

Data Path : Z:\HPCHEM1\BNA G\DATA\BG111715\  
 Data File : BG019694.D  
 Acq On : 18 Nov 2015 14:32  
 Operator : UM/NP  
 Sample : G4374-18  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 BC764

## 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-BG111615.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         | 3.085       | 37            | 42          | 51           | rBV      | 71472          | 121010        | 8.32%           | 0.750%        |
| 2         | 3.167       | 51            | 56          | 68           | rVB      | 89733          | 132116        | 9.08%           | 0.819%        |
| 3         | 4.607       | 298           | 301         | 306          | rVB3     | 2497           | 3574          | 0.25%           | 0.022%        |
| 4         | 5.194       | 393           | 401         | 407          | rBV2     | 5842           | 9053          | 0.62%           | 0.056%        |
| 5         | 7.292       | 750           | 758         | 764          | rBV      | 37729          | 62191         | 4.27%           | 0.386%        |
| 6         | 7.462       | 781           | 787         | 795          | rBV      | 102321         | 164275        | 11.29%          | 1.018%        |
| 7         | 7.674       | 814           | 823         | 833          | rBB      | 106199         | 176293        | 12.12%          | 1.093%        |
| 8         | 8.150       | 896           | 904         | 909          | rBV      | 99992          | 164738        | 11.32%          | 1.021%        |
| 9         | 8.197       | 909           | 912         | 917          | rVB2     | 4986           | 7727          | 0.53%           | 0.048%        |
| 10        | 8.855       | 1017          | 1024        | 1033         | rVV      | 97576          | 173073        | 11.90%          | 1.073%        |
| 11        | 9.254       | 1083          | 1092        | 1096         | rBV2     | 13587          | 23352         | 1.60%           | 0.145%        |
| 12        | 9.319       | 1096          | 1103        | 1115         | rVB      | 142003         | 248410        | 17.07%          | 1.540%        |
| 13        | 10.047      | 1220          | 1227        | 1237         | rVB      | 132093         | 226661        | 15.58%          | 1.405%        |
| 14        | 10.594      | 1313          | 1320        | 1327         | rVB      | 185341         | 324515        | 22.30%          | 2.012%        |
| 15        | 10.870      | 1363          | 1367        | 1372         | rBV3     | 3592           | 5435          | 0.37%           | 0.034%        |
| 16        | 10.976      | 1376          | 1385        | 1392         | rBV      | 148082         | 264861        | 18.20%          | 1.642%        |
| 17        | 12.239      | 1595          | 1600        | 1607         | rBV2     | 10991          | 16108         | 1.11%           | 0.100%        |
| 18        | 12.550      | 1649          | 1653        | 1661         | rBB2     | 2841           | 4647          | 0.32%           | 0.029%        |
| 19        | 13.138      | 1749          | 1753        | 1758         | rBV2     | 2689           | 3296          | 0.23%           | 0.020%        |
| 20        | 13.385      | 1790          | 1795        | 1799         | rBB3     | 3924           | 5389          | 0.37%           | 0.033%        |
| 21        | 13.696      | 1843          | 1848        | 1854         | rVB2     | 43781          | 65751         | 4.52%           | 0.408%        |
| 22        | 14.178      | 1923          | 1930        | 1937         | rBV      | 417306         | 583170        | 40.08%          | 3.615%        |
| 23        | 14.478      | 1974          | 1981        | 1988         | rBV      | 428278         | 642041        | 44.13%          | 3.980%        |
| 24        | 14.783      | 2025          | 2033        | 2041         | rBV2     | 298545         | 476510        | 32.75%          | 2.954%        |
| 25        | 14.848      | 2041          | 2044        | 2048         | rVB2     | 2678           | 2949          | 0.20%           | 0.018%        |
| 26        | 14.965      | 2058          | 2064        | 2073         | rBV      | 46651          | 74705         | 5.13%           | 0.463%        |
| 27        | 15.171      | 2093          | 2099        | 2106         | rBV2     | 8704           | 13650         | 0.94%           | 0.085%        |
| 28        | 15.441      | 2138          | 2145        | 2152         | rVV3     | 8556           | 12897         | 0.89%           | 0.080%        |
| 29        | 15.559      | 2159          | 2165        | 2166         | rBV4     | 4335           | 5571          | 0.38%           | 0.035%        |
| 30        | 15.770      | 2194          | 2201        | 2208         | rBV      | 630177         | 895547        | 61.55%          | 5.552%        |
| 31        | 15.882      | 2214          | 2220        | 2226         | rBV      | 190487         | 277754        | 19.09%          | 1.722%        |
| 32        | 16.005      | 2236          | 2241        | 2247         | rVB2     | 5689           | 7737          | 0.53%           | 0.048%        |
| 33        | 16.129      | 2258          | 2262        | 2267         | rVB2     | 4214           | 5886          | 0.40%           | 0.036%        |
| 34        | 16.346      | 2295          | 2299        | 2300         | rVV2     | 2727           | 2899          | 0.20%           | 0.018%        |

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 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-BG111615.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |         |        |
|----|--------|------|------|------|------|---------|---------|---------|--------|
| 35 | 16.699 | 2356 | 2359 | 2366 | rBV  | 7753    | 11873   | 0.82%   | 0.074% |
| 36 | 17.286 | 2454 | 2459 | 2467 | rVB5 | 5273    | 9663    | 0.66%   | 0.060% |
| 37 | 17.521 | 2493 | 2499 | 2506 | rBV  | 453667  | 673777  | 46.31%  | 4.177% |
| 38 | 17.621 | 2509 | 2516 | 2523 | rBV  | 704025  | 1043626 | 71.73%  | 6.470% |
| 39 | 17.768 | 2536 | 2541 | 2545 | rBV  | 103390  | 125408  | 8.62%   | 0.777% |
| 40 | 17.821 | 2545 | 2550 | 2555 | rVB  | 198576  | 254393  | 17.48%  | 1.577% |
| 41 | 18.167 | 2605 | 2609 | 2614 | rVB  | 74683   | 93997   | 6.46%   | 0.583% |
| 42 | 18.379 | 2641 | 2645 | 2650 | rBV3 | 6648    | 9243    | 0.64%   | 0.057% |
| 43 | 18.461 | 2654 | 2659 | 2663 | rVV2 | 3435    | 5521    | 0.38%   | 0.034% |
| 44 | 18.502 | 2663 | 2666 | 2673 | rVV4 | 2311    | 4272    | 0.29%   | 0.026% |
| 45 | 18.643 | 2685 | 2690 | 2695 | rVV3 | 6288    | 9130    | 0.63%   | 0.057% |
| 46 | 18.714 | 2695 | 2702 | 2708 | rVB5 | 9900    | 17820   | 1.22%   | 0.110% |
| 47 | 18.972 | 2742 | 2746 | 2747 | rBV2 | 2515    | 2988    | 0.21%   | 0.019% |
| 48 | 19.072 | 2759 | 2763 | 2767 | rBV  | 103461  | 124210  | 8.54%   | 0.770% |
| 49 | 19.119 | 2767 | 2771 | 2775 | rVB  | 209710  | 238257  | 16.38%  | 1.477% |
| 50 | 19.531 | 2836 | 2841 | 2845 | rBV  | 8401    | 10187   | 0.70%   | 0.063% |
| 51 | 19.642 | 2855 | 2860 | 2865 | rBV4 | 3471    | 6854    | 0.47%   | 0.042% |
| 52 | 19.783 | 2881 | 2884 | 2889 | rVB2 | 6713    | 9708    | 0.67%   | 0.060% |
| 53 | 19.895 | 2896 | 2903 | 2915 | rVB  | 937481  | 1454970 | 100.00% | 9.020% |
| 54 | 20.189 | 2948 | 2953 | 2956 | rBV  | 559592  | 652327  | 44.83%  | 4.044% |
| 55 | 20.224 | 2956 | 2959 | 2964 | rVB  | 1101239 | 1197627 | 82.31%  | 7.425% |
| 56 | 20.476 | 3000 | 3002 | 3009 | rVV6 | 3573    | 7683    | 0.53%   | 0.048% |
| 57 | 20.547 | 3010 | 3014 | 3017 | rVV5 | 3088    | 5881    | 0.40%   | 0.036% |
| 58 | 20.776 | 3046 | 3053 | 3056 | rBV4 | 6778    | 11665   | 0.80%   | 0.072% |
| 59 | 20.894 | 3066 | 3073 | 3074 | rBV6 | 3900    | 5634    | 0.39%   | 0.035% |
| 60 | 20.917 | 3074 | 3077 | 3079 | rVV2 | 15167   | 19907   | 1.37%   | 0.123% |
| 61 | 20.947 | 3079 | 3082 | 3086 | rVV3 | 27063   | 38382   | 2.64%   | 0.238% |
| 62 | 20.994 | 3088 | 3090 | 3094 | rVB5 | 4673    | 6507    | 0.45%   | 0.040% |
| 63 | 21.129 | 3110 | 3113 | 3116 | rBV3 | 2053    | 3275    | 0.23%   | 0.020% |
| 64 | 21.176 | 3116 | 3121 | 3124 | rVV  | 190680  | 234226  | 16.10%  | 1.452% |
| 65 | 21.217 | 3124 | 3128 | 3135 | rVV  | 358994  | 444999  | 30.58%  | 2.759% |
| 66 | 21.276 | 3136 | 3138 | 3142 | rVB5 | 3541    | 3252    | 0.22%   | 0.020% |
| 67 | 21.793 | 3218 | 3226 | 3233 | rBV  | 541150  | 896094  | 61.59%  | 5.556% |
| 68 | 21.939 | 3247 | 3251 | 3257 | rBV6 | 8125    | 13066   | 0.90%   | 0.081% |
| 69 | 21.986 | 3257 | 3259 | 3264 | rVV5 | 7929    | 13579   | 0.93%   | 0.084% |
| 70 | 22.039 | 3264 | 3268 | 3274 | rVV9 | 9093    | 18585   | 1.28%   | 0.115% |
| 71 | 22.086 | 3274 | 3276 | 3279 | rVV4 | 5077    | 5078    | 0.35%   | 0.031% |

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Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG111615.M  
 Title : SVOA CALIBRATION

|     |        |      |      |      |       |        |         |        |        |
|-----|--------|------|------|------|-------|--------|---------|--------|--------|
| 72  | 22.292 | 3306 | 3311 | 3315 | rBV2  | 74995  | 116681  | 8.02%  | 0.723% |
| 73  | 22.339 | 3315 | 3319 | 3328 | rVB   | 160368 | 235378  | 16.18% | 1.459% |
| 74  | 22.580 | 3356 | 3360 | 3365 | rBV7  | 4328   | 7872    | 0.54%  | 0.049% |
| 75  | 22.650 | 3368 | 3372 | 3374 | rBV5  | 3093   | 4753    | 0.33%  | 0.029% |
| 76  | 23.220 | 3462 | 3469 | 3474 | rVV4  | 37606  | 78657   | 5.41%  | 0.488% |
| 77  | 23.279 | 3474 | 3479 | 3489 | rVV7  | 25133  | 54783   | 3.77%  | 0.340% |
| 78  | 23.373 | 3489 | 3495 | 3498 | rVV6  | 15078  | 24380   | 1.68%  | 0.151% |
| 79  | 23.726 | 3549 | 3555 | 3560 | rVV4  | 54159  | 109995  | 7.56%  | 0.682% |
| 80  | 23.790 | 3560 | 3566 | 3576 | rVB   | 106476 | 217957  | 14.98% | 1.351% |
| 81  | 23.949 | 3588 | 3593 | 3602 | rVB7  | 6557   | 14281   | 0.98%  | 0.089% |
| 82  | 24.078 | 3612 | 3615 | 3617 | rBV4  | 2633   | 3029    | 0.21%  | 0.019% |
| 83  | 24.119 | 3617 | 3622 | 3628 | rVV7  | 10988  | 23044   | 1.58%  | 0.143% |
| 84  | 24.595 | 3701 | 3703 | 3706 | rBV3  | 3082   | 2903    | 0.20%  | 0.018% |
| 85  | 24.883 | 3737 | 3752 | 3763 | rBV   | 479258 | 1331231 | 91.50% | 8.253% |
| 86  | 25.112 | 3780 | 3791 | 3806 | rVB2  | 295268 | 865503  | 59.49% | 5.366% |
| 87  | 25.594 | 3870 | 3873 | 3875 | rBV3  | 2435   | 3332    | 0.23%  | 0.021% |
| 88  | 26.258 | 3977 | 3986 | 3996 | rBV8  | 12255  | 38548   | 2.65%  | 0.239% |
| 89  | 26.704 | 4060 | 4062 | 4067 | rVB4  | 2941   | 3131    | 0.22%  | 0.019% |
| 90  | 27.286 | 4155 | 4161 | 4162 | rBV4  | 10008  | 16711   | 1.15%  | 0.104% |
| 91  | 27.650 | 4213 | 4223 | 4225 | rBV8  | 14403  | 35843   | 2.46%  | 0.222% |
| 92  | 28.573 | 4376 | 4380 | 4383 | rBV4  | 3027   | 4488    | 0.31%  | 0.028% |
| 93  | 29.354 | 4500 | 4513 | 4515 | rBV10 | 8044   | 23731   | 1.63%  | 0.147% |
| 94  | 29.601 | 4552 | 4555 | 4558 | rVB3  | 2170   | 2918    | 0.20%  | 0.018% |
| 95  | 29.795 | 4587 | 4588 | 4591 | rBV3  | 2641   | 2996    | 0.21%  | 0.019% |
| 96  | 30.106 | 4640 | 4641 | 4646 | rBV5  | 2443   | 3342    | 0.23%  | 0.021% |
| 97  | 30.776 | 4754 | 4755 | 4759 | rVB4  | 3041   | 2859    | 0.20%  | 0.018% |
| 98  | 31.364 | 4848 | 4855 | 4856 | rBV6  | 3571   | 6465    | 0.44%  | 0.040% |
| 99  | 31.387 | 4856 | 4859 | 4861 | rVV4  | 3045   | 4302    | 0.30%  | 0.027% |
| 100 | 32.127 | 4980 | 4985 | 4986 | rBV3  | 1806   | 3171    | 0.22%  | 0.020% |

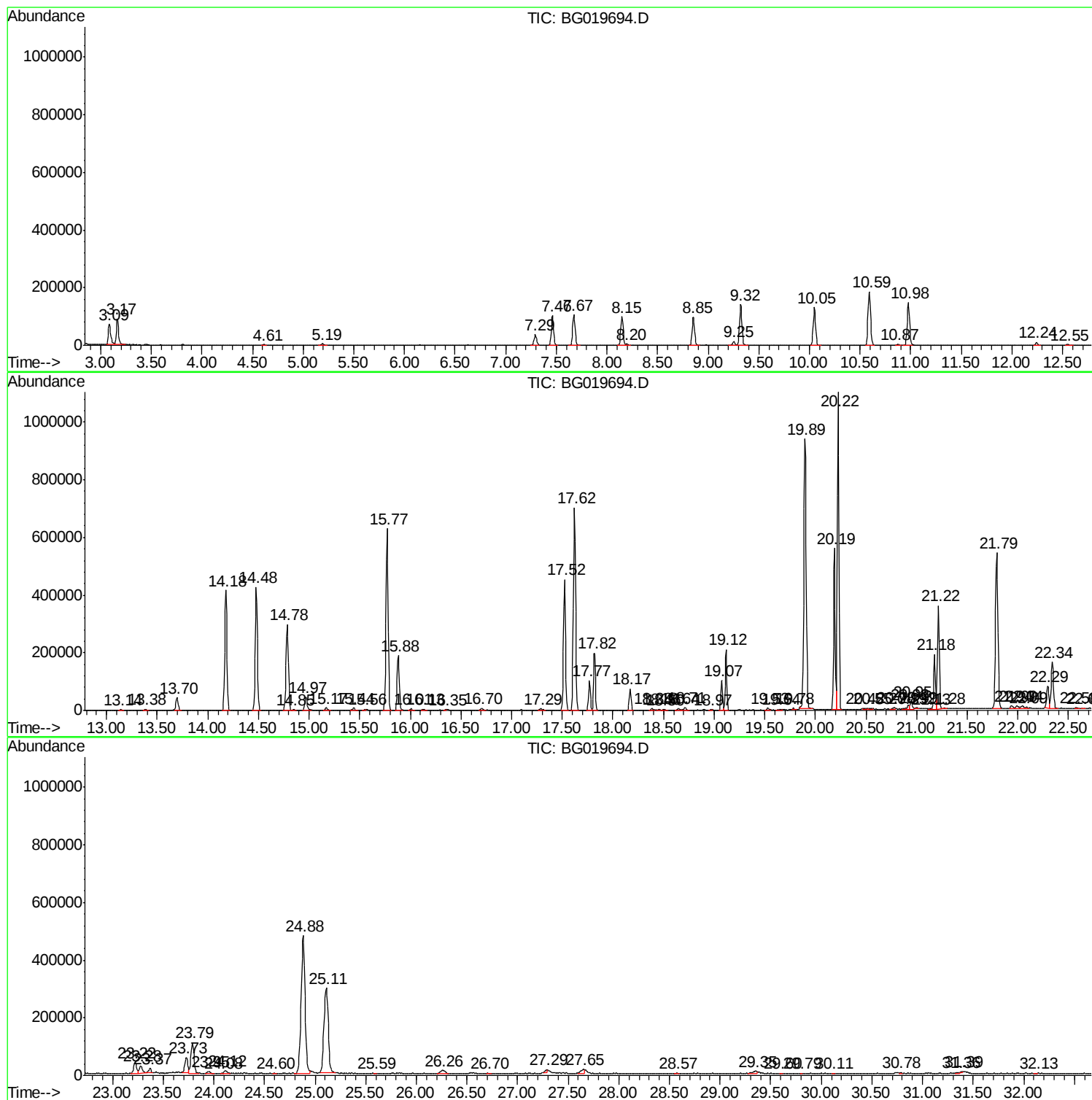
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG111615.M  
Quant Title : SVOA CALIBRATION

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



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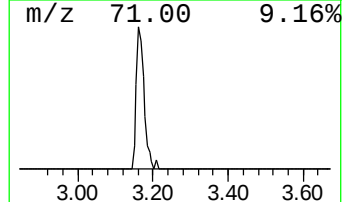
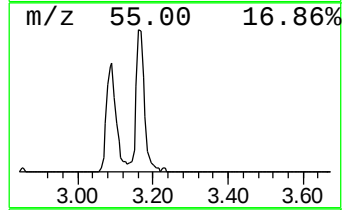
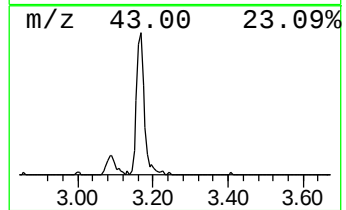
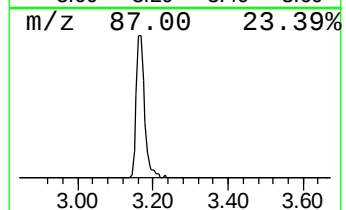
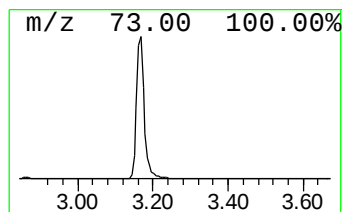
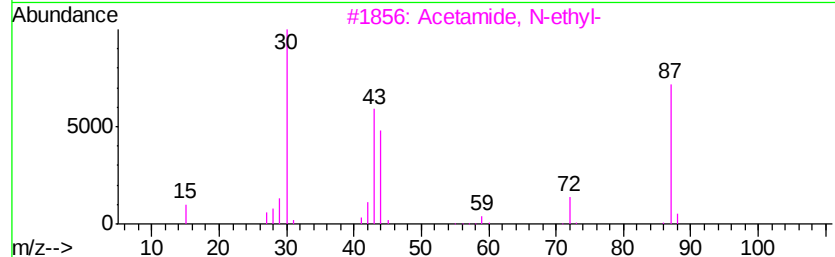
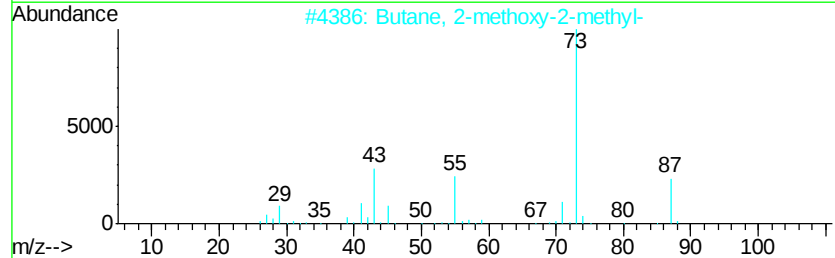
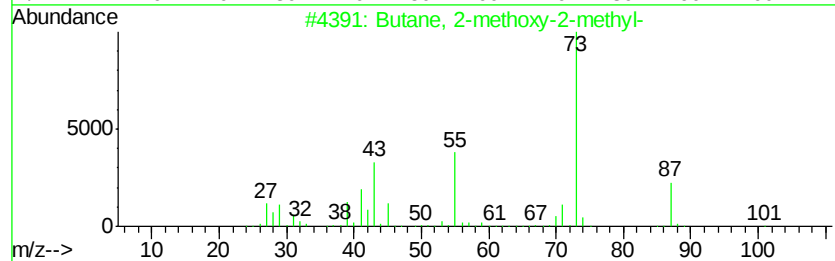
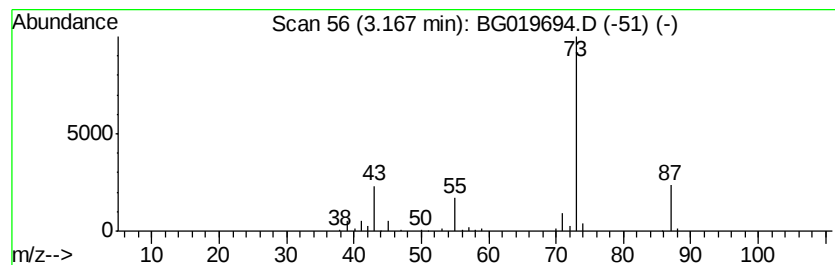
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG111615.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 2

| R.T. | EstConc     | Area   | Relative to ISTD       | R.T. |
|------|-------------|--------|------------------------|------|
| 3.17 | 16.04 ng/ul | 132116 | 1,4-Dichlorobenzene-d4 | 8.15 |

| Hit# | of | Tentative ID                 | MW  | MolForm  | CAS#        | Qual |
|------|----|------------------------------|-----|----------|-------------|------|
| 1    | 5  | Butane, 2-methoxy-2-methyl-  | 102 | C6H14O   | 000994-05-8 | 64   |
| 2    |    | Butane, 2-methoxy-2-methyl-  | 102 | C6H14O   | 000994-05-8 | 50   |
| 3    |    | Acetamide, N-ethyl-          | 87  | C4H9NO   | 000625-50-3 | 9    |
| 4    |    | N-Ethylformamide             | 73  | C3H7NO   | 000627-45-2 | 9    |
| 5    |    | 1,3-Dioxolane, 2-pentadecyl- | 284 | C18H36O2 | 004360-57-0 | 9    |



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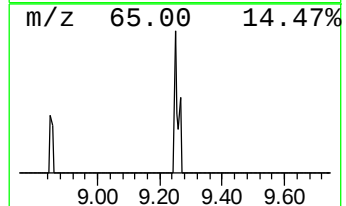
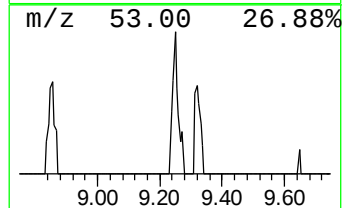
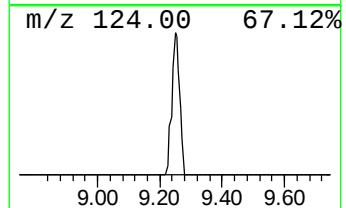
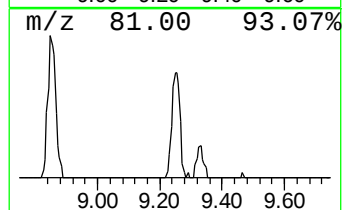
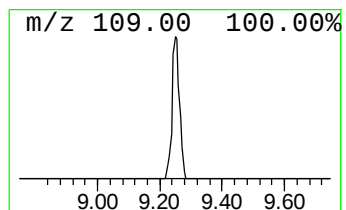
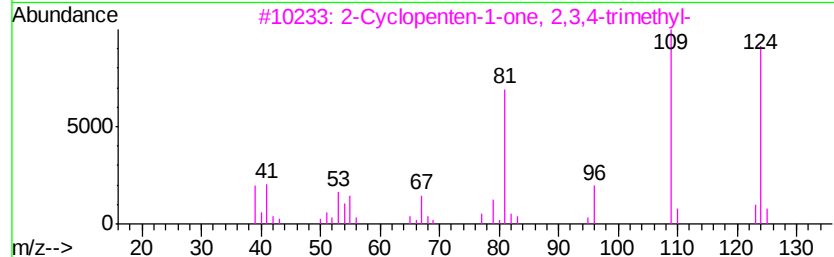
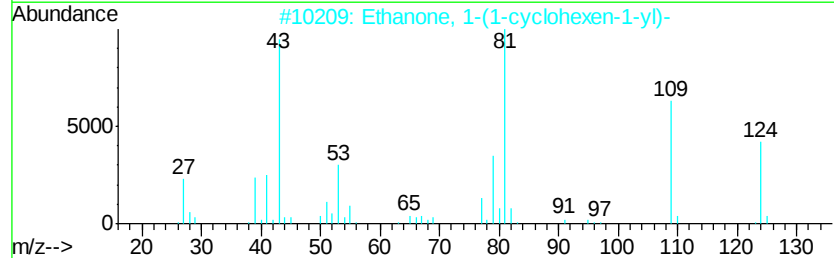
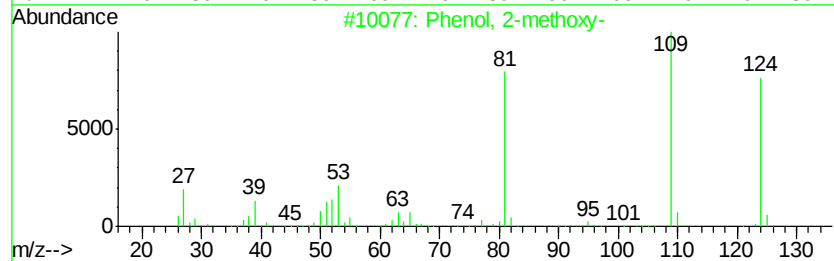
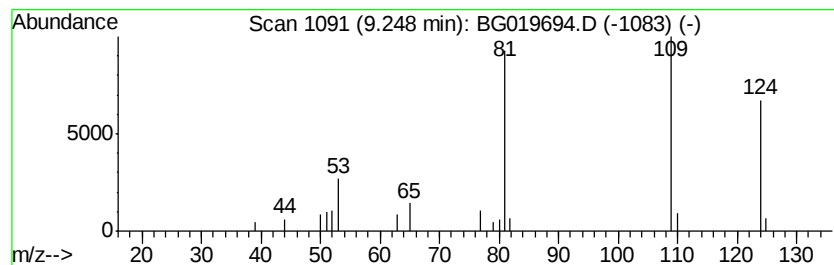
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 3 Phenol, 2-methoxy- Concentration Rank 13

| R.T. | EstConc    | Area  | Relative to ISTD       | R.T. |
|------|------------|-------|------------------------|------|
| 9.25 | 2.84 ng/ul | 23352 | 1,4-Dichlorobenzene-d4 | 8.15 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------------|-----|---------|-------------|------|
| 1    | 5  | Phenol, 2-methoxy-                  | 124 | C7H8O2  | 000090-05-1 | 87   |
| 2    |    | Ethanone, 1-(1-cyclohexen-1-yl)-    | 124 | C8H12O  | 000932-66-1 | 78   |
| 3    |    | 2-Cyclopenten-1-one, 2,3,4-trime... | 124 | C8H12O  | 028790-86-5 | 78   |
| 4    |    | Cyclopent-2-ene-1-one, 2,3,4-tri... | 124 | C8H12O  | 083321-16-8 | 78   |
| 5    |    | 2-Cyclopenten-1-one, 3,4,4-trime... | 124 | C8H12O  | 030434-65-2 | 72   |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG111715\  
Data File : BG019694.D  
Acq On : 18 Nov 2015 14:32  
Operator : UM/NP  
Sample : G4374-18  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
BC764

Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG111615.M  
Quant Title : SVOA CALIBRATION

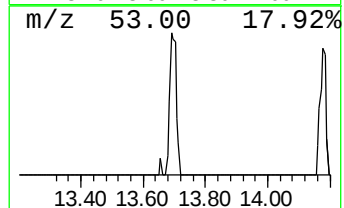
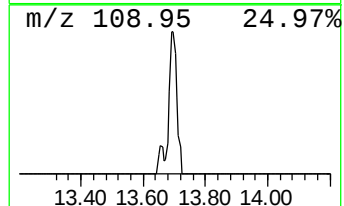
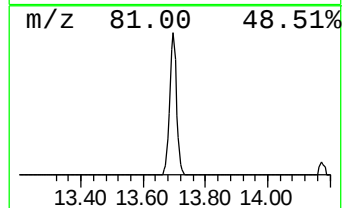
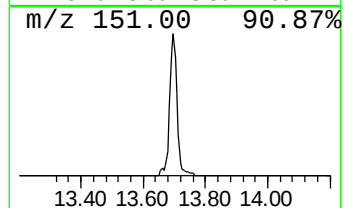
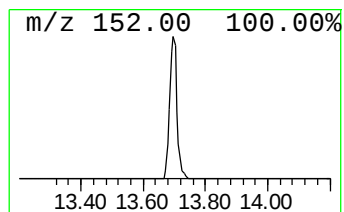
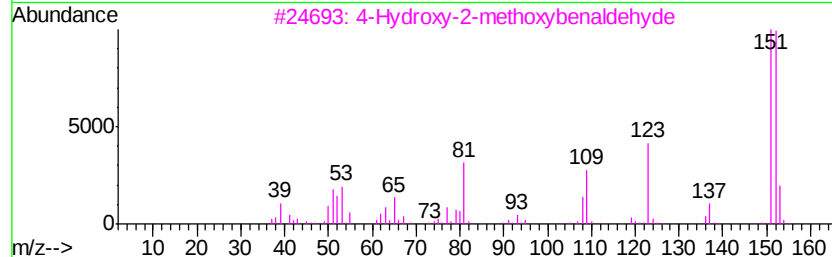
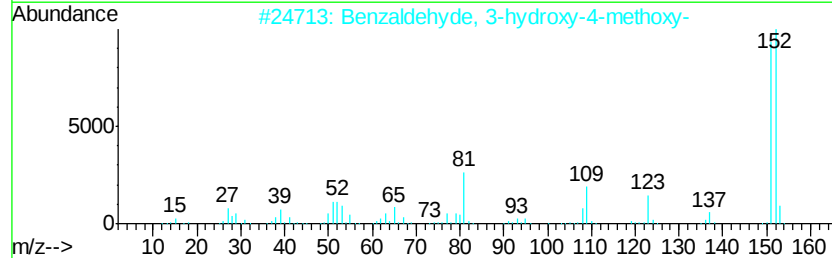
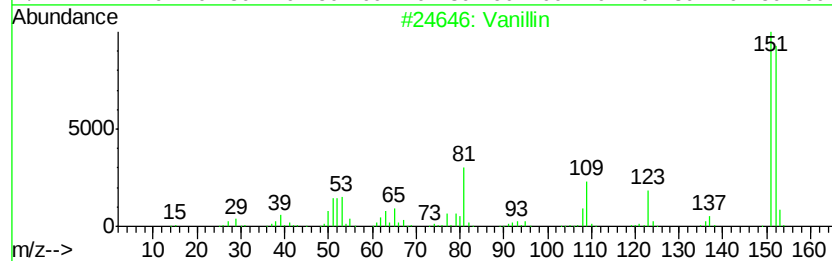
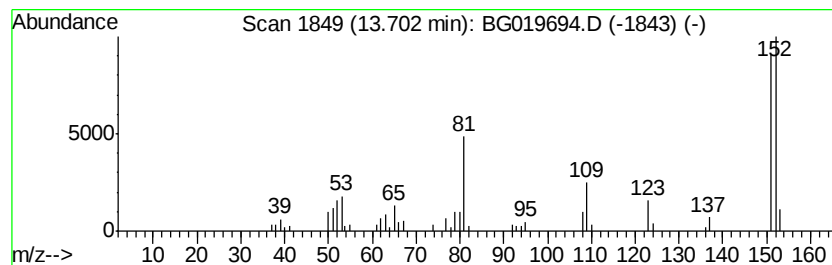
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 4 Vanillin Concentration Rank 15

| R.T.  | EstConc    | Area  | Relative to ISTD | R.T.  |
|-------|------------|-------|------------------|-------|
| 13.70 | 2.76 ng/ul | 65751 | Acenaphthene-d10 | 14.78 |

| Hit# | of | Tentative ID                       | MW  | MolForm | CAS#        | Qual |
|------|----|------------------------------------|-----|---------|-------------|------|
| 1    | 5  | Vanillin                           | 152 | C8H8O3  | 000121-33-5 | 96   |
| 2    |    | Benzaldehyde, 3-hydroxy-4-methoxy- | 152 | C8H8O3  | 000621-59-0 | 93   |
| 3    |    | 4-Hydroxy-2-methoxybenzaldehyde    | 152 | C8H8O3  | 018278-34-7 | 91   |
| 4    |    | Vanillin                           | 152 | C8H8O3  | 000121-33-5 | 91   |
| 5    |    | Benzaldehyde, 3-hydroxy-4-methoxy- | 152 | C8H8O3  | 000621-59-0 | 91   |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG111715\  
Data File : BG019694.D  
Acq On : 18 Nov 2015 14:32  
Operator : UM/NP  
Sample : G4374-18  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
BC764

Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG111615.M  
Quant Title : SVOA CALIBRATION

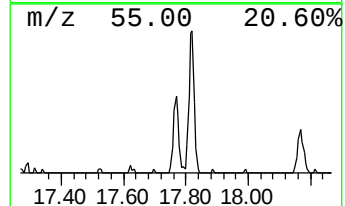
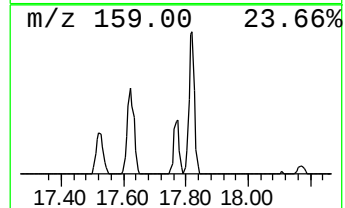
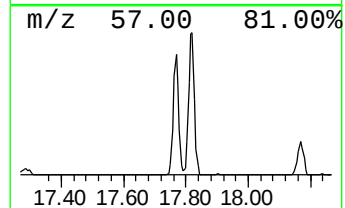
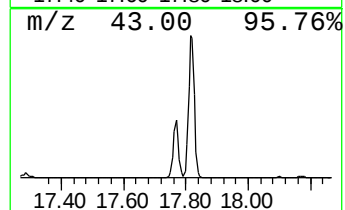
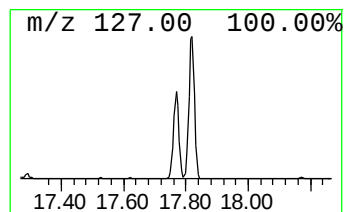
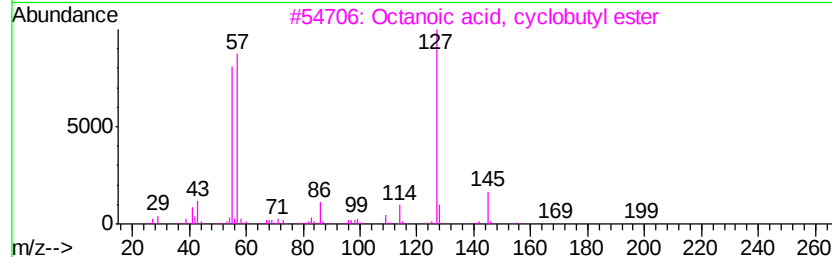
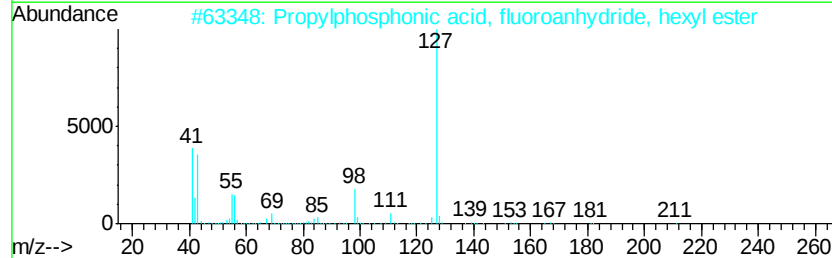
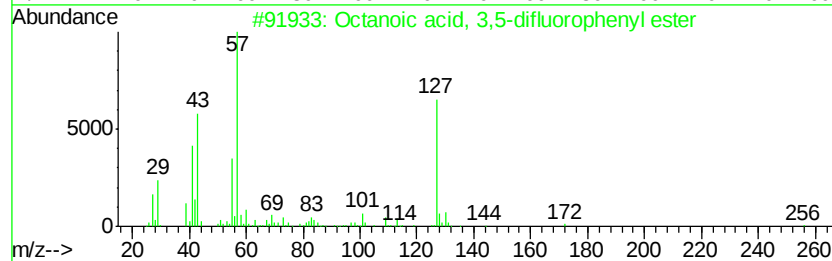
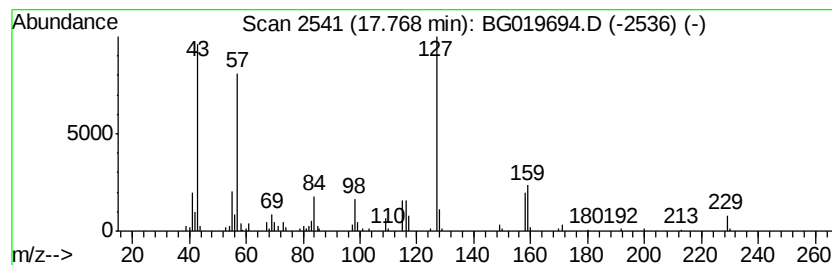
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 5 unknown-01 Concentration Rank 11

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 17.77 | 3.72 ng/ul | 125408 | Phenanthrene-d10 | 17.52 |

| Hit# of | 5 | Tentative ID                        | MW  | MolForm    | CAS#         | Qual |
|---------|---|-------------------------------------|-----|------------|--------------|------|
| 1       |   | Octanoic acid, 3,5-difluoropheny... | 256 | C14H18F2O2 | 1000293-62-4 | 47   |
| 2       |   | Propylphosphonic acid, fluoroanh... | 210 | C9H20F02P  | 333416-18-5  | 38   |
| 3       |   | Octanoic acid, cyclobutyl ester     | 198 | C12H22O2   | 1000282-86-6 | 38   |
| 4       |   | Propylphosphonic acid, fluoroanh... | 224 | C10H22F02P | 333416-19-6  | 38   |
| 5       |   | Phosphonofluoridic acid, (1-meth... | 238 | C11H24F02P | 333416-34-5  | 38   |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG111715\  
Data File : BG019694.D  
Acq On : 18 Nov 2015 14:32  
Operator : UM/NP  
Sample : G4374-18  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
BC764

Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG111615.M  
Quant Title : SVOA CALIBRATION

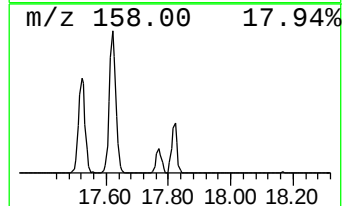
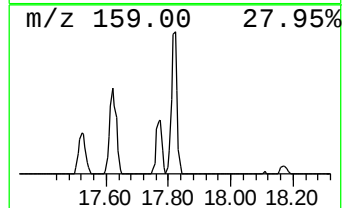
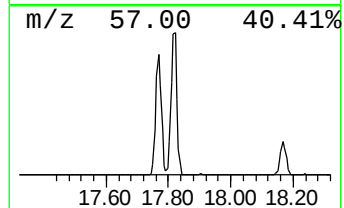
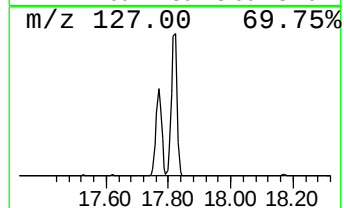
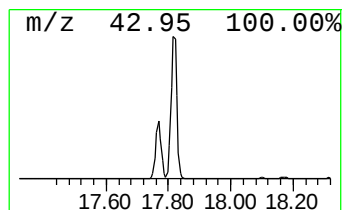
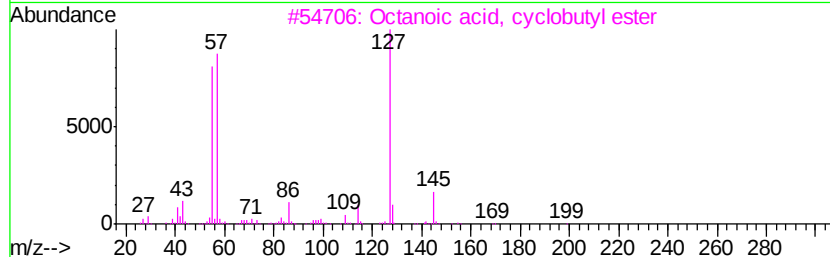
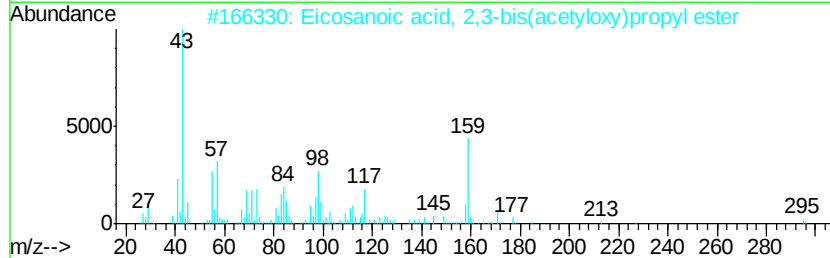
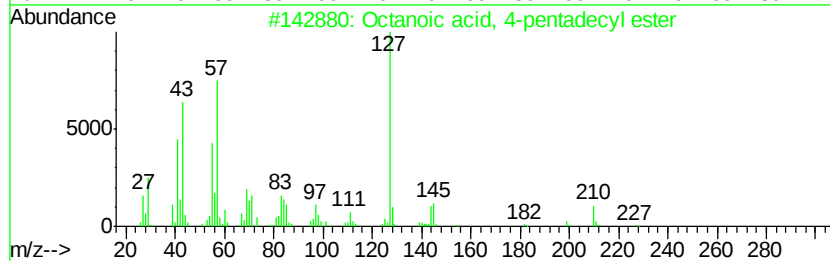
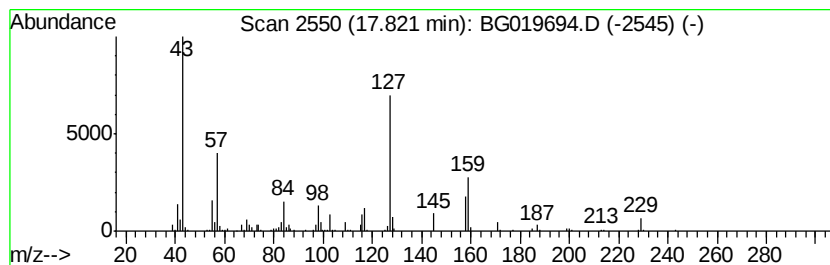
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 6 unknown-02 Concentration Rank 6

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 17.82 | 7.55 ng/ul | 254393 | Phenanthrene-d10 | 17.52 |

| Hit# | of | Tentative ID                                                                 | MW  | MolForm        | CAS#         | Qual |
|------|----|------------------------------------------------------------------------------|-----|----------------|--------------|------|
| 1    | 5  | Octanoic acid, 4-pentadecyl ester                                            | 354 | C23H46O2       | 1000280-63-2 | 37   |
| 2    |    | Eicosanoic acid, 2,3-bis(acetyloxy)propyl ester                              | 470 | C27H50O6       | 055429-67-9  | 32   |
| 3    |    | Octanoic acid, cyclobutyl ester                                              | 198 | C12H22O2       | 1000282-86-6 | 25   |
| 4    |    | Urea, 1-(4-chlorophenyl)-3-phenyl-1,1,1-trifluoro-2,2,2-trifluoroethyl ester | 328 | C14H11ClF2N2OS | 286009-64-1  | 23   |
| 5    |    | Octanoic acid, 6-ethyl-3-octyl ester                                         | 284 | C18H36O2       | 1000282-67-8 | 17   |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG111715\  
Data File : BG019694.D  
Acq On : 18 Nov 2015 14:32  
Operator : UM/NP  
Sample : G4374-18  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
BC764

Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG111615.M  
Quant Title : SVOA CALIBRATION

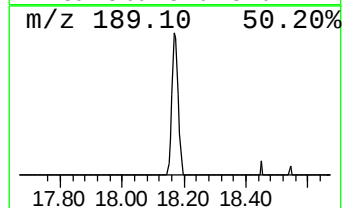
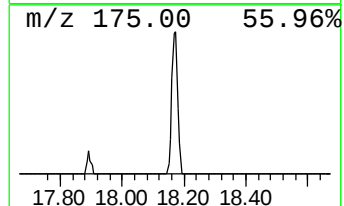
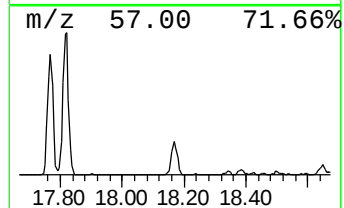
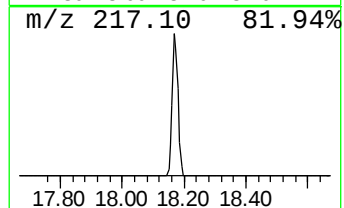
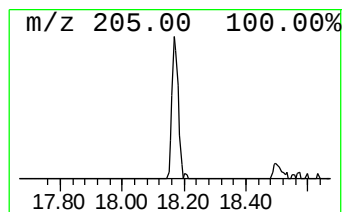
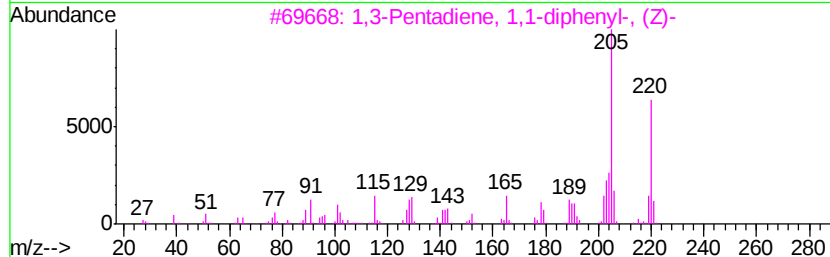
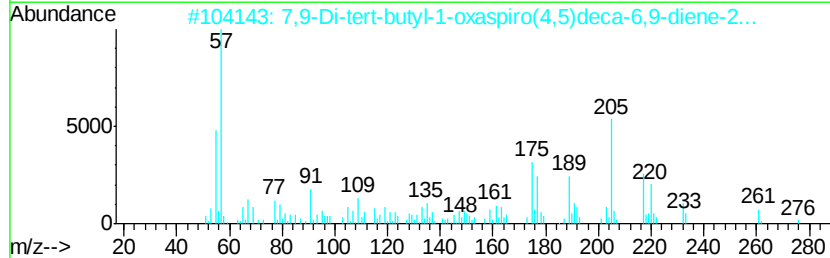
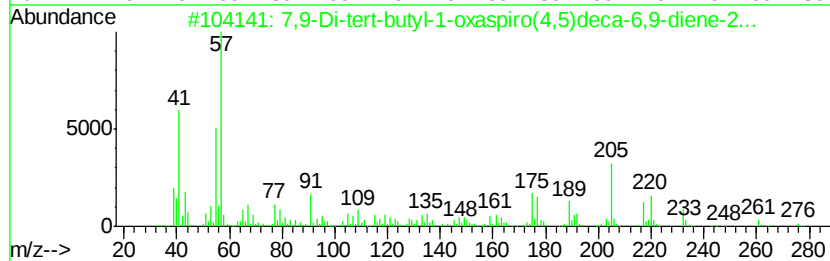
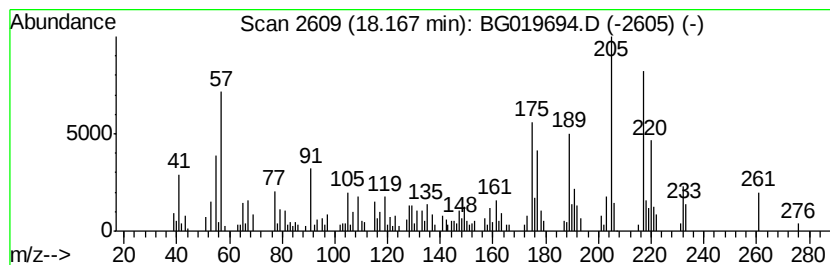
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 7 7,9-Di-tert-butyl-1-oxaspiro... Concentration Rank 14

| R.T.  | EstConc    | Area  | Relative to ISTD | R.T.  |
|-------|------------|-------|------------------|-------|
| 18.17 | 2.79 ng/ul | 93997 | Phenanthrene-d10 | 17.52 |

| Hit# | of | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|-------------------------------------|-----|----------|-------------|------|
| 1    | 5  | 7,9-Di-tert-butyl-1-oxaspiro(4,5... | 276 | C17H24O3 | 082304-66-3 | 93   |
| 2    |    | 7,9-Di-tert-butyl-1-oxaspiro(4,5... | 276 | C17H24O3 | 082304-66-3 | 93   |
| 3    |    | 1,3-Pentadiene, 1,1-diphenyl-, (Z)- | 220 | C17H16   | 015295-31-5 | 70   |
| 4    |    | 7,9-Di-tert-butyl-1-oxaspiro(4,5... | 276 | C17H24O3 | 082304-66-3 | 70   |
| 5    |    | 1,3-Pentadiene, 1,1-diphenyl-, (Z)- | 220 | C17H16   | 015295-31-5 | 52   |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG111715\  
Data File : BG019694.D  
Acq On : 18 Nov 2015 14:32  
Operator : UM/NP  
Sample : G4374-18  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
BC764

Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG111615.M  
Quant Title : SVOA CALIBRATION

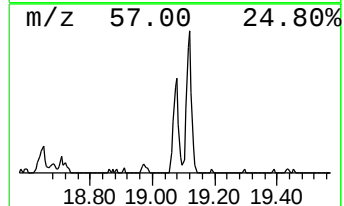
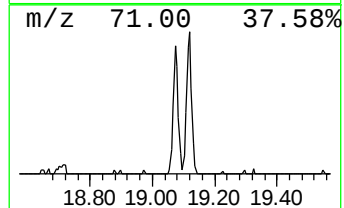
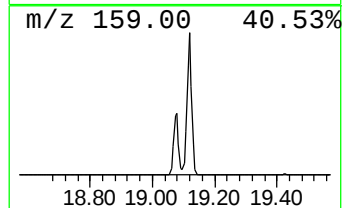
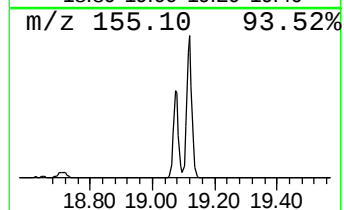
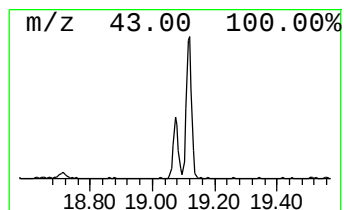
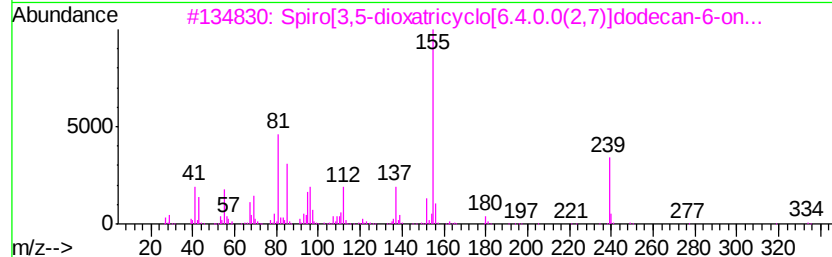
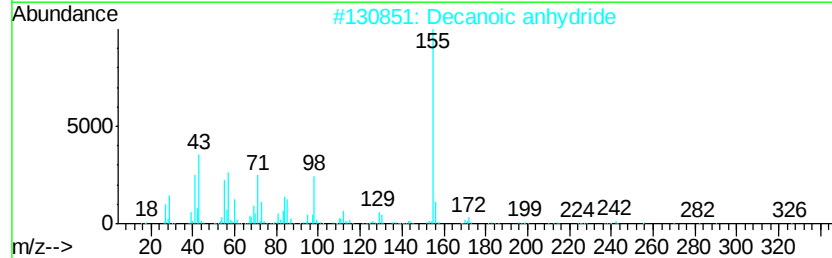
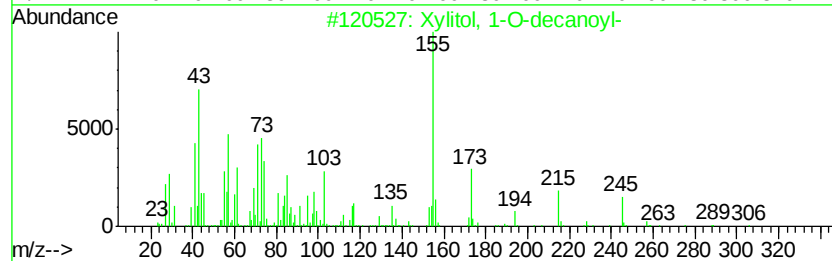
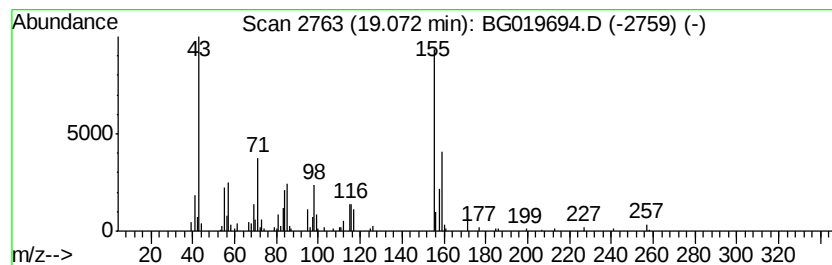
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 8 unknown-03 Concentration Rank 12

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 19.07 | 3.69 ng/ul | 124210 | Phenanthrene-d10 | 17.52 |

| Hit# | of | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|-------------------------------------|-----|----------|--------------|------|
| 1    | 5  | Xylitol, 1-O-decanoyl-              | 306 | C15H30O6 | 1000155-78-0 | 40   |
| 2    |    | Decanoic anhydride                  | 326 | C20H38O3 | 002082-76-0  | 37   |
| 3    |    | Spiro[3.5-dioxatricyclo[6.4.0.0(... | 334 | C21H34O3 | 1000158-28-2 | 32   |
| 4    |    | Hexadecanoic acid, 9,10,16-trihy... | 304 | C16H32O5 | 000533-87-9  | 27   |
| 5    |    | [1,1'-Bicyclohexyl]-1,1'-diol, 3... | 310 | C20H38O2 | 068525-22-4  | 27   |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG111715\  
Data File : BG019694.D  
Acq On : 18 Nov 2015 14:32  
Operator : UM/NP  
Sample : G4374-18  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
BC764

Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG111615.M  
Quant Title : SVOA CALIBRATION

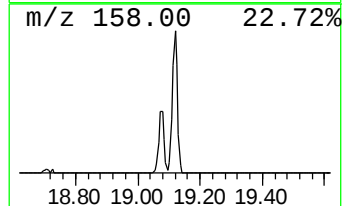
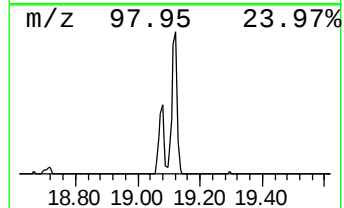
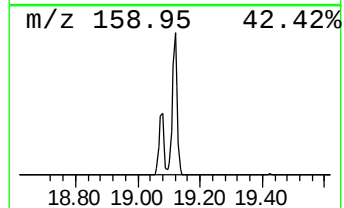
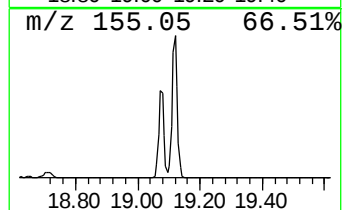
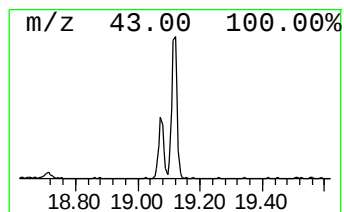
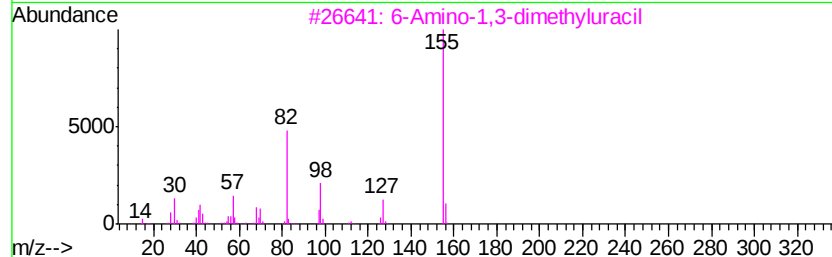
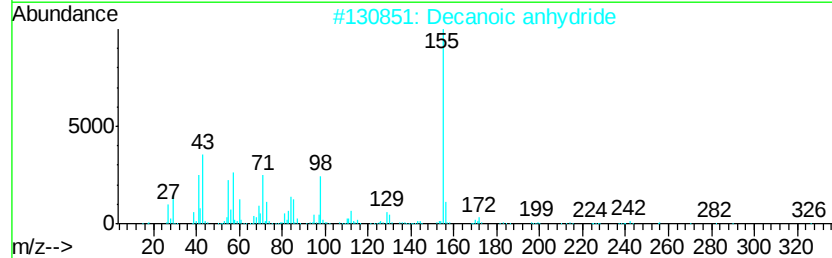
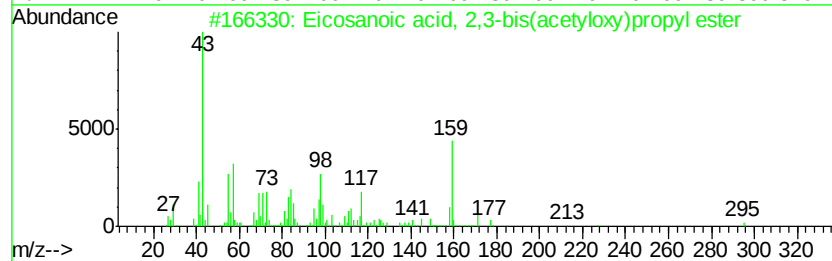
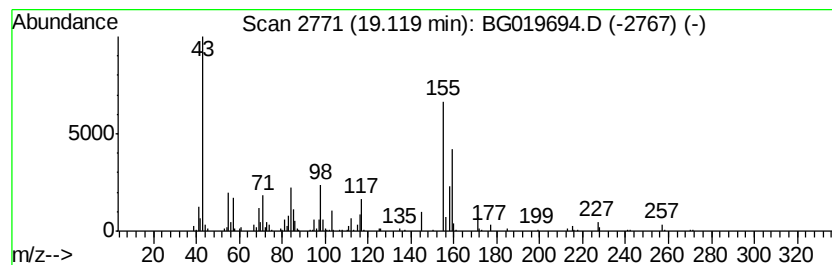
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 9 unknown-04 Concentration Rank 7

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 19.12 | 7.07 ng/ul | 238257 | Phenanthrene-d10 | 17.52 |

| Hit# | of | Tentative ID                        | MW  | MolForm   | CAS#        | Qual |
|------|----|-------------------------------------|-----|-----------|-------------|------|
| 1    | 5  | Eicosanoic acid, 2,3-bis(acetylo... | 470 | C27H50O6  | 055429-67-9 | 33   |
| 2    |    | Decanoic anhydride                  | 326 | C20H38O3  | 002082-76-0 | 25   |
| 3    |    | 6-Amino-1,3-dimethyluracil          | 155 | C6H9N3O2  | 006642-31-5 | 10   |
| 4    |    | Decanoyl chloride                   | 190 | C10H19ClO | 000112-13-0 | 10   |
| 5    |    | Propanal, 2-methyl-, bis(2-methy... | 198 | C12H26N2  | 034687-36-0 | 10   |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG111715\  
Data File : BG019694.D  
Acq On : 18 Nov 2015 14:32  
Operator : UM/NP  
Sample : G4374-18  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

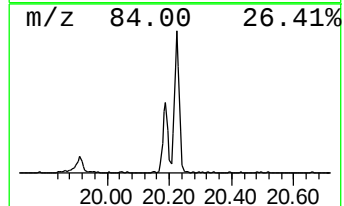
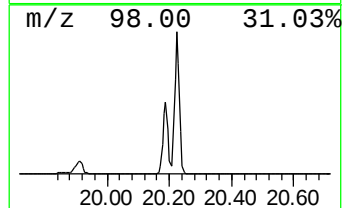
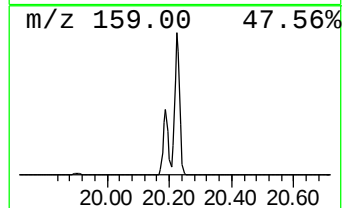
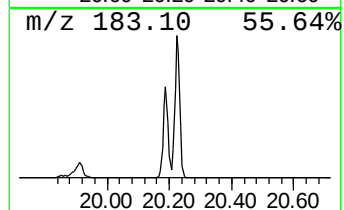
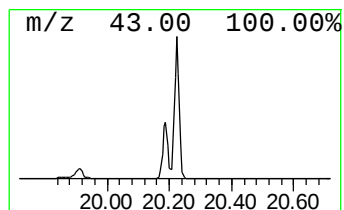
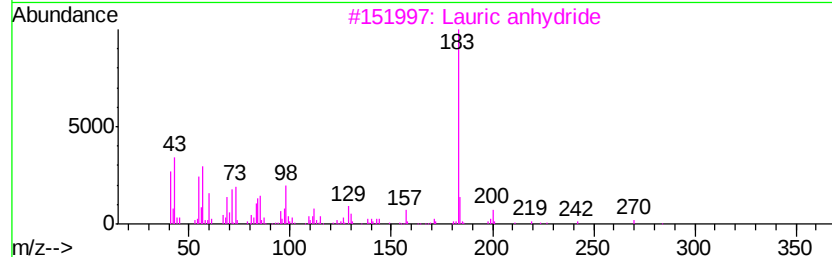
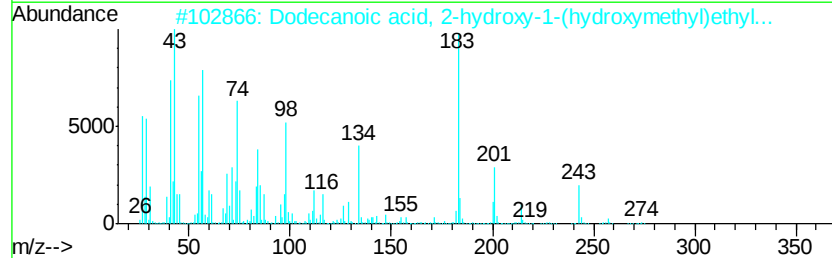
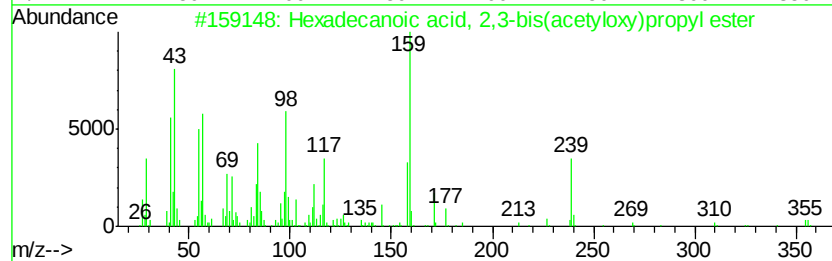
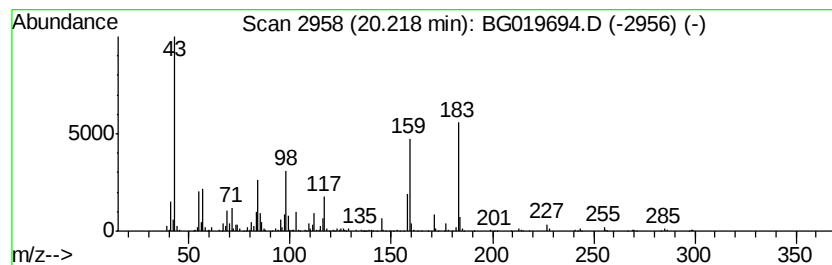
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BNA\_G  
ClientSampleId :  
BC764

Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG111615.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 11 Hexadecanoic acid, 2,3-bis(...) Concentration Rank 1

| R.T.    | EstConc     | Area                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           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| Hit# of | 5           | Tentative ID                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | MW               | MolForm | CAS# | Qual |
| 1       |             | Hexadecanoic acid, 2,3-bis(acetyloxy)-1-hydroxy-2-methyl-3-oxo-4-oxo-5-oxo-6-oxo-7-oxo-8-oxo-9-oxo-10-oxo-11-oxo-12-oxo-13-oxo-14-oxo-15-oxo-16-oxo-17-oxo-18-oxo-19-oxo-20-oxo-21-oxo-22-oxo-23-oxo-24-oxo-25-oxo-26-oxo-27-oxo-28-oxo-29-oxo-30-oxo-31-oxo-32-oxo-33-oxo-34-oxo-35-oxo-36-oxo-37-oxo-38-oxo-39-oxo-40-oxo-41-oxo-42-oxo-43-oxo-44-oxo-45-oxo-46-oxo-47-oxo-48-oxo-49-oxo-50-oxo-51-oxo-52-oxo-53-oxo-54-oxo-55-oxo-56-oxo-57-oxo-58-oxo-59-oxo-60-oxo-61-oxo-62-oxo-63-oxo-64-oxo-65-oxo-66-oxo-67-oxo-68-oxo-69-oxo-70-oxo-71-oxo-72-oxo-73-oxo-74-oxo-75-oxo-76-oxo-77-oxo-78-oxo-79-oxo-80-oxo-81-oxo-82-oxo-83-oxo-84-oxo-85-oxo-86-oxo-87-oxo-88-oxo-89-oxo-90-oxo-91-oxo-92-oxo-93-oxo-94-oxo-95-oxo-96-oxo-97-oxo-98-oxo-99-oxo-100-oxo-101-oxo-102-oxo-103-oxo-104-oxo-105-oxo-106-oxo-107-oxo-108-oxo-109-oxo-110-oxo-111-oxo-112-oxo-113-oxo-114-oxo-115-oxo-116-oxo-117-oxo-118-oxo-119-oxo-120-oxo-121-oxo-122-oxo-123-oxo-124-oxo-125-oxo-126-oxo-127-oxo-128-oxo-129-oxo-130-oxo-131-oxo-132-oxo-133-oxo-134-oxo-135-oxo-136-oxo-137-oxo-138-oxo-139-oxo-140-oxo-141-oxo-142-oxo-143-oxo-144-oxo-145-oxo-146-oxo-147-oxo-148-oxo-149-oxo-150-oxo-151-oxo-152-oxo-153-oxo-154-oxo-155-oxo-156-oxo-157-oxo-158-oxo-159-oxo-160-oxo-161-oxo-162-oxo-163-oxo-164-oxo-165-oxo-166-oxo-167-oxo-168-oxo-169-oxo-170-oxo-171-oxo-172-oxo-173-oxo-174-oxo-175-oxo-176-oxo-177-oxo-178-oxo-179-oxo-180-oxo-181-oxo-182-oxo-183-oxo-184-oxo-185-oxo-186-oxo-187-oxo-188-oxo-189-oxo-190-oxo-191-oxo-192-oxo-193-oxo-194-oxo-195-oxo-196-oxo-197-oxo-198-oxo-199-oxo-200-oxo-201-oxo-202-oxo-203-oxo-204-oxo-205-oxo-206-oxo-207-oxo-208-oxo-209-oxo-210-oxo-211-oxo-212-oxo-213-oxo-214-oxo-215-oxo-216-oxo-217-oxo-218-oxo-219-oxo-220-oxo-221-oxo-222-oxo-223-oxo-224-oxo-225-oxo-226-oxo-227-oxo-228-oxo-229-oxo-230-oxo-231-oxo-232-oxo-233-oxo-234-oxo-235-oxo-236-oxo-237-oxo-238-oxo-239-oxo-240-oxo-241-oxo-242-oxo-243-oxo-244-oxo-245-oxo-246-oxo-247-oxo-248-oxo-249-oxo-250-oxo-251-oxo-252-oxo-253-oxo-254-oxo-255-oxo-256-oxo-257-oxo-258-oxo-259-oxo-260-oxo-261-oxo-262-oxo-263-oxo-264-oxo-265-oxo-266-oxo-267-oxo-268-oxo-269-oxo-270-oxo-271-oxo-272-oxo-273-oxo-274-oxo-275-oxo-276-oxo-277-oxo-278-oxo-279-oxo-280-oxo-281-oxo-282-oxo-283-oxo-284-oxo-285-oxo-286-oxo-287-oxo-288-oxo-289-oxo-290-oxo-291-oxo-292-oxo-293-oxo-294-oxo-295-oxo-296-oxo-297-oxo-298-oxo-299-oxo-300-oxo-301-oxo-302-oxo-303-oxo-304-oxo-305-oxo-306-oxo-307-oxo-308-oxo-309-oxo-310-oxo-311-oxo-312-oxo-313-oxo-314-oxo-315-oxo-316-oxo-317-oxo-318-oxo-319-oxo-320-oxo-321-oxo-322-oxo-323-oxo-324-oxo-325-oxo-326-oxo-327-oxo-328-oxo-329-oxo-330-oxo-331-oxo-332-oxo-333-oxo-334-oxo-335-oxo-336-oxo-337-oxo-338-oxo-339-oxo-340-oxo-341-oxo-342-oxo-343-oxo-344-oxo-345-oxo-346-oxo-347-oxo-348-oxo-349-oxo-350-oxo-351-oxo-352-oxo-353-oxo-354-oxo-355-oxo-356-oxo-357-oxo-358-oxo-359-oxo-360-oxo-361-oxo-362-oxo-363-oxo-364-oxo-365-oxo-366-oxo-367-oxo-368-oxo-369-oxo-370-oxo-371-oxo-372-oxo-373-oxo-374-oxo-375-oxo-376-oxo-377-oxo-378-oxo-379-oxo-380-oxo-381-oxo-382-oxo-383-oxo-384-oxo-385-oxo-386-oxo-387-oxo-388-oxo-389-oxo-390-oxo-391-oxo-392-oxo-393-oxo-394-oxo-395-oxo-396-oxo-397-oxo-398-oxo-399-oxo-400-oxo-401-oxo-402-oxo-403-oxo-404-oxo-405-oxo-406-oxo-407-oxo-408-oxo-409-oxo-410-oxo-411-oxo-412-oxo-413-oxo-414-oxo-415-oxo-416-oxo-417-oxo-418-oxo-419-oxo-420-oxo-421-oxo-422-oxo-423-oxo-424-oxo-425-oxo-426-oxo-427-oxo-428-oxo-429-oxo-430-oxo-431-oxo-432-oxo-433-oxo-434-oxo-435-oxo-436-oxo-437-oxo-438-oxo-439-oxo-440-oxo-441-oxo-442-oxo-443-oxo-444-oxo-445-oxo-446-oxo-447-oxo-448-oxo-449-oxo-450-oxo-451-oxo-452-oxo-453-oxo-454-oxo-455-oxo-456-oxo-457-oxo-458-oxo-459-oxo-460-oxo-461-oxo-462-oxo-463-oxo-464-oxo-465-oxo-466-oxo-467-oxo-468-oxo-469-oxo-470-oxo-471-oxo-472-oxo-473-oxo-474-oxo-475-oxo-476-oxo-477-oxo-478-oxo-479-oxo-480-oxo-481-oxo-482-oxo-483-oxo-484-oxo-485-oxo-486-oxo-487-oxo-488-oxo-489-oxo-490-oxo-491-oxo-492-oxo-493-oxo-494-oxo-495-oxo-496-oxo-497-oxo-498-oxo-499-oxo-500-oxo-501-oxo-502-oxo-503-oxo-504-oxo-505-oxo-506-oxo-507-oxo-508-oxo-509-oxo-510-oxo-511-oxo-512-oxo-513-oxo-514-oxo-515-oxo-516-oxo-517-oxo-518-oxo-519-oxo-520-oxo-521-oxo-522-oxo-523-oxo-524-oxo-525-oxo-526-oxo-527-oxo-528-oxo-529-oxo-530-oxo-531-oxo-532-oxo-533-oxo-534-oxo-535-oxo-536-oxo-537-oxo-538-oxo-539-oxo-540-oxo-541-oxo-542-oxo-543-oxo-544-oxo-545-oxo-546-oxo-547-oxo-548-oxo-549-oxo-550-oxo-551-oxo-552-oxo-553-oxo-554-oxo-555-oxo-556-oxo-557-oxo-558-oxo-559-oxo-560-oxo-561-oxo-562-oxo-563-oxo-564-oxo-565-oxo-566-oxo-567-oxo-568-oxo-569-oxo-570-oxo-571-oxo-572-oxo-573-oxo-574-oxo-575-oxo-576-oxo-577-oxo-578-oxo-579-oxo-580-oxo-581-oxo-582-oxo-583-oxo-584-oxo-585-oxo-586-oxo-587-oxo-588-oxo-589-oxo-590-oxo-591-oxo-592-oxo-593-oxo-594-oxo-595-oxo-596-oxo-597-oxo-598-oxo-599-oxo-600-oxo-601-oxo-602-oxo-603-oxo-604-oxo-605-oxo-606-oxo-607-oxo-608-oxo-609-oxo-610-oxo-611-oxo-612-oxo-613-oxo-614-oxo-615-oxo-616-oxo-617-oxo-618-oxo-619-oxo-620-oxo-621-oxo-622-oxo-623-oxo-624-oxo-625-oxo-626-oxo-627-oxo-628-oxo-629-oxo-630-oxo-631-oxo-632-oxo-633-oxo-634-oxo-635-oxo-63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Acq On : 18 Nov 2015 14:32  
Operator : UM/NP  
Sample : G4374-18  
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Instrument :  
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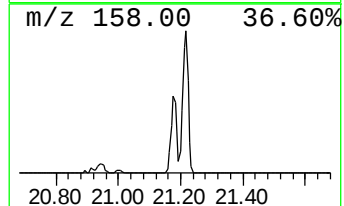
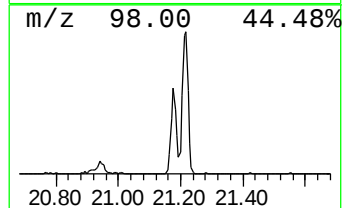
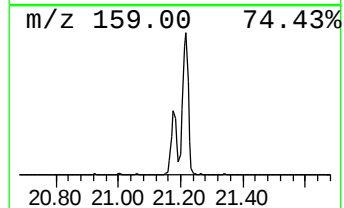
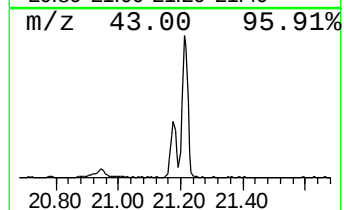
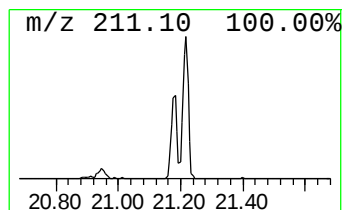
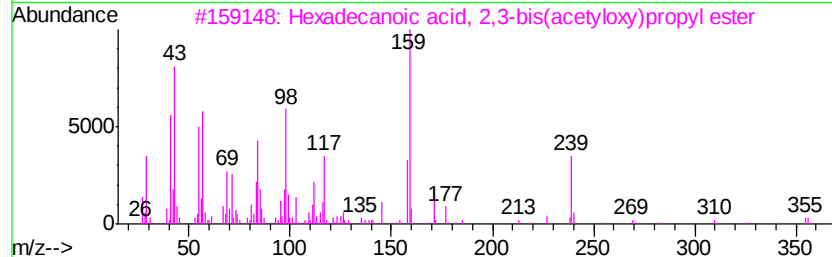
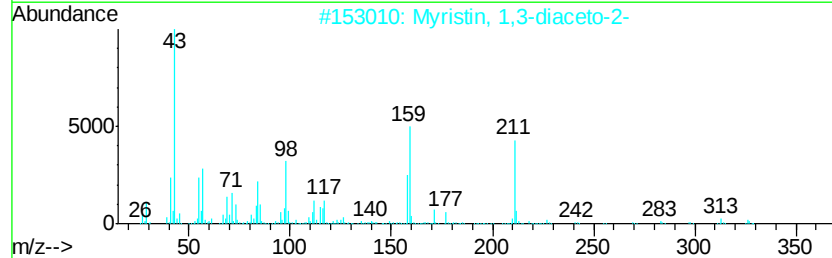
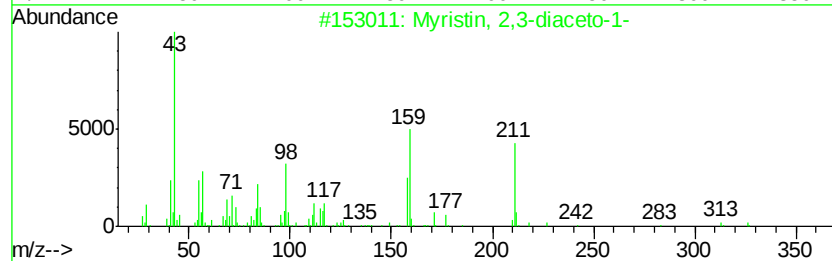
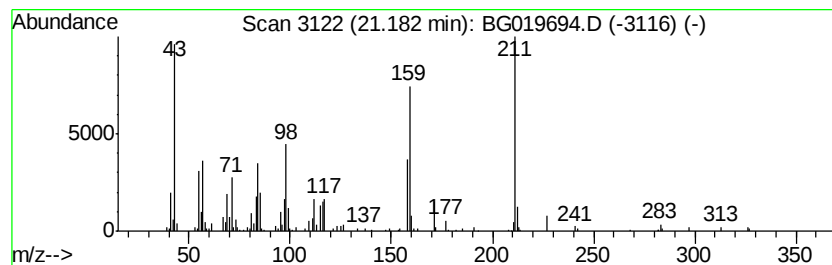
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 12 Myristin, 2,3-diaceto-1- Concentration Rank 9

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 21.18 | 5.23 ng/ul | 234226 | Chrysene-d12     | 21.79 |

| Hit# | of | Tentative ID                                      | MW  | MolForm   | CAS#        | Qual |
|------|----|---------------------------------------------------|-----|-----------|-------------|------|
| 1    | 5  | Myristin, 2,3-diaceto-1-                          | 386 | C21H38O6  | 014473-55-3 | 91   |
| 2    |    | Myristin, 1,3-diaceto-2-                          | 386 | C21H38O6  | 014290-23-4 | 90   |
| 3    |    | Hexadecanoic acid, 2,3-bis(acetyloxy)propyl ester | 414 | C23H42O6  | 055268-70-7 | 64   |
| 4    |    | Myristin, 2,3-diaceto-1-                          | 386 | C21H38O6  | 014473-55-3 | 38   |
| 5    |    | 1-Dodecanamine, N-methyl-N-nitroso-               | 228 | C13H28N2O | 055090-44-3 | 25   |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG111715\  
Data File : BG019694.D  
Acq On : 18 Nov 2015 14:32  
Operator : UM/NP  
Sample : G4374-18  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
BC764

Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG111615.M  
Quant Title : SVOA CALIBRATION

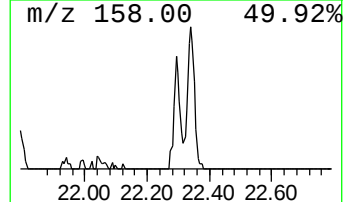
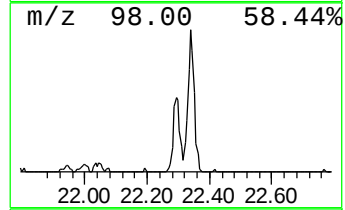
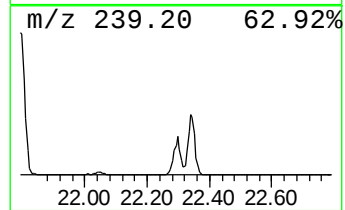
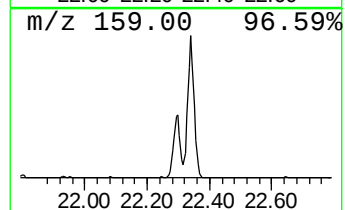
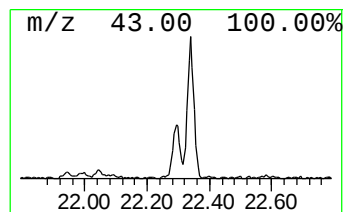
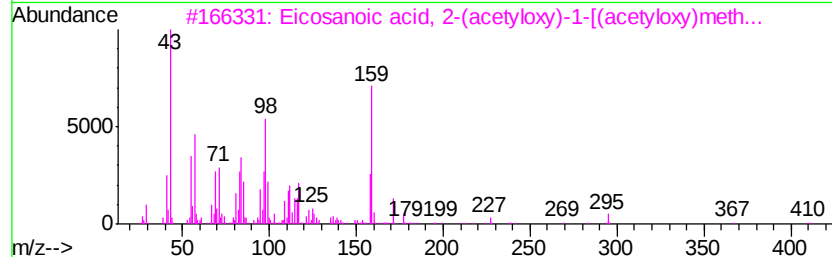
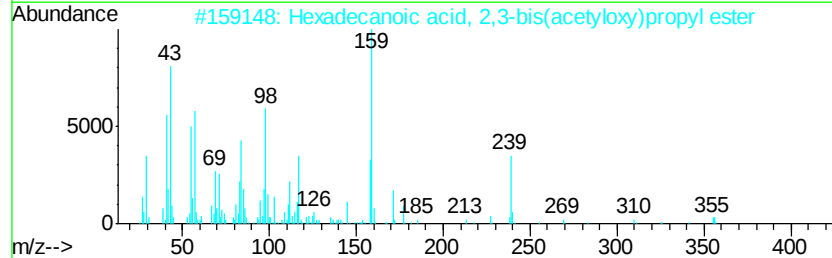
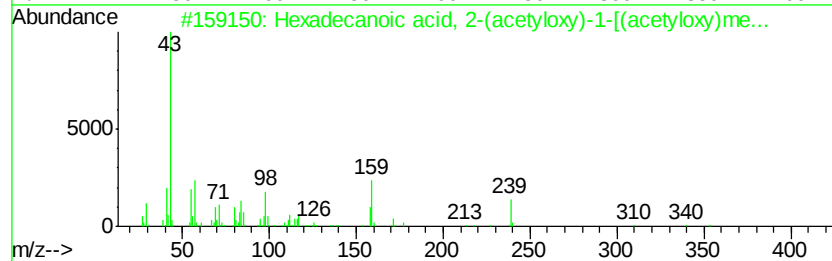
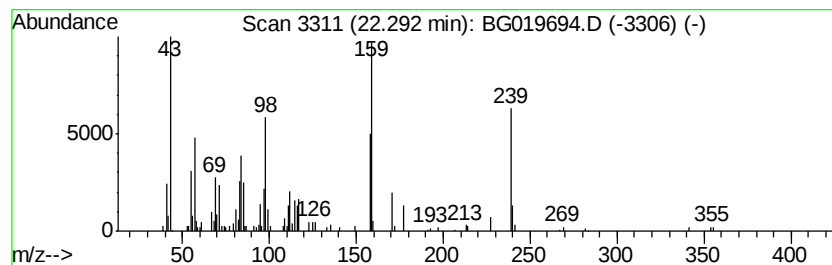
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 14 Hexadecanoic acid, 2-(acety... Concentration Rank 16

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 22.29 | 2.60 ng/ul | 116681 | Chrysene-d12     | 21.79 |

| Hit# | of | Tentative ID                        | MW  | MolForm    | CAS#         | Qual |
|------|----|-------------------------------------|-----|------------|--------------|------|
| 1    | 5  | Hexadecanoic acid, 2-(acetyloxy)... | 414 | C23H42O6   | 055268-69-4  | 91   |
| 2    |    | Hexadecanoic acid, 2,3-bis(acety... | 414 | C23H42O6   | 055268-70-7  | 72   |
| 3    |    | Eicosanoic acid, 2-(acetyloxy)-1... | 470 | C27H50O6   | 055429-68-0  | 47   |
| 4    |    | 2,3,4-Trifluorobenzoic acid, 6-e... | 316 | C17H23F3O2 | 1000282-58-3 | 27   |
| 5    |    | Palmitoyl chloride                  | 274 | C16H31ClO  | 000112-67-4  | 12   |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG111715\  
Data File : BG019694.D  
Acq On : 18 Nov 2015 14:32  
Operator : UM/NP  
Sample : G4374-18  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
BC764

Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG111615.M  
Quant Title : SVOA CALIBRATION

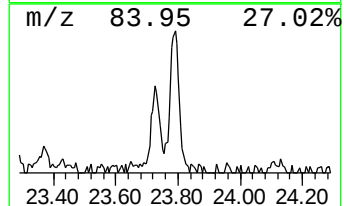
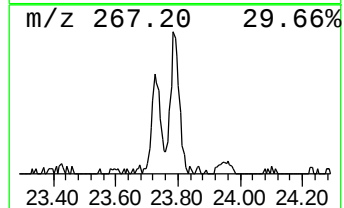
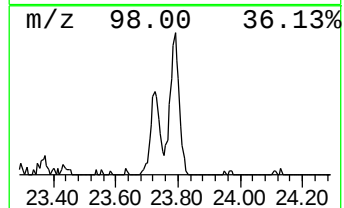
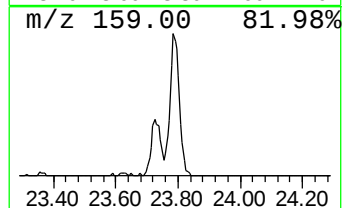
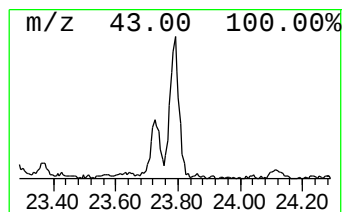
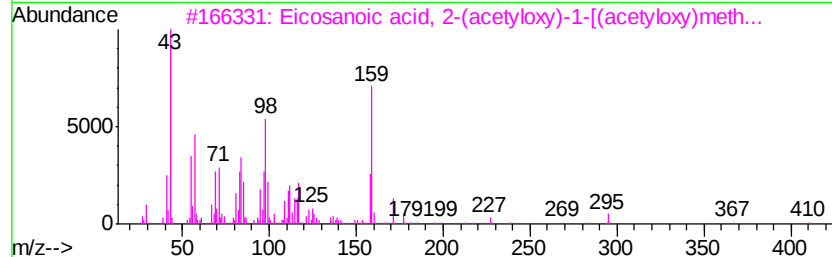
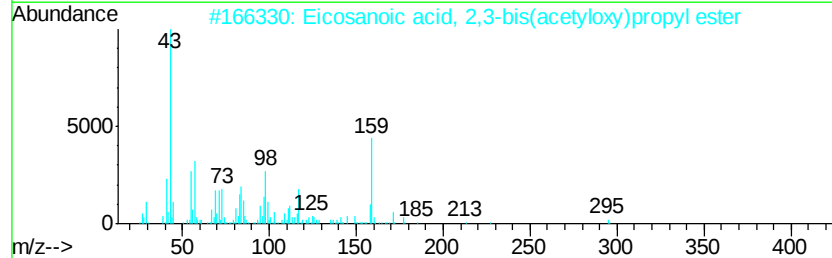
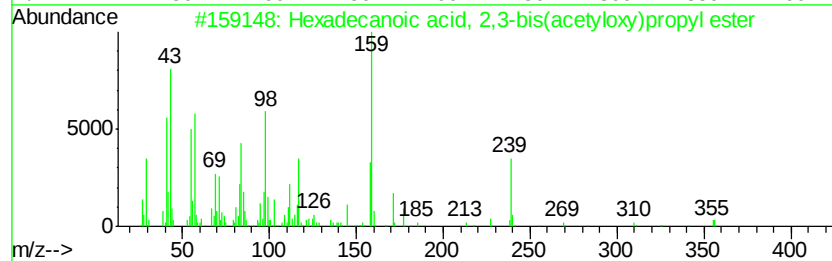
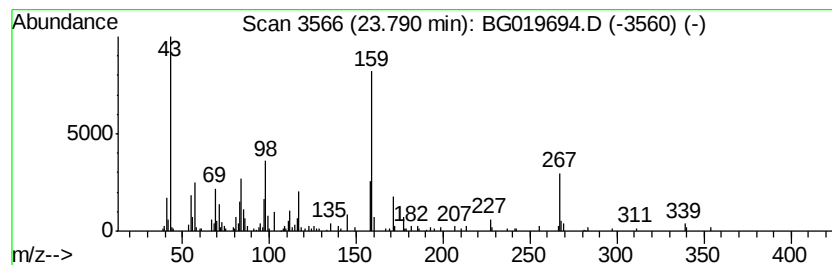
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 17 unknown-05 Concentration Rank 10

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 23.79 | 5.04 ng/ul | 217957 | Perylene-d12     | 25.11 |

| Hit# | of | 5 | Tentative ID                                               | MW  | MolForm    | CAS#         | Qual |
|------|----|---|------------------------------------------------------------|-----|------------|--------------|------|
| 1    |    |   | Hexadecanoic acid, 2,3-bis(acetyloxy)propyl ester          | 414 | C23H42O6   | 055268-70-7  | 43   |
| 2    |    |   | Eicosanoic acid, 2,3-bis(acetyloxy)propyl ester            | 470 | C27H50O6   | 055429-67-9  | 43   |
| 3    |    |   | Eicosanoic acid, 2-(acetyloxy)-1-[(acetyloxy)methyl] ester | 470 | C27H50O6   | 055429-68-0  | 39   |
| 4    |    |   | 2,3,4-Trifluorobenzoic acid, 3-propyl ester                | 386 | C22H33F3O2 | 1000280-62-2 | 32   |
| 5    |    |   | 2,3,4-Trifluorobenzoic acid, 2-isopropyl ester             | 310 | C16H13F3O2 | 1000293-72-8 | 27   |



Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG111715\  
Data File : BG019694.D  
Acq On : 18 Nov 2015 14:32  
Operator : UM/NP  
Sample : G4374-18  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
BC764

Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG111615.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 |
| Butane, 2-methoxy... | 3.17  | 16.0    | ng/ul | 132116   | 1                     | 8.15  | 164738 | 20.0 |
| Phenol, 2-methoxy-   | 9.25  | 2.8     | ng/ul | 23352    | 1                     | 8.15  | 164738 | 20.0 |
| Vanillin             | 13.70 | 2.8     | ng/ul | 65751    | 3                     | 14.78 | 476510 | 20.0 |
| unknown-01           | 17.77 | 3.7     | ng/ul | 125408   | 4                     | 17.52 | 673777 | 20.0 |
| unknown-02           | 17.82 | 7.5     | ng/ul | 254393   | 4                     | 17.52 | 673777 | 20.0 |
| 7,9-Di-tert-butyl... | 18.17 | 2.8     | ng/ul | 93997    | 4                     | 17.52 | 673777 | 20.0 |
| unknown-03           | 19.07 | 3.7     | ng/ul | 124210   | 4                     | 17.52 | 673777 | 20.0 |
| unknown-04           | 19.12 | 7.1     | ng/ul | 238257   | 4                     | 17.52 | 673777 | 20.0 |
| Hexadecanoic acid... | 20.22 | 26.7    | ng/ul | 1197630  | 5                     | 21.79 | 896094 | 20.0 |
| Myristin, 2,3-dia... | 21.18 | 5.2     | ng/ul | 234226   | 5                     | 21.79 | 896094 | 20.0 |
| Hexadecanoic acid... | 22.29 | 2.6     | ng/ul | 116681   | 5                     | 21.79 | 896094 | 20.0 |
| unknown-05           | 23.79 | 5.0     | ng/ul | 217957   | 6                     | 25.11 | 865503 | 20.0 |