

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF012615\  
 Data File : BF077090.D  
 Acq On : 27 Jan 2015 18:11  
 Operator : TP/IZ  
 Sample : G1137-08  
 Misc :  
 ALS Vial : 42 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 104B1B

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-BF011415.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         | 1.407       | 26            | 28          | 40           | rVB      | 25746          | 55563         | 5.00%           | 0.246%        |
| 2         | 4.584       | 302           | 306         | 316          | rVB      | 102665         | 272513        | 24.50%          | 1.209%        |
| 3         | 4.801       | 322           | 325         | 336          | rBV      | 123596         | 253257        | 22.77%          | 1.123%        |
| 4         | 5.144       | 351           | 355         | 359          | rBV      | 175676         | 329568        | 29.63%          | 1.462%        |
| 5         | 6.722       | 488           | 493         | 496          | rBV      | 92436          | 164271        | 14.77%          | 0.728%        |
| 6         | 6.790       | 496           | 499         | 502          | rVV      | 34300          | 58770         | 5.28%           | 0.261%        |
| 7         | 6.905       | 505           | 509         | 513          | rBV      | 163997         | 279774        | 25.16%          | 1.241%        |
| 8         | 7.065       | 519           | 523         | 527          | rBV      | 169881         | 276944        | 24.90%          | 1.228%        |
| 9         | 7.179       | 530           | 533         | 537          | rVV      | 75499          | 139000        | 12.50%          | 0.616%        |
| 10        | 7.259       | 537           | 540         | 548          | rVV      | 348633         | 583846        | 52.50%          | 2.589%        |
| 11        | 7.396       | 548           | 552         | 559          | rVB      | 156536         | 275109        | 24.74%          | 1.220%        |
| 12        | 7.762       | 581           | 584         | 588          | rBV      | 112095         | 179530        | 16.14%          | 0.796%        |
| 13        | 7.899       | 593           | 596         | 600          | rBV      | 354610         | 618820        | 55.64%          | 2.744%        |
| 14        | 8.082       | 609           | 612         | 615          | rBV      | 382806         | 636575        | 57.24%          | 2.823%        |
| 15        | 8.150       | 615           | 618         | 624          | rVB      | 62964          | 122359        | 11.00%          | 0.543%        |
| 16        | 8.596       | 649           | 657         | 659          | rBV      | 95728          | 211471        | 19.01%          | 0.938%        |
| 17        | 8.722       | 662           | 668         | 670          | rVV      | 41673          | 92238         | 8.29%           | 0.409%        |
| 18        | 8.905       | 681           | 684         | 686          | rVV      | 75533          | 117651        | 10.58%          | 0.522%        |
| 19        | 8.950       | 686           | 688         | 691          | rVV      | 69947          | 121767        | 10.95%          | 0.540%        |
| 20        | 9.065       | 695           | 698         | 702          | rBV      | 457125         | 785815        | 70.66%          | 3.485%        |
| 21        | 9.373       | 720           | 725         | 729          | rVB2     | 64303          | 136422        | 12.27%          | 0.605%        |
| 22        | 9.602       | 742           | 745         | 747          | rVV      | 74136          | 121736        | 10.95%          | 0.540%        |
| 23        | 9.659       | 747           | 750         | 753          | rVB      | 143934         | 229264        | 20.61%          | 1.017%        |
| 24        | 9.933       | 768           | 774         | 777          | rBV2     | 215417         | 426423        | 38.34%          | 1.891%        |
| 25        | 9.979       | 777           | 778         | 781          | rVV3     | 38733          | 76779         | 6.90%           | 0.340%        |
| 26        | 10.048      | 781           | 784         | 787          | rVV      | 140553         | 254485        | 22.88%          | 1.129%        |
| 27        | 10.116      | 787           | 790         | 792          | rVV      | 306105         | 477890        | 42.97%          | 2.119%        |
| 28        | 10.162      | 792           | 794         | 797          | rVV      | 152136         | 242875        | 21.84%          | 1.077%        |
| 29        | 10.333      | 804           | 809         | 812          | rBV2     | 178556         | 369064        | 33.18%          | 1.637%        |
| 30        | 10.379      | 812           | 813         | 819          | rVB3     | 43677          | 99591         | 8.95%           | 0.442%        |
| 31        | 10.676      | 834           | 839         | 842          | rBV      | 179524         | 313417        | 28.18%          | 1.390%        |
| 32        | 10.745      | 842           | 845         | 848          | rVV      | 91291          | 200329        | 18.01%          | 0.888%        |
| 33        | 10.791      | 848           | 849         | 853          | rVV2     | 33782          | 53819         | 4.84%           | 0.239%        |
| 34        | 10.871      | 853           | 856         | 861          | rVB      | 108705         | 193557        | 17.40%          | 0.858%        |

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 Misc :  
 ALS Vial : 42 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
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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-BF011415.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|    |        |      |      |      |      |        |         |         |        |
|----|--------|------|------|------|------|--------|---------|---------|--------|
| 35 | 11.111 | 873  | 877  | 880  | rVV2 | 63307  | 141608  | 12.73%  | 0.628% |
| 36 | 11.191 | 882  | 884  | 888  | rVB  | 63851  | 108299  | 9.74%   | 0.480% |
| 37 | 11.305 | 888  | 894  | 896  | rBV  | 100231 | 255360  | 22.96%  | 1.132% |
| 38 | 11.339 | 896  | 897  | 899  | rVV  | 60094  | 83618   | 7.52%   | 0.371% |
| 39 | 11.385 | 899  | 901  | 902  | rVV  | 70201  | 123753  | 11.13%  | 0.549% |
| 40 | 11.419 | 902  | 904  | 907  | rVV2 | 175491 | 302803  | 27.23%  | 1.343% |
| 41 | 11.476 | 907  | 909  | 912  | rVV  | 31500  | 65750   | 5.91%   | 0.292% |
| 42 | 11.579 | 912  | 918  | 924  | rVV2 | 176602 | 495884  | 44.59%  | 2.199% |
| 43 | 11.682 | 924  | 927  | 930  | rVB  | 69615  | 109923  | 9.88%   | 0.487% |
| 44 | 11.842 | 935  | 941  | 944  | rBV2 | 81061  | 228396  | 20.54%  | 1.013% |
| 45 | 11.934 | 944  | 949  | 953  | rVB2 | 149921 | 300085  | 26.98%  | 1.331% |
| 46 | 12.037 | 953  | 958  | 960  | rBV4 | 33941  | 74550   | 6.70%   | 0.331% |
| 47 | 12.139 | 965  | 967  | 972  | rVB5 | 104756 | 193945  | 17.44%  | 0.860% |
| 48 | 12.277 | 976  | 979  | 985  | rBV2 | 101805 | 237992  | 21.40%  | 1.055% |
| 49 | 12.517 | 995  | 1000 | 1002 | rBV2 | 78513  | 176554  | 15.87%  | 0.783% |
| 50 | 12.597 | 1003 | 1007 | 1010 | rBV  | 342462 | 544468  | 48.96%  | 2.415% |
| 51 | 12.677 | 1012 | 1014 | 1016 | rBV  | 60168  | 93047   | 8.37%   | 0.413% |
| 52 | 12.859 | 1027 | 1030 | 1032 | rVV2 | 37743  | 70082   | 6.30%   | 0.311% |
| 53 | 12.905 | 1032 | 1034 | 1038 | rVV3 | 49430  | 96290   | 8.66%   | 0.427% |
| 54 | 13.019 | 1038 | 1044 | 1047 | rVV2 | 73139  | 221006  | 19.87%  | 0.980% |
| 55 | 13.099 | 1047 | 1051 | 1059 | rVB6 | 44349  | 207711  | 18.68%  | 0.921% |
| 56 | 13.339 | 1065 | 1072 | 1075 | rVB  | 605212 | 1112174 | 100.00% | 4.932% |
| 57 | 13.431 | 1078 | 1080 | 1082 | rVV2 | 28588  | 53335   | 4.80%   | 0.237% |
| 58 | 13.660 | 1097 | 1100 | 1102 | rBV  | 51147  | 99119   | 8.91%   | 0.440% |
| 59 | 13.751 | 1106 | 1108 | 1113 | rVB3 | 59410  | 123622  | 11.12%  | 0.548% |
| 60 | 13.877 | 1117 | 1119 | 1121 | rBV  | 114239 | 260534  | 23.43%  | 1.155% |
| 61 | 14.060 | 1131 | 1135 | 1137 | rBV  | 334765 | 626079  | 56.29%  | 2.776% |
| 62 | 14.117 | 1137 | 1140 | 1144 | rVV  | 240225 | 470017  | 42.26%  | 2.084% |
| 63 | 14.311 | 1148 | 1157 | 1159 | rVV4 | 68990  | 239523  | 21.54%  | 1.062% |
| 64 | 14.345 | 1159 | 1160 | 1163 | rVV  | 67339  | 92870   | 8.35%   | 0.412% |
| 65 | 14.402 | 1163 | 1165 | 1169 | rVB3 | 33872  | 69797   | 6.28%   | 0.310% |
| 66 | 14.505 | 1170 | 1174 | 1176 | rBV  | 77098  | 170006  | 15.29%  | 0.754% |
| 67 | 14.597 | 1180 | 1182 | 1188 | rVV5 | 16337  | 54719   | 4.92%   | 0.243% |
| 68 | 14.803 | 1197 | 1200 | 1204 | rVB2 | 185871 | 309598  | 27.84%  | 1.373% |
| 69 | 14.883 | 1204 | 1207 | 1210 | rBV2 | 49004  | 114036  | 10.25%  | 0.506% |
| 70 | 15.157 | 1227 | 1231 | 1235 | rBV3 | 72133  | 221714  | 19.94%  | 0.983% |
| 71 | 15.305 | 1241 | 1244 | 1246 | rBV2 | 30462  | 59244   | 5.33%   | 0.263% |

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 ALS Vial : 42 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 104B1B

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-BF011415.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|     |        |      |      |      |      |        |         |        |        |
|-----|--------|------|------|------|------|--------|---------|--------|--------|
| 72  | 15.385 | 1246 | 1251 | 1255 | rVV2 | 53346  | 119114  | 10.71% | 0.528% |
| 73  | 15.477 | 1256 | 1259 | 1264 | rVB  | 53956  | 110373  | 9.92%  | 0.489% |
| 74  | 15.637 | 1269 | 1273 | 1275 | rBV  | 61205  | 128864  | 11.59% | 0.571% |
| 75  | 15.683 | 1275 | 1277 | 1280 | rVV2 | 47946  | 95951   | 8.63%  | 0.426% |
| 76  | 15.843 | 1285 | 1291 | 1294 | rVB4 | 32403  | 108665  | 9.77%  | 0.482% |
| 77  | 15.980 | 1300 | 1303 | 1306 | rBV  | 163162 | 282292  | 25.38% | 1.252% |
| 78  | 16.048 | 1306 | 1309 | 1315 | rVV3 | 67974  | 195301  | 17.56% | 0.866% |
| 79  | 16.163 | 1315 | 1319 | 1324 | rVV2 | 81634  | 179686  | 16.16% | 0.797% |
| 80  | 16.311 | 1327 | 1332 | 1334 | rBV3 | 88909  | 174294  | 15.67% | 0.773% |
| 81  | 16.460 | 1343 | 1345 | 1348 | rVB2 | 40195  | 63513   | 5.71%  | 0.282% |
| 82  | 16.517 | 1348 | 1350 | 1353 | rBV  | 341648 | 570105  | 51.26% | 2.528% |
| 83  | 16.563 | 1353 | 1354 | 1360 | rVB2 | 37281  | 75397   | 6.78%  | 0.334% |
| 84  | 16.837 | 1376 | 1378 | 1383 | rVB3 | 41449  | 96736   | 8.70%  | 0.429% |
| 85  | 17.020 | 1391 | 1394 | 1399 | rBV3 | 107533 | 276904  | 24.90% | 1.228% |
| 86  | 17.100 | 1399 | 1401 | 1404 | rVV  | 54553  | 87170   | 7.84%  | 0.387% |
| 87  | 17.637 | 1445 | 1448 | 1450 | rBV  | 255518 | 339804  | 30.55% | 1.507% |
| 88  | 17.740 | 1454 | 1457 | 1459 | rVV2 | 40743  | 70009   | 6.29%  | 0.310% |
| 89  | 17.820 | 1461 | 1464 | 1466 | rVV  | 39686  | 65537   | 5.89%  | 0.291% |
| 90  | 18.037 | 1480 | 1483 | 1486 | rVV  | 89886  | 103850  | 9.34%  | 0.461% |
| 91  | 18.460 | 1515 | 1520 | 1522 | rVV3 | 82920  | 206213  | 18.54% | 0.914% |
| 92  | 18.563 | 1527 | 1529 | 1533 | rVB2 | 29233  | 56952   | 5.12%  | 0.253% |
| 93  | 18.643 | 1533 | 1536 | 1538 | rBV2 | 51944  | 102487  | 9.22%  | 0.455% |
| 94  | 18.711 | 1540 | 1542 | 1546 | rVV  | 57468  | 82724   | 7.44%  | 0.367% |
| 95  | 18.780 | 1546 | 1548 | 1551 | rVV2 | 52577  | 85341   | 7.67%  | 0.378% |
| 96  | 19.043 | 1569 | 1571 | 1575 | rVV3 | 27718  | 56891   | 5.12%  | 0.252% |
| 97  | 19.146 | 1578 | 1580 | 1585 | rVB2 | 48199  | 93760   | 8.43%  | 0.416% |
| 98  | 19.877 | 1641 | 1644 | 1647 | rVV  | 912741 | 1043453 | 93.82% | 4.627% |
| 99  | 21.146 | 1751 | 1755 | 1757 | rBV  | 284842 | 425043  | 38.22% | 1.885% |
| 100 | 22.849 | 1901 | 1904 | 1907 | rVV  | 198110 | 274888  | 24.72% | 1.219% |

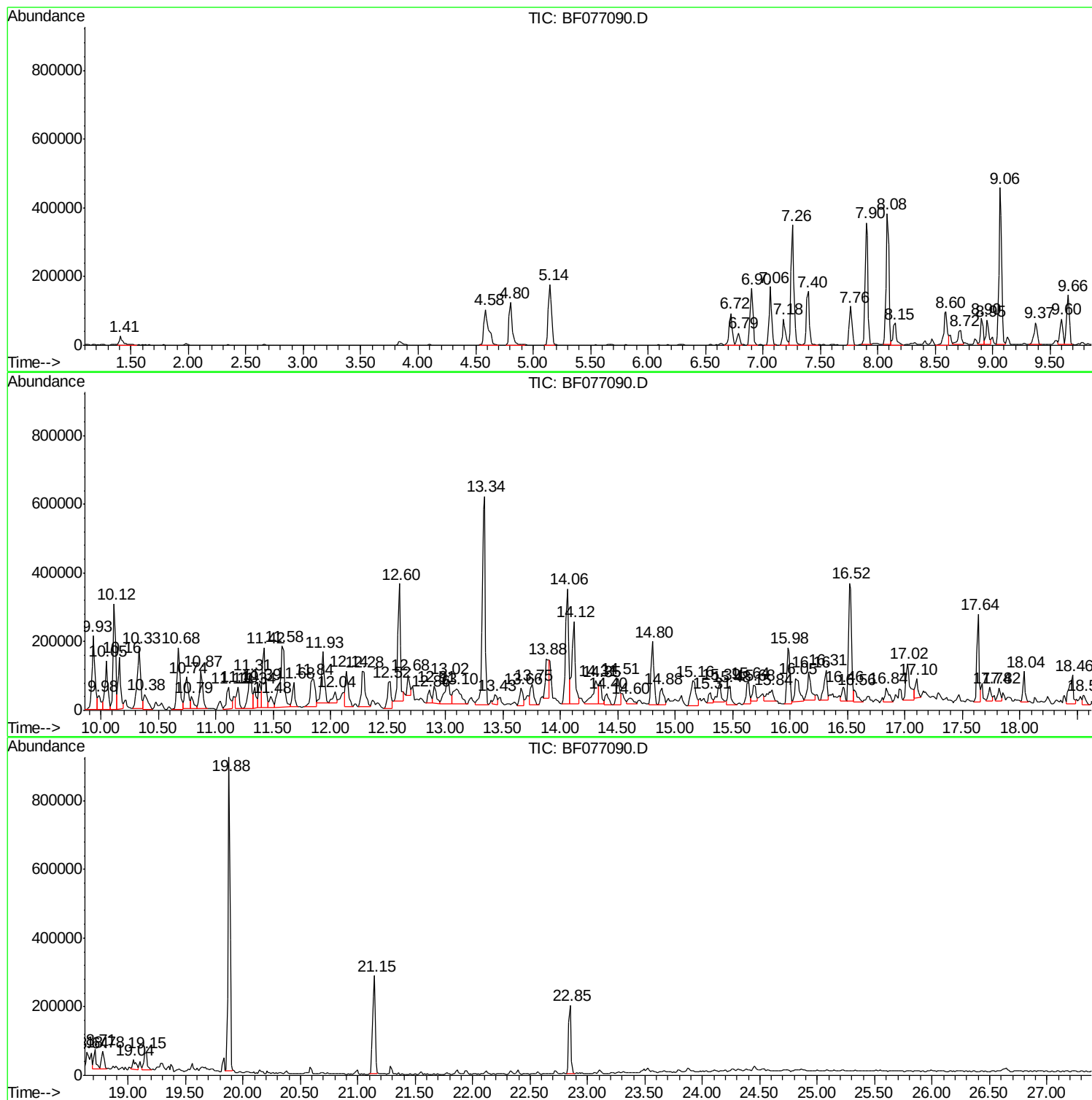
Sum of corrected areas: 22549320

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ALS Vial : 42 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampled :  
104B1B

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF011415.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\BF012615\  
Data File : BF077090.D  
Acq On : 27 Jan 2015 18:11  
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Sample : G1137-08  
Misc :  
ALS Vial : 42 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
104B1B

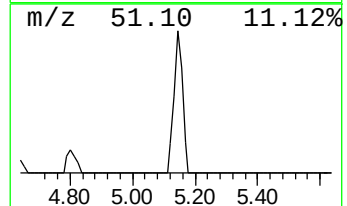
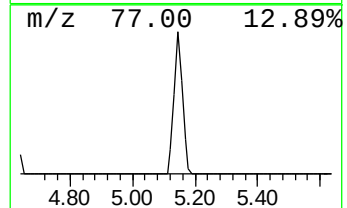
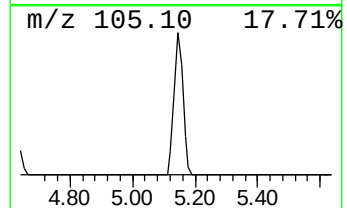
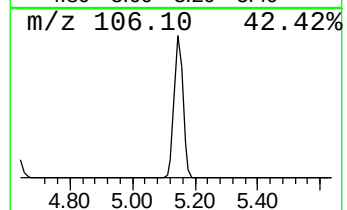
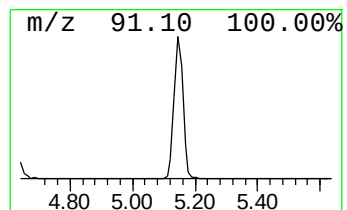
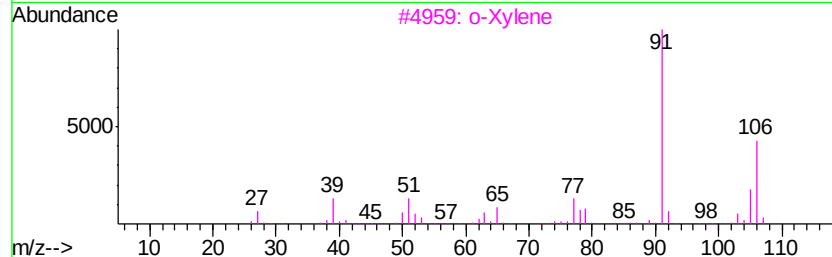
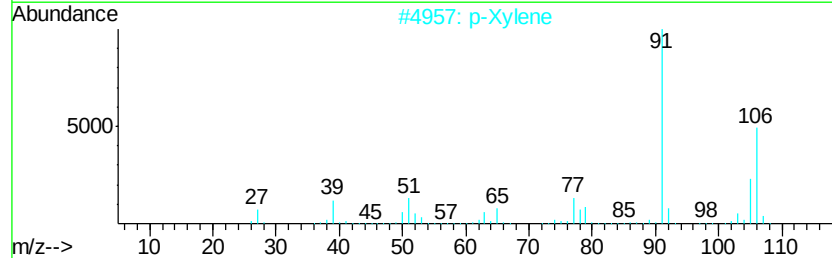
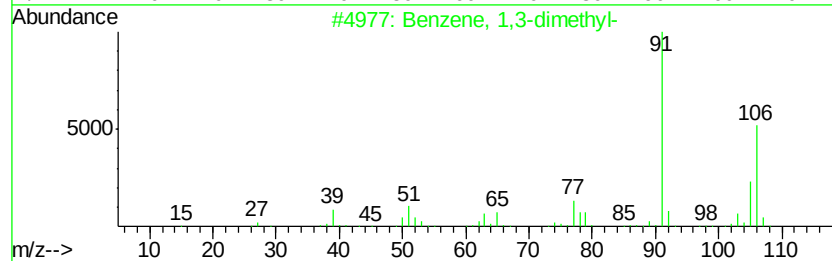
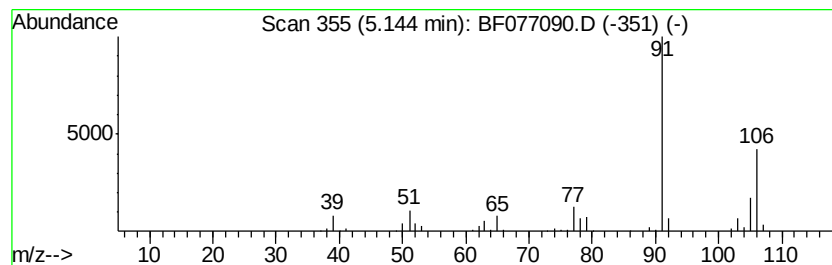
Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF011415.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 2 Benzene, 1,3-dimethyl- Concentration Rank 5

| R.T. | EstConc  | Area   | Relative to ISTD       | R.T. |
|------|----------|--------|------------------------|------|
| 5.14 | 36.71 ng | 329568 | 1,4-Dichlorobenzene-d4 | 7.76 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------------|-----|---------|-------------|------|
| 1    | 5  | Benzene, 1,3-dimethyl-              | 106 | C8H10   | 000108-38-3 | 97   |
| 2    |    | p-Xylene                            | 106 | C8H10   | 000106-42-3 | 97   |
| 3    |    | o-Xylene                            | 106 | C8H10   | 000095-47-6 | 97   |
| 4    |    | Ethylbenzene                        | 106 | C8H10   | 000100-41-4 | 91   |
| 5    |    | 1,3-Cyclopentadiene, 5-(1-methyl... | 106 | C8H10   | 002175-91-9 | 83   |



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ALS Vial : 42 Sample Multiplier: 1

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BNA\_F  
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Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF011415.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

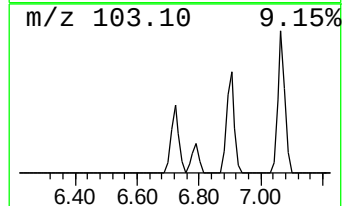
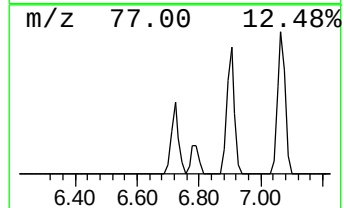
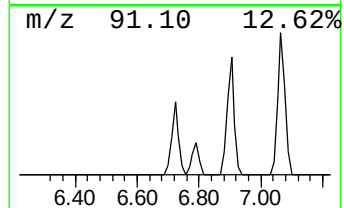
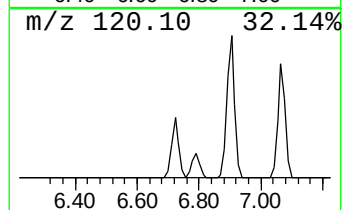
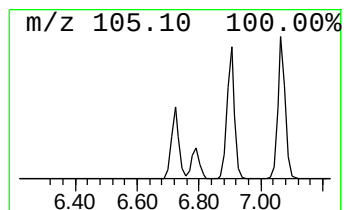
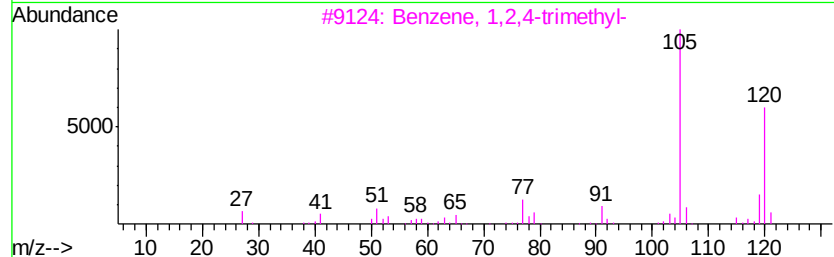
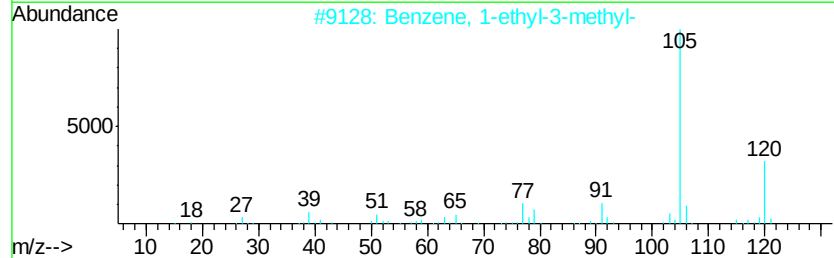
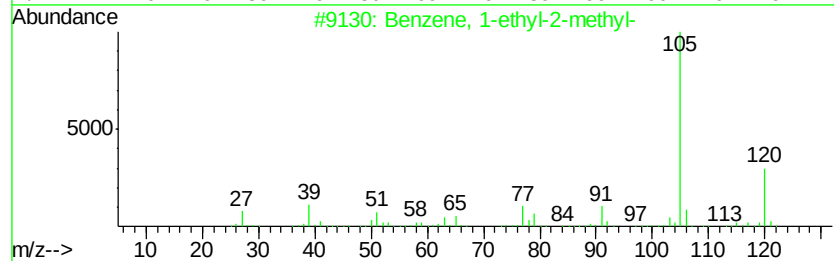
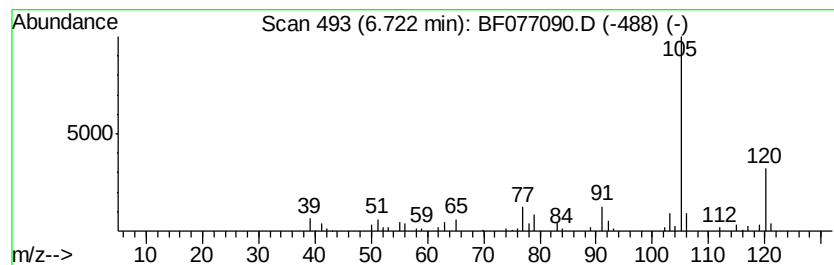
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 3 Benzene, 1-ethyl-3-methyl- Concentration Rank 19

| R.T. | EstConc  | Area   | Relative to ISTD       | R.T. |
|------|----------|--------|------------------------|------|
| 6.72 | 18.30 ng | 164271 | 1,4-Dichlorobenzene-d4 | 7.76 |

| 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, 1,2,4-trimethyl-  | 120 | C9H12   | 000095-63-6 | 91   |
| 4    |    | Benzene, 1-ethyl-4-methyl- | 120 | C9H12   | 000622-96-8 | 91   |
| 5    |    | Benzene, 1,3,5-trimethyl-  | 120 | C9H12   | 000108-67-8 | 91   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF012615\  
Data File : BF077090.D  
Acq On : 27 Jan 2015 18:11  
Operator : TP/IZ  
Sample : G1137-08  
Misc :  
ALS Vial : 42 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
104B1B

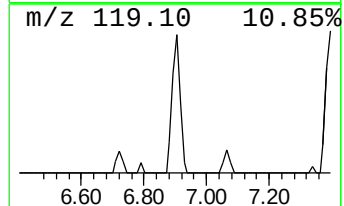
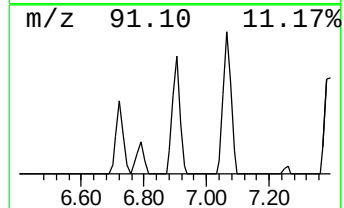
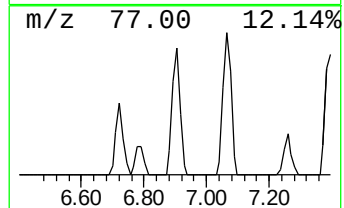
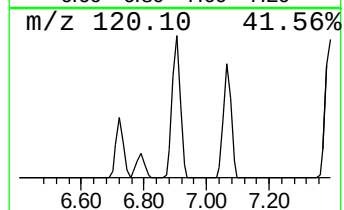
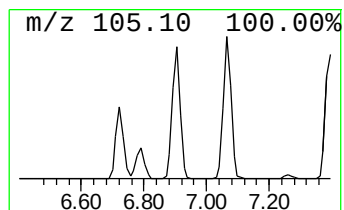
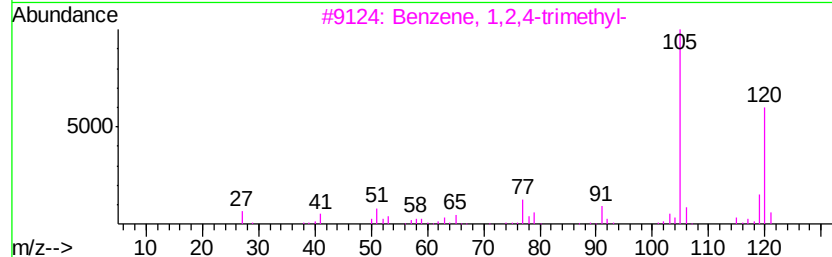
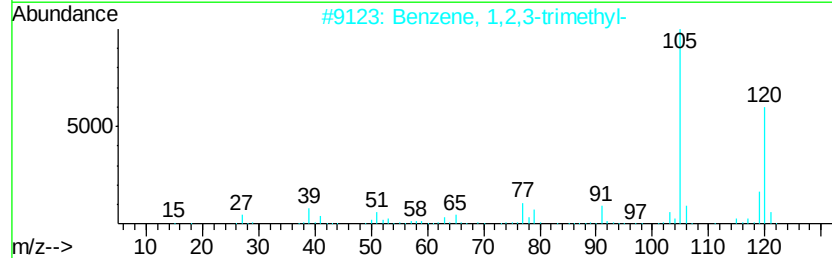
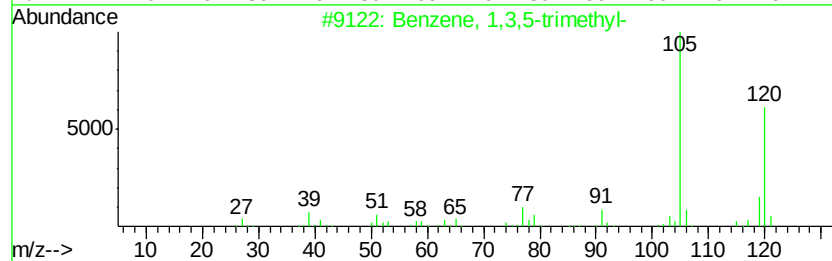
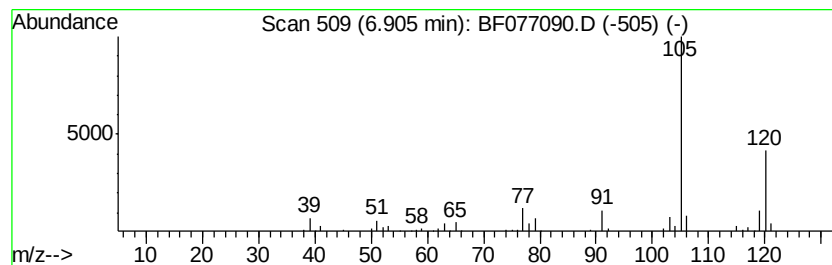
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 4 Benzene, 1,3,5-trimethyl- Concentration Rank 8

| R.T. | EstConc  | Area   | Relative to ISTD       | R.T. |
|------|----------|--------|------------------------|------|
| 6.90 | 31.17 ng | 279774 | 1,4-Dichlorobenzene-d4 | 7.76 |

| Hit# | of | 5 | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1,3,5-trimethyl-  | 120 | C9H12   | 000108-67-8 | 97   |
| 2    |    |   | Benzene, 1,2,3-trimethyl-  | 120 | C9H12   | 000526-73-8 | 95   |
| 3    |    |   | Benzene, 1,2,4-trimethyl-  | 120 | C9H12   | 000095-63-6 | 94   |
| 4    |    |   | Benzene, 1-ethyl-4-methyl- | 120 | C9H12   | 000622-96-8 | 93   |
| 5    |    |   | Benzene, 1-ethyl-3-methyl- | 120 | C9H12   | 000620-14-4 | 91   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF012615\  
Data File : BF077090.D  
Acq On : 27 Jan 2015 18:11  
Operator : TP/IZ  
Sample : G1137-08  
Misc :  
ALS Vial : 42 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
104B1B

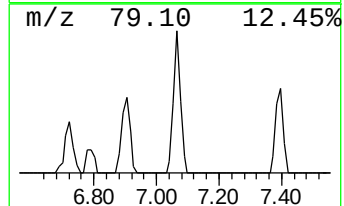
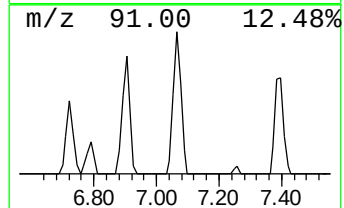
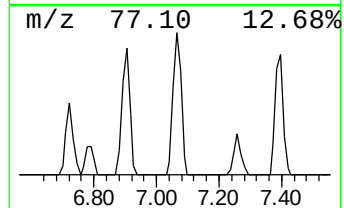
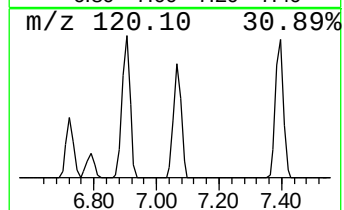
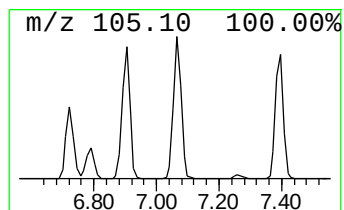
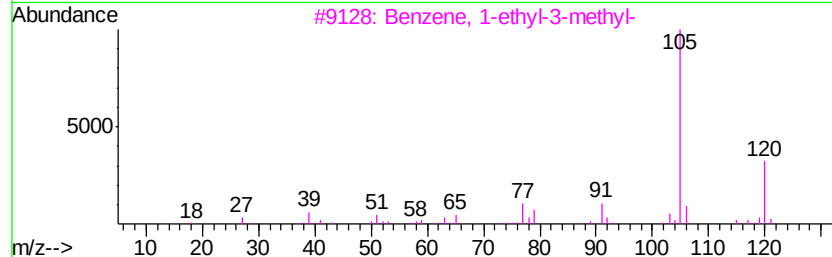
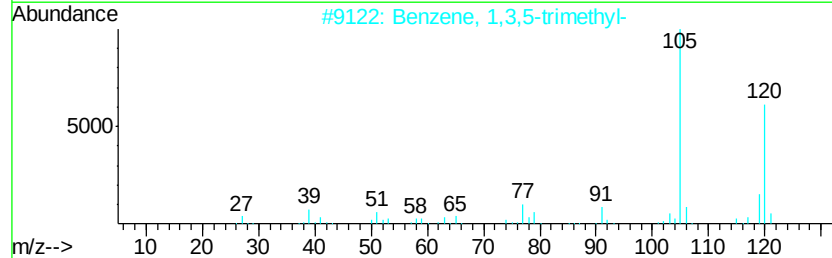
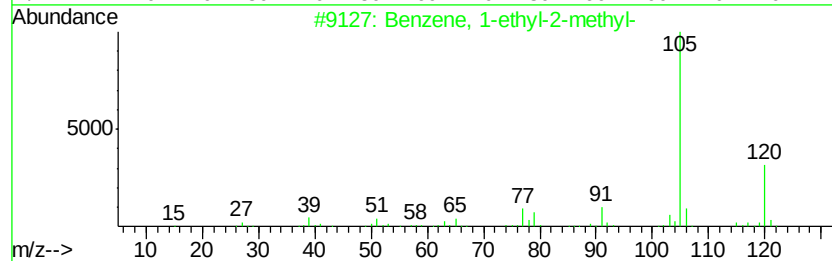
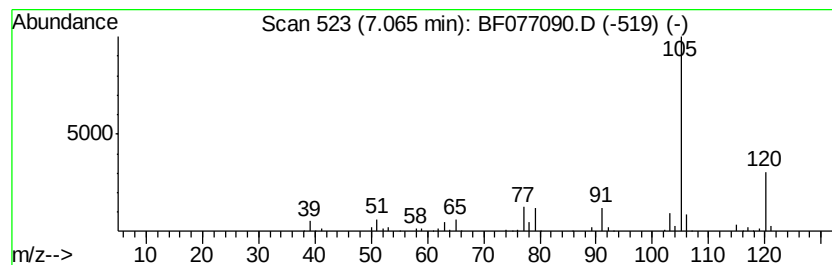
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 5 Benzene, 1-ethyl-2-methyl- Concentration Rank 9

| R.T. | EstConc  | Area   | Relative to ISTD       | R.T. |
|------|----------|--------|------------------------|------|
| 7.06 | 30.85 ng | 276944 | 1,4-Dichlorobenzene-d4 | 7.76 |

| Hit# | of | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|----------------------------|-----|---------|-------------|------|
| 1    | 5  | Benzene, 1-ethyl-2-methyl- | 120 | C9H12   | 000611-14-3 | 94   |
| 2    |    | Benzene, 1,3,5-trimethyl-  | 120 | C9H12   | 000108-67-8 | 91   |
| 3    |    | Benzene, 1-ethyl-3-methyl- | 120 | C9H12   | 000620-14-4 | 91   |
| 4    |    | Benzene, 1,2,3-trimethyl-  | 120 | C9H12   | 000526-73-8 | 91   |
| 5    |    | Benzene, 1,2,4-trimethyl-  | 120 | C9H12   | 000095-63-6 | 91   |





Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF012615\  
Data File : BF077090.D  
Acq On : 27 Jan 2015 18:11  
Operator : TP/IZ  
Sample : G1137-08  
Misc :  
ALS Vial : 42 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
104B1B

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF011415.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

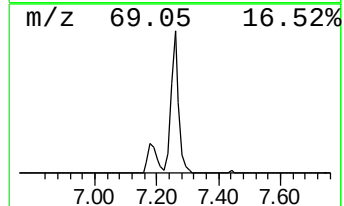
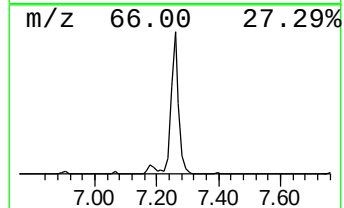
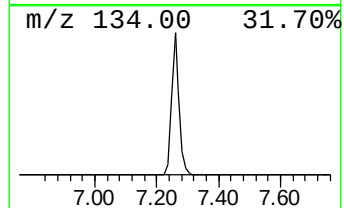
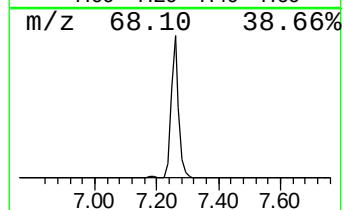
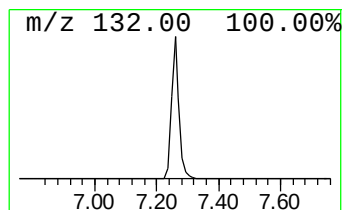
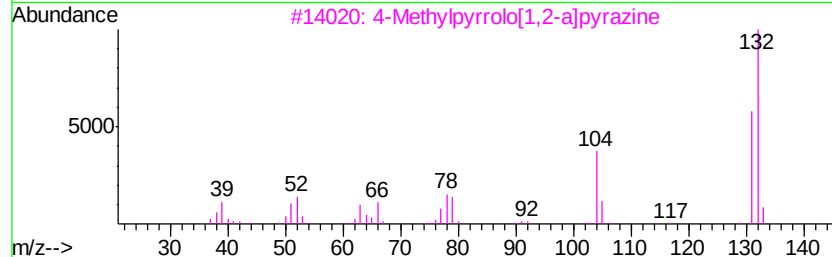
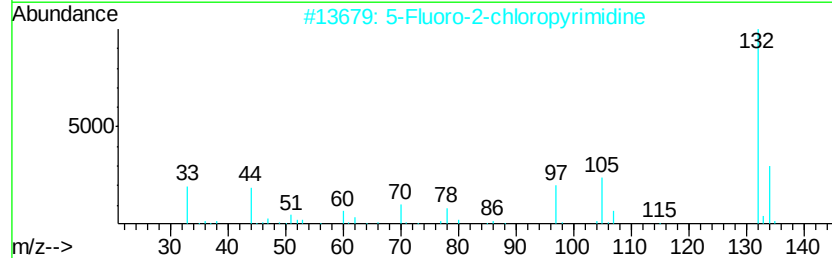
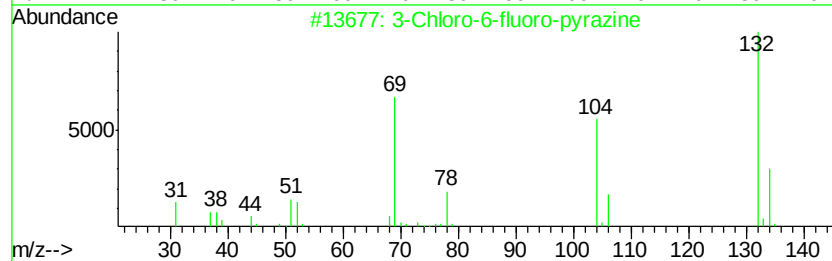
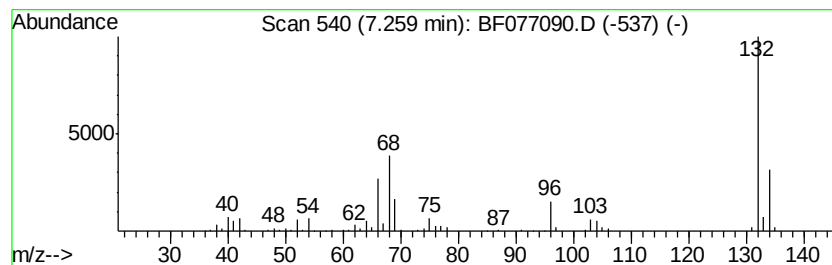
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 6 unknown7.26 Concentration Rank 3

| R.T. | EstConc  | Area   | Relative to ISTD       | R.T. |
|------|----------|--------|------------------------|------|
| 7.26 | 65.04 ng | 583846 | 1,4-Dichlorobenzene-d4 | 7.76 |

| Hit# | of | Tentative ID                     | MW  | MolForm   | CAS#         | Qual |
|------|----|----------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 3-Chloro-6-fluoro-pyrazine       | 132 | C4H2ClFN2 | 1000146-10-7 | 35   |
| 2    |    | 5-Fluoro-2-chloropyrimidine      | 132 | C4H2ClFN2 | 062802-42-0  | 12   |
| 3    |    | 4-Methylpyrrolo[1,2-a]pyrazine   | 132 | C8H8N2    | 064608-60-2  | 9    |
| 4    |    | (E)-3-Chloro-2-methyl-2-pentenal | 132 | C6H9ClO   | 031357-76-3  | 9    |
| 5    |    | 4-Chloro-2-fluoro-pyrimidine     | 132 | C4H2ClFN2 | 051422-00-5  | 9    |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF012615\  
Data File : BF077090.D  
Acq On : 27 Jan 2015 18:11  
Operator : TP/IZ  
Sample : G1137-08  
Misc :  
ALS Vial : 42 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
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Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF011415.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

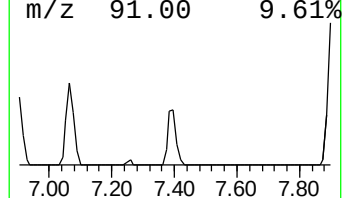
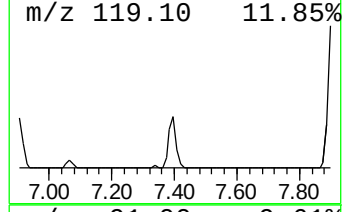
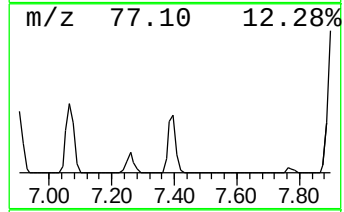
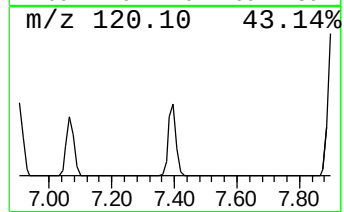
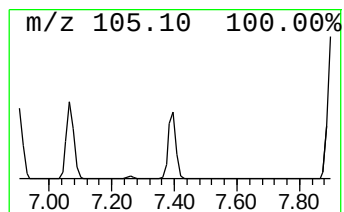
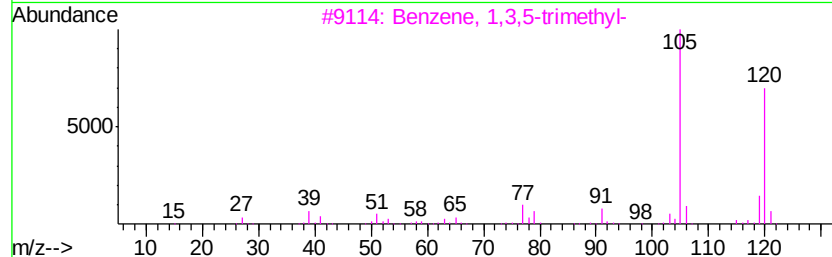
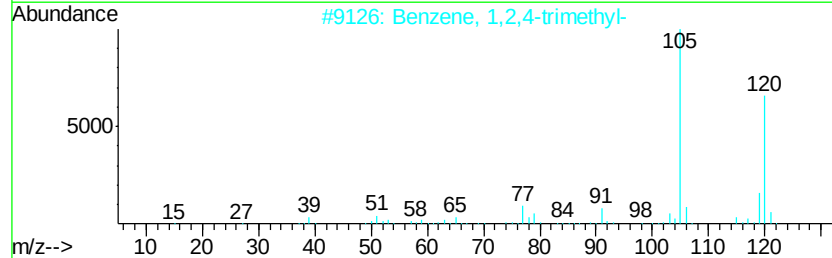
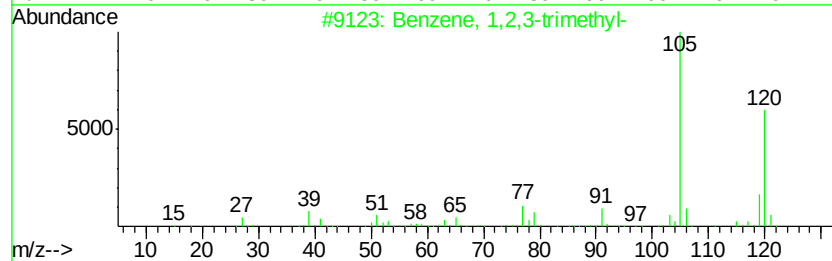
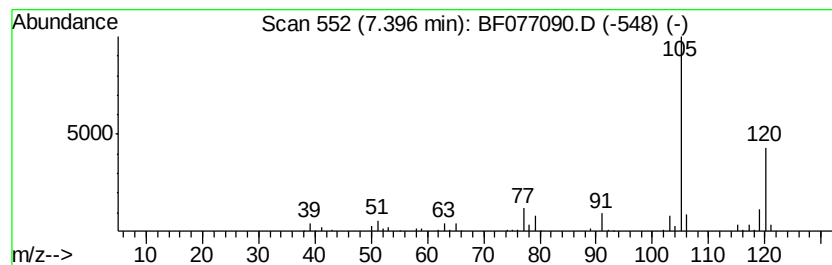
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 7 Benzene, 1,2,4-trimethyl- Concentration Rank 10

| R.T. | EstConc  | Area   | Relative to ISTD       | R.T. |
|------|----------|--------|------------------------|------|
| 7.40 | 30.65 ng | 275109 | 1,4-Dichlorobenzene-d4 | 7.76 |

| Hit# | of | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|----------------------------|-----|---------|-------------|------|
| 1    | 5  | Benzene, 1,2,3-trimethyl-  | 120 | C9H12   | 000526-73-8 | 95   |
| 2    |    | Benzene, 1,2,4-trimethyl-  | 120 | C9H12   | 000095-63-6 | 94   |
| 3    |    | Benzene, 1,3,5-trimethyl-  | 120 | C9H12   | 000108-67-8 | 91   |
| 4    |    | Benzene, 1-ethyl-2-methyl- | 120 | C9H12   | 000611-14-3 | 90   |
| 5    |    | Benzene, 1-ethyl-4-methyl- | 120 | C9H12   | 000622-96-8 | 90   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF012615\  
Data File : BF077090.D  
Acq On : 27 Jan 2015 18:11  
Operator : TP/IZ  
Sample : G1137-08  
Misc :  
ALS Vial : 42 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
104B1B

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF011415.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

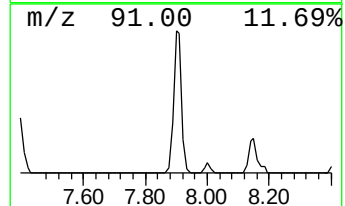
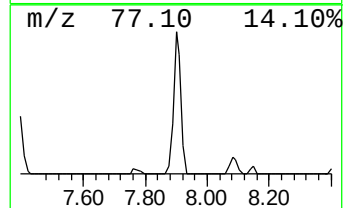
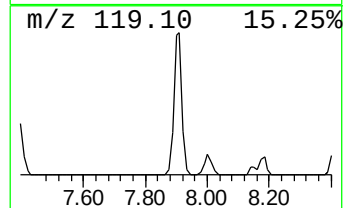
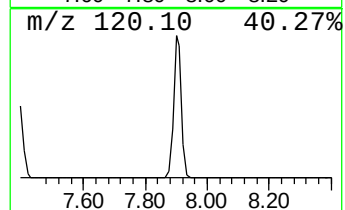
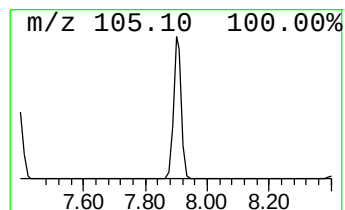
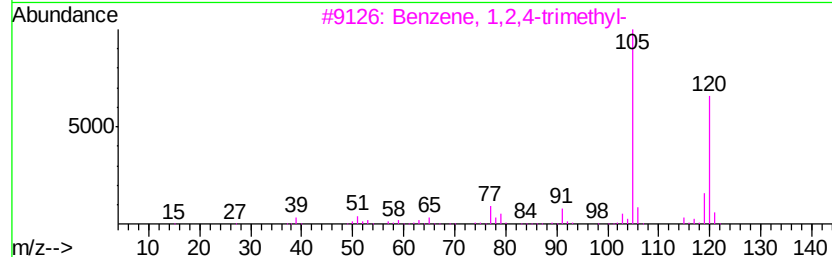
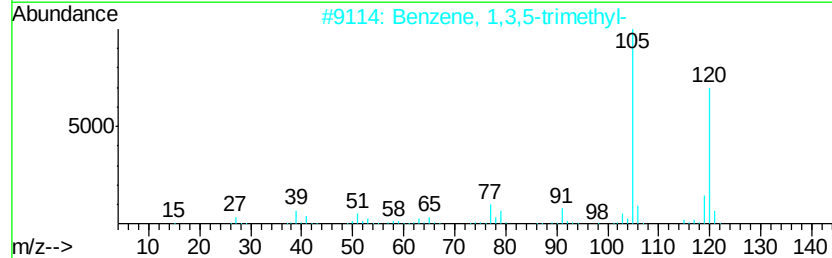
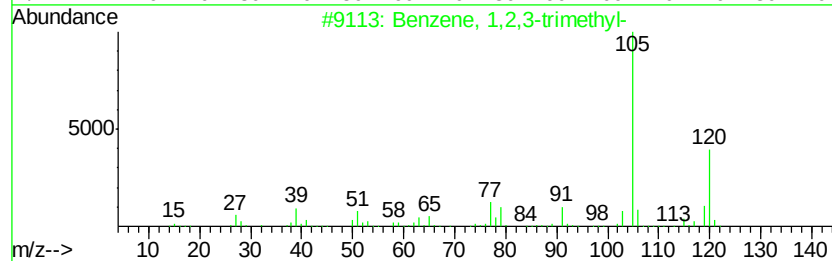
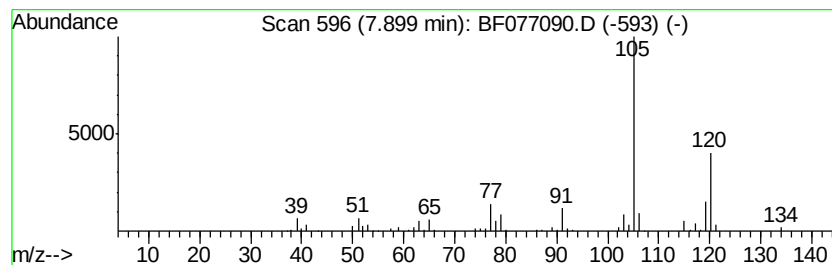
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 8 Benzene, 1,2,3-trimethyl- Concentration Rank 2

| R.T. | EstConc  | Area   | Relative to ISTD       | R.T. |
|------|----------|--------|------------------------|------|
| 7.90 | 68.94 ng | 618820 | 1,4-Dichlorobenzene-d4 | 7.76 |

| Hit# | of | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|----------------------------|-----|---------|-------------|------|
| 1    | 5  | Benzene, 1,2,3-trimethyl-  | 120 | C9H12   | 000526-73-8 | 97   |
| 2    |    | Benzene, 1,3,5-trimethyl-  | 120 | C9H12   | 000108-67-8 | 91   |
| 3    |    | Benzene, 1,2,4-trimethyl-  | 120 | C9H12   | 000095-63-6 | 91   |
| 4    |    | Benzene, 1-ethyl-3-methyl- | 120 | C9H12   | 000620-14-4 | 91   |
| 5    |    | Benzene, 1-ethyl-4-methyl- | 120 | C9H12   | 000622-96-8 | 91   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF012615\  
Data File : BF077090.D  
Acq On : 27 Jan 2015 18:11  
Operator : TP/IZ  
Sample : G1137-08  
Misc :  
ALS Vial : 42 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
104B1B

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF011415.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

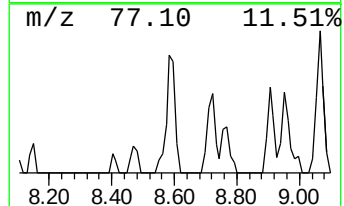
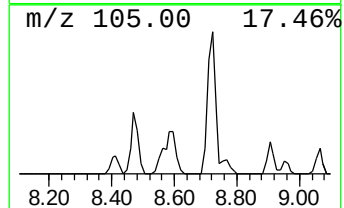
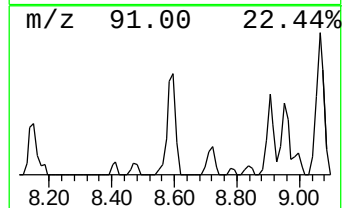
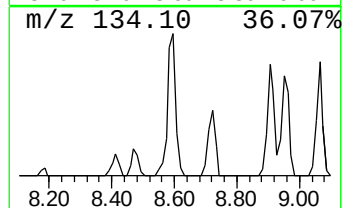
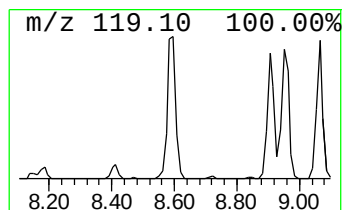
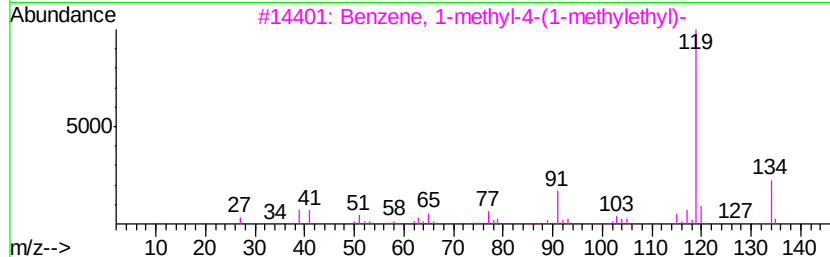
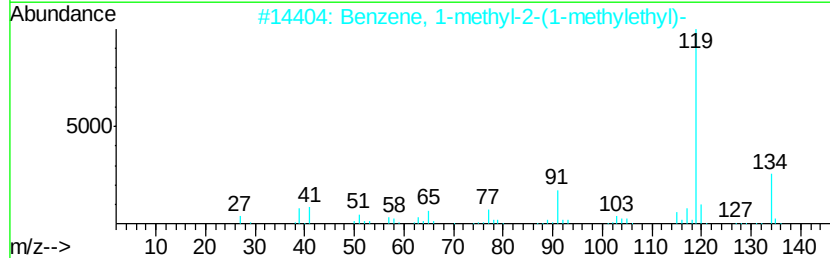
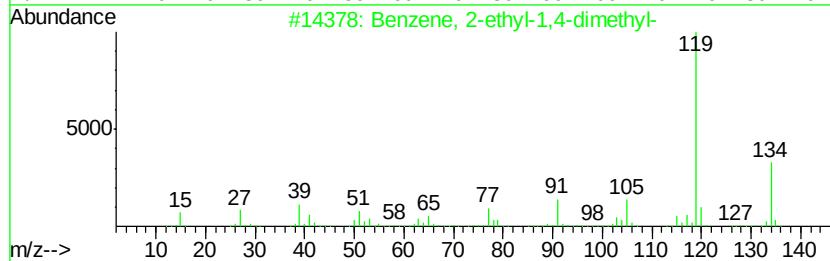
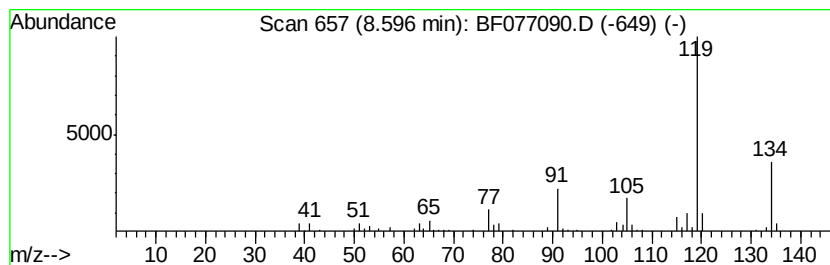
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TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 10 Benzene, 1-methyl-2-(1-meth... Concentration Rank 15

| R.T. | EstConc  | Area   | Relative to ISTD       | R.T. |
|------|----------|--------|------------------------|------|
| 8.60 | 23.56 ng | 211471 | 1,4-Dichlorobenzene-d4 | 7.76 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------------|-----|---------|-------------|------|
| 1    | 5  | Benzene, 2-ethyl-1,4-dimethyl-      | 134 | C10H14  | 001758-88-9 | 95   |
| 2    |    | Benzene, 1-methyl-2-(1-methyleth... | 134 | C10H14  | 000527-84-4 | 95   |
| 3    |    | Benzene, 1-methyl-4-(1-methyleth... | 134 | C10H14  | 000099-87-6 | 95   |
| 4    |    | Benzene, 1-ethyl-2,3-dimethyl-      | 134 | C10H14  | 000933-98-2 | 94   |
| 5    |    | Benzene, 1-methyl-3-(1-methyleth... | 134 | C10H14  | 000535-77-3 | 94   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF012615\  
Data File : BF077090.D  
Acq On : 27 Jan 2015 18:11  
Operator : TP/IZ  
Sample : G1137-08  
Misc :  
ALS Vial : 42 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
104B1B

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF011415.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

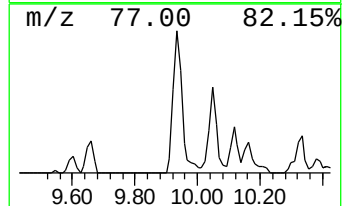
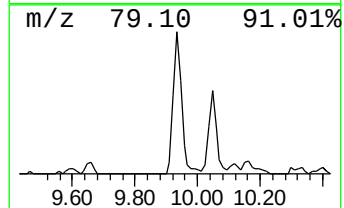
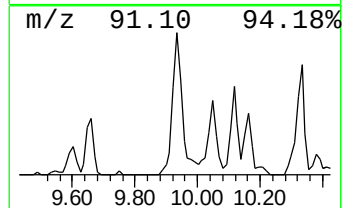
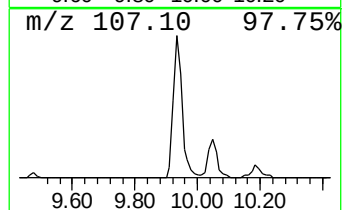
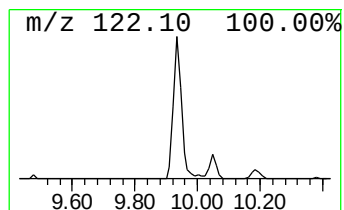
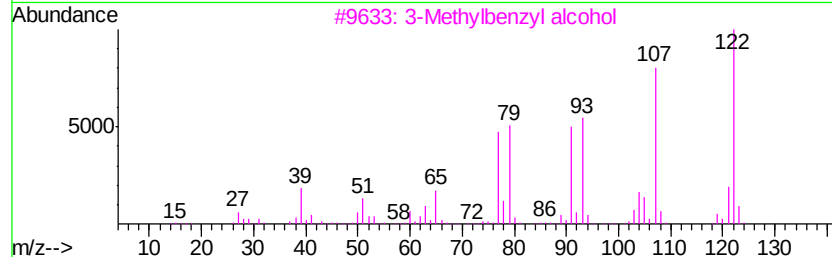
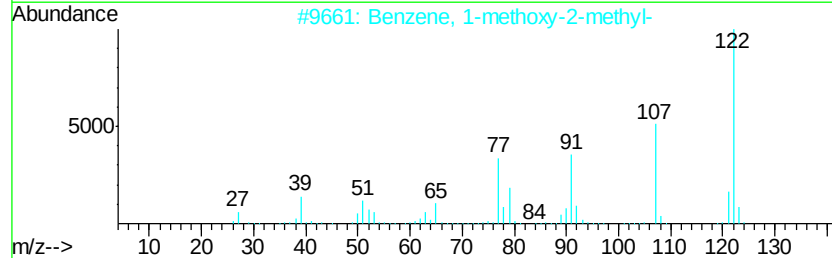
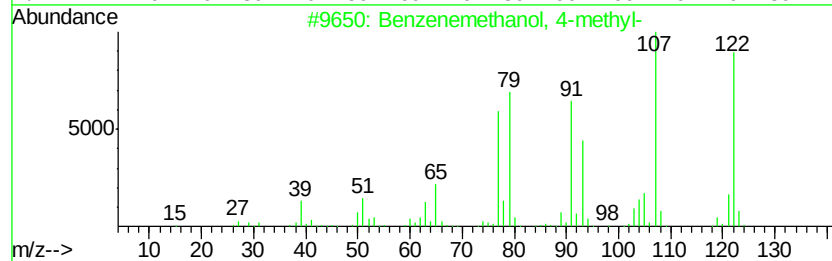
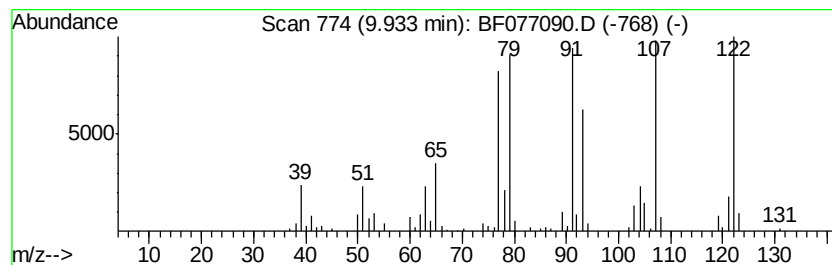
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 11 Benzenemethanol, 4-methyl- Concentration Rank 14

| R.T. | EstConc  | Area   | Relative to ISTD | R.T.  |
|------|----------|--------|------------------|-------|
| 9.93 | 27.21 ng | 426423 | Naphthalene-d8   | 10.68 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------------|-----|---------|-------------|------|
| 1    | 5  | Benzenemethanol, 4-methyl-          | 122 | C8H10O  | 000589-18-4 | 95   |
| 2    |    | Benzene, 1-methoxy-2-methyl-        | 122 | C8H10O  | 000578-58-5 | 89   |
| 3    |    | 3-Methylbenzyl alcohol              | 122 | C8H10O  | 000587-03-1 | 76   |
| 4    |    | 1,3-Cyclopentadiene, 1,2,5,5-tet... | 122 | C9H14   | 004249-12-1 | 62   |
| 5    |    | Phenol, 3,5-dimethyl-               | 122 | C8H10O  | 000108-68-9 | 62   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF012615\  
Data File : BF077090.D  
Acq On : 27 Jan 2015 18:11  
Operator : TP/IZ  
Sample : G1137-08  
Misc :  
ALS Vial : 42 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
104B1B

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF011415.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

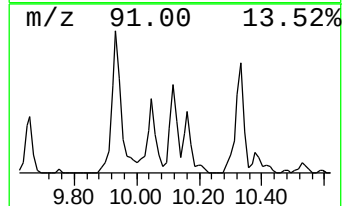
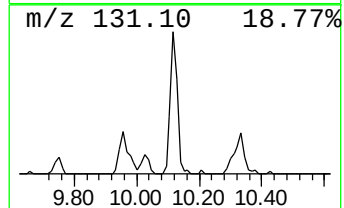
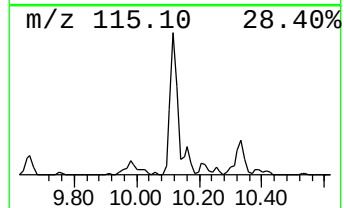
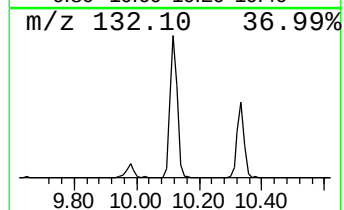
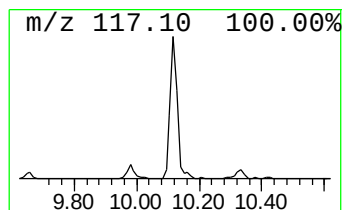
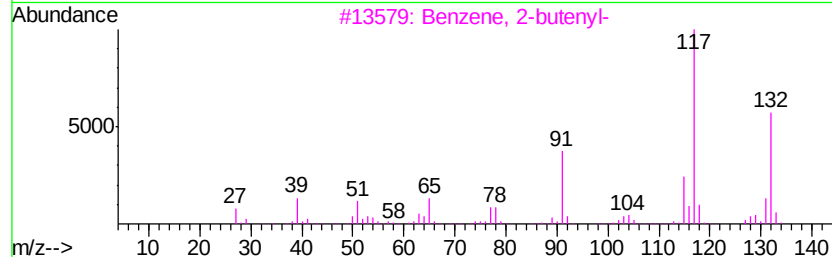
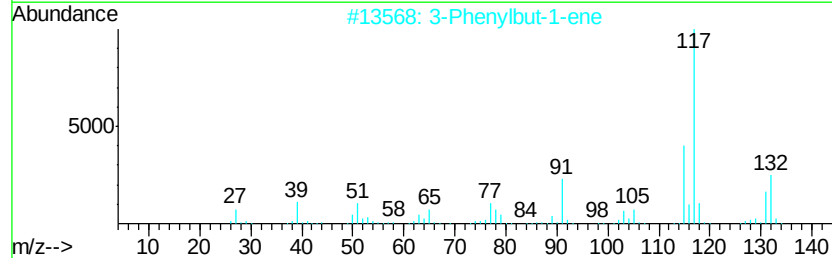
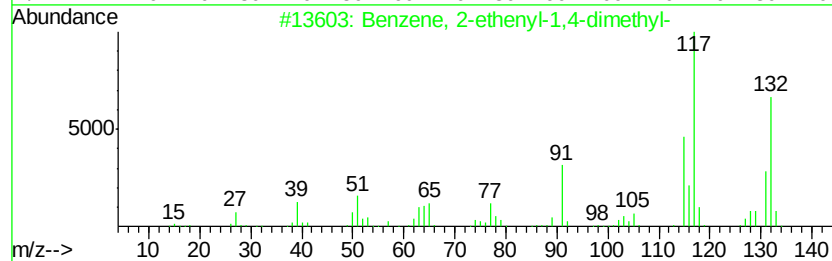
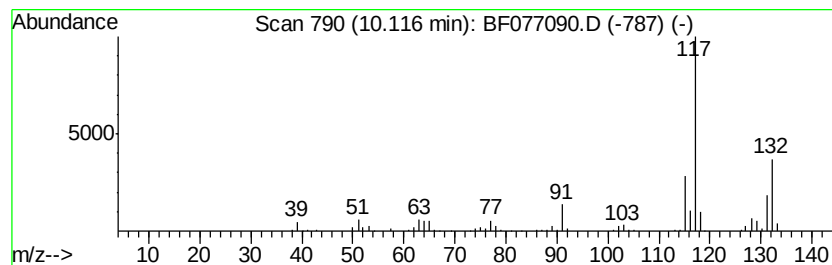
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 12 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 11

| R.T.  | EstConc  | Area   | Relative to ISTD | R.T.  |
|-------|----------|--------|------------------|-------|
| 10.12 | 30.50 ng | 477890 | Naphthalene-d8   | 10.68 |

| Hit# | of | Tentative ID                     | MW  | MolForm | CAS#        | Qual |
|------|----|----------------------------------|-----|---------|-------------|------|
| 1    | 5  | Benzene, 2-ethenyl-1,4-dimethyl- | 132 | C10H12  | 002039-89-6 | 91   |
| 2    |    | 3-Phenylbut-1-ene                | 132 | C10H12  | 000934-10-1 | 90   |
| 3    |    | Benzene, 2-butenyl-              | 132 | C10H12  | 001560-06-1 | 90   |
| 4    |    | 1H-Indene, 2,3-dihydro-4-methyl- | 132 | C10H12  | 000824-22-6 | 90   |
| 5    |    | 1H-Indene, 2,3-dihydro-5-methyl- | 132 | C10H12  | 000874-35-1 | 90   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF012615\  
Data File : BF077090.D  
Acq On : 27 Jan 2015 18:11  
Operator : TP/IZ  
Sample : G1137-08  
Misc :  
ALS Vial : 42 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampled :  
104B1B

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF011415.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

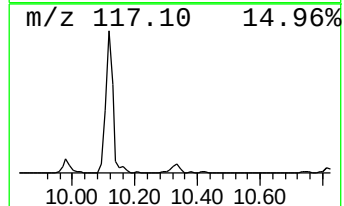
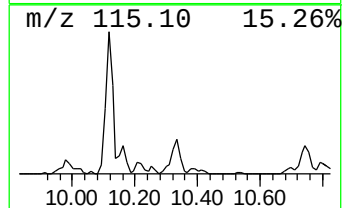
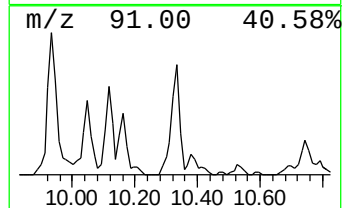
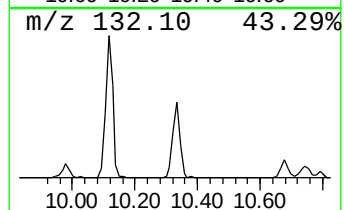
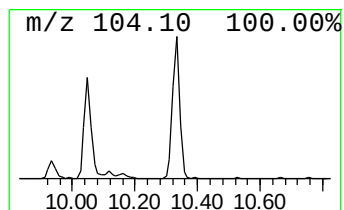
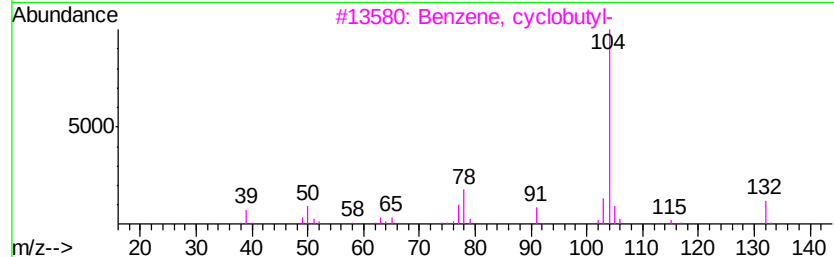
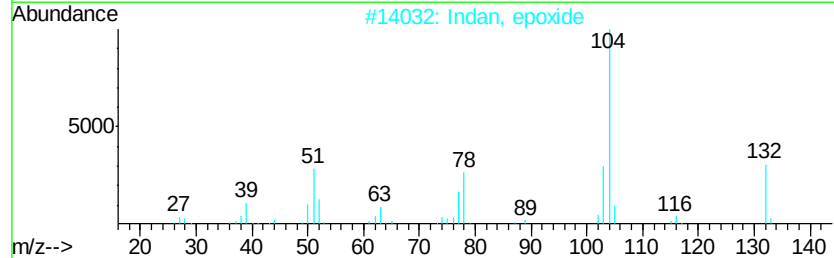
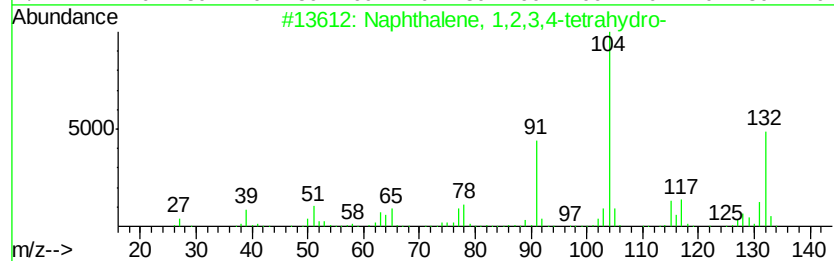
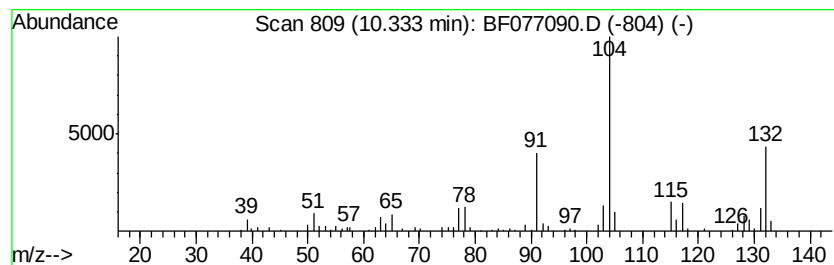
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 13 Naphthalene, 1,2,3,4-tetra... Concentration Rank 16

| R.T.  | EstConc  | Area   | Relative to ISTD | R.T.  |
|-------|----------|--------|------------------|-------|
| 10.33 | 23.55 ng | 369064 | Naphthalene-d8   | 10.68 |

| Hit# | of | Tentative ID                     | MW  | MolForm  | CAS#        | Qual |
|------|----|----------------------------------|-----|----------|-------------|------|
| 1    | 5  | Naphthalene, 1,2,3,4-tetrahydro- | 132 | C10H12   | 000119-64-2 | 97   |
| 2    |    | Indan, epoxide                   | 132 | C9H8O    | 000768-22-9 | 62   |
| 3    |    | Benzene, cyclobutyl-             | 132 | C10H12   | 004392-30-7 | 59   |
| 4    |    | 2H-Inden-2-one, 1,3-dihydro-     | 132 | C9H8O    | 000615-13-4 | 58   |
| 5    |    | N-Ethylbenzimidoyl bromide       | 211 | C9H10BrN | 041182-87-0 | 53   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF012615\  
Data File : BF077090.D  
Acq On : 27 Jan 2015 18:11  
Operator : TP/IZ  
Sample : G1137-08  
Misc :  
ALS Vial : 42 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
104B1B

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF011415.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

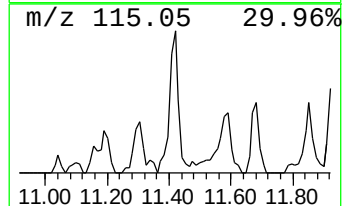
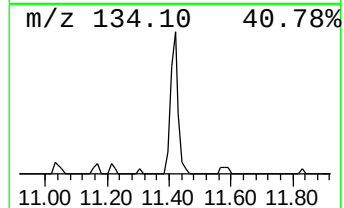
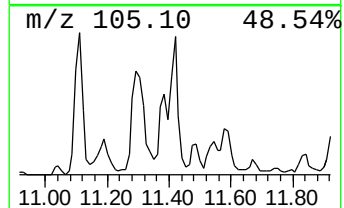
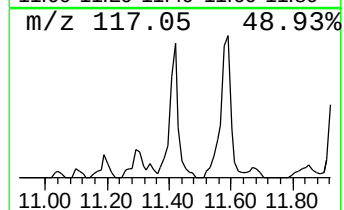
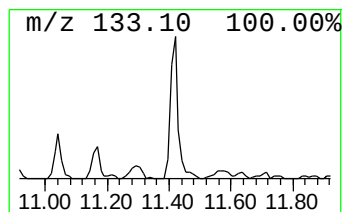
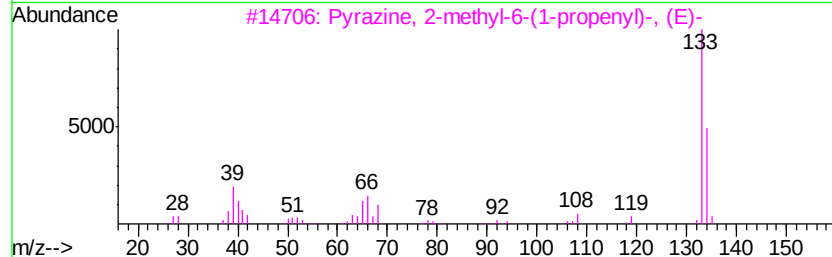
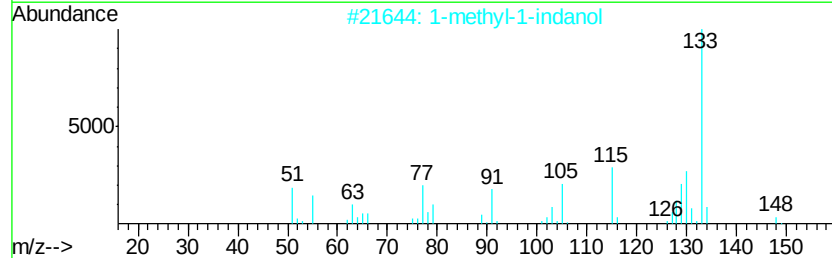
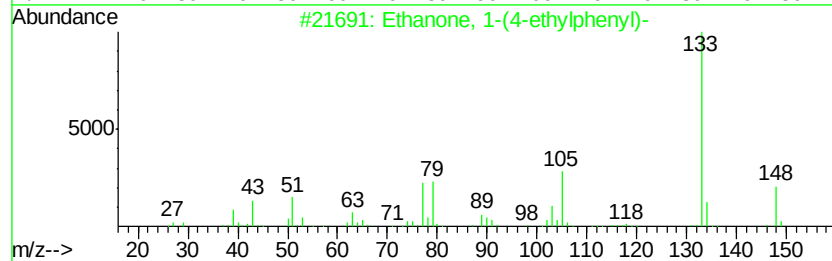
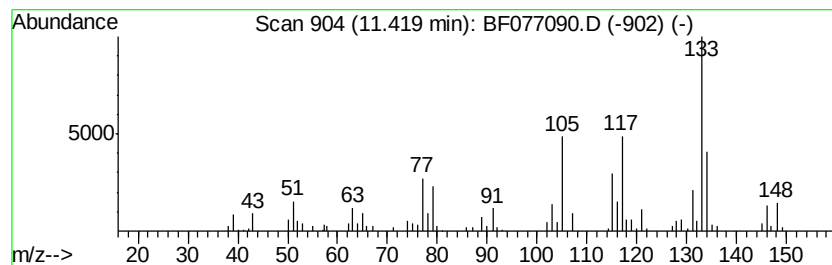
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 14 unknown11.42 Concentration Rank 17

| R.T.  | EstConc  | Area   | Relative to ISTD | R.T.  |
|-------|----------|--------|------------------|-------|
| 11.42 | 19.32 ng | 302803 | Naphthalene-d8   | 10.68 |

| Hit# | of | Tentative ID                       | MW  | MolForm | CAS#        | Qual |
|------|----|------------------------------------|-----|---------|-------------|------|
| 1    | 5  | Ethanone, 1-(4-ethylphenyl)-       | 148 | C10H12O | 000937-30-4 | 38   |
| 2    |    | 1-methyl-1-indanol                 | 148 | C10H12O | 064666-42-8 | 38   |
| 3    |    | Pyrazine, 2-methyl-6-(1-propenyl)- | 134 | C8H10N2 | 018217-81-7 | 38   |
| 4    |    | 4-tert-Butyltoluene                | 148 | C11H16  | 000098-51-1 | 38   |
| 5    |    | Pyrazine, 2-methyl-6-(1-propenyl)- | 134 | C8H10N2 | 055138-67-5 | 38   |





Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF012615\  
Data File : BF077090.D  
Acq On : 27 Jan 2015 18:11  
Operator : TP/IZ  
Sample : G1137-08  
Misc :  
ALS Vial : 42 Sample Multiplier: 1

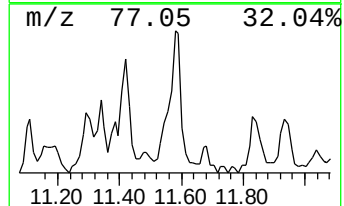
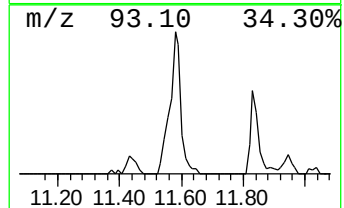
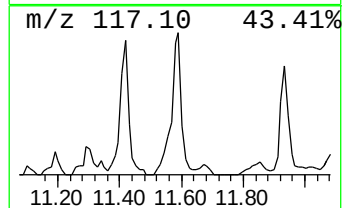
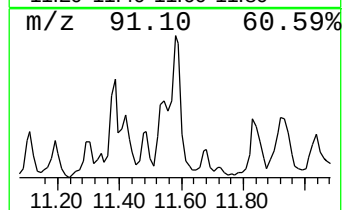
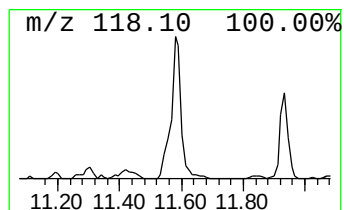
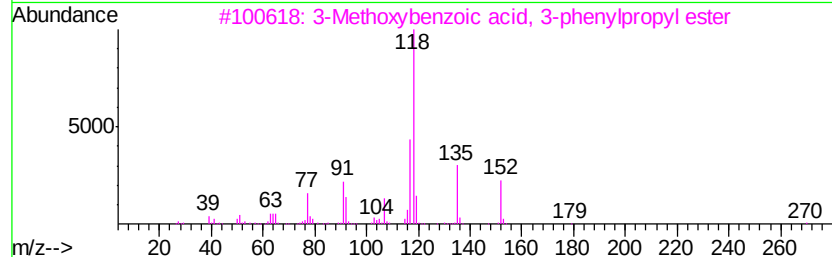
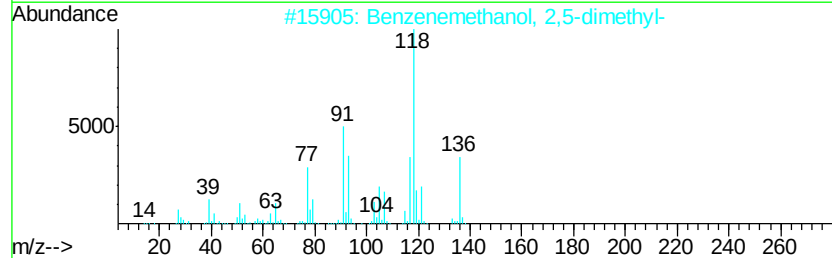
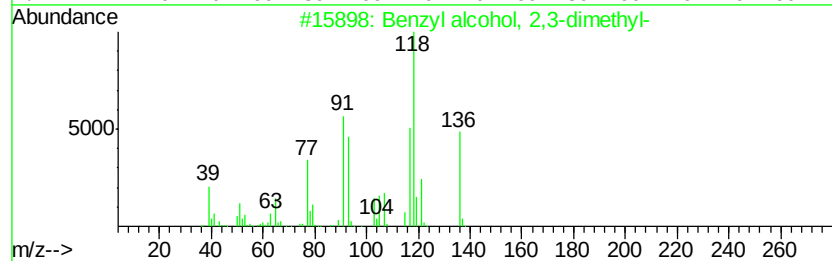
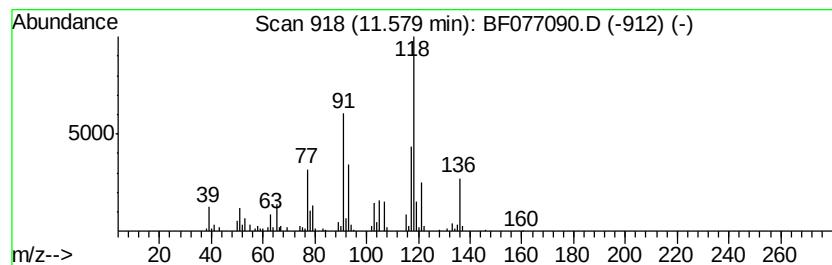
Instrument :  
BNA\_F  
ClientSampleId :  
104B1B

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF011415.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 Benzyl alcohol, 2,3-dimethyl- Concentration Rank 7

| R.T.    | EstConc  | Area                                | Relative to ISTD | R.T.            |
|---------|----------|-------------------------------------|------------------|-----------------|
| 11.58   | 31.64 ng | 495884                              | Napthalene-d8    | 10.68           |
| Hit# of | 5        | Tentative ID                        | MW MolForm       | CAS# Qual       |
| 1       |          | Benzyl alcohol, 2,3-dimethyl-       | 136 C9H12O       | 013651-14-4 95  |
| 2       |          | Benzenemethanol, 2,5-dimethyl-      | 136 C9H12O       | 053957-33-8 95  |
| 3       |          | 3-Methoxybenzoic acid, 3-phenylp... | 270 C17H18O3     | 1000293-44-5 59 |
| 4       |          | 1-Phenyl-3-dimethyl(pentafluorop... | 360 C17H17F5OSi  | 1000216-78-7 53 |
| 5       |          | 2-Propenoic acid, 3-phenylpropyl... | 190 C12H14O2     | 085909-41-7 50  |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF012615\  
Data File : BF077090.D  
Acq On : 27 Jan 2015 18:11  
Operator : TP/IZ  
Sample : G1137-08  
Misc :  
ALS Vial : 42 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
104B1B

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF011415.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

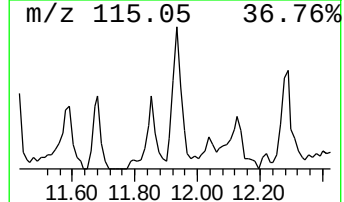
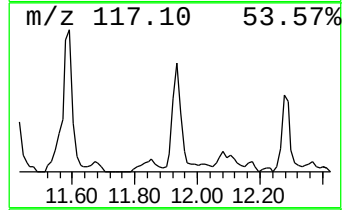
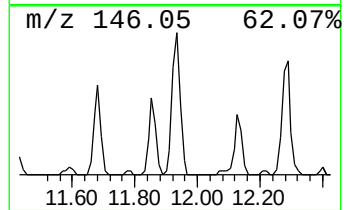
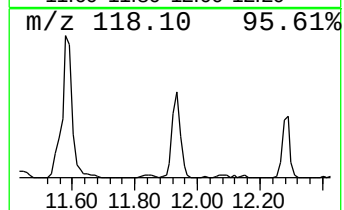
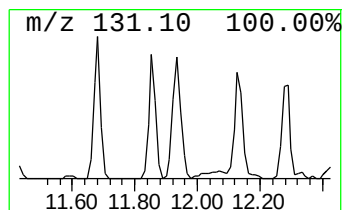
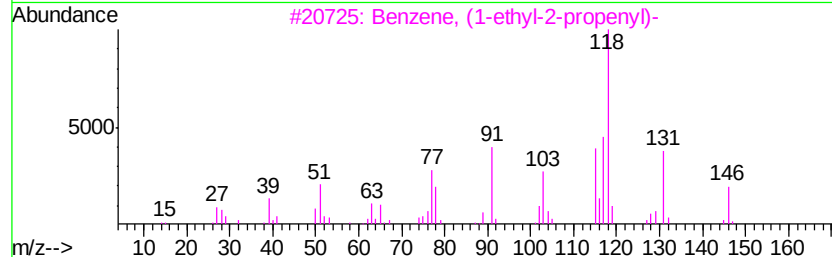
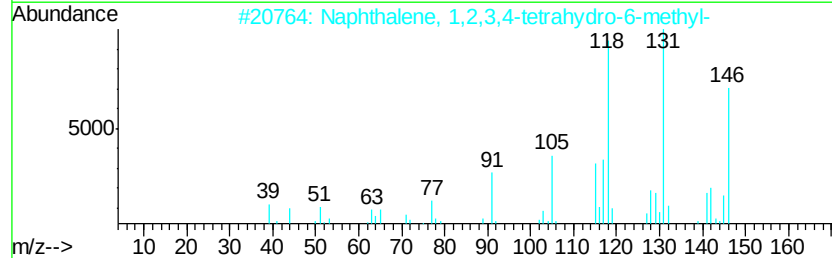
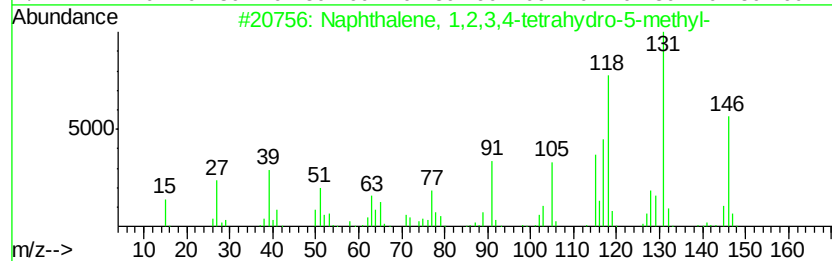
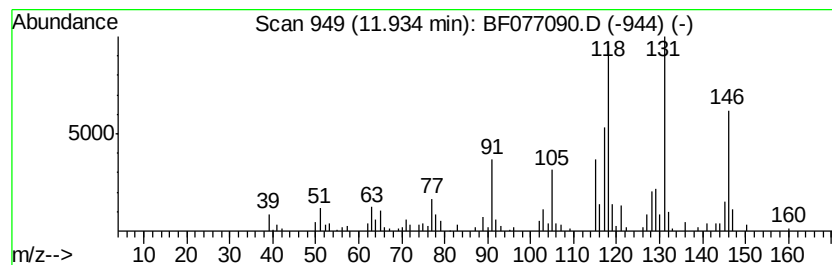
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 16 Naphthalene, 1,2,3,4-tetra... Concentration Rank 18

| R.T.  | EstConc  | Area   | Relative to ISTD | R.T.  |
|-------|----------|--------|------------------|-------|
| 11.93 | 19.15 ng | 300085 | Naphthalene-d8   | 10.68 |

| Hit# | of | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|-------------------------------------|-----|----------|-------------|------|
| 1    | 5  | Naphthalene, 1,2,3,4-tetrahydro-... | 146 | C11H14   | 002809-64-5 | 97   |
| 2    |    | Naphthalene, 1,2,3,4-tetrahydro-... | 146 | C11H14   | 001680-51-9 | 97   |
| 3    |    | Benzene, (1-ethyl-2-propenyl)-      | 146 | C11H14   | 019947-22-9 | 87   |
| 4    |    | 1H-1,3,2-Benzodiazaborole, 2-eth... | 146 | C8H11BN2 | 074663-81-3 | 81   |
| 5    |    | Benzene, (3-methyl-2-butenyl)-      | 146 | C11H14   | 004489-84-3 | 70   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF012615\  
Data File : BF077090.D  
Acq On : 27 Jan 2015 18:11  
Operator : TP/IZ  
Sample : G1137-08  
Misc :  
ALS Vial : 42 Sample Multiplier: 1

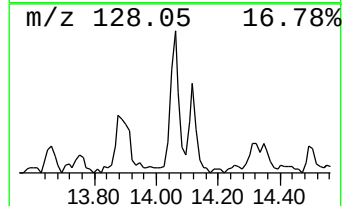
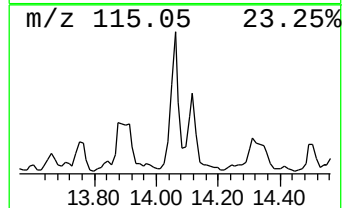
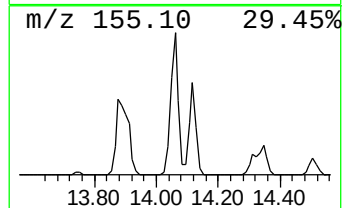
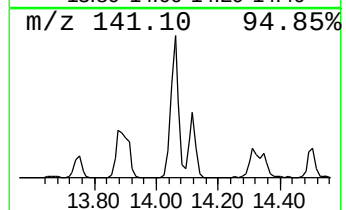
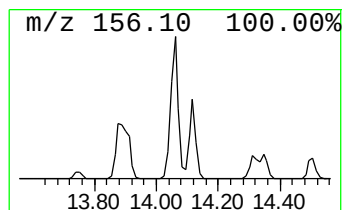
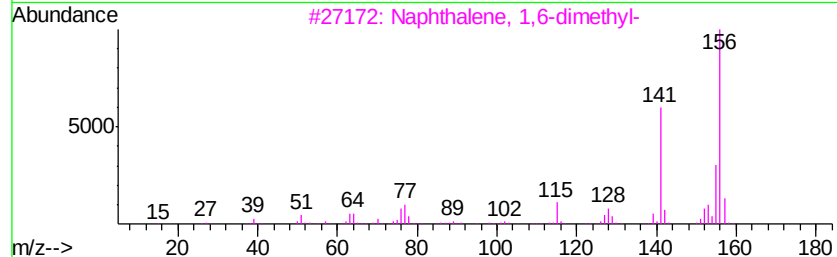
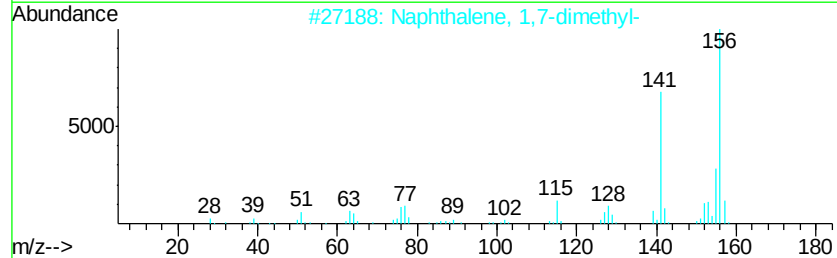
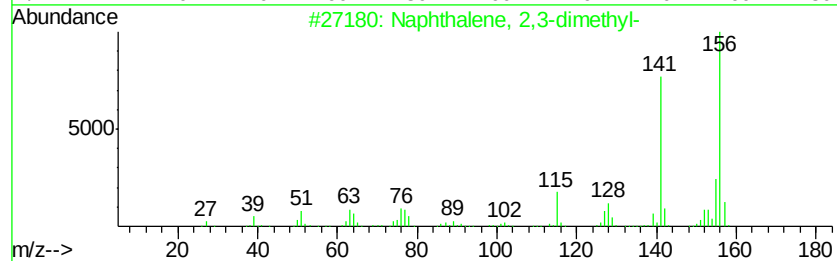
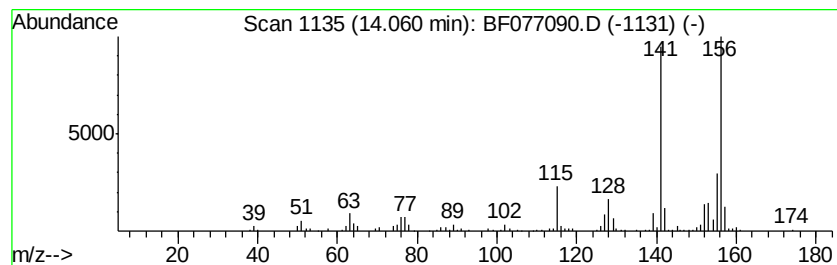
Instrument :  
BNA\_F  
ClientSampleId :  
104B1B

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF011415.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 Naphthalene, 2,3-dimethyl- Concentration Rank 4

| R.T.      | EstConc                    | Area   | Relative to ISTD |             | R.T.  |
|-----------|----------------------------|--------|------------------|-------------|-------|
| 14.06     | 40.44 ng                   | 626079 | Acenaphthene-d10 |             | 14.80 |
| Hit# of 5 | Tentative ID               | MW     | MolForm          | CAS#        | Qual  |
| 1         | Naphthalene, 2,3-dimethyl- | 156    | C12H12           | 000581-40-8 | 97    |
| 2         | Naphthalene, 1,7-dimethyl- | 156    | C12H12           | 000575-37-1 | 97    |
| 3         | Naphthalene, 1,6-dimethyl- | 156    | C12H12           | 000575-43-9 | 96    |
| 4         | Naphthalene, 2,6-dimethyl- | 156    | C12H12           | 000581-42-0 | 96    |
| 5         | Naphthalene, 1,4-dimethyl- | 156    | C12H12           | 000571-58-4 | 96    |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF012615\  
Data File : BF077090.D  
Acq On : 27 Jan 2015 18:11  
Operator : TP/IZ  
Sample : G1137-08  
Misc :  
ALS Vial : 42 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
104B1B

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF011415.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

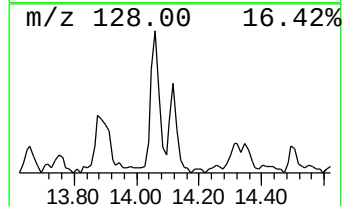
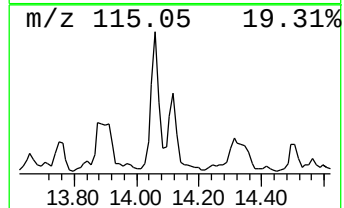
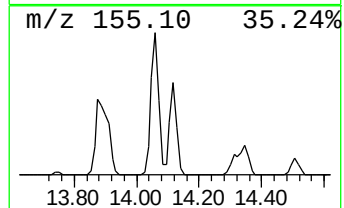
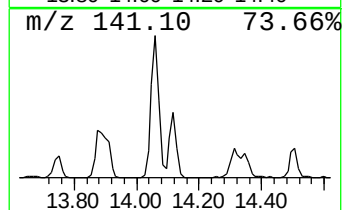
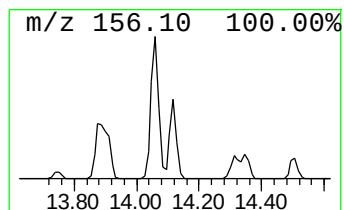
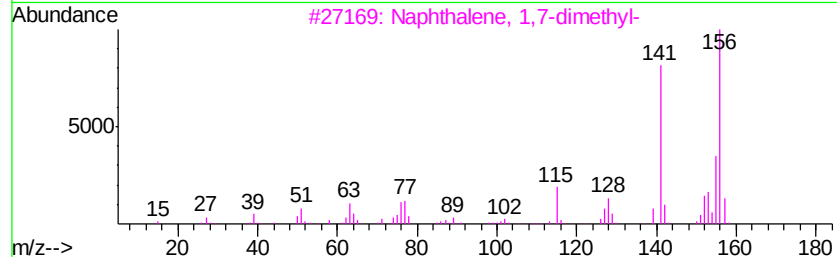
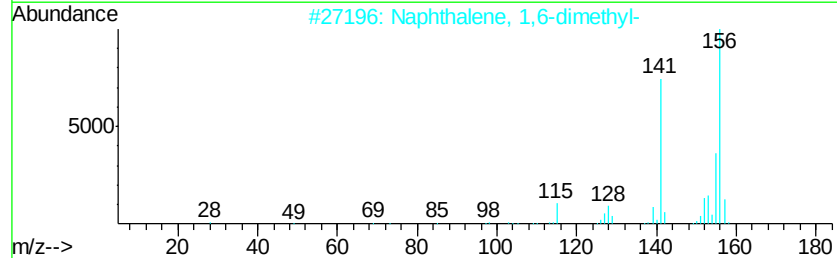
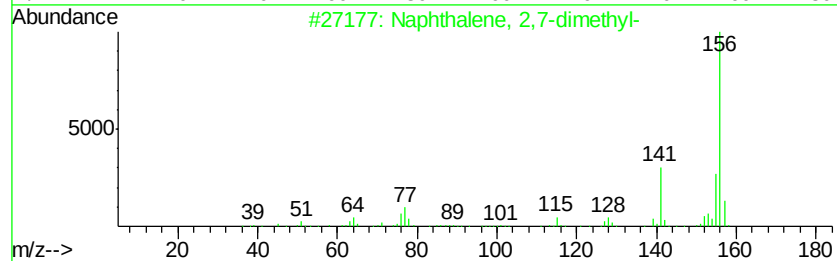
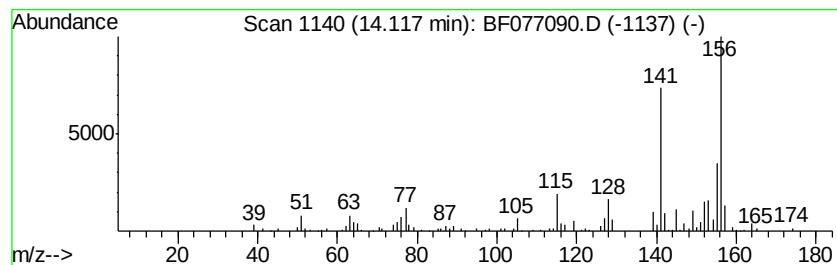
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 19 Naphthalene, 2,7-dimethyl- Concentration Rank 12

| R.T.  | EstConc  | Area   | Relative to ISTD | R.T.  |
|-------|----------|--------|------------------|-------|
| 14.12 | 30.36 ng | 470017 | Acenaphthene-d10 | 14.80 |

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



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF012615\  
Data File : BF077090.D  
Acq On : 27 Jan 2015 18:11  
Operator : TP/IZ  
Sample : G1137-08  
Misc :  
ALS Vial : 42 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
104B1B

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF011415.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

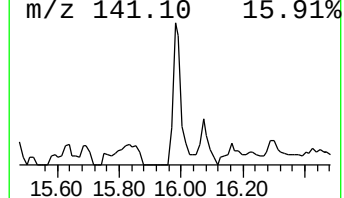
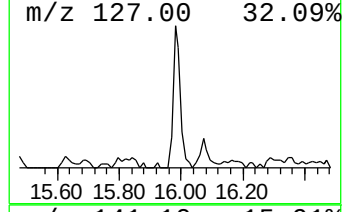
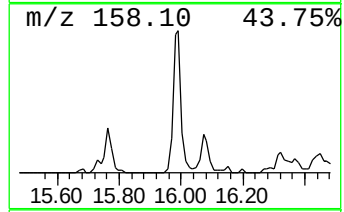
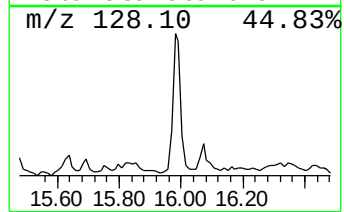
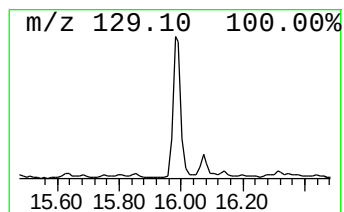
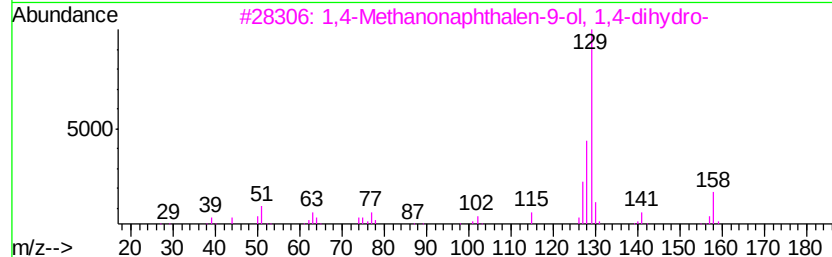
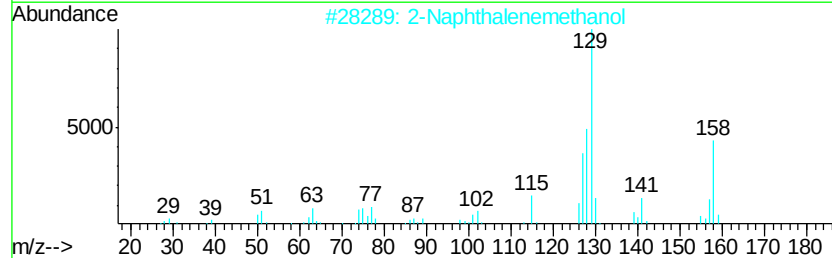
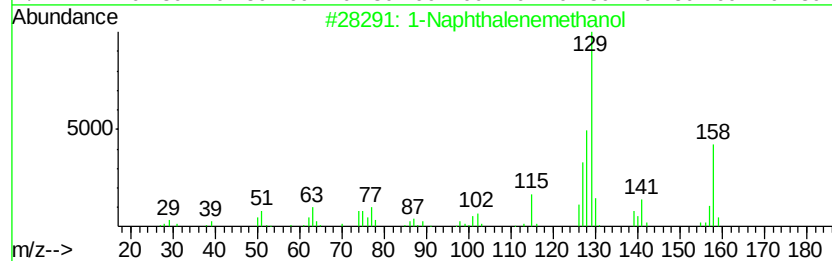
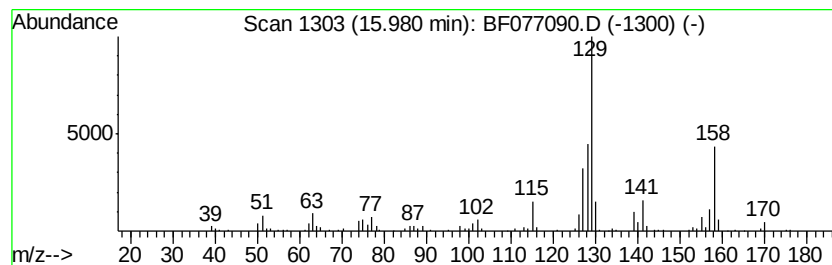
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 20 1-Naphthalenemethanol Concentration Rank 20

| R.T.  | EstConc  | Area   | Relative to ISTD | R.T.  |
|-------|----------|--------|------------------|-------|
| 15.98 | 18.24 ng | 282292 | Acenaphthene-d10 | 14.80 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#         | Qual |
|------|----|-------------------------------------|-----|---------|--------------|------|
| 1    | 5  | 1-Naphthalenemethanol               | 158 | C11H10O | 004780-79-4  | 97   |
| 2    |    | 2-Naphthalenemethanol               | 158 | C11H10O | 001592-38-7  | 94   |
| 3    |    | 1,4-Methanonaphthalen-9-ol, 1,4-... | 158 | C11H10O | 004796-33-2  | 90   |
| 4    |    | (1-Ethylbuta-1,3-dienyl)benzene     | 158 | C12H14  | 1000210-05-6 | 50   |
| 5    |    | Benzene, 1,3-hexadienyl-            | 158 | C12H14  | 041635-77-2  | 50   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF012615\  
 Data File : BF077090.D  
 Acq On : 27 Jan 2015 18:11  
 Operator : TP/IZ  
 Sample : G1137-08  
 Misc :  
 ALS Vial : 42 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 104B1B

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF011415.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 |
| Benzene, 1,3-dime... | 5.14  | 36.7    | ng    | 329568   | 1                     | 7.76  | 179530 | 20.0 |
| Benzene, 1-ethyl-... | 6.72  | 18.3    | ng    | 164271   | 1                     | 7.76  | 179530 | 20.0 |
| Benzene, 1,3,5-tr... | 6.90  | 31.2    | ng    | 279774   | 1                     | 7.76  | 179530 | 20.0 |
| Benzene, 1-ethyl-... | 7.06  | 30.9    | ng    | 276944   | 1                     | 7.76  | 179530 | 20.0 |
| unknown7.26          | 7.26  | 65.0    | ng    | 583846   | 1                     | 7.76  | 179530 | 20.0 |
| Benzene, 1,2,4-tr... | 7.40  | 30.6    | ng    | 275109   | 1                     | 7.76  | 179530 | 20.0 |
| Benzene, 1,2,3-tr... | 7.90  | 68.9    | ng    | 618820   | 1                     | 7.76  | 179530 | 20.0 |
| Benzene, 1-methyl... | 8.60  | 23.6    | ng    | 211471   | 1                     | 7.76  | 179530 | 20.0 |
| Benzenemethanol, ... | 9.93  | 27.2    | ng    | 426423   | 2                     | 10.68 | 313417 | 20.0 |
| Benzene, 2-etheny... | 10.12 | 30.5    | ng    | 477890   | 2                     | 10.68 | 313417 | 20.0 |
| Naphthalene, 1,2,... | 10.33 | 23.6    | ng    | 369064   | 2                     | 10.68 | 313417 | 20.0 |
| unknown11.42         | 11.42 | 19.3    | ng    | 302803   | 2                     | 10.68 | 313417 | 20.0 |
| Benzyl alcohol, 2... | 11.58 | 31.6    | ng    | 495884   | 2                     | 10.68 | 313417 | 20.0 |
| Naphthalene, 1,2,... | 11.93 | 19.1    | ng    | 300085   | 2                     | 10.68 | 313417 | 20.0 |
| Naphthalene, 2,3-... | 14.06 | 40.4    | ng    | 626079   | 3                     | 14.80 | 309598 | 20.0 |
| Naphthalene, 2,7-... | 14.12 | 30.4    | ng    | 470017   | 3                     | 14.80 | 309598 | 20.0 |
| 1-Naphthalenemeth... | 15.98 | 18.2    | ng    | 282292   | 3                     | 14.80 | 309598 | 20.0 |