

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030316\  
 Data File : BG021248.D  
 Acq On : 4 Mar 2016 00:14  
 Operator : UM/SJ  
 Sample : H1626-08  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 JHFJ5

## 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-BG030316.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         | 3.191       | 55            | 60          | 69           | rBV      | 25159          | 47465         | 12.46%          | 1.227%        |
| 2         | 3.267       | 69            | 73          | 80           | rVB      | 15801          | 23550         | 6.18%           | 0.609%        |
| 3         | 3.537       | 115           | 119         | 123          | rBV2     | 1025           | 1150          | 0.30%           | 0.030%        |
| 4         | 3.590       | 125           | 128         | 132          | rVB2     | 672            | 859           | 0.23%           | 0.022%        |
| 5         | 3.890       | 175           | 179         | 183          | rVB2     | 344            | 538           | 0.14%           | 0.014%        |
| 6         | 4.284       | 242           | 246         | 249          | rVV2     | 445            | 498           | 0.13%           | 0.013%        |
| 7         | 4.477       | 277           | 279         | 281          | rBV      | 437            | 385           | 0.10%           | 0.010%        |
| 8         | 4.712       | 316           | 319         | 321          | rVB      | 550            | 571           | 0.15%           | 0.015%        |
| 9         | 4.777       | 327           | 330         | 334          | rBV      | 554            | 759           | 0.20%           | 0.020%        |
| 10        | 4.830       | 337           | 339         | 343          | rVB      | 428            | 481           | 0.13%           | 0.012%        |
| 11        | 4.900       | 348           | 351         | 354          | rVB      | 553            | 542           | 0.14%           | 0.014%        |
| 12        | 4.983       | 362           | 365         | 368          | rBV      | 346            | 430           | 0.11%           | 0.011%        |
| 13        | 5.112       | 386           | 387         | 391          | rBB      | 424            | 391           | 0.10%           | 0.010%        |
| 14        | 7.280       | 750           | 756         | 762          | rBB2     | 13680          | 22096         | 5.80%           | 0.571%        |
| 15        | 7.450       | 779           | 785         | 793          | rBB      | 47914          | 78659         | 20.65%          | 2.033%        |
| 16        | 7.662       | 814           | 821         | 828          | rBB      | 48836          | 83091         | 21.81%          | 2.147%        |
| 17        | 8.132       | 894           | 901         | 907          | rVB      | 39759          | 65463         | 17.19%          | 1.692%        |
| 18        | 8.684       | 990           | 995         | 998          | rBB2     | 1241           | 1564          | 0.41%           | 0.040%        |
| 19        | 8.825       | 1013          | 1019        | 1026         | rBB      | 42999          | 69174         | 18.16%          | 1.788%        |
| 20        | 9.295       | 1091          | 1099        | 1106         | rBB      | 64668          | 113029        | 29.67%          | 2.921%        |
| 21        | 10.018      | 1215          | 1222        | 1229         | rBB      | 56679          | 97772         | 25.67%          | 2.527%        |
| 22        | 10.553      | 1307          | 1313        | 1321         | rBB      | 70225          | 120254        | 31.57%          | 3.108%        |
| 23        | 10.940      | 1372          | 1379        | 1386         | rVB      | 60132          | 106130        | 27.86%          | 2.743%        |
| 24        | 12.509      | 1643          | 1646        | 1649         | rBB      | 946            | 1121          | 0.29%           | 0.029%        |
| 25        | 13.614      | 1832          | 1834        | 1835         | rBV      | 1438           | 1141          | 0.30%           | 0.029%        |
| 26        | 14.143      | 1918          | 1924        | 1931         | rBB      | 151804         | 210902        | 55.37%          | 5.450%        |
| 27        | 14.436      | 1967          | 1974        | 1981         | rBB      | 164840         | 248434        | 65.22%          | 6.420%        |
| 28        | 14.742      | 2019          | 2026        | 2033         | rBB2     | 88057          | 143535        | 37.68%          | 3.709%        |
| 29        | 14.918      | 2051          | 2056        | 2062         | rBV2     | 14488          | 22009         | 5.78%           | 0.569%        |
| 30        | 15.541      | 2158          | 2162        | 2165         | rBB      | 242            | 392           | 0.10%           | 0.010%        |
| 31        | 15.729      | 2187          | 2194        | 2202         | rBB      | 206110         | 306843        | 80.56%          | 7.930%        |
| 32        | 15.835      | 2207          | 2212        | 2219         | rBB      | 84011          | 117946        | 30.96%          | 3.048%        |
| 33        | 15.958      | 2231          | 2233        | 2234         | rBV      | 926            | 825           | 0.22%           | 0.021%        |
| 34        | 16.604      | 2339          | 2343        | 2346         | rBB      | 974            | 1188          | 0.31%           | 0.031%        |

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 Title : SVOA CALIBRATION

|    |        |      |      |      |      |        |        |         |        |
|----|--------|------|------|------|------|--------|--------|---------|--------|
| 35 | 16.816 | 2377 | 2379 | 2381 | rVB  | 666    | 584    | 0.15%   | 0.015% |
| 36 | 16.857 | 2384 | 2386 | 2389 | rVB  | 392    | 391    | 0.10%   | 0.010% |
| 37 | 17.262 | 2452 | 2455 | 2458 | rBV  | 773    | 666    | 0.17%   | 0.017% |
| 38 | 17.474 | 2485 | 2491 | 2498 | rVB2 | 115243 | 170581 | 44.78%  | 4.408% |
| 39 | 17.574 | 2502 | 2508 | 2516 | rVB2 | 222773 | 329866 | 86.60%  | 8.525% |
| 40 | 17.815 | 2546 | 2549 | 2551 | rBV  | 489    | 444    | 0.12%   | 0.011% |
| 41 | 17.950 | 2570 | 2572 | 2577 | rBV  | 366    | 461    | 0.12%   | 0.012% |
| 42 | 18.344 | 2633 | 2639 | 2641 | rVV2 | 830    | 1167   | 0.31%   | 0.030% |
| 43 | 18.385 | 2643 | 2646 | 2648 | rBV2 | 458    | 440    | 0.12%   | 0.011% |
| 44 | 18.414 | 2648 | 2651 | 2655 | rBV2 | 565    | 1034   | 0.27%   | 0.027% |
| 45 | 18.449 | 2655 | 2657 | 2661 | rBV  | 485    | 516    | 0.14%   | 0.013% |
| 46 | 18.579 | 2676 | 2679 | 2683 | rBV  | 332    | 452    | 0.12%   | 0.012% |
| 47 | 18.819 | 2716 | 2720 | 2722 | rBV  | 399    | 625    | 0.16%   | 0.016% |
| 48 | 18.866 | 2727 | 2728 | 2730 | rBV  | 459    | 415    | 0.11%   | 0.011% |
| 49 | 18.884 | 2730 | 2731 | 2734 | rVB  | 518    | 392    | 0.10%   | 0.010% |
| 50 | 18.925 | 2736 | 2738 | 2740 | rVB2 | 443    | 413    | 0.11%   | 0.011% |
| 51 | 18.966 | 2743 | 2745 | 2748 | rBV2 | 735    | 824    | 0.22%   | 0.021% |
| 52 | 19.025 | 2751 | 2755 | 2757 | rBV3 | 541    | 771    | 0.20%   | 0.020% |
| 53 | 19.054 | 2757 | 2760 | 2761 | rBV  | 539    | 397    | 0.10%   | 0.010% |
| 54 | 19.072 | 2761 | 2763 | 2765 | rVB2 | 672    | 560    | 0.15%   | 0.014% |
| 55 | 19.101 | 2765 | 2768 | 2770 | rBV2 | 915    | 1084   | 0.28%   | 0.028% |
| 56 | 19.154 | 2775 | 2777 | 2781 | rVB3 | 555    | 732    | 0.19%   | 0.019% |
| 57 | 19.190 | 2781 | 2783 | 2784 | rBV  | 706    | 505    | 0.13%   | 0.013% |
| 58 | 19.201 | 2784 | 2785 | 2787 | rVB  | 753    | 524    | 0.14%   | 0.014% |
| 59 | 19.231 | 2787 | 2790 | 2792 | rBV2 | 990    | 862    | 0.23%   | 0.022% |
| 60 | 19.254 | 2792 | 2794 | 2796 | rVB2 | 537    | 385    | 0.10%   | 0.010% |
| 61 | 19.290 | 2796 | 2800 | 2803 | rBV3 | 1242   | 1843   | 0.48%   | 0.048% |
| 62 | 19.483 | 2829 | 2833 | 2835 | rBV3 | 1949   | 2760   | 0.72%   | 0.071% |
| 63 | 19.530 | 2840 | 2841 | 2842 | rBV  | 814    | 522    | 0.14%   | 0.013% |
| 64 | 19.589 | 2850 | 2851 | 2855 | rBV2 | 769    | 1123   | 0.29%   | 0.029% |
| 65 | 19.624 | 2855 | 2857 | 2859 | rVB  | 868    | 693    | 0.18%   | 0.018% |
| 66 | 19.683 | 2865 | 2867 | 2869 | rBV2 | 476    | 381    | 0.10%   | 0.010% |
| 67 | 19.713 | 2869 | 2872 | 2873 | rBV2 | 754    | 620    | 0.16%   | 0.016% |
| 68 | 19.736 | 2873 | 2876 | 2877 | rBV3 | 1038   | 1077   | 0.28%   | 0.028% |
| 69 | 19.848 | 2889 | 2895 | 2905 | rBV2 | 274618 | 380909 | 100.00% | 9.844% |
| 70 | 19.942 | 2908 | 2911 | 2914 | rBV4 | 1524   | 2393   | 0.63%   | 0.062% |
| 71 | 19.989 | 2917 | 2919 | 2921 | rBV2 | 922    | 884    | 0.23%   | 0.023% |

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 Title : SVOA CALIBRATION

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 72 | 21.740 | 3211 | 3217 | 3223 | rVB  | 128556 | 206033 | 54.09% | 5.325% |
| 73 | 22.074 | 3271 | 3274 | 3275 | rBV2 | 3692   | 3749   | 0.98%  | 0.097% |
| 74 | 22.139 | 3282 | 3285 | 3292 | rVB  | 6144   | 8783   | 2.31%  | 0.227% |
| 75 | 22.233 | 3298 | 3301 | 3308 | rVB  | 7637   | 13253  | 3.48%  | 0.343% |
| 76 | 22.380 | 3319 | 3326 | 3330 | rBV2 | 16524  | 43126  | 11.32% | 1.115% |
| 77 | 22.421 | 3331 | 3333 | 3340 | rVB2 | 16701  | 28681  | 7.53%  | 0.741% |
| 78 | 22.515 | 3344 | 3349 | 3355 | rBV  | 15564  | 27521  | 7.23%  | 0.711% |
| 79 | 22.674 | 3371 | 3376 | 3379 | rBV  | 12468  | 22019  | 5.78%  | 0.569% |
| 80 | 22.709 | 3379 | 3382 | 3388 | rVB2 | 15465  | 27467  | 7.21%  | 0.710% |
| 81 | 22.938 | 3416 | 3421 | 3426 | rVB  | 14837  | 25100  | 6.59%  | 0.649% |
| 82 | 23.238 | 3467 | 3472 | 3481 | rVB  | 28217  | 54004  | 14.18% | 1.396% |
| 83 | 23.408 | 3495 | 3501 | 3506 | rVB2 | 19726  | 39106  | 10.27% | 1.011% |
| 84 | 24.777 | 3724 | 3734 | 3743 | rVB  | 133269 | 361937 | 95.02% | 9.354% |
| 85 | 24.995 | 3761 | 3771 | 3780 | rBV3 | 75893  | 203312 | 53.38% | 5.254% |
| 86 | 25.106 | 3788 | 3790 | 3793 | rBV2 | 2327   | 2680   | 0.70%  | 0.069% |
| 87 | 26.123 | 3961 | 3963 | 3965 | rBV3 | 3635   | 3226   | 0.85%  | 0.083% |
| 88 | 28.684 | 4397 | 4399 | 4400 | rVB  | 3646   | 1992   | 0.52%  | 0.051% |

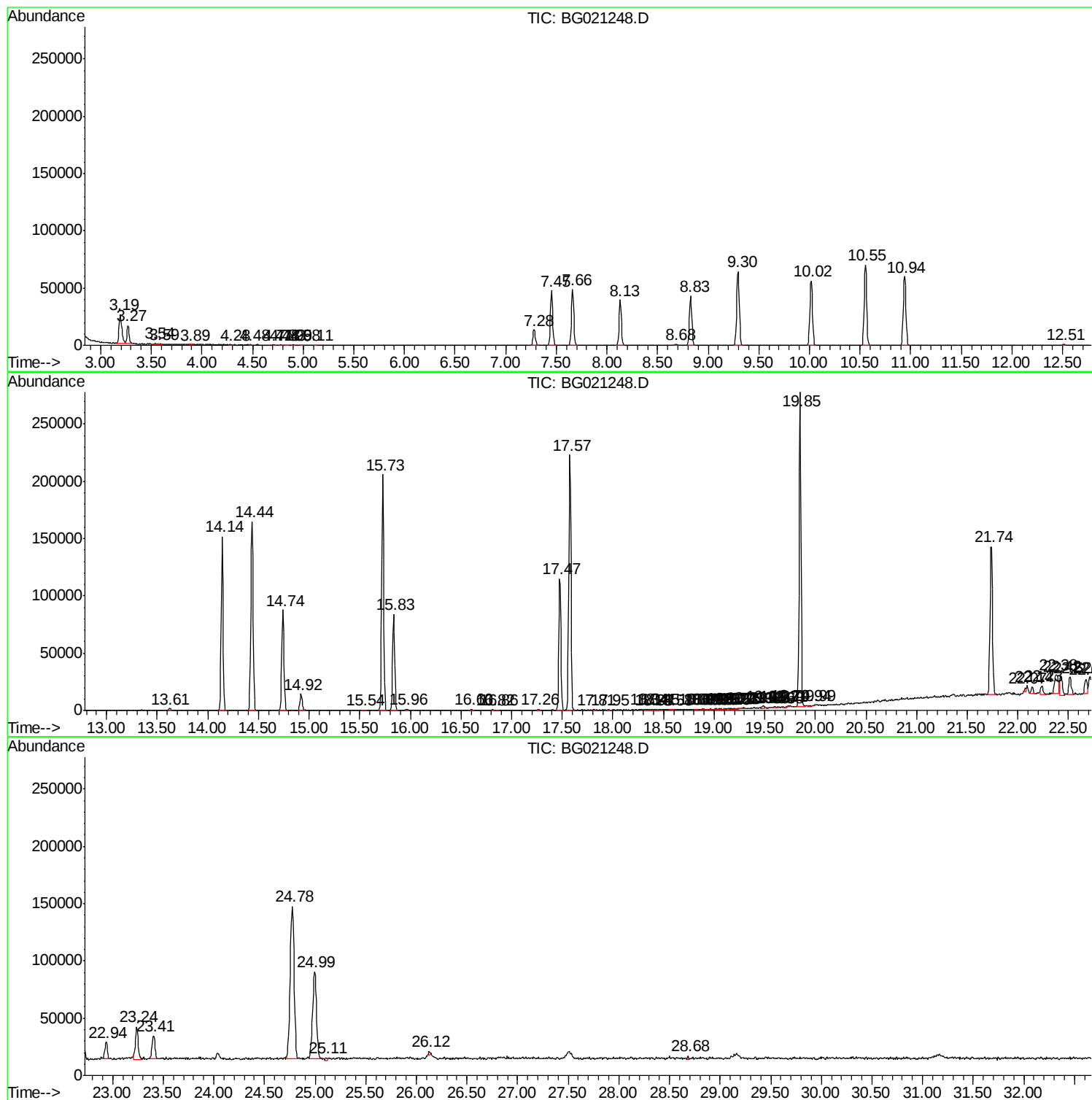
Sum of corrected areas: 3869472

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG030316.M  
Quant Title : SVOA CALIBRATION

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



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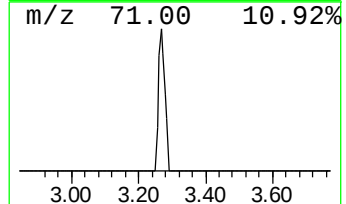
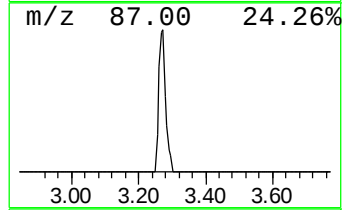
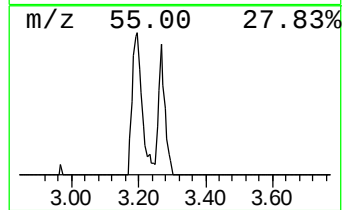
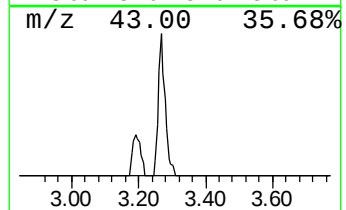
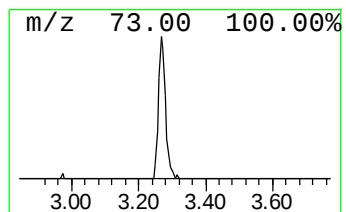
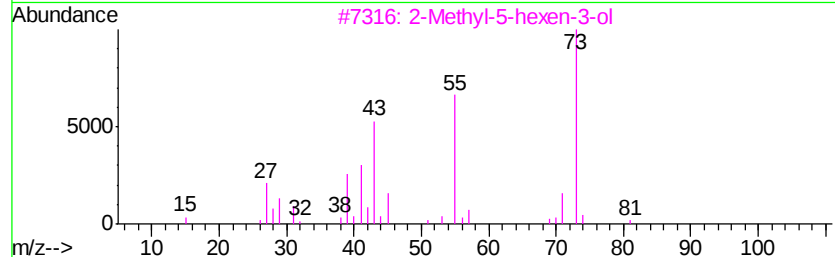
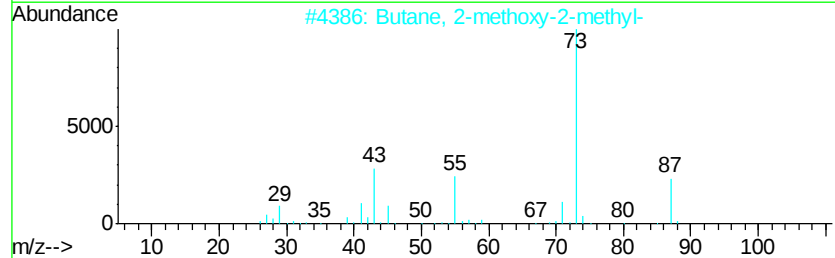
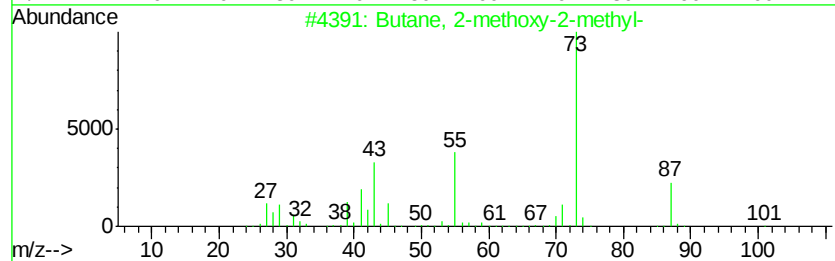
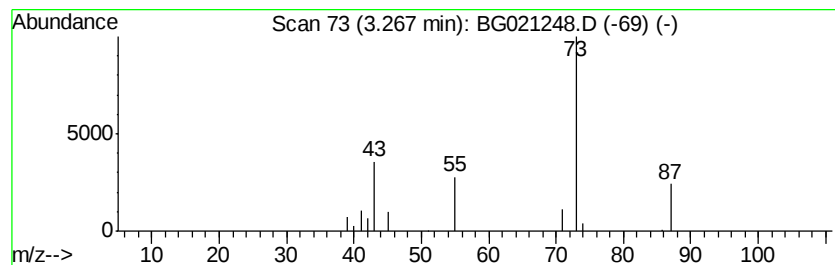
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG030316.M  
Quant Title : SVOA CALIBRATION

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. |
|------|------------|-------|------------------------|------|
| 3.27 | 7.19 ng/ul | 23550 | 1,4-Dichlorobenzene-d4 | 8.13 |

| Hit# | of | 5 | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------------|-----|---------|-------------|------|
| 1    |    |   | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 83   |
| 2    |    |   | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 78   |
| 3    |    |   | 2-Methyl-5-hexen-3-ol       | 114 | C7H14O  | 032815-70-6 | 9    |
| 4    |    |   | N-Ethylformamide            | 73  | C3H7NO  | 000627-45-2 | 5    |
| 5    |    |   | Acetamide, N-ethyl-         | 87  | C4H9NO  | 000625-50-3 | 5    |



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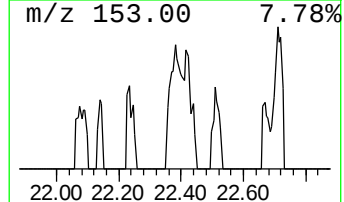
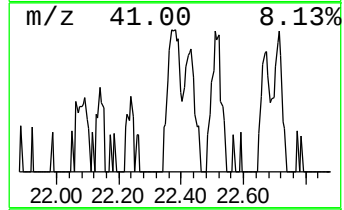
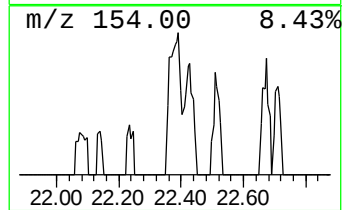
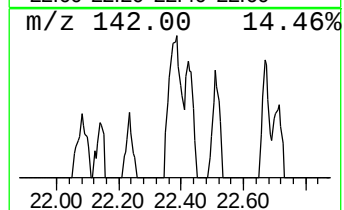
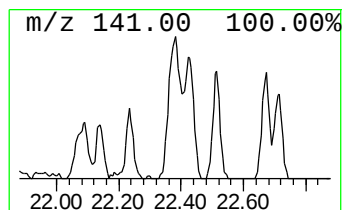
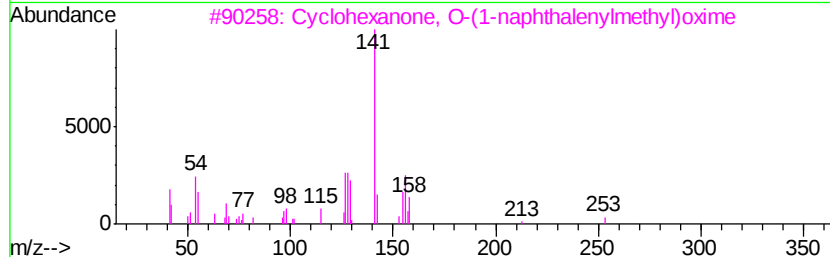
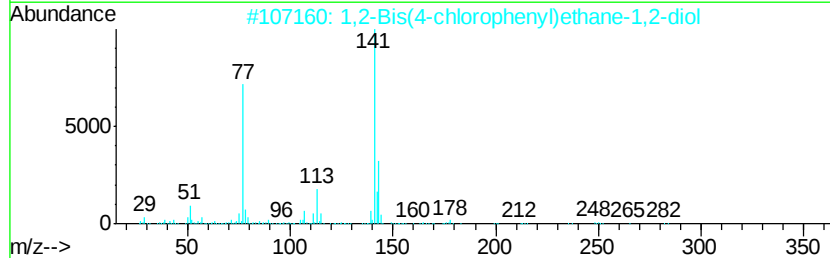
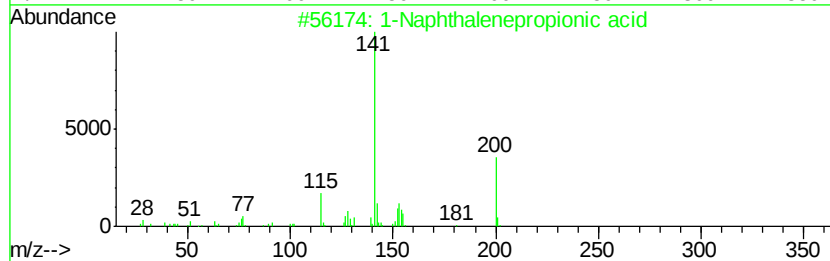
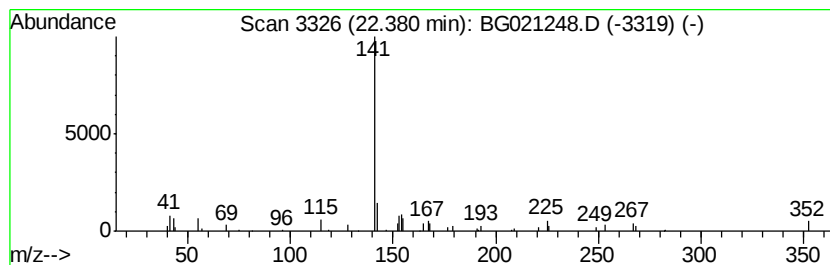
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 3 unknown-01 Concentration Rank 4

| R.T.  | EstConc    | Area  | Relative to ISTD | R.T.  |
|-------|------------|-------|------------------|-------|
| 22.38 | 4.19 ng/ul | 43126 | Chrysene-d12     | 21.74 |

| Hit# | of | Tentative ID                         | MW  | MolForm     | CAS#        | Qual |
|------|----|--------------------------------------|-----|-------------|-------------|------|
| 1    | 5  | 1-Naphthalenepropionic acid          | 200 | C13H12O2    | 003243-42-3 | 36   |
| 2    |    | 1,2-Bis(4-chlorophenyl)ethane-1,...  | 282 | C14H12Cl2O2 | 038152-44-2 | 9    |
| 3    |    | Cyclohexanone, O-(1-naphthalenyl...) | 253 | C17H19NO    | 055045-02-8 | 9    |
| 4    |    | Razoxane                             | 268 | C11H16N4O4  | 021416-87-5 | 9    |
| 5    |    | 1-But-3-enynaphthalene               | 182 | C14H14      | 002489-88-5 | 9    |



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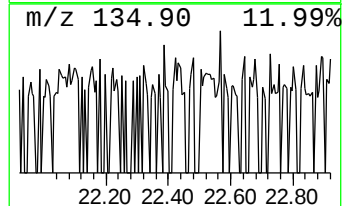
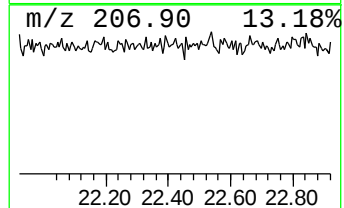
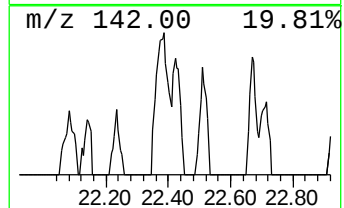
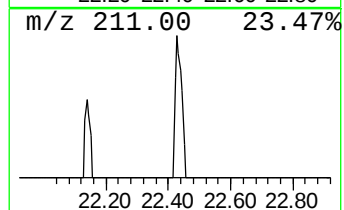
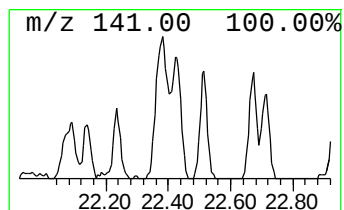
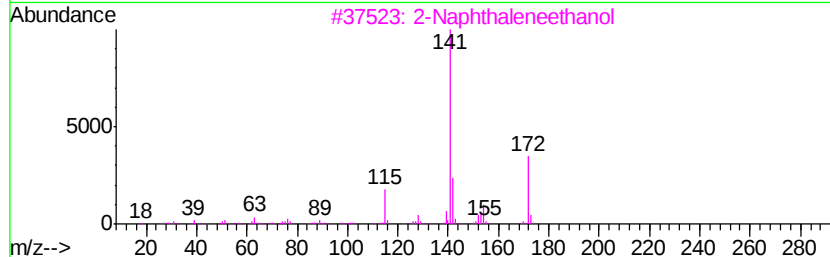
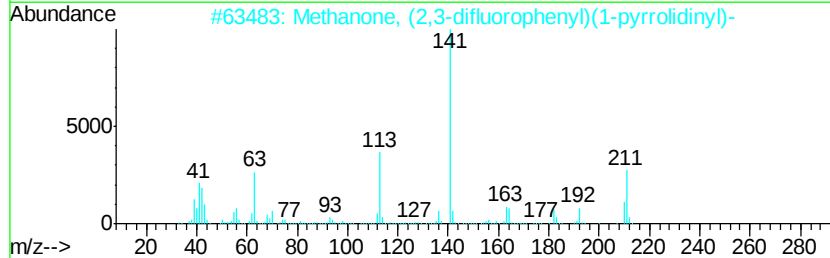
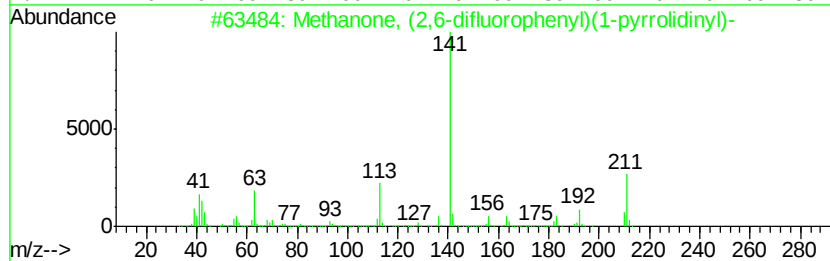
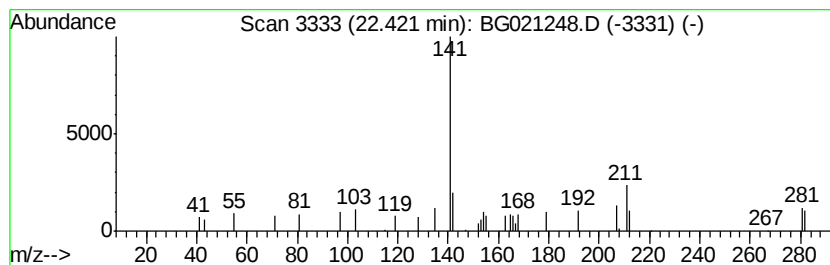
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TIC Integration Parameters: LSCINT.P

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Peak Number 4 unknown-02 Concentration Rank 6

| R.T.  | EstConc    | Area  | Relative to ISTD | R.T.  |
|-------|------------|-------|------------------|-------|
| 22.42 | 2.78 ng/ul | 28681 | Chrysene-d12     | 21.74 |

| Hit# | of | Tentative ID                        | MW  | MolForm    | CAS#         | Qual |
|------|----|-------------------------------------|-----|------------|--------------|------|
| 1    | 5  | Methanone, (2,6-difluorophenyl)(... | 211 | C11H11F2NO | 084044-77-9  | 38   |
| 2    |    | Methanone, (2,3-difluorophenyl)(... | 211 | C11H11F2NO | 1000277-54-8 | 38   |
| 3    |    | 2-Naphthaleneethanol                | 172 | C12H12O    | 001485-07-0  | 25   |
| 4    |    | Naphthalene, 2-butyl-               | 184 | C14H16     | 001134-62-9  | 12   |
| 5    |    | Naphthalene, 2-butyl-               | 184 | C14H16     | 001134-62-9  | 12   |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG030316\  
Data File : BG021248.D  
Acq On : 4 Mar 2016 00:14  
Operator : UM/SJ  
Sample : H1626-08  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
JHFJ5

Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG030316.M  
Quant Title : SVOA CALIBRATION

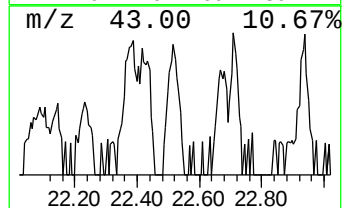
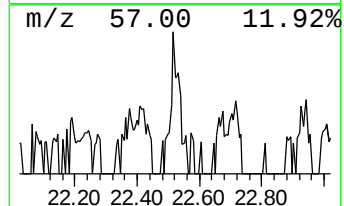
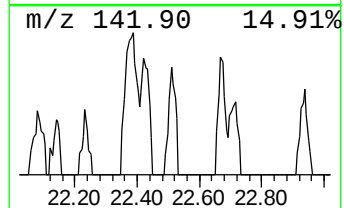
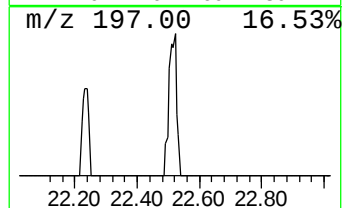
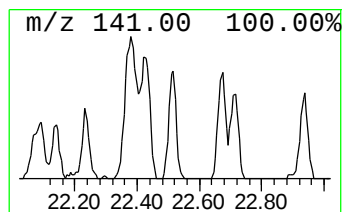
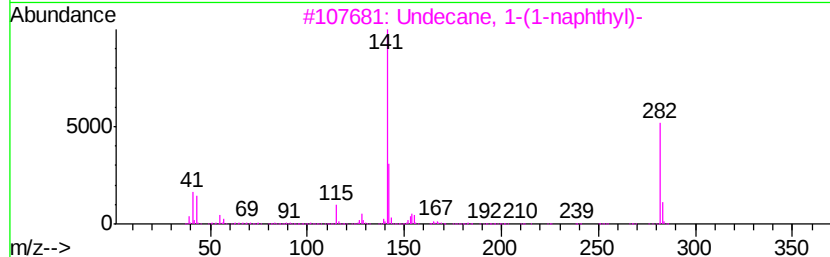
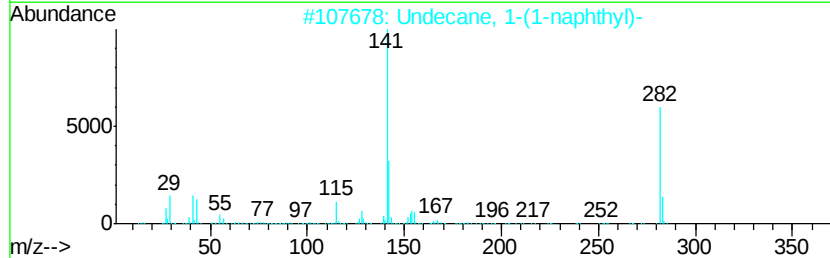
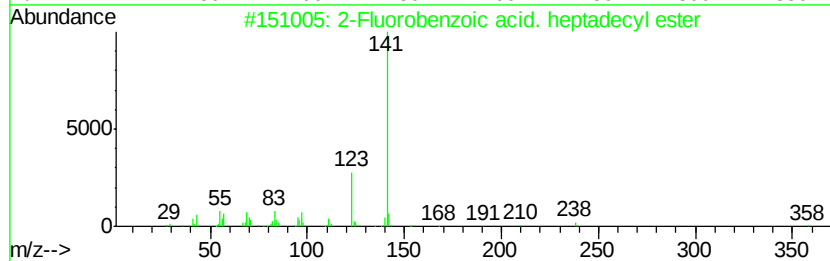
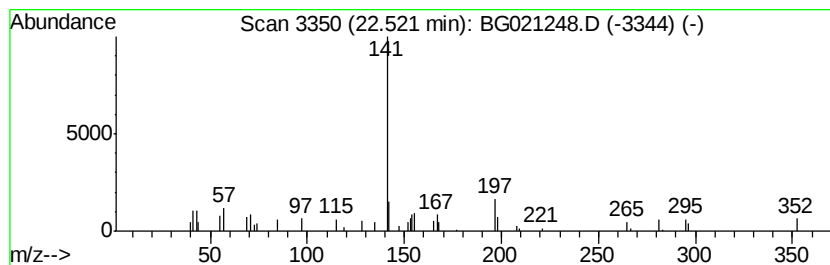
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 5 unknown-03 Concentration Rank 7

| R.T.  | EstConc    | Area  | Relative to ISTD | R.T.  |
|-------|------------|-------|------------------|-------|
| 22.52 | 2.67 ng/ul | 27521 | Chrysene-d12     | 21.74 |

| Hit# of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|---------|---|-------------------------------------|-----|-----------|--------------|------|
| 1       |   | 2-Fluorobenzoic acid. heptadecyl... | 378 | C24H39F02 | 1000282-96-6 | 33   |
| 2       |   | Undecane, 1-(1-naphthyl)-           | 282 | C21H30    | 007225-71-0  | 28   |
| 3       |   | Undecane, 1-(1-naphthyl)-           | 282 | C21H30    | 007225-71-0  | 28   |
| 4       |   | Undecane, 1-(1-naphthyl)-           | 282 | C21H30    | 007225-71-0  | 28   |
| 5       |   | Naphthalene, 2-pyrrolidino-         | 197 | C14H15N   | 013672-14-5  | 10   |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG030316\  
Data File : BG021248.D  
Acq On : 4 Mar 2016 00:14  
Operator : UM/SJ  
Sample : H1626-08  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
JHFJ5

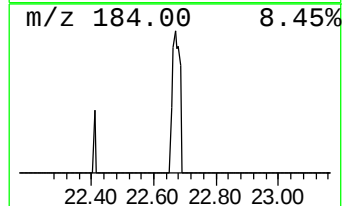
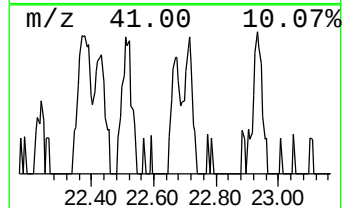
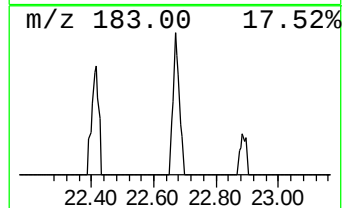
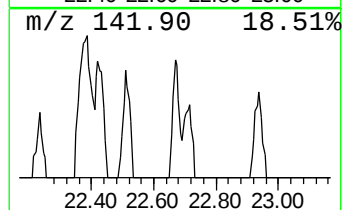
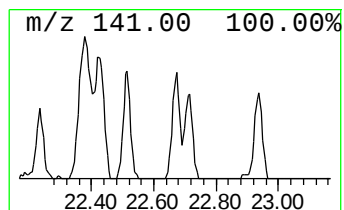
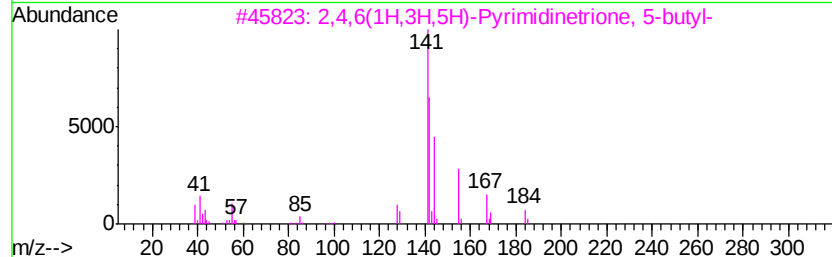
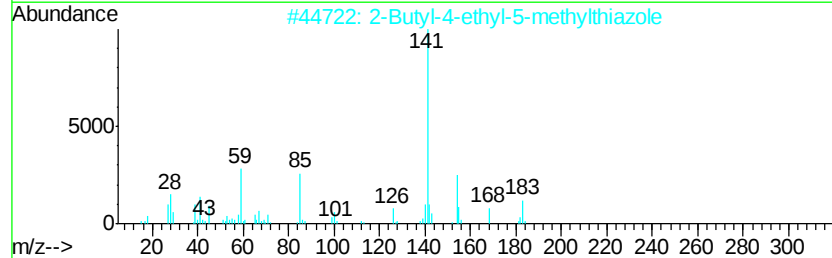
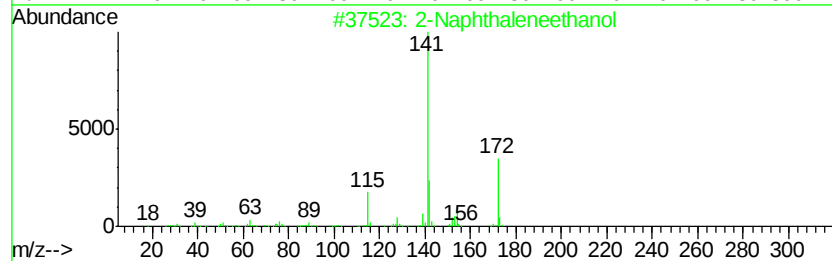
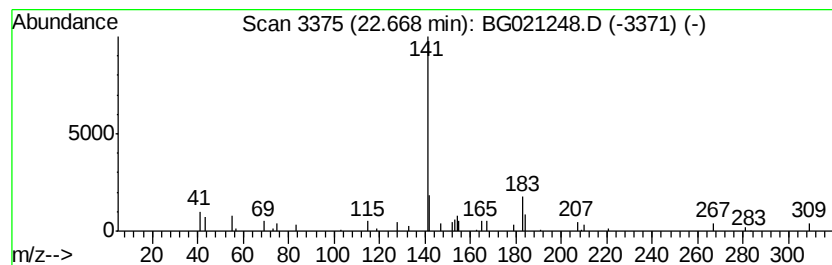
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG030316.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 6 unknown-04 Concentration Rank 10

| R.T.  | EstConc    | Area  | Relative to ISTD | R.T.  |
|-------|------------|-------|------------------|-------|
| 22.67 | 2.14 ng/ul | 22019 | Chrysene-d12     | 21.74 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|-----------|-------------|------|
| 1    |    |   | 2-Naphthaleneethanol                | 172 | C12H12O   | 001485-07-0 | 38   |
| 2    |    |   | 2-Butyl-4-ethyl-5-methylthiazole    | 183 | C10H17NS  | 052414-88-7 | 38   |
| 3    |    |   | 2,4,6(1H,3H,5H)-Pyrimidinetrione... | 184 | C8H12N2O3 | 001953-33-9 | 9    |
| 4    |    |   | Methyl 8-oxo-cis-2-nonenate         | 184 | C10H16O3  | 028297-04-3 | 9    |
| 5    |    |   | 1-But-3-enynaphthalene              | 182 | C14H14    | 002489-88-5 | 9    |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG030316\  
Data File : BG021248.D  
Acq On : 4 Mar 2016 00:14  
Operator : UM/SJ  
Sample : H1626-08  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
JHFJ5

Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG030316.M  
Quant Title : SVOA CALIBRATION

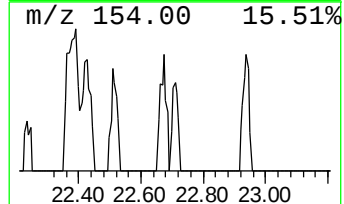
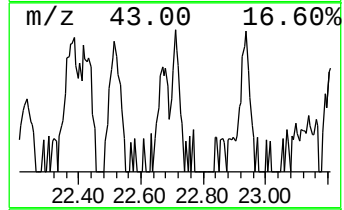
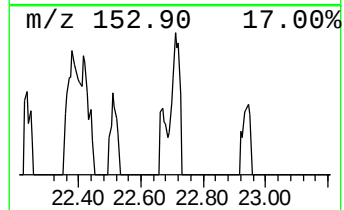
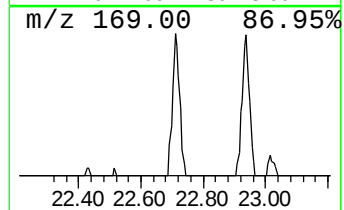
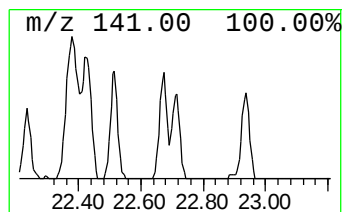
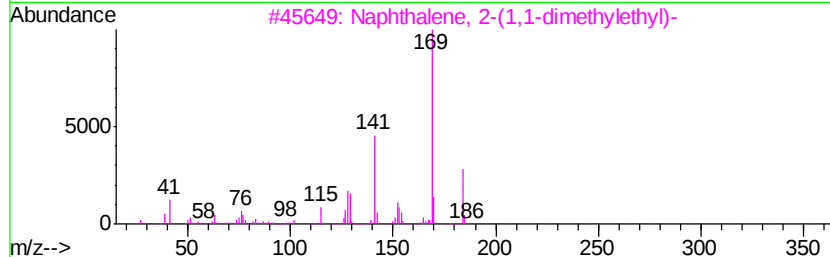
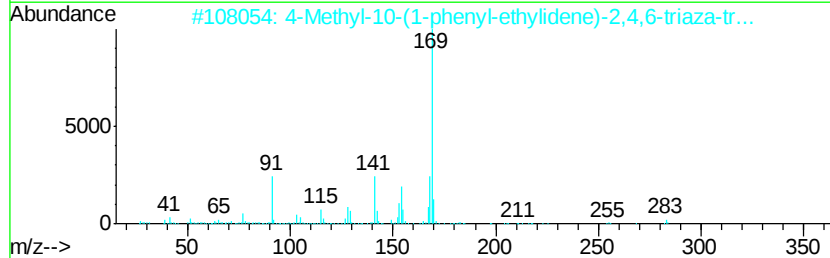
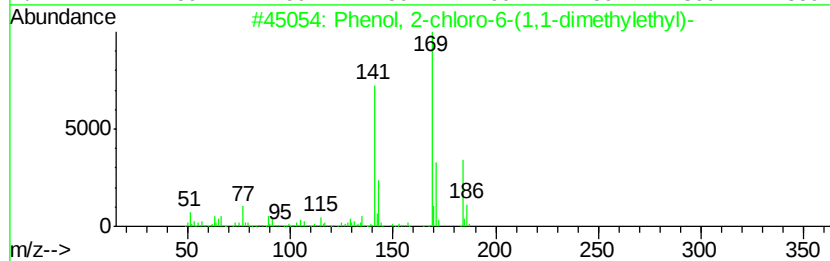
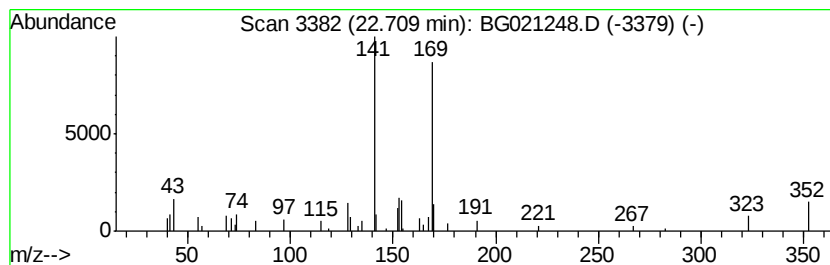
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 7 unknown-05 Concentration Rank 8

| R.T.  | EstConc    | Area  | Relative to ISTD | R.T.  |
|-------|------------|-------|------------------|-------|
| 22.71 | 2.67 ng/ul | 27467 | Chrysene-d12     | 21.74 |

| Hit# of | 5                                   | Tentative ID | MW         | MolForm      | CAS# | Qual |
|---------|-------------------------------------|--------------|------------|--------------|------|------|
| 1       | Phenol, 2-chloro-6-(1,1-dimethyl... | 184          | C10H13ClO  | 004237-37-0  | 45   |      |
| 2       | 4-Methyl-10-(1-phenyl-ethylidene... | 283          | C16H17N3O2 | 1000194-88-9 | 43   |      |
| 3       | Naphthalene, 2-(1,1-dimethylethyl)- | 184          | C14H16     | 002876-35-9  | 42   |      |
| 4       | Benzene, 1-chloro-2-diethoxymethyl- | 214          | C11H15ClO2 | 035364-86-4  | 36   |      |
| 5       | Pyridine, 3-methyl-4-phenyl-        | 169          | C12H11N    | 002052-92-8  | 35   |      |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG030316\  
Data File : BG021248.D  
Acq On : 4 Mar 2016 00:14  
Operator : UM/SJ  
Sample : H1626-08  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
JHFJ5

Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG030316.M  
Quant Title : SVOA CALIBRATION

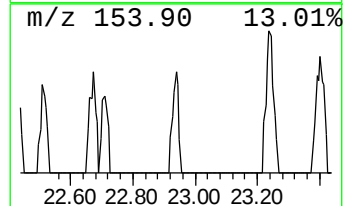
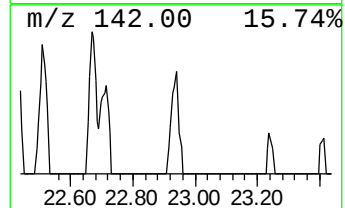
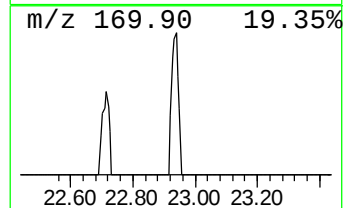
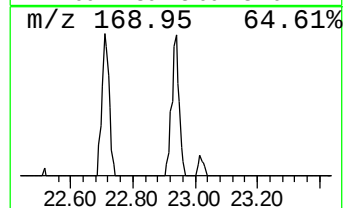
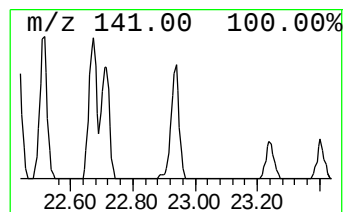
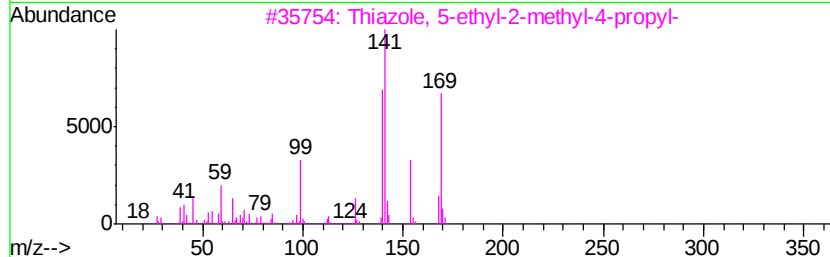
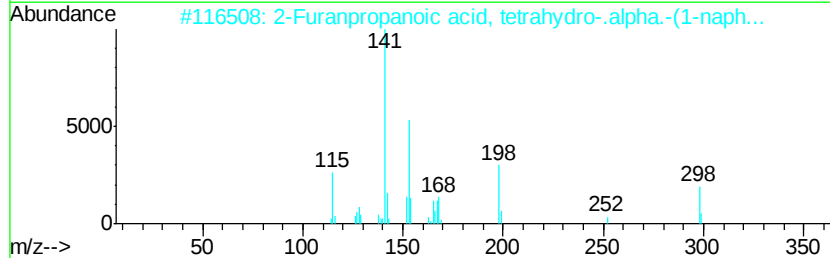
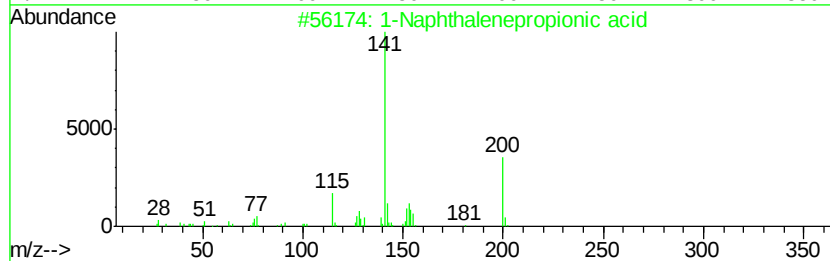
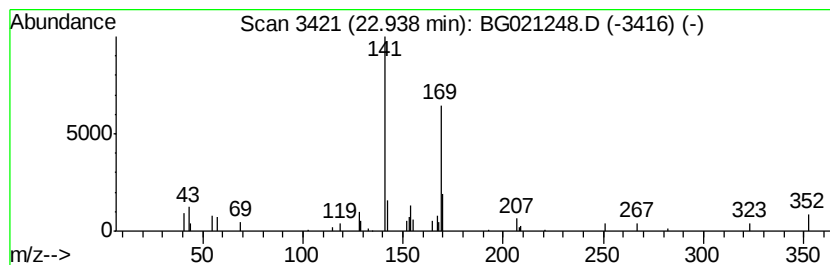
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 8 unknown-06 Concentration Rank 9

| R.T.  | EstConc    | Area  | Relative to ISTD | R.T.  |
|-------|------------|-------|------------------|-------|
| 22.94 | 2.44 ng/ul | 25100 | Chrysene-d12     | 21.74 |

| Hit# | of | Tentative ID                        | MW  | MolForm    | CAS#         | Qual |
|------|----|-------------------------------------|-----|------------|--------------|------|
| 1    | 5  | 1-Naphthalenepropionic acid         | 200 | C13H12O2   | 003243-42-3  | 37   |
| 2    |    | 2-Furanpropanoic acid, tetrahydr... | 298 | C18H18O4   | 055760-28-6  | 37   |
| 3    |    | Thiazole, 5-ethyl-2-methyl-4-pro... | 169 | C9H15NS    | 004276-67-9  | 36   |
| 4    |    | Undecane, 1-(1-naphthyl)-           | 282 | C21H30     | 007225-71-0  | 32   |
| 5    |    | Propanoic acid, 3-(4-aminocarbon... | 256 | C13H24N2O3 | 1000272-05-7 | 25   |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG030316\  
Data File : BG021248.D  
Acq On : 4 Mar 2016 00:14  
Operator : UM/SJ  
Sample : H1626-08  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
JHFJ5

Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG030316.M  
Quant Title : SVOA CALIBRATION

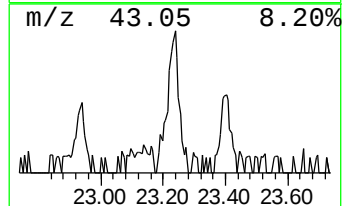
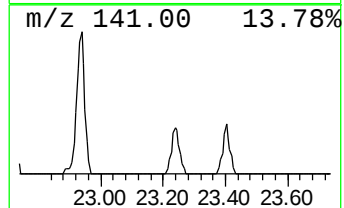
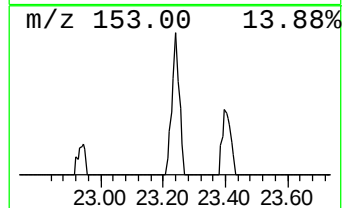
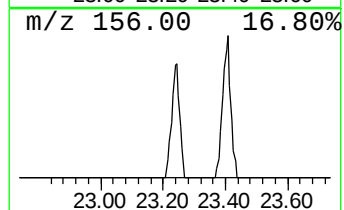
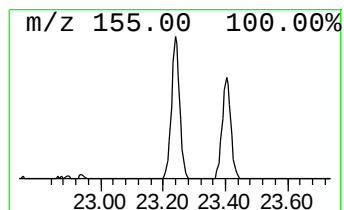
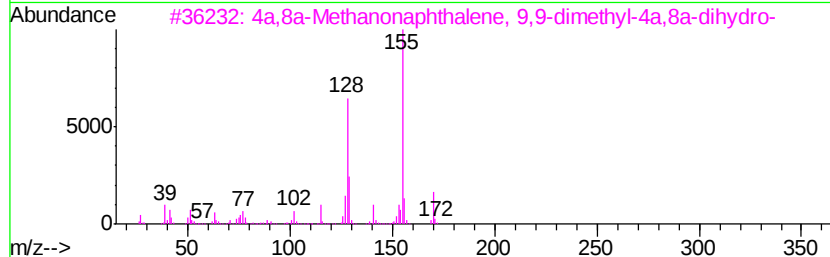
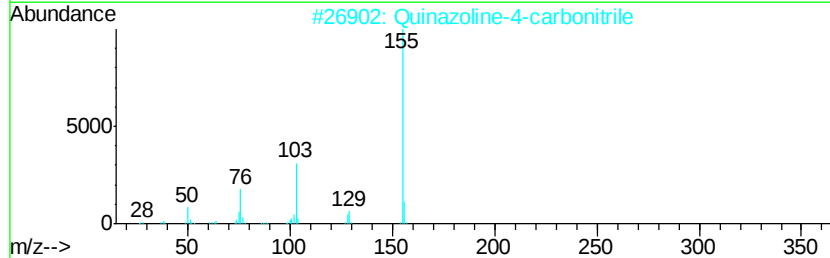
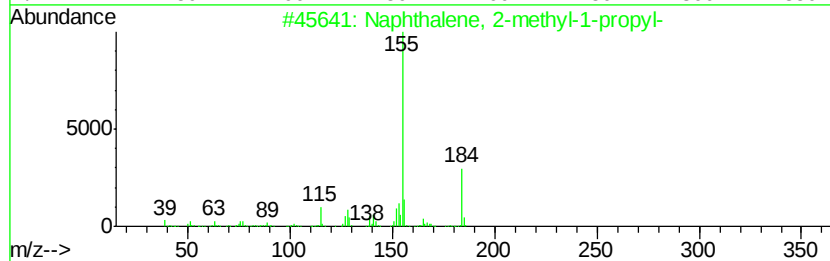
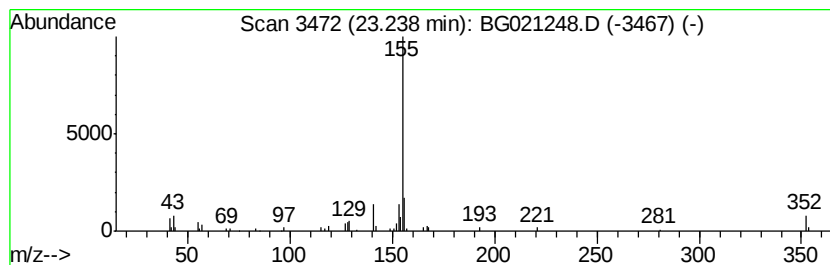
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 9 Naphthalene, 2-methyl-1-pro... Concentration Rank 3

| R.T.  | EstConc    | Area  | Relative to ISTD | R.T.  |
|-------|------------|-------|------------------|-------|
| 23.24 | 5.24 ng/ul | 54004 | Chrysene-d12     | 21.74 |

| Hit# | of | Tentative ID                        | MW  | MolForm   | CAS#        | Qual |
|------|----|-------------------------------------|-----|-----------|-------------|------|
| 1    | 5  | Naphthalene, 2-methyl-1-propyl-     | 184 | C14H16    | 054774-89-9 | 64   |
| 2    |    | Quinazoline-4-carbonitrile          | 155 | C9H5N3    | 036082-71-0 | 42   |
| 3    |    | 4a,8a-Methanonaphthalene, 9,9-di... | 170 | C13H14    | 038963-97-2 | 40   |
| 4    |    | Naphthalene, 2-(1-methylethyl)-     | 170 | C13H14    | 002027-17-0 | 39   |
| 5    |    | Mandelamide, N-(1-naphthylethyl)-   | 305 | C20H19NO2 | 344875-77-0 | 39   |



Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG030316\  
Data File : BG021248.D  
Acq On : 4 Mar 2016 00:14  
Operator : UM/SJ  
Sample : H1626-08  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
JHFJ5

Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG030316.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... | 3.27  | 7.2     | ng/ul | 23550    | 1                     | 8.13  | 65463  | 20.0 |
| unknown-01           | 22.38 | 4.2     | ng/ul | 43126    | 5                     | 21.74 | 206033 | 20.0 |
| unknown-02           | 22.42 | 2.8     | ng/ul | 28681    | 5                     | 21.74 | 206033 | 20.0 |
| unknown-03           | 22.52 | 2.7     | ng/ul | 27521    | 5                     | 21.74 | 206033 | 20.0 |
| unknown-04           | 22.67 | 2.1     | ng/ul | 22019    | 5                     | 21.74 | 206033 | 20.0 |
| unknown-05           | 22.71 | 2.7     | ng/ul | 27467    | 5                     | 21.74 | 206033 | 20.0 |
| unknown-06           | 22.94 | 2.4     | ng/ul | 25100    | 5                     | 21.74 | 206033 | 20.0 |
| Naphthalene, 2-me... | 23.24 | 5.2     | ng/ul | 54004    | 5                     | 21.74 | 206033 | 20.0 |