

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012517\  
 Data File : BF092504.D  
 Acq On : 26 Jan 2017 3:55  
 Operator : SJ/MA  
 Sample : I1346-02  
 Misc :  
 ALS Vial : 39 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 P12-11817

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-BF012417.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         | 5.161       | 266           | 269         | 276          | rBV      | 1319498        | 2029691       | 42.66%          | 3.386%        |
| 2         | 5.561       | 301           | 304         | 307          | rBV      | 3487729        | 4232984       | 88.96%          | 7.062%        |
| 3         | 6.590       | 390           | 394         | 397          | rBV      | 3944612        | 4758253       | 100.00%         | 7.939%        |
| 4         | 6.727       | 403           | 406         | 409          | rBV      | 3333690        | 4428957       | 93.08%          | 7.389%        |
| 5         | 6.887       | 416           | 420         | 422          | rBV2     | 22606          | 54091         | 1.14%           | 0.090%        |
| 6         | 6.967       | 425           | 427         | 429          | rVB      | 1157288        | 1072634       | 22.54%          | 1.790%        |
| 7         | 7.082       | 434           | 437         | 438          | rBV3     | 36952          | 65595         | 1.38%           | 0.109%        |
| 8         | 7.127       | 438           | 441         | 443          | rBV      | 2942096        | 3370708       | 70.84%          | 5.624%        |
| 9         | 7.242       | 448           | 451         | 453          | rVB2     | 72712          | 93393         | 1.96%           | 0.156%        |
| 10        | 7.402       | 459           | 465         | 468          | rBV6     | 66417          | 185322        | 3.89%           | 0.309%        |
| 11        | 7.527       | 473           | 476         | 478          | rVV      | 2212863        | 2783631       | 58.50%          | 4.644%        |
| 12        | 7.562       | 478           | 479         | 482          | rVB3     | 74286          | 97816         | 2.06%           | 0.163%        |
| 13        | 7.619       | 482           | 484         | 486          | rVB2     | 107132         | 155348        | 3.26%           | 0.259%        |
| 14        | 7.676       | 486           | 489         | 490          | rBV      | 91790          | 165079        | 3.47%           | 0.275%        |
| 15        | 7.779       | 494           | 498         | 499          | rBV2     | 125996         | 144535        | 3.04%           | 0.241%        |
| 16        | 7.859       | 502           | 505         | 507          | rBV4     | 92691          | 165090        | 3.47%           | 0.275%        |
| 17        | 7.893       | 507           | 508         | 510          | rVB2     | 146955         | 177275        | 3.73%           | 0.296%        |
| 18        | 7.962       | 512           | 514         | 516          | rBV3     | 57916          | 95688         | 2.01%           | 0.160%        |
| 19        | 8.019       | 516           | 519         | 520          | rBV2     | 139379         | 186810        | 3.93%           | 0.312%        |
| 20        | 8.076       | 522           | 524         | 527          | rBV3     | 135156         | 235694        | 4.95%           | 0.393%        |
| 21        | 8.145       | 527           | 530         | 534          | rBV3     | 239978         | 479252        | 10.07%          | 0.800%        |
| 22        | 8.259       | 534           | 540         | 542          | rBV      | 1598547        | 1961766       | 41.23%          | 3.273%        |
| 23        | 8.327       | 542           | 546         | 547          | rBV2     | 209850         | 367082        | 7.71%           | 0.612%        |
| 24        | 8.465       | 556           | 558         | 562          | rVB2     | 365423         | 529380        | 11.13%          | 0.883%        |
| 25        | 8.545       | 562           | 565         | 569          | rBV4     | 239407         | 712620        | 14.98%          | 1.189%        |
| 26        | 8.613       | 569           | 571         | 573          | rVV2     | 153972         | 262999        | 5.53%           | 0.439%        |
| 27        | 8.648       | 573           | 574         | 575          | rVV      | 166460         | 150777        | 3.17%           | 0.252%        |
| 28        | 8.693       | 575           | 578         | 583          | rVB3     | 906646         | 1880759       | 39.53%          | 3.138%        |
| 29        | 8.773       | 583           | 585         | 586          | rBV      | 165020         | 192280        | 4.04%           | 0.321%        |
| 30        | 8.808       | 586           | 588         | 590          | rBV      | 464240         | 610663        | 12.83%          | 1.019%        |
| 31        | 8.956       | 594           | 601         | 603          | rVB3     | 350652         | 991790        | 20.84%          | 1.655%        |
| 32        | 9.013       | 604           | 606         | 607          | rBV      | 224946         | 262448        | 5.52%           | 0.438%        |
| 33        | 9.048       | 607           | 609         | 612          | rVB3     | 217428         | 340666        | 7.16%           | 0.568%        |
| 34        | 9.150       | 616           | 618         | 619          | rBV2     | 239136         | 293714        | 6.17%           | 0.490%        |

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 ClientSampleId :  
 P12-11817

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-BF012417.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 35 | 9.265  | 626  | 628  | 629  | rBV2 | 250485  | 299725  | 6.30%  | 0.500% |
| 36 | 9.288  | 629  | 630  | 632  | rVB  | 1104425 | 1134030 | 23.83% | 1.892% |
| 37 | 9.345  | 632  | 635  | 637  | rVB  | 3849329 | 3757113 | 78.96% | 6.268% |
| 38 | 9.379  | 637  | 638  | 640  | rBV2 | 40832   | 82579   | 1.74%  | 0.138% |
| 39 | 9.425  | 640  | 642  | 644  | rBV2 | 1055792 | 1315052 | 27.64% | 2.194% |
| 40 | 9.470  | 644  | 646  | 648  | rBV3 | 143884  | 272421  | 5.73%  | 0.455% |
| 41 | 9.745  | 667  | 670  | 672  | rVV2 | 1120924 | 1625284 | 34.16% | 2.712% |
| 42 | 9.848  | 676  | 679  | 681  | rVB2 | 216269  | 379199  | 7.97%  | 0.633% |
| 43 | 9.893  | 681  | 683  | 684  | rBV  | 440383  | 528221  | 11.10% | 0.881% |
| 44 | 9.973  | 688  | 690  | 691  | rBV2 | 125186  | 143642  | 3.02%  | 0.240% |
| 45 | 10.019 | 691  | 694  | 696  | rVB  | 1374156 | 1894035 | 39.81% | 3.160% |
| 46 | 10.065 | 696  | 698  | 703  | rBV2 | 188461  | 349795  | 7.35%  | 0.584% |
| 47 | 10.282 | 715  | 717  | 720  | rVB  | 180450  | 245791  | 5.17%  | 0.410% |
| 48 | 10.431 | 729  | 730  | 733  | rVB2 | 183094  | 224499  | 4.72%  | 0.375% |
| 49 | 10.671 | 749  | 751  | 755  | rVB  | 256779  | 357009  | 7.50%  | 0.596% |
| 50 | 10.808 | 760  | 763  | 766  | rVB  | 2082930 | 2383418 | 50.09% | 3.976% |
| 51 | 10.945 | 772  | 775  | 777  | rVB  | 355240  | 505687  | 10.63% | 0.844% |
| 52 | 11.379 | 811  | 813  | 814  | rBV  | 81156   | 89258   | 1.88%  | 0.149% |
| 53 | 11.505 | 822  | 824  | 828  | rVB  | 1673757 | 1555822 | 32.70% | 2.596% |
| 54 | 11.802 | 848  | 850  | 852  | rVB  | 87365   | 71400   | 1.50%  | 0.119% |
| 55 | 12.031 | 869  | 870  | 872  | rBV  | 71531   | 75933   | 1.60%  | 0.127% |
| 56 | 12.122 | 875  | 878  | 881  | rVB2 | 60937   | 102658  | 2.16%  | 0.171% |
| 57 | 12.716 | 928  | 930  | 932  | rBV  | 436359  | 377781  | 7.94%  | 0.630% |
| 58 | 12.945 | 946  | 950  | 953  | rBV  | 371116  | 410774  | 8.63%  | 0.685% |
| 59 | 13.094 | 960  | 963  | 966  | rBV  | 2981416 | 3909922 | 82.17% | 6.523% |
| 60 | 13.162 | 966  | 969  | 973  | rVB4 | 22052   | 65044   | 1.37%  | 0.109% |
| 61 | 13.277 | 973  | 979  | 980  | rBV2 | 66549   | 86582   | 1.82%  | 0.144% |
| 62 | 13.345 | 983  | 985  | 986  | rBV  | 52672   | 49450   | 1.04%  | 0.083% |
| 63 | 13.997 | 1040 | 1042 | 1045 | rBV  | 264450  | 363231  | 7.63%  | 0.606% |
| 64 | 14.145 | 1052 | 1055 | 1060 | rVB  | 1536580 | 1658880 | 34.86% | 2.768% |
| 65 | 14.248 | 1060 | 1064 | 1066 | rBV2 | 49057   | 68014   | 1.43%  | 0.113% |
| 66 | 14.625 | 1093 | 1097 | 1098 | rBV3 | 49779   | 75527   | 1.59%  | 0.126% |
| 67 | 15.014 | 1129 | 1131 | 1137 | rBV2 | 98887   | 128176  | 2.69%  | 0.214% |
| 68 | 15.185 | 1144 | 1146 | 1150 | rBV  | 85682   | 177201  | 3.72%  | 0.296% |
| 69 | 15.300 | 1152 | 1156 | 1159 | rVB2 | 26497   | 63285   | 1.33%  | 0.106% |
| 70 | 15.494 | 1171 | 1173 | 1176 | rVB  | 53905   | 71433   | 1.50%  | 0.119% |
| 71 | 15.551 | 1176 | 1178 | 1181 | rBV  | 60489   | 91580   | 1.92%  | 0.153% |

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Misc :  
ALS Vial : 39 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
P12-11817

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-BF012417.M  
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|    |        |      |      |      |      |        |         |        |        |
|----|--------|------|------|------|------|--------|---------|--------|--------|
| 72 | 15.620 | 1181 | 1184 | 1187 | rBV  | 765376 | 1077727 | 22.65% | 1.798% |
| 73 | 16.168 | 1229 | 1232 | 1243 | rVB7 | 31339  | 103756  | 2.18%  | 0.173% |
| 74 | 17.094 | 1310 | 1313 | 1318 | rVB2 | 41275  | 90968   | 1.91%  | 0.152% |
| 75 | 17.540 | 1348 | 1352 | 1358 | rVB  | 60682  | 141901  | 2.98%  | 0.237% |

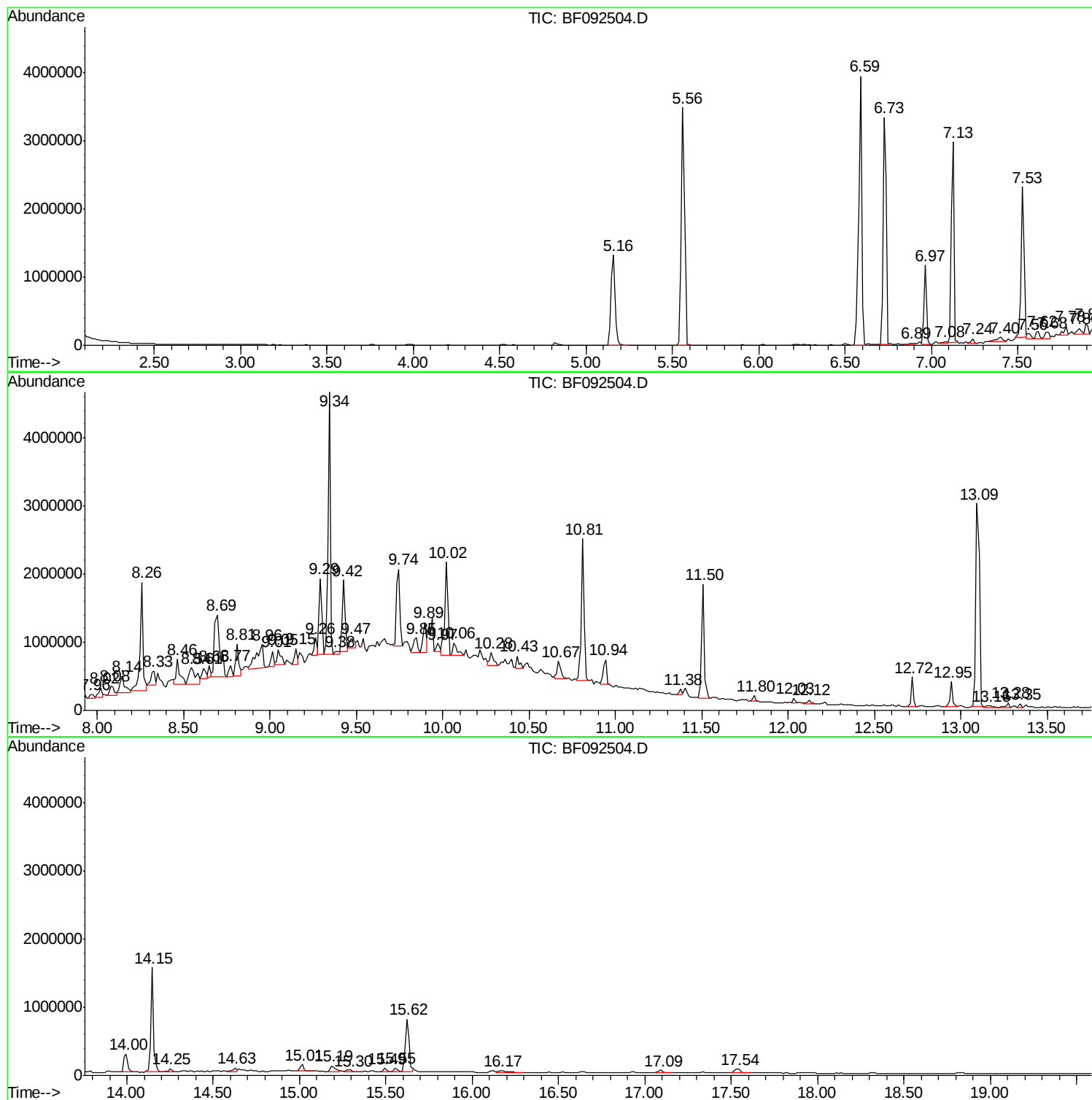
Sum of corrected areas: 59938593

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012517\  
Data File : BF092504.D  
Acq On : 26 Jan 2017 3:55  
Operator : SJ/MA  
Sample : I1346-02  
Misc :  
ALS Vial : 39 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampled :  
P12-11817

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.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\BF012517\  
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Operator : SJ/MA  
Sample : I1346-02  
Misc :  
ALS Vial : 39 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
P12-11817

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF012417.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

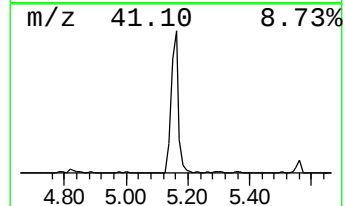
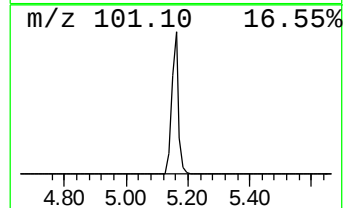
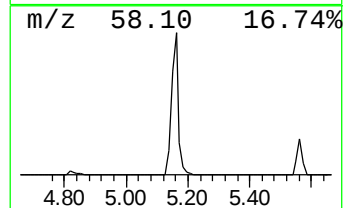
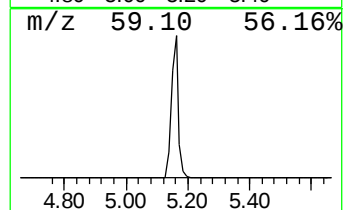
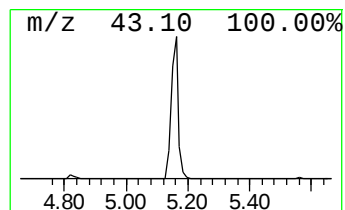
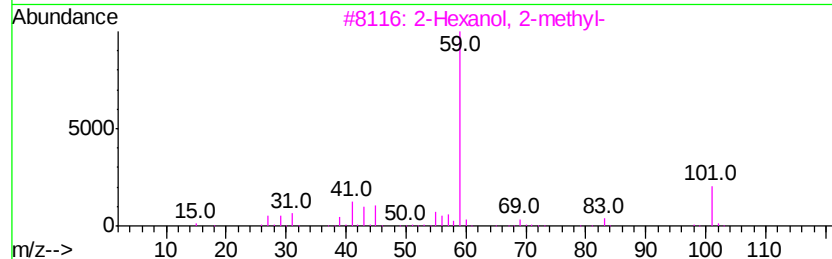
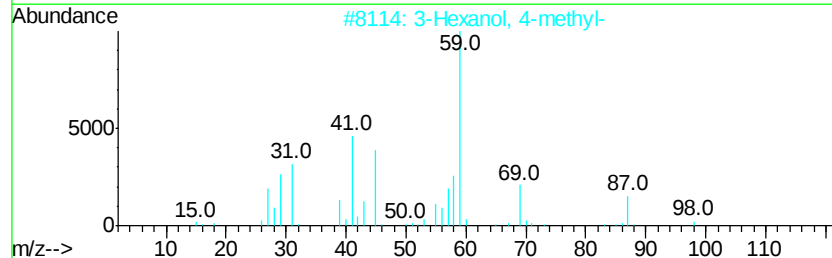
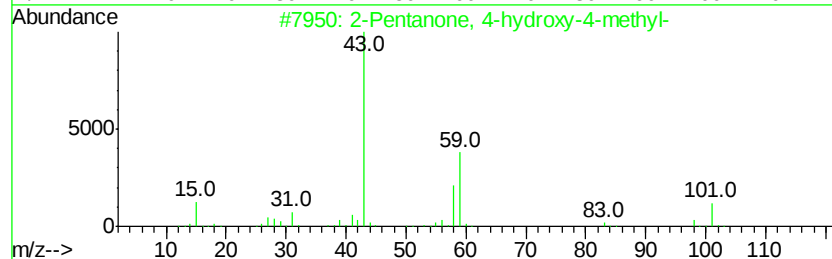
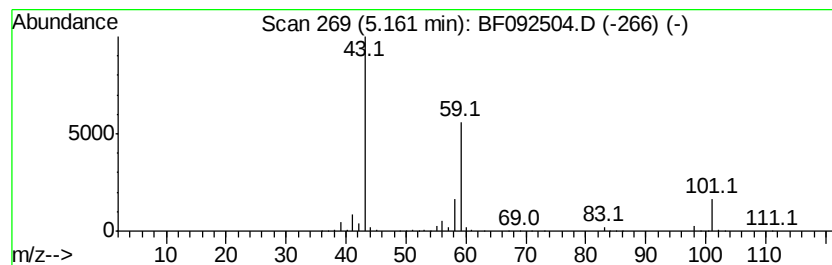
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 5.16 | 37.85 ng | 2029690 | 1,4-Dichlorobenzene-d4 | 6.97 |

| Hit# | of | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|-------------------------------------|-----|----------|-------------|------|
| 1    | 5  | 2-Pentanone, 4-hydroxy-4-methyl-    | 116 | C6H12O2  | 000123-42-2 | 59   |
| 2    |    | 3-Hexanol, 4-methyl-                | 116 | C7H16O   | 000615-29-2 | 33   |
| 3    |    | 2-Hexanol, 2-methyl-                | 116 | C7H16O   | 000625-23-0 | 33   |
| 4    |    | Acetic acid, 1,1-dimethylethyl e... | 116 | C6H12O2  | 000540-88-5 | 28   |
| 5    |    | Acetic acid, cyano-, 1,1-dimethy... | 141 | C7H11NO2 | 001116-98-9 | 25   |



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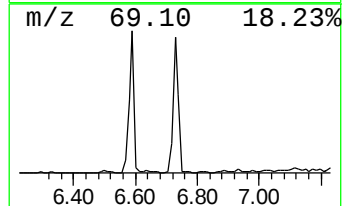
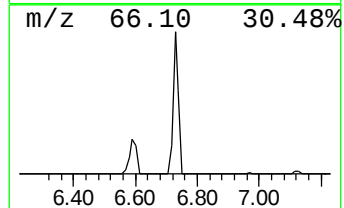
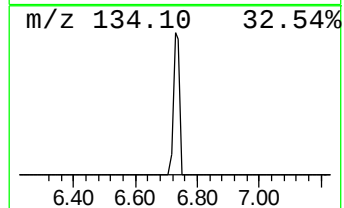
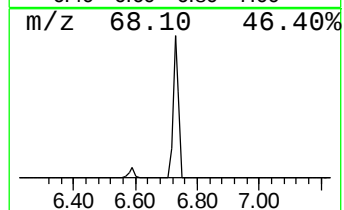
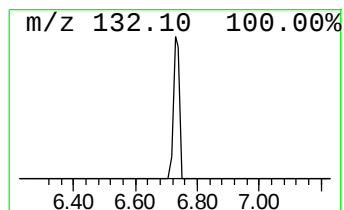
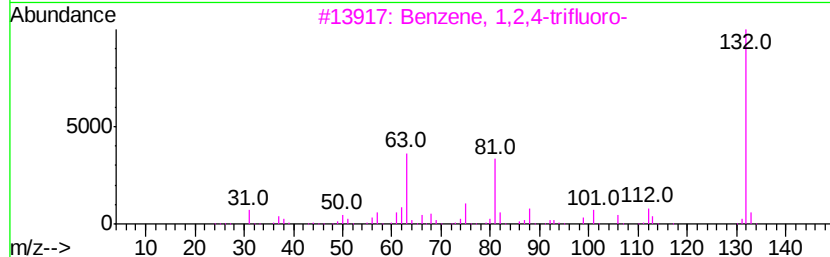
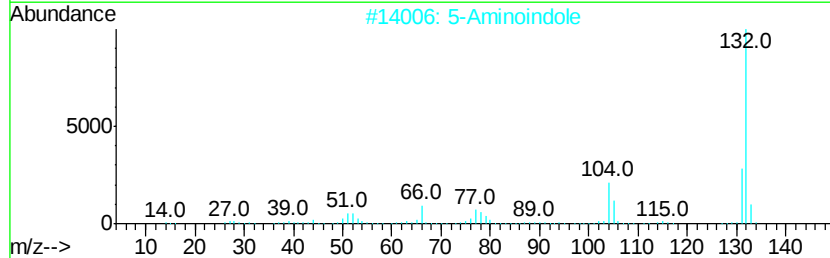
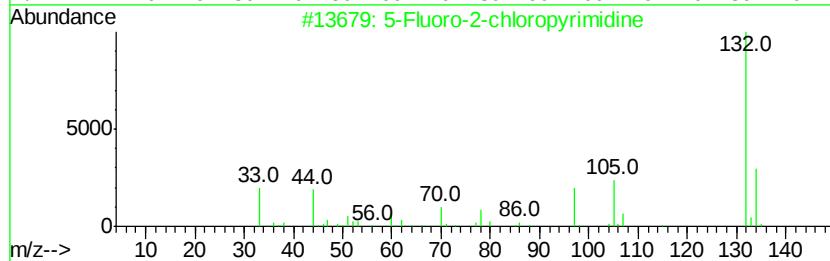
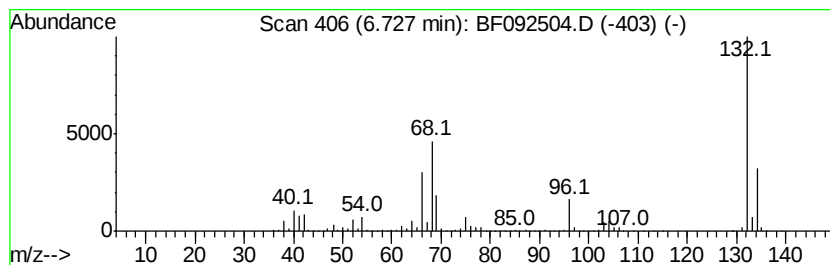
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 2 unknown6.73 Concentration Rank 1

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 6.73 | 82.58 ng | 4428960 | 1,4-Dichlorobenzene-d4 | 6.97 |

| Hit# | of | Tentative ID                     | MW  | MolForm   | CAS#        | Qual |
|------|----|----------------------------------|-----|-----------|-------------|------|
| 1    | 5  | 5-Fluoro-2-chloropyrimidine      | 132 | C4H2ClFN2 | 062802-42-0 | 12   |
| 2    |    | 5-Aminoindole                    | 132 | C8H8N2    | 005192-03-0 | 12   |
| 3    |    | Benzene, 1,2,4-trifluoro-        | 132 | C6H3F3    | 000367-23-7 | 9    |
| 4    |    | Benzene, 1,3,5-trifluoro-        | 132 | C6H3F3    | 000372-38-3 | 9    |
| 5    |    | (E)-3-Chloro-2-methyl-2-pentenal | 132 | C6H9ClO   | 031357-76-3 | 9    |



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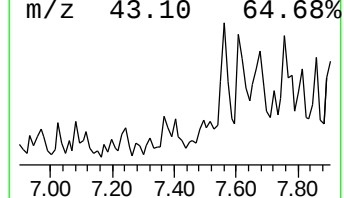
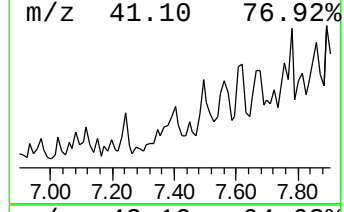
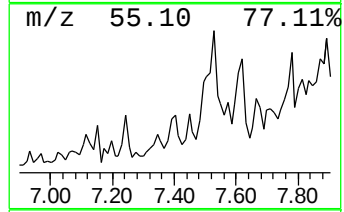
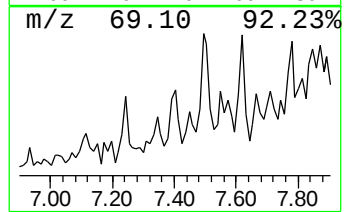
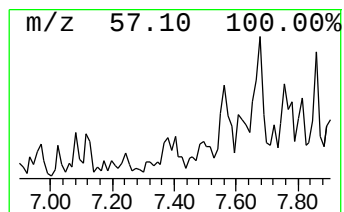
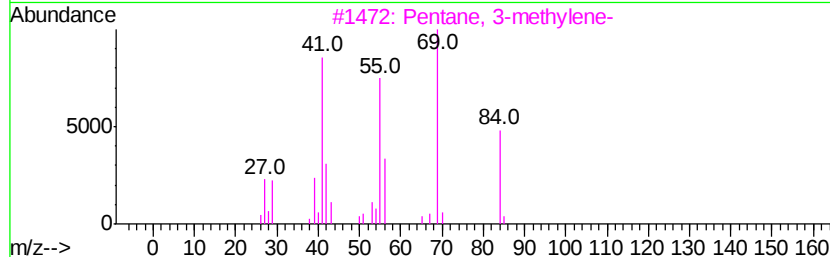
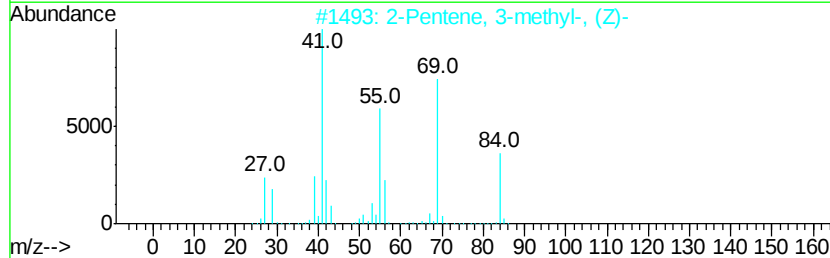
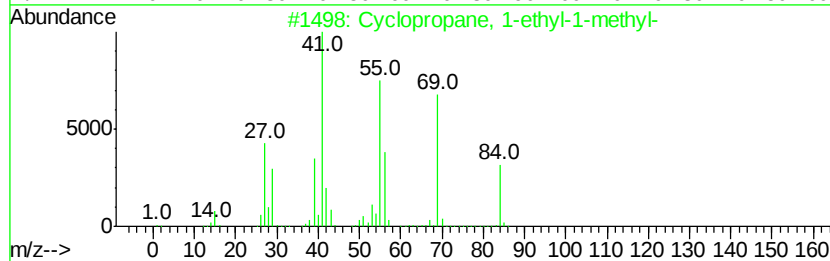
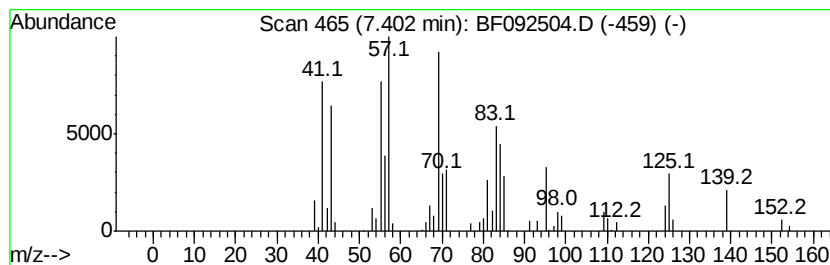
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TIC Integration Parameters: LSCINT.P

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Peak Number 4 unknown7.40 Concentration Rank 19

| R.T. | EstConc | Area   | Relative to ISTD       | R.T. |
|------|---------|--------|------------------------|------|
| 7.40 | 3.46 ng | 185322 | 1,4-Dichlorobenzene-d4 | 6.97 |

| Hit# | of | Tentative ID                    | MW | MolForm | CAS#        | Qual |
|------|----|---------------------------------|----|---------|-------------|------|
| 1    | 5  | Cyclopropane, 1-ethyl-1-methyl- | 84 | C6H12   | 053778-43-1 | 46   |
| 2    |    | 2-Pentene, 3-methyl-, (Z)-      | 84 | C6H12   | 000922-62-3 | 46   |
| 3    |    | Pentane, 3-methylene-           | 84 | C6H12   | 000760-21-4 | 46   |
| 4    |    | 2-Pentene, 3-methyl-, (E)-      | 84 | C6H12   | 000616-12-6 | 38   |
| 5    |    | 2-Pentene, 3-methyl-            | 84 | C6H12   | 000922-61-2 | 38   |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF012517\  
Data File : BF092504.D  
Acq On : 26 Jan 2017 3:55  
Operator : SJ/MA  
Sample : I1346-02  
Misc :  
ALS Vial : 39 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
P12-11817

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

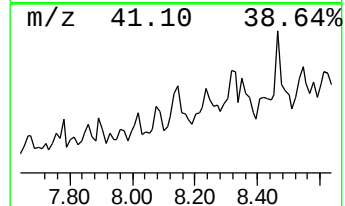
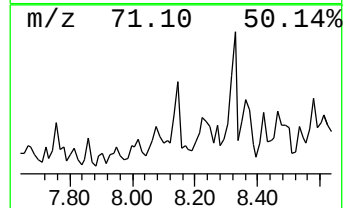
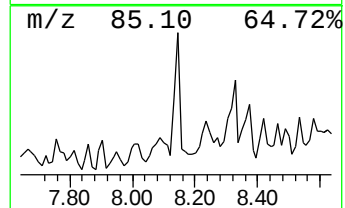
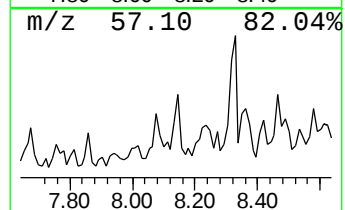
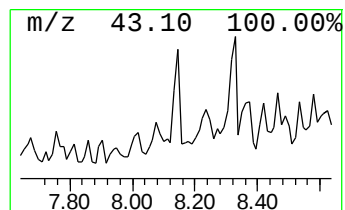
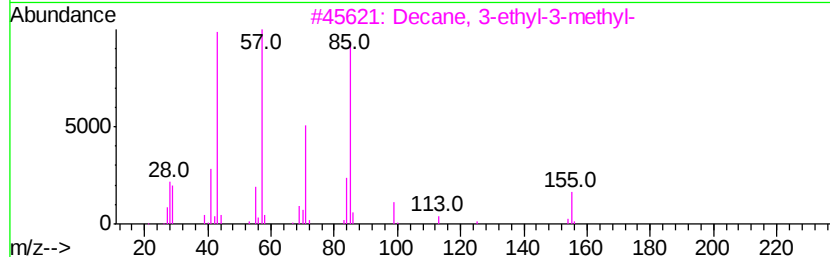
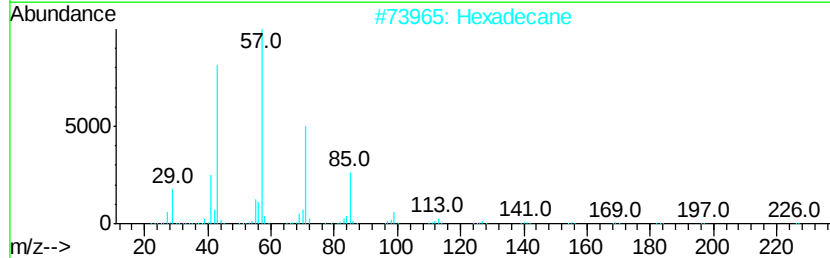
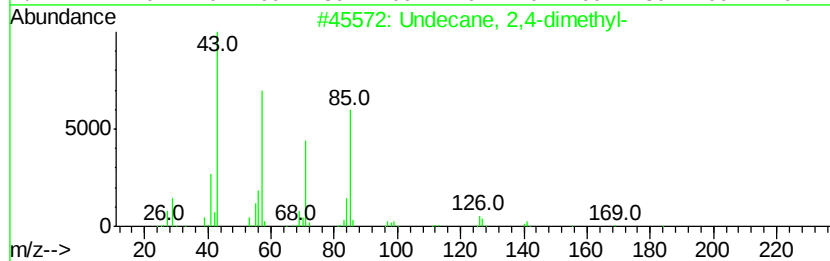
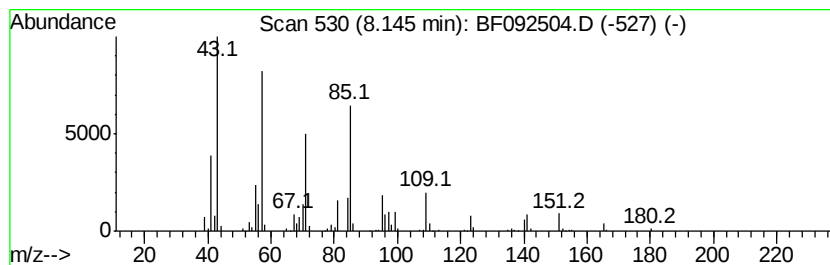
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TIC Integration Parameters: LSCINT.P

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Peak Number 5 unknown8.14 Concentration Rank 13

| R.T. | EstConc | Area   | Relative to ISTD | R.T. |
|------|---------|--------|------------------|------|
| 8.14 | 4.89 ng | 479252 | Naphthalene-d8   | 8.26 |

| Hit# | of | Tentative ID              | MW  | MolForm | CAS#        | Qual |
|------|----|---------------------------|-----|---------|-------------|------|
| 1    | 5  | Undecane, 2,4-dimethyl-   | 184 | C13H28  | 017312-80-0 | 47   |
| 2    |    | Hexadecane                | 226 | C16H34  | 000544-76-3 | 43   |
| 3    |    | Decane, 3-ethyl-3-methyl- | 184 | C13H28  | 017312-66-2 | 43   |
| 4    |    | Decane, 2,3,5-trimethyl-  | 184 | C13H28  | 062238-11-3 | 43   |
| 5    |    | Tetracosane               | 338 | C24H50  | 000646-31-1 | 43   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF012517\  
Data File : BF092504.D  
Acq On : 26 Jan 2017 3:55  
Operator : SJ/MA  
Sample : I1346-02  
Misc :  
ALS Vial : 39 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
P12-11817

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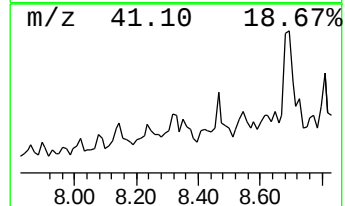
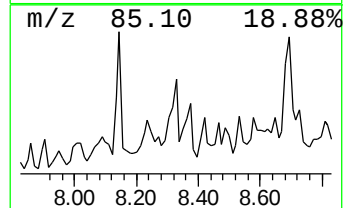
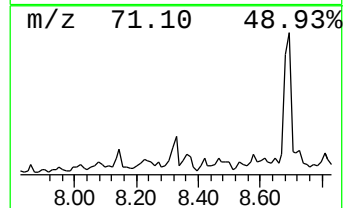
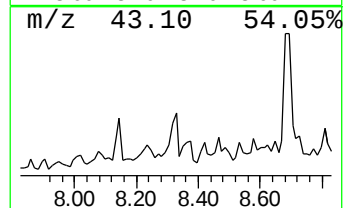
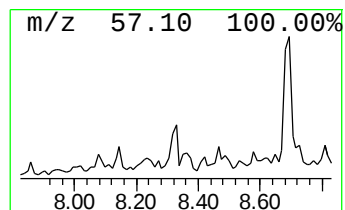
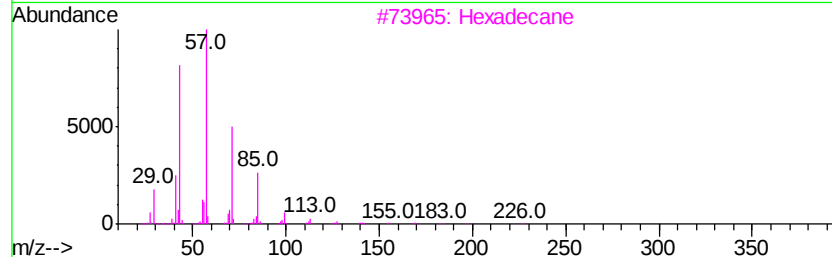
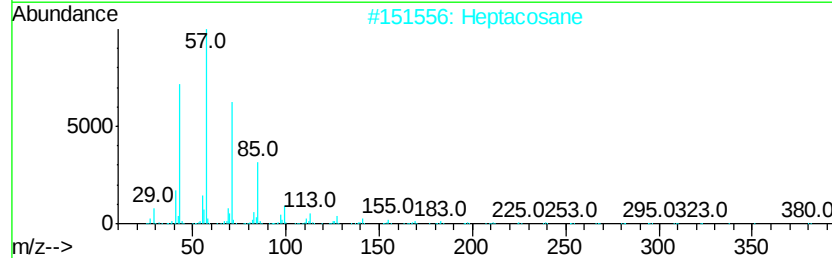
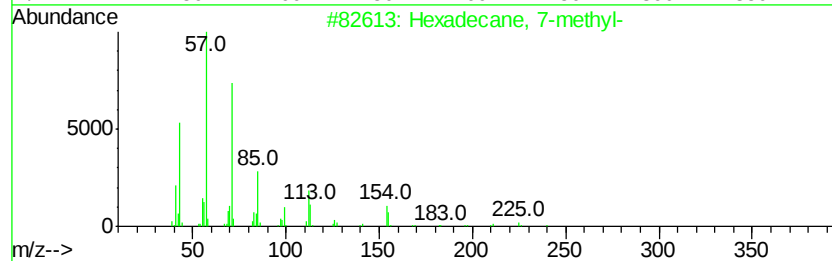
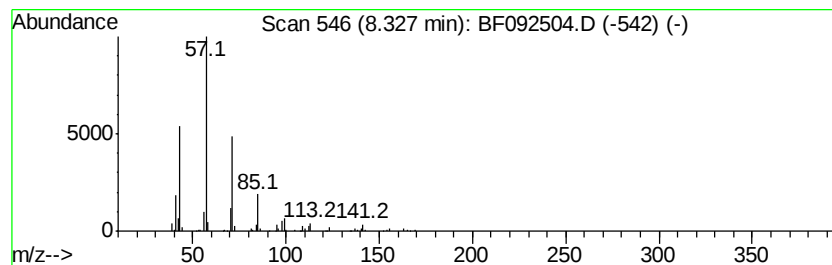
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 6 Hexadecane, 7-methyl- Concentration Rank 17

| R.T. | EstConc | Area   | Relative to ISTD | R.T. |
|------|---------|--------|------------------|------|
| 8.33 | 3.74 ng | 367082 | Naphthalene-d8   | 8.26 |

| Hit# | of | Tentative ID            | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------|-----|---------|-------------|------|
| 1    | 5  | Hexadecane, 7-methyl-   | 240 | C17H36  | 026730-20-1 | 72   |
| 2    |    | Heptacosane             | 380 | C27H56  | 000593-49-7 | 64   |
| 3    |    | Hexadecane              | 226 | C16H34  | 000544-76-3 | 59   |
| 4    |    | Tridecane, 3-methyl-    | 198 | C14H30  | 006418-41-3 | 59   |
| 5    |    | Dodecane, 4,6-dimethyl- | 198 | C14H30  | 061141-72-8 | 53   |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF012517\  
Data File : BF092504.D  
Acq On : 26 Jan 2017 3:55  
Operator : SJ/MA  
Sample : I1346-02  
Misc :  
ALS Vial : 39 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
P12-11817

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

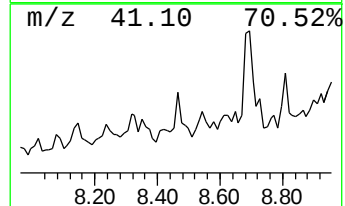
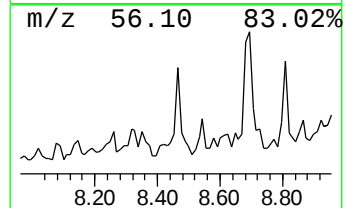
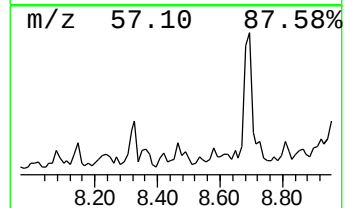
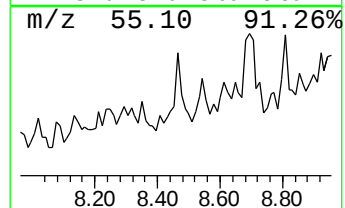
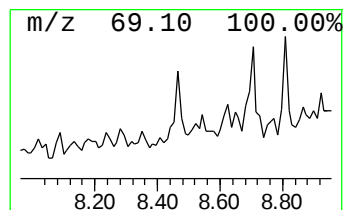
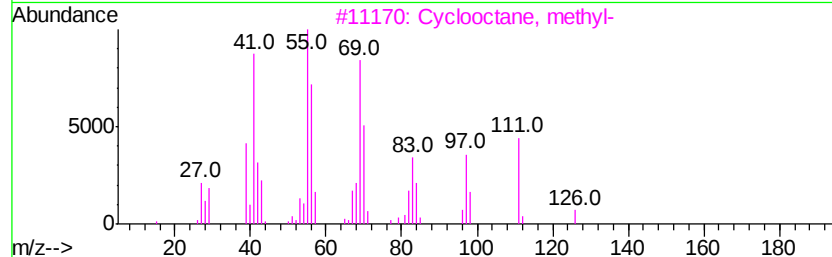
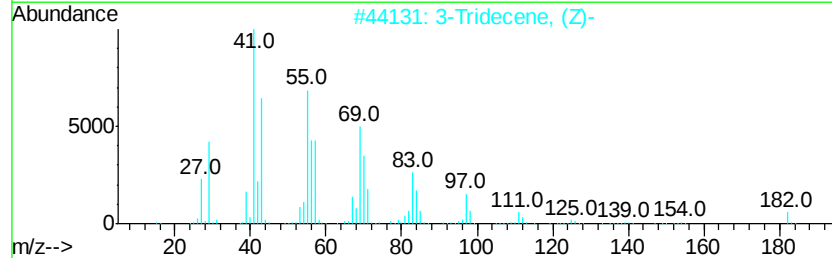
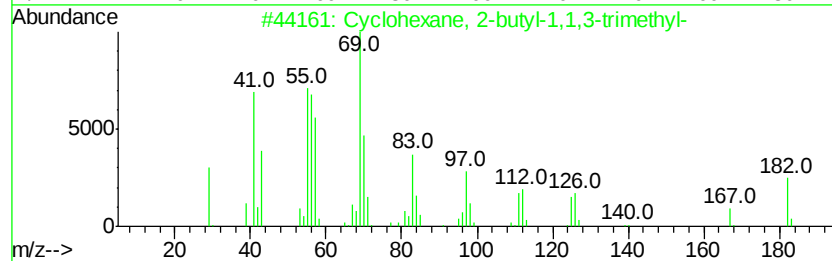
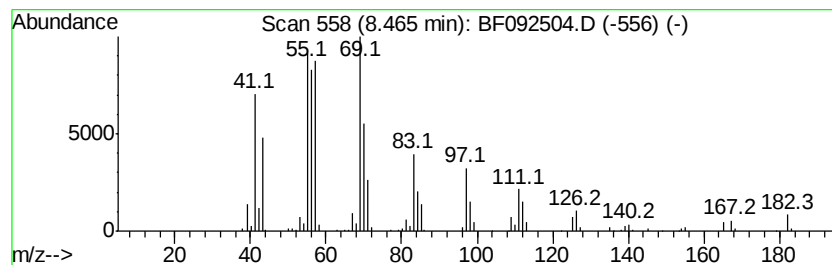
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 7 Cyclohexane, 2-butyl-1,1,3-... Concentration Rank 12

| R.T. | EstConc | Area   | Relative to ISTD | R.T. |
|------|---------|--------|------------------|------|
| 8.46 | 5.40 ng | 529380 | Naphthalene-d8   | 8.26 |

| Hit# | of | Tentative ID                        | MW  | MolForm    | CAS#         | Qual |
|------|----|-------------------------------------|-----|------------|--------------|------|
| 1    | 5  | Cyclohexane, 2-butyl-1,1,3-trime... | 182 | C13H26     | 054676-39-0  | 93   |
| 2    |    | 3-Tridecene, (Z)-                   | 182 | C13H26     | 041446-53-1  | 87   |
| 3    |    | Cyclooctane, methyl-                | 126 | C9H18      | 001502-38-1  | 86   |
| 4    |    | 3-HeptafluorobutYROxytridecane      | 396 | C17H27F7O2 | 1000245-49-5 | 64   |
| 5    |    | Cyclododecane                       | 168 | C12H24     | 000294-62-2  | 58   |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF012517\  
Data File : BF092504.D  
Acq On : 26 Jan 2017 3:55  
Operator : SJ/MA  
Sample : I1346-02  
Misc :  
ALS Vial : 39 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
P12-11817

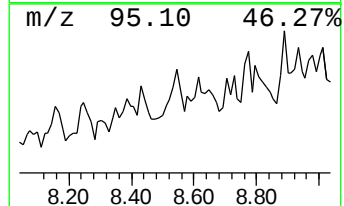
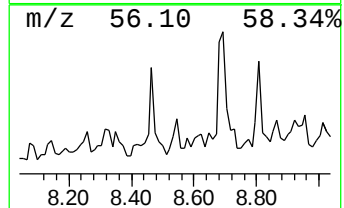
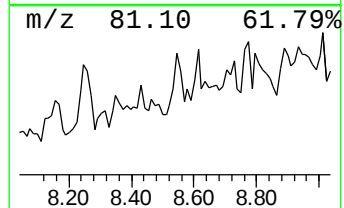
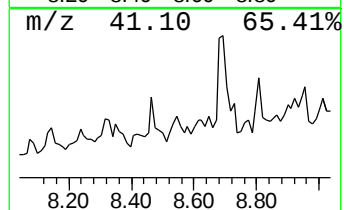
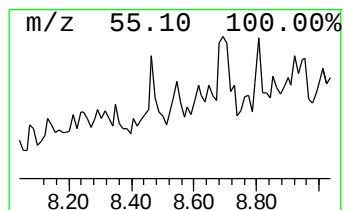
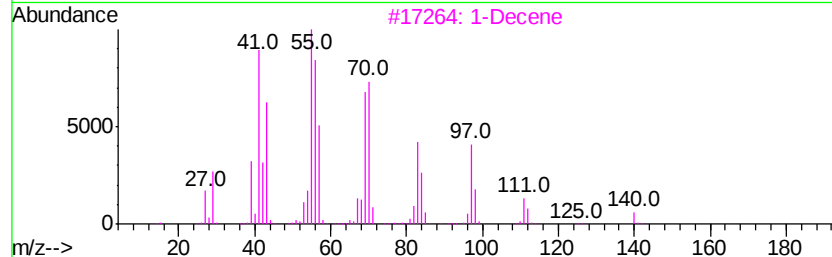
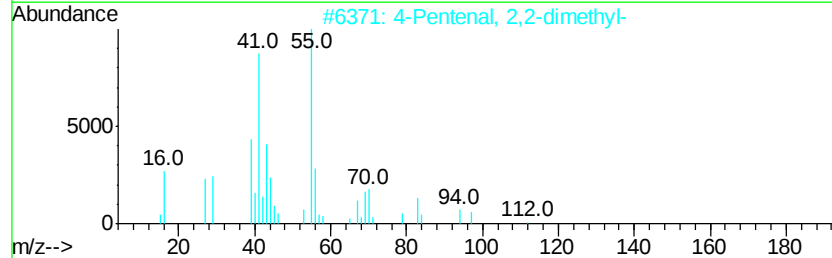
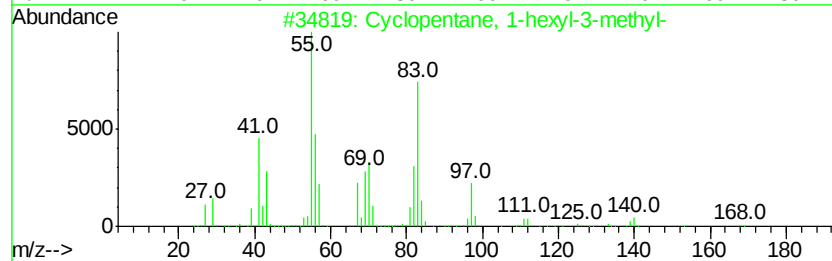
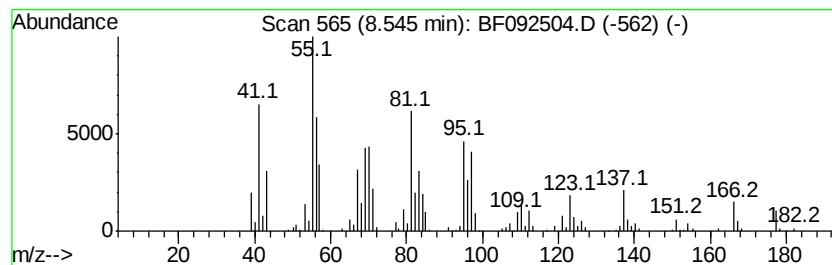
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 8 unknown8.54 Concentration Rank 8

| R.T. | EstConc | Area   | Relative to ISTD | R.T. |
|------|---------|--------|------------------|------|
| 8.54 | 7.27 ng | 712620 | Napthalene-d8    | 8.26 |

| Hit# | of | Tentative ID                    | MW  | MolForm | CAS#        | Qual |
|------|----|---------------------------------|-----|---------|-------------|------|
| 1    | 5  | Cyclopentane, 1-hexyl-3-methyl- | 168 | C12H24  | 061142-68-5 | 46   |
| 2    |    | 4-Pentenal, 2,2-dimethyl-       | 112 | C7H12O  | 005497-67-6 | 43   |
| 3    |    | 1-Decene                        | 140 | C10H20  | 000872-05-9 | 38   |
| 4    |    | 2-Undecene, (E)-                | 154 | C11H22  | 000693-61-8 | 30   |
| 5    |    | Cyclooctane                     | 112 | C8H16   | 000292-64-8 | 30   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF012517\  
Data File : BF092504.D  
Acq On : 26 Jan 2017 3:55  
Operator : SJ/MA  
Sample : I1346-02  
Misc :  
ALS Vial : 39 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
P12-11817

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF012417.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

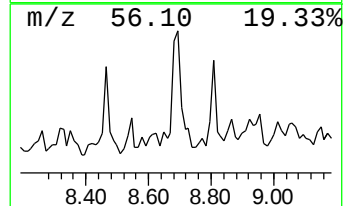
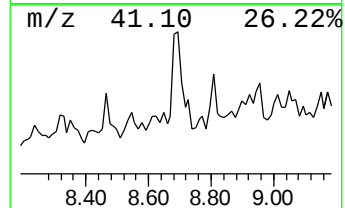
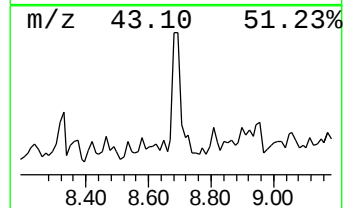
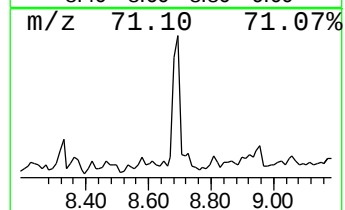
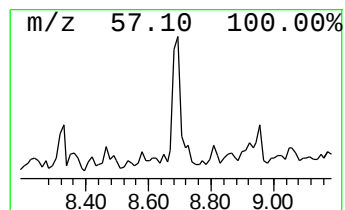
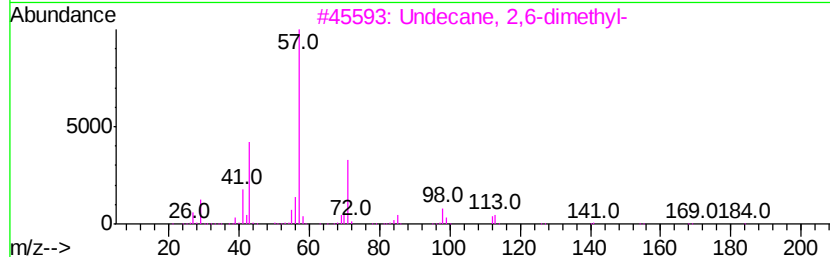
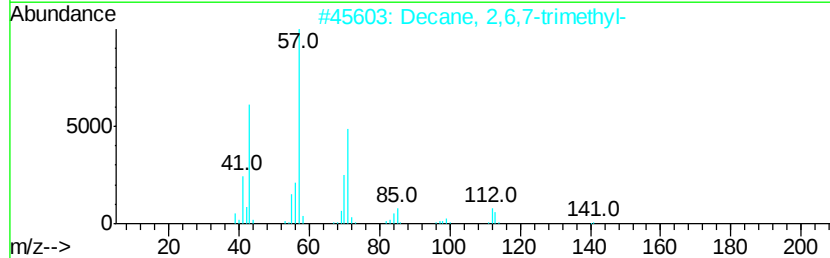
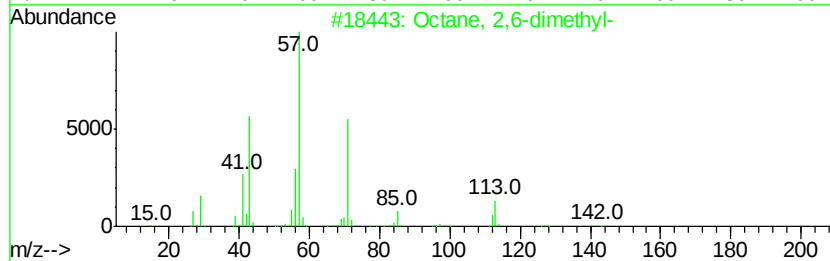
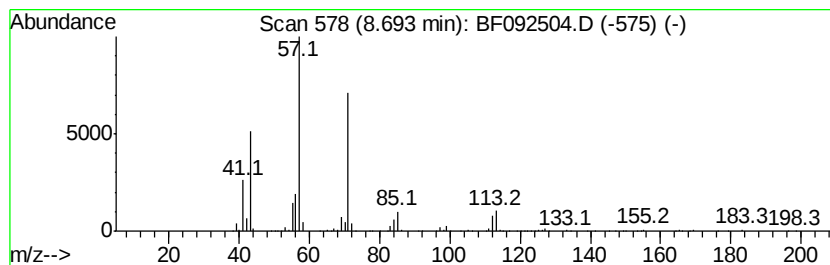
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 9 Octane, 2,6-dimethyl- Concentration Rank 4

| R.T. | EstConc  | Area    | Relative to ISTD | R.T. |
|------|----------|---------|------------------|------|
| 8.69 | 19.17 ng | 1880760 | Naphthalene-d8   | 8.26 |

| Hit# | of | Tentative ID             | MW  | MolForm | CAS#        | Qual |
|------|----|--------------------------|-----|---------|-------------|------|
| 1    | 5  | Octane, 2,6-dimethyl-    | 142 | C10H22  | 002051-30-1 | 83   |
| 2    |    | Decane, 2,6,7-trimethyl- | 184 | C13H28  | 062108-25-2 | 83   |
| 3    |    | Undecane, 2,6-dimethyl-  | 184 | C13H28  | 017301-23-4 | 83   |
| 4    |    | Octane, 2,3,6-trimethyl- | 156 | C11H24  | 062016-33-5 | 78   |
| 5    |    | Undecane, 6,6-dimethyl-  | 184 | C13H28  | 017312-76-4 | 78   |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF012517\  
Data File : BF092504.D  
Acq On : 26 Jan 2017 3:55  
Operator : SJ/MA  
Sample : I1346-02  
Misc :  
ALS Vial : 39 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
P12-11817

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

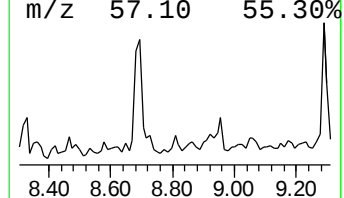
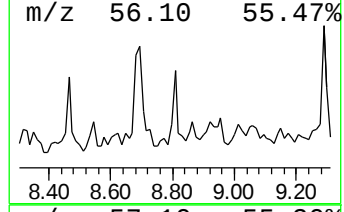
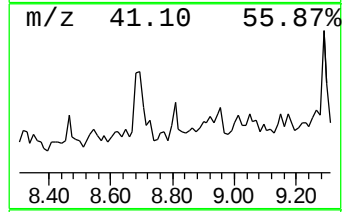
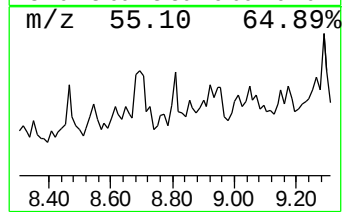
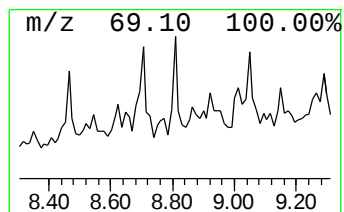
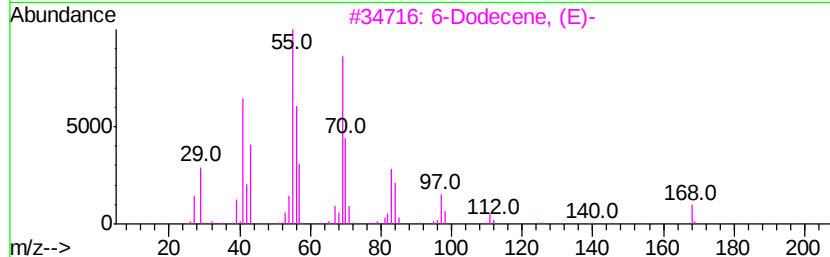
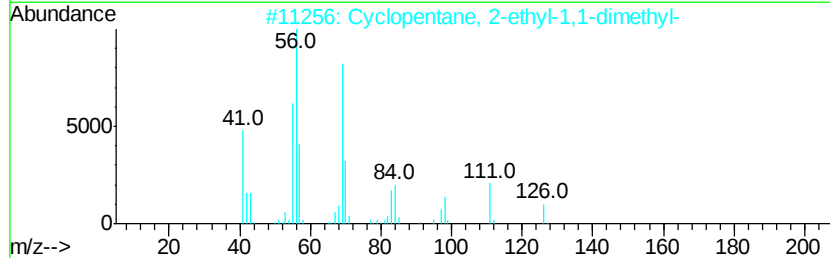
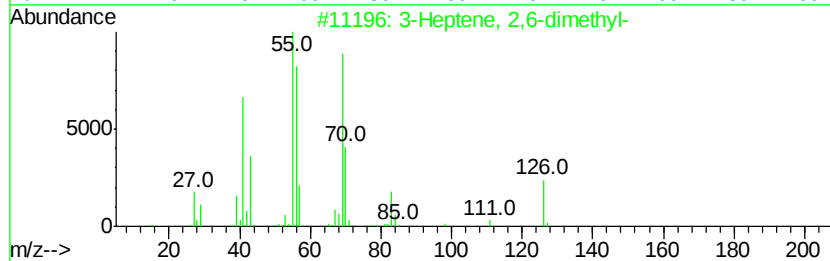
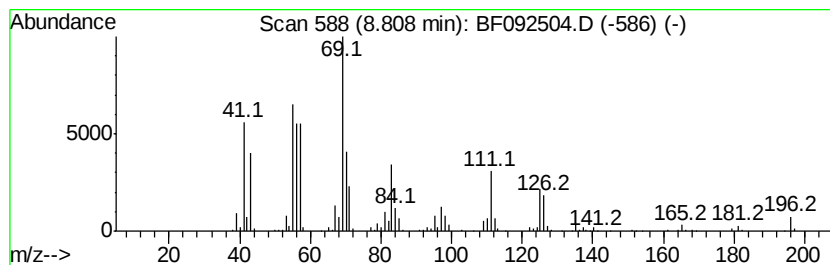
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 10 3-Heptene, 2,6-dimethyl- Concentration Rank 10

| R.T. | EstConc | Area   | Relative to ISTD | R.T. |
|------|---------|--------|------------------|------|
| 8.81 | 6.23 ng | 610663 | Naphthalene-d8   | 8.26 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | 3-Heptene, 2,6-dimethyl-            | 126 | C9H18   | 002738-18-3 | 64   |
| 2    |    |   | Cyclopentane, 2-ethyl-1,1-dimethyl- | 126 | C9H18   | 054549-80-3 | 62   |
| 3    |    |   | 6-Dodecene, (E)-                    | 168 | C12H24  | 007206-17-9 | 62   |
| 4    |    |   | Tridecane, 7-methylene-             | 196 | C14H28  | 019780-80-4 | 62   |
| 5    |    |   | 1-Hexene, 3,3-dimethyl-             | 112 | C8H16   | 003404-77-1 | 58   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF012517\  
Data File : BF092504.D  
Acq On : 26 Jan 2017 3:55  
Operator : SJ/MA  
Sample : I1346-02  
Misc :  
ALS Vial : 39 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
P12-11817

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

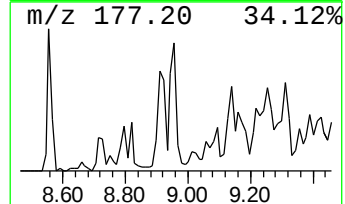
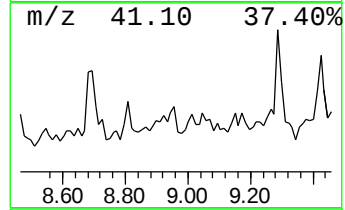
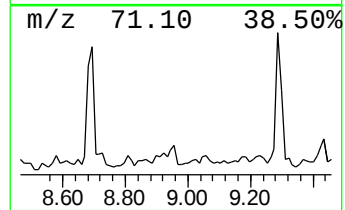
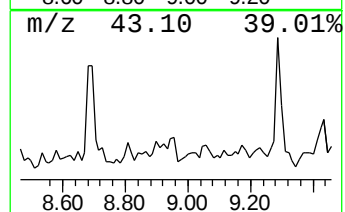
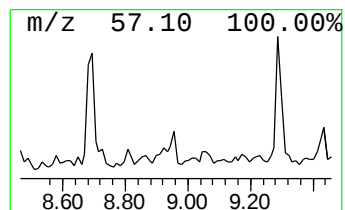
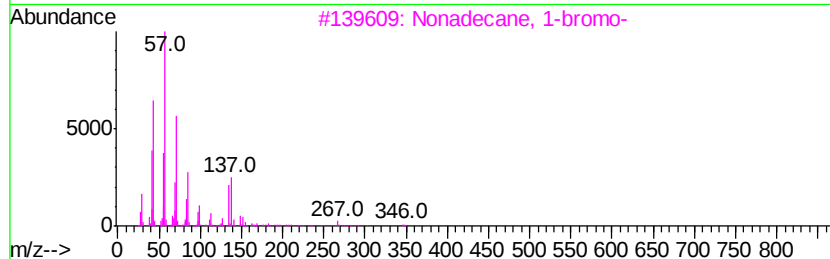
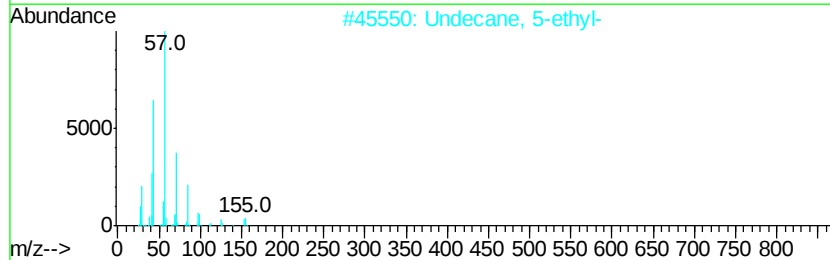
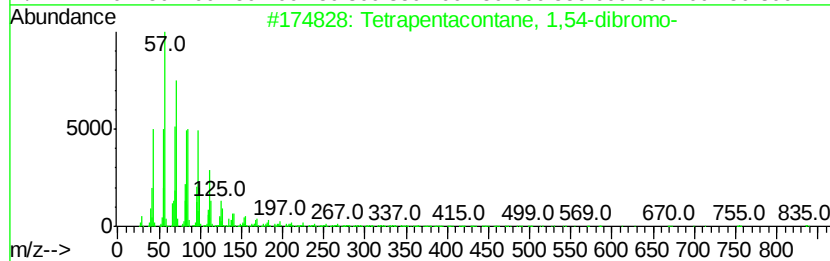
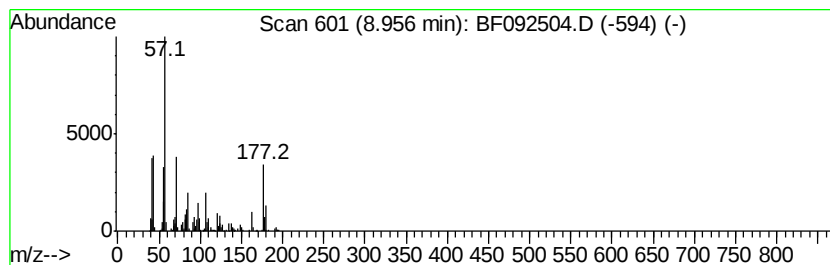
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TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 11 unknown8.96 Concentration Rank 7

| R.T. | EstConc  | Area   | Relative to ISTD | R.T. |
|------|----------|--------|------------------|------|
| 8.96 | 10.11 ng | 991790 | Naphthalene-d8   | 8.26 |

| Hit# | of | Tentative ID                     | MW  | MolForm    | CAS#         | Qual |
|------|----|----------------------------------|-----|------------|--------------|------|
| 1    | 5  | Tetrapentacontane, 1,54-dibromo- | 915 | C54H108Br2 | 1000156-09-4 | 43   |
| 2    |    | Undecane, 5-ethyl-               | 184 | C13H28     | 017453-94-0  | 38   |
| 3    |    | Nonadecane, 1-bromo-             | 346 | C19H39Br   | 004434-66-6  | 38   |
| 4    |    | Octadecane, 1-chloro-            | 288 | C18H37Cl   | 003386-33-2  | 38   |
| 5    |    | 1-Iodo-2-methylundecane          | 296 | C12H25I    | 073105-67-6  | 35   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF012517\  
Data File : BF092504.D  
Acq On : 26 Jan 2017 3:55  
Operator : SJ/MA  
Sample : I1346-02  
Misc :  
ALS Vial : 39 Sample Multiplier: 1

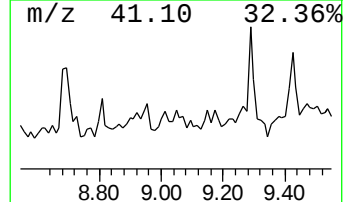
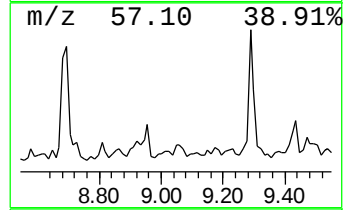
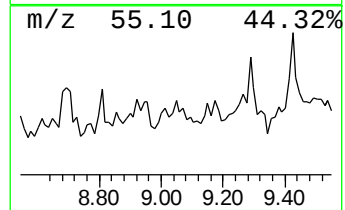
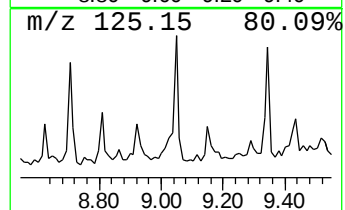
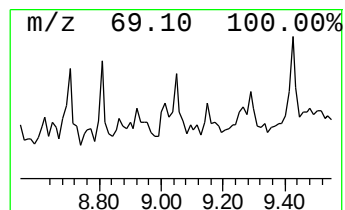
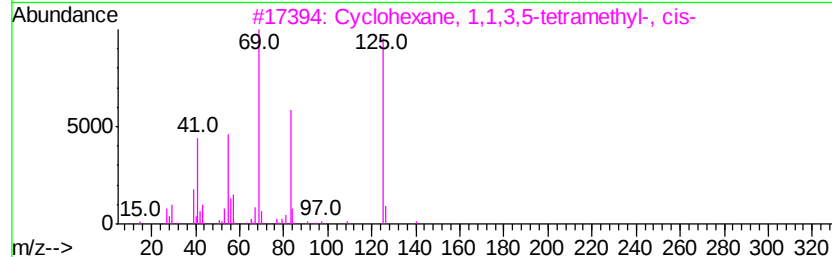
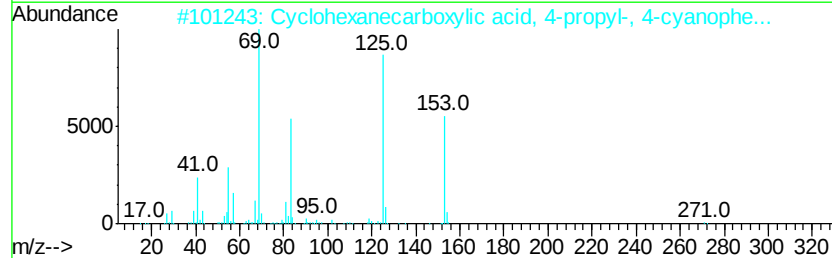
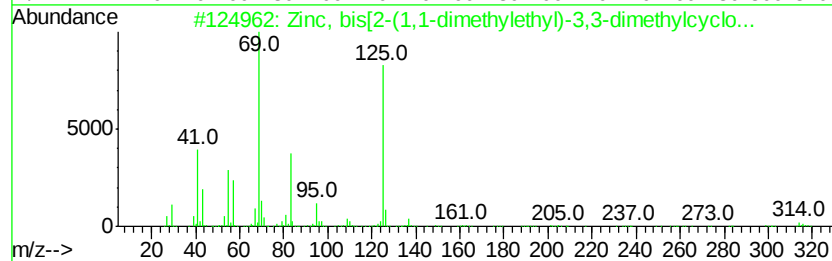
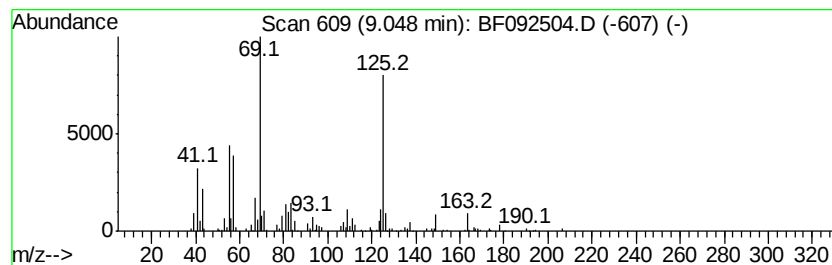
Instrument :  
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ClientSampleId :  
P12-11817

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF012417.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 12 Zinc, bis[2-(1,1-dimethylet... Concentration Rank 18

| R.T.    | EstConc | Area                                | Relative to ISTD | R.T.           |
|---------|---------|-------------------------------------|------------------|----------------|
| 9.05    | 3.47 ng | 340666                              | Naphthalene-d8   | 8.26           |
| Hit# of | 5       | Tentative ID                        | MW MolForm       | CAS# Qual      |
| 1       |         | Zinc, bis[2-(1,1-dimethylethyl)-... | 314 C18H34Zn     | 074793-36-5 72 |
| 2       |         | Cyclohexanecarboxylic acid, 4-pr... | 271 C17H21NO2    | 062439-33-2 59 |
| 3       |         | Cyclohexane, 1,1,3,5-tetramethyl... | 140 C10H20       | 050876-32-9 50 |
| 4       |         | o,o-Dipropyl isopropylphosphonate   | 208 C9H21O3P     | 192698-90-1 38 |
| 5       |         | 1-Ethyl-4,4-dimethyl-cyclohex-2-... | 154 C10H18O      | 073741-64-7 35 |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF012517\  
Data File : BF092504.D  
Acq On : 26 Jan 2017 3:55  
Operator : SJ/MA  
Sample : I1346-02  
Misc :  
ALS Vial : 39 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
P12-11817

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF012417.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

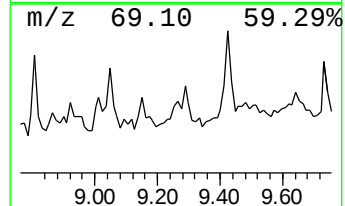
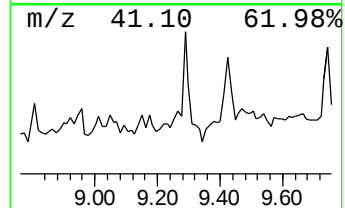
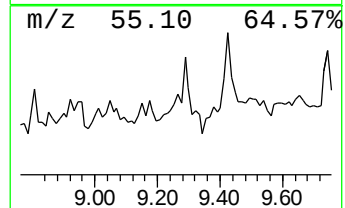
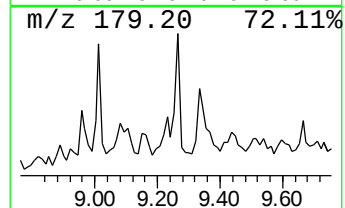
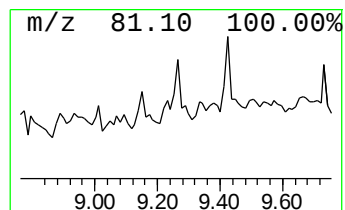
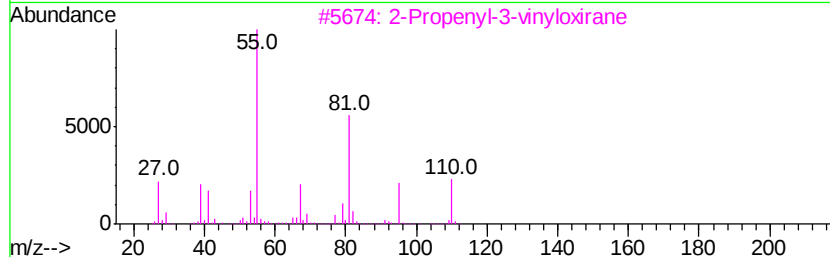
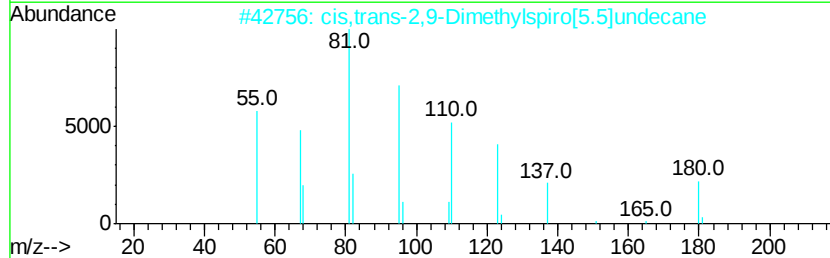
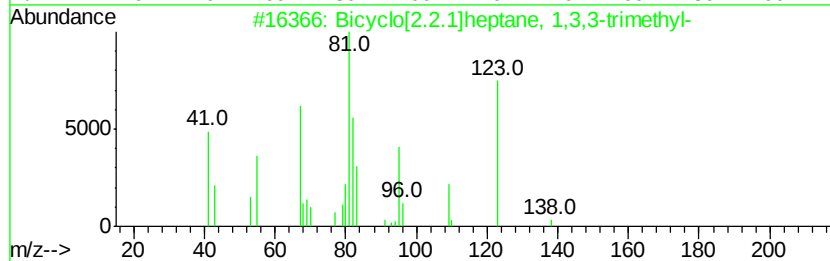
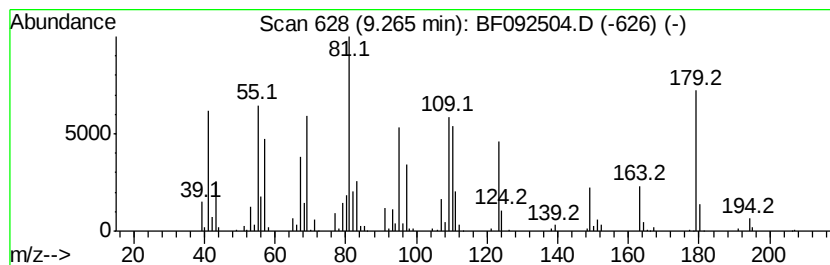
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TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 13 unknown9.26 Concentration Rank 20

| R.T. | EstConc | Area   | Relative to ISTD | R.T.  |
|------|---------|--------|------------------|-------|
| 9.26 | 3.16 ng | 299725 | Acenaphthene-d10 | 10.02 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------------|-----|---------|-------------|------|
| 1    | 5  | Bicyclo[2.2.1]heptane, 1,3,3-tri... | 138 | C10H18  | 006248-88-0 | 38   |
| 2    |    | cis,trans-2,9-Dimethylspiro[5.5]... | 180 | C13H24  | 095530-74-8 | 35   |
| 3    |    | 2-Propenyl-3-vinylloxirane          | 110 | C7H10O  | 070597-49-8 | 35   |
| 4    |    | Cyclopropane, tetramethylpropyl...  | 138 | C10H18  | 024519-04-8 | 27   |
| 5    |    | Cyclohexane, ethylidene-            | 110 | C8H14   | 001003-64-1 | 27   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF012517\  
Data File : BF092504.D  
Acq On : 26 Jan 2017 3:55  
Operator : SJ/MA  
Sample : I1346-02  
Misc :  
ALS Vial : 39 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
P12-11817

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF012417.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

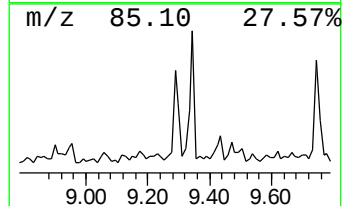
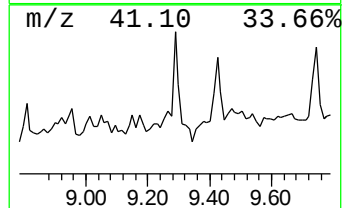
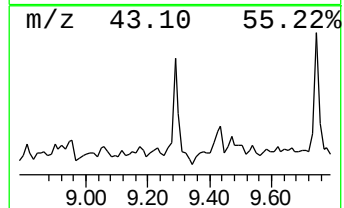
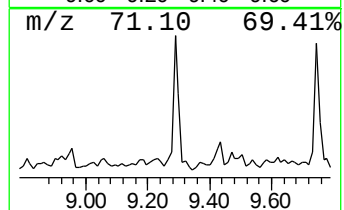
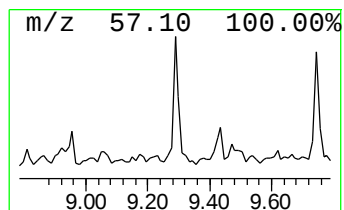
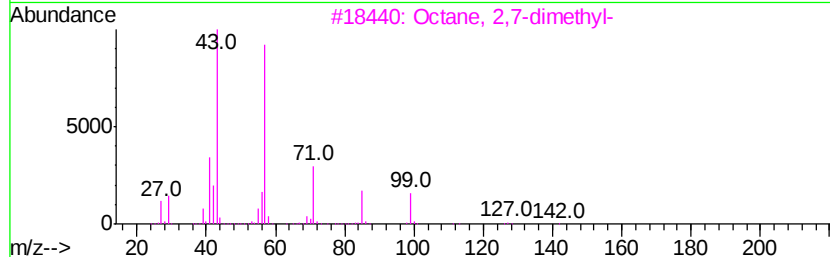
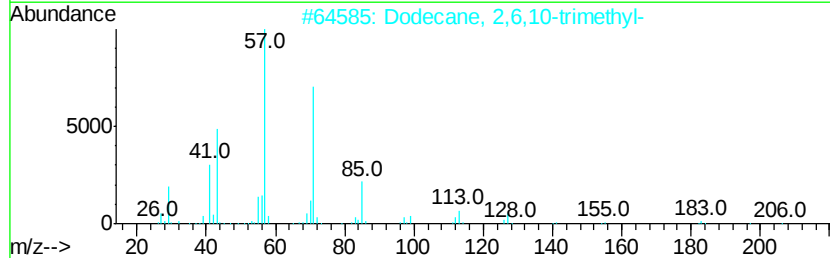
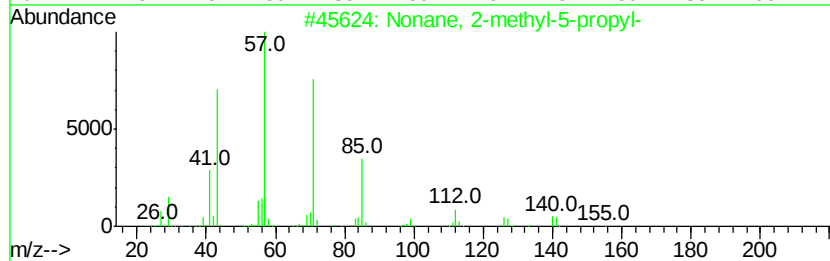
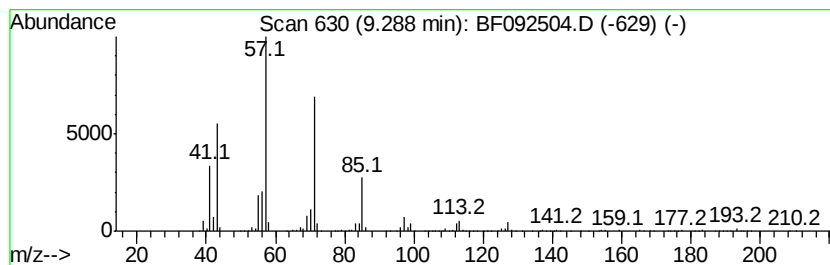
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 14 Nonane, 2-methyl-5-propyl- Concentration Rank 6

| R.T. | EstConc  | Area    | Relative to ISTD | R.T.  |
|------|----------|---------|------------------|-------|
| 9.29 | 11.97 ng | 1134030 | Acenaphthene-d10 | 10.02 |

| Hit# | of | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|-----------------------------|-----|---------|-------------|------|
| 1    | 5  | Nonane, 2-methyl-5-propyl-  | 184 | C13H28  | 031081-17-1 | 72   |
| 2    |    | Dodecane, 2,6,10-trimethyl- | 212 | C15H32  | 003891-98-3 | 64   |
| 3    |    | Octane, 2,7-dimethyl-       | 142 | C10H22  | 001072-16-8 | 59   |
| 4    |    | Octane, 2,6-dimethyl-       | 142 | C10H22  | 002051-30-1 | 59   |
| 5    |    | Nonane, 5-(1-methylpropyl)- | 184 | C13H28  | 062185-54-0 | 59   |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF012517\  
Data File : BF092504.D  
Acq On : 26 Jan 2017 3:55  
Operator : SJ/MA  
Sample : I1346-02  
Misc :  
ALS Vial : 39 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
P12-11817

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

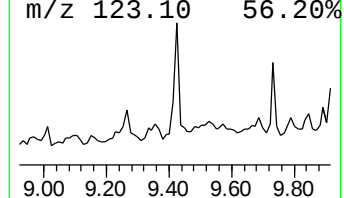
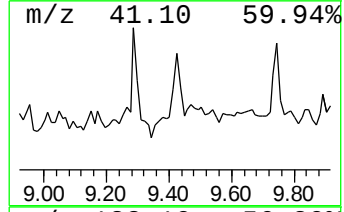
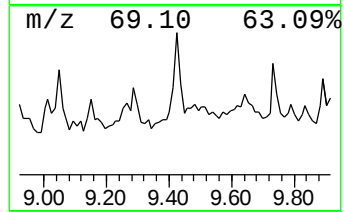
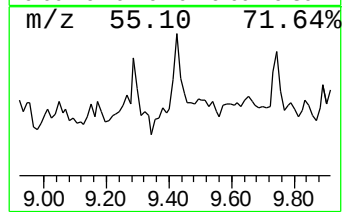
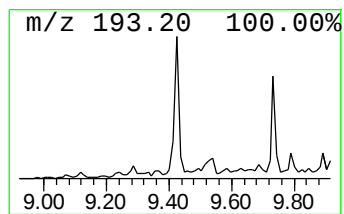
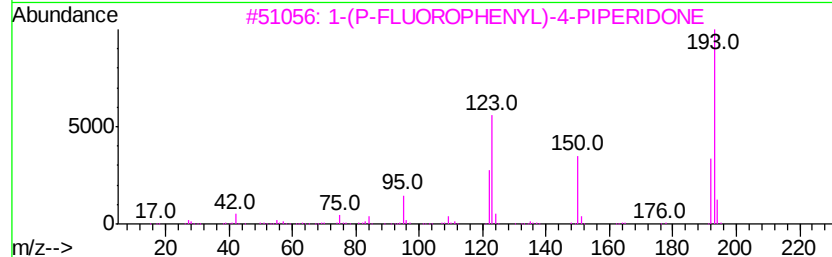
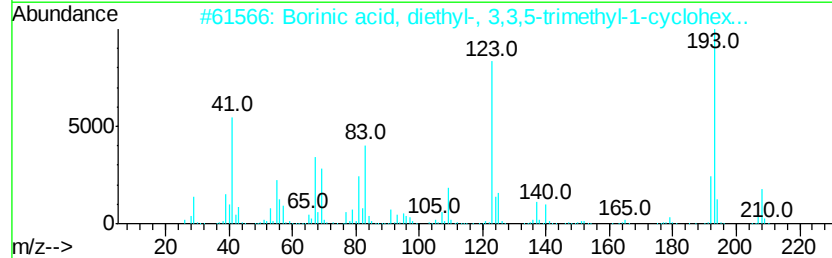
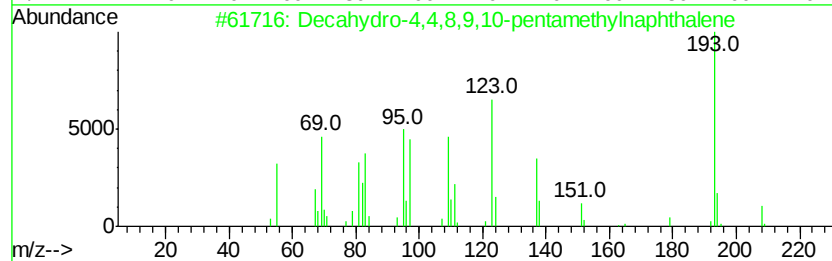
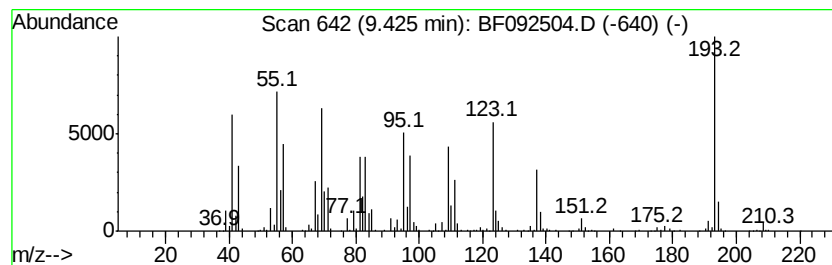
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 15 Decahydro-4,4,8,9,10-pentam... Concentration Rank 5

| R.T. | EstConc  | Area    | Relative to ISTD | R.T.  |
|------|----------|---------|------------------|-------|
| 9.42 | 13.89 ng | 1315050 | Acenaphthene-d10 | 10.02 |

| Hit# | of | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|-------------------------------------|-----|-----------|--------------|------|
| 1    | 5  | Decahydro-4,4,8,9,10-pentamethyl... | 208 | C15H28    | 080655-44-3  | 91   |
| 2    |    | Borinic acid, diethyl-, 3,3,5-tr... | 208 | C13H25BO  | 057387-76-5  | 43   |
| 3    |    | 1-(P-FLUOROPHENYL)-4-PIPERIDONE     | 193 | C11H12FNO | 1000238-56-7 | 38   |
| 4    |    | Cyclopentane, 1,1,3-trimethyl-      | 112 | C8H16     | 004516-69-2  | 25   |
| 5    |    | 1-Anthracenamine                    | 193 | C14H11N   | 000610-49-1  | 22   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF012517\  
Data File : BF092504.D  
Acq On : 26 Jan 2017 3:55  
Operator : SJ/MA  
Sample : I1346-02  
Misc :  
ALS Vial : 39 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
P12-11817

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF012417.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

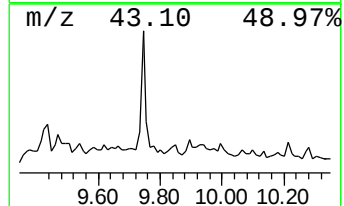
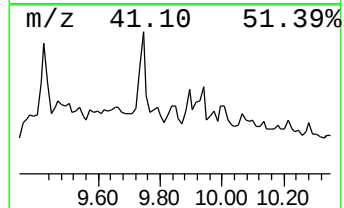
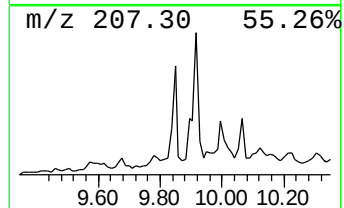
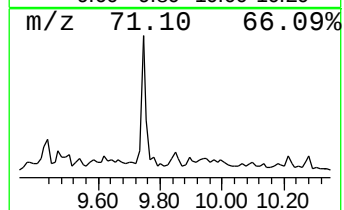
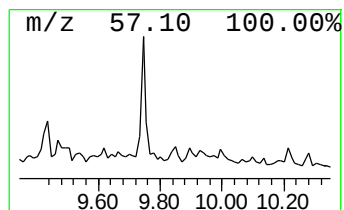
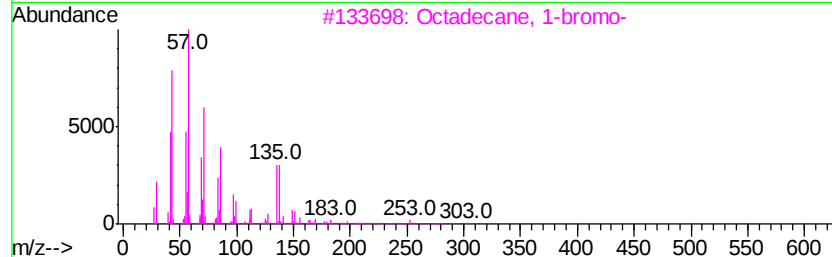
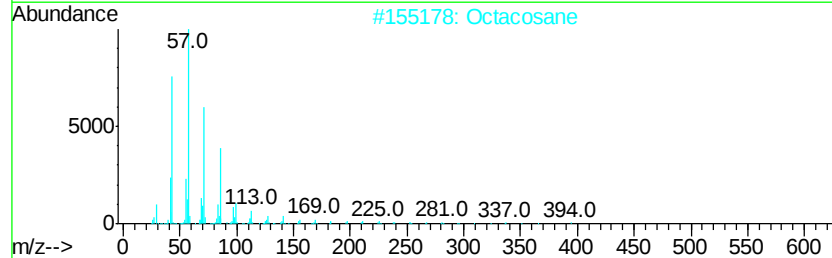
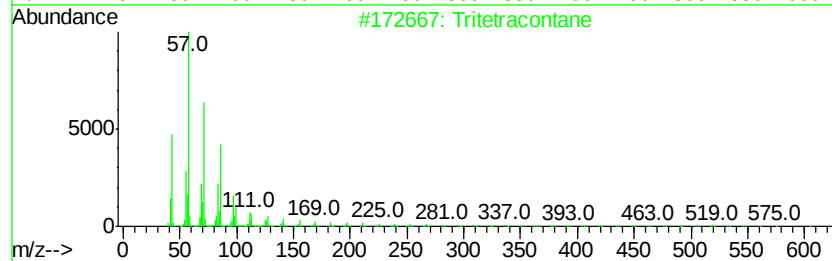
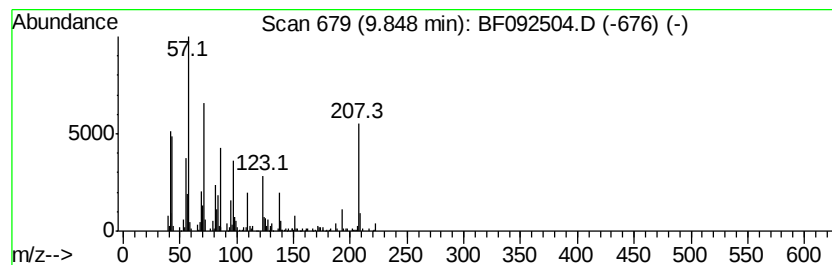
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 16 unknown9.85 Concentration Rank 15

| R.T. | EstConc | Area   | Relative to ISTD | R.T.  |
|------|---------|--------|------------------|-------|
| 9.85 | 4.00 ng | 379199 | Acenaphthene-d10 | 10.02 |

| Hit# | of | 5 | Tentative ID         | MW  | MolForm  | CAS#        | Qual |
|------|----|---|----------------------|-----|----------|-------------|------|
| 1    |    |   | Tritetracontane      | 605 | C43H88   | 007098-21-7 | 27   |
| 2    |    |   | Octacosane           | 394 | C28H58   | 000630-02-4 | 27   |
| 3    |    |   | Octadecane, 1-bromo- | 332 | C18H37Br | 000112-89-0 | 25   |
| 4    |    |   | 2-Bromo dodecane     | 248 | C12H25Br | 013187-99-0 | 22   |
| 5    |    |   | Phytol               | 296 | C20H40O  | 000150-86-7 | 22   |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF012517\  
Data File : BF092504.D  
Acq On : 26 Jan 2017 3:55  
Operator : SJ/MA  
Sample : I1346-02  
Misc :  
ALS Vial : 39 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
P12-11817

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

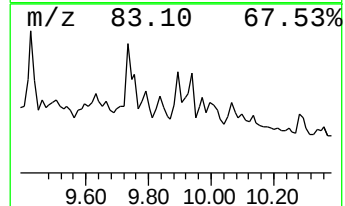
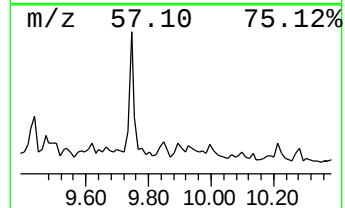
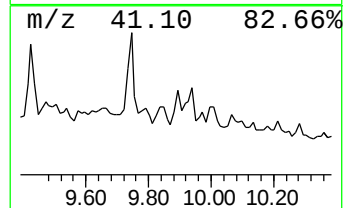
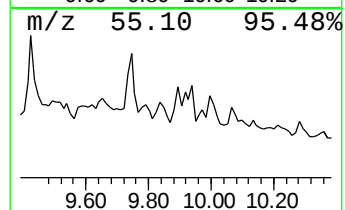
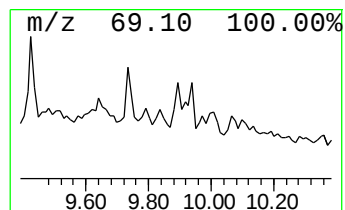
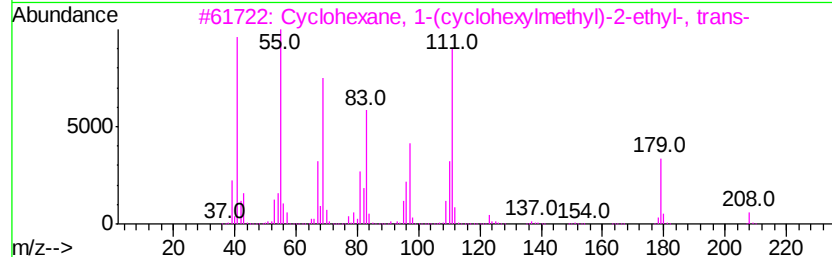
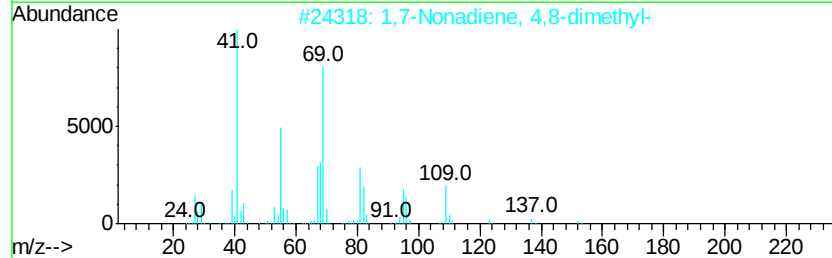
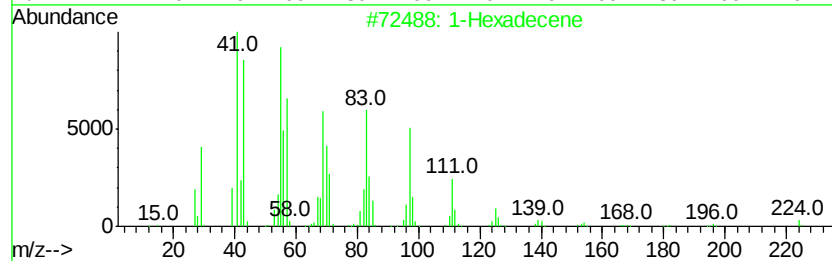
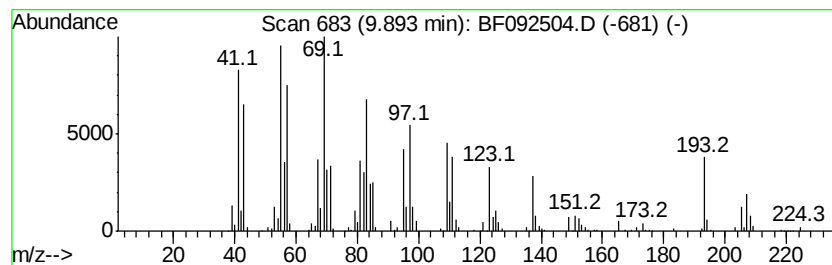
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 17 unknown9.89 Concentration Rank 11

| R.T. | EstConc | Area   | Relative to ISTD | R.T.  |
|------|---------|--------|------------------|-------|
| 9.89 | 5.58 ng | 528221 | Acenaphthene-d10 | 10.02 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | 1-Hexadecene                        | 224 | C16H32  | 000629-73-2 | 45   |
| 2    |    |   | 1,7-Nonadiene, 4,8-dimethyl-        | 152 | C11H20  | 062108-28-5 | 43   |
| 3    |    |   | Cyclohexane, 1-(cyclohexylmethyl)-  | 208 | C15H28  | 054934-92-8 | 38   |
| 4    |    |   | Cyclohexane, 1,2-dimethyl-3-pentyl- | 224 | C16H32  | 062376-17-4 | 38   |
| 5    |    |   | 1-Docosene                          | 308 | C22H44  | 001599-67-3 | 35   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF012517\  
Data File : BF092504.D  
Acq On : 26 Jan 2017 3:55  
Operator : SJ/MA  
Sample : I1346-02  
Misc :  
ALS Vial : 39 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
P12-11817

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF012417.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

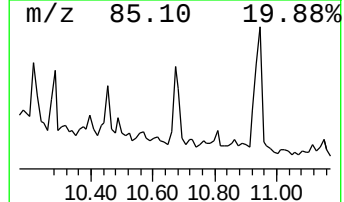
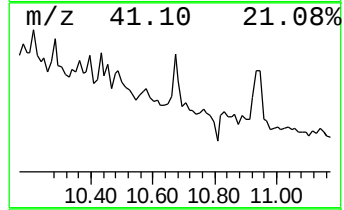
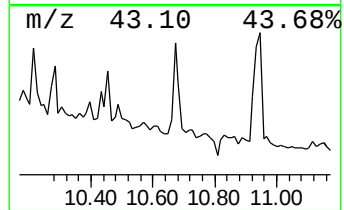
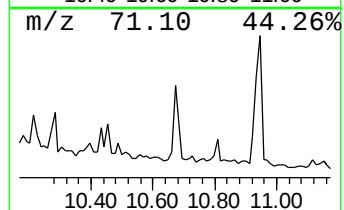
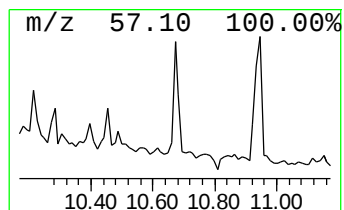
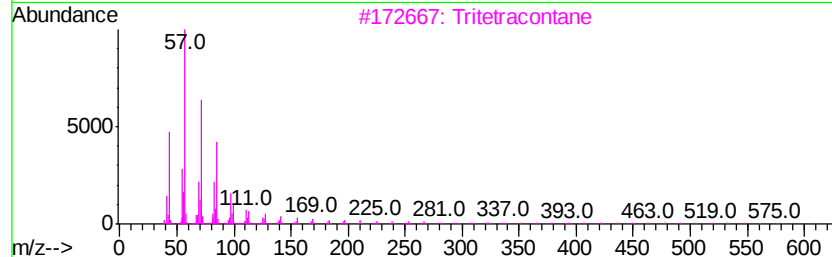
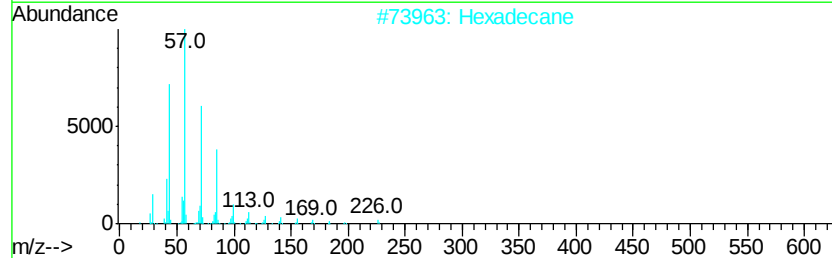
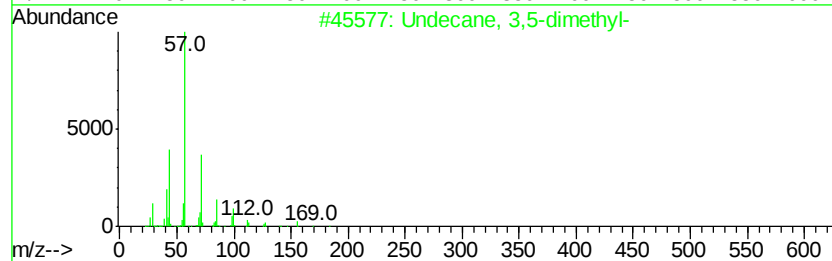
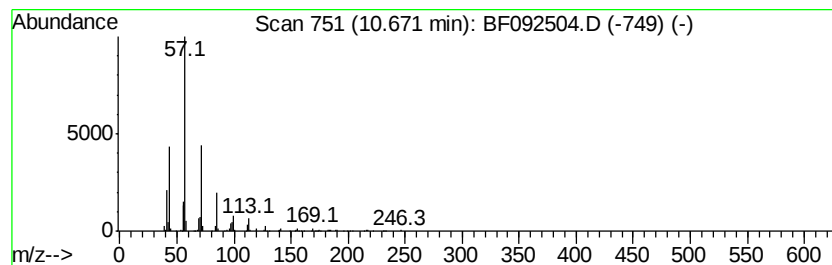
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 18 Undecane, 3,5-dimethyl- Concentration Rank 16

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 10.67 | 3.77 ng | 357009 | Acenaphthene-d10 | 10.02 |

| Hit# | of                      | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|-------------------------|---|--------------|-----|---------|-------------|------|
| 1    | Undecane, 3,5-dimethyl- |   |              | 184 | C13H28  | 017312-81-1 | 74   |
| 2    | Hexadecane              |   |              | 226 | C16H34  | 000544-76-3 | 72   |
| 3    | Tritetracontane         |   |              | 605 | C43H88  | 007098-21-7 | 72   |
| 4    | Dodecane, 6-methyl-     |   |              | 184 | C13H28  | 006044-71-9 | 70   |
| 5    | Tetracosane             |   |              | 338 | C24H50  | 000646-31-1 | 64   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF012517\  
Data File : BF092504.D  
Acq On : 26 Jan 2017 3:55  
Operator : SJ/MA  
Sample : I1346-02  
Misc :  
ALS Vial : 39 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
P12-11817

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF012417.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

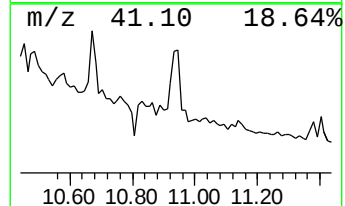
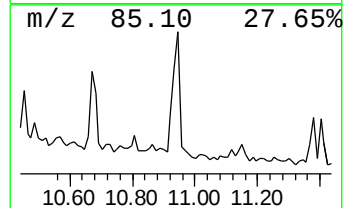
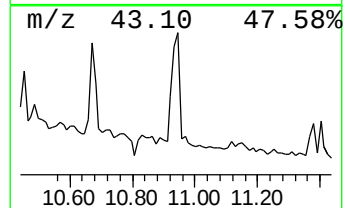
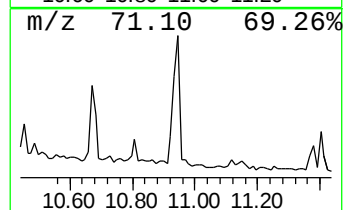
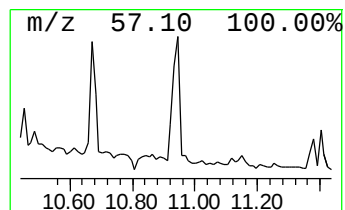
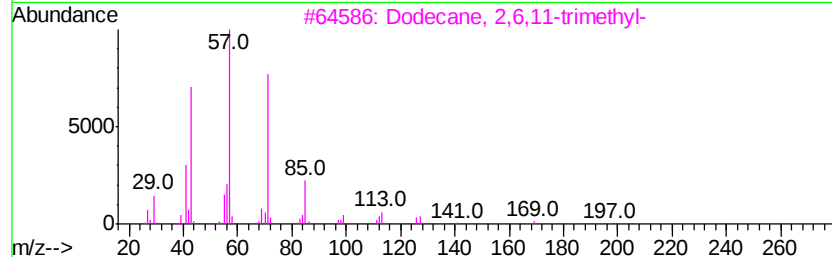
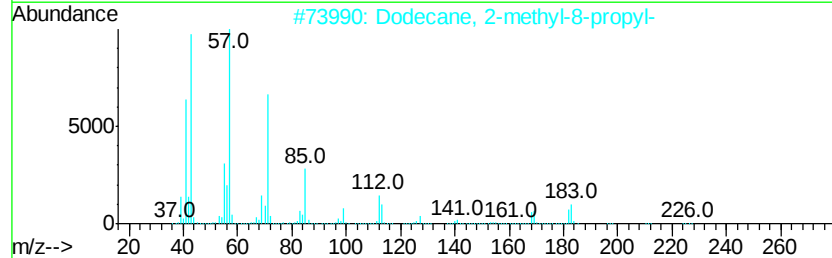
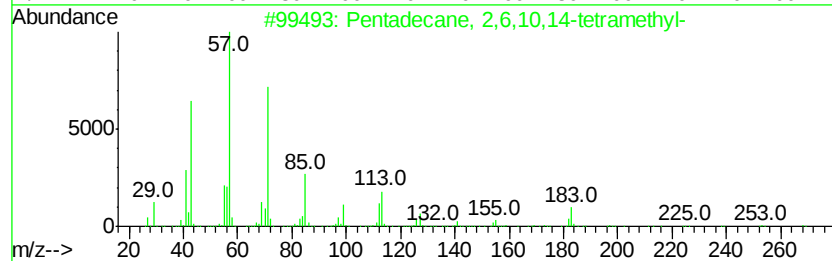
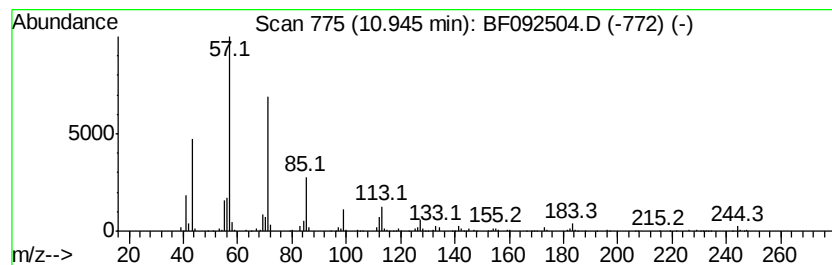
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 19 Pentadecane, 2,6,10,14-tetr... Concentration Rank 9

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 10.94 | 6.50 ng | 505687 | Phenanthrene-d10 | 11.50 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Pentadecane, 2,6,10,14-tetramethyl- | 268 | C19H40  | 001921-70-6 | 86   |
| 2    |    |   | Dodecane, 2-methyl-8-propyl-        | 226 | C16H34  | 055045-07-3 | 80   |
| 3    |    |   | Dodecane, 2,6,11-trimethyl-         | 212 | C15H32  | 031295-56-4 | 72   |
| 4    |    |   | Octane, 3,6-dimethyl-               | 142 | C10H22  | 015869-94-0 | 64   |
| 5    |    |   | Octane, 2,6-dimethyl-               | 142 | C10H22  | 002051-30-1 | 64   |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF012517\  
Data File : BF092504.D  
Acq On : 26 Jan 2017 3:55  
Operator : SJ/MA  
Sample : I1346-02  
Misc :  
ALS Vial : 39 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
P12-11817

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

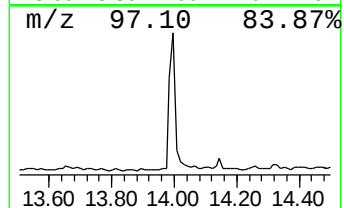
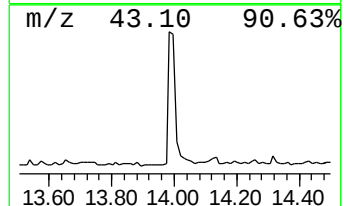
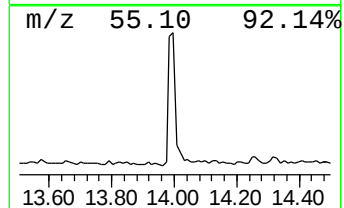
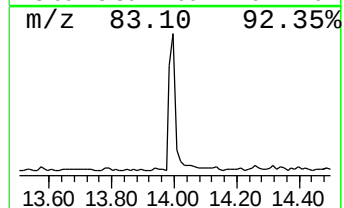
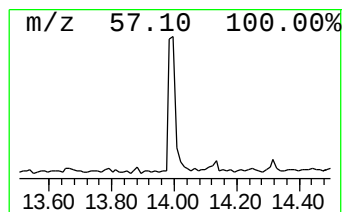
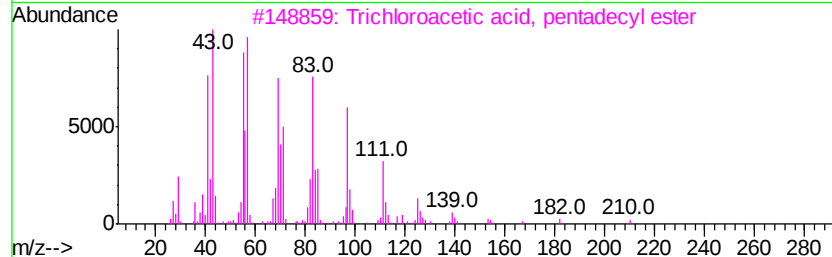
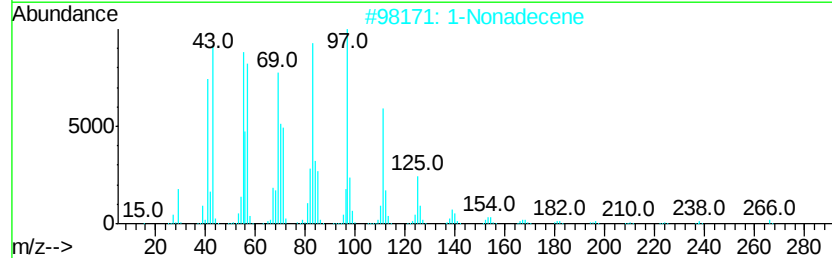
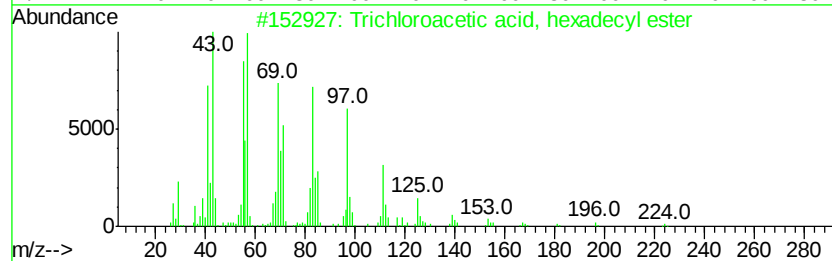
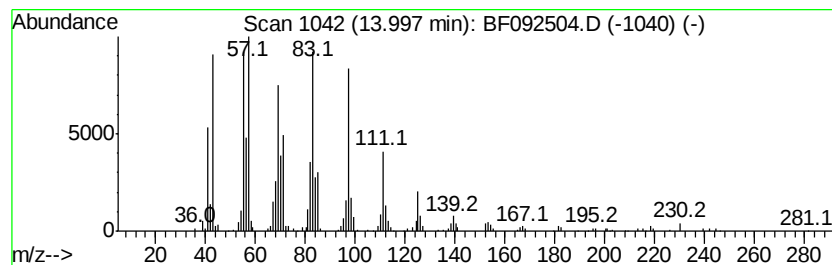
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 20 Trichloroacetic acid, hexad... Concentration Rank 14

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 14.00 | 4.38 ng | 363231 | Chrysene-d12     | 14.15 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm     | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-------------|--------------|------|
| 1    |    |   | Trichloroacetic acid, hexadecyl ... | 386 | C18H33Cl3O2 | 074339-54-1  | 94   |
| 2    |    |   | 1-Nonadecene                        | 266 | C19H38      | 018435-45-5  | 91   |
| 3    |    |   | Trichloroacetic acid, pentadecyl... | 372 | C17H31Cl3O2 | 074339-53-0  | 90   |
| 4    |    |   | Dichloroacetic acid, heptadecyl ... | 366 | C19H36Cl2O2 | 1000282-98-2 | 90   |
| 5    |    |   | 3-Eicosene, (E)-                    | 280 | C20H40      | 074685-33-9  | 90   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF012517\  
 Data File : BF092504.D  
 Acq On : 26 Jan 2017 3:55  
 Operator : SJ/MA  
 Sample : I1346-02  
 Misc :  
 ALS Vial : 39 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 P12-11817

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF012417.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 |
| 2-Pentanone, 4-hy... | 5.16  | 37.9    | ng    | 2029690  | 1                     | 6.97  | 1072630 | 20.0 |
| unknown6.73          | 6.73  | 82.6    | ng    | 4428960  | 1                     | 6.97  | 1072630 | 20.0 |
| unknown7.40          | 7.40  | 3.5     | ng    | 185322   | 1                     | 6.97  | 1072630 | 20.0 |
| unknown8.14          | 8.14  | 4.9     | ng    | 479252   | 2                     | 8.26  | 1961770 | 20.0 |
| Hexadecane, 7-met... | 8.33  | 3.7     | ng    | 367082   | 2                     | 8.26  | 1961770 | 20.0 |
| Cyclohexane, 2-bu... | 8.46  | 5.4     | ng    | 529380   | 2                     | 8.26  | 1961770 | 20.0 |
| unknown8.54          | 8.54  | 7.3     | ng    | 712620   | 2                     | 8.26  | 1961770 | 20.0 |
| Octane, 2,6-dimet... | 8.69  | 19.2    | ng    | 1880760  | 2                     | 8.26  | 1961770 | 20.0 |
| 3-Heptene, 2,6-di... | 8.81  | 6.2     | ng    | 610663   | 2                     | 8.26  | 1961770 | 20.0 |
| unknown8.96          | 8.96  | 10.1    | ng    | 991790   | 2                     | 8.26  | 1961770 | 20.0 |
| Zinc, bis[2-(1,1-... | 9.05  | 3.5     | ng    | 340666   | 2                     | 8.26  | 1961770 | 20.0 |
| unknown9.26          | 9.26  | 3.2     | ng    | 299725   | 3                     | 10.02 | 1894040 | 20.0 |
| Nonane, 2-methyl-... | 9.29  | 12.0    | ng    | 1134030  | 3                     | 10.02 | 1894040 | 20.0 |
| Decahydro-4,4,8,9... | 9.42  | 13.9    | ng    | 1315050  | 3                     | 10.02 | 1894040 | 20.0 |
| unknown9.85          | 9.85  | 4.0     | ng    | 379199   | 3                     | 10.02 | 1894040 | 20.0 |
| unknown9.89          | 9.89  | 5.6     | ng    | 528221   | 3                     | 10.02 | 1894040 | 20.0 |
| Undecane, 3,5-dim... | 10.67 | 3.8     | ng    | 357009   | 3                     | 10.02 | 1894040 | 20.0 |
| Pentadecane, 2,6,... | 10.94 | 6.5     | ng    | 505687   | 4                     | 11.50 | 1555820 | 20.0 |
| Trichloroacetic a... | 14.00 | 4.4     | ng    | 363231   | 5                     | 14.15 | 1658880 | 20.0 |