

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050715\  
 Data File : BG016938.D  
 Acq On : 8 May 2015 1:53  
 Operator : TP/IZ  
 Sample : G2038-05  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 DBMW-03

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % 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\8270-BG050515.M

Title : ASP BNA STANDARDS FOR 5 POINT 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         | 2.916       | 33            | 39          | 49           | rBV3     | 496636         | 1151019       | 2.87%           | 0.671%        |
| 2         | 3.004       | 49            | 54          | 71           | rVB      | 752084         | 1085167       | 2.70%           | 0.633%        |
| 3         | 4.003       | 218           | 224         | 234          | rBV      | 1257879        | 1818266       | 4.53%           | 1.060%        |
| 4         | 5.319       | 441           | 448         | 453          | rBV      | 409055         | 593964        | 1.48%           | 0.346%        |
| 5         | 5.383       | 453           | 459         | 465          | rVV      | 836222         | 1217945       | 3.04%           | 0.710%        |
| 6         | 5.448       | 465           | 470         | 482          | rVB      | 1573508        | 3170010       | 7.90%           | 1.848%        |
| 7         | 5.818       | 523           | 533         | 541          | rBV2     | 1598049        | 3100113       | 7.73%           | 1.807%        |
| 8         | 6.893       | 702           | 716         | 721          | rBV      | 986281         | 1550663       | 3.87%           | 0.904%        |
| 9         | 6.958       | 721           | 727         | 734          | rVV2     | 964825         | 1969749       | 4.91%           | 1.148%        |
| 10        | 7.023       | 734           | 738         | 746          | rVB      | 427489         | 653960        | 1.63%           | 0.381%        |
| 11        | 7.187       | 760           | 766         | 771          | rBV      | 342549         | 558576        | 1.39%           | 0.326%        |
| 12        | 7.334       | 781           | 791         | 798          | rBV      | 1552967        | 2502739       | 6.24%           | 1.459%        |
| 13        | 7.457       | 805           | 812         | 820          | rBV2     | 1928999        | 3834147       | 9.56%           | 2.235%        |
| 14        | 7.540       | 820           | 826         | 831          | rBV      | 293512         | 445023        | 1.11%           | 0.259%        |
| 15        | 7.798       | 862           | 870         | 875          | rBV      | 351266         | 610580        | 1.52%           | 0.356%        |
| 16        | 7.916       | 884           | 890         | 897          | rBV      | 383121         | 635167        | 1.58%           | 0.370%        |
| 17        | 8.121       | 918           | 925         | 929          | rBV      | 1214092        | 2063433       | 5.14%           | 1.203%        |
| 18        | 8.174       | 929           | 934         | 940          | rVV      | 3763252        | 6090735       | 15.18%          | 3.550%        |
| 19        | 8.345       | 956           | 963         | 969          | rVB      | 8112195        | 15481039      | 38.59%          | 9.023%        |
| 20        | 8.439       | 974           | 979         | 983          | rVB      | 384658         | 577005        | 1.44%           | 0.336%        |
| 21        | 8.903       | 1051          | 1058        | 1062         | rVV      | 505326         | 822503        | 2.05%           | 0.479%        |
| 22        | 8.962       | 1062          | 1068        | 1077         | rVB2     | 1224188        | 2511206       | 6.26%           | 1.464%        |
| 23        | 9.067       | 1077          | 1086        | 1094         | rBV      | 277705         | 602919        | 1.50%           | 0.351%        |
| 24        | 9.561       | 1164          | 1170        | 1175         | rBV      | 357499         | 544463        | 1.36%           | 0.317%        |
| 25        | 9.813       | 1202          | 1213        | 1214         | rBV6     | 177127         | 428773        | 1.07%           | 0.250%        |
| 26        | 9.843       | 1214          | 1218        | 1223         | rVB      | 354554         | 575908        | 1.44%           | 0.336%        |
| 27        | 10.019      | 1238          | 1248        | 1254         | rBV2     | 1863059        | 4664006       | 11.63%          | 2.718%        |
| 28        | 10.095      | 1254          | 1261        | 1266         | rBV      | 2063203        | 4586951       | 11.43%          | 2.674%        |
| 29        | 10.295      | 1289          | 1295        | 1303         | rVB      | 714355         | 1144861       | 2.85%           | 0.667%        |
| 30        | 10.378      | 1303          | 1309        | 1318         | rBV      | 748726         | 1169194       | 2.91%           | 0.681%        |
| 31        | 10.601      | 1338          | 1347        | 1349         | rBV2     | 395795         | 782166        | 1.95%           | 0.456%        |
| 32        | 10.683      | 1349          | 1361        | 1366         | rVV      | 15518063       | 40120185      | 100.00%         | 23.385%       |
| 33        | 10.771      | 1370          | 1376        | 1381         | rVB      | 592897         | 950742        | 2.37%           | 0.554%        |
| 34        | 10.953      | 1396          | 1407        | 1414         | rBV      | 1527348        | 2611990       | 6.51%           | 1.522%        |

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 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 DBMW-03

Integration Parameters: rteint.p  
 Integrator: RTE  
 Smoothing : ON  
 Sampling : 1  
 Start Thrs: 0.2  
 Stop Thrs : 0

Filtering: 5  
 Min Area: 3 % 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\8270-BG050515.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 35 | 11.429 | 1481 | 1488 | 1496 | rVB4 | 160418  | 509583  | 1.27%  | 0.297% |
| 36 | 11.535 | 1496 | 1506 | 1513 | rBV7 | 120041  | 402813  | 1.00%  | 0.235% |
| 37 | 11.629 | 1513 | 1522 | 1526 | rBV2 | 178210  | 426135  | 1.06%  | 0.248% |
| 38 | 11.694 | 1526 | 1533 | 1537 | rVV2 | 212127  | 424212  | 1.06%  | 0.247% |
| 39 | 11.788 | 1544 | 1549 | 1554 | rBV2 | 237852  | 453140  | 1.13%  | 0.264% |
| 40 | 12.264 | 1620 | 1630 | 1635 | rBV  | 4443065 | 7295938 | 18.19% | 4.253% |
| 41 | 12.481 | 1656 | 1667 | 1672 | rBV  | 4243559 | 7385053 | 18.41% | 4.305% |
| 42 | 12.863 | 1723 | 1732 | 1735 | rBV2 | 215031  | 426102  | 1.06%  | 0.248% |
| 43 | 13.057 | 1759 | 1765 | 1770 | rBV  | 2646202 | 4079566 | 10.17% | 2.378% |
| 44 | 13.110 | 1770 | 1774 | 1779 | rVB  | 415089  | 551280  | 1.37%  | 0.321% |
| 45 | 13.268 | 1790 | 1801 | 1806 | rBV  | 1124813 | 1748616 | 4.36%  | 1.019% |
| 46 | 13.462 | 1827 | 1834 | 1845 | rVB  | 583101  | 1192413 | 2.97%  | 0.695% |
| 47 | 13.609 | 1846 | 1859 | 1865 | rBV5 | 491001  | 1267285 | 3.16%  | 0.739% |
| 48 | 13.756 | 1877 | 1884 | 1889 | rBV  | 589386  | 1019745 | 2.54%  | 0.594% |
| 49 | 13.809 | 1889 | 1893 | 1901 | rVB  | 300412  | 495737  | 1.24%  | 0.289% |
| 50 | 13.891 | 1901 | 1907 | 1913 | rBV3 | 403806  | 740430  | 1.85%  | 0.432% |
| 51 | 14.161 | 1941 | 1953 | 1959 | rBV  | 2969466 | 4545175 | 11.33% | 2.649% |
| 52 | 14.437 | 1992 | 2000 | 2005 | rVB3 | 661299  | 1127982 | 2.81%  | 0.657% |
| 53 | 14.502 | 2005 | 2011 | 2017 | rBV  | 2494595 | 3651663 | 9.10%  | 2.128% |
| 54 | 14.643 | 2026 | 2035 | 2042 | rBV  | 982659  | 1786597 | 4.45%  | 1.041% |
| 55 | 15.483 | 2172 | 2178 | 2189 | rVB  | 1225163 | 1868110 | 4.66%  | 1.089% |
| 56 | 15.924 | 2243 | 2253 | 2262 | rVB2 | 2567727 | 3830268 | 9.55%  | 2.233% |
| 57 | 17.181 | 2461 | 2467 | 2470 | rBV  | 853879  | 1282943 | 3.20%  | 0.748% |
| 58 | 17.222 | 2470 | 2474 | 2480 | rVB  | 1863218 | 2526170 | 6.30%  | 1.472% |
| 59 | 17.311 | 2485 | 2489 | 2495 | rVB  | 423923  | 567617  | 1.41%  | 0.331% |
| 60 | 17.381 | 2495 | 2501 | 2505 | rBV  | 378318  | 540359  | 1.35%  | 0.315% |
| 61 | 17.581 | 2526 | 2535 | 2541 | rBV  | 480841  | 723875  | 1.80%  | 0.422% |
| 62 | 18.080 | 2612 | 2620 | 2629 | rBV3 | 560773  | 1171211 | 2.92%  | 0.683% |
| 63 | 19.361 | 2833 | 2838 | 2847 | rBV2 | 433865  | 660129  | 1.65%  | 0.385% |
| 64 | 19.596 | 2874 | 2878 | 2887 | rVB  | 320672  | 488820  | 1.22%  | 0.285% |
| 65 | 19.808 | 2908 | 2914 | 2919 | rBV  | 4223685 | 5138269 | 12.81% | 2.995% |
| 66 | 21.353 | 3172 | 3177 | 3182 | rBV  | 1019368 | 1353185 | 3.37%  | 0.789% |
| 67 | 23.656 | 3562 | 3569 | 3581 | rVB3 | 624625  | 1260146 | 3.14%  | 0.734% |

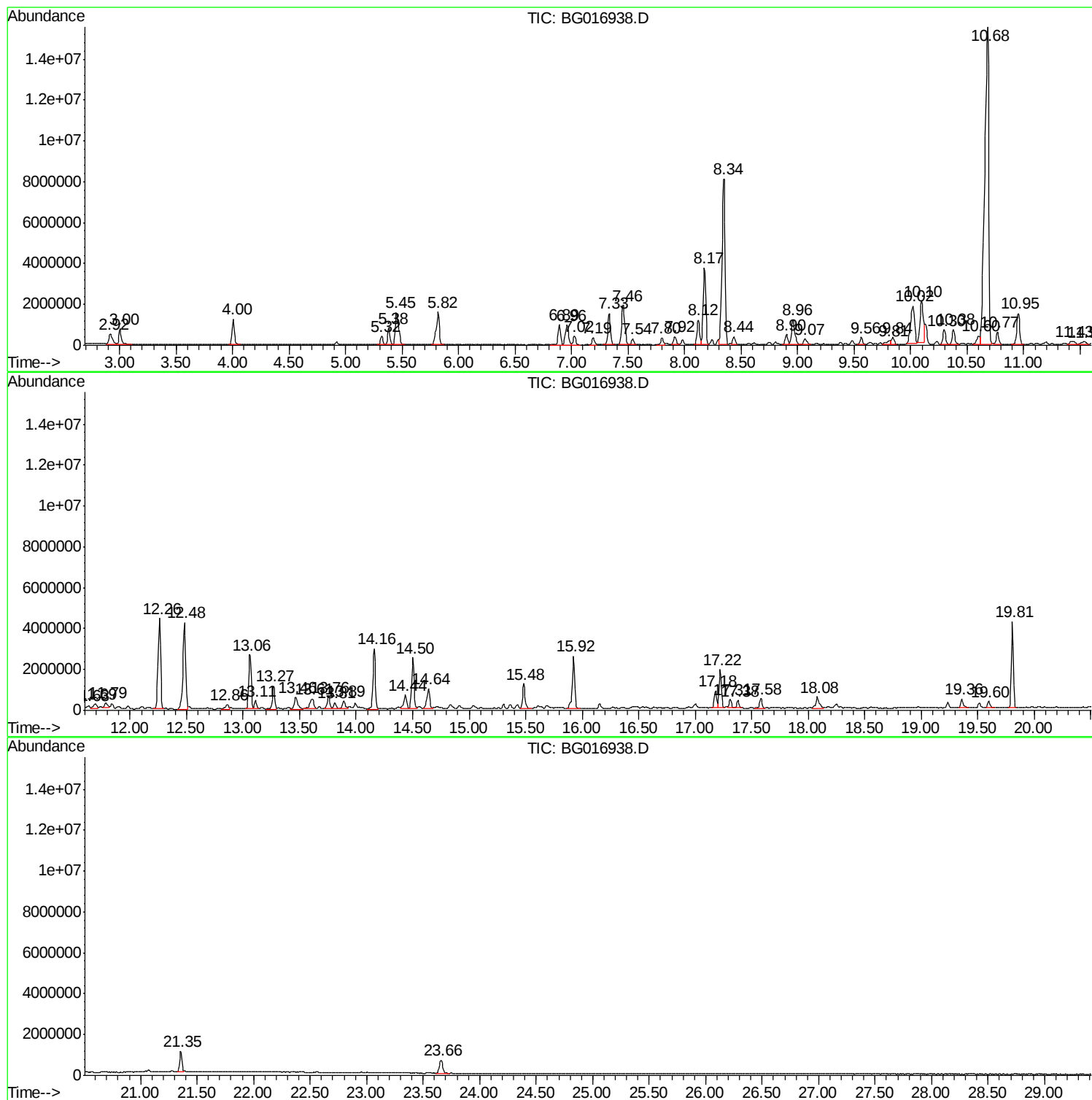
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Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampled :  
DBMW-03

Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG050515.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA G\DATA\BG050715\  
Data File : BG016938.D  
Acq On : 8 May 2015 1:53  
Operator : TP/IZ  
Sample : G2038-05  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DBMW-03

Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG050515.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

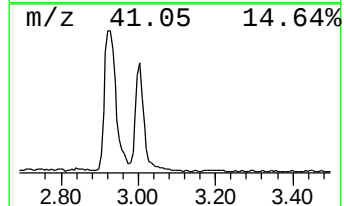
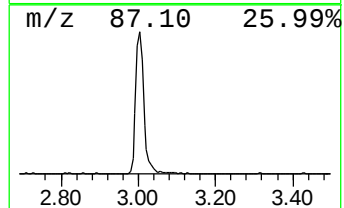
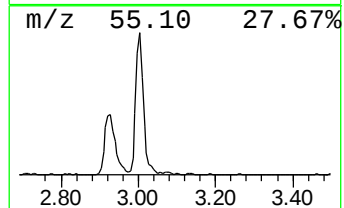
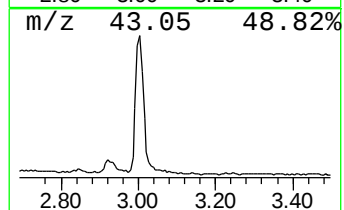
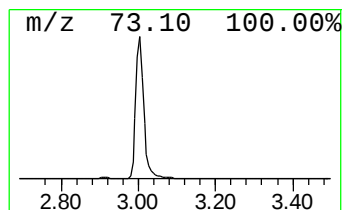
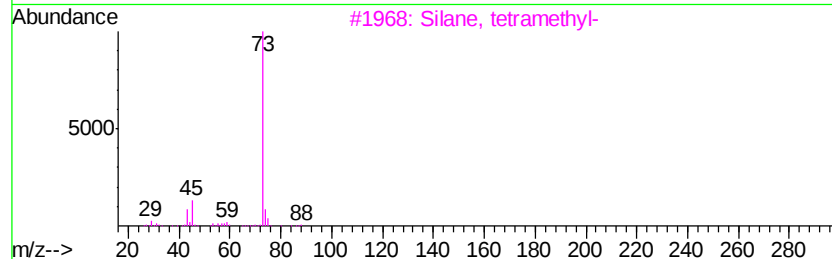
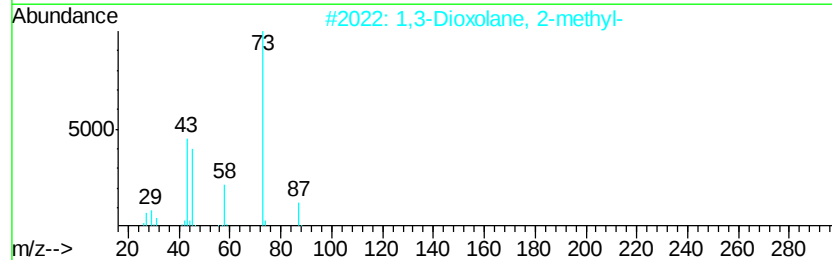
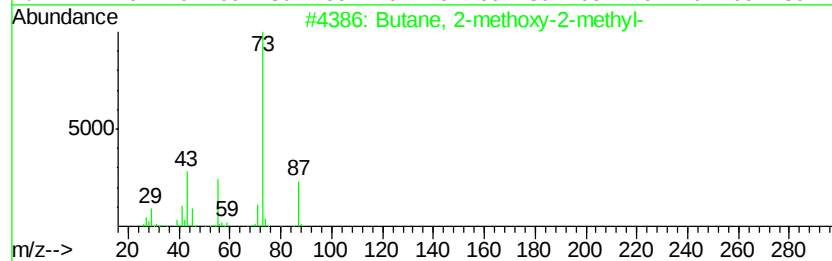
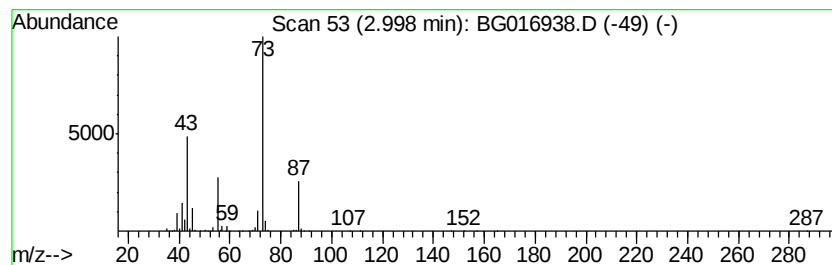
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 15

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 3.00 | 35.55 ng | 1085170 | 1,4-Dichlorobenzene-d4 | 7.80 |

| Hit# of | 5 | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|---------|---|-----------------------------|-----|---------|-------------|------|
| 1       |   | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 78   |
| 2       |   | 1,3-Dioxolane, 2-methyl-    | 88  | C4H8O2  | 000497-26-7 | 25   |
| 3       |   | Silane, tetramethyl-        | 88  | C4H12Si | 000075-76-3 | 17   |
| 4       |   | N-Ethylformamide            | 73  | C3H7NO  | 000627-45-2 | 9    |
| 5       |   | 2,2,4-Trimethyl-3-pentanol  | 130 | C8H18O  | 005162-48-1 | 9    |



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Instrument :  
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ClientSampleId :  
DBMW-03

Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG050515.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

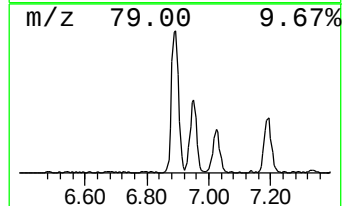
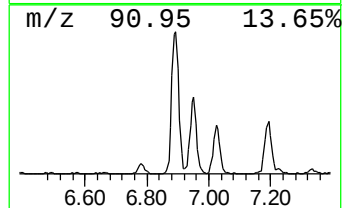
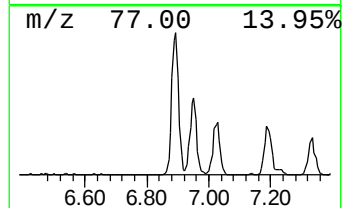
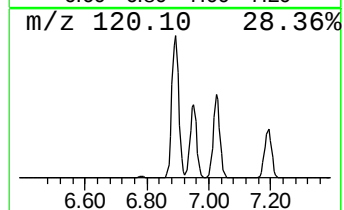
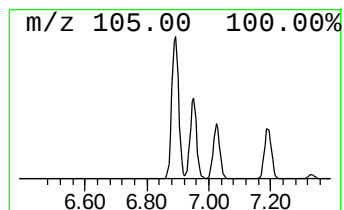
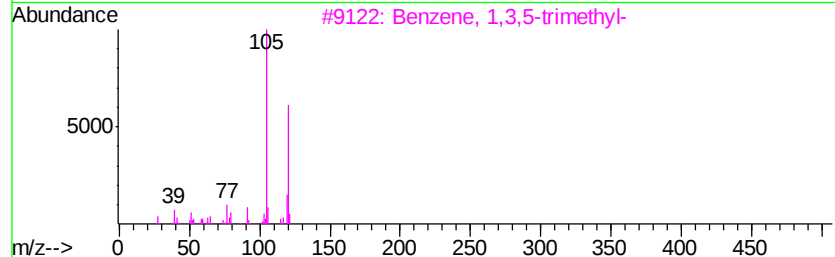
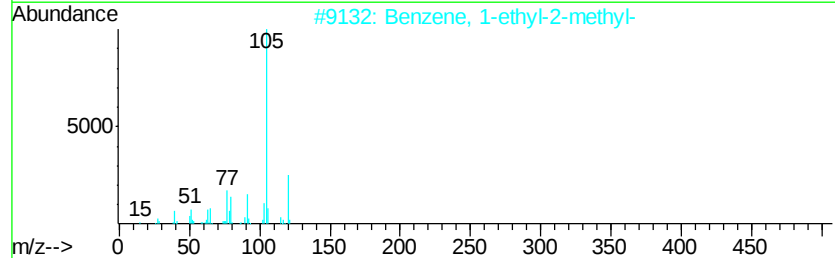
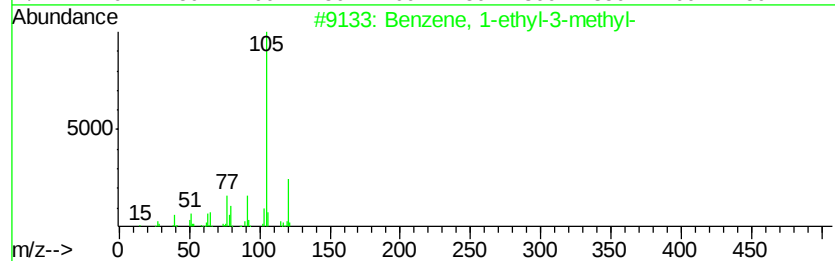
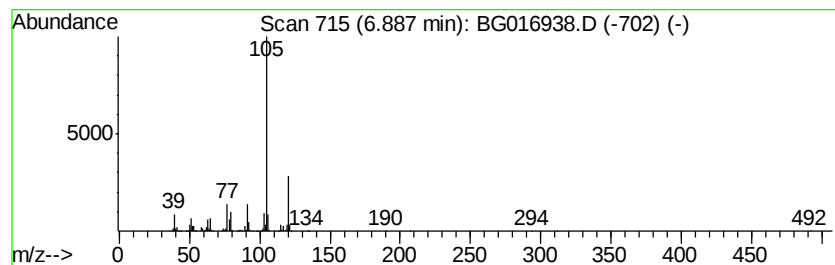
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 6 Benzene, 1-ethyl-3-methyl- Concentration Rank 13

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 6.89 | 50.79 ng | 1550660 | 1,4-Dichlorobenzene-d4 | 7.80 |

| Hit# | of | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|----------------------------|-----|---------|-------------|------|
| 1    | 5  | Benzene, 1-ethyl-3-methyl- | 120 | C9H12   | 000620-14-4 | 95   |
| 2    |    | Benzene, 1-ethyl-2-methyl- | 120 | C9H12   | 000611-14-3 | 91   |
| 3    |    | Benzene, 1,3,5-trimethyl-  | 120 | C9H12   | 000108-67-8 | 91   |
| 4    |    | Benzene, 1-ethyl-4-methyl- | 120 | C9H12   | 000622-96-8 | 91   |
| 5    |    | Benzene, 1,2,3-trimethyl-  | 120 | C9H12   | 000526-73-8 | 91   |



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Instrument :  
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ClientSampleId :  
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG050515.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

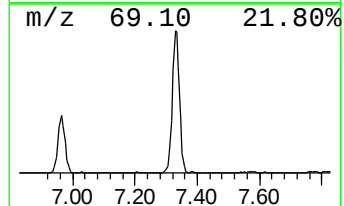
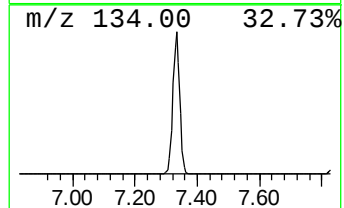
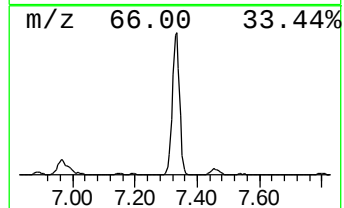
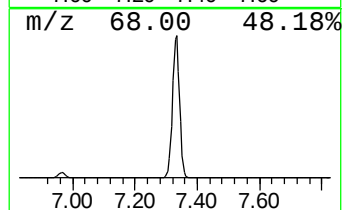
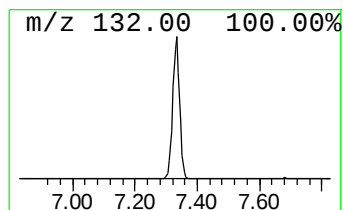
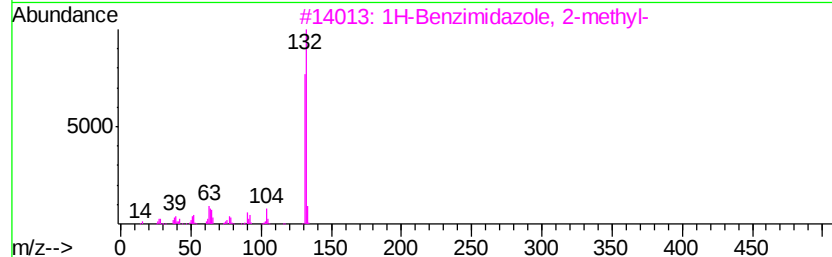
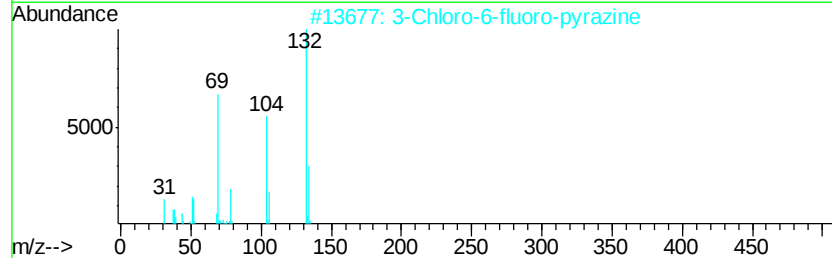
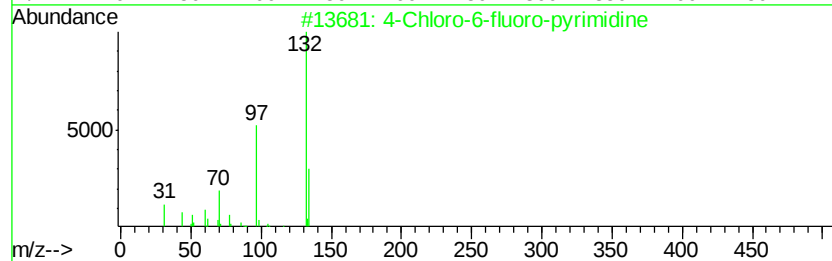
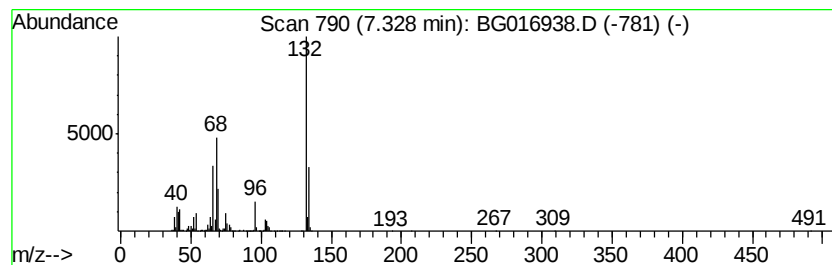
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 7 unknown7.33 Concentration Rank 9

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 7.33 | 81.98 ng | 2502740 | 1,4-Dichlorobenzene-d4 | 7.80 |

| Hit# | of | Tentative ID                 | MW  | MolForm   | CAS#         | Qual |
|------|----|------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 4-Chloro-6-fluoro-pyrimidine | 132 | C4H2ClFN2 | 051422-01-6  | 27   |
| 2    |    | 3-Chloro-6-fluoro-pyrazine   | 132 | C4H2ClFN2 | 1000146-10-7 | 27   |
| 3    |    | 1H-Benzimidazole, 2-methyl-  | 132 | C8H8N2    | 000615-15-6  | 22   |
| 4    |    | 5-Fluoro-2-chloropyrimidine  | 132 | C4H2ClFN2 | 062802-42-0  | 12   |
| 5    |    | Benzene, 1,3,5-trifluoro-    | 132 | C6H3F3    | 000372-38-3  | 9    |



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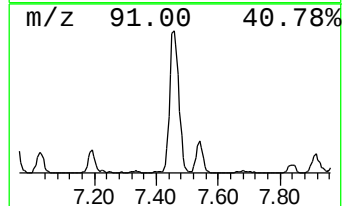
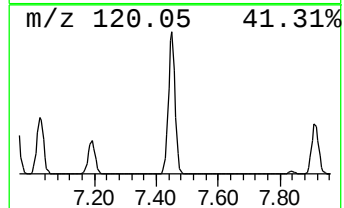
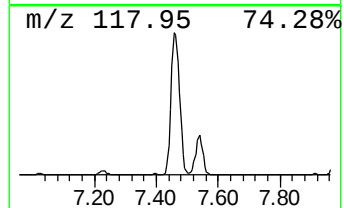
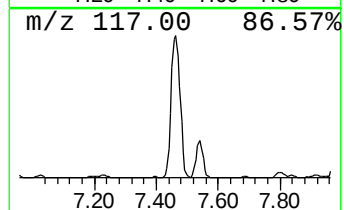
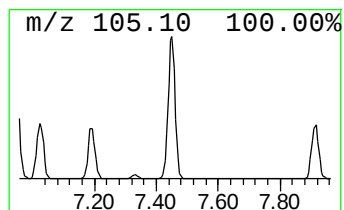
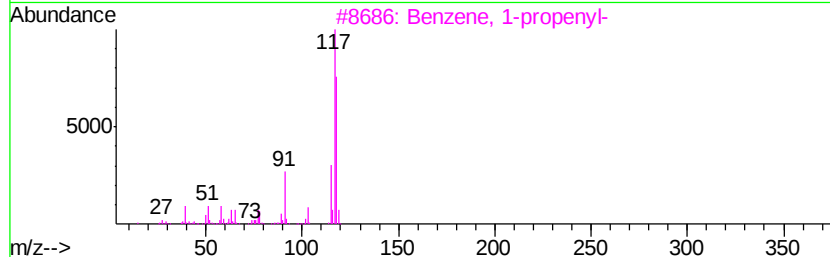
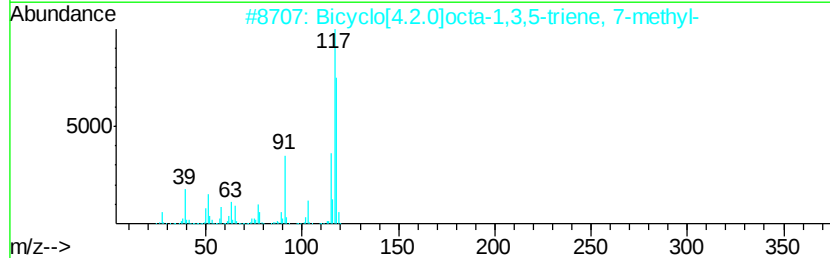
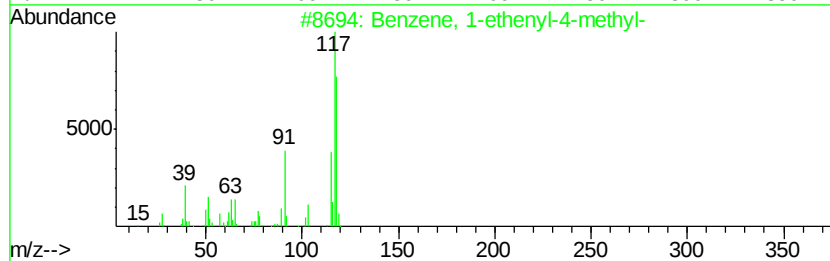
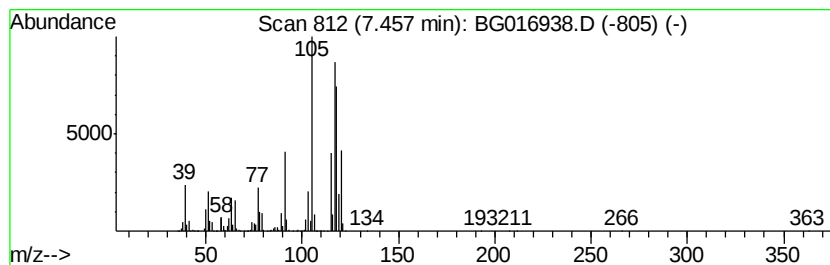
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 8 Benzene, 1-ethenyl-4-methyl- Concentration Rank 4

| R.T. | EstConc   | Area    | Relative to ISTD       | R.T. |
|------|-----------|---------|------------------------|------|
| 7.46 | 125.59 ng | 3834150 | 1,4-Dichlorobenzene-d4 | 7.80 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------------|-----|---------|-------------|------|
| 1    | 5  | Benzene, 1-ethenyl-4-methyl-        | 118 | C9H10   | 000622-97-9 | 90   |
| 2    |    | Bicyclo[4.2.0]octa-1,3,5-triene,... | 118 | C9H10   | 055337-80-9 | 70   |
| 3    |    | Benzene, 1-propenyl-                | 118 | C9H10   | 000637-50-3 | 60   |
| 4    |    | Benzene, 1-ethenyl-3-methyl-        | 118 | C9H10   | 000100-80-1 | 60   |
| 5    |    | Benzene, 1-ethenyl-2-methyl-        | 118 | C9H10   | 000611-15-4 | 55   |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG050715\  
Data File : BG016938.D  
Acq On : 8 May 2015 1:53  
Operator : TP/IZ  
Sample : G2038-05  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DBMW-03

Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG050515.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

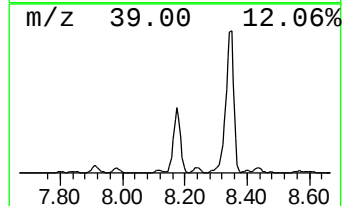
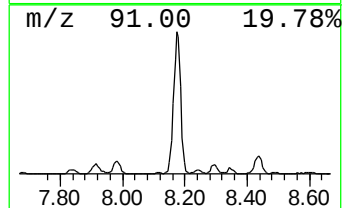
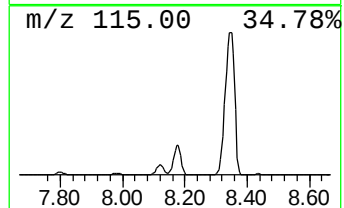
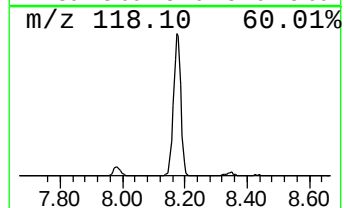
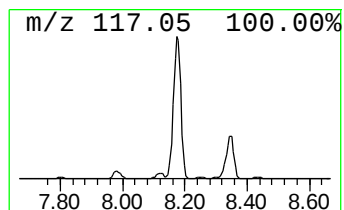
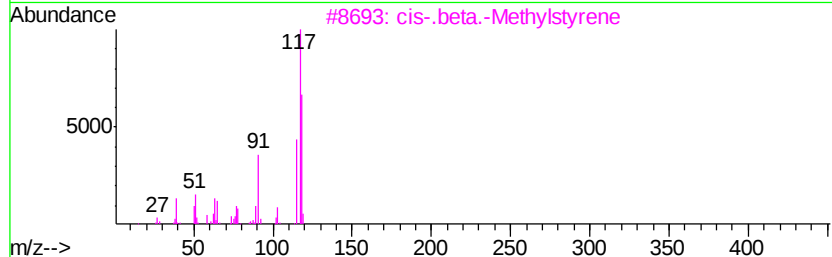
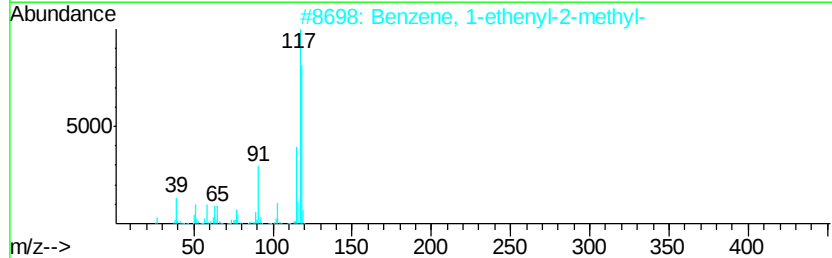
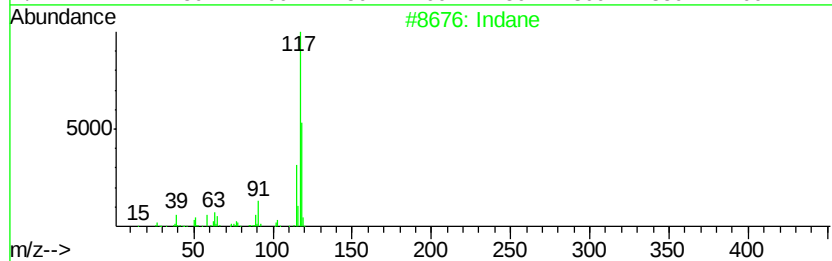
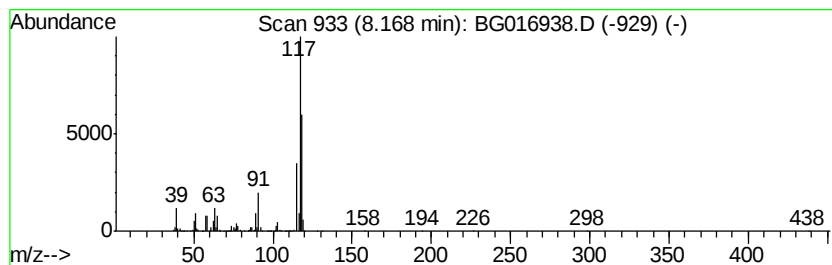
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TIC Integration Parameters: LSCINT.P

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Peak Number 10 Indane Concentration Rank 2

| R.T. | EstConc   | Area    | Relative to ISTD       | R.T. |
|------|-----------|---------|------------------------|------|
| 8.17 | 199.51 ng | 6090740 | 1,4-Dichlorobenzene-d4 | 7.80 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#         | Qual |
|------|----|-------------------------------------|-----|---------|--------------|------|
| 1    | 5  | Indane                              | 118 | C9H10   | 000496-11-7  | 93   |
| 2    |    | Benzene, 1-ethenyl-2-methyl-        | 118 | C9H10   | 000611-15-4  | 90   |
| 3    |    | cis-.beta.-Methylstyrene            | 118 | C9H10   | 000766-90-5  | 81   |
| 4    |    | Benzene, 1-propenyl-                | 118 | C9H10   | 000637-50-3  | 76   |
| 5    |    | Tetracyclo[3.3.1.0(2,8).0(4,6)]-... | 118 | C9H10   | 1000191-13-7 | 74   |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG050715\  
Data File : BG016938.D  
Acq On : 8 May 2015 1:53  
Operator : TP/IZ  
Sample : G2038-05  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DBMW-03

Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG050515.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

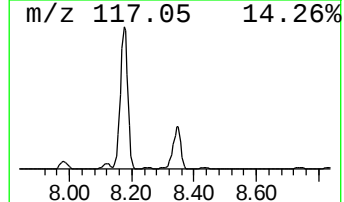
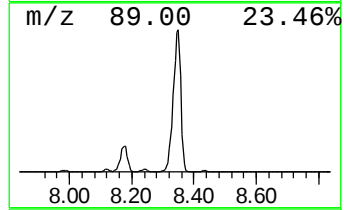
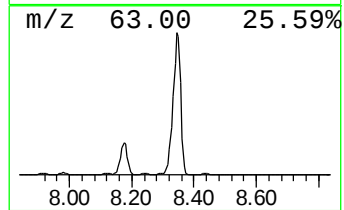
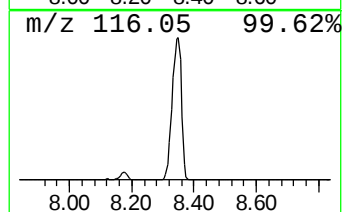
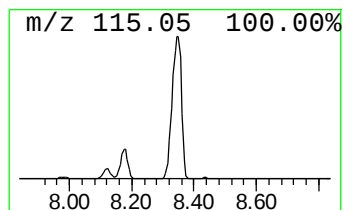
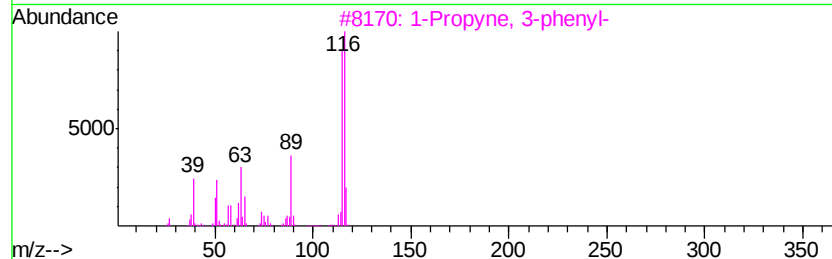
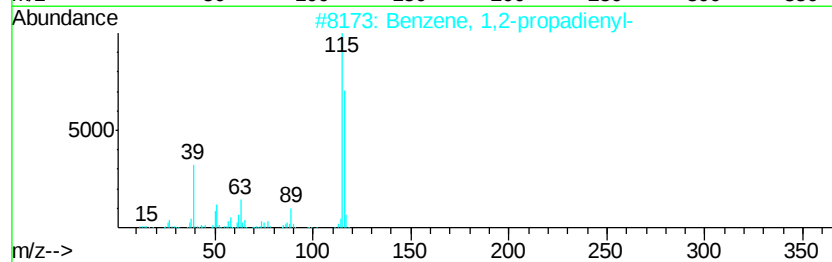
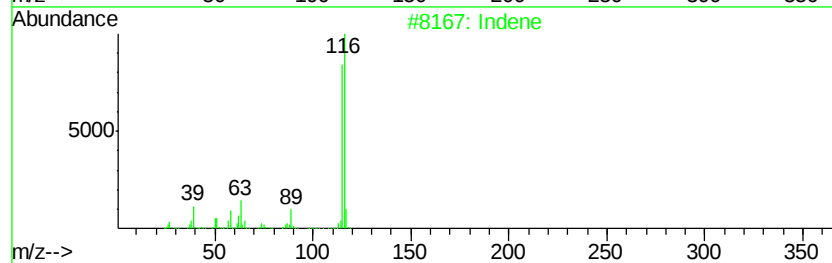
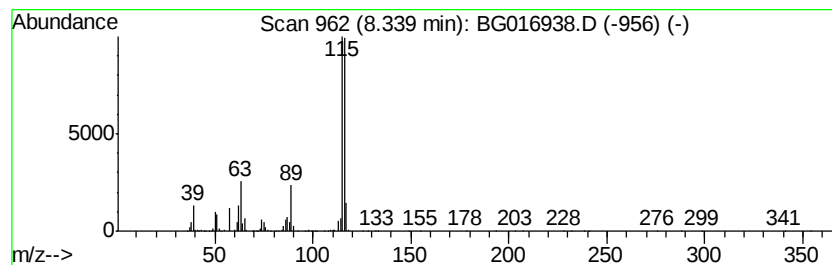
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 11 Indene Concentration Rank 1

| R.T. | EstConc   | Area     | Relative to ISTD       | R.T. |
|------|-----------|----------|------------------------|------|
| 8.34 | 507.09 ng | 15481000 | 1,4-Dichlorobenzene-d4 | 7.80 |

| Hit# | of | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|-----------------------------|-----|---------|-------------|------|
| 1    | 5  | Indene                      | 116 | C9H8    | 000095-13-6 | 95   |
| 2    |    | Benzene, 1,2-propadienyl-   | 116 | C9H8    | 002327-99-3 | 91   |
| 3    |    | 1-Propyne, 3-phenyl-        | 116 | C9H8    | 010147-11-2 | 83   |
| 4    |    | Benzene, 1-propynyl-        | 116 | C9H8    | 000673-32-5 | 83   |
| 5    |    | Benzene,1-ethynyl-2-methyl- | 116 | C9H8    | 000766-47-2 | 52   |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG050715\  
Data File : BG016938.D  
Acq On : 8 May 2015 1:53  
Operator : TP/IZ  
Sample : G2038-05  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DBMW-03

Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG050515.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

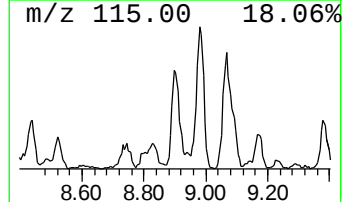
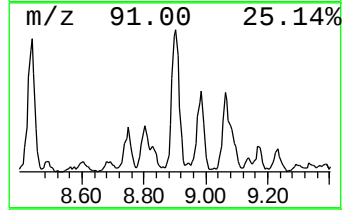
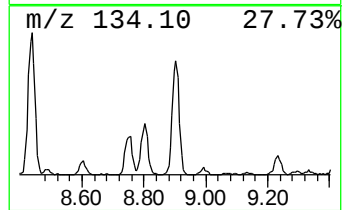
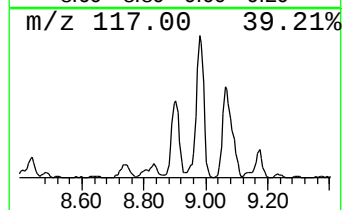
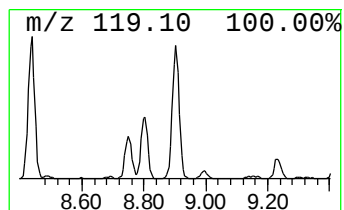
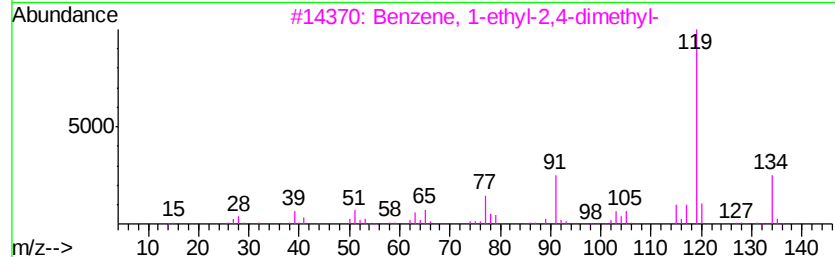
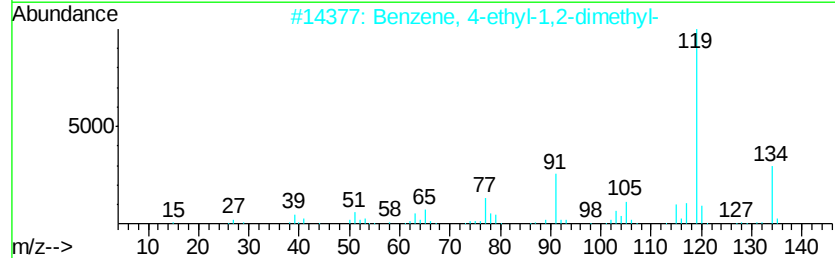
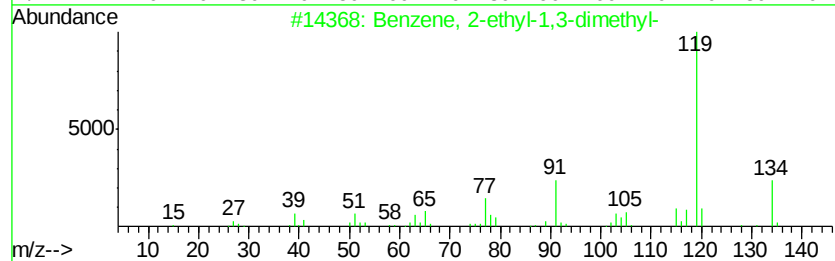
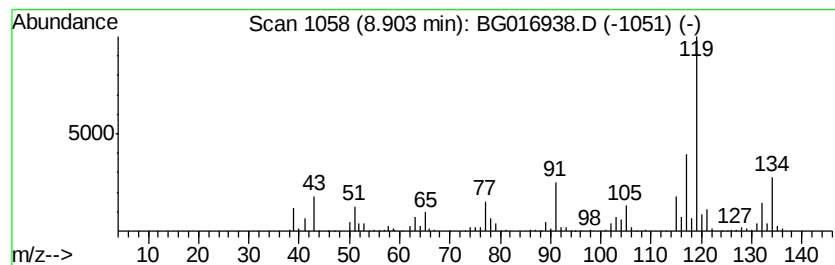
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 12 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 19

| R.T. | EstConc  | Area   | Relative to ISTD       | R.T. |
|------|----------|--------|------------------------|------|
| 8.90 | 26.94 ng | 822503 | 1,4-Dichlorobenzene-d4 | 7.80 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------------|-----|---------|-------------|------|
| 1    | 5  | Benzene, 2-ethyl-1,3-dimethyl-      | 134 | C10H14  | 002870-04-4 | 90   |
| 2    |    | Benzene, 4-ethyl-1,2-dimethyl-      | 134 | C10H14  | 000934-80-5 | 60   |
| 3    |    | Benzene, 1-ethyl-2,4-dimethyl-      | 134 | C10H14  | 000874-41-9 | 60   |
| 4    |    | Benzene, 1-ethyl-2,3-dimethyl-      | 134 | C10H14  | 000933-98-2 | 60   |
| 5    |    | Benzene, 1-methyl-4-(1-methyleth... | 134 | C10H14  | 000099-87-6 | 53   |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG050715\  
Data File : BG016938.D  
Acq On : 8 May 2015 1:53  
Operator : TP/IZ  
Sample : G2038-05  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DBMW-03

Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG050515.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

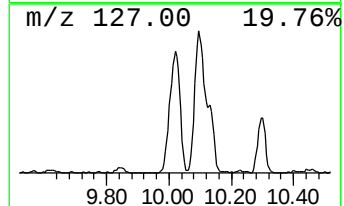
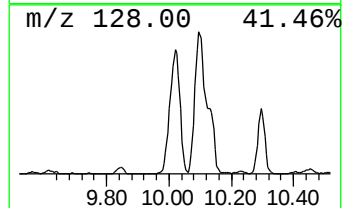
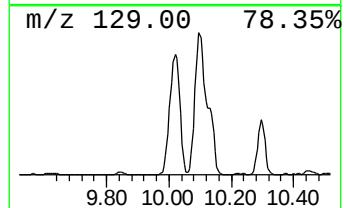
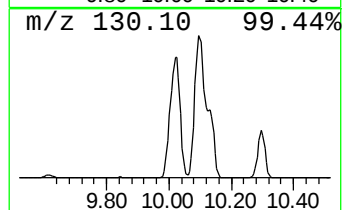
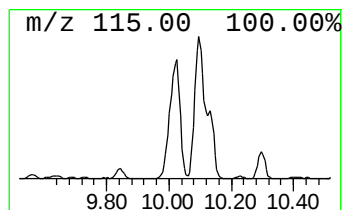
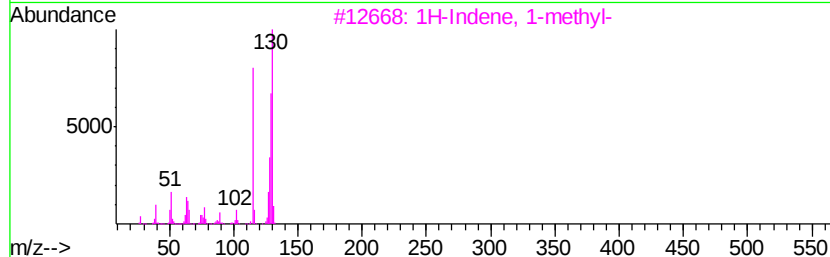
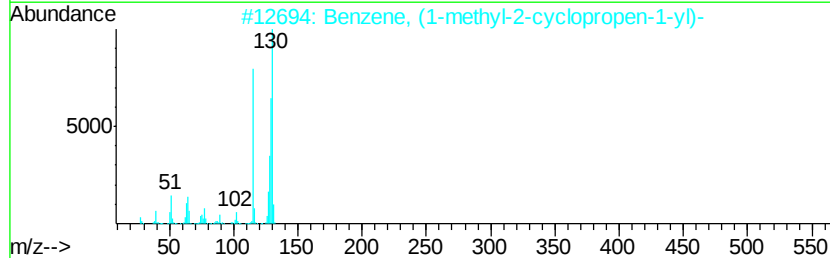
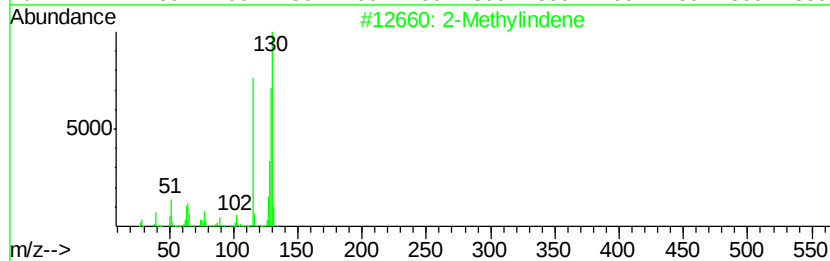
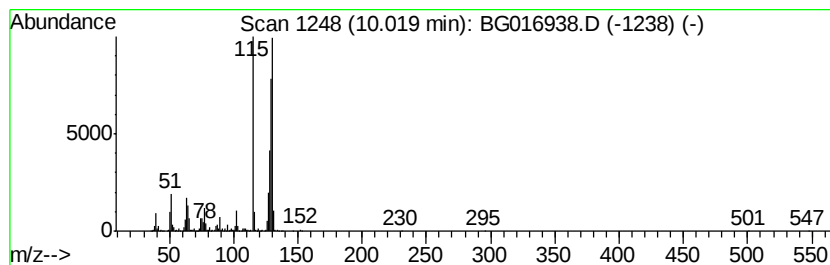
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 13 2-Methylindene Concentration Rank 5

| R.T.  | EstConc   | Area    | Relative to ISTD | R.T.  |
|-------|-----------|---------|------------------|-------|
| 10.02 | 119.26 ng | 4664010 | Naphthalene-d8   | 10.60 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------------|-----|---------|-------------|------|
| 1    | 5  | 2-Methylindene                      | 130 | C10H10  | 002177-47-1 | 96   |
| 2    |    | Benzene, (1-methyl-2-cyclopropen... | 130 | C10H10  | 065051-83-4 | 96   |
| 3    |    | 1H-Indene, 1-methyl-                | 130 | C10H10  | 000767-59-9 | 96   |
| 4    |    | Cycloprop[alindene, 1,1a,6,6a-te... | 130 | C10H10  | 015677-15-3 | 95   |
| 5    |    | Benzene,1-methyl-1,2-propadienyl-   | 130 | C10H10  | 022433-39-2 | 94   |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG050715\  
Data File : BG016938.D  
Acq On : 8 May 2015 1:53  
Operator : TP/IZ  
Sample : G2038-05  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DBMW-03

Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG050515.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

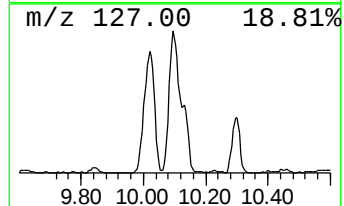
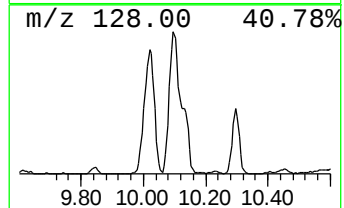
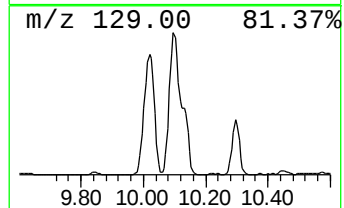
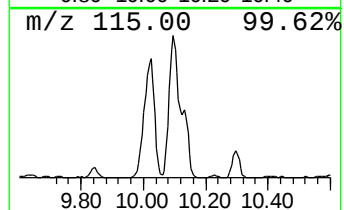
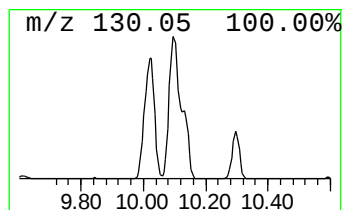
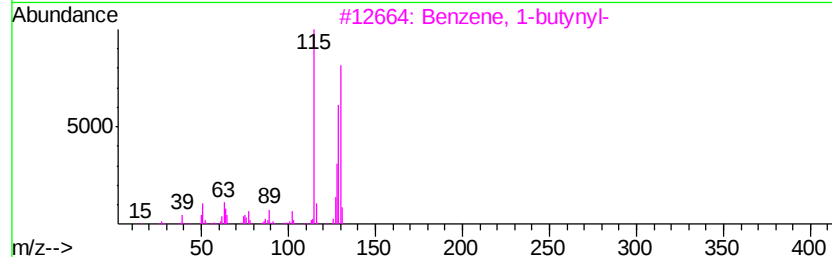
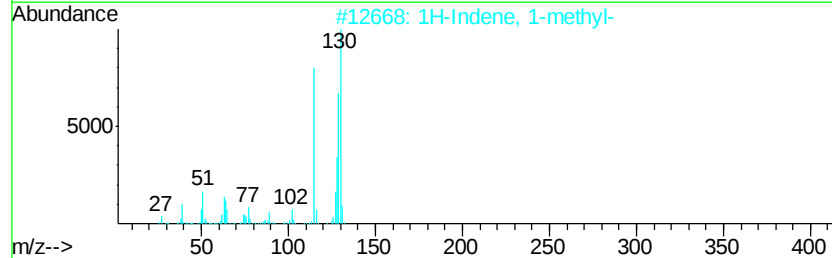
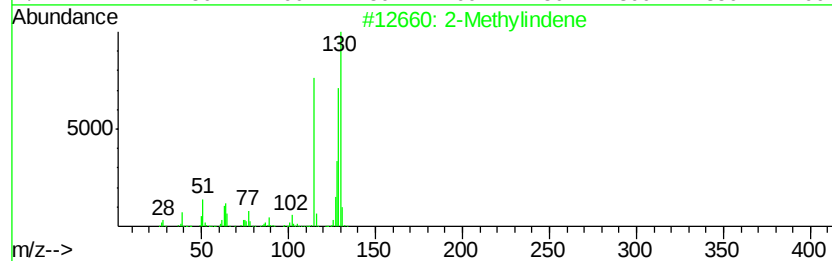
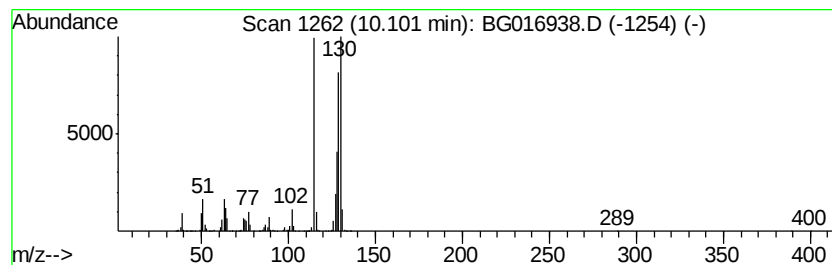
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 14 1H-Indene, 1-methyl- Concentration Rank 6

| R.T.  | EstConc   | Area    | Relative to ISTD | R.T.  |
|-------|-----------|---------|------------------|-------|
| 10.10 | 117.29 ng | 4586950 | Napthalene-d8    | 10.60 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------------|-----|---------|-------------|------|
| 1    | 5  | 2-Methylindene                      | 130 | C10H10  | 002177-47-1 | 96   |
| 2    |    | 1H-Indene, 1-methyl-                | 130 | C10H10  | 000767-59-9 | 96   |
| 3    |    | Benzene, 1-butynyl-                 | 130 | C10H10  | 000622-76-4 | 95   |
| 4    |    | Benzene, (1-methyl-2-cyclopropen... | 130 | C10H10  | 065051-83-4 | 95   |
| 5    |    | Benzene,1-methyl-1,2-propadienyl-   | 130 | C10H10  | 022433-39-2 | 95   |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG050715\  
Data File : BG016938.D  
Acq On : 8 May 2015 1:53  
Operator : TP/IZ  
Sample : G2038-05  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DBMW-03

Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG050515.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

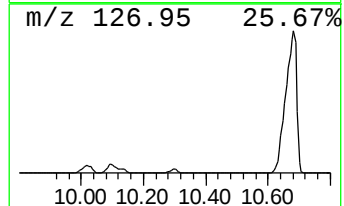
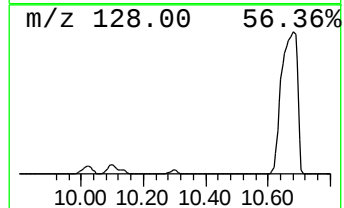
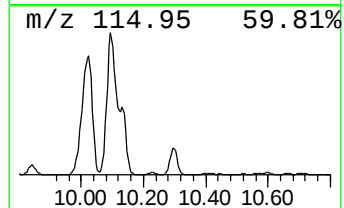
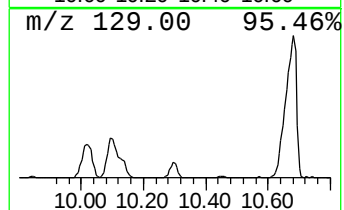
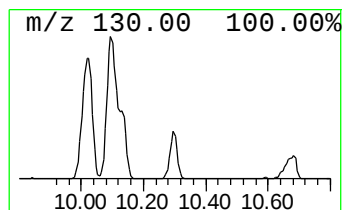
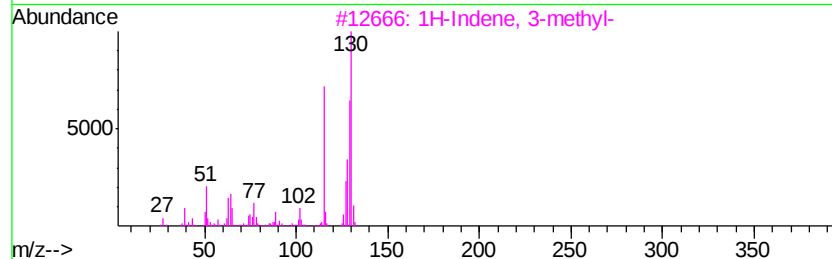
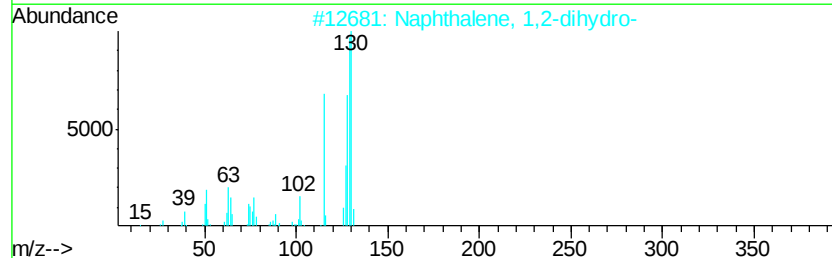
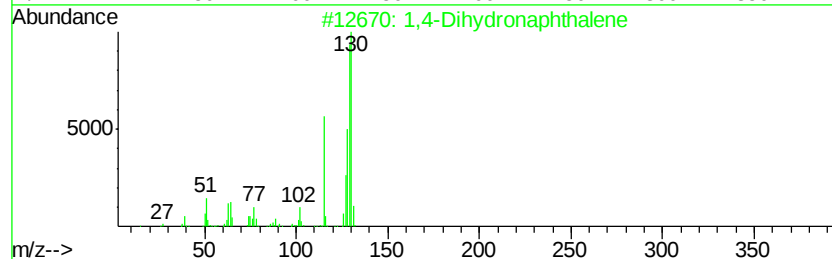
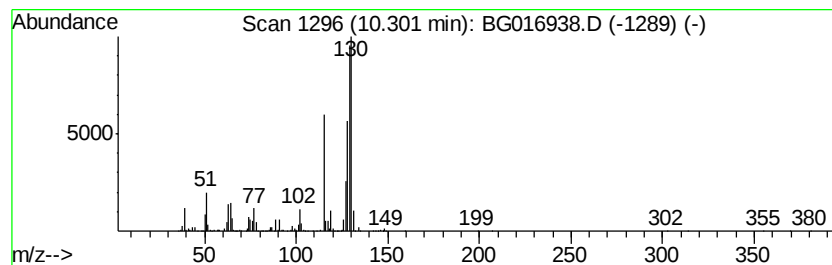
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 15 1,4-Dihydronaphthalene Concentration Rank 18

| R.T.  | EstConc  | Area    | Relative to ISTD | R.T.  |
|-------|----------|---------|------------------|-------|
| 10.30 | 29.27 ng | 1144860 | Naphthalene-d8   | 10.60 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------------|-----|---------|-------------|------|
| 1    | 5  | 1,4-Dihydronaphthalene              | 130 | C10H10  | 000612-17-9 | 98   |
| 2    |    | Naphthalene, 1,2-dihydro-           | 130 | C10H10  | 000447-53-0 | 98   |
| 3    |    | 1H-Indene, 3-methyl-                | 130 | C10H10  | 000767-60-2 | 93   |
| 4    |    | Triquinacene                        | 130 | C10H10  | 006053-74-3 | 90   |
| 5    |    | Cycloprop[a]indene, 1,1a,6,6a-te... | 130 | C10H10  | 015677-15-3 | 89   |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG050715\  
Data File : BG016938.D  
Acq On : 8 May 2015 1:53  
Operator : TP/IZ  
Sample : G2038-05  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DBMW-03

Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG050515.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

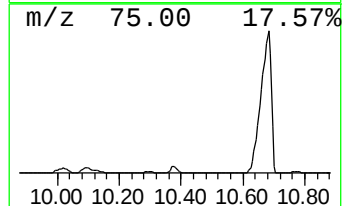
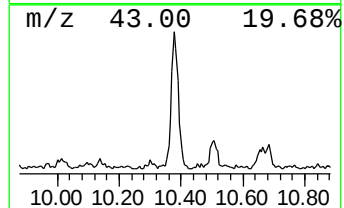
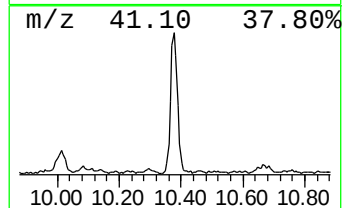
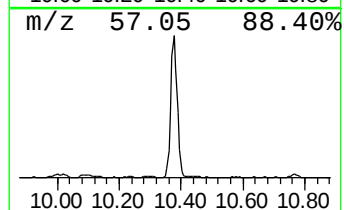
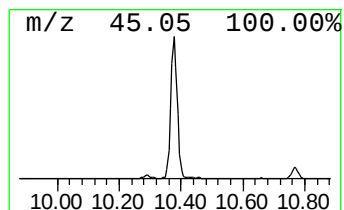
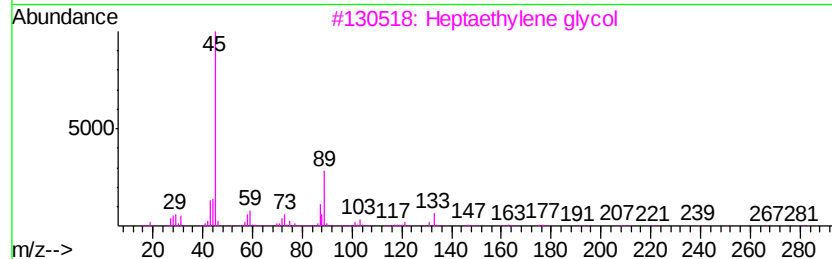
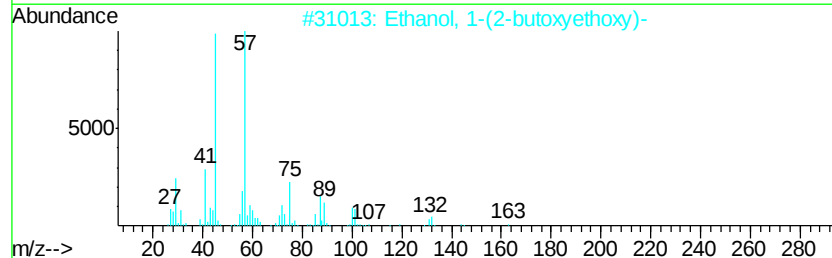
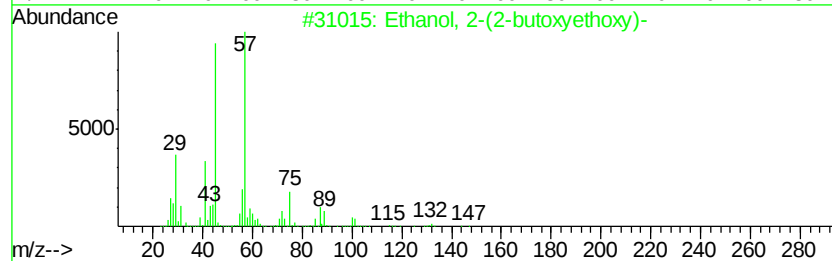
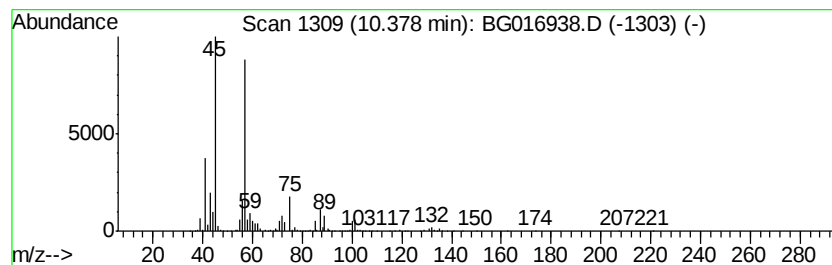
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 16 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 17

| R.T.  | EstConc  | Area    | Relative to ISTD | R.T.  |
|-------|----------|---------|------------------|-------|
| 10.38 | 29.90 ng | 1169190 | Naphthalene-d8   | 10.60 |

| Hit# | of | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|-------------------------------------|-----|----------|-------------|------|
| 1    | 5  | Ethanol, 2-(2-butoxyethoxy)-        | 162 | C8H18O3  | 000112-34-5 | 90   |
| 2    |    | Ethanol, 1-(2-butoxyethoxy)-        | 162 | C8H18O3  | 054446-78-5 | 83   |
| 3    |    | Heptaethylene glycol                | 326 | C14H30O8 | 005617-32-3 | 53   |
| 4    |    | Di-sec-butyl ether                  | 130 | C8H18O   | 006863-58-7 | 53   |
| 5    |    | Ethanol, 2,2'-[oxybis(2,1-ethane... | 194 | C8H18O5  | 000112-60-7 | 53   |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG050715\  
Data File : BG016938.D  
Acq On : 8 May 2015 1:53  
Operator : TP/IZ  
Sample : G2038-05  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

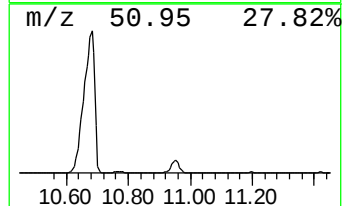
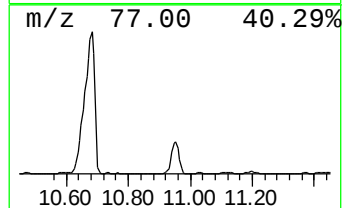
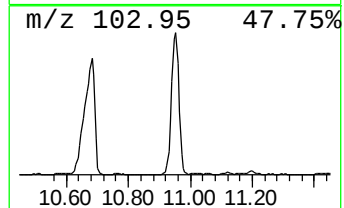
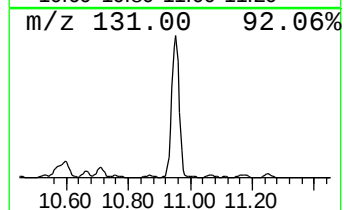
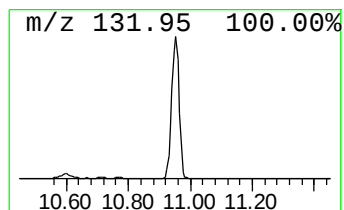
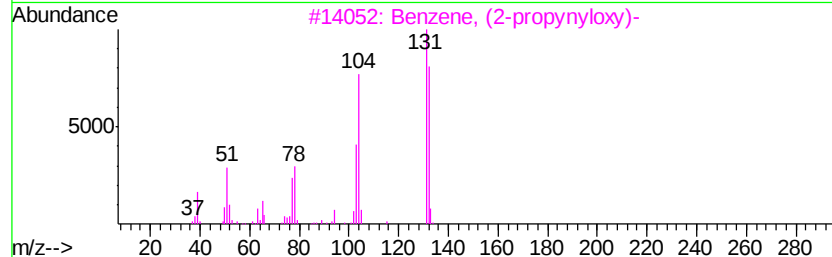
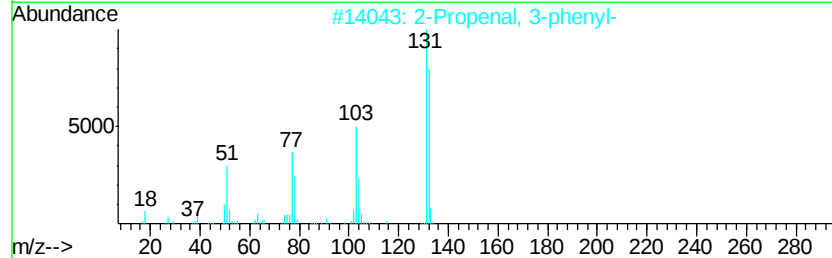
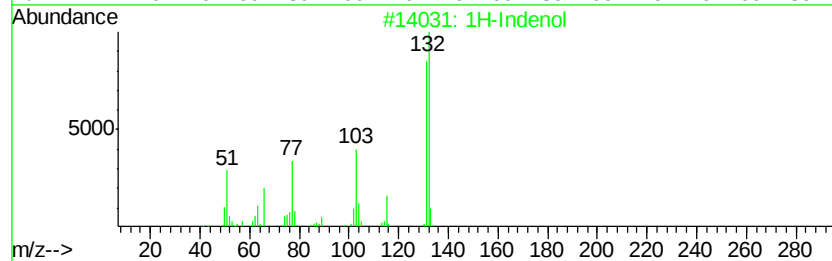
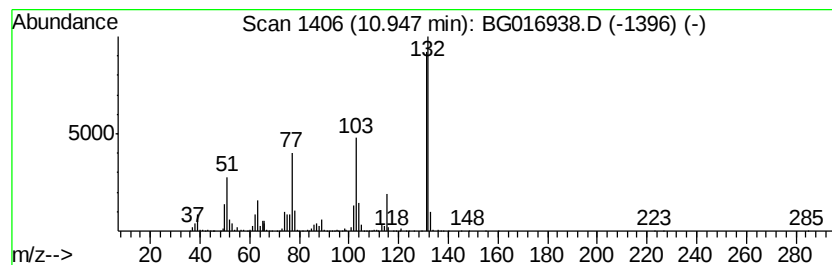
Instrument :  
BNA\_G  
ClientSampleId :  
DBMW-03

Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG050515.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 18 1H-Indenol Concentration Rank 11

| R.T.    | EstConc                   | Area         | Relative to ISTD | R.T.           |
|---------|---------------------------|--------------|------------------|----------------|
| 10.95   | 66.79 ng                  | 2611990      | Naphthalene-d8   | 10.60          |
| Hit# of | 5                         | Tentative ID | MW MolForm       | CAS# Qual      |
| 1       | 1H-Indenol                |              | 132 C9H8O        | 056631-57-3 97 |
| 2       | 2-Propenal, 3-phenyl-     |              | 132 C9H8O        | 000104-55-2 93 |
| 3       | Benzene, (2-propynvloxy)- |              | 132 C9H8O        | 013610-02-1 86 |
| 4       | Benzofuran, 7-methyl-     |              | 132 C9H8O        | 017059-52-8 81 |
| 5       | Benzofuran, 2-methyl-     |              | 132 C9H8O        | 004265-25-2 68 |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG050715\  
Data File : BG016938.D  
Acq On : 8 May 2015 1:53  
Operator : TP/IZ  
Sample : G2038-05  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

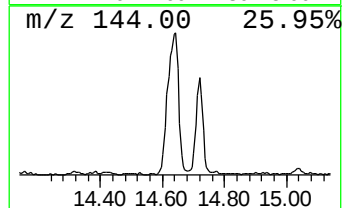
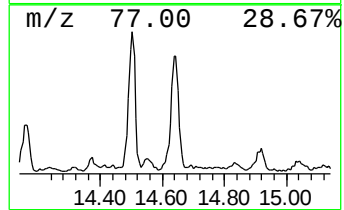
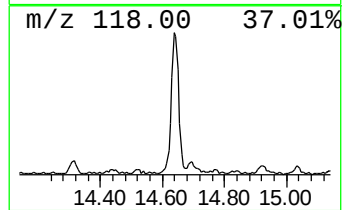
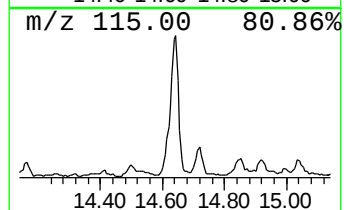
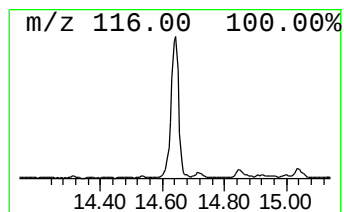
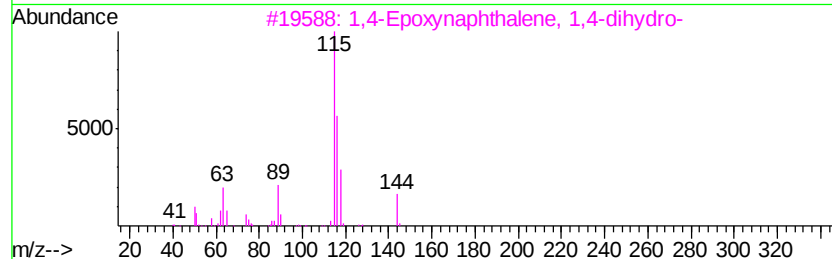
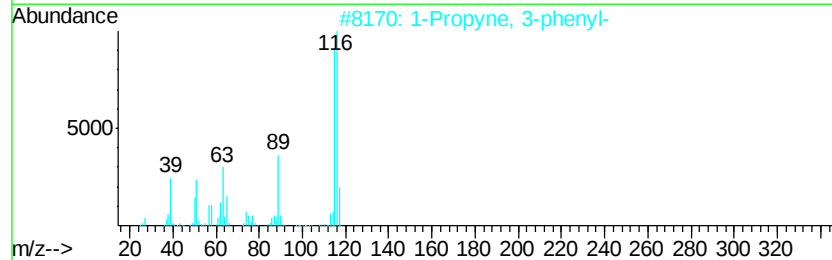
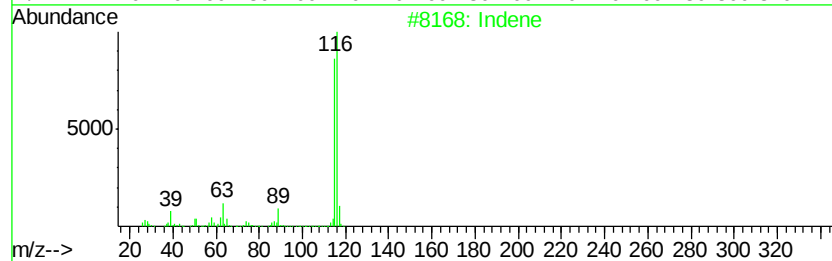
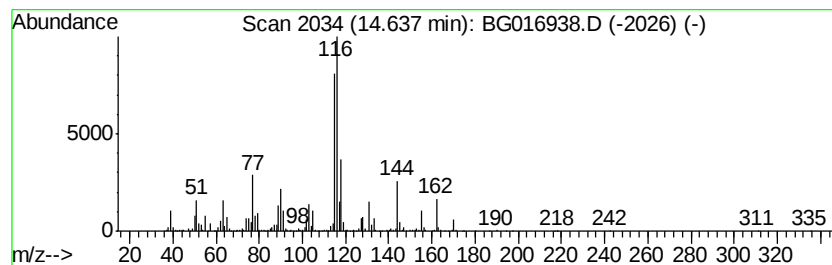
Instrument :  
BNA\_G  
ClientSampleId :  
DBMW-03

Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG050515.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 20 1-Propyne, 3-phenyl- Concentration Rank 16

| R.T.    | EstConc  | Area                                | Relative to ISTD | R.T.           |
|---------|----------|-------------------------------------|------------------|----------------|
| 14.64   | 31.68 ng | 1786600                             | Acenaphthene-d10 | 14.44          |
| Hit# of | 5        | Tentative ID                        | MW MolForm       | CAS# Qual      |
| 1       |          | Indene                              | 116 C9H8         | 000095-13-6 92 |
| 2       |          | 1-Propyne, 3-phenyl-                | 116 C9H8         | 010147-11-2 64 |
| 3       |          | 1,4-Epoxy-naphthalene, 1,4-dihydro- | 144 C10H8O       | 000573-57-9 53 |
| 4       |          | Benzene, 1-ethynyl-4-methyl-        | 116 C9H8         | 000766-97-2 47 |
| 5       |          | Cinnoline, 3-methyl-                | 144 C9H8N2       | 017372-78-0 42 |



Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG050715\  
 Data File : BG016938.D  
 Acq On : 8 May 2015 1:53  
 Operator : TP/IZ  
 Sample : G2038-05  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 DBMW-03

Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\8270-BG050515.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT 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... | 3.00  | 35.5    | ng    | 1085170  | 1                     | 7.80  | 610580  | 20.0 |
| Benzene, 1-ethyl...  | 6.89  | 50.8    | ng    | 1550660  | 1                     | 7.80  | 610580  | 20.0 |
| unknown7.33          | 7.33  | 82.0    | ng    | 2502740  | 1                     | 7.80  | 610580  | 20.0 |
| Benzene, 1-etheny... | 7.46  | 125.6   | ng    | 3834150  | 1                     | 7.80  | 610580  | 20.0 |
| Indane               | 8.17  | 199.5   | ng    | 6090740  | 1                     | 7.80  | 610580  | 20.0 |
| Indene               | 8.34  | 507.1   | ng    | 15481000 | 1                     | 7.80  | 610580  | 20.0 |
| Benzene, 2-ethyl...  | 8.90  | 26.9    | ng    | 822503   | 1                     | 7.80  | 610580  | 20.0 |
| 2-Methylindene       | 10.02 | 119.3   | ng    | 4664010  | 2                     | 10.60 | 782166  | 20.0 |
| 1H-Indene, 1-methyl- | 10.10 | 117.3   | ng    | 4586950  | 2                     | 10.60 | 782166  | 20.0 |
| 1,4-Dihydronaphth... | 10.30 | 29.3    | ng    | 1144860  | 2                     | 10.60 | 782166  | 20.0 |
| Ethanol, 2-(2-but... | 10.38 | 29.9    | ng    | 1169190  | 2                     | 10.60 | 782166  | 20.0 |
| 1H-Indenol           | 10.95 | 66.8    | ng    | 2611990  | 2                     | 10.60 | 782166  | 20.0 |
| 1-Propyne, 3-phenyl- | 14.64 | 31.7    | ng    | 1786600  | 3                     | 14.44 | 1127980 | 20.0 |