

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF020117\  
 Data File : BF092728.D  
 Acq On : 2 Feb 2017 3:31  
 Operator : SJ/MA  
 Sample : I1615-04  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SS-4

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-BF013017.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

| peak<br># | R.T.<br>min | first<br>scan | max<br>scan | last<br>scan | PK<br>TY | peak<br>height | corr.<br>area | corr.<br>% max. | % of<br>total |
|-----------|-------------|---------------|-------------|--------------|----------|----------------|---------------|-----------------|---------------|
| 1         | 2.670       | 49            | 51          | 56           | rBV      | 44452          | 64905         | 1.38%           | 0.143%        |
| 2         | 5.139       | 264           | 267         | 275          | rVB      | 1571177        | 2068186       | 44.06%          | 4.556%        |
| 3         | 5.561       | 301           | 304         | 306          | rBV      | 3935957        | 3959206       | 84.34%          | 8.721%        |
| 4         | 5.767       | 319           | 322         | 324          | rBV      | 559383         | 502052        | 10.69%          | 1.106%        |
| 5         | 6.487       | 384           | 385         | 387          | rVB      | 89663          | 83043         | 1.77%           | 0.183%        |
| 6         | 6.590       | 391           | 394         | 396          | rBV      | 3864964        | 4694458       | 100.00%         | 10.340%       |
| 7         | 6.716       | 402           | 405         | 408          | rVB      | 3896369        | 3718951       | 79.22%          | 8.192%        |
| 8         | 6.773       | 408           | 410         | 413          | rVB      | 83497          | 82108         | 1.75%           | 0.181%        |
| 9         | 6.944       | 423           | 425         | 427          | rBV      | 1216123        | 1016999       | 21.66%          | 2.240%        |
| 10        | 7.104       | 436           | 439         | 441          | rBV      | 3323725        | 3102954       | 66.10%          | 6.835%        |
| 11        | 7.264       | 451           | 453         | 457          | rVB2     | 62225          | 89718         | 1.91%           | 0.198%        |
| 12        | 7.333       | 457           | 459         | 464          | rVB3     | 38342          | 70917         | 1.51%           | 0.156%        |
| 13        | 7.516       | 472           | 475         | 476          | rVB      | 2410387        | 2729014       | 58.13%          | 6.011%        |
| 14        | 7.539       | 476           | 477         | 479          | rVB      | 116925         | 108479        | 2.31%           | 0.239%        |
| 15        | 7.722       | 489           | 493         | 494          | rBV2     | 40470          | 67028         | 1.43%           | 0.148%        |
| 16        | 7.745       | 494           | 495         | 497          | rVB2     | 75987          | 74513         | 1.59%           | 0.164%        |
| 17        | 7.905       | 508           | 509         | 511          | rVB2     | 47136          | 58506         | 1.25%           | 0.129%        |
| 18        | 7.973       | 511           | 515         | 519          | rBV3     | 117022         | 230668        | 4.91%           | 0.508%        |
| 19        | 8.053       | 519           | 522         | 523          | rVV3     | 38761          | 77927         | 1.66%           | 0.172%        |
| 20        | 8.076       | 523           | 524         | 525          | rVB      | 80670          | 55340         | 1.18%           | 0.122%        |
| 21        | 8.236       | 534           | 538         | 540          | rBV      | 1488702        | 1529207       | 32.57%          | 3.368%        |
| 22        | 8.293       | 540           | 543         | 544          | rVB2     | 88985          | 124635        | 2.65%           | 0.275%        |
| 23        | 8.327       | 544           | 546         | 549          | rVB2     | 34998          | 50807         | 1.08%           | 0.112%        |
| 24        | 8.407       | 549           | 553         | 554          | rBV2     | 27403          | 49487         | 1.05%           | 0.109%        |
| 25        | 8.430       | 554           | 555         | 557          | rVB      | 85054          | 78425         | 1.67%           | 0.173%        |
| 26        | 8.476       | 557           | 559         | 561          | rBV      | 32918          | 52085         | 1.11%           | 0.115%        |
| 27        | 8.522       | 561           | 563         | 566          | rBV4     | 54726          | 105771        | 2.25%           | 0.233%        |
| 28        | 8.613       | 570           | 571         | 573          | rVB2     | 64044          | 81470         | 1.74%           | 0.179%        |
| 29        | 8.659       | 573           | 575         | 576          | rBV      | 63229          | 80516         | 1.72%           | 0.177%        |
| 30        | 8.739       | 580           | 582         | 585          | rBV2     | 210703         | 209862        | 4.47%           | 0.462%        |
| 31        | 8.830       | 588           | 590         | 591          | rBV      | 195704         | 224113        | 4.77%           | 0.494%        |
| 32        | 8.899       | 594           | 596         | 597          | rBV      | 88019          | 78038         | 1.66%           | 0.172%        |
| 33        | 9.059       | 605           | 610         | 611          | rBV2     | 219481         | 247000        | 5.26%           | 0.544%        |
| 34        | 9.185       | 619           | 621         | 624          | rVB3     | 63302          | 126167        | 2.69%           | 0.278%        |

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF020117\  
 Data File : BF092728.D  
 Acq On : 2 Feb 2017 3:31  
 Operator : SJ/MA  
 Sample : I1615-04  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SS-4

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-BF013017.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|    |        |     |     |     |      |         |         |        |        |
|----|--------|-----|-----|-----|------|---------|---------|--------|--------|
| 35 | 9.253  | 626 | 627 | 630 | rBV2 | 93897   | 134140  | 2.86%  | 0.295% |
| 36 | 9.310  | 630 | 632 | 635 | rVV  | 2611626 | 3435890 | 73.19% | 7.568% |
| 37 | 9.390  | 637 | 639 | 642 | rBV  | 323268  | 338066  | 7.20%  | 0.745% |
| 38 | 9.470  | 644 | 646 | 647 | rVB  | 86477   | 115576  | 2.46%  | 0.255% |
| 39 | 9.585  | 653 | 656 | 658 | rVB2 | 73622   | 112685  | 2.40%  | 0.248% |
| 40 | 9.653  | 658 | 662 | 665 | rBV5 | 121453  | 293348  | 6.25%  | 0.646% |
| 41 | 9.710  | 665 | 667 | 669 | rVV  | 1075680 | 1006559 | 21.44% | 2.217% |
| 42 | 9.745  | 669 | 670 | 671 | rVB  | 81201   | 55941   | 1.19%  | 0.123% |
| 43 | 9.768  | 671 | 672 | 674 | rBV  | 82332   | 109571  | 2.33%  | 0.241% |
| 44 | 9.859  | 677 | 680 | 682 | rBV4 | 40139   | 76578   | 1.63%  | 0.169% |
| 45 | 9.928  | 683 | 686 | 688 | rVB  | 265726  | 317017  | 6.75%  | 0.698% |
| 46 | 9.996  | 688 | 692 | 694 | rBV  | 1443916 | 1330325 | 28.34% | 2.930% |
| 47 | 10.065 | 696 | 698 | 699 | rVB  | 41742   | 48966   | 1.04%  | 0.108% |
| 48 | 10.099 | 699 | 701 | 703 | rVB  | 70616   | 63676   | 1.36%  | 0.140% |
| 49 | 10.156 | 703 | 706 | 707 | rBV2 | 85426   | 121074  | 2.58%  | 0.267% |
| 50 | 10.248 | 712 | 714 | 716 | rBV3 | 121358  | 179677  | 3.83%  | 0.396% |
| 51 | 10.282 | 716 | 717 | 718 | rVB  | 70626   | 48449   | 1.03%  | 0.107% |
| 52 | 10.316 | 718 | 720 | 723 | rBV3 | 62783   | 145442  | 3.10%  | 0.320% |
| 53 | 10.419 | 727 | 729 | 731 | rVB  | 306890  | 399014  | 8.50%  | 0.879% |
| 54 | 10.488 | 733 | 735 | 737 | rVB3 | 31494   | 56790   | 1.21%  | 0.125% |
| 55 | 10.533 | 737 | 739 | 740 | rBV2 | 45487   | 54416   | 1.16%  | 0.120% |
| 56 | 10.648 | 746 | 749 | 752 | rVB  | 211749  | 294186  | 6.27%  | 0.648% |
| 57 | 10.728 | 755 | 756 | 758 | rBV2 | 50221   | 50811   | 1.08%  | 0.112% |
| 58 | 10.785 | 759 | 761 | 764 | rVB2 | 1471632 | 1736634 | 36.99% | 3.825% |
| 59 | 10.899 | 769 | 771 | 775 | rVV  | 508839  | 751290  | 16.00% | 1.655% |
| 60 | 10.968 | 775 | 777 | 781 | rVB5 | 26931   | 49109   | 1.05%  | 0.108% |
| 61 | 11.093 | 786 | 788 | 789 | rBV  | 75060   | 103531  | 2.21%  | 0.228% |
| 62 | 11.128 | 789 | 791 | 792 | rVB  | 76839   | 86517   | 1.84%  | 0.191% |
| 63 | 11.162 | 792 | 794 | 795 | rBV2 | 30877   | 52349   | 1.12%  | 0.115% |
| 64 | 11.345 | 808 | 810 | 811 | rBV  | 406417  | 345570  | 7.36%  | 0.761% |
| 65 | 11.379 | 811 | 813 | 816 | rVB  | 247815  | 302160  | 6.44%  | 0.666% |
| 66 | 11.482 | 820 | 822 | 824 | rBV  | 1031463 | 1028058 | 21.90% | 2.264% |
| 67 | 11.516 | 824 | 825 | 828 | rVB3 | 37715   | 68369   | 1.46%  | 0.151% |
| 68 | 11.722 | 841 | 843 | 846 | rVV3 | 56949   | 86141   | 1.83%  | 0.190% |
| 69 | 11.768 | 846 | 847 | 849 | rVB  | 180082  | 231933  | 4.94%  | 0.511% |
| 70 | 12.099 | 872 | 876 | 879 | rVB6 | 25951   | 82621   | 1.76%  | 0.182% |
| 71 | 12.179 | 882 | 883 | 885 | rVB  | 171475  | 131022  | 2.79%  | 0.289% |

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF020117\  
Data File : BF092728.D  
Acq On : 2 Feb 2017 3:31  
Operator : SJ/MA  
Sample : I1615-04  
Misc :  
ALS Vial : 26 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
SS-4

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-BF013017.M  
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 72 | 12.568 | 915  | 917  | 920  | rVB2 | 147984  | 201216  | 4.29%  | 0.443% |
| 73 | 12.694 | 927  | 928  | 932  | rVB  | 40951   | 52633   | 1.12%  | 0.116% |
| 74 | 12.934 | 946  | 949  | 951  | rBV2 | 70347   | 126595  | 2.70%  | 0.279% |
| 75 | 13.071 | 958  | 961  | 963  | rBV  | 2565828 | 2311206 | 49.23% | 5.091% |
| 76 | 13.288 | 979  | 980  | 984  | rBV  | 34953   | 57827   | 1.23%  | 0.127% |
| 77 | 13.631 | 1008 | 1010 | 1018 | rBV2 | 26880   | 58816   | 1.25%  | 0.130% |
| 78 | 13.962 | 1037 | 1039 | 1044 | rBV2 | 35073   | 73569   | 1.57%  | 0.162% |
| 79 | 14.122 | 1049 | 1053 | 1055 | rBV2 | 1022246 | 1291007 | 27.50% | 2.844% |
| 80 | 14.579 | 1091 | 1093 | 1095 | rBV2 | 34101   | 57340   | 1.22%  | 0.126% |
| 81 | 14.968 | 1125 | 1127 | 1129 | rBV  | 89648   | 91380   | 1.95%  | 0.201% |
| 82 | 15.162 | 1142 | 1144 | 1148 | rVB  | 36866   | 64952   | 1.38%  | 0.143% |
| 83 | 15.231 | 1148 | 1150 | 1152 | rBV  | 39284   | 50935   | 1.09%  | 0.112% |
| 84 | 15.597 | 1179 | 1182 | 1189 | rVB  | 595354  | 901431  | 19.20% | 1.986% |
| 85 | 16.054 | 1219 | 1222 | 1224 | rBV  | 38163   | 72725   | 1.55%  | 0.160% |
| 86 | 16.294 | 1241 | 1243 | 1247 | rVB4 | 25010   | 57480   | 1.22%  | 0.127% |
| 87 | 16.557 | 1263 | 1266 | 1268 | rBV  | 36081   | 58433   | 1.24%  | 0.129% |
| 88 | 17.151 | 1315 | 1318 | 1322 | rVB2 | 30420   | 64280   | 1.37%  | 0.142% |
| 89 | 17.848 | 1374 | 1379 | 1385 | rVB6 | 19376   | 71628   | 1.53%  | 0.158% |

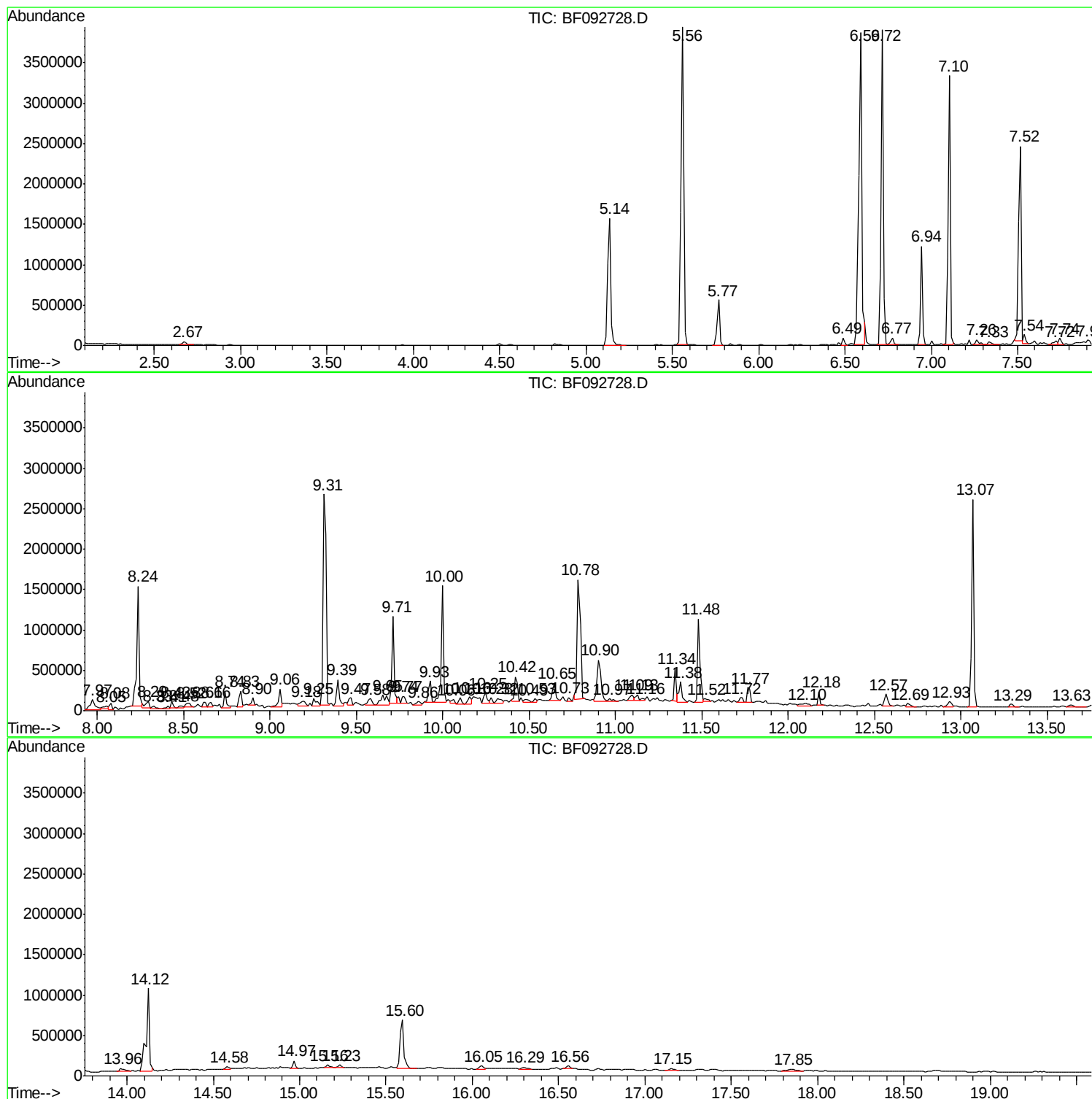
Sum of corrected areas: 45399509

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020117\  
Data File : BF092728.D  
Acq On : 2 Feb 2017 3:31  
Operator : SJ/MA  
Sample : I1615-04  
Misc :  
ALS Vial : 26 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
SS-4

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.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\BF020117\  
Data File : BF092728.D  
Acq On : 2 Feb 2017 3:31  
Operator : SJ/MA  
Sample : I1615-04  
Misc :  
ALS Vial : 26 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
SS-4

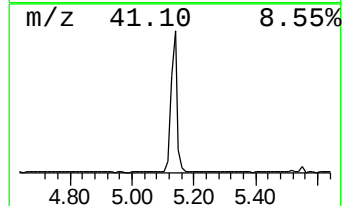
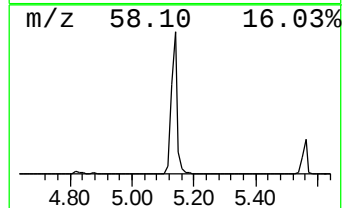
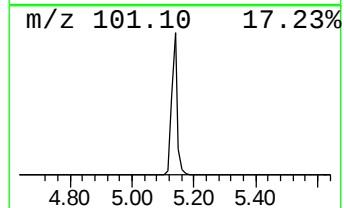
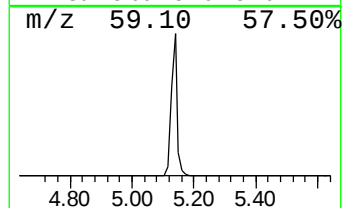
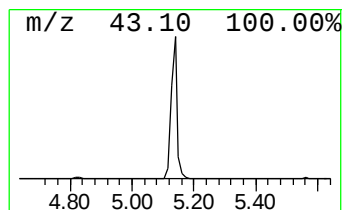
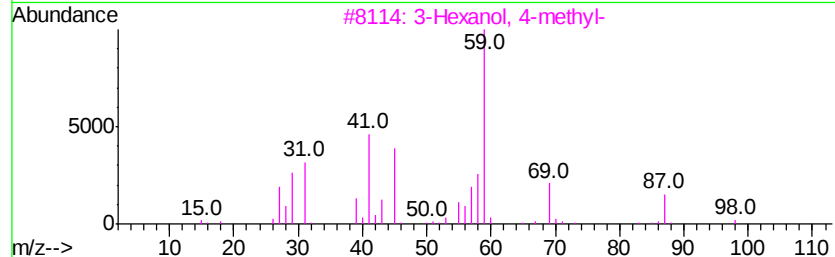
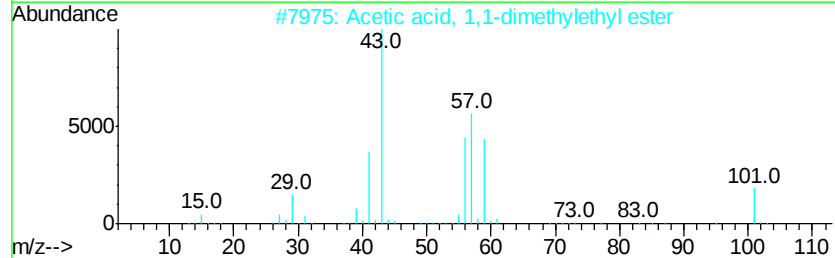
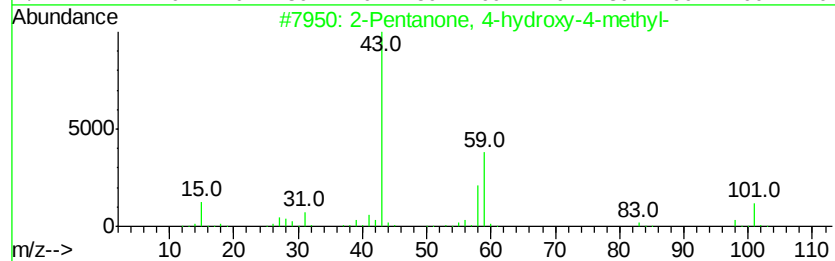
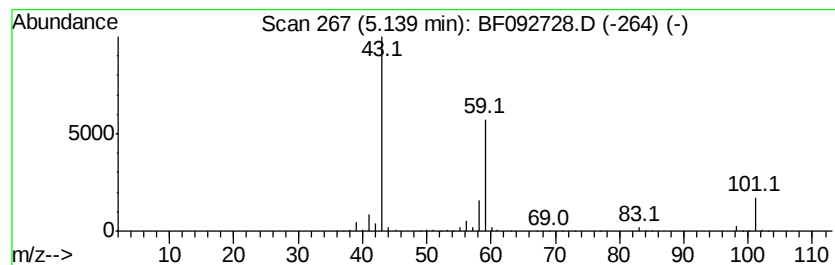
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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. |
|------|----------|---------|------------------------|------|
| 5.14 | 40.67 ng | 2068190 | 1,4-Dichlorobenzene-d4 | 6.94 |

| Hit# | of | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|-------------------------------------|-----|----------|-------------|------|
| 1    | 5  | 2-Pentanone, 4-hydroxy-4-methyl-    | 116 | C6H12O2  | 000123-42-2 | 59   |
| 2    |    | Acetic acid, 1,1-dimethylethyl e... | 116 | C6H12O2  | 000540-88-5 | 39   |
| 3    |    | 3-Hexanol, 4-methyl-                | 116 | C7H16O   | 000615-29-2 | 33   |
| 4    |    | Acetic acid, cyano-, 1,1-dimethy... | 141 | C7H11NO2 | 001116-98-9 | 23   |
| 5    |    | 4-Hydroxy-3-hexanone                | 116 | C6H12O2  | 004984-85-4 | 9    |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF020117\  
Data File : BF092728.D  
Acq On : 2 Feb 2017 3:31  
Operator : SJ/MA  
Sample : I1615-04  
Misc :  
ALS Vial : 26 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
SS-4

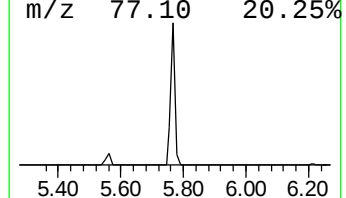
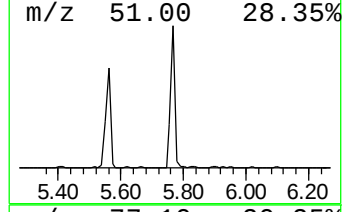
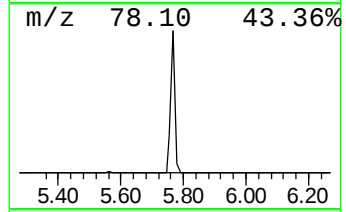
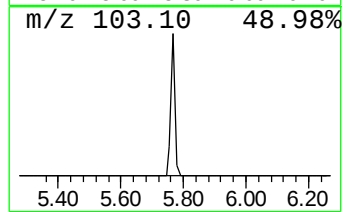
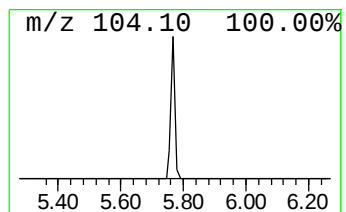
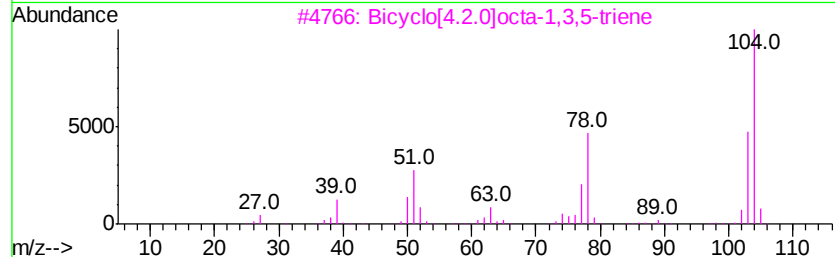
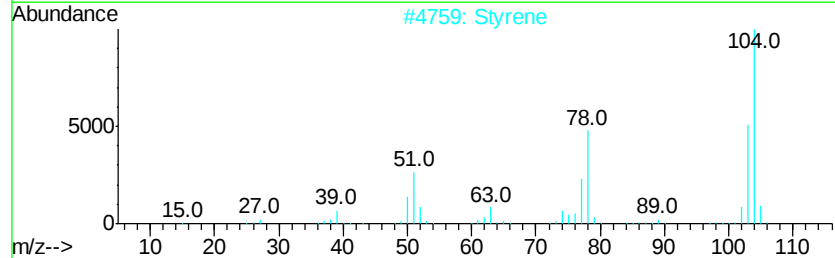
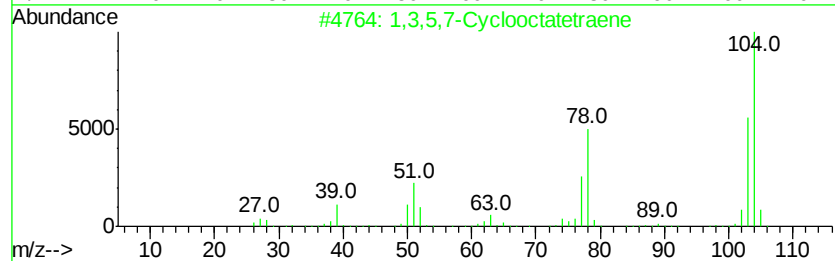
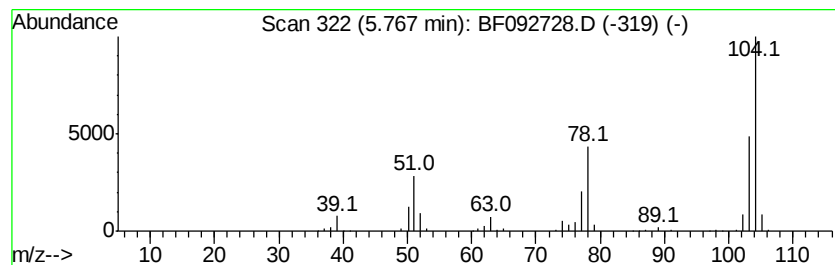
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 2 1,3,5,7-Cyclooctatetraene Concentration Rank 5

| R.T. | EstConc | Area   | Relative to ISTD       | R.T. |
|------|---------|--------|------------------------|------|
| 5.77 | 9.87 ng | 502052 | 1,4-Dichlorobenzene-d4 | 6.94 |

| Hit# | of | 5 | Tentative ID                    | MW  | MolForm  | CAS#        | Qual |
|------|----|---|---------------------------------|-----|----------|-------------|------|
| 1    |    |   | 1,3,5,7-Cyclooctatetraene       | 104 | C8H8     | 000629-20-9 | 97   |
| 2    |    |   | Styrene                         | 104 | C8H8     | 000100-42-5 | 97   |
| 3    |    |   | Bicyclo[4.2.0]octa-1,3,5-triene | 104 | C8H8     | 000694-87-1 | 96   |
| 4    |    |   | Butanedioic acid, phenyl-       | 194 | C10H10O4 | 000635-51-8 | 38   |
| 5    |    |   | 1,3,7-Octatrien-5-yne           | 104 | C8H8     | 016607-77-5 | 28   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF020117\  
Data File : BF092728.D  
Acq On : 2 Feb 2017 3:31  
Operator : SJ/MA  
Sample : I1615-04  
Misc :  
ALS Vial : 26 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
SS-4

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF013017.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

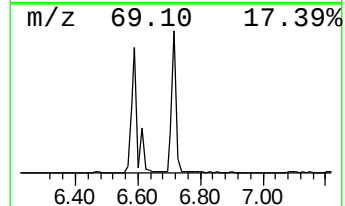
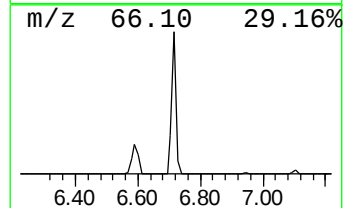
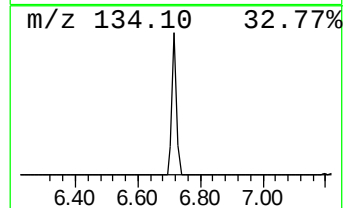
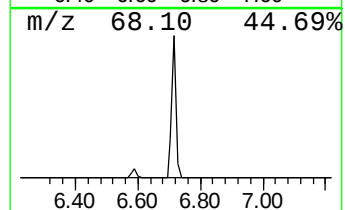
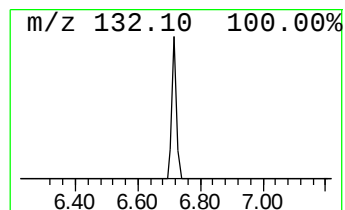
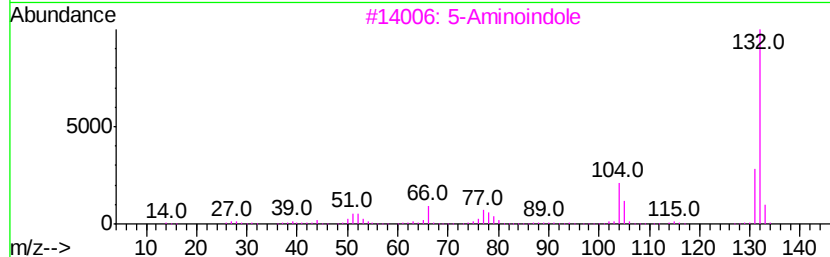
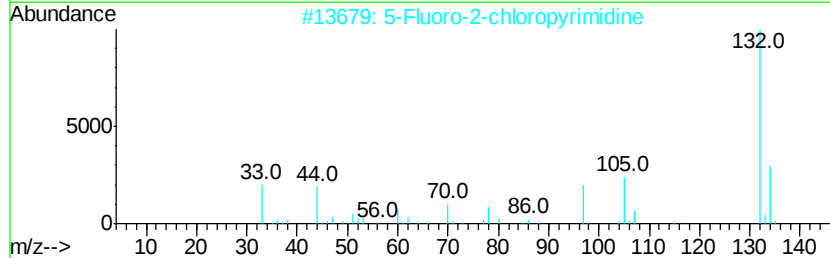
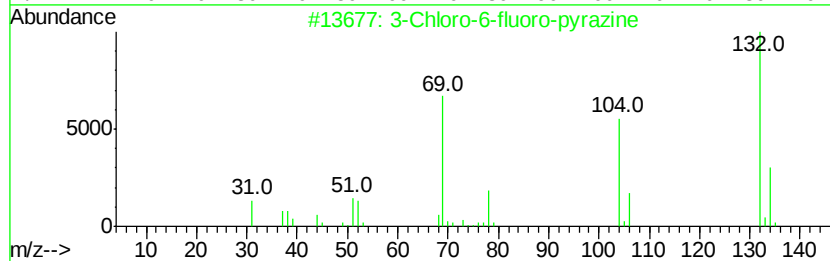
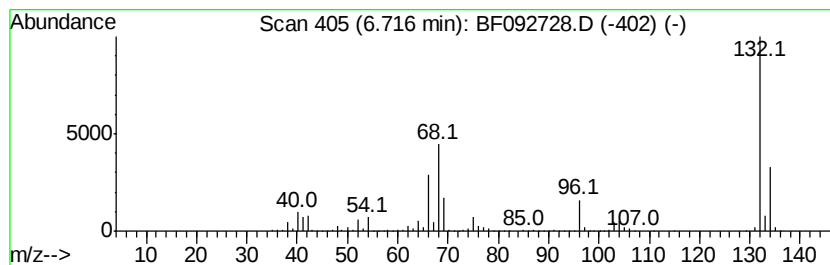
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 3 unknown6.72 Concentration Rank 1

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 6.72 | 73.14 ng | 3718950 | 1,4-Dichlorobenzene-d4 | 6.94 |

| Hit# | of | Tentative ID                | MW  | MolForm   | CAS#         | Qual |
|------|----|-----------------------------|-----|-----------|--------------|------|
| 1    | 5  | 3-Chloro-6-fluoro-pyrazine  | 132 | C4H2ClFN2 | 1000146-10-7 | 27   |
| 2    |    | 5-Fluoro-2-chloropyrimidine | 132 | C4H2ClFN2 | 062802-42-0  | 16   |
| 3    |    | 5-Aminoindole               | 132 | C8H8N2    | 005192-03-0  | 12   |
| 4    |    | Tranylcypromine-propionyl   | 189 | C12H15NO  | 1000123-86-3 | 10   |
| 5    |    | Benzene, 1,3,5-trifluoro-   | 132 | C6H3F3    | 000372-38-3  | 9    |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF020117\  
Data File : BF092728.D  
Acq On : 2 Feb 2017 3:31  
Operator : SJ/MA  
Sample : I1615-04  
Misc :  
ALS Vial : 26 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
SS-4

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF013017.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

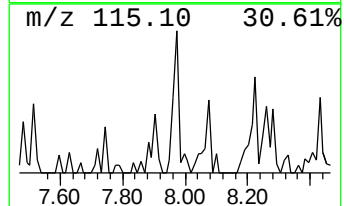
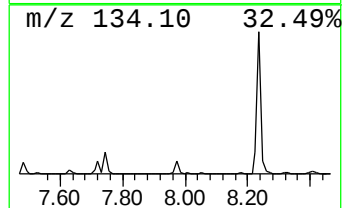
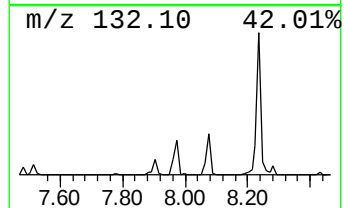
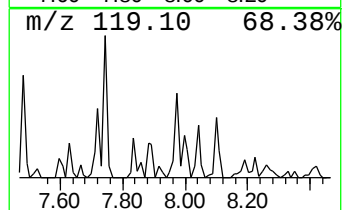
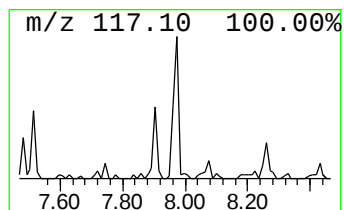
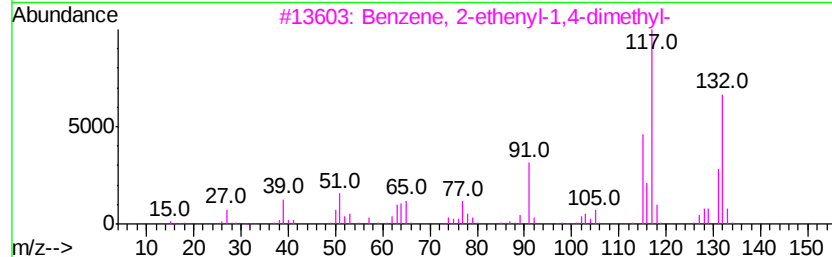
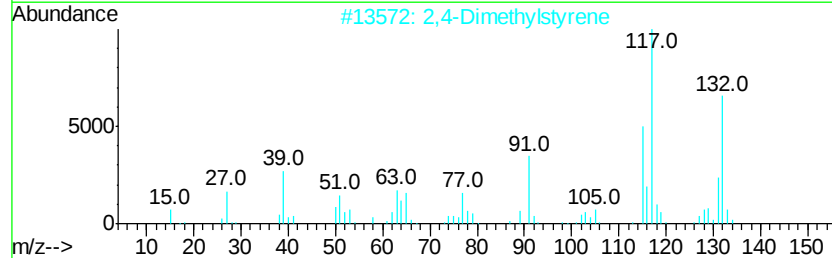
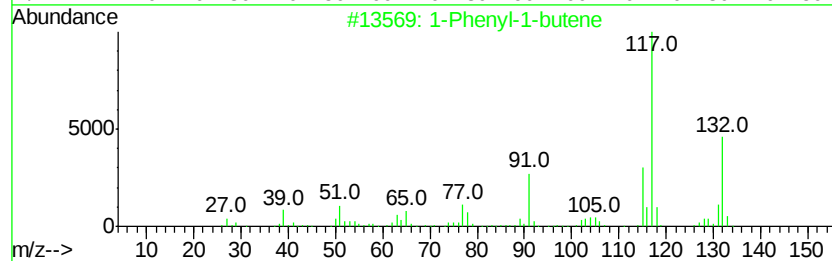
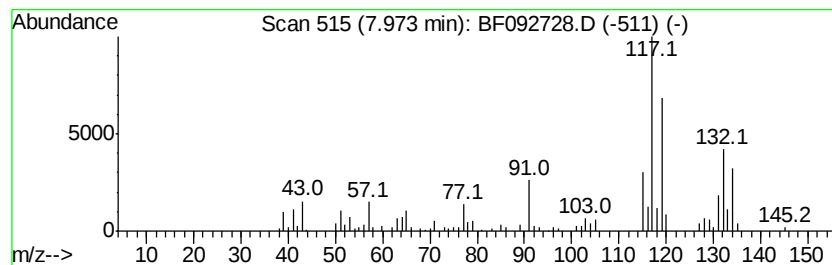
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 5 1-Phenyl-1-butene Concentration Rank 16

| R.T. | EstConc | Area   | Relative to ISTD | R.T. |
|------|---------|--------|------------------|------|
| 7.97 | 3.02 ng | 230668 | Naphthalene-d8   | 8.24 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------------|-----|---------|-------------|------|
| 1    | 5  | 1-Phenyl-1-butene                   | 132 | C10H12  | 000824-90-8 | 93   |
| 2    |    | 2,4-Dimethylstyrene                 | 132 | C10H12  | 002234-20-0 | 91   |
| 3    |    | Benzene, 2-ethenyl-1,4-dimethyl-    | 132 | C10H12  | 002039-89-6 | 91   |
| 4    |    | Benzene, (1-methyl-1-propenyl)-,... | 132 | C10H12  | 000767-99-7 | 86   |
| 5    |    | Benzene, 2-butenyl-                 | 132 | C10H12  | 001560-06-1 | 86   |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF020117\  
Data File : BF092728.D  
Acq On : 2 Feb 2017 3:31  
Operator : SJ/MA  
Sample : I1615-04  
Misc :  
ALS Vial : 26 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampled :  
SS-4

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

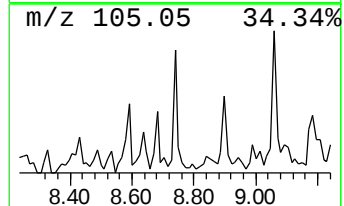
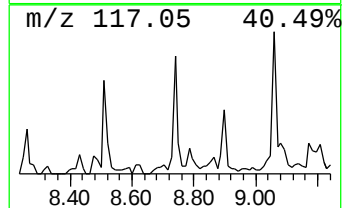
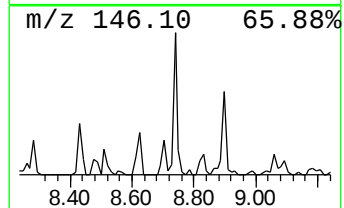
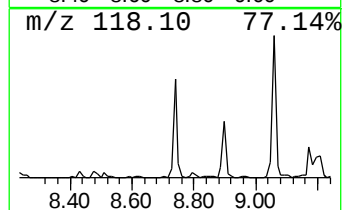
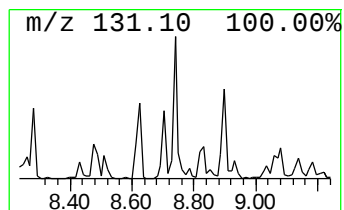
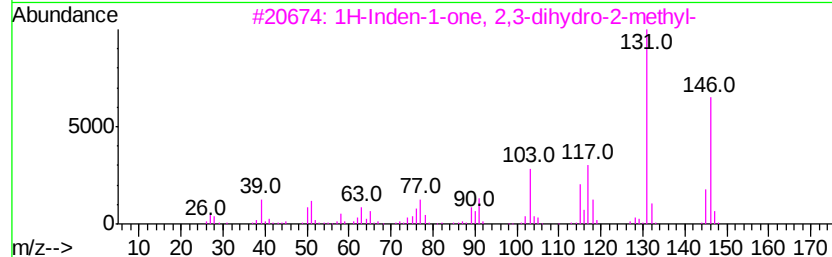
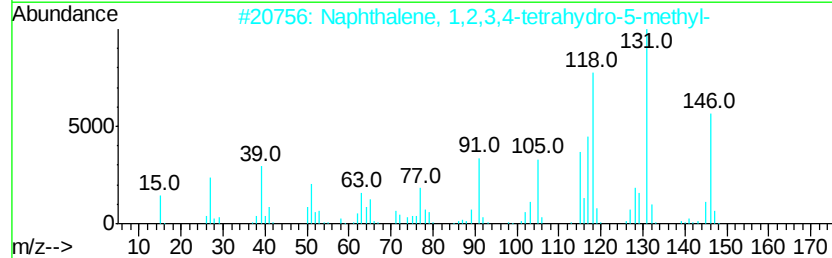
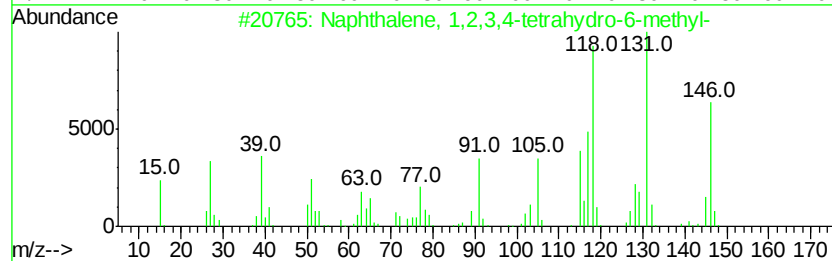
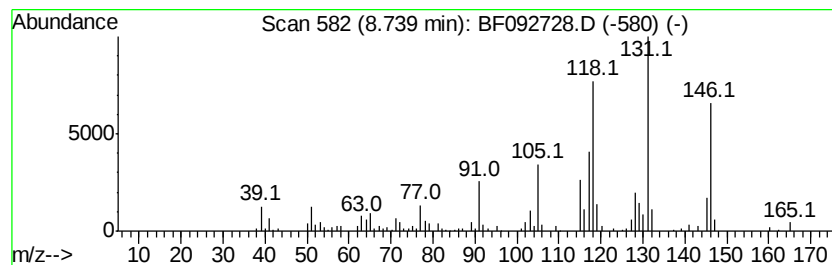
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 6 Naphthalene, 1,2,3,4-tetra... Concentration Rank 18

| R.T. | EstConc | Area   | Relative to ISTD | R.T. |
|------|---------|--------|------------------|------|
| 8.74 | 2.74 ng | 209862 | Naphthalene-d8   | 8.24 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------------|-----|---------|-------------|------|
| 1    | 5  | Naphthalene, 1,2,3,4-tetrahydro-... | 146 | C11H14  | 001680-51-9 | 95   |
| 2    |    | Naphthalene, 1,2,3,4-tetrahydro-... | 146 | C11H14  | 002809-64-5 | 94   |
| 3    |    | 1H-Inden-1-one, 2,3-dihydro-2-me... | 146 | C10H10O | 017496-14-9 | 58   |
| 4    |    | Benzene, (2-methyl-1-butenyl)-      | 146 | C11H14  | 056253-64-6 | 55   |
| 5    |    | .alpha.,.beta.,.beta.-Trimethyls... | 146 | C11H14  | 000769-57-3 | 55   |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF020117\  
Data File : BF092728.D  
Acq On : 2 Feb 2017 3:31  
Operator : SJ/MA  
Sample : I1615-04  
Misc :  
ALS Vial : 26 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
SS-4

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

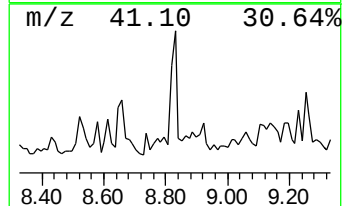
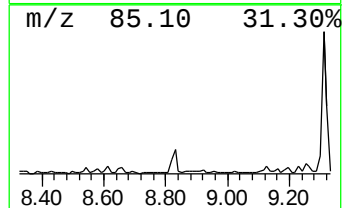
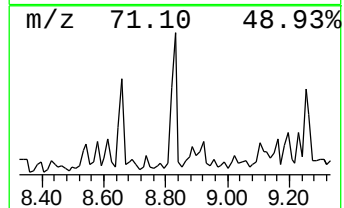
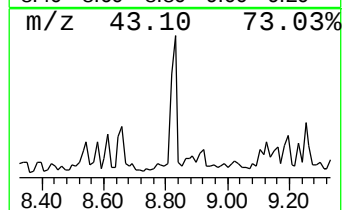
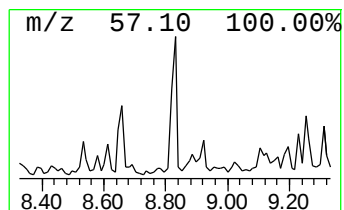
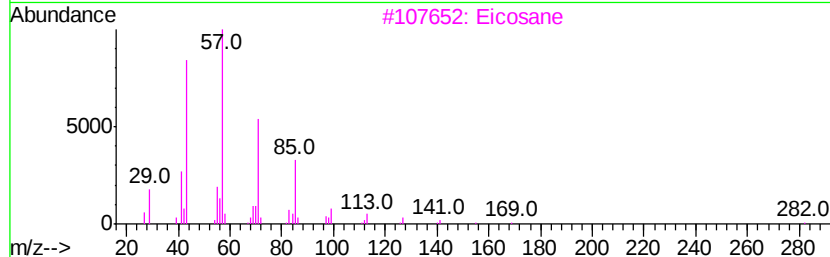
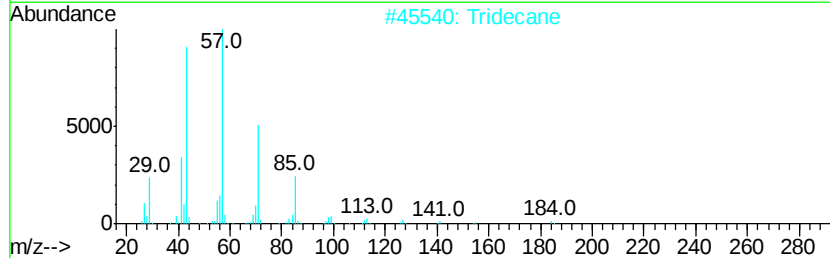
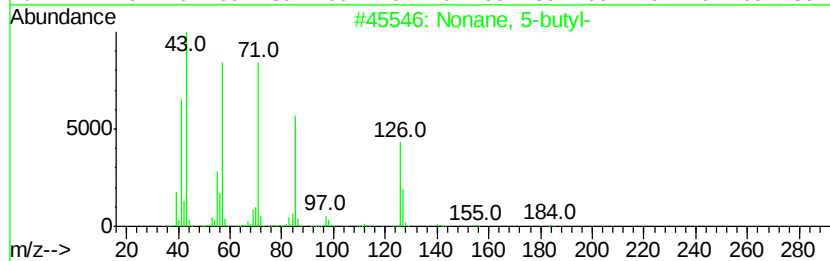
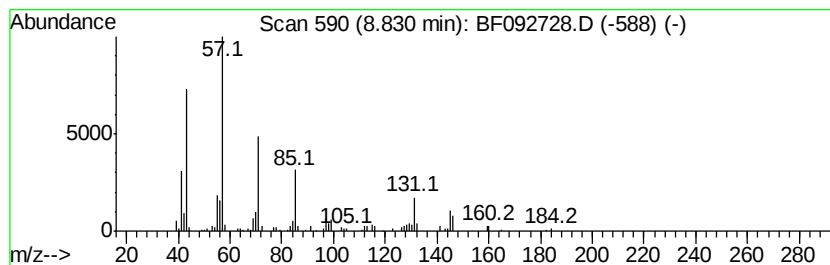
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 7 Nonane, 5-butyl- Concentration Rank 17

| R.T. | EstConc | Area   | Relative to ISTD | R.T. |
|------|---------|--------|------------------|------|
| 8.83 | 2.93 ng | 224113 | Naphthalene-d8   | 8.24 |

| Hit# | of | Tentative ID     | MW  | MolForm | CAS#        | Qual |
|------|----|------------------|-----|---------|-------------|------|
| 1    | 5  | Nonane, 5-butyl- | 184 | C13H28  | 017312-63-9 | 60   |
| 2    |    | Tridecane        | 184 | C13H28  | 000629-50-5 | 60   |
| 3    |    | Eicosane         | 282 | C20H42  | 000112-95-8 | 52   |
| 4    |    | Hexadecane       | 226 | C16H34  | 000544-76-3 | 52   |
| 5    |    | Pentadecane      | 212 | C15H32  | 000629-62-9 | 50   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF020117\  
Data File : BF092728.D  
Acq On : 2 Feb 2017 3:31  
Operator : SJ/MA  
Sample : I1615-04  
Misc :  
ALS Vial : 26 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampled :  
SS-4

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF013017.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

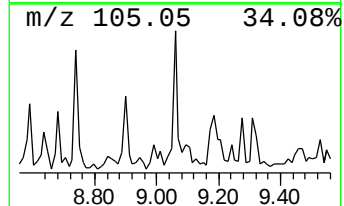
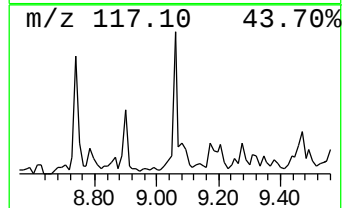
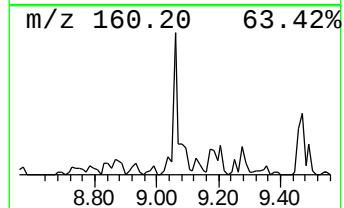
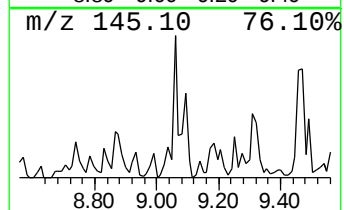
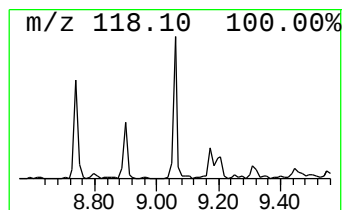
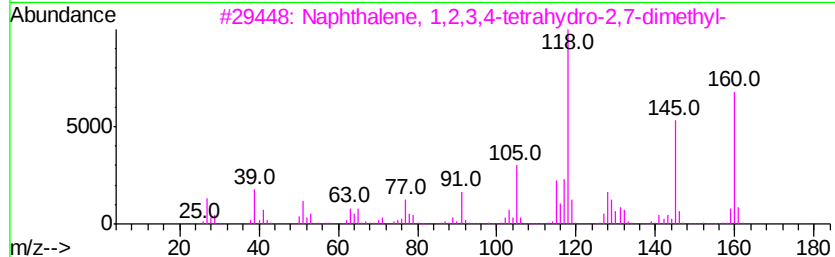
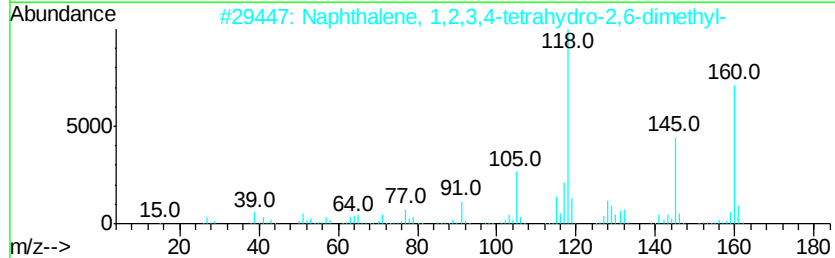
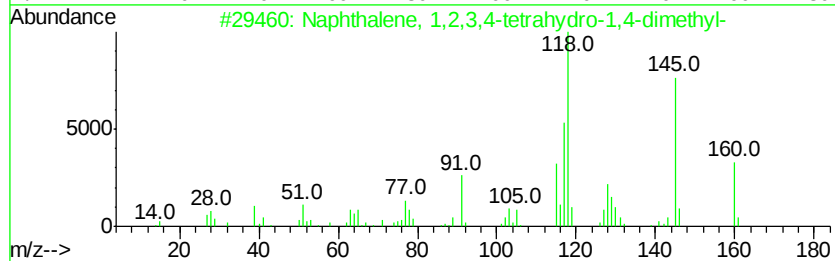
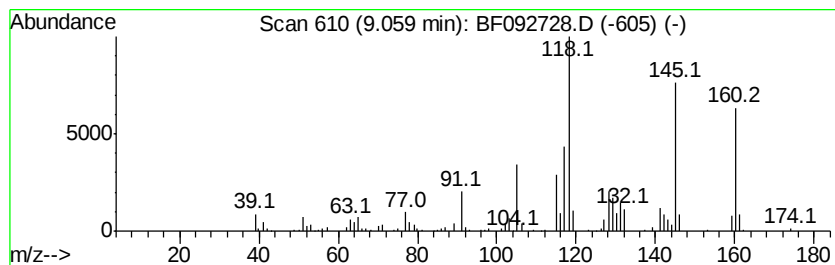
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 8 Naphthalene, 1,2,3,4-tetra... Concentration Rank 15

| R.T. | EstConc | Area   | Relative to ISTD | R.T. |
|------|---------|--------|------------------|------|
| 9.06 | 3.23 ng | 247000 | Naphthalene-d8   | 8.24 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------------|-----|---------|-------------|------|
| 1    | 5  | Naphthalene, 1,2,3,4-tetrahydro-... | 160 | C12H16  | 004175-54-6 | 96   |
| 2    |    | Naphthalene, 1,2,3,4-tetrahydro-... | 160 | C12H16  | 007524-63-2 | 91   |
| 3    |    | Naphthalene, 1,2,3,4-tetrahydro-... | 160 | C12H16  | 013065-07-1 | 70   |
| 4    |    | Benzene, 1,3,5-trimethyl-2-(1-me... | 160 | C12H16  | 014679-13-1 | 55   |
| 5    |    | 1(2H)-Naphthalenone, 3,4-dihydro... | 160 | C11H12O | 014944-23-1 | 49   |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF020117\  
Data File : BF092728.D  
Acq On : 2 Feb 2017 3:31  
Operator : SJ/MA  
Sample : I1615-04  
Misc :  
ALS Vial : 26 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
SS-4

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

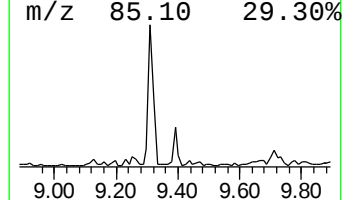
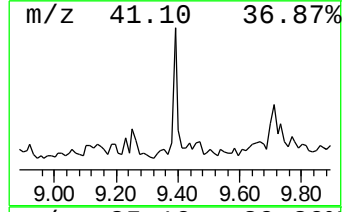
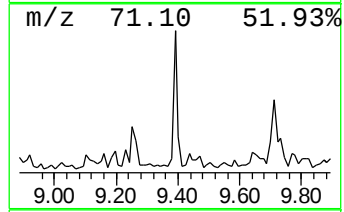
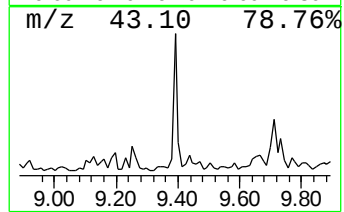
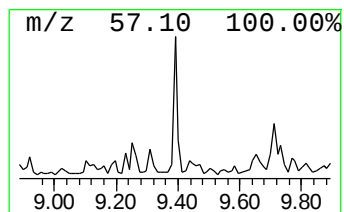
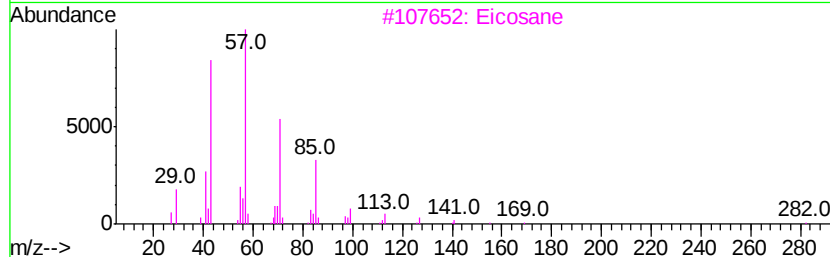
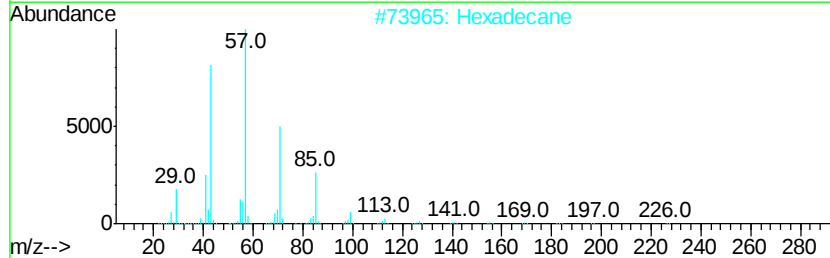
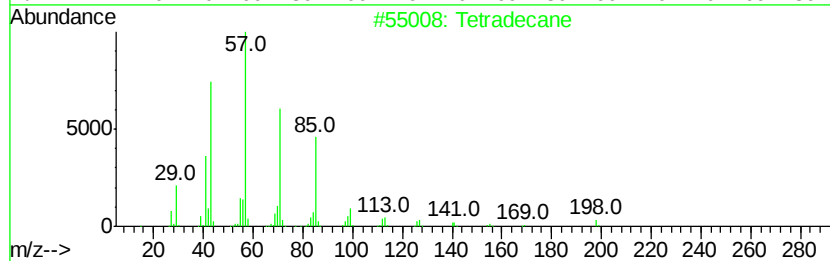
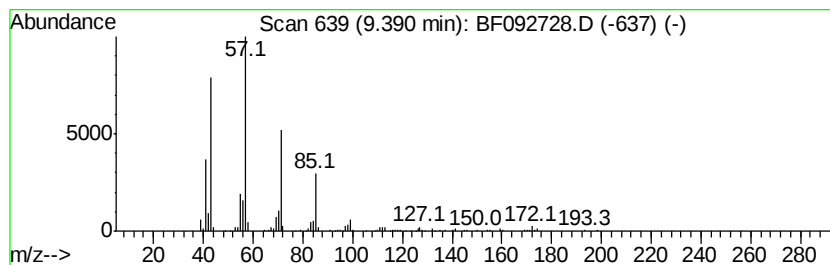
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 9 Tetradecane Concentration Rank 9

| R.T. | EstConc | Area   | Relative to ISTD | R.T.  |
|------|---------|--------|------------------|-------|
| 9.39 | 5.08 ng | 338066 | Acenaphthene-d10 | 10.00 |

| Hit# of | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|---------|---|--------------|-----|---------|-------------|------|
| 1       |   | Tetradecane  | 198 | C14H30  | 000629-59-4 | 91   |
| 2       |   | Hexadecane   | 226 | C16H34  | 000544-76-3 | 91   |
| 3       |   | Eicosane     | 282 | C20H42  | 000112-95-8 | 87   |
| 4       |   | Tridecane    | 184 | C13H28  | 000629-50-5 | 86   |
| 5       |   | Pentadecane  | 212 | C15H32  | 000629-62-9 | 86   |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF020117\  
Data File : BF092728.D  
Acq On : 2 Feb 2017 3:31  
Operator : SJ/MA  
Sample : I1615-04  
Misc :  
ALS Vial : 26 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
SS-4

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

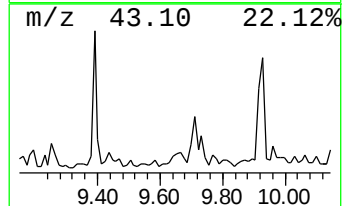
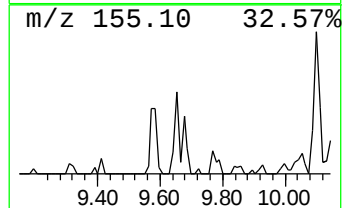
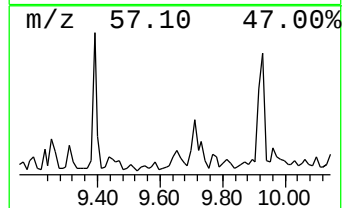
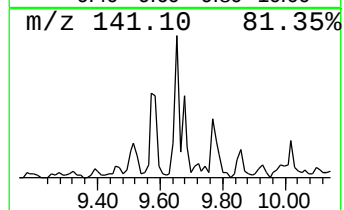
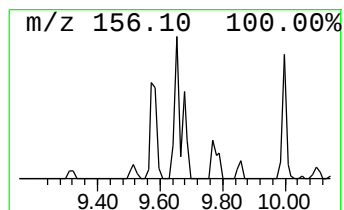
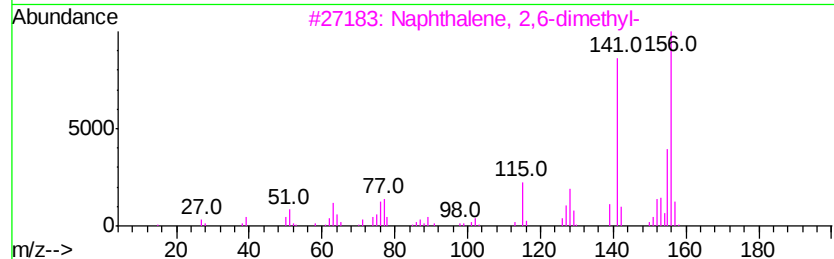
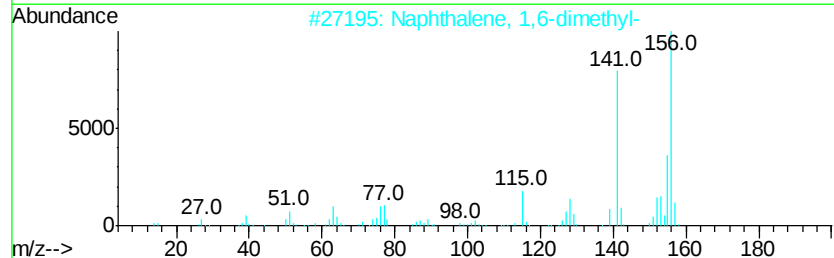
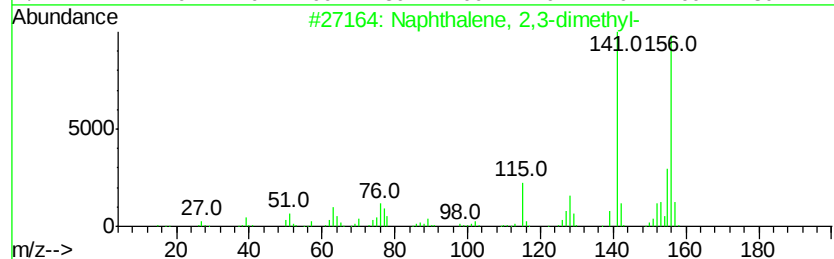
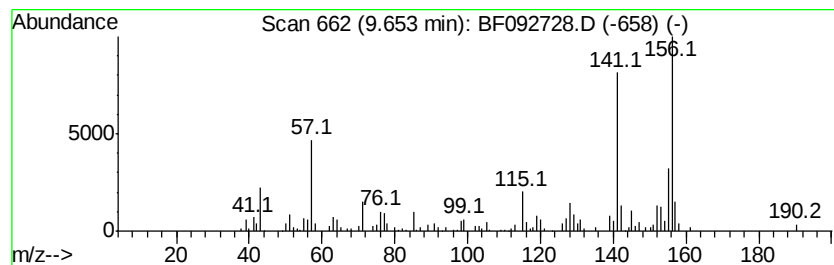
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 10 Naphthalene, 2,3-dimethyl- Concentration Rank 13

| R.T. | EstConc | Area   | Relative to ISTD | R.T.  |
|------|---------|--------|------------------|-------|
| 9.65 | 4.41 ng | 293348 | Acenaphthene-d10 | 10.00 |

| Hit# | of | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|----------------------------|-----|---------|-------------|------|
| 1    | 5  | Naphthalene, 2,3-dimethyl- | 156 | C12H12  | 000581-40-8 | 98   |
| 2    |    | Naphthalene, 1,6-dimethyl- | 156 | C12H12  | 000575-43-9 | 96   |
| 3    |    | Naphthalene, 2,6-dimethyl- | 156 | C12H12  | 000581-42-0 | 96   |
| 4    |    | Naphthalene, 1,3-dimethyl- | 156 | C12H12  | 000575-41-7 | 96   |
| 5    |    | Naphthalene, 1,2-dimethyl- | 156 | C12H12  | 000573-98-8 | 96   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF020117\  
Data File : BF092728.D  
Acq On : 2 Feb 2017 3:31  
Operator : SJ/MA  
Sample : I1615-04  
Misc :  
ALS Vial : 26 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
SS-4

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF013017.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

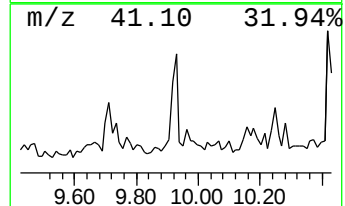
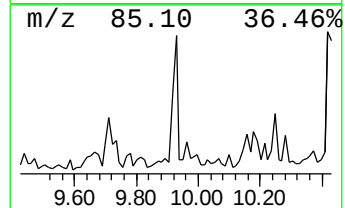
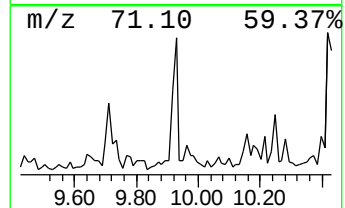
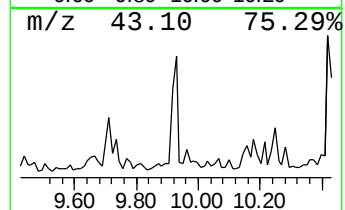
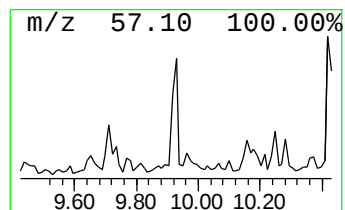
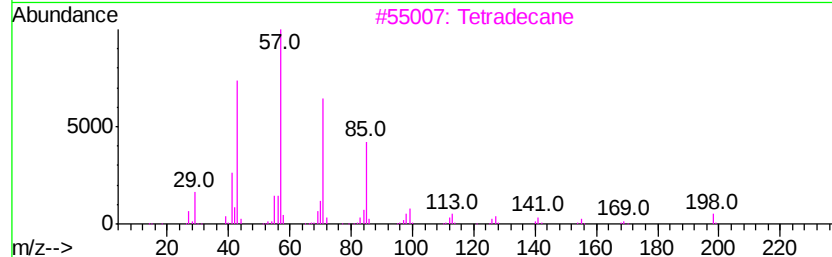
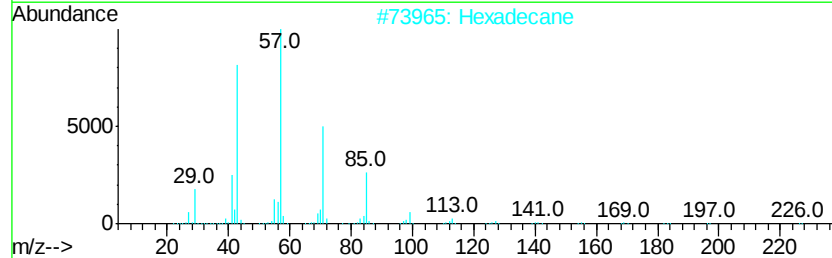
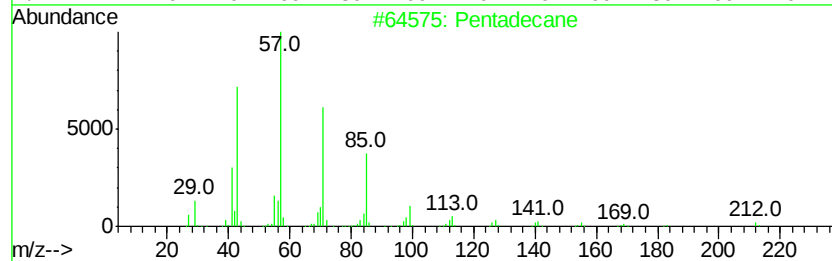
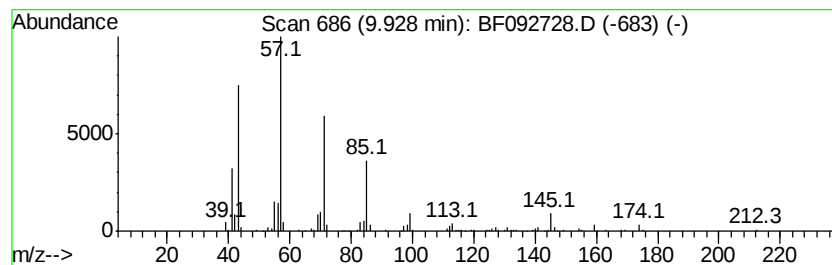
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 11 Pentadecane Concentration Rank 10

| R.T. | EstConc | Area   | Relative to ISTD | R.T.  |
|------|---------|--------|------------------|-------|
| 9.93 | 4.77 ng | 317017 | Acenaphthene-d10 | 10.00 |

| Hit# | of | Tentative ID     | MW  | MolForm | CAS#        | Qual |
|------|----|------------------|-----|---------|-------------|------|
| 1    | 5  | Pentadecane      | 212 | C15H32  | 000629-62-9 | 95   |
| 2    |    | Hexadecane       | 226 | C16H34  | 000544-76-3 | 87   |
| 3    |    | Tetradecane      | 198 | C14H30  | 000629-59-4 | 86   |
| 4    |    | Tridecane        | 184 | C13H28  | 000629-50-5 | 86   |
| 5    |    | Nonane, 5-butyl- | 184 | C13H28  | 017312-63-9 | 64   |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF020117\  
Data File : BF092728.D  
Acq On : 2 Feb 2017 3:31  
Operator : SJ/MA  
Sample : I1615-04  
Misc :  
ALS Vial : 26 Sample Multiplier: 1

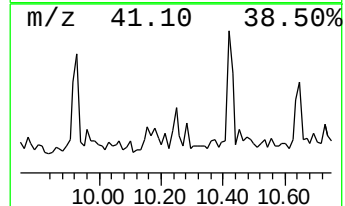
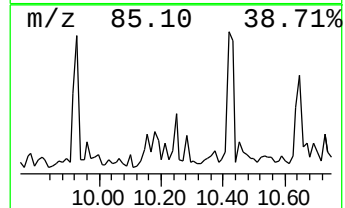
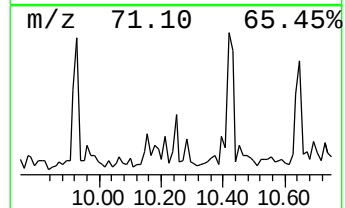
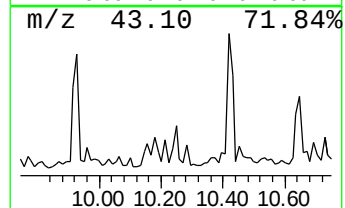
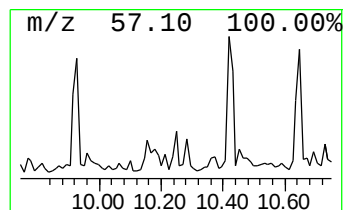
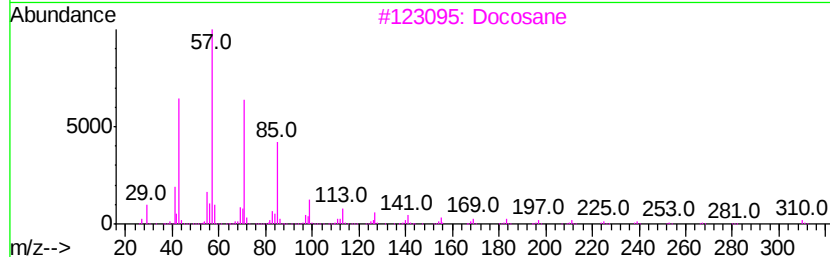
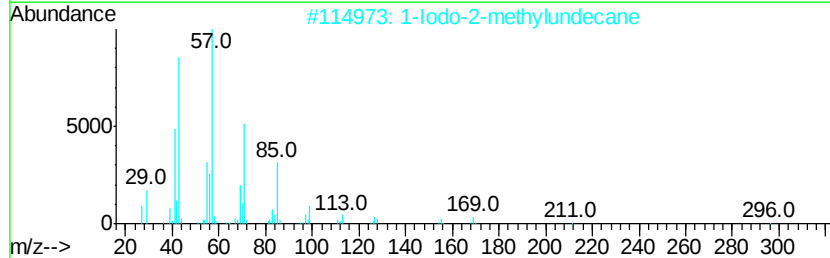
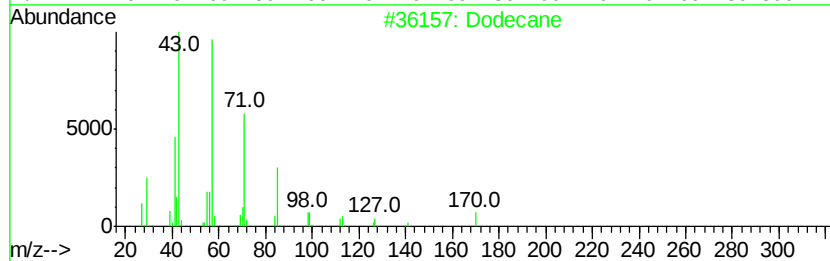
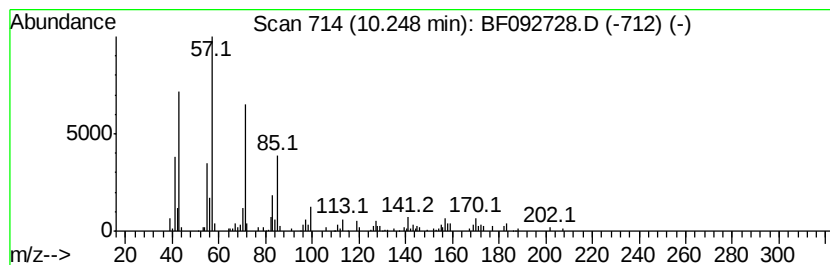
Instrument :  
BNA\_F  
ClientSampleId :  
SS-4

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 12 Dodecane Concentration Rank 19

| R.T.    | EstConc                 | Area         | Relative to ISTD | R.T.      |
|---------|-------------------------|--------------|------------------|-----------|
| 10.25   | 2.70 ng                 | 179677       | Acenaphthene-d10 | 10.00     |
| Hit# of | 5                       | Tentative ID | MW MolForm       | CAS# Qual |
| 1       | Dodecane                | 170 C12H26   | 000112-40-3      | 87        |
| 2       | 1-Iodo-2-methylundecane | 296 C12H25I  | 073105-67-6      | 83        |
| 3       | Docosane                | 310 C22H46   | 000629-97-0      | 80        |
| 4       | Octacosane              | 394 C28H58   | 000630-02-4      | 80        |
| 5       | Octadecane              | 254 C18H38   | 000593-45-3      | 80        |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF020117\  
Data File : BF092728.D  
Acq On : 2 Feb 2017 3:31  
Operator : SJ/MA  
Sample : I1615-04  
Misc :  
ALS Vial : 26 Sample Multiplier: 1

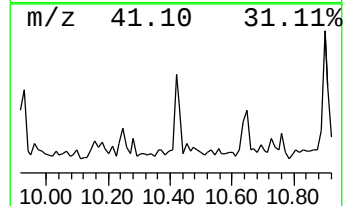
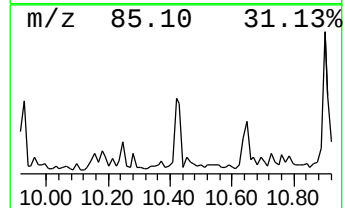
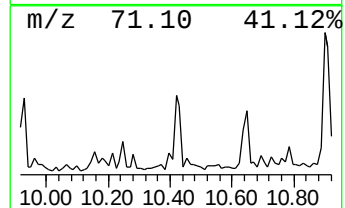
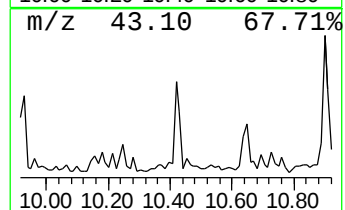
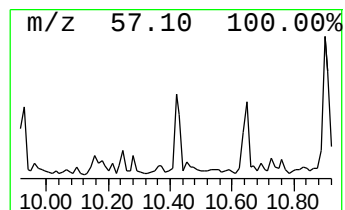
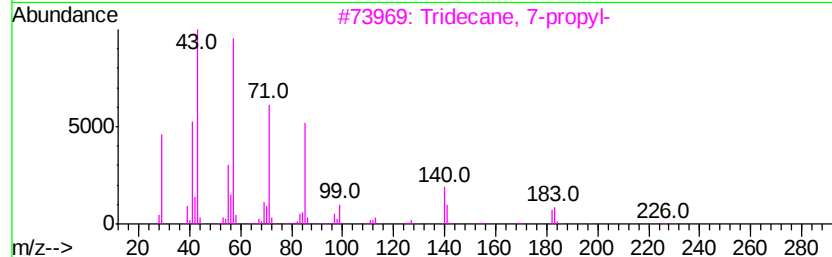
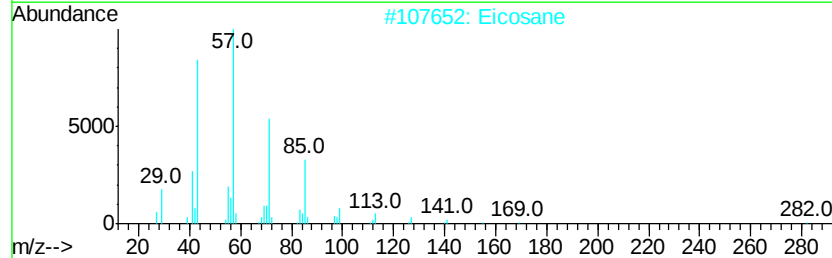
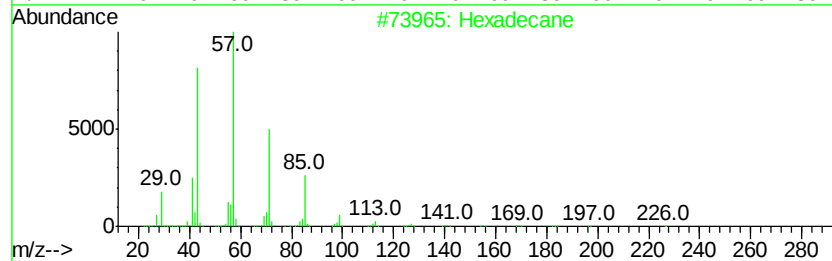
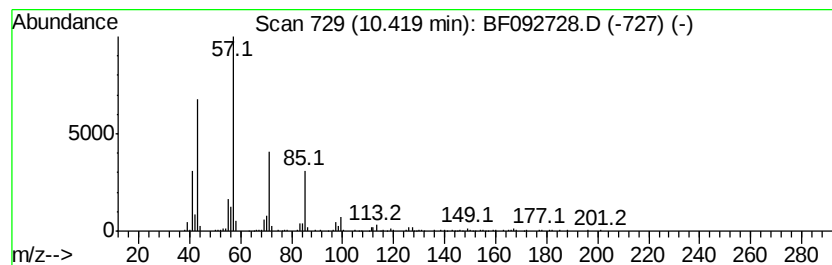
Instrument :  
BNA\_F  
ClientSampleId :  
SS-4

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 13 Hexadecane Concentration Rank 7

| R.T.      | EstConc              | Area   | Relative to ISTD |             | R.T.  |
|-----------|----------------------|--------|------------------|-------------|-------|
| 10.42     | 6.00 ng              | 399014 | Acenaphthene-d10 |             | 10.00 |
| Hit# of 5 | Tentative ID         | MW     | MolForm          | CAS#        | Qual  |
| 1         | Hexadecane           | 226    | C16H34           | 000544-76-3 | 87    |
| 2         | Eicosane             | 282    | C20H42           | 000112-95-8 | 83    |
| 3         | Tridecane, 7-propyl- | 226    | C16H34           | 055045-09-5 | 80    |
| 4         | Tetradecane          | 198    | C14H30           | 000629-59-4 | 80    |
| 5         | Pentadecane          | 212    | C15H32           | 000629-62-9 | 80    |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF020117\  
Data File : BF092728.D  
Acq On : 2 Feb 2017 3:31  
Operator : SJ/MA  
Sample : I1615-04  
Misc :  
ALS Vial : 26 Sample Multiplier: 1

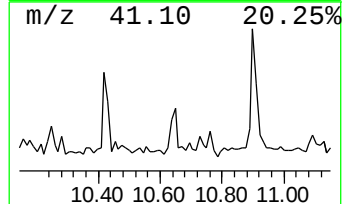
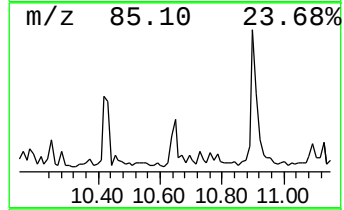
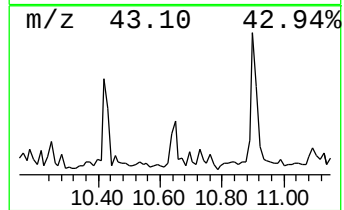
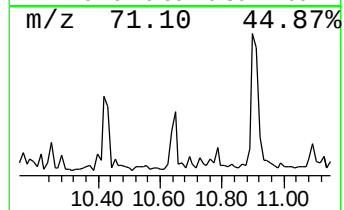
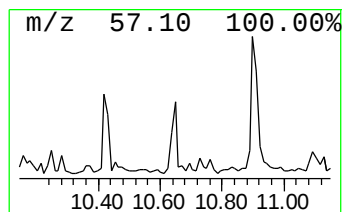
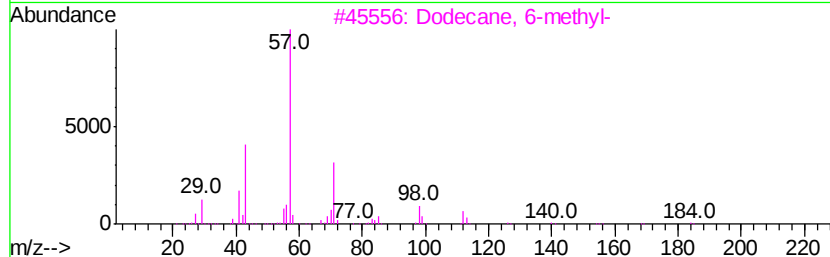
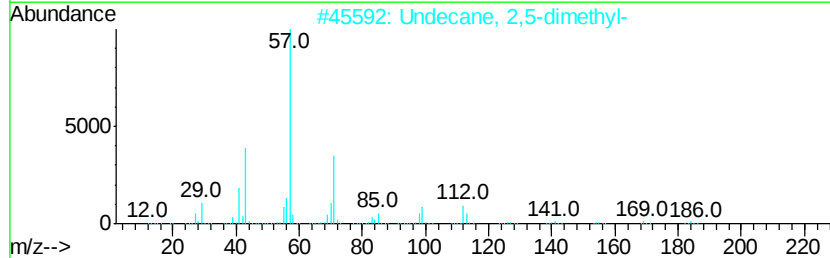
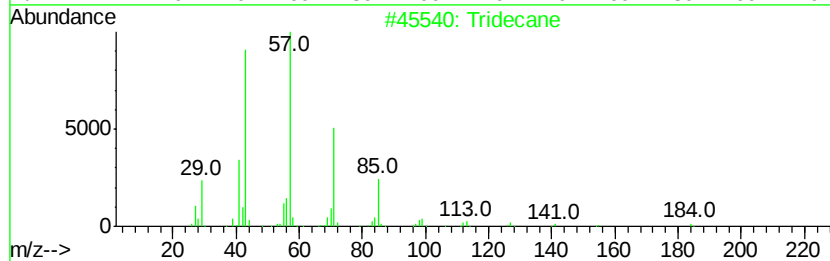
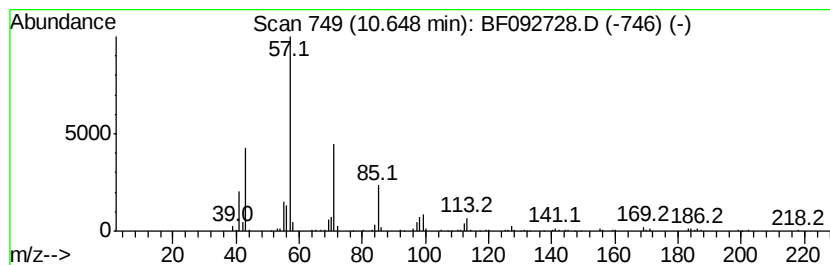
Instrument :  
BNA\_F  
ClientSampleId :  
SS-4

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 14 Tridecane Concentration Rank 12

| R.T.      | EstConc                 | Area   | Relative to ISTD |             | R.T.  |
|-----------|-------------------------|--------|------------------|-------------|-------|
| 10.65     | 4.42 ng                 | 294186 | Acenaphthene-d10 |             | 10.00 |
| Hit# of 5 | Tentative ID            | MW     | MolForm          | CAS#        | Qual  |
| 1         | Tridecane               | 184    | C13H28           | 000629-50-5 | 80    |
| 2         | Undecane, 2,5-dimethyl- | 184    | C13H28           | 017301-22-3 | 76    |
| 3         | Dodecane, 6-methyl-     | 184    | C13H28           | 006044-71-9 | 62    |
| 4         | Pentadecane             | 212    | C15H32           | 000629-62-9 | 59    |
| 5         | Dodecane, 1-iodo-       | 296    | C12H25I          | 004292-19-7 | 58    |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF020117\  
Data File : BF092728.D  
Acq On : 2 Feb 2017 3:31  
Operator : SJ/MA  
Sample : I1615-04  
Misc :  
ALS Vial : 26 Sample Multiplier: 1

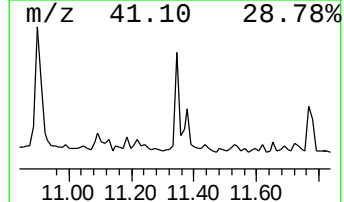
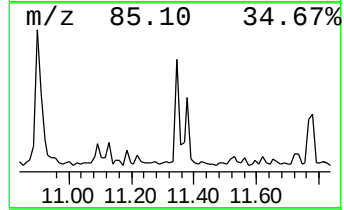
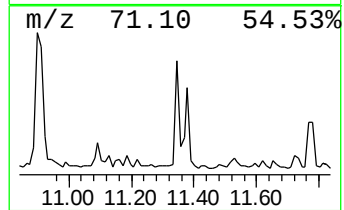
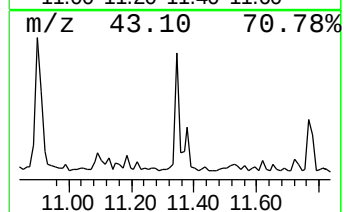
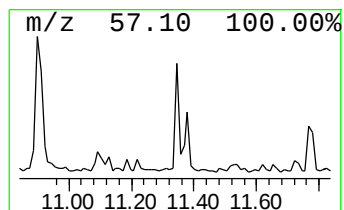
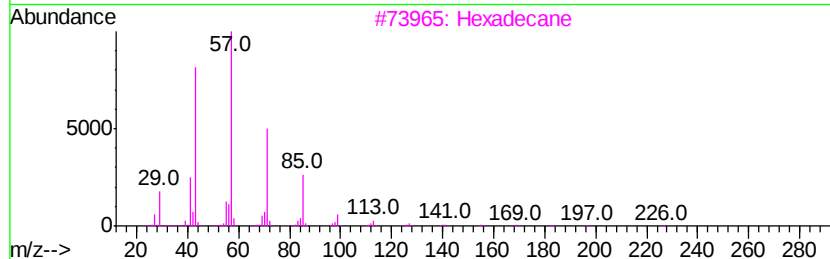
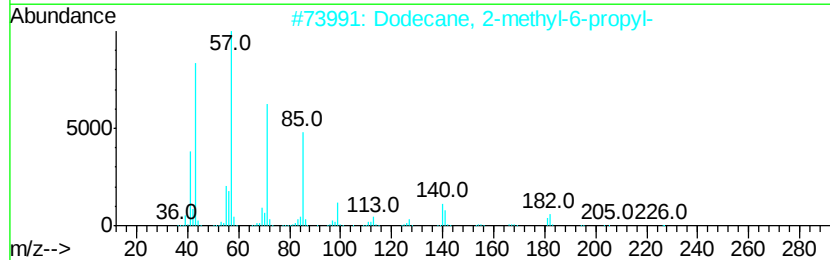
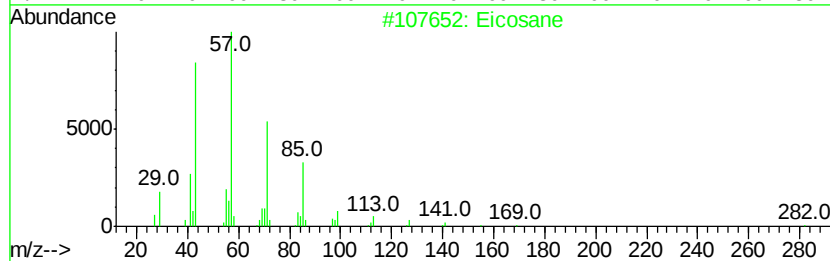
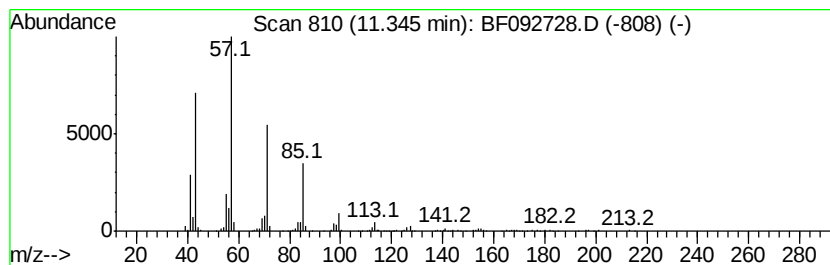
Instrument :  
BNA\_F  
ClientSampleId :  
SS-4

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF013017.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 16 Eicosane Concentration Rank 6

| R.T.      | EstConc                      | Area   | Relative to ISTD |             | R.T.  |
|-----------|------------------------------|--------|------------------|-------------|-------|
| 11.34     | 6.72 ng                      | 345570 | Phenanthrene-d10 |             | 11.48 |
| Hit# of 5 | Tentative ID                 | MW     | MolForm          | CAS#        | Qual  |
| 1         | Eicosane                     | 282    | C20H42           | 000112-95-8 | 91    |
| 2         | Dodecane, 2-methyl-6-propyl- | 226    | C16H34           | 055045-08-4 | 86    |
| 3         | Hexadecane                   | 226    | C16H34           | 000544-76-3 | 86    |
| 4         | Heptadecane                  | 240    | C17H36           | 000629-78-7 | 83    |
| 5         | Dodecane, 3-methyl-          | 184    | C13H28           | 017312-57-1 | 80    |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF020117\  
Data File : BF092728.D  
Acq On : 2 Feb 2017 3:31  
Operator : SJ/MA  
Sample : I1615-04  
Misc :  
ALS Vial : 26 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
SS-4

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF013017.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

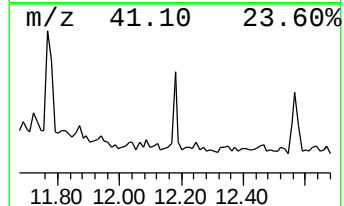
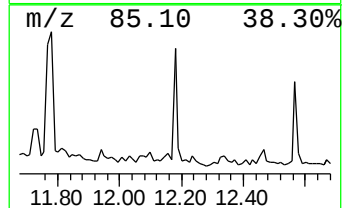
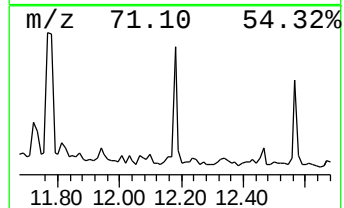
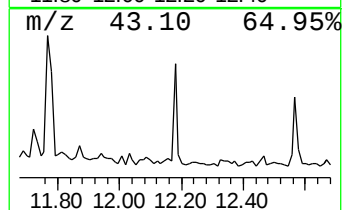
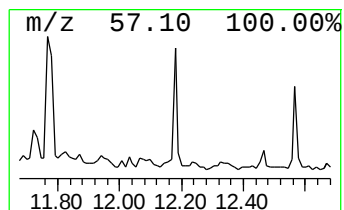
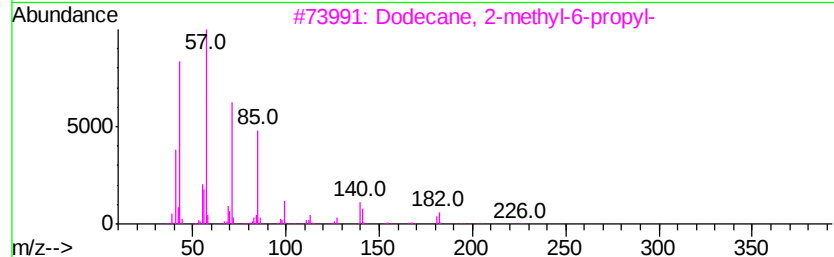
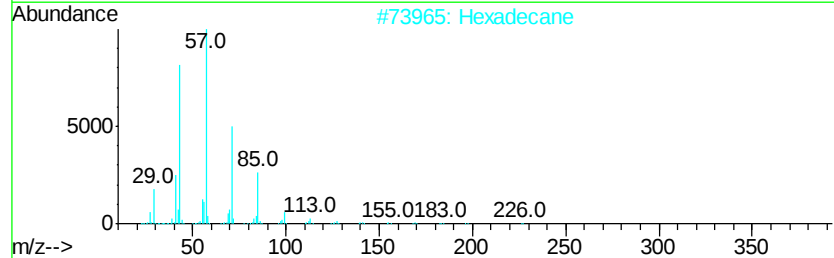
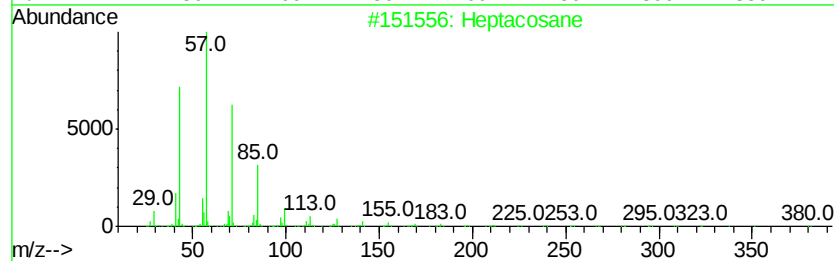
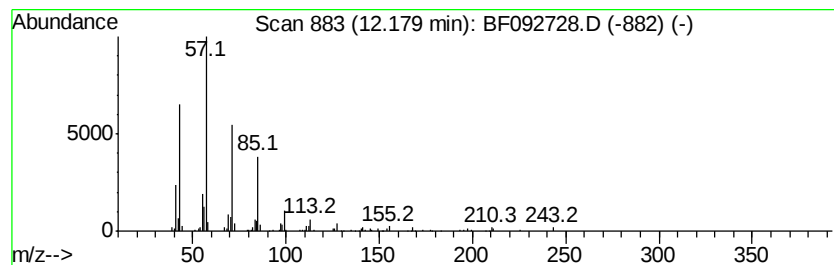
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 19 Heptacosane Concentration Rank 20

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 12.18 | 2.55 ng | 131022 | Phenanthrene-d10 | 11.48 |

| Hit# | of | 5 | Tentative ID                 | MW  | MolForm | CAS#        | Qual |
|------|----|---|------------------------------|-----|---------|-------------|------|
| 1    |    |   | Heptacosane                  | 380 | C27H56  | 000593-49-7 | 91   |
| 2    |    |   | Hexadecane                   | 226 | C16H34  | 000544-76-3 | 90   |
| 3    |    |   | Dodecane, 2-methyl-6-propyl- | 226 | C16H34  | 055045-08-4 | 86   |
| 4    |    |   | Dodecane, 1-iodo-            | 296 | C12H25I | 004292-19-7 | 86   |
| 5    |    |   | Heptadecane                  | 240 | C17H36  | 000629-78-7 | 83   |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF020117\  
Data File : BF092728.D  
Acq On : 2 Feb 2017 3:31  
Operator : SJ/MA  
Sample : I1615-04  
Misc :  
ALS Vial : 26 Sample Multiplier: 1

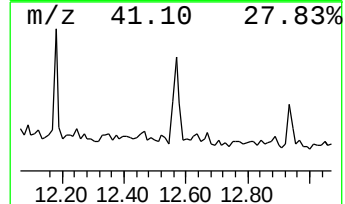
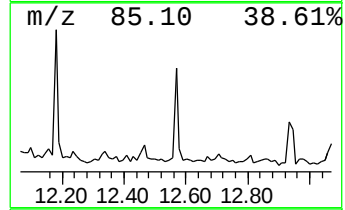
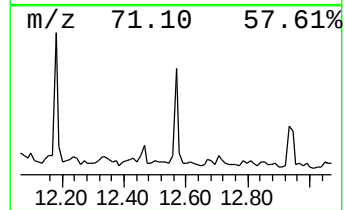
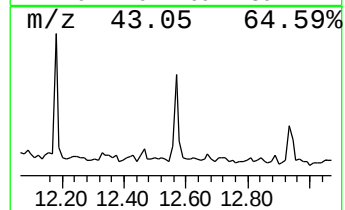
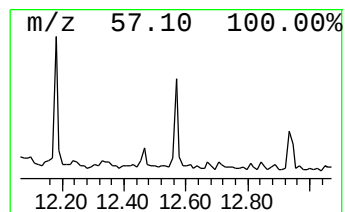
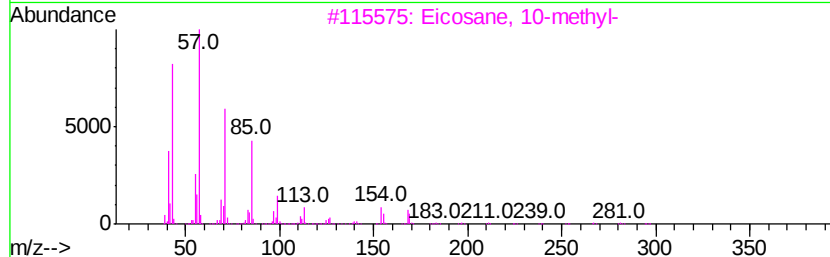
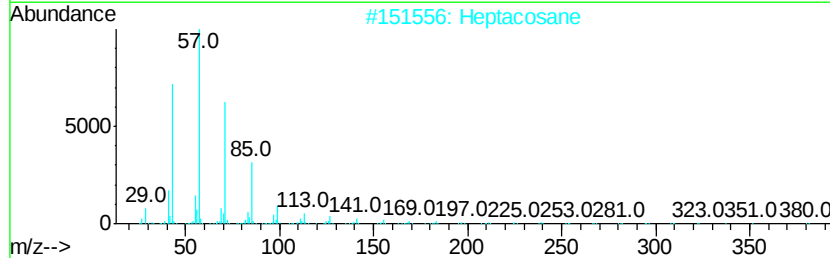
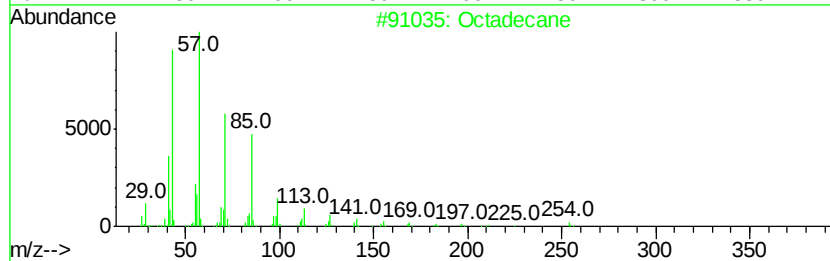
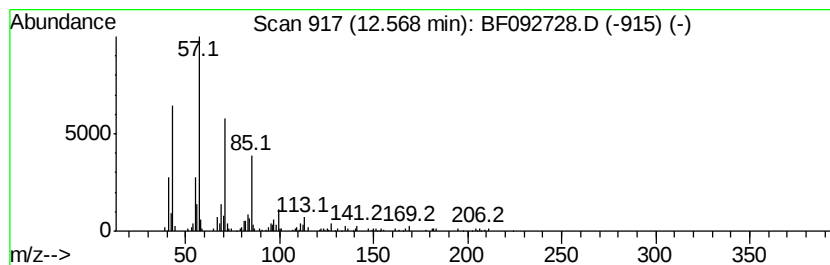
Instrument :  
BNA\_F  
ClientSampleId :  
SS-4

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 20 Octadecane Concentration Rank 14

| R.T.    | EstConc              | Area         | Relative to ISTD | R.T.           |
|---------|----------------------|--------------|------------------|----------------|
| 12.57   | 3.91 ng              | 201216       | Phenanthrene-d10 | 11.48          |
| Hit# of | 5                    | Tentative ID | MW MolForm       | CAS# Qual      |
| 1       | Octadecane           |              | 254 C18H38       | 000593-45-3 91 |
| 2       | Heptacosane          |              | 380 C27H56       | 000593-49-7 91 |
| 3       | Eicosane, 10-methyl- |              | 296 C21H44       | 054833-23-7 91 |
| 4       | Octacosane           |              | 394 C28H58       | 000630-02-4 91 |
| 5       | Octadecane, 1-iodo-  |              | 380 C18H37I      | 000629-93-6 90 |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF020117\  
 Data File : BF092728.D  
 Acq On : 2 Feb 2017 3:31  
 Operator : SJ/MA  
 Sample : I1615-04  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SS-4

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF013017.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... | 5.14  | 40.7    | ng    | 2068190  | 1                     | 6.94  | 1017000 | 20.0 |
| 1,3,5,7-Cycloocta... | 5.77  | 9.9     | ng    | 502052   | 1                     | 6.94  | 1017000 | 20.0 |
| unknown6.72          | 6.72  | 73.1    | ng    | 3718950  | 1                     | 6.94  | 1017000 | 20.0 |
| 1-Phenyl-1-butene    | 7.97  | 3.0     | ng    | 230668   | 2                     | 8.24  | 1529210 | 20.0 |
| Naphthalene, 1,2,... | 8.74  | 2.7     | ng    | 209862   | 2                     | 8.24  | 1529210 | 20.0 |
| Nonane, 5-butyl-     | 8.83  | 2.9     | ng    | 224113   | 2                     | 8.24  | 1529210 | 20.0 |
| Naphthalene, 1,2,... | 9.06  | 3.2     | ng    | 247000   | 2                     | 8.24  | 1529210 | 20.0 |
| Tetradecane          | 9.39  | 5.1     | ng    | 338066   | 3                     | 10.00 | 1330330 | 20.0 |
| Naphthalene, 2,3-... | 9.65  | 4.4     | ng    | 293348   | 3                     | 10.00 | 1330330 | 20.0 |
| Pentadecane          | 9.93  | 4.8     | ng    | 317017   | 3                     | 10.00 | 1330330 | 20.0 |
| Dodecane             | 10.25 | 2.7     | ng    | 179677   | 3                     | 10.00 | 1330330 | 20.0 |
| Hexadecane           | 10.42 | 6.0     | ng    | 399014   | 3                     | 10.00 | 1330330 | 20.0 |
| Tridecane            | 10.65 | 4.4     | ng    | 294186   | 3                     | 10.00 | 1330330 | 20.0 |
| Eicosane             | 11.34 | 6.7     | ng    | 345570   | 4                     | 11.48 | 1028060 | 20.0 |
| Heptacosane          | 12.18 | 2.5     | ng    | 131022   | 4                     | 11.48 | 1028060 | 20.0 |
| Octadecane           | 12.57 | 3.9     | ng    | 201216   | 4                     | 11.48 | 1028060 | 20.0 |