

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050815\  
 Data File : BF079098.D  
 Acq On : 9 May 2015 23:45  
 Operator : TP/IZ  
 Sample : G2038-04  
 Misc :  
 ALS Vial : 57 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 DBMW-02

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\_F\METHODS\8270-BF043015.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         | 1.610       | 34            | 37          | 41           | rVB      | 3147804        | 4016936       | 19.14%          | 2.841%        |
| 2         | 1.747       | 48            | 49          | 52           | rBV      | 394267         | 547042        | 2.61%           | 0.387%        |
| 3         | 1.804       | 52            | 54          | 57           | rVV      | 754251         | 1059246       | 5.05%           | 0.749%        |
| 4         | 1.873       | 58            | 60          | 94           | rVB      | 2958666        | 5859390       | 27.92%          | 4.144%        |
| 5         | 3.656       | 211           | 216         | 219          | rBV      | 1049158        | 1964473       | 9.36%           | 1.390%        |
| 6         | 5.119       | 342           | 344         | 349          | rVB      | 190216         | 240730        | 1.15%           | 0.170%        |
| 7         | 5.439       | 370           | 372         | 375          | rVB      | 1412798        | 2054516       | 9.79%           | 1.453%        |
| 8         | 5.576       | 381           | 384         | 391          | rBV2     | 2578762        | 6313482       | 30.09%          | 4.466%        |
| 9         | 5.896       | 409           | 412         | 415          | rVB      | 2968405        | 3238790       | 15.43%          | 2.291%        |
| 10        | 6.742       | 483           | 486         | 487          | rBV      | 1642669        | 1576224       | 7.51%           | 1.115%        |
| 11        | 6.776       | 487           | 489         | 492          | rVB      | 1003419        | 915590        | 4.36%           | 0.648%        |
| 12        | 6.833       | 492           | 494         | 496          | rBV      | 626313         | 566067        | 2.70%           | 0.400%        |
| 13        | 6.879       | 496           | 498         | 501          | rBV2     | 886749         | 1557264       | 7.42%           | 1.101%        |
| 14        | 6.936       | 501           | 503         | 505          | rVB      | 466467         | 473695        | 2.26%           | 0.335%        |
| 15        | 7.027       | 509           | 511         | 514          | rVB      | 1695164        | 2152492       | 10.26%          | 1.523%        |
| 16        | 7.107       | 516           | 518         | 522          | rBV2     | 1845781        | 3131715       | 14.92%          | 2.215%        |
| 17        | 7.325       | 534           | 537         | 539          | rBV      | 485201         | 663333        | 3.16%           | 0.469%        |
| 18        | 7.393       | 539           | 543         | 544          | rVB2     | 475760         | 637516        | 3.04%           | 0.451%        |
| 19        | 7.507       | 550           | 553         | 554          | rBV      | 2211753        | 2276749       | 10.85%          | 1.610%        |
| 20        | 7.542       | 554           | 556         | 559          | rVB      | 5520302        | 5562583       | 26.51%          | 3.935%        |
| 21        | 7.645       | 562           | 565         | 568          | rVB      | 7826081        | 12926778      | 61.60%          | 9.143%        |
| 22        | 7.725       | 570           | 572         | 573          | rBV      | 358924         | 392718        | 1.87%           | 0.278%        |
| 23        | 7.827       | 577           | 581         | 585          | rBV2     | 219290         | 412128        | 1.96%           | 0.292%        |
| 24        | 8.010       | 593           | 597         | 600          | rBV3     | 1604162        | 2930213       | 13.96%          | 2.073%        |
| 25        | 8.079       | 602           | 603         | 605          | rBV      | 254302         | 299897        | 1.43%           | 0.212%        |
| 26        | 8.170       | 609           | 611         | 614          | rVB2     | 143646         | 233424        | 1.11%           | 0.165%        |
| 27        | 8.388       | 628           | 630         | 632          | rVB      | 617887         | 663021        | 3.16%           | 0.469%        |
| 28        | 8.502       | 637           | 640         | 645          | rBV2     | 488404         | 880353        | 4.20%           | 0.623%        |
| 29        | 8.593       | 645           | 648         | 650          | rBV2     | 1997018        | 3283749       | 15.65%          | 2.323%        |
| 30        | 8.639       | 650           | 652         | 656          | rVB      | 1946100        | 4024260       | 19.18%          | 2.846%        |
| 31        | 8.742       | 659           | 661         | 662          | rBV      | 757098         | 699096        | 3.33%           | 0.494%        |
| 32        | 8.810       | 665           | 667         | 670          | rBV      | 1951711        | 2552906       | 12.17%          | 1.806%        |
| 33        | 8.948       | 673           | 679         | 681          | rVB      | 8255972        | 20985327      | 100.00%         | 14.843%       |
| 34        | 8.993       | 681           | 683         | 687          | rVB      | 1355773        | 1219982       | 5.81%           | 0.863%        |

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 Misc :  
 ALS Vial : 57 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 DBMW-02

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\_F\METHODS\8270-BF043015.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|    |        |     |     |     |      |         |         |        |        |
|----|--------|-----|-----|-----|------|---------|---------|--------|--------|
| 35 | 9.108  | 691 | 693 | 696 | rVB  | 2322479 | 2198229 | 10.48% | 1.555% |
| 36 | 9.233  | 703 | 704 | 707 | rVB2 | 422777  | 483764  | 2.31%  | 0.342% |
| 37 | 9.359  | 711 | 715 | 716 | rBV3 | 185569  | 307766  | 1.47%  | 0.218% |
| 38 | 9.428  | 719 | 721 | 724 | rBV4 | 185681  | 382773  | 1.82%  | 0.271% |
| 39 | 9.485  | 724 | 726 | 728 | rBV3 | 224745  | 438637  | 2.09%  | 0.310% |
| 40 | 9.519  | 728 | 729 | 733 | rVB  | 522794  | 699780  | 3.33%  | 0.495% |
| 41 | 9.633  | 737 | 739 | 742 | rVB  | 713459  | 872881  | 4.16%  | 0.617% |
| 42 | 9.725  | 742 | 747 | 749 | rBV4 | 166472  | 444949  | 2.12%  | 0.315% |
| 43 | 9.782  | 750 | 752 | 754 | rVB  | 3108715 | 3906951 | 18.62% | 2.763% |
| 44 | 9.908  | 760 | 763 | 765 | rBV  | 3656797 | 3449785 | 16.44% | 2.440% |
| 45 | 9.965  | 765 | 768 | 769 | rVV  | 357192  | 698081  | 3.33%  | 0.494% |
| 46 | 10.011 | 769 | 772 | 777 | rVB  | 979374  | 1870456 | 8.91%  | 1.323% |
| 47 | 10.113 | 777 | 781 | 783 | rBV4 | 269152  | 646554  | 3.08%  | 0.457% |
| 48 | 10.239 | 790 | 792 | 794 | rVB  | 2613018 | 2991183 | 14.25% | 2.116% |
| 49 | 10.273 | 794 | 795 | 799 | rVB  | 266591  | 286100  | 1.36%  | 0.202% |
| 50 | 10.365 | 799 | 803 | 805 | rBV  | 958551  | 1138006 | 5.42%  | 0.805% |
| 51 | 10.479 | 811 | 813 | 815 | rBV  | 506472  | 603051  | 2.87%  | 0.427% |
| 52 | 10.513 | 815 | 816 | 818 | rVV2 | 239988  | 384132  | 1.83%  | 0.272% |
| 53 | 10.559 | 818 | 820 | 822 | rVV2 | 380869  | 734534  | 3.50%  | 0.520% |
| 54 | 10.628 | 822 | 826 | 830 | rVV4 | 555344  | 1756015 | 8.37%  | 1.242% |
| 55 | 10.742 | 834 | 836 | 839 | rBV4 | 118768  | 262379  | 1.25%  | 0.186% |
| 56 | 10.799 | 839 | 841 | 842 | rBV  | 461191  | 509347  | 2.43%  | 0.360% |
| 57 | 10.902 | 846 | 850 | 852 | rBV  | 2119605 | 2385761 | 11.37% | 1.688% |
| 58 | 11.073 | 862 | 865 | 867 | rBV  | 889404  | 912782  | 4.35%  | 0.646% |
| 59 | 11.119 | 867 | 869 | 871 | rVB  | 1076762 | 1513029 | 7.21%  | 1.070% |
| 60 | 11.165 | 871 | 873 | 875 | rBV  | 311275  | 482534  | 2.30%  | 0.341% |
| 61 | 11.199 | 875 | 876 | 878 | rVV2 | 393712  | 611111  | 2.91%  | 0.432% |
| 62 | 11.245 | 878 | 880 | 884 | rVB2 | 401395  | 762675  | 3.63%  | 0.539% |
| 63 | 11.325 | 884 | 887 | 891 | rBV3 | 166149  | 256596  | 1.22%  | 0.181% |
| 64 | 11.474 | 898 | 900 | 902 | rBV2 | 206597  | 282162  | 1.34%  | 0.200% |
| 65 | 11.759 | 923 | 925 | 927 | rVV  | 607773  | 861658  | 4.11%  | 0.609% |
| 66 | 11.839 | 929 | 932 | 935 | rVV4 | 85697   | 215644  | 1.03%  | 0.153% |
| 67 | 11.908 | 935 | 938 | 941 | rVV4 | 159799  | 327393  | 1.56%  | 0.232% |
| 68 | 11.976 | 941 | 944 | 947 | rVV4 | 103790  | 233999  | 1.12%  | 0.166% |
| 69 | 12.056 | 947 | 951 | 954 | rVB2 | 1910689 | 2119365 | 10.10% | 1.499% |
| 70 | 12.239 | 963 | 967 | 971 | rVB4 | 132322  | 299214  | 1.43%  | 0.212% |
| 71 | 12.434 | 981 | 984 | 986 | rBV  | 143111  | 218392  | 1.04%  | 0.154% |

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Misc :  
ALS Vial : 57 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
DBMW-02

Integration Parameters: rteint.p  
Integrator: RTE  
Smoothing : ON Filtering: 5  
Sampling : 1 Min Area: 3 % of largest Peak  
Start Thrs: 0.2 Max Peaks: 100  
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
Peak separation: 5

Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF043015.M  
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 72 | 12.845 | 1018 | 1020 | 1024 | rVV  | 222570  | 336442  | 1.60%  | 0.238% |
| 73 | 12.914 | 1024 | 1026 | 1028 | rVV  | 555577  | 866588  | 4.13%  | 0.613% |
| 74 | 12.948 | 1028 | 1029 | 1031 | rVV  | 1004498 | 885033  | 4.22%  | 0.626% |
| 75 | 13.005 | 1031 | 1034 | 1037 | rVV2 | 238465  | 439811  | 2.10%  | 0.311% |
| 76 | 13.062 | 1037 | 1039 | 1042 | rVB  | 450641  | 488796  | 2.33%  | 0.346% |
| 77 | 13.222 | 1049 | 1053 | 1055 | rBV  | 354514  | 501977  | 2.39%  | 0.355% |
| 78 | 13.679 | 1091 | 1093 | 1095 | rVV3 | 179548  | 252564  | 1.20%  | 0.179% |
| 79 | 14.708 | 1180 | 1183 | 1188 | rBV  | 213862  | 282608  | 1.35%  | 0.200% |
| 80 | 14.914 | 1198 | 1201 | 1204 | rBV  | 2483531 | 2751061 | 13.11% | 1.946% |
| 81 | 16.217 | 1312 | 1315 | 1316 | rBV  | 684758  | 890863  | 4.25%  | 0.630% |
| 82 | 17.966 | 1465 | 1468 | 1471 | rBV  | 668968  | 823144  | 3.92%  | 0.582% |

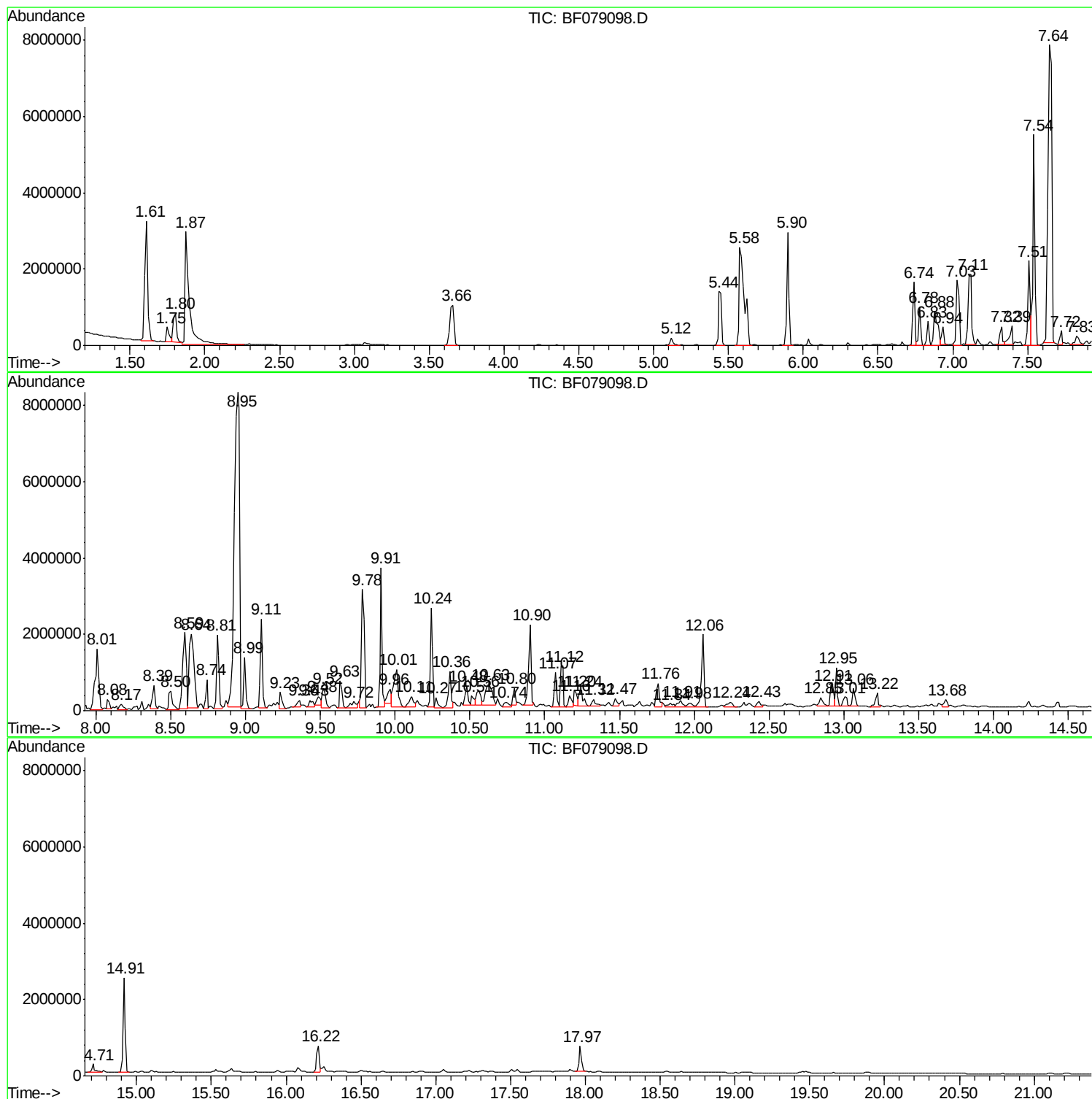
Sum of corrected areas: 141378240

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF050815\  
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Sample : G2038-04  
Misc :  
ALS Vial : 57 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampled :  
DBMW-02

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF043015.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 F\DATA\BF050815\  
Data File : BF079098.D  
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Operator : TP/IZ  
Sample : G2038-04  
Misc :  
ALS Vial : 57 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
DBMW-02

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

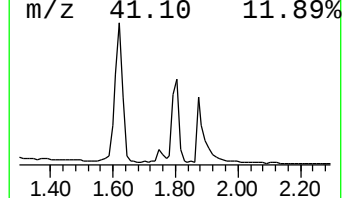
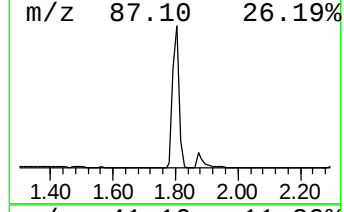
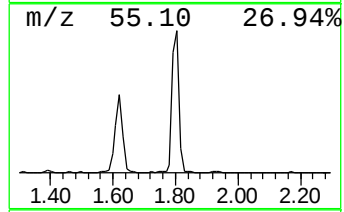
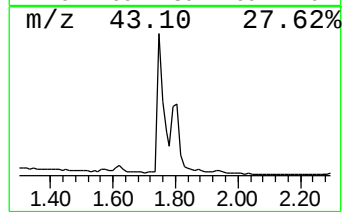
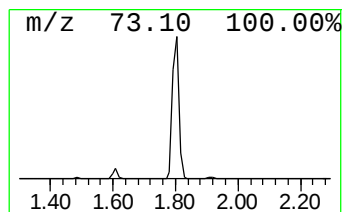
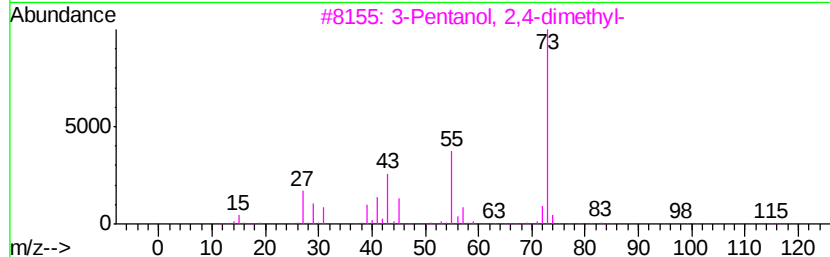
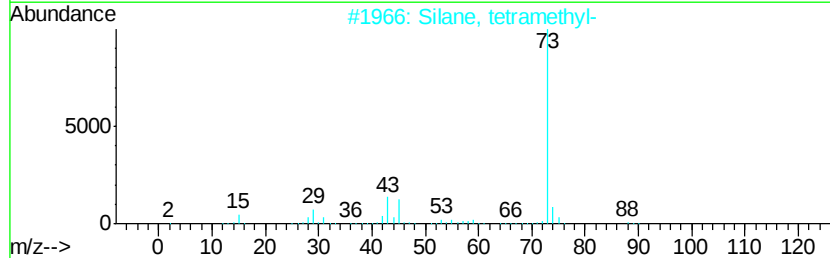
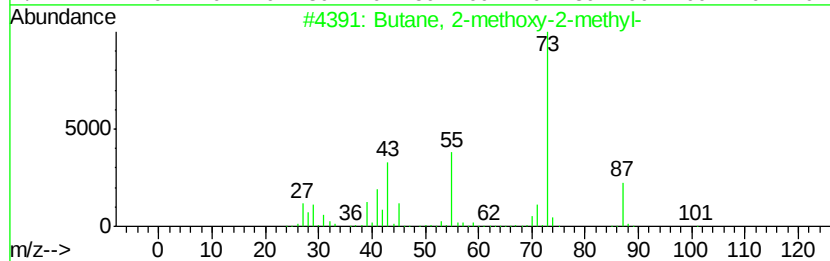
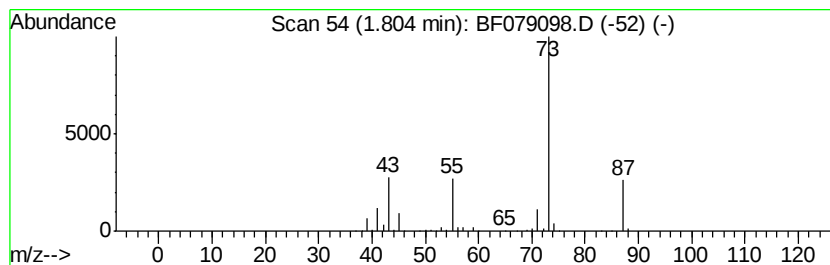
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 1.80 | 31.94 ng | 1059250 | 1,4-Dichlorobenzene-d4 | 7.32 |

| Hit# of | 5 | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|---------|---|-----------------------------|-----|---------|-------------|------|
| 1       |   | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 78   |
| 2       |   | Silane, tetramethyl-        | 88  | C4H12Si | 000075-76-3 | 43   |
| 3       |   | 3-Pentanol, 2,4-dimethyl-   | 116 | C7H16O  | 000600-36-2 | 25   |
| 4       |   | Pentane, 3-methoxy-         | 102 | C6H14O  | 036839-67-5 | 17   |
| 5       |   | Acetamide, N-ethyl-         | 87  | C4H9NO  | 000625-50-3 | 9    |



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Instrument :  
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ClientSampleId :  
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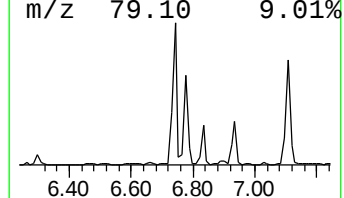
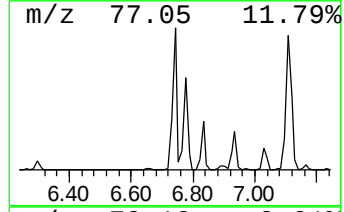
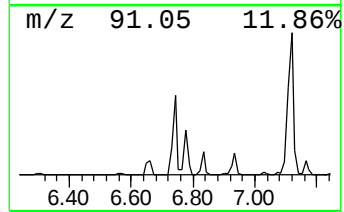
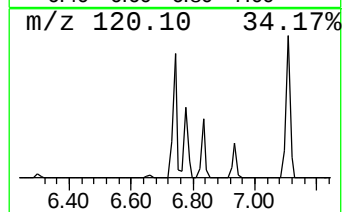
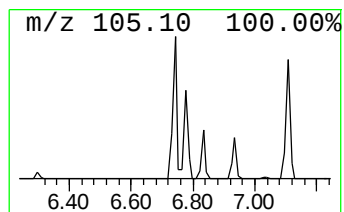
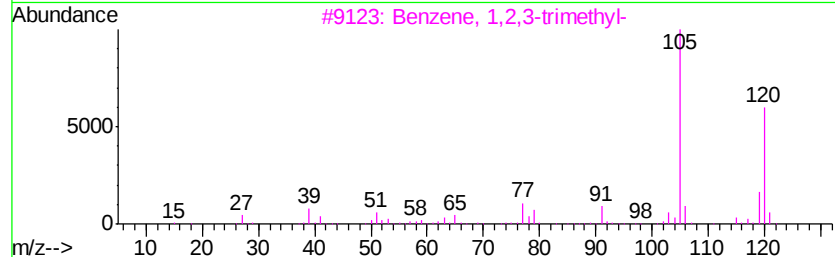
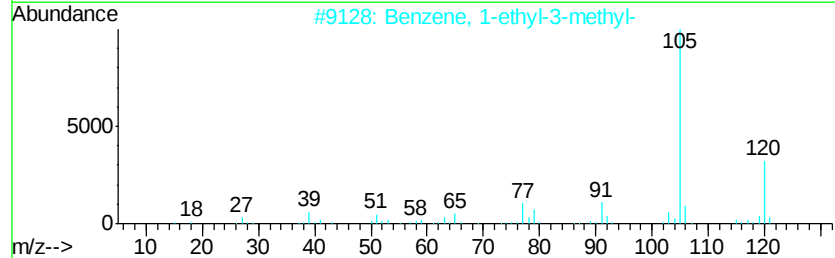
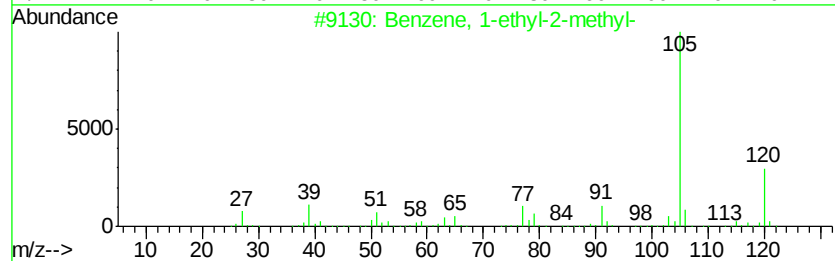
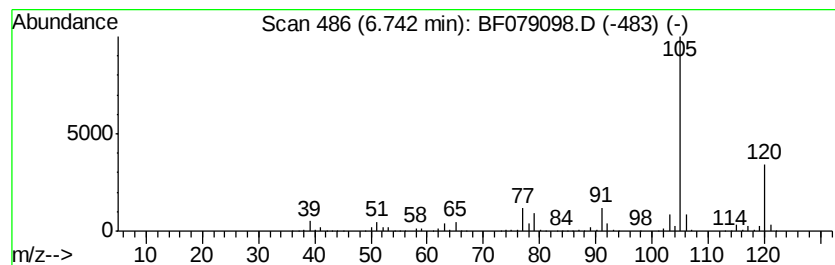
Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF043015.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 8 Benzene, 1-ethyl-2-methyl- Concentration Rank 10

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 6.74 | 47.52 ng | 1576220 | 1,4-Dichlorobenzene-d4 | 7.32 |

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



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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

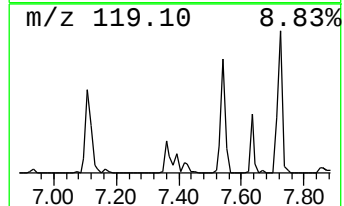
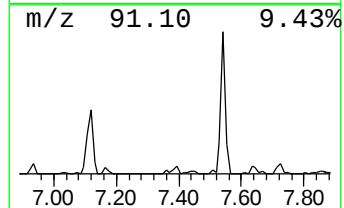
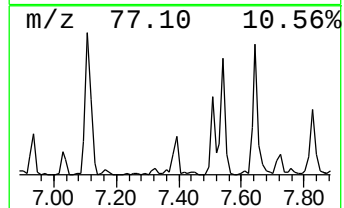
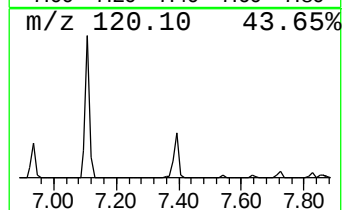
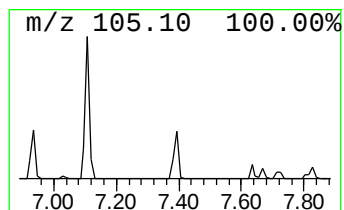
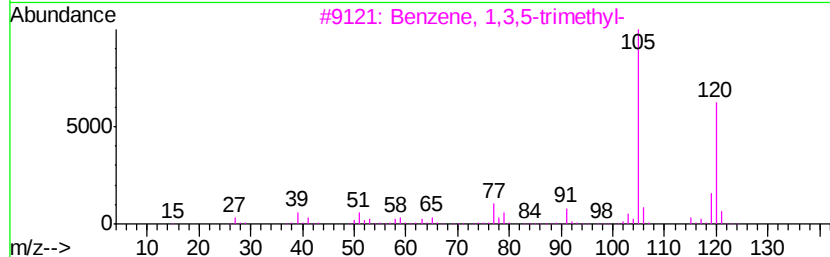
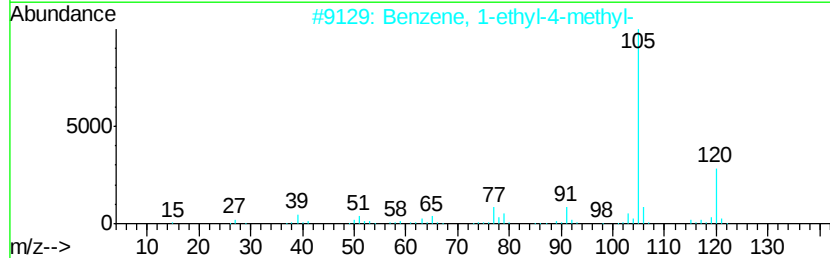
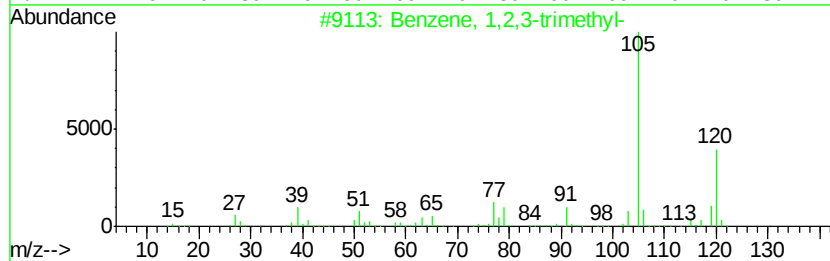
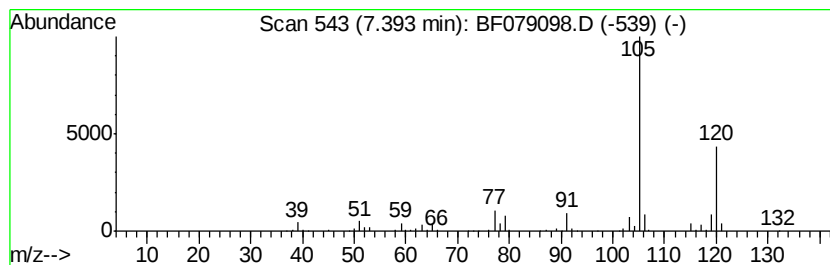
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 11 Benzene, 1-ethyl-4-methyl- Concentration Rank 15

| R.T. | EstConc  | Area   | Relative to ISTD       | R.T. |
|------|----------|--------|------------------------|------|
| 7.39 | 19.22 ng | 637516 | 1,4-Dichlorobenzene-d4 | 7.32 |

| Hit# | of | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|----------------------------|-----|---------|-------------|------|
| 1    | 5  | Benzene, 1,2,3-trimethyl-  | 120 | C9H12   | 000526-73-8 | 95   |
| 2    |    | Benzene, 1-ethyl-4-methyl- | 120 | C9H12   | 000622-96-8 | 94   |
| 3    |    | Benzene, 1,3,5-trimethyl-  | 120 | C9H12   | 000108-67-8 | 94   |
| 4    |    | Benzene, 1,2,4-trimethyl-  | 120 | C9H12   | 000095-63-6 | 91   |
| 5    |    | Benzene, 1-ethyl-3-methyl- | 120 | C9H12   | 000620-14-4 | 91   |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF050815\  
Data File : BF079098.D  
Acq On : 9 May 2015 23:45  
Operator : TP/IZ  
Sample : G2038-04  
Misc :  
ALS Vial : 57 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
DBMW-02

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

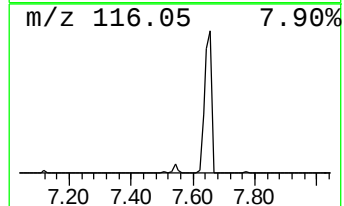
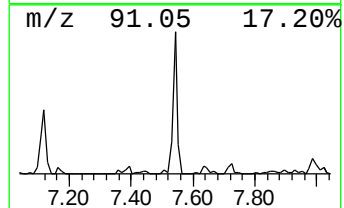
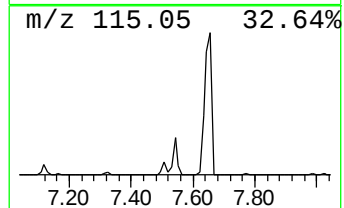
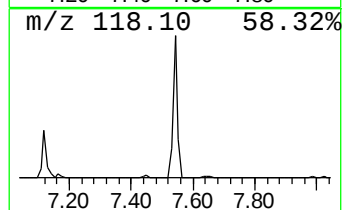
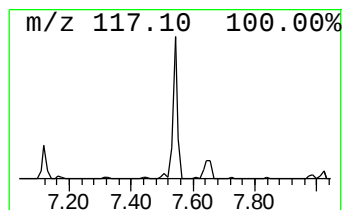
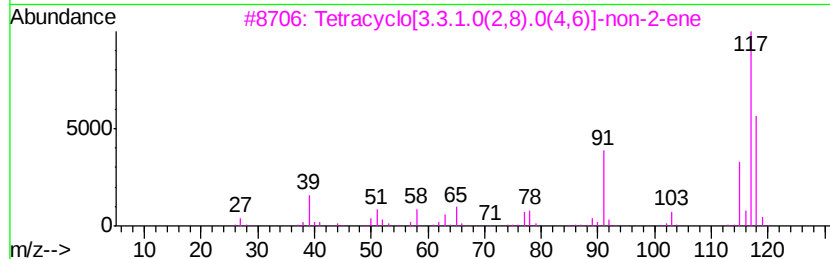
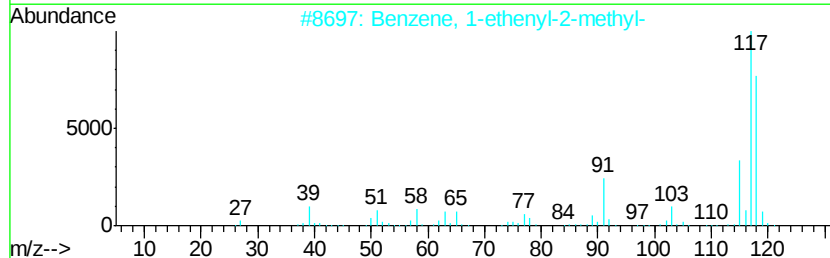
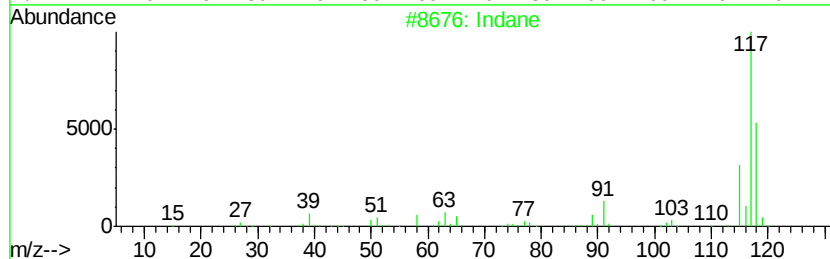
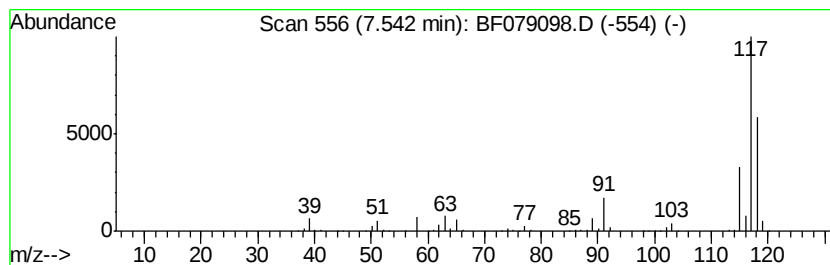
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TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 13 Indane Concentration Rank 3

| R.T. | EstConc   | Area    | Relative to ISTD       | R.T. |
|------|-----------|---------|------------------------|------|
| 7.54 | 167.72 ng | 5562580 | 1,4-Dichlorobenzene-d4 | 7.32 |

| 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  | 83   |
| 3    |    | Tetracyclo[3.3.1.0(2,8).0(4,6)]- | 118 | C9H10   | 1000191-13-7 | 80   |
| 4    |    | Benzene, 2-propenyl-             | 118 | C9H10   | 000300-57-2  | 72   |
| 5    |    | Deltacyclene                     | 118 | C9H10   | 007785-10-6  | 64   |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF050815\  
Data File : BF079098.D  
Acq On : 9 May 2015 23:45  
Operator : TP/IZ  
Sample : G2038-04  
Misc :  
ALS Vial : 57 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
DBMW-02

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

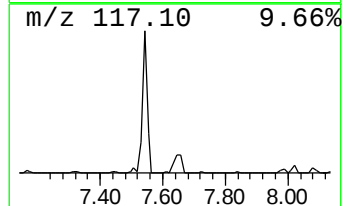
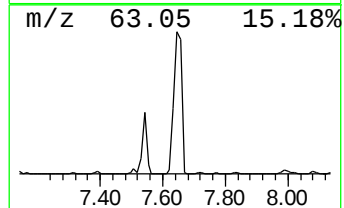
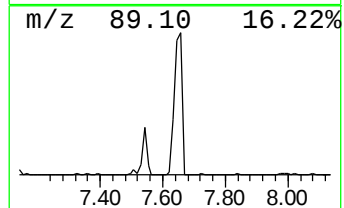
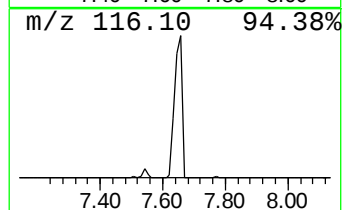
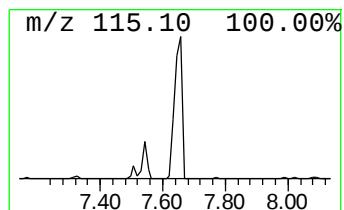
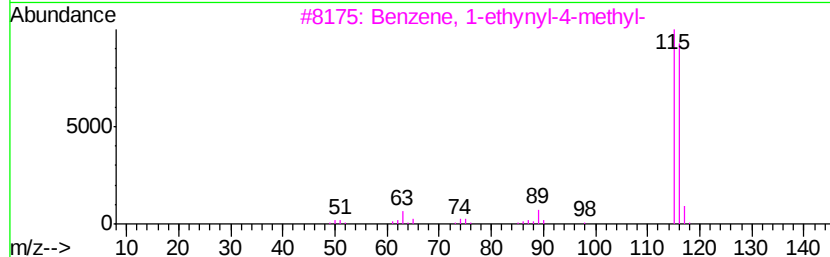
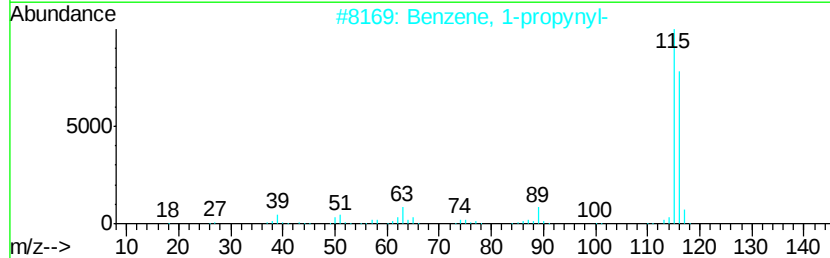
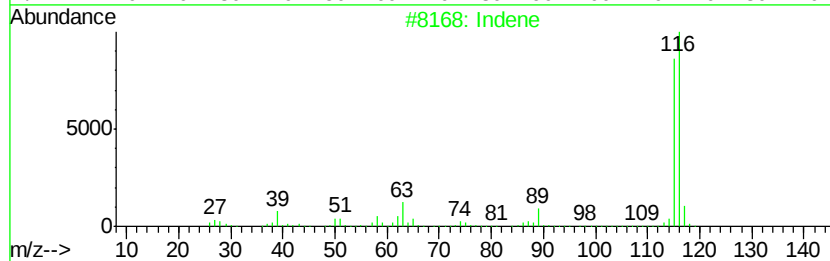
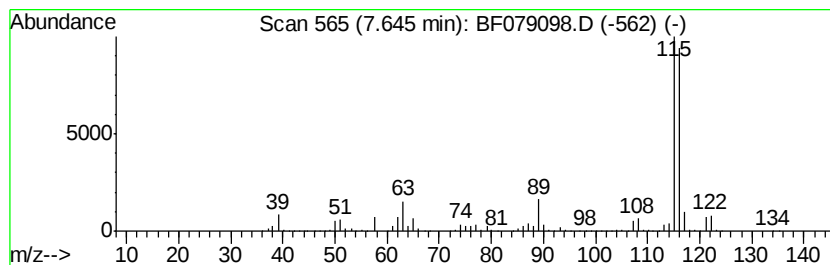
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 14 Indene Concentration Rank 1

| R.T. | EstConc   | Area     | Relative to ISTD       | R.T. |
|------|-----------|----------|------------------------|------|
| 7.64 | 389.75 ng | 12926800 | 1,4-Dichlorobenzene-d4 | 7.32 |

| Hit# | of | Tentative ID                 | MW  | MolForm | CAS#        | Qual |
|------|----|------------------------------|-----|---------|-------------|------|
| 1    | 5  | Indene                       | 116 | C9H8    | 000095-13-6 | 95   |
| 2    |    | Benzene, 1-propynyl-         | 116 | C9H8    | 000673-32-5 | 93   |
| 3    |    | Benzene, 1-ethynyl-4-methyl- | 116 | C9H8    | 000766-97-2 | 87   |
| 4    |    | Benzene, 1,2-propadienyl-    | 116 | C9H8    | 002327-99-3 | 87   |
| 5    |    | Benzene,1-ethynyl-2-methyl-  | 116 | C9H8    | 000766-47-2 | 87   |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF050815\  
Data File : BF079098.D  
Acq On : 9 May 2015 23:45  
Operator : TP/IZ  
Sample : G2038-04  
Misc :  
ALS Vial : 57 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
DBMW-02

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

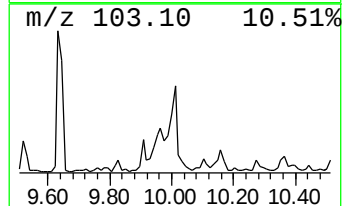
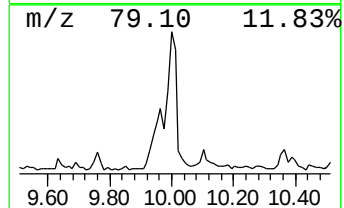
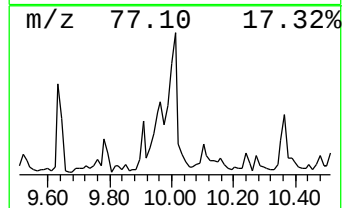
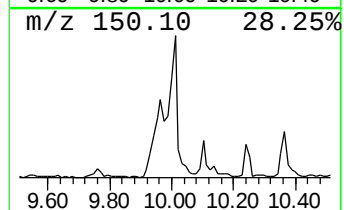
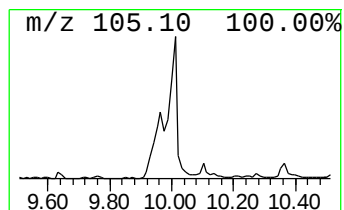
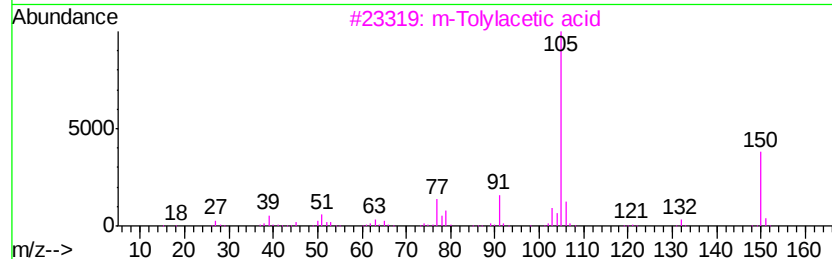
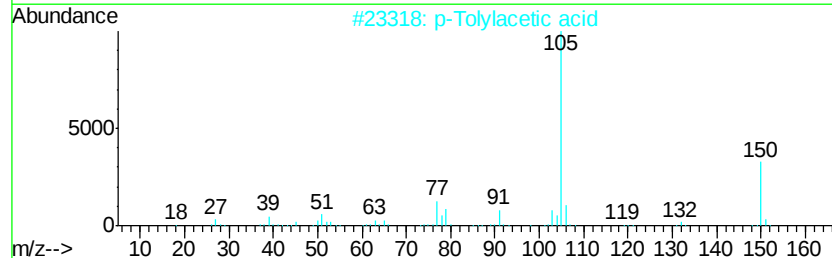
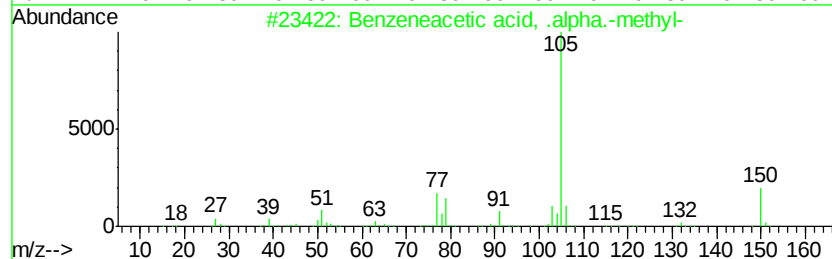
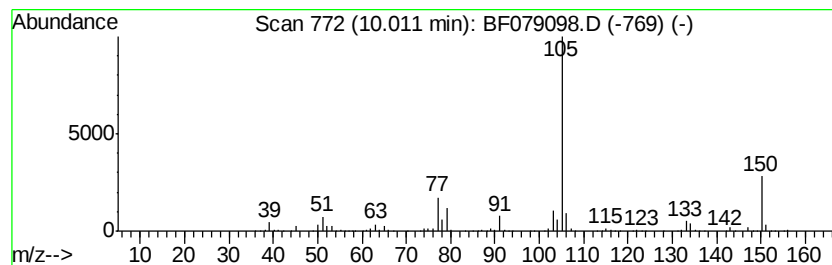
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 15 Benzeneacetic acid, .alpha.... Concentration Rank 11

| R.T.  | EstConc  | Area    | Relative to ISTD | R.T.  |
|-------|----------|---------|------------------|-------|
| 10.01 | 40.98 ng | 1870460 | Acenaphthene-d10 | 11.07 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------------|-----|---------|-------------|------|
| 1    | 5  | Benzeneacetic acid, .alpha.-methyl- | 150 | C9H10O2 | 000492-37-5 | 87   |
| 2    |    | p-Tolylacetic acid                  | 150 | C9H10O2 | 000622-47-9 | 87   |
| 3    |    | m-Tolylacetic acid                  | 150 | C9H10O2 | 000621-36-3 | 87   |
| 4    |    | Benzoic acid, 3,4-dimethyl-         | 150 | C9H10O2 | 000619-04-5 | 78   |
| 5    |    | Benzeneacetic acid, .alpha.-meth... | 150 | C9H10O2 | 007782-26-5 | 70   |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF050815\  
Data File : BF079098.D  
Acq On : 9 May 2015 23:45  
Operator : TP/IZ  
Sample : G2038-04  
Misc :  
ALS Vial : 57 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
DBMW-02

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

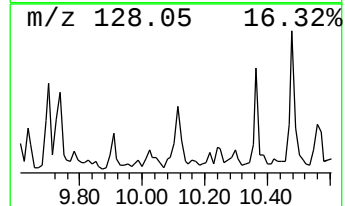
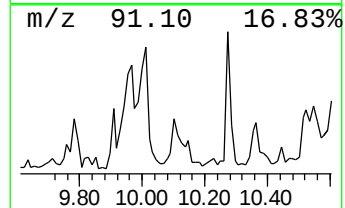
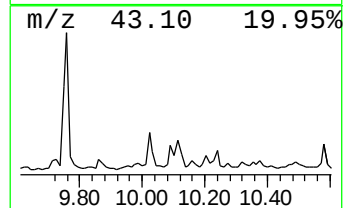
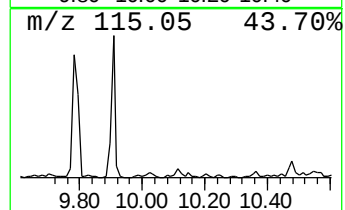
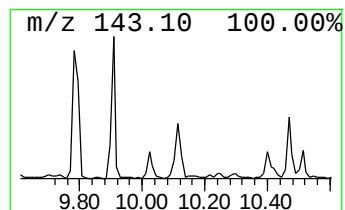
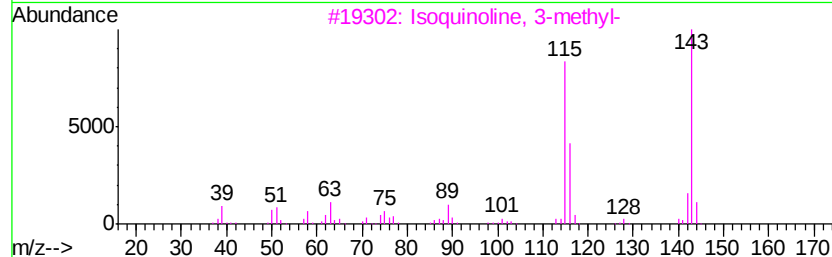
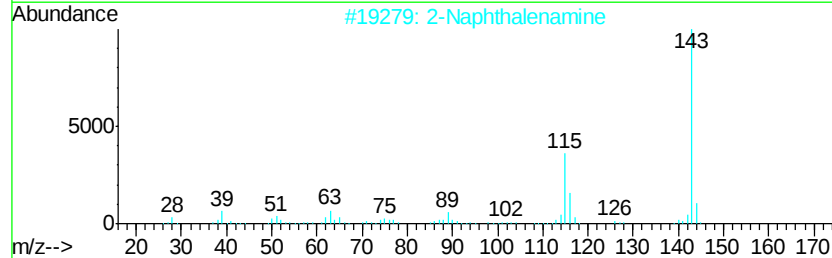
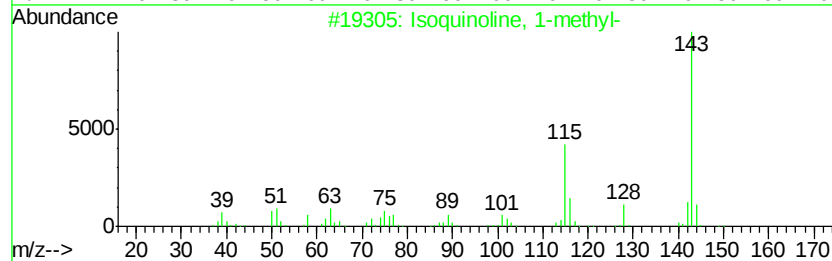
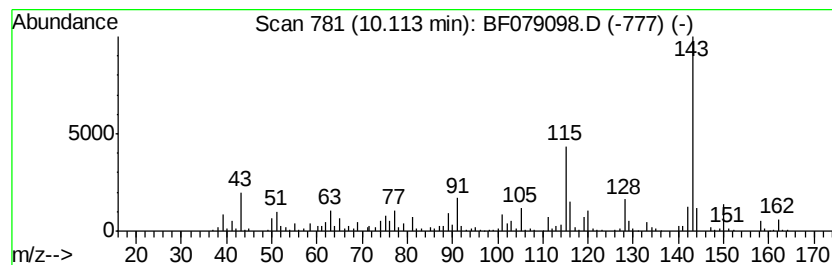
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 16 Isoquinoline, 1-methyl- Concentration Rank 19

| R.T.  | EstConc  | Area   | Relative to ISTD | R.T.  |
|-------|----------|--------|------------------|-------|
| 10.11 | 14.17 ng | 646554 | Acenaphthene-d10 | 11.07 |

| Hit# | of | Tentative ID            | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------|-----|---------|-------------|------|
| 1    | 5  | Isoquinoline, 1-methyl- | 143 | C10H9N  | 001721-93-3 | 95   |
| 2    |    | 2-Naphthalenamine       | 143 | C10H9N  | 000091-59-8 | 81   |
| 3    |    | Isoquinoline, 3-methyl- | 143 | C10H9N  | 001125-80-0 | 81   |
| 4    |    | Quinoline, 3-methyl-    | 143 | C10H9N  | 000612-58-8 | 76   |
| 5    |    | Quinoline, 2-methyl-    | 143 | C10H9N  | 000091-63-4 | 70   |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF050815\  
Data File : BF079098.D  
Acq On : 9 May 2015 23:45  
Operator : TP/IZ  
Sample : G2038-04  
Misc :  
ALS Vial : 57 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
DBMW-02

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

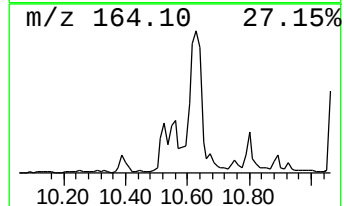
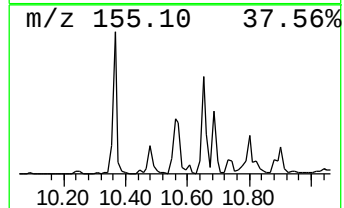
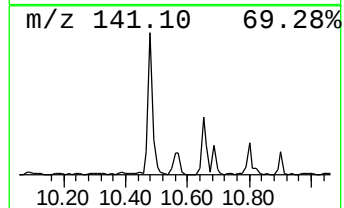
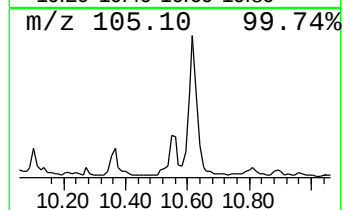
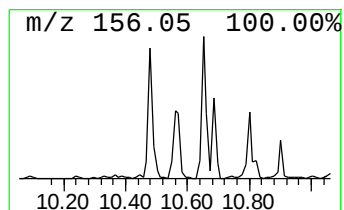
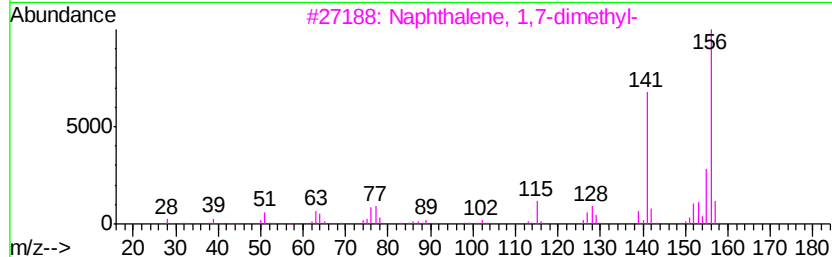
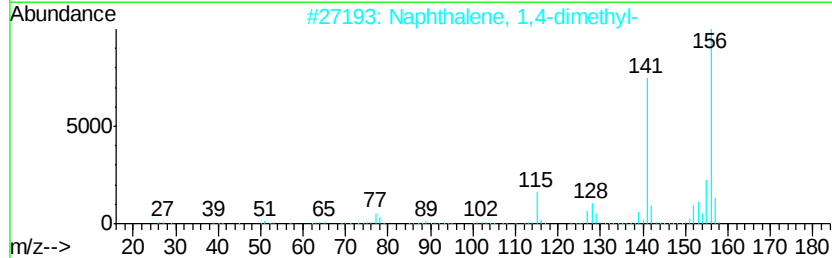
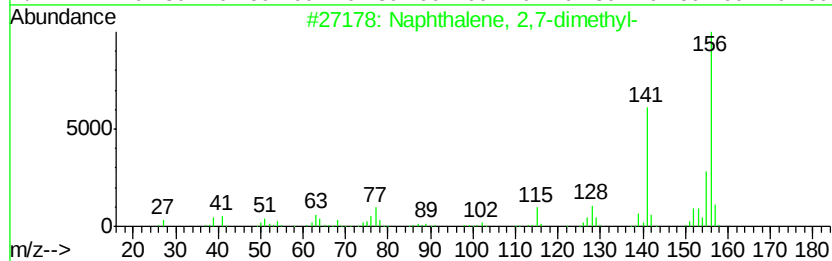
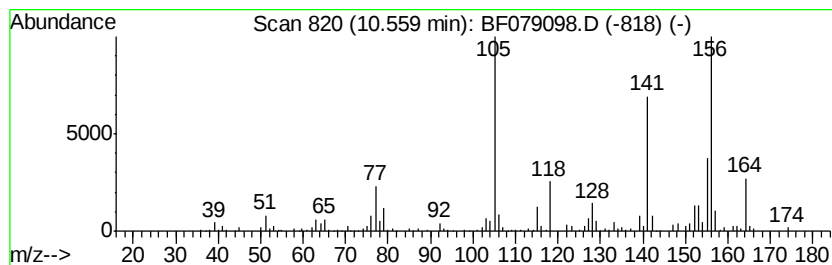
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 17 Naphthalene, 2,7-dimethyl- Concentration Rank 18

| R.T.  | EstConc  | Area   | Relative to ISTD | R.T.  |
|-------|----------|--------|------------------|-------|
| 10.56 | 16.09 ng | 734534 | Acenaphthene-d10 | 11.07 |

| Hit# | of | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|----------------------------|-----|---------|-------------|------|
| 1    | 5  | Naphthalene, 2,7-dimethyl- | 156 | C12H12  | 000582-16-1 | 96   |
| 2    |    | Naphthalene, 1,4-dimethyl- | 156 | C12H12  | 000571-58-4 | 96   |
| 3    |    | Naphthalene, 1,7-dimethyl- | 156 | C12H12  | 000575-37-1 | 96   |
| 4    |    | Naphthalene, 1,6-dimethyl- | 156 | C12H12  | 000575-43-9 | 96   |
| 5    |    | Naphthalene, 2,3-dimethyl- | 156 | C12H12  | 000581-40-8 | 95   |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF050815\  
Data File : BF079098.D  
Acq On : 9 May 2015 23:45  
Operator : TP/IZ  
Sample : G2038-04  
Misc :  
ALS Vial : 57 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
DBMW-02

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

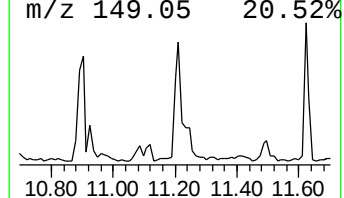
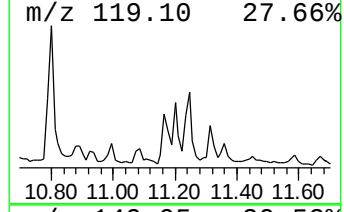
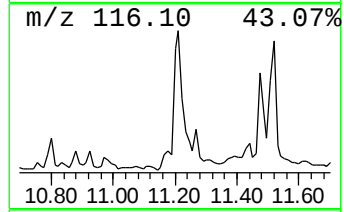
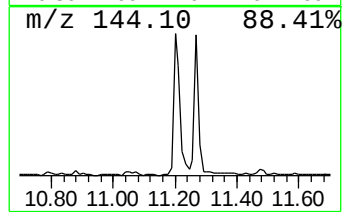
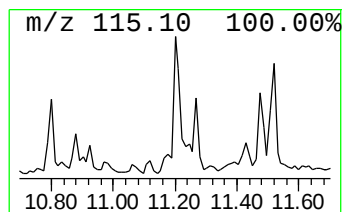
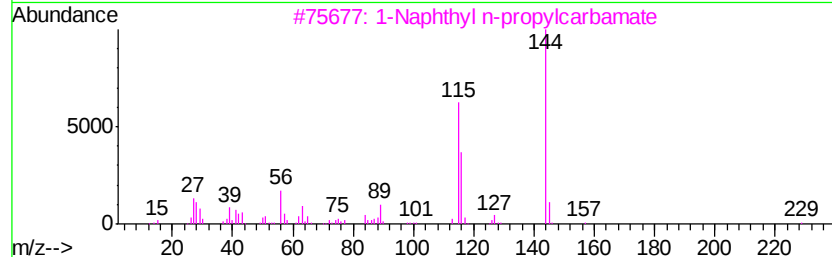
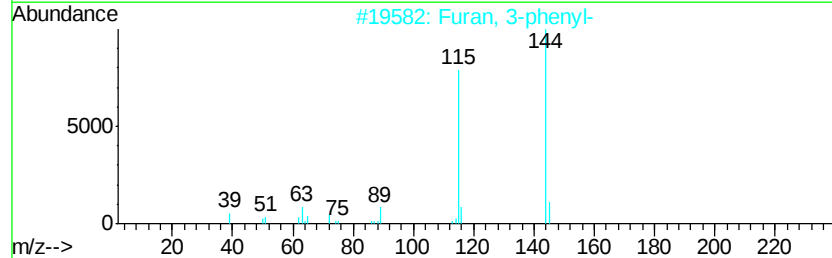
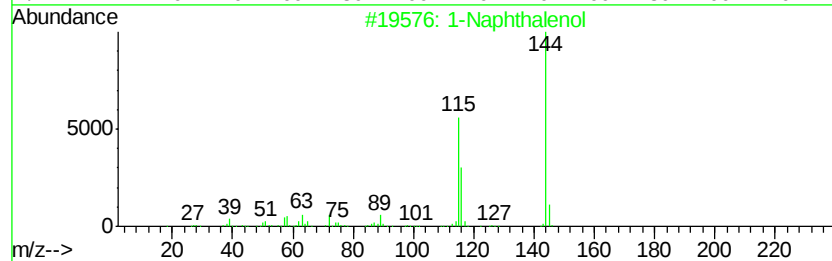
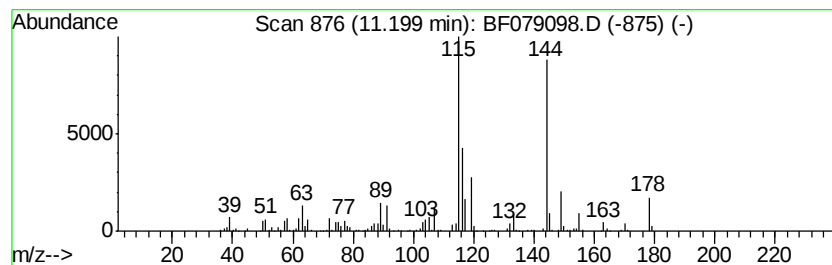
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 19 1-Naphthalenol Concentration Rank 20

| R.T.  | EstConc  | Area   | Relative to ISTD | R.T.  |
|-------|----------|--------|------------------|-------|
| 11.20 | 13.39 ng | 611111 | Acenaphthene-d10 | 11.07 |

| Hit# | of | Tentative ID                 | MW  | MolForm   | CAS#        | Qual |
|------|----|------------------------------|-----|-----------|-------------|------|
| 1    | 5  | 1-Naphthalenol               | 144 | C10H8O    | 000090-15-3 | 94   |
| 2    |    | Furan, 3-phenyl-             | 144 | C10H8O    | 013679-41-9 | 60   |
| 3    |    | 1-Naphthyl n-propylcarbamate | 229 | C14H15NO2 | 025216-27-7 | 59   |
| 4    |    | Cinnoline, 3-methyl-         | 144 | C9H8N2    | 017372-78-0 | 53   |
| 5    |    | Benzofuran, 2-ethenyl-       | 144 | C10H8O    | 007522-79-4 | 53   |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF050815\  
Data File : BF079098.D  
Acq On : 9 May 2015 23:45  
Operator : TP/IZ  
Sample : G2038-04  
Misc :  
ALS Vial : 57 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
DBMW-02

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

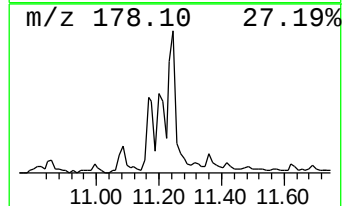
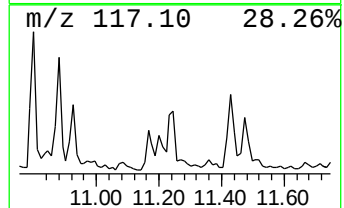
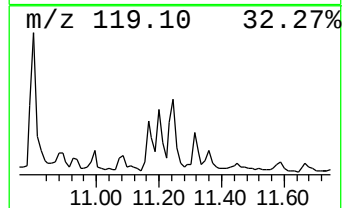
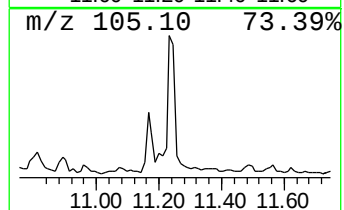
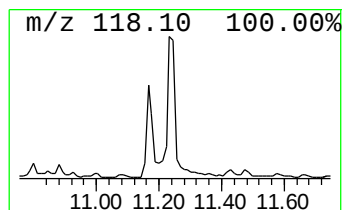
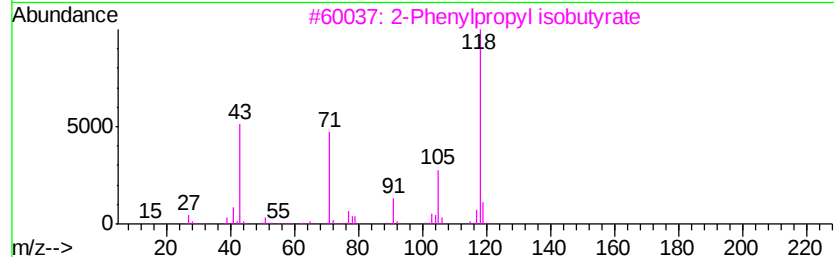
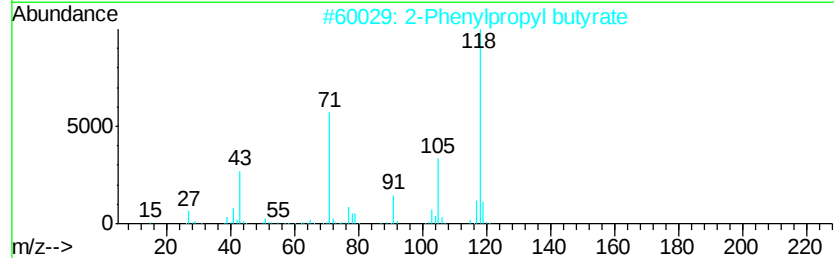
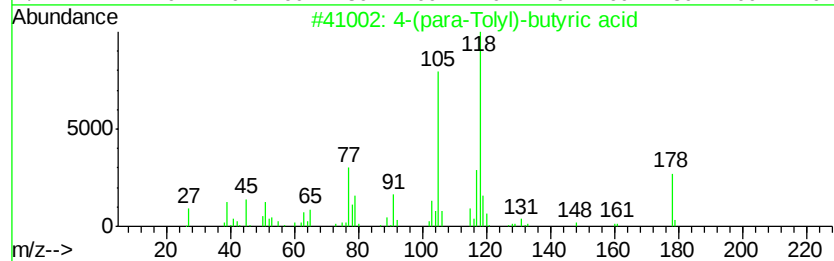
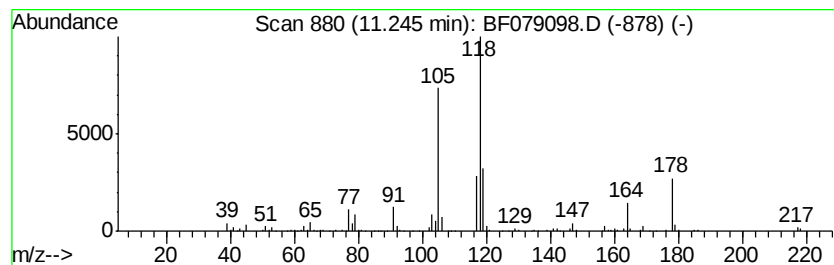
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 20 4-(para-Tolyl)-butyric acid Concentration Rank 16

| R.T.  | EstConc  | Area   | Relative to ISTD | R.T.  |
|-------|----------|--------|------------------|-------|
| 11.25 | 16.71 ng | 762675 | Acenaphthene-d10 | 11.07 |

| Hit# | of | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|-------------------------------------|-----|----------|-------------|------|
| 1    | 5  | 4-(para-Tolyl)-butyric acid         | 178 | C11H14O2 | 004521-22-6 | 83   |
| 2    |    | 2-Phenylpropyl butyrate             | 206 | C13H18O2 | 080866-83-7 | 50   |
| 3    |    | 2-Phenylpropyl isobutyrate          | 206 | C13H18O2 | 065813-53-8 | 50   |
| 4    |    | 3-(3-Methylphenyl)propionic acid    | 164 | C10H12O2 | 003751-48-2 | 43   |
| 5    |    | Benzenepropanoic acid, .beta.-me... | 178 | C11H14O2 | 003461-39-0 | 43   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF050815\  
 Data File : BF079098.D  
 Acq On : 9 May 2015 23:45  
 Operator : TP/IZ  
 Sample : G2038-04  
 Misc :  
 ALS Vial : 57 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 DBMW-02

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF043015.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... | 1.80  | 31.9    | ng    | 1059250  | 1                     | 7.32  | 663333 | 20.0 |
| Benzene, 1-ethyl-... | 6.74  | 47.5    | ng    | 1576220  | 1                     | 7.32  | 663333 | 20.0 |
| Benzene, 1-ethyl-... | 7.39  | 19.2    | ng    | 637516   | 1                     | 7.32  | 663333 | 20.0 |
| Indane               | 7.54  | 167.7   | ng    | 5562580  | 1                     | 7.32  | 663333 | 20.0 |
| Indene               | 7.64  | 389.8   | ng    | 12926800 | 1                     | 7.32  | 663333 | 20.0 |
| Benzeneacetic aci... | 10.01 | 41.0    | ng    | 1870460  | 3                     | 11.07 | 912782 | 20.0 |
| Isoquinoline, 1-m... | 10.11 | 14.2    | ng    | 646554   | 3                     | 11.07 | 912782 | 20.0 |
| Naphthalene, 2,7-... | 10.56 | 16.1    | ng    | 734534   | 3                     | 11.07 | 912782 | 20.0 |
| 1-Naphthalenol       | 11.20 | 13.4    | ng    | 611111   | 3                     | 11.07 | 912782 | 20.0 |
| 4-(para-Tolyl)-bu... | 11.25 | 16.7    | ng    | 762675   | 3                     | 11.07 | 912782 | 20.0 |