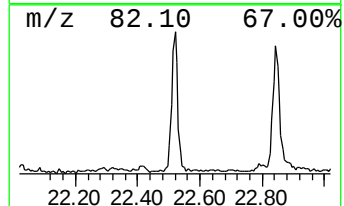
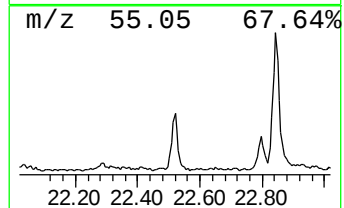
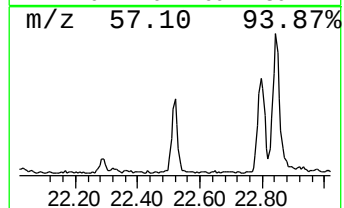
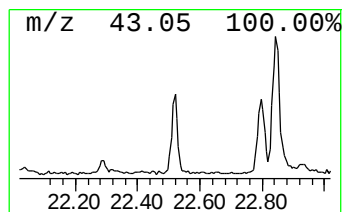
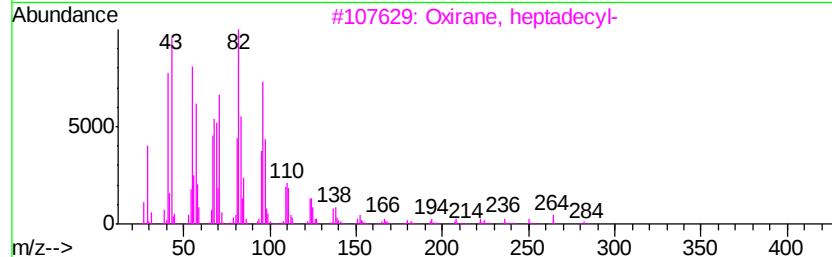
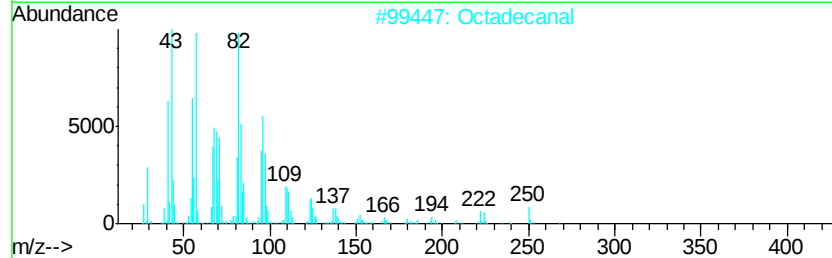
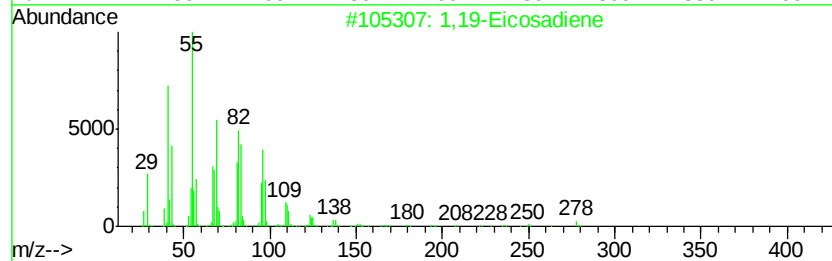
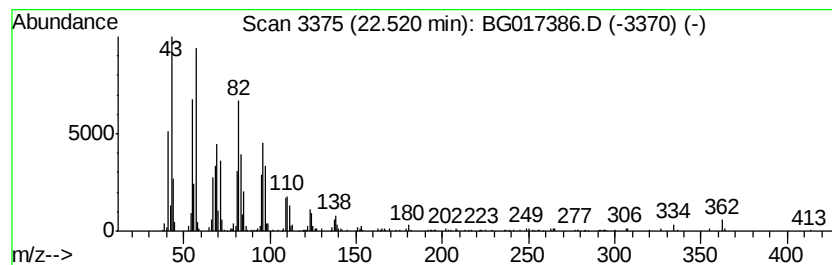
Instrument :  
BNA\_G  
ClientSampleId :  
BCRE0

Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG052915.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 5 1,19-Eicosadiene Concentration Rank 2

| R.T.      | EstConc              | Area   | Relative to ISTD | R.T.        |      |
|-----------|----------------------|--------|------------------|-------------|------|
| 22.52     | 14.50 ng/ul          | 340609 | Perylene-d12     | 23.49       |      |
| Hit# of 5 | Tentative ID         | MW     | MolForm          | CAS#        | Qual |
| 1         | 1,19-Eicosadiene     | 278    | C20H38           | 014811-95-1 | 91   |
| 2         | Octadecanal          | 268    | C18H36O          | 000638-66-4 | 91   |
| 3         | Oxirane, heptadecyl- | 282    | C19H38O          | 067860-04-2 | 91   |
| 4         | Octadecanal          | 268    | C18H36O          | 000638-66-4 | 91   |
| 5         | 1,19-Eicosadiene     | 278    | C20H38           | 014811-95-1 | 90   |



Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG060115\  
Data File : BG017386.D  
Acq On : 2 Jun 2015 1:57  
Operator : TP/IZ  
Sample : G2430-07  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
BCRE0

Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG052915.M  
Quant Title : SVOA CALIBRATION

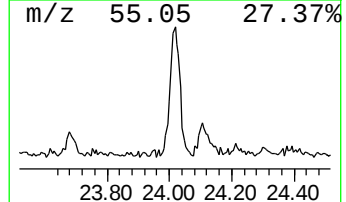
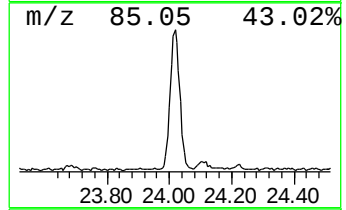
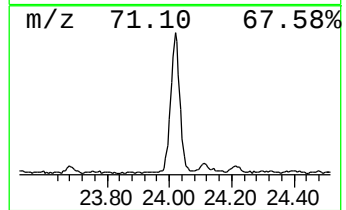
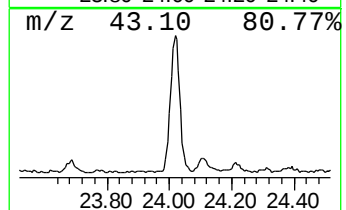
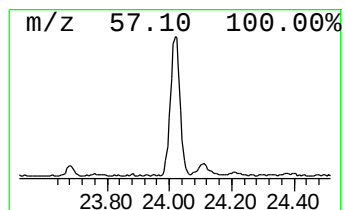
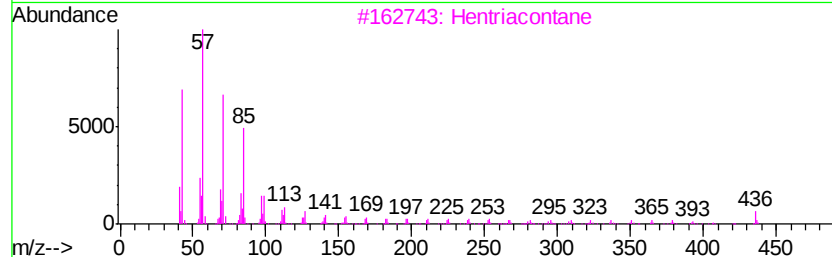
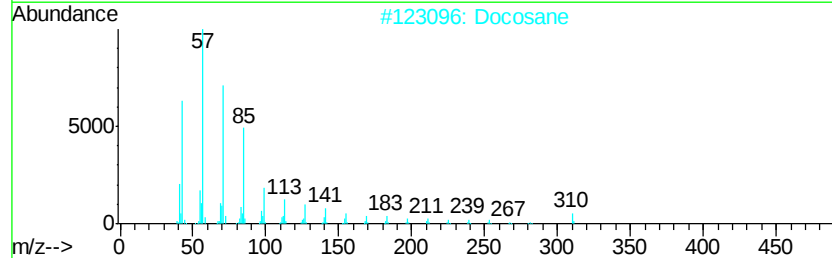
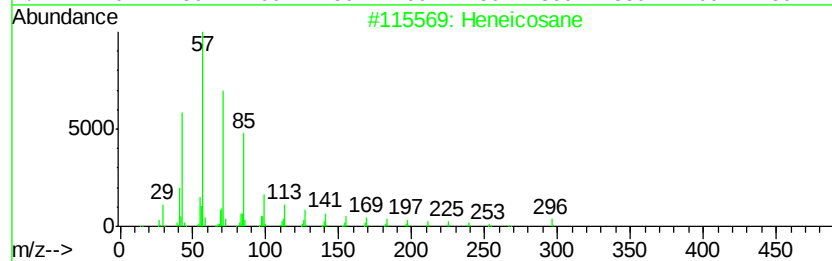
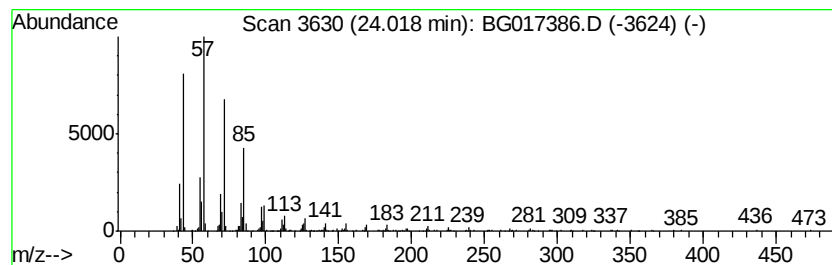
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 1

| R.T.  | EstConc     | Area   | Relative to ISTD | R.T.  |
|-------|-------------|--------|------------------|-------|
| 24.02 | 27.73 ng/ul | 651313 | Perylene-d12     | 23.49 |

| Hit# | of | Tentative ID      | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------|-----|---------|-------------|------|
| 1    | 5  | Heneicosane       | 296 | C21H44  | 000629-94-7 | 96   |
| 2    |    | Docosane          | 310 | C22H46  | 000629-97-0 | 95   |
| 3    |    | Hentriacontane    | 437 | C31H64  | 000630-04-6 | 94   |
| 4    |    | Tetratetracontane | 619 | C44H90  | 007098-22-8 | 93   |
| 5    |    | Heptadecane       | 240 | C17H36  | 000629-78-7 | 93   |



Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG060115\  
Data File : BG017386.D  
Acq On : 2 Jun 2015 1:57  
Operator : TP/IZ  
Sample : G2430-07  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
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Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG052915.M  
Quant Title : SVOA CALIBRATION

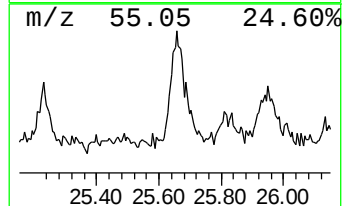
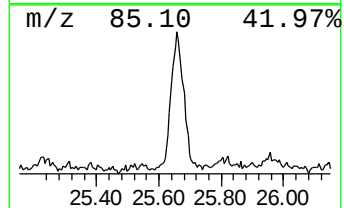
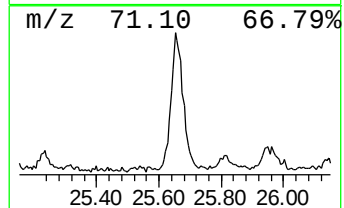
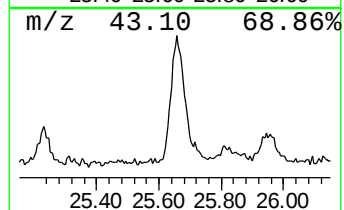
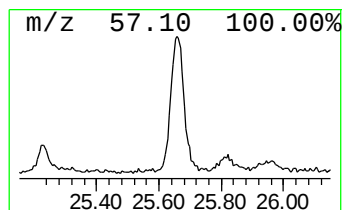
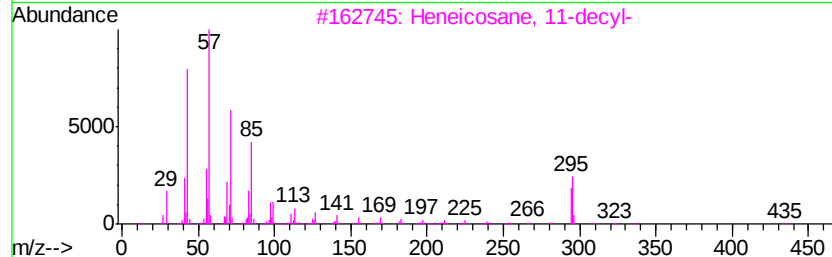
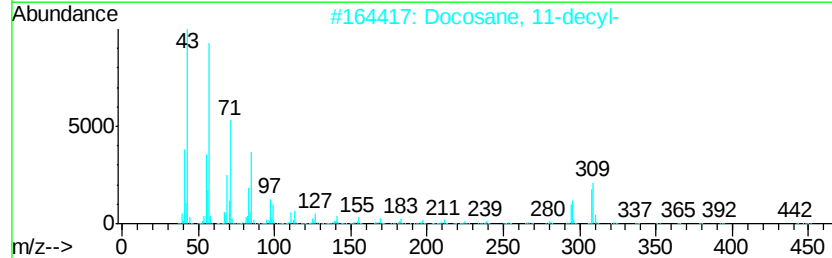
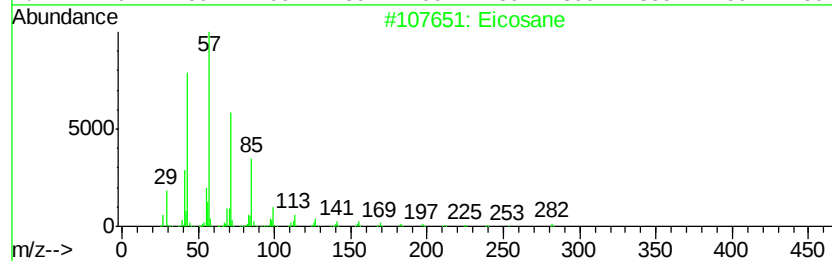
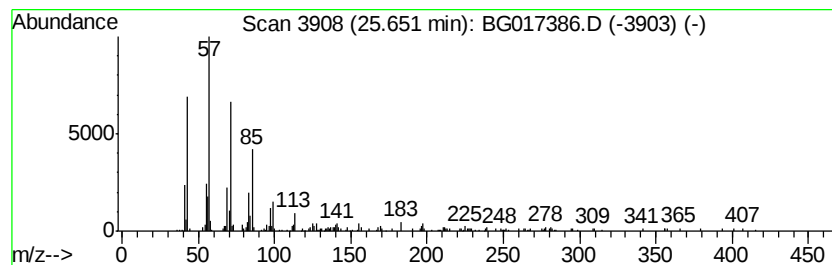
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 3

| R.T.  | EstConc     | Area   | Relative to ISTD | R.T.  |
|-------|-------------|--------|------------------|-------|
| 25.65 | 14.04 ng/ul | 329783 | Perylene-d12     | 23.49 |

| Hit# | of | Tentative ID           | MW  | MolForm | CAS#        | Qual |
|------|----|------------------------|-----|---------|-------------|------|
| 1    | 5  | Eicosane               | 282 | C20H42  | 000112-95-8 | 93   |
| 2    |    | Docosane, 11-decyl-    | 451 | C32H66  | 055401-55-3 | 90   |
| 3    |    | Heneicosane, 11-decyl- | 437 | C31H64  | 055320-06-4 | 90   |
| 4    |    | Tetratetracontane      | 619 | C44H90  | 007098-22-8 | 80   |
| 5    |    | Pentadecane            | 212 | C15H32  | 000629-62-9 | 76   |



Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG060115\  
Data File : BG017386.D  
Acq On : 2 Jun 2015 1:57  
Operator : TP/IZ  
Sample : G2430-07  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
BCRE0

Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG052915.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                      |       |         |       |          | #                     | RT    | Resp   | Conc |
| unknown-01           | 14.56 | 5.7     | ng/ul | 117292   | 3                     | 14.31 | 411541 | 20.0 |
| n-Hexadecanoic acid  | 17.96 | 4.0     | ng/ul | 97831    | 4                     | 17.06 | 485133 | 20.0 |
| (DEL) Alkane: Cyc... | 20.96 | 9.1     | ng/ul | 276255   | 5                     | 21.24 | 604356 | 20.0 |
| (DEL) Alkane: Cyc... | 21.84 | 9.2     | ng/ul | 277311   | 5                     | 21.24 | 604356 | 20.0 |
| 1,19-Eicosadiene     | 22.52 | 14.5    | ng/ul | 340609   | 6                     | 23.49 | 469766 | 20.0 |
| (DEL) Alkane: Str... | 24.02 | 27.7    | ng/ul | 651313   | 6                     | 23.49 | 469766 | 20.0 |
| (DEL) Alkane: Str... | 25.65 | 14.0    | ng/ul | 329783   | 6                     | 23.49 | 469766 | 20.0 |