

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121218\  
 Data File : BM018104.D  
 Acq On : 12 Dec 2018 22:04  
 Operator : JU/SJ  
 Sample : J6227-17  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 F9E62

## 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-BM111918MA.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         | 3.111       | 20            | 21          | 25           | rVB3     | 4957           | 3884          | 0.14%           | 0.013%        |
| 2         | 3.152       | 25            | 28          | 33           | rBV3     | 13923          | 19507         | 0.68%           | 0.065%        |
| 3         | 3.652       | 107           | 113         | 115          | rBV4     | 4722           | 8238          | 0.29%           | 0.027%        |
| 4         | 3.746       | 124           | 129         | 136          | rVB2     | 19034          | 31127         | 1.09%           | 0.104%        |
| 5         | 3.834       | 141           | 144         | 148          | rBV3     | 5291           | 6540          | 0.23%           | 0.022%        |
| 6         | 3.946       | 159           | 163         | 169          | rBV3     | 18133          | 26521         | 0.93%           | 0.088%        |
| 7         | 4.193       | 203           | 205         | 210          | rVB3     | 2967           | 5064          | 0.18%           | 0.017%        |
| 8         | 4.246       | 210           | 214         | 218          | rBV3     | 3716           | 5052          | 0.18%           | 0.017%        |
| 9         | 4.716       | 290           | 294         | 303          | rVB2     | 27185          | 53684         | 1.88%           | 0.179%        |
| 10        | 5.128       | 359           | 364         | 368          | rVB3     | 2158           | 4591          | 0.16%           | 0.015%        |
| 11        | 5.169       | 368           | 371         | 375          | rBV3     | 2143           | 3663          | 0.13%           | 0.012%        |
| 12        | 5.975       | 503           | 508         | 513          | rVB2     | 17021          | 23851         | 0.84%           | 0.080%        |
| 13        | 6.740       | 631           | 638         | 653          | rBV2     | 212537         | 496842        | 17.40%          | 1.656%        |
| 14        | 6.899       | 658           | 665         | 676          | rBV      | 194507         | 322532        | 11.29%          | 1.075%        |
| 15        | 7.081       | 688           | 696         | 708          | rBV      | 256354         | 439153        | 15.38%          | 1.464%        |
| 16        | 7.193       | 712           | 715         | 720          | rBV3     | 8008           | 14543         | 0.51%           | 0.048%        |
| 17        | 7.369       | 739           | 745         | 748          | rBV4     | 3083           | 5115          | 0.18%           | 0.017%        |
| 18        | 7.540       | 767           | 774         | 784          | rBV      | 405140         | 685799        | 24.01%          | 2.286%        |
| 19        | 7.622       | 786           | 788         | 791          | rVB2     | 3717           | 3295          | 0.12%           | 0.011%        |
| 20        | 8.263       | 888           | 897         | 911          | rBV      | 241353         | 469669        | 16.45%          | 1.566%        |
| 21        | 8.698       | 964           | 971         | 985          | rBV      | 236848         | 425155        | 14.89%          | 1.417%        |
| 22        | 9.081       | 1032          | 1036        | 1042         | rVB3     | 8582           | 14354         | 0.50%           | 0.048%        |
| 23        | 9.416       | 1085          | 1093        | 1104         | rBV      | 205121         | 372656        | 13.05%          | 1.242%        |
| 24        | 9.951       | 1178          | 1184        | 1201         | rBV      | 233985         | 508030        | 17.79%          | 1.694%        |
| 25        | 10.310      | 1237          | 1245        | 1257         | rBV      | 627308         | 1048956       | 36.73%          | 3.497%        |
| 26        | 10.475      | 1266          | 1273        | 1292         | rBV      | 169137         | 471572        | 16.51%          | 1.572%        |
| 27        | 11.928      | 1515          | 1520        | 1522         | rBV2     | 3477           | 4820          | 0.17%           | 0.016%        |
| 28        | 13.616      | 1799          | 1807        | 1812         | rBV      | 647004         | 975700        | 34.16%          | 3.253%        |
| 29        | 13.663      | 1812          | 1815        | 1827         | rVB      | 223393         | 345715        | 12.10%          | 1.153%        |
| 30        | 13.880      | 1845          | 1852        | 1869         | rBV      | 706413         | 1092190       | 38.24%          | 3.641%        |
| 31        | 14.098      | 1886          | 1889        | 1892         | rVB4     | 3195           | 3945          | 0.14%           | 0.013%        |
| 32        | 14.192      | 1898          | 1905        | 1916         | rBV2     | 973040         | 1515165       | 53.05%          | 5.052%        |
| 33        | 14.457      | 1944          | 1950        | 1964         | rBV3     | 90999          | 290937        | 10.19%          | 0.970%        |
| 34        | 15.004      | 2040          | 2043        | 2047         | rVB2     | 3539           | 4385          | 0.15%           | 0.015%        |

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 Peak Location: TOP

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 Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM111918MA.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 35 | 15.045 | 2047 | 2050 | 2051 | rBV2 | 4905    | 4864    | 0.17%  | 0.016% |
| 36 | 15.198 | 2068 | 2076 | 2089 | rBV  | 924916  | 1462420 | 51.21% | 4.876% |
| 37 | 15.345 | 2096 | 2101 | 2111 | rVV  | 268897  | 435100  | 15.23% | 1.451% |
| 38 | 15.439 | 2114 | 2117 | 2126 | rVB6 | 12401   | 22142   | 0.78%  | 0.074% |
| 39 | 15.621 | 2145 | 2148 | 2151 | rBV3 | 2803    | 3806    | 0.13%  | 0.013% |
| 40 | 15.927 | 2195 | 2200 | 2203 | rBV4 | 4176    | 5899    | 0.21%  | 0.020% |
| 41 | 16.092 | 2225 | 2228 | 2231 | rBV4 | 2895    | 3991    | 0.14%  | 0.013% |
| 42 | 16.316 | 2263 | 2266 | 2270 | rBV2 | 2690    | 3350    | 0.12%  | 0.011% |
| 43 | 16.386 | 2274 | 2278 | 2281 | rVV4 | 3457    | 5584    | 0.20%  | 0.019% |
| 44 | 16.516 | 2296 | 2300 | 2301 | rBV2 | 3507    | 4284    | 0.15%  | 0.014% |
| 45 | 16.727 | 2331 | 2336 | 2337 | rBV3 | 5133    | 6974    | 0.24%  | 0.023% |
| 46 | 16.868 | 2355 | 2360 | 2366 | rBV4 | 27222   | 43251   | 1.51%  | 0.144% |
| 47 | 16.951 | 2367 | 2374 | 2379 | rVV  | 1361246 | 1940141 | 67.93% | 6.468% |
| 48 | 16.992 | 2379 | 2381 | 2385 | rVV  | 46971   | 61879   | 2.17%  | 0.206% |
| 49 | 17.051 | 2385 | 2391 | 2404 | rVV2 | 1100187 | 1621927 | 56.79% | 5.407% |
| 50 | 17.151 | 2406 | 2408 | 2412 | rVV4 | 6538    | 8383    | 0.29%  | 0.028% |
| 51 | 17.192 | 2412 | 2415 | 2418 | rVV3 | 5337    | 7865    | 0.28%  | 0.026% |
| 52 | 17.251 | 2421 | 2425 | 2430 | rVB4 | 11830   | 16916   | 0.59%  | 0.056% |
| 53 | 17.463 | 2458 | 2461 | 2463 | rVV3 | 4693    | 5390    | 0.19%  | 0.018% |
| 54 | 17.498 | 2463 | 2467 | 2468 | rVV2 | 3628    | 4480    | 0.16%  | 0.015% |
| 55 | 17.545 | 2471 | 2475 | 2479 | rVB5 | 6802    | 9789    | 0.34%  | 0.033% |
| 56 | 17.674 | 2493 | 2497 | 2498 | rBV3 | 3171    | 3645    | 0.13%  | 0.012% |
| 57 | 17.739 | 2503 | 2508 | 2516 | rBV8 | 19652   | 41234   | 1.44%  | 0.137% |
| 58 | 17.804 | 2516 | 2519 | 2522 | rBV4 | 22013   | 27977   | 0.98%  | 0.093% |
| 59 | 17.863 | 2522 | 2529 | 2539 | rBV2 | 372089  | 577451  | 20.22% | 1.925% |
| 60 | 18.021 | 2553 | 2556 | 2561 | rVV7 | 8877    | 9966    | 0.35%  | 0.033% |
| 61 | 18.063 | 2561 | 2563 | 2567 | rVB4 | 7251    | 8238    | 0.29%  | 0.027% |
| 62 | 18.163 | 2575 | 2580 | 2585 | rBV6 | 17023   | 28378   | 0.99%  | 0.095% |
| 63 | 18.233 | 2590 | 2592 | 2594 | rBV2 | 4646    | 4925    | 0.17%  | 0.016% |
| 64 | 18.292 | 2600 | 2602 | 2604 | rBV2 | 3704    | 3348    | 0.12%  | 0.011% |
| 65 | 18.345 | 2607 | 2611 | 2613 | rBV4 | 6544    | 9599    | 0.34%  | 0.032% |
| 66 | 18.415 | 2621 | 2623 | 2629 | rBV7 | 4681    | 6707    | 0.23%  | 0.022% |
| 67 | 18.468 | 2629 | 2632 | 2637 | rVB7 | 3985    | 6305    | 0.22%  | 0.021% |
| 68 | 18.545 | 2643 | 2645 | 2648 | rVB4 | 4070    | 4004    | 0.14%  | 0.013% |
| 69 | 18.592 | 2650 | 2653 | 2657 | rBV4 | 9695    | 13839   | 0.48%  | 0.046% |
| 70 | 18.639 | 2657 | 2661 | 2664 | rVV5 | 8829    | 12241   | 0.43%  | 0.041% |
| 71 | 18.674 | 2666 | 2667 | 2673 | rVB5 | 8442    | 9882    | 0.35%  | 0.033% |

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Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM111918MA.M  
 Title : SVOA CALIBRATION

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|-----|--------|------|------|------|------|---------|---------|---------|--------|
| 72  | 18.757 | 2680 | 2681 | 2686 | rBV3 | 5230    | 6612    | 0.23%   | 0.022% |
| 73  | 18.857 | 2696 | 2698 | 2701 | rVB4 | 5487    | 5015    | 0.18%   | 0.017% |
| 74  | 18.892 | 2701 | 2704 | 2709 | rBV7 | 7898    | 12189   | 0.43%   | 0.041% |
| 75  | 19.010 | 2719 | 2724 | 2725 | rBV3 | 19686   | 32686   | 1.14%   | 0.109% |
| 76  | 19.033 | 2725 | 2728 | 2731 | rVV4 | 28748   | 40338   | 1.41%   | 0.134% |
| 77  | 19.157 | 2744 | 2749 | 2759 | rBV2 | 147639  | 244866  | 8.57%   | 0.816% |
| 78  | 19.245 | 2762 | 2764 | 2768 | rVB3 | 10599   | 11823   | 0.41%   | 0.039% |
| 79  | 19.304 | 2771 | 2774 | 2778 | rBV3 | 24177   | 24134   | 0.85%   | 0.080% |
| 80  | 19.362 | 2778 | 2784 | 2792 | rBV  | 1352637 | 2019793 | 70.72%  | 6.734% |
| 81  | 19.604 | 2822 | 2825 | 2829 | rBV3 | 17158   | 24039   | 0.84%   | 0.080% |
| 82  | 19.715 | 2842 | 2844 | 2847 | rBV4 | 8387    | 10169   | 0.36%   | 0.034% |
| 83  | 19.892 | 2873 | 2874 | 2877 | rBV3 | 11103   | 11679   | 0.41%   | 0.039% |
| 84  | 19.956 | 2883 | 2885 | 2886 | rBV2 | 8886    | 5708    | 0.20%   | 0.019% |
| 85  | 20.062 | 2899 | 2903 | 2905 | rBV3 | 22438   | 30362   | 1.06%   | 0.101% |
| 86  | 20.198 | 2922 | 2926 | 2930 | rBV5 | 14810   | 20977   | 0.73%   | 0.070% |
| 87  | 20.251 | 2930 | 2935 | 2940 | rBV4 | 65555   | 99220   | 3.47%   | 0.331% |
| 88  | 20.292 | 2940 | 2942 | 2943 | rBV2 | 21400   | 15989   | 0.56%   | 0.053% |
| 89  | 20.362 | 2950 | 2954 | 2957 | rBV5 | 33293   | 38416   | 1.35%   | 0.128% |
| 90  | 20.892 | 3040 | 3044 | 3052 | rBV  | 237386  | 332472  | 11.64%  | 1.108% |
| 91  | 21.168 | 3085 | 3091 | 3102 | rBV  | 2039431 | 2797726 | 97.96%  | 9.328% |
| 92  | 21.756 | 3188 | 3191 | 3200 | rBV6 | 84539   | 162796  | 5.70%   | 0.543% |
| 93  | 22.203 | 3263 | 3267 | 3270 | rBV2 | 151421  | 189369  | 6.63%   | 0.631% |
| 94  | 22.686 | 3345 | 3349 | 3353 | rBV  | 234232  | 316403  | 11.08%  | 1.055% |
| 95  | 22.739 | 3355 | 3358 | 3365 | rVB6 | 120608  | 192255  | 6.73%   | 0.641% |
| 96  | 23.203 | 3430 | 3437 | 3448 | rVB  | 1320740 | 2736335 | 95.81%  | 9.123% |
| 97  | 23.339 | 3454 | 3460 | 3472 | rVB  | 1497957 | 2855985 | 100.00% | 9.522% |
| 98  | 23.839 | 3540 | 3545 | 3553 | rVB  | 299739  | 549733  | 19.25%  | 1.833% |
| 99  | 24.544 | 3660 | 3665 | 3673 | rVB2 | 222162  | 469716  | 16.45%  | 1.566% |
| 100 | 25.362 | 3799 | 3804 | 3822 | rVB2 | 196301  | 588989  | 20.62%  | 1.964% |

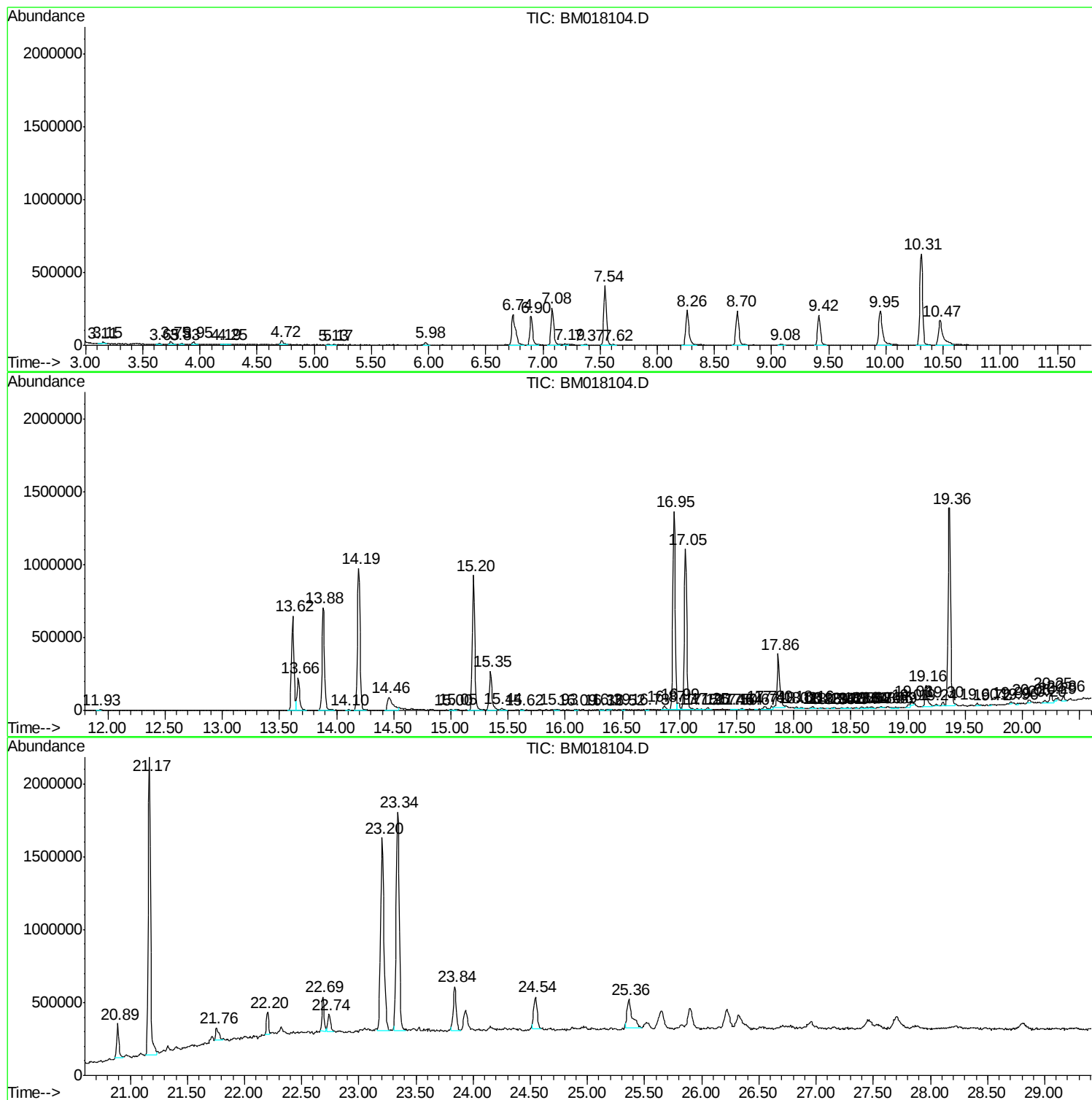
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM111918MA.M  
Quant Title : SVOA CALIBRATION

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



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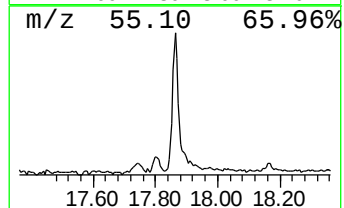
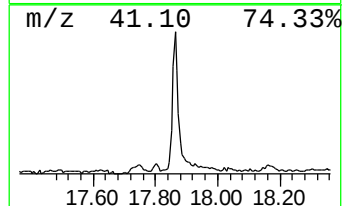
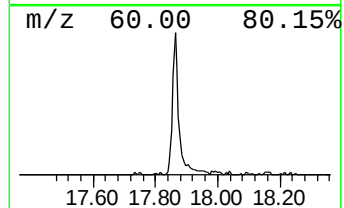
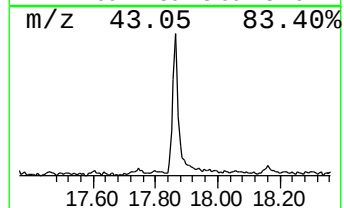
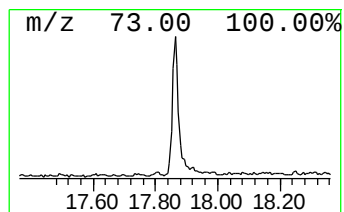
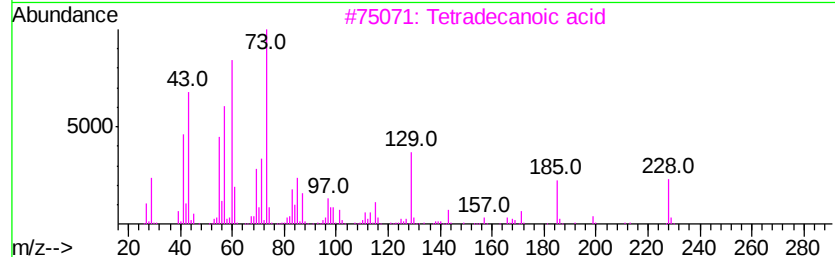
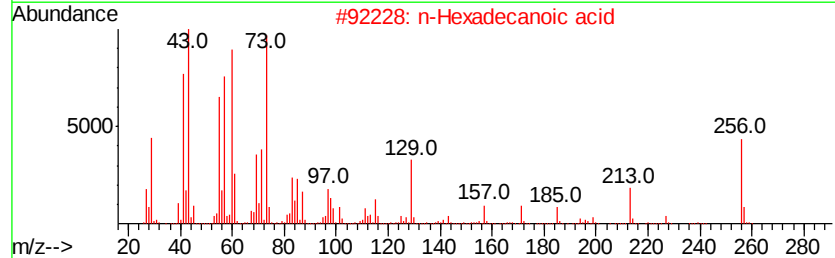
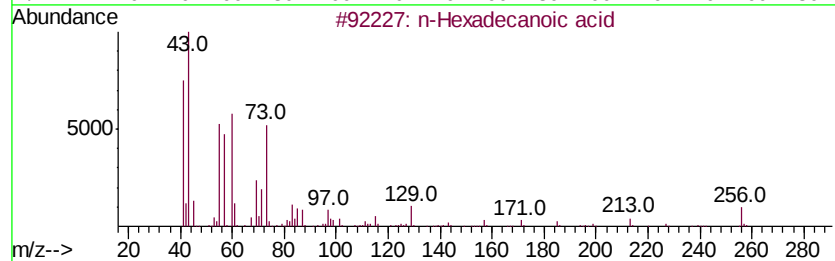
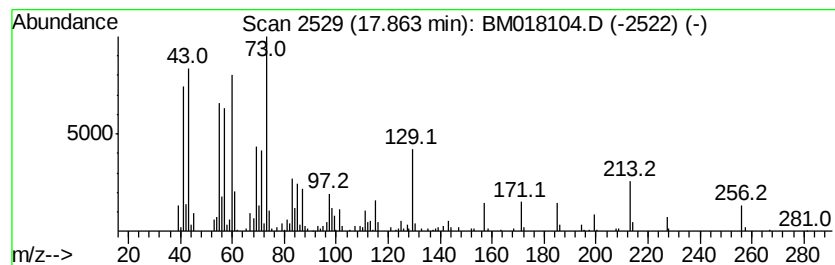
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM111918MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

| R.T.    | EstConc             | Area         | Relative to ISTD | R.T.        |      |      |
|---------|---------------------|--------------|------------------|-------------|------|------|
| 17.86   | 5.95 ng/ul          | 577451       | Phenanthrene-d10 | 16.95       |      |      |
| 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 | 98   |      |
| 3       | Tetradecanoic acid  | 228          | C14H28O2         | 000544-63-8 | 93   |      |
| 4       | Tridecanoic acid    | 214          | C13H26O2         | 000638-53-9 | 89   |      |
| 5       | Tridecanoic acid    | 214          | C13H26O2         | 000638-53-9 | 87   |      |



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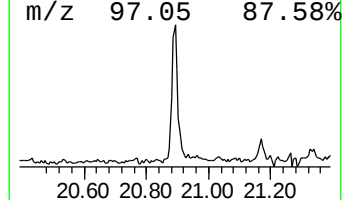
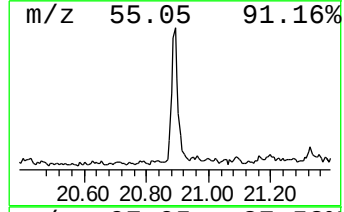
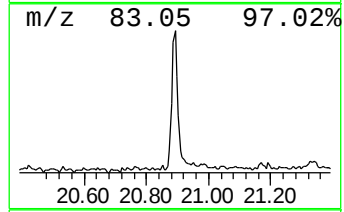
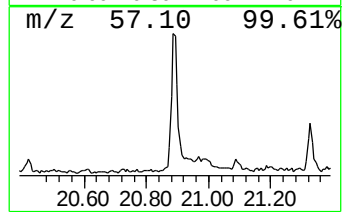
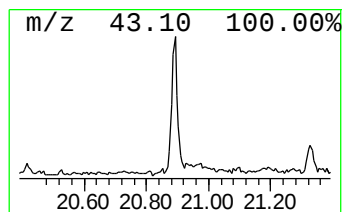
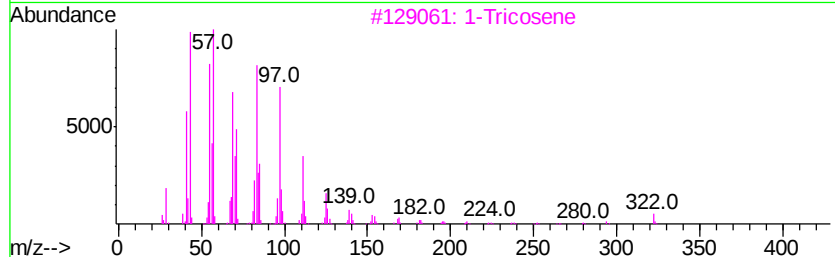
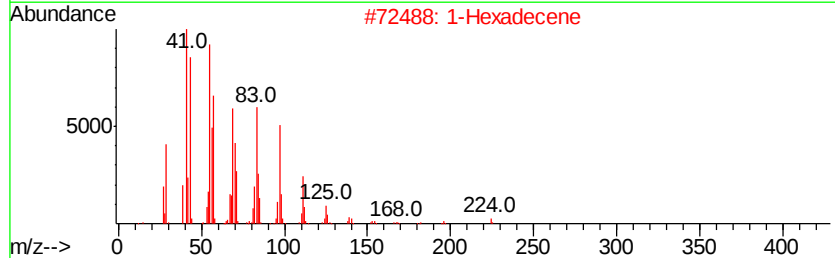
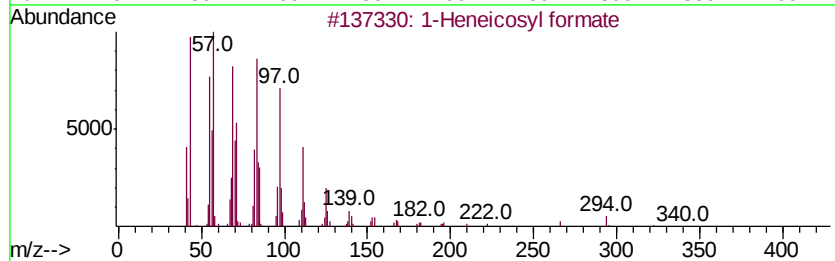
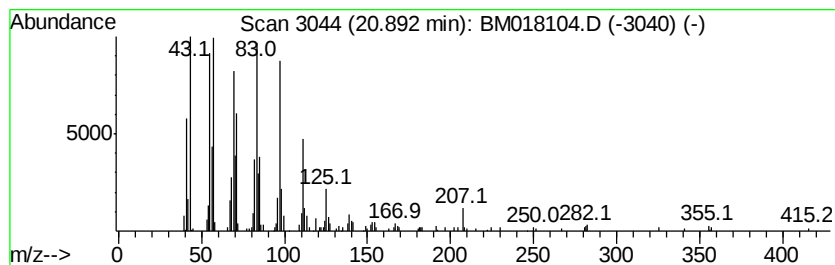
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 2 1-Heneicosyl formate Concentration Rank 5

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 20.89 | 2.38 ng/ul | 332472 | Chrysene-d12     | 21.17 |

| Hit# | of | Tentative ID                        | MW  | MolForm     | CAS#         | Qual |
|------|----|-------------------------------------|-----|-------------|--------------|------|
| 1    | 5  | 1-Heneicosyl formate                | 340 | C22H44O2    | 077899-03-7  | 94   |
| 2    |    | 1-Hexadecene                        | 224 | C16H32      | 000629-73-2  | 93   |
| 3    |    | 1-Tricosene                         | 322 | C23H46      | 018835-32-0  | 93   |
| 4    |    | Dichloroacetic acid, heptadecyl ... | 366 | C19H36Cl2O2 | 1000282-98-2 | 93   |
| 5    |    | 3-Eicosene, (E)-                    | 280 | C20H40      | 074685-33-9  | 92   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121218\  
Data File : BM018104.D  
Acq On : 12 Dec 2018 22:04  
Operator : JU/SJ  
Sample : J6227-17  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

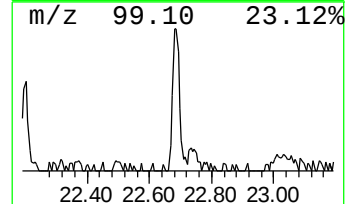
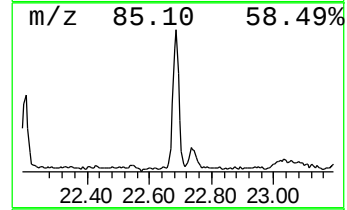
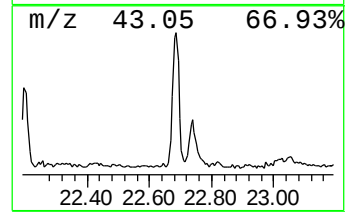
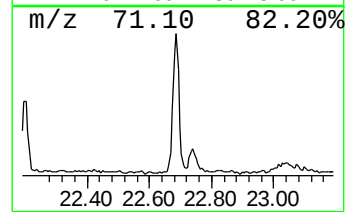
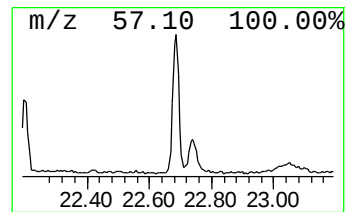
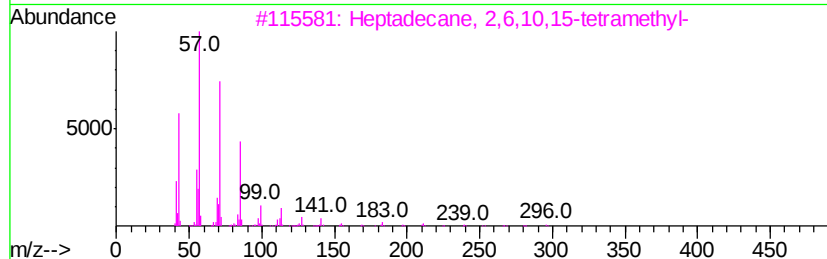
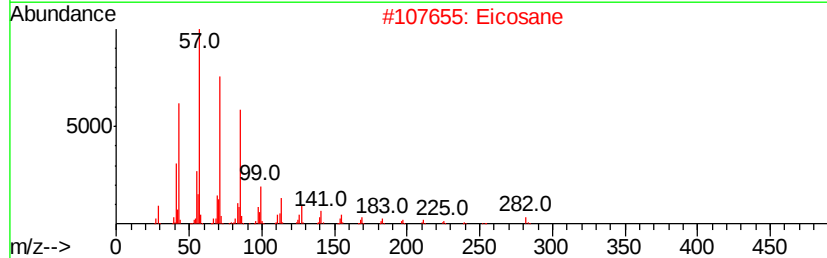
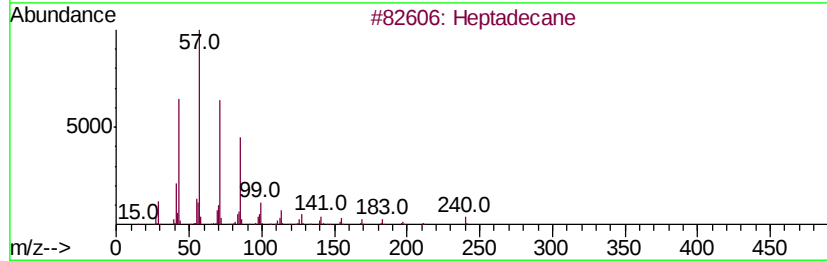
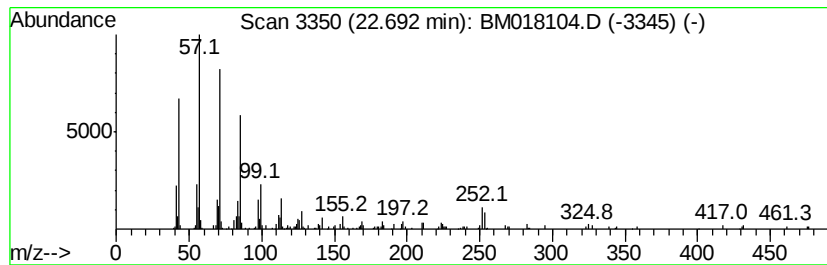
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ClientSampleId :  
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM111918MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 6

| R.T.    | EstConc                             | Area         | Relative to ISTD | R.T.      |
|---------|-------------------------------------|--------------|------------------|-----------|
| 22.69   | 2.22 ng/ul                          | 316403       | Perylene-d12     | 23.34     |
| Hit# of | 5                                   | Tentative ID | MW MolForm       | CAS# Qual |
| 1       | Heptadecane                         | 240 C17H36   | 000629-78-7      | 93        |
| 2       | Eicosane                            | 282 C20H42   | 000112-95-8      | 93        |
| 3       | Heptadecane, 2,6,10,15-tetramethyl- | 296 C21H44   | 054833-48-6      | 91        |
| 4       | Tetracosane                         | 338 C24H50   | 000646-31-1      | 90        |
| 5       | triacontane                         | 422 C30H62   | 000638-68-6      | 90        |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121218\  
Data File : BM018104.D  
Acq On : 12 Dec 2018 22:04  
Operator : JU/SJ  
Sample : J6227-17  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
F9E62

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM111918MA.M  
Quant Title : SVOA CALIBRATION

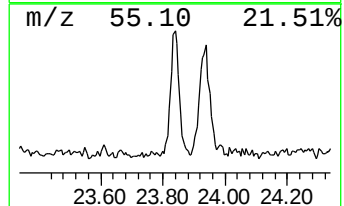
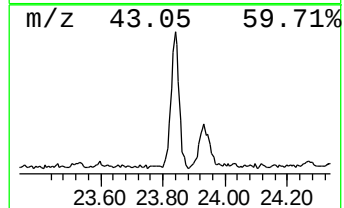
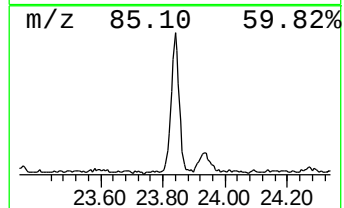
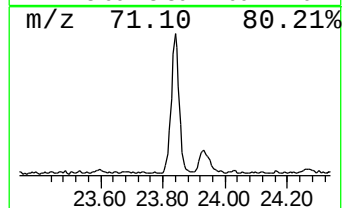
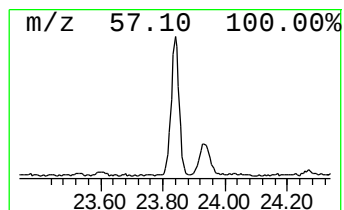
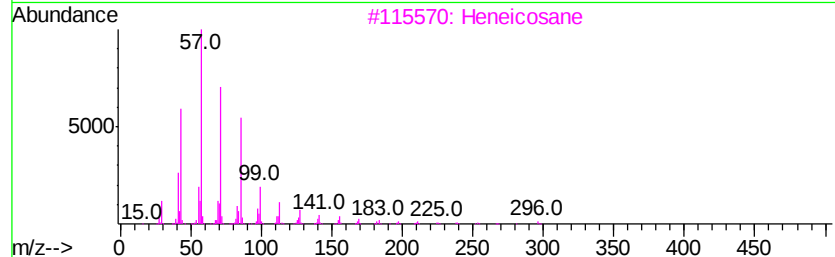
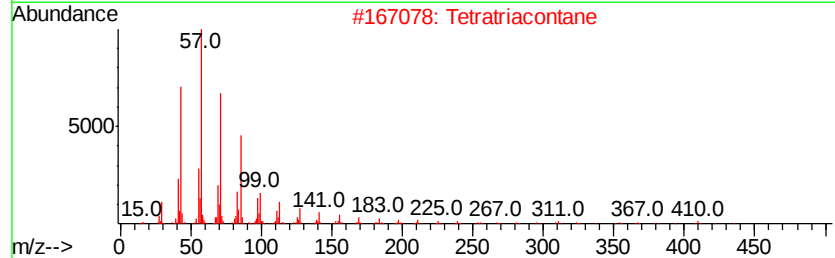
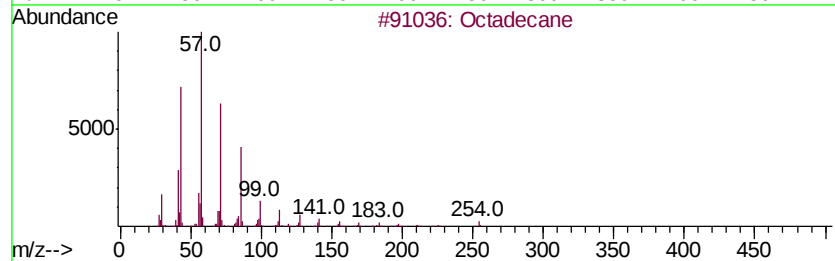
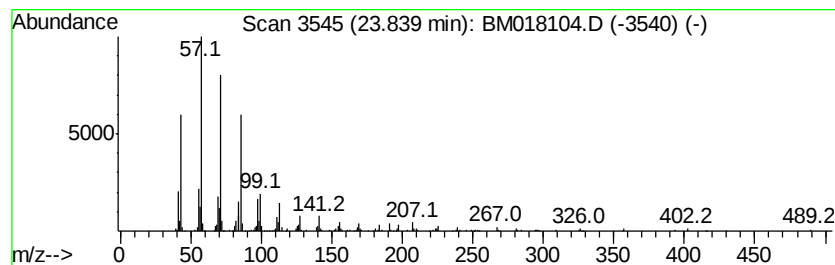
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 23.84 | 3.85 ng/ul | 549733 | Perylene-d12     | 23.34 |

| Hit# | of | 5 | Tentative ID     | MW  | MolForm | CAS#        | Qual |
|------|----|---|------------------|-----|---------|-------------|------|
| 1    |    |   | Octadecane       | 254 | C18H38  | 000593-45-3 | 95   |
| 2    |    |   | Tetratriacontane | 479 | C34H70  | 014167-59-0 | 91   |
| 3    |    |   | Heneicosane      | 296 | C21H44  | 000629-94-7 | 91   |
| 4    |    |   | Tetracosane      | 338 | C24H50  | 000646-31-1 | 91   |
| 5    |    |   | triacontane      | 422 | C30H62  | 000638-68-6 | 91   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121218\  
Data File : BM018104.D  
Acq On : 12 Dec 2018 22:04  
Operator : JU/SJ  
Sample : J6227-17  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
F9E62

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM111918MA.M  
Quant Title : SVOA CALIBRATION

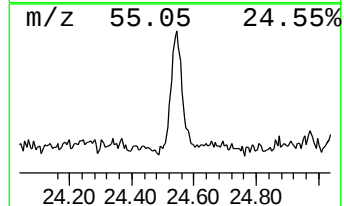
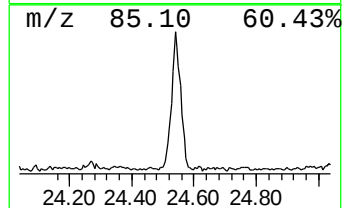
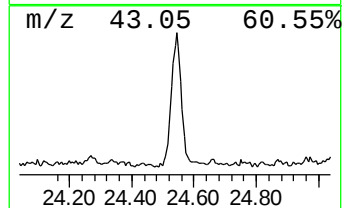
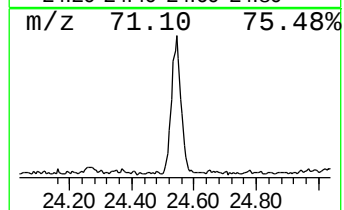
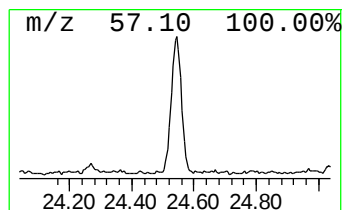
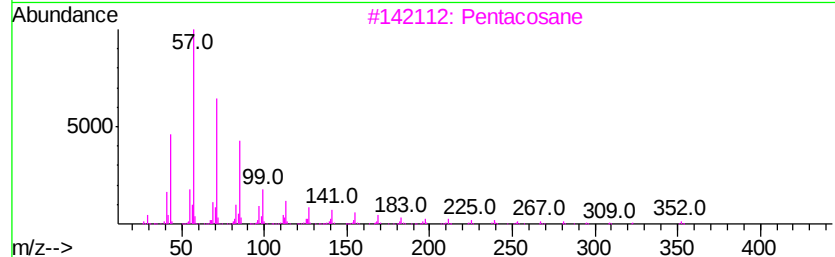
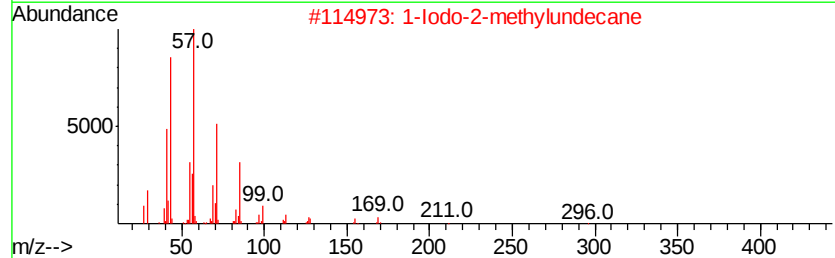
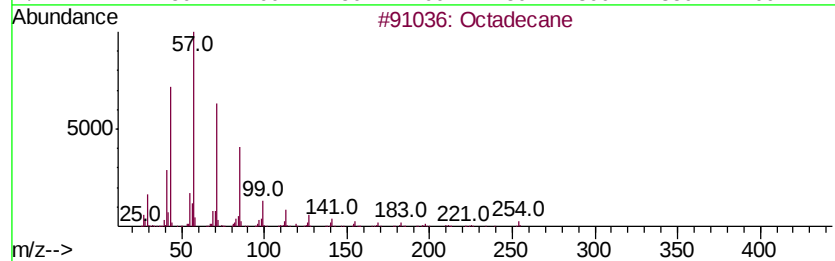
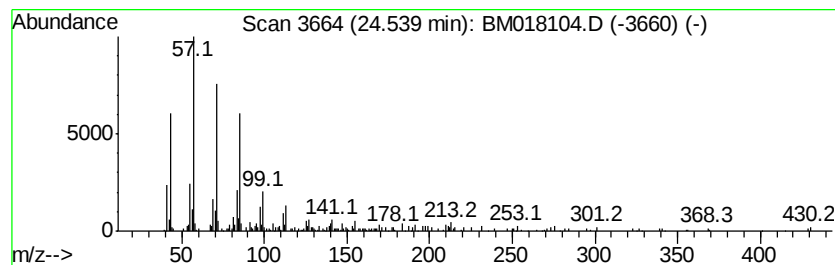
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 4

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 24.54 | 3.29 ng/ul | 469716 | Perylene-d12     | 23.34 |

| Hit# | of | Tentative ID            | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------|-----|---------|-------------|------|
| 1    | 5  | Octadecane              | 254 | C18H38  | 000593-45-3 | 97   |
| 2    |    | 1-Iodo-2-methylundecane | 296 | C12H25I | 073105-67-6 | 87   |
| 3    |    | Pentacosane             | 352 | C25H52  | 000629-99-2 | 87   |
| 4    |    | Triacontane             | 422 | C30H62  | 000638-68-6 | 87   |
| 5    |    | Tetratriacontane        | 479 | C34H70  | 014167-59-0 | 87   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121218\  
Data File : BM018104.D  
Acq On : 12 Dec 2018 22:04  
Operator : JU/SJ  
Sample : J6227-17  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
F9E62

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM111918MA.M  
Quant Title : SVOA CALIBRATION

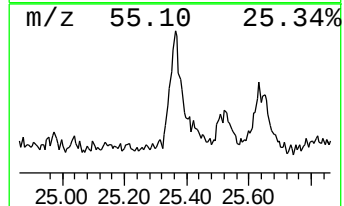
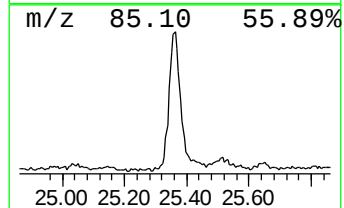
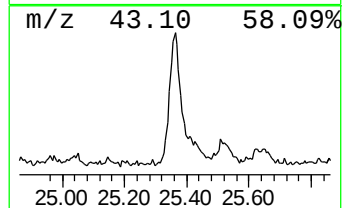
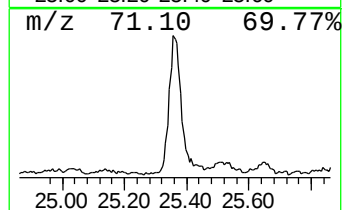
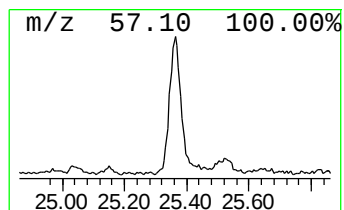
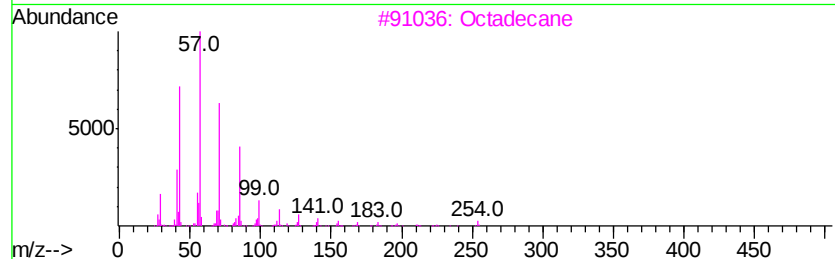
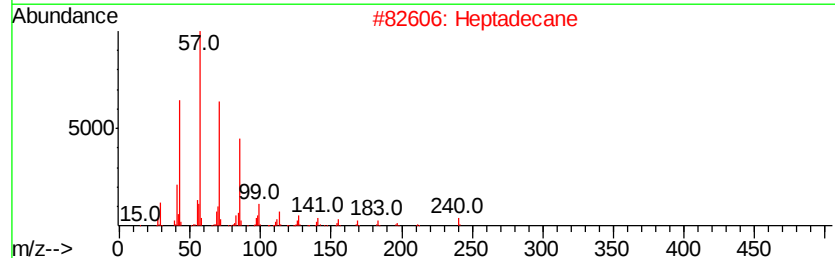
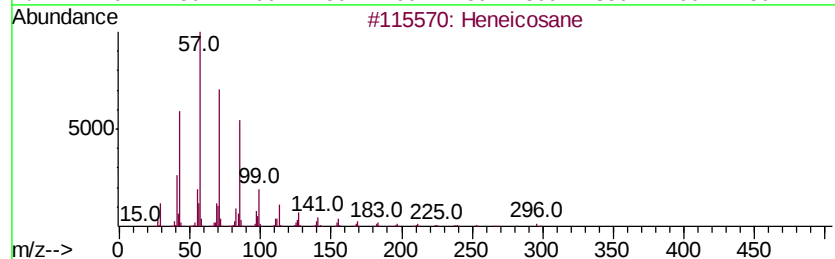
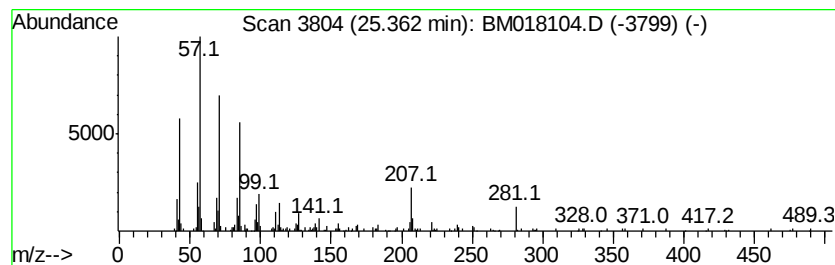
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 2

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 25.36 | 4.12 ng/ul | 588989 | Perylene-d12     | 23.34 |

| Hit# | of | Tentative ID           | MW  | MolForm | CAS#        | Qual |
|------|----|------------------------|-----|---------|-------------|------|
| 1    | 5  | Heneicosane            | 296 | C21H44  | 000629-94-7 | 96   |
| 2    |    | Heptadecane            | 240 | C17H36  | 000629-78-7 | 90   |
| 3    |    | Octadecane             | 254 | C18H38  | 000593-45-3 | 60   |
| 4    |    | Pentadecane, 8-heptyl- | 310 | C22H46  | 071005-15-7 | 53   |
| 5    |    | Hentriacontane         | 437 | C31H64  | 000630-04-6 | 53   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM121218\  
Data File : BM018104.D  
Acq On : 12 Dec 2018 22:04  
Operator : JU/SJ  
Sample : J6227-17  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
F9E62

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM111918MA.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 |
| n-Hexadecanoic acid  | 17.86 | 6.0     | ng/ul | 577451   | 4                     | 16.95 | 1940140 | 20.0 |
| 1-Heneicosyl formate | 20.89 | 2.4     | ng/ul | 332472   | 5                     | 21.17 | 2797730 | 20.0 |
| (DEL) Alkane: Str... | 22.69 | 2.2     | ng/ul | 316403   | 6                     | 23.34 | 2855990 | 20.0 |
| (DEL) Alkane: Str... | 23.84 | 3.9     | ng/ul | 549733   | 6                     | 23.34 | 2855990 | 20.0 |
| (DEL) Alkane: Str... | 24.54 | 3.3     | ng/ul | 469716   | 6                     | 23.34 | 2855990 | 20.0 |
| (DEL) Alkane: Str... | 25.36 | 4.1     | ng/ul | 588989   | 6                     | 23.34 | 2855990 | 20.0 |