

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF020216\  
 Data File : BF084771.D  
 Acq On : 3 Feb 2016 4:22  
 Operator : SJ/IZ  
 Sample : H1306-04  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 BLFS-RL01

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-BF020116.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         | 4.876       | 241           | 244         | 250          | rVB      | 1704890        | 2534027       | 6.56%           | 0.333%        |
| 2         | 5.242       | 274           | 276         | 280          | rBV2     | 1236604        | 2056659       | 5.32%           | 0.270%        |
| 3         | 5.310       | 280           | 282         | 284          | rBV      | 4635848        | 4729092       | 12.24%          | 0.621%        |
| 4         | 5.584       | 304           | 306         | 309          | rVB      | 1261410        | 1444784       | 3.74%           | 0.190%        |
| 5         | 5.939       | 335           | 337         | 340          | rVB      | 1865298        | 2229757       | 5.77%           | 0.293%        |
| 6         | 6.133       | 351           | 354         | 357          | rBV3     | 623626         | 1557306       | 4.03%           | 0.205%        |
| 7         | 6.224       | 357           | 362         | 366          | rVB3     | 2761823        | 6357024       | 16.45%          | 0.835%        |
| 8         | 6.304       | 366           | 369         | 371          | rBV2     | 2004599        | 2932249       | 7.59%           | 0.385%        |
| 9         | 6.362       | 371           | 374         | 375          | rBV      | 4203096        | 5471426       | 14.16%          | 0.718%        |
| 10        | 6.476       | 379           | 384         | 387          | rBV2     | 5267017        | 8134587       | 21.05%          | 1.068%        |
| 11        | 6.556       | 387           | 391         | 393          | rVB2     | 7686854        | 14371847      | 37.19%          | 1.887%        |
| 12        | 6.659       | 397           | 400         | 402          | rBV3     | 845251         | 2260610       | 5.85%           | 0.297%        |
| 13        | 6.705       | 402           | 404         | 405          | rVV      | 1628860        | 1993999       | 5.16%           | 0.262%        |
| 14        | 6.739       | 405           | 407         | 408          | rVV2     | 3607318        | 4832601       | 12.51%          | 0.635%        |
| 15        | 6.762       | 408           | 409         | 414          | rVV3     | 2306790        | 3987360       | 10.32%          | 0.524%        |
| 16        | 6.865       | 414           | 418         | 422          | rVB2     | 5842677        | 10570102      | 27.35%          | 1.388%        |
| 17        | 6.990       | 422           | 429         | 431          | rBV4     | 3718811        | 9906199       | 25.63%          | 1.301%        |
| 18        | 7.036       | 431           | 433         | 434          | rVV2     | 3775040        | 4954368       | 12.82%          | 0.651%        |
| 19        | 7.070       | 434           | 436         | 437          | rVV      | 2253067        | 3109675       | 8.05%           | 0.408%        |
| 20        | 7.105       | 437           | 439         | 444          | rVB3     | 3644161        | 6382515       | 16.52%          | 0.838%        |
| 21        | 7.207       | 444           | 448         | 449          | rBV3     | 1643168        | 3654459       | 9.46%           | 0.480%        |
| 22        | 7.253       | 449           | 452         | 456          | rVV3     | 3765449        | 11469895      | 29.68%          | 1.506%        |
| 23        | 7.345       | 456           | 460         | 461          | rVV      | 10825607       | 22044773      | 57.05%          | 2.895%        |
| 24        | 7.367       | 461           | 462         | 464          | rVV2     | 2565322        | 3778043       | 9.78%           | 0.496%        |
| 25        | 7.436       | 464           | 468         | 470          | rVV3     | 2863776        | 6601037       | 17.08%          | 0.867%        |
| 26        | 7.527       | 470           | 476         | 478          | rVV4     | 5002332        | 12641875      | 32.71%          | 1.660%        |
| 27        | 7.585       | 478           | 481         | 482          | rVV2     | 709747         | 1505650       | 3.90%           | 0.198%        |
| 28        | 7.630       | 482           | 485         | 489          | rVV5     | 4270614        | 13061266      | 33.80%          | 1.715%        |
| 29        | 7.699       | 489           | 491         | 493          | rVV2     | 3252153        | 7172392       | 18.56%          | 0.942%        |
| 30        | 7.733       | 493           | 494         | 496          | rVV2     | 4907061        | 9697792       | 25.09%          | 1.273%        |
| 31        | 7.813       | 499           | 501         | 502          | rVV      | 4120208        | 6388796       | 16.53%          | 0.839%        |
| 32        | 7.882       | 505           | 507         | 508          | rVV      | 2041869        | 3301997       | 8.54%           | 0.434%        |
| 33        | 8.019       | 511           | 519         | 521          | rVV3     | 11495406       | 38644355      | 100.00%         | 5.075%        |
| 34        | 8.088       | 523           | 525         | 531          | rVV2     | 7284511        | 17369448      | 44.95%          | 2.281%        |

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 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 BLFS-RL01

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-BF020116.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|    |        |     |     |     |      |          |          |        |        |
|----|--------|-----|-----|-----|------|----------|----------|--------|--------|
| 35 | 8.225  | 531 | 537 | 538 | rVV5 | 3519922  | 12455064 | 32.23% | 1.636% |
| 36 | 8.259  | 538 | 540 | 541 | rVV  | 2077883  | 3912593  | 10.12% | 0.514% |
| 37 | 8.305  | 541 | 544 | 548 | rVV4 | 4967623  | 16534524 | 42.79% | 2.171% |
| 38 | 8.373  | 548 | 550 | 551 | rVV2 | 4211095  | 7150588  | 18.50% | 0.939% |
| 39 | 8.408  | 551 | 553 | 554 | rVV2 | 5132529  | 7752285  | 20.06% | 1.018% |
| 40 | 8.453  | 554 | 557 | 561 | rVV  | 8973114  | 21162407 | 54.76% | 2.779% |
| 41 | 8.522  | 561 | 563 | 564 | rVV  | 5641772  | 7443497  | 19.26% | 0.977% |
| 42 | 8.556  | 564 | 566 | 568 | rVV3 | 3306306  | 6840849  | 17.70% | 0.898% |
| 43 | 8.636  | 568 | 573 | 574 | rVV  | 11094899 | 26168467 | 67.72% | 3.436% |
| 44 | 8.682  | 574 | 577 | 578 | rVV3 | 4673953  | 10448884 | 27.04% | 1.372% |
| 45 | 8.716  | 578 | 580 | 583 | rVV2 | 6508314  | 14690106 | 38.01% | 1.929% |
| 46 | 8.773  | 583 | 585 | 586 | rVV2 | 1908910  | 3648237  | 9.44%  | 0.479% |
| 47 | 8.830  | 586 | 590 | 593 | rVV3 | 6380185  | 16950034 | 43.86% | 2.226% |
| 48 | 8.922  | 595 | 598 | 600 | rVV4 | 4505115  | 12497329 | 32.34% | 1.641% |
| 49 | 8.979  | 602 | 603 | 605 | rVV  | 4707158  | 6752941  | 17.47% | 0.887% |
| 50 | 9.048  | 605 | 609 | 611 | rVV3 | 6680363  | 16928099 | 43.80% | 2.223% |
| 51 | 9.082  | 611 | 612 | 615 | rVV2 | 3434291  | 5428299  | 14.05% | 0.713% |
| 52 | 9.208  | 617 | 623 | 624 | rVV2 | 9954675  | 27186898 | 70.35% | 3.570% |
| 53 | 9.230  | 624 | 625 | 627 | rVV2 | 3257837  | 5874971  | 15.20% | 0.771% |
| 54 | 9.288  | 629 | 630 | 632 | rVV2 | 3434645  | 4465967  | 11.56% | 0.586% |
| 55 | 9.368  | 633 | 637 | 638 | rVV  | 5910001  | 10671765 | 27.62% | 1.401% |
| 56 | 9.436  | 638 | 643 | 646 | rVV2 | 7092862  | 19970061 | 51.68% | 2.622% |
| 57 | 9.505  | 646 | 649 | 652 | rVV2 | 7164266  | 17188494 | 44.48% | 2.257% |
| 58 | 9.550  | 652 | 653 | 655 | rVV2 | 4493752  | 5425945  | 14.04% | 0.713% |
| 59 | 9.630  | 658 | 660 | 663 | rVB2 | 2750009  | 3352247  | 8.67%  | 0.440% |
| 60 | 9.676  | 663 | 664 | 665 | rBV  | 1903417  | 1849012  | 4.78%  | 0.243% |
| 61 | 9.722  | 665 | 668 | 669 | rVV  | 8241376  | 11348278 | 29.37% | 1.490% |
| 62 | 9.745  | 669 | 670 | 673 | rVB3 | 2665456  | 3498193  | 9.05%  | 0.459% |
| 63 | 9.871  | 679 | 681 | 683 | rVB  | 3940629  | 5845035  | 15.13% | 0.768% |
| 64 | 9.939  | 683 | 687 | 688 | rVV3 | 1998067  | 5067292  | 13.11% | 0.665% |
| 65 | 9.973  | 688 | 690 | 691 | rVV2 | 4918107  | 7189196  | 18.60% | 0.944% |
| 66 | 10.008 | 691 | 693 | 697 | rVV3 | 4079035  | 10778692 | 27.89% | 1.415% |
| 67 | 10.088 | 697 | 700 | 701 | rVV2 | 2787901  | 4689027  | 12.13% | 0.616% |
| 68 | 10.111 | 701 | 702 | 705 | rVV3 | 3519673  | 3808033  | 9.85%  | 0.500% |
| 69 | 10.213 | 705 | 711 | 712 | rVV3 | 8551378  | 16467906 | 42.61% | 2.163% |
| 70 | 10.259 | 712 | 715 | 717 | rVB3 | 1712973  | 2985665  | 7.73%  | 0.392% |
| 71 | 10.305 | 717 | 719 | 720 | rBV  | 2088583  | 2444548  | 6.33%  | 0.321% |

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 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 BLFS-RL01

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-BF020116.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|     |        |     |     |     |      |         |          |        |        |
|-----|--------|-----|-----|-----|------|---------|----------|--------|--------|
| 72  | 10.328 | 720 | 721 | 723 | rVV2 | 1820205 | 3013471  | 7.80%  | 0.396% |
| 73  | 10.419 | 727 | 729 | 732 | rVV  | 6023650 | 9073007  | 23.48% | 1.191% |
| 74  | 10.499 | 735 | 736 | 738 | rBV2 | 2326066 | 3310458  | 8.57%  | 0.435% |
| 75  | 10.533 | 738 | 739 | 742 | rVB2 | 3278058 | 5034590  | 13.03% | 0.661% |
| 76  | 10.579 | 742 | 743 | 746 | rVB3 | 1653923 | 2306811  | 5.97%  | 0.303% |
| 77  | 10.682 | 749 | 752 | 756 | rVB2 | 7726648 | 16571397 | 42.88% | 2.176% |
| 78  | 10.739 | 756 | 757 | 760 | rBV2 | 985054  | 1535825  | 3.97%  | 0.202% |
| 79  | 10.876 | 765 | 769 | 772 | rBV6 | 2313556 | 7130316  | 18.45% | 0.936% |
| 80  | 11.002 | 777 | 780 | 782 | rVB4 | 2210543 | 3556966  | 9.20%  | 0.467% |
| 81  | 11.128 | 785 | 791 | 792 | rBV  | 7342268 | 11676083 | 30.21% | 1.533% |
| 82  | 11.265 | 798 | 803 | 804 | rBV2 | 2441092 | 3961602  | 10.25% | 0.520% |
| 83  | 11.288 | 804 | 805 | 808 | rVB3 | 1162203 | 1814328  | 4.69%  | 0.238% |
| 84  | 11.356 | 808 | 811 | 812 | rBV3 | 1588194 | 2008757  | 5.20%  | 0.264% |
| 85  | 11.494 | 822 | 823 | 825 | rVB2 | 1685929 | 1370410  | 3.55%  | 0.180% |
| 86  | 11.551 | 825 | 828 | 830 | rVB  | 6856250 | 8543653  | 22.11% | 1.122% |
| 87  | 11.734 | 842 | 844 | 846 | rVV  | 1910829 | 3486575  | 9.02%  | 0.458% |
| 88  | 11.768 | 846 | 847 | 848 | rVV  | 3346764 | 2551896  | 6.60%  | 0.335% |
| 89  | 11.848 | 851 | 854 | 858 | rVB5 | 2598393 | 6554131  | 16.96% | 0.861% |
| 90  | 11.951 | 861 | 863 | 865 | rBV  | 6737416 | 7024278  | 18.18% | 0.922% |
| 91  | 12.099 | 874 | 876 | 880 | rVB3 | 1237446 | 1853443  | 4.80%  | 0.243% |
| 92  | 12.179 | 880 | 883 | 884 | rBV2 | 1462268 | 2468429  | 6.39%  | 0.324% |
| 93  | 12.214 | 884 | 886 | 890 | rVV2 | 1809368 | 3791196  | 9.81%  | 0.498% |
| 94  | 12.282 | 890 | 892 | 894 | rVV  | 2956840 | 3871420  | 10.02% | 0.508% |
| 95  | 12.328 | 894 | 896 | 898 | rVV2 | 4891961 | 7306482  | 18.91% | 0.959% |
| 96  | 12.602 | 918 | 920 | 924 | rVB3 | 707372  | 1680206  | 4.35%  | 0.221% |
| 97  | 12.705 | 926 | 929 | 930 | rVV2 | 3925567 | 5587641  | 14.46% | 0.734% |
| 98  | 12.819 | 936 | 939 | 941 | rBV  | 3834555 | 5006487  | 12.96% | 0.657% |
| 99  | 13.048 | 957 | 959 | 961 | rVB  | 3143048 | 3218823  | 8.33%  | 0.423% |
| 100 | 13.391 | 987 | 989 | 991 | rBV  | 2437484 | 2189798  | 5.67%  | 0.288% |

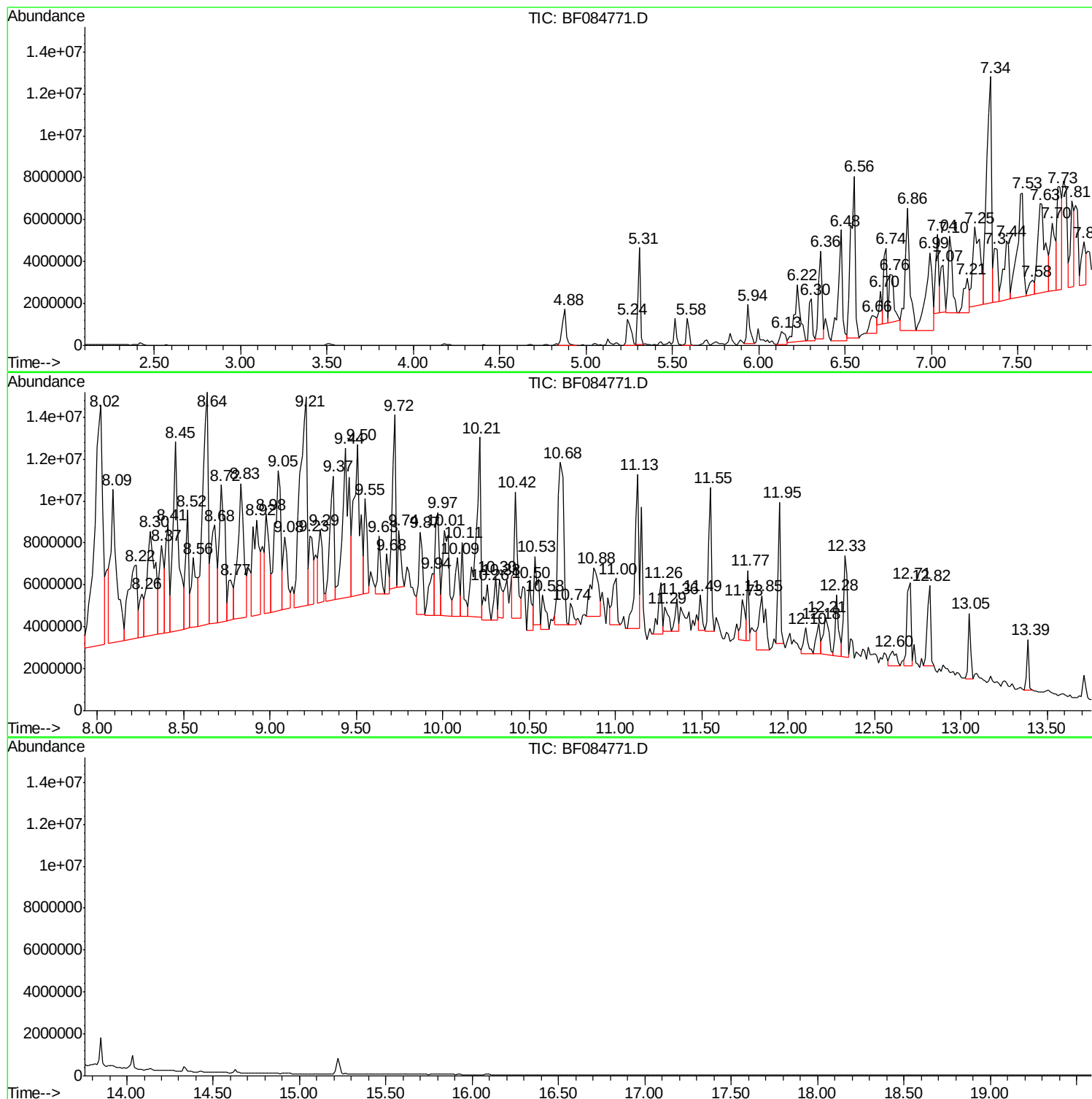
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Instrument :  
BNA\_F  
ClientSampled :  
BLFS-RL01

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF020116.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\BF020216\  
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Acq On : 3 Feb 2016 4:22  
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Sample : H1306-04  
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Instrument :  
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BLFS-RL01

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF020116.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

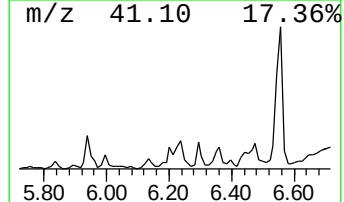
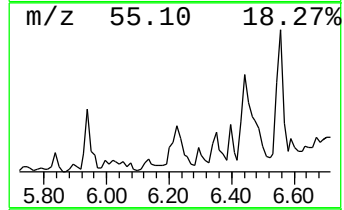
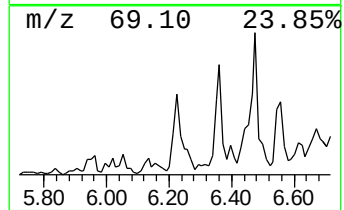
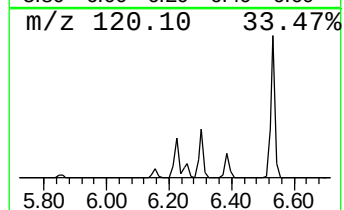
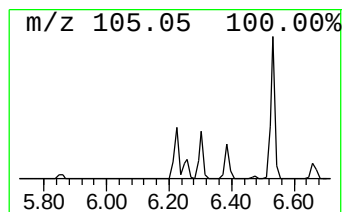
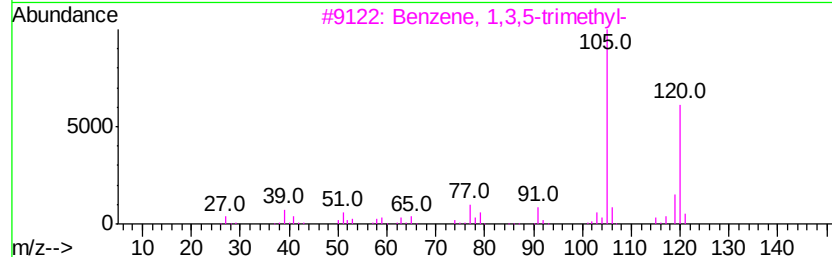
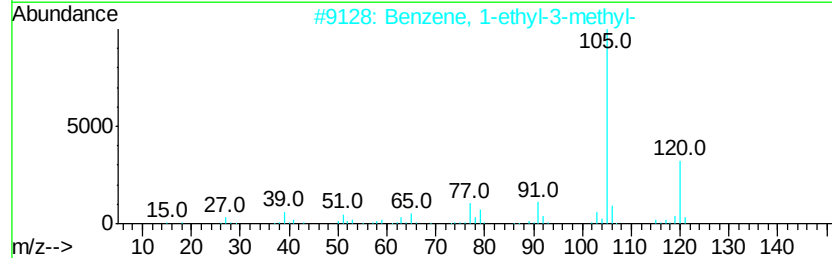
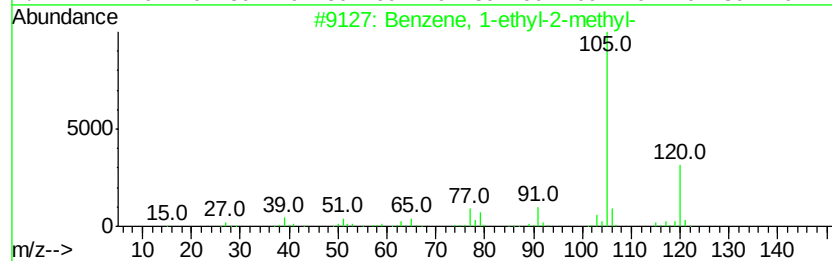
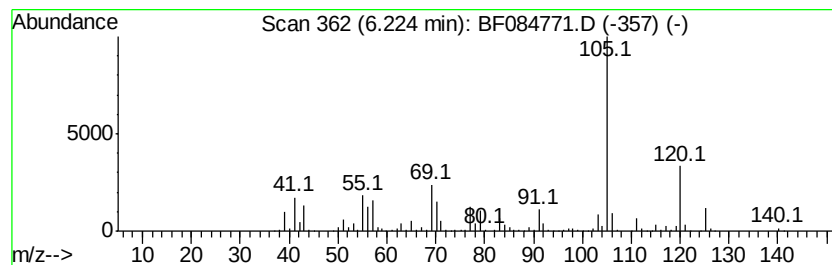
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 Benzene, 1-ethyl-2-methyl- Concentration Rank 12

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 6.22 | 63.76 ng | 6357020 | 1,4-Dichlorobenzene-d4 | 6.70 |

| Hit# | of | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|----------------------------|-----|---------|-------------|------|
| 1    | 5  | Benzene, 1-ethyl-2-methyl- | 120 | C9H12   | 000611-14-3 | 94   |
| 2    |    | Benzene, 1-ethyl-3-methyl- | 120 | C9H12   | 000620-14-4 | 94   |
| 3    |    | Benzene, 1,3,5-trimethyl-  | 120 | C9H12   | 000108-67-8 | 87   |
| 4    |    | Benzene, 1,2,3-trimethyl-  | 120 | C9H12   | 000526-73-8 | 87   |
| 5    |    | Benzene, 1-ethyl-4-methyl- | 120 | C9H12   | 000622-96-8 | 81   |



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Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF020116.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

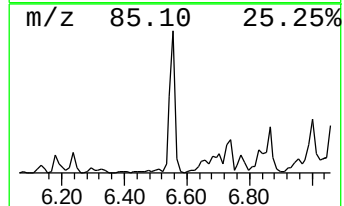
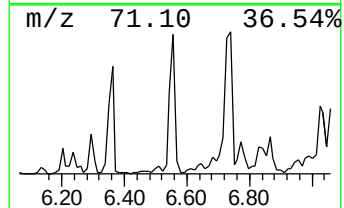
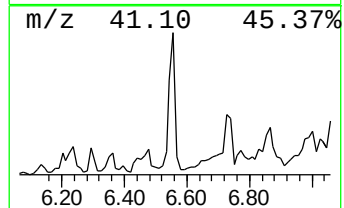
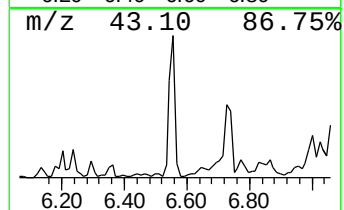
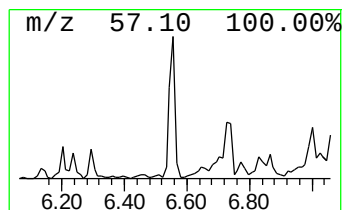
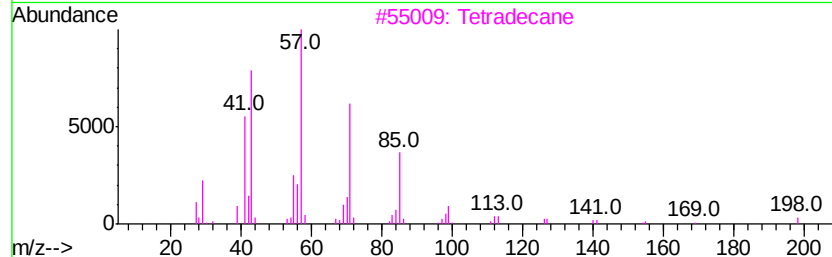
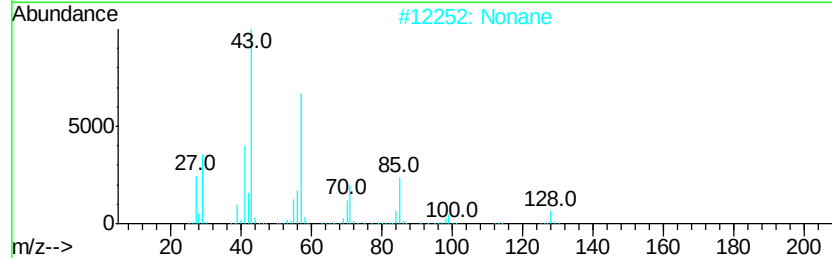
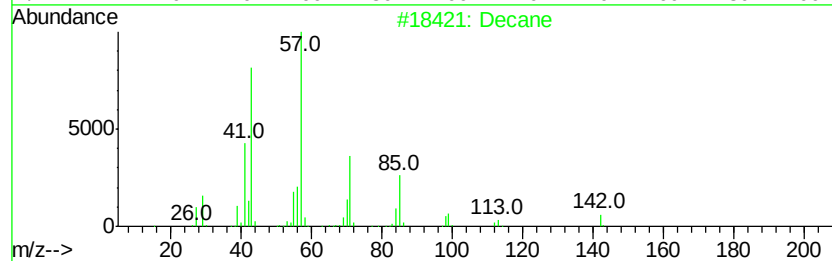
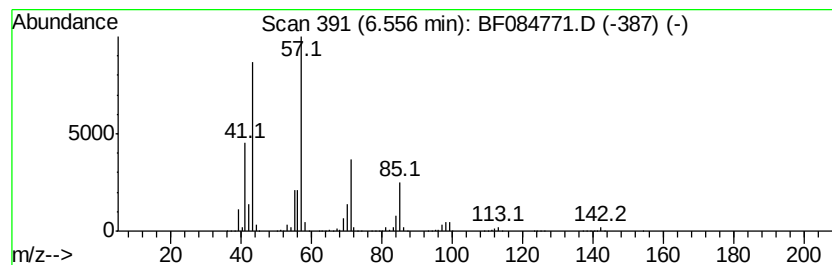
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 3 Decane Concentration Rank 2

| R.T. | EstConc   | Area     | Relative to ISTD       | R.T. |
|------|-----------|----------|------------------------|------|
| 6.56 | 144.15 ng | 14371800 | 1,4-Dichlorobenzene-d4 | 6.70 |

| Hit# of | 5           | Tentative ID | MW  | MolForm | CAS#        | Qual |
|---------|-------------|--------------|-----|---------|-------------|------|
| 1       | Decane      |              | 142 | C10H22  | 000124-18-5 | 94   |
| 2       | Nonane      |              | 128 | C9H20   | 000111-84-2 | 90   |
| 3       | Tetradecane |              | 198 | C14H30  | 000629-59-4 | 90   |
| 4       | Eicosane    |              | 282 | C20H42  | 000112-95-8 | 72   |
| 5       | Tridecane   |              | 184 | C13H28  | 000629-50-5 | 72   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF020216\  
Data File : BF084771.D  
Acq On : 3 Feb 2016 4:22  
Operator : SJ/IZ  
Sample : H1306-04  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampled :  
BLFS-RL01

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

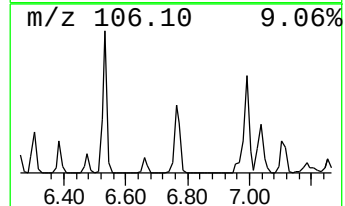
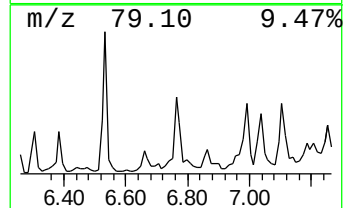
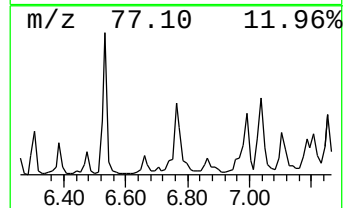
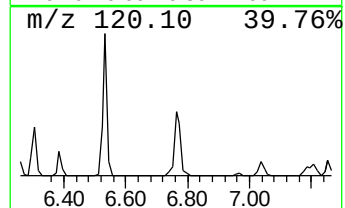
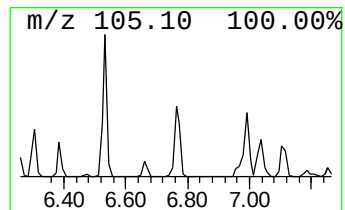
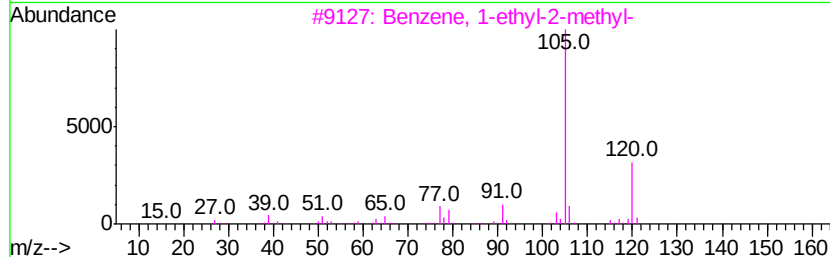
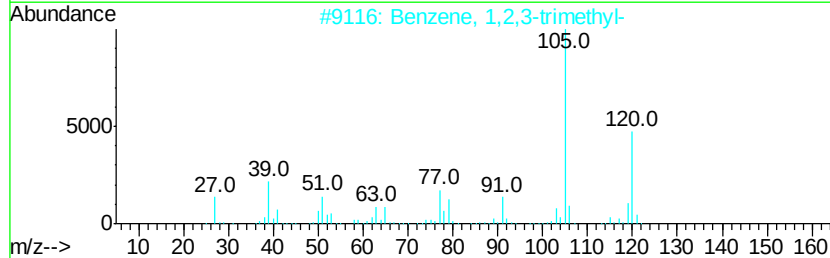
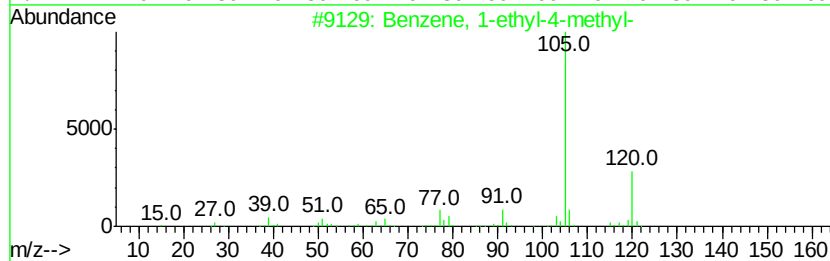
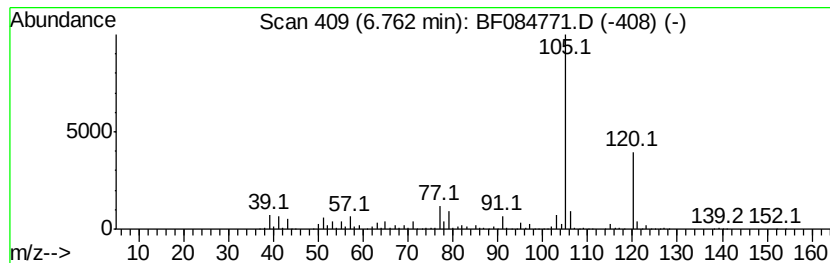
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TIC Integration Parameters: LSCINT.P

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Peak Number 4 Benzene, 1-ethyl-4-methyl- Concentration Rank 20

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 6.76 | 39.99 ng | 3987360 | 1,4-Dichlorobenzene-d4 | 6.70 |

| Hit# | of | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|----------------------------|-----|---------|-------------|------|
| 1    | 5  | Benzene, 1-ethyl-4-methyl- | 120 | C9H12   | 000622-96-8 | 91   |
| 2    |    | Benzene, 1,2,3-trimethyl-  | 120 | C9H12   | 000526-73-8 | 91   |
| 3    |    | Benzene, 1-ethyl-2-methyl- | 120 | C9H12   | 000611-14-3 | 90   |
| 4    |    | Benzene, (1-methylethyl)-  | 120 | C9H12   | 000098-82-8 | 90   |
| 5    |    | Benzene, 1-ethyl-3-methyl- | 120 | C9H12   | 000620-14-4 | 90   |





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Acq On : 3 Feb 2016 4:22  
Operator : SJ/IZ  
Sample : H1306-04  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
BLFS-RL01

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF020116.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

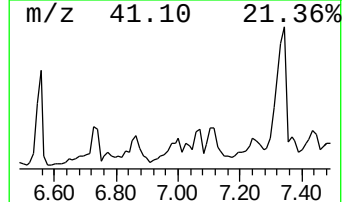
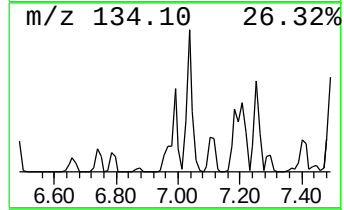
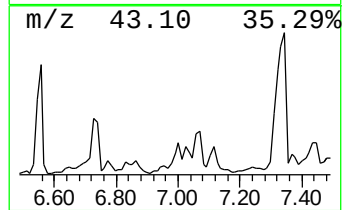
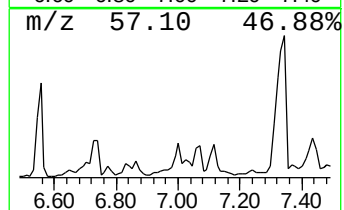
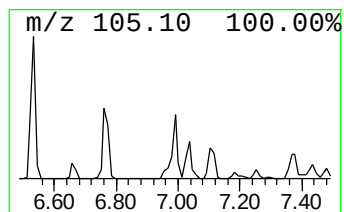
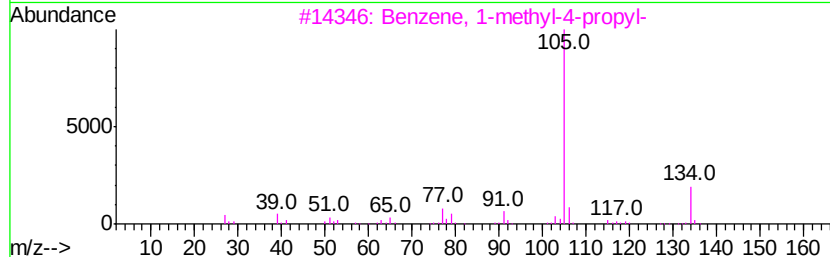
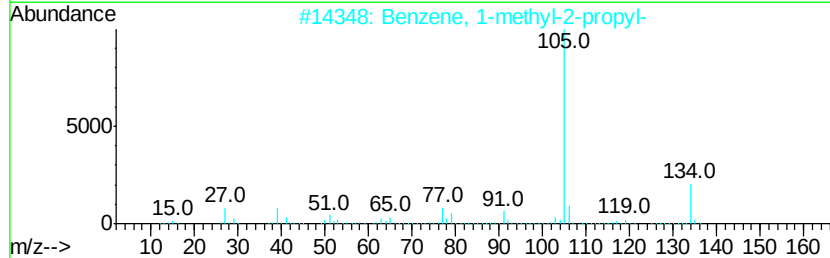
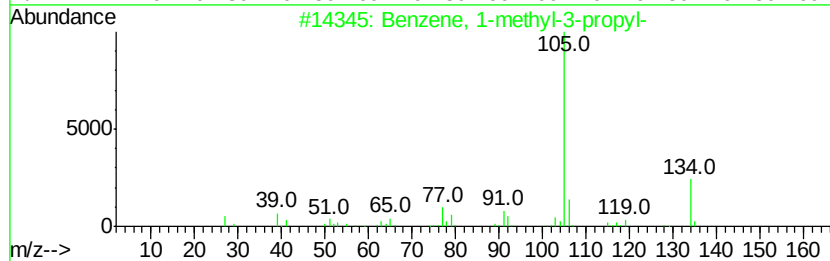
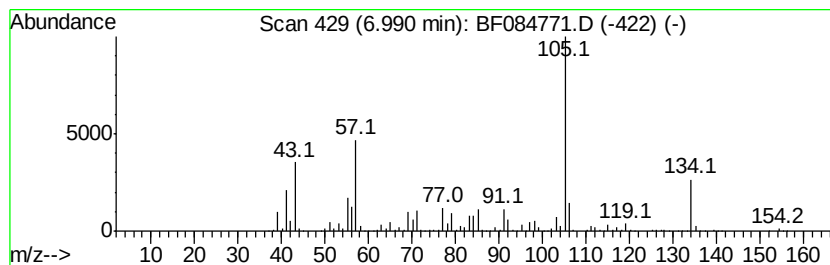
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TIC Integration Parameters: LSCINT.P

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Peak Number 6 Benzene, 1-methyl-3-propyl- Concentration Rank 5

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 6.99 | 99.36 ng | 9906200 | 1,4-Dichlorobenzene-d4 | 6.70 |

| Hit# | of | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|-----------------------------|-----|---------|-------------|------|
| 1    | 5  | Benzene, 1-methyl-3-propyl- | 134 | C10H14  | 001074-43-7 | 94   |
| 2    |    | Benzene, 1-methyl-2-propyl- | 134 | C10H14  | 001074-17-5 | 76   |
| 3    |    | Benzene, 1-methyl-4-propyl- | 134 | C10H14  | 001074-55-1 | 70   |
| 4    |    | Benzene, (1-methylpropyl)-  | 134 | C10H14  | 000135-98-8 | 70   |
| 5    |    | 2-Indanol                   | 134 | C9H10O  | 004254-29-9 | 53   |





Data Path : Z:\HPCHEM1\BNA F\DATA\BF020216\  
Data File : BF084771.D  
Acq On : 3 Feb 2016 4:22  
Operator : SJ/IZ  
Sample : H1306-04  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
BLFS-RL01

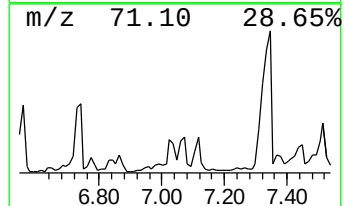
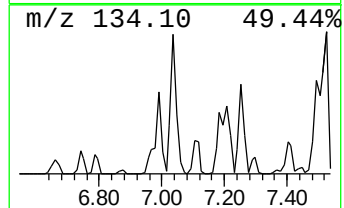
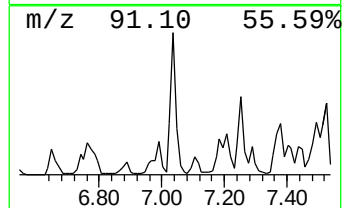
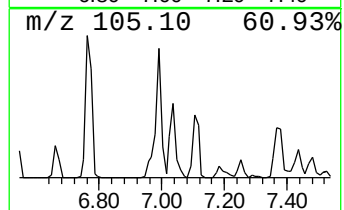
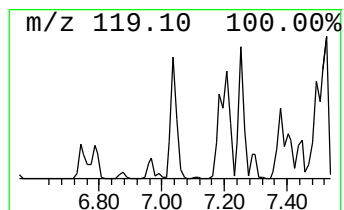
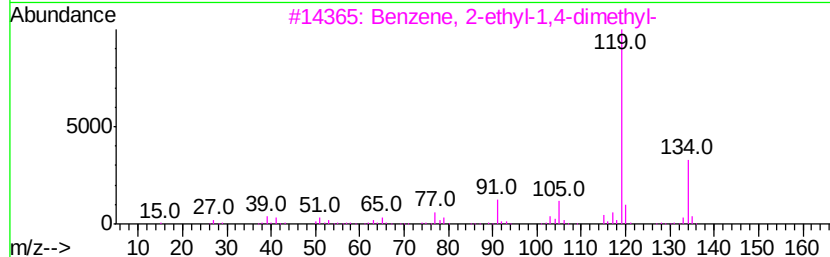
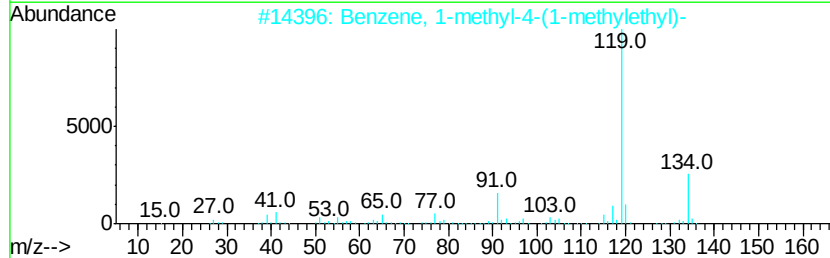
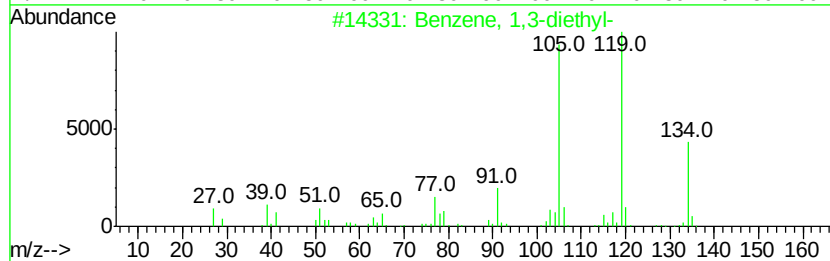
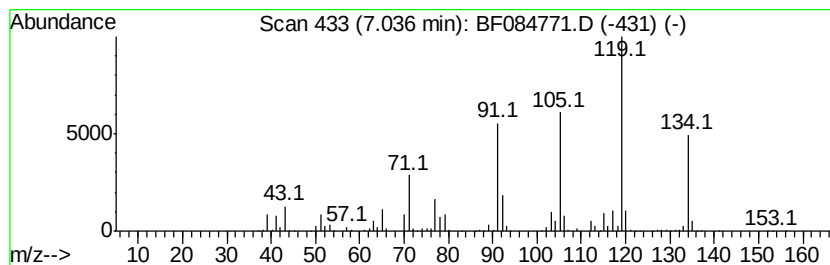
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 7 Benzene, 1,3-diethyl- Concentration Rank 17

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 7.04 | 49.69 ng | 4954370 | 1,4-Dichlorobenzene-d4 | 6.70 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------------|-----|---------|-------------|------|
| 1    | 5  | Benzene, 1,3-diethyl-               | 134 | C10H14  | 000141-93-5 | 95   |
| 2    |    | Benzene, 1-methyl-4-(1-methyleth... | 134 | C10H14  | 000099-87-6 | 93   |
| 3    |    | Benzene, 2-ethyl-1,4-dimethyl-      | 134 | C10H14  | 001758-88-9 | 91   |
| 4    |    | Benzene, 1,2-diethyl-               | 134 | C10H14  | 000135-01-3 | 90   |
| 5    |    | Benzene, 1,4-diethyl-               | 134 | C10H14  | 000105-05-5 | 90   |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF020216\  
Data File : BF084771.D  
Acq On : 3 Feb 2016 4:22  
Operator : SJ/IZ  
Sample : H1306-04  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
BLFS-RL01

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

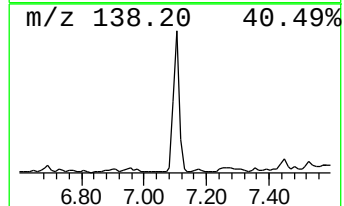
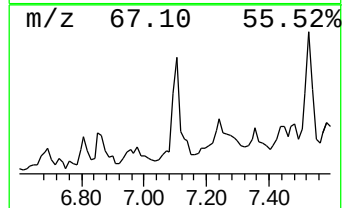
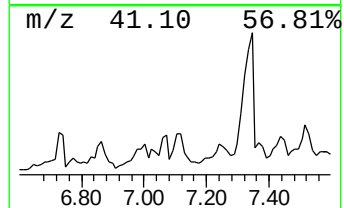
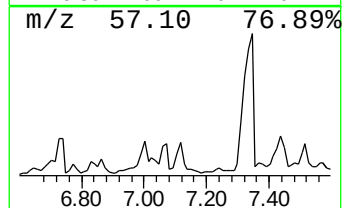
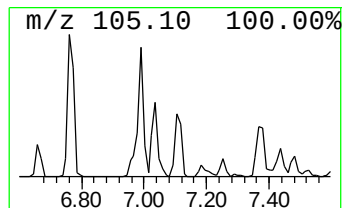
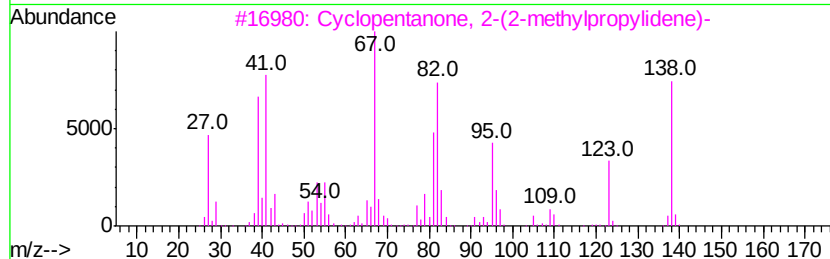
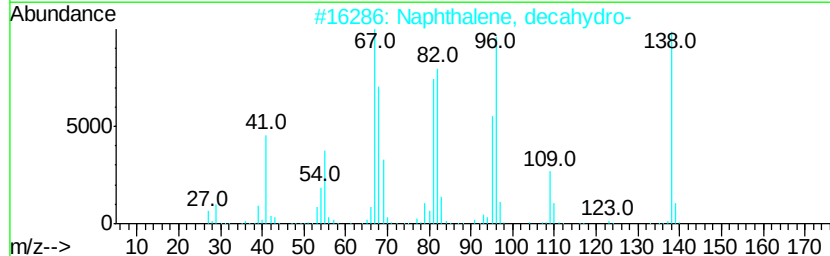
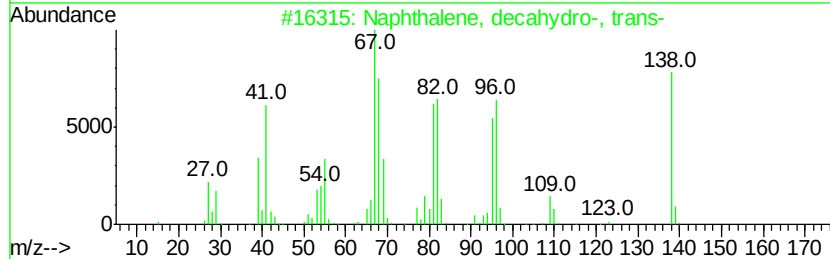
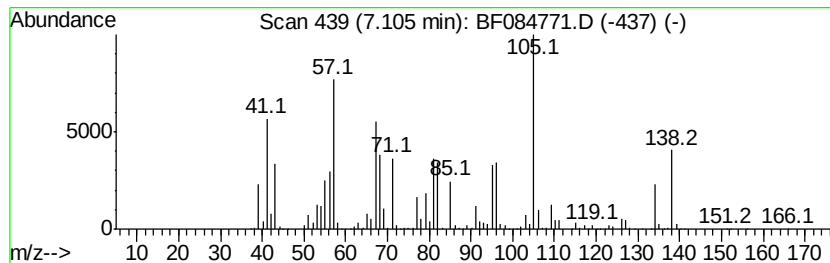
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 8 Naphthalene, decahydro-, tr... Concentration Rank 11

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 7.10 | 64.02 ng | 6382520 | 1,4-Dichlorobenzene-d4 | 6.70 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------------|-----|---------|-------------|------|
| 1    | 5  | Naphthalene, decahydro-, trans-     | 138 | C10H18  | 000493-02-7 | 64   |
| 2    |    | Naphthalene, decahydro-             | 138 | C10H18  | 000091-17-8 | 58   |
| 3    |    | Cyclopentanone, 2-(2-methylpropyl)- | 138 | C9H14O  | 016856-72-7 | 49   |
| 4    |    | Naphthalene, decahydro-, cis-       | 138 | C10H18  | 000493-01-6 | 46   |
| 5    |    | 4,5-Nonadiene                       | 124 | C9H16   | 000821-74-9 | 41   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF020216\  
Data File : BF084771.D  
Acq On : 3 Feb 2016 4:22  
Operator : SJ/IZ  
Sample : H1306-04  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
BLFS-RL01

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

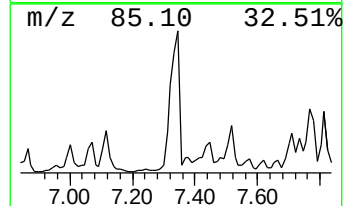
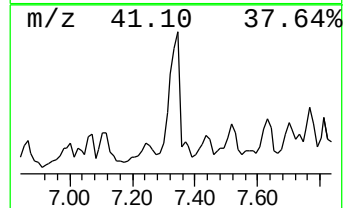
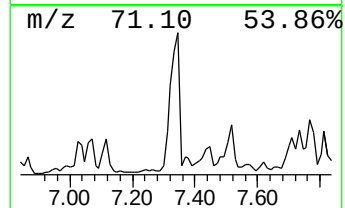
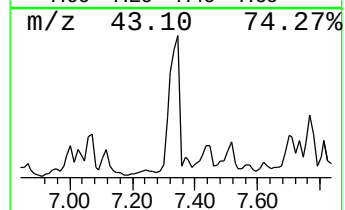
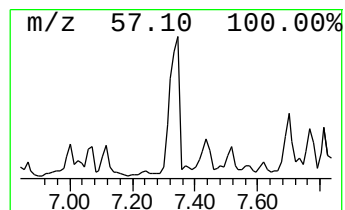
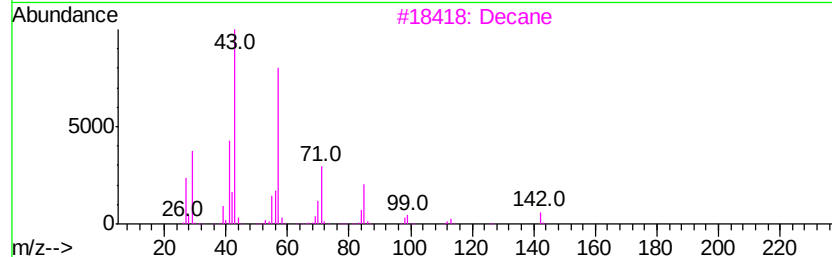
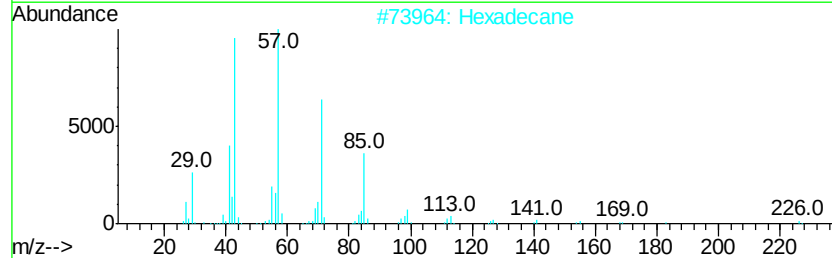
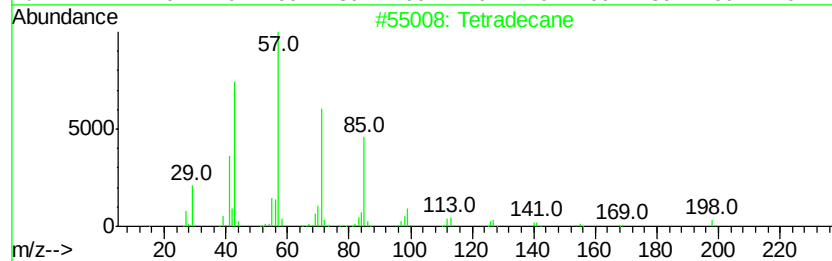
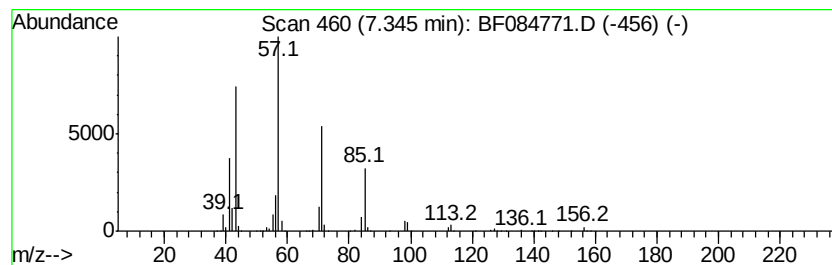
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TIC Integration Parameters: LSCINT.P

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Peak Number 9 Tetradecane Concentration Rank 1

| R.T. | EstConc   | Area     | Relative to ISTD       | R.T. |
|------|-----------|----------|------------------------|------|
| 7.34 | 221.11 ng | 22044800 | 1,4-Dichlorobenzene-d4 | 6.70 |

| Hit# | of | Tentative ID          | MW  | MolForm | CAS#         | Qual |
|------|----|-----------------------|-----|---------|--------------|------|
| 1    | 5  | Tetradecane           | 198 | C14H30  | 000629-59-4  | 83   |
| 2    |    | Hexadecane            | 226 | C16H34  | 000544-76-3  | 78   |
| 3    |    | Decane                | 142 | C10H22  | 000124-18-5  | 72   |
| 4    |    | Undecane              | 156 | C11H24  | 001120-21-4  | 70   |
| 5    |    | 1-Iodo-2-methylnonane | 268 | C10H21I | 1000101-47-9 | 64   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF020216\  
Data File : BF084771.D  
Acq On : 3 Feb 2016 4:22  
Operator : SJ/IZ  
Sample : H1306-04  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
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ClientSampleId :  
BLFS-RL01

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

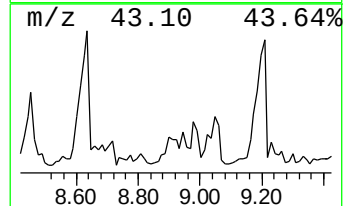
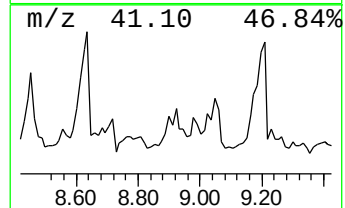
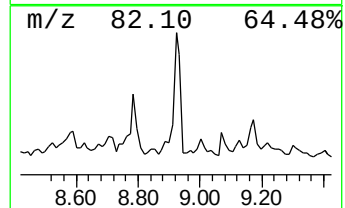
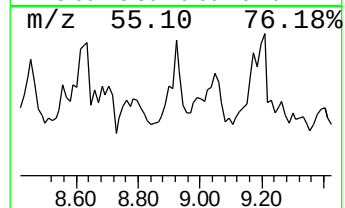
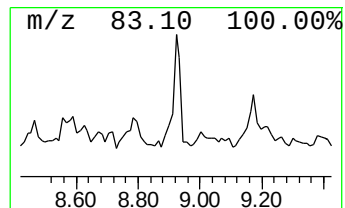
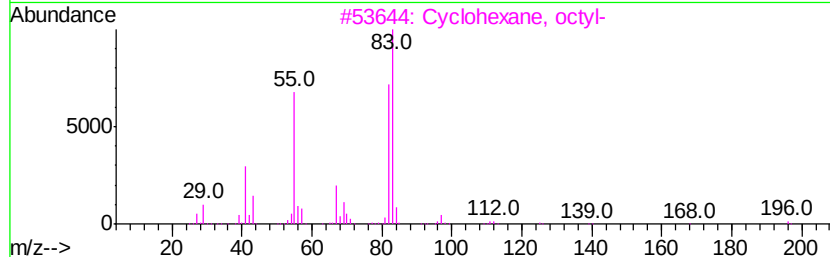
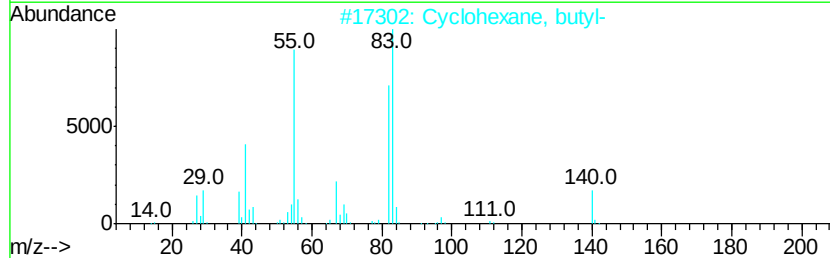
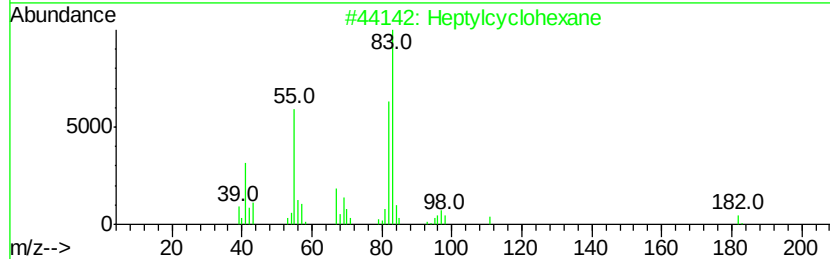
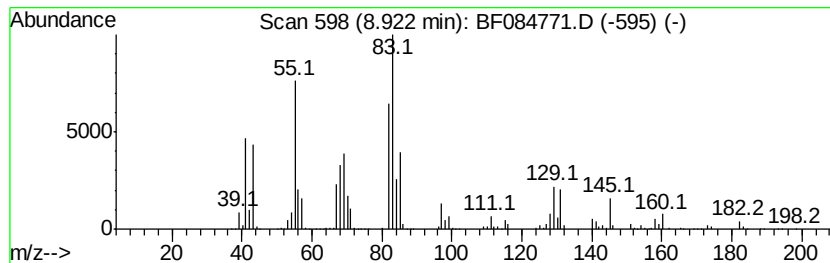
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TIC Integration Parameters: LSCINT.P

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Peak Number 10 unknown8.92 Concentration Rank 10

| R.T. | EstConc  | Area     | Relative to ISTD | R.T. |
|------|----------|----------|------------------|------|
| 8.92 | 71.45 ng | 12497300 | Acenaphthene-d10 | 9.76 |

| Hit# | of | Tentative ID         | MW  | MolForm | CAS#        | Qual |
|------|----|----------------------|-----|---------|-------------|------|
| 1    | 5  | Heptylcyclohexane    | 182 | C13H26  | 005617-41-4 | 49   |
| 2    |    | Cyclohexane, butyl-  | 140 | C10H20  | 001678-93-9 | 43   |
| 3    |    | Cyclohexane, octyl-  | 196 | C14H28  | 001795-15-9 | 43   |
| 4    |    | Cyclohexane, pentyl- | 154 | C11H22  | 004292-92-6 | 43   |
| 5    |    | n-Amylcyclohexane    | 154 | C11H22  | 029949-27-7 | 38   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF020216\  
Data File : BF084771.D  
Acq On : 3 Feb 2016 4:22  
Operator : SJ/IZ  
Sample : H1306-04  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampled :  
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

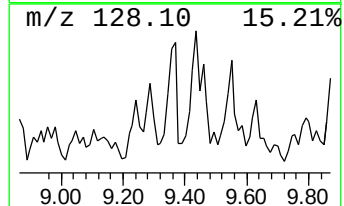
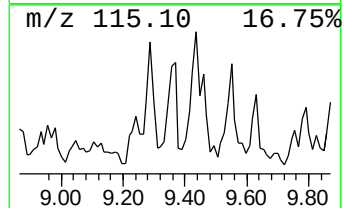
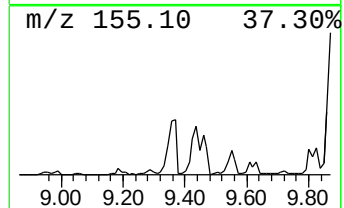
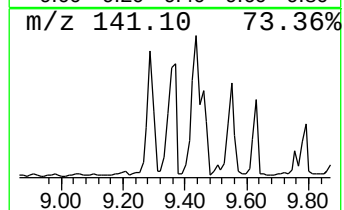
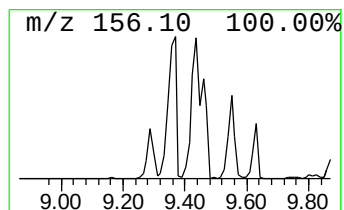
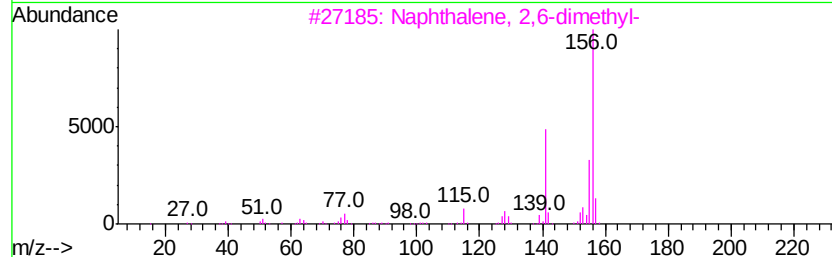
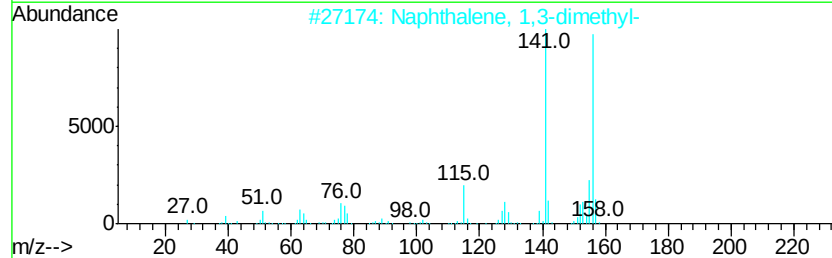
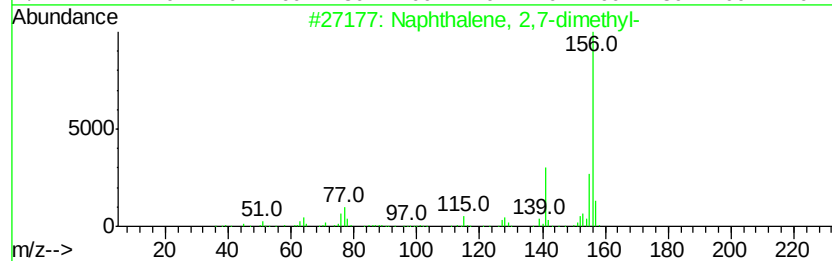
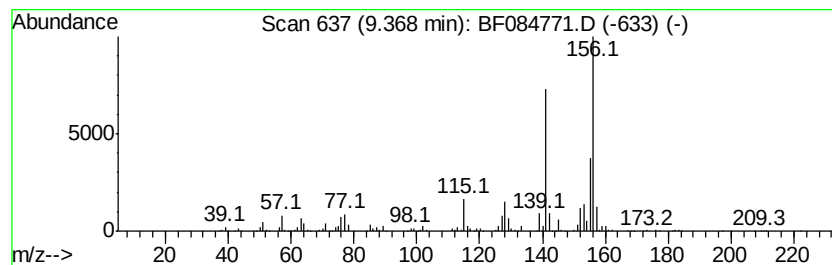
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 11 Naphthalene, 2,7-dimethyl- Concentration Rank 14

| R.T. | EstConc  | Area     | Relative to ISTD | R.T. |
|------|----------|----------|------------------|------|
| 9.37 | 61.01 ng | 10671800 | Acenaphthene-d10 | 9.76 |

| Hit# | of | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|----------------------------|-----|---------|-------------|------|
| 1    | 5  | Naphthalene, 2,7-dimethyl- | 156 | C12H12  | 000582-16-1 | 96   |
| 2    |    | Naphthalene, 1,3-dimethyl- | 156 | C12H12  | 000575-41-7 | 96   |
| 3    |    | Naphthalene, 2,6-dimethyl- | 156 | C12H12  | 000581-42-0 | 96   |
| 4    |    | Naphthalene, 2,3-dimethyl- | 156 | C12H12  | 000581-40-8 | 96   |
| 5    |    | Naphthalene, 1,5-dimethyl- | 156 | C12H12  | 000571-61-9 | 96   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF020216\  
Data File : BF084771.D  
Acq On : 3 Feb 2016 4:22  
Operator : SJ/IZ  
Sample : H1306-04  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
BLFS-RL01

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF020116.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

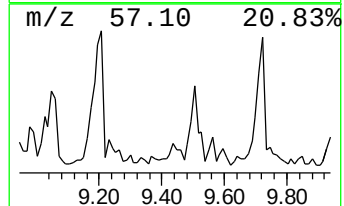
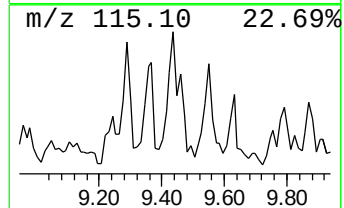
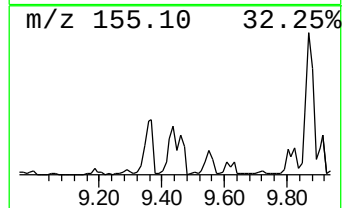
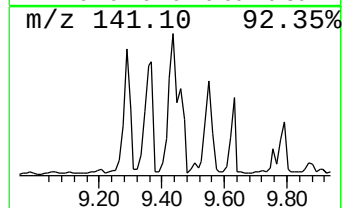
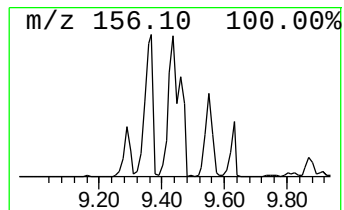
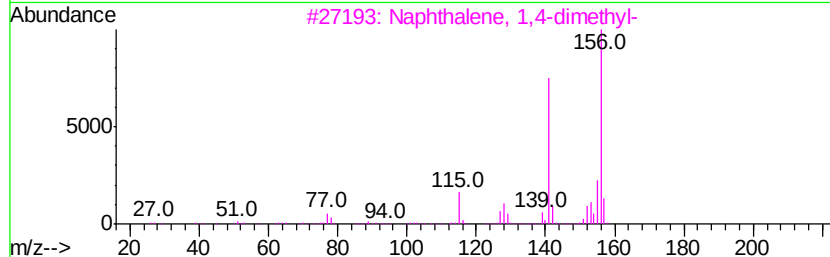
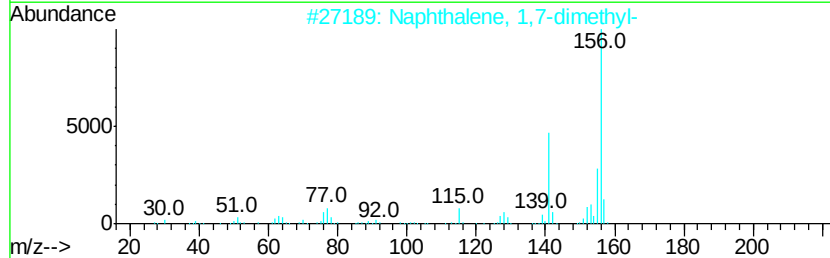
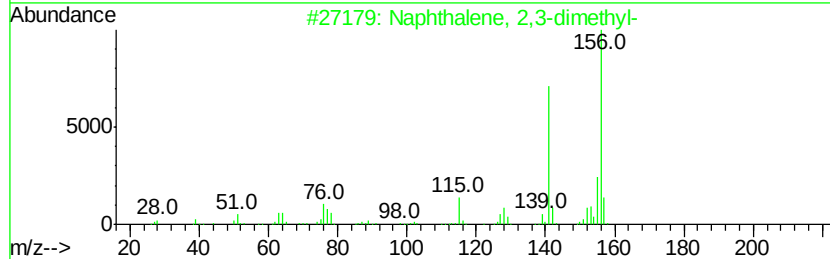
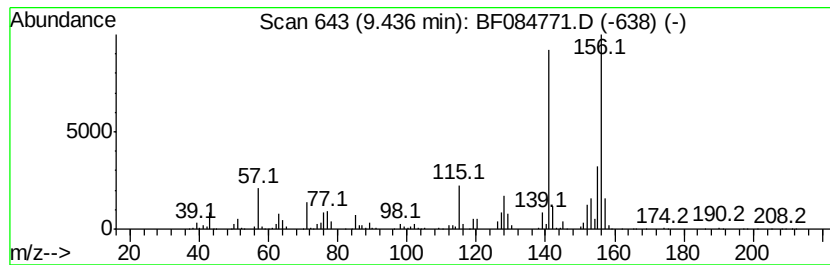
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 12 Naphthalene, 2,3-dimethyl- Concentration Rank 3

| R.T. | EstConc   | Area     | Relative to ISTD | R.T. |
|------|-----------|----------|------------------|------|
| 9.44 | 114.17 ng | 19970100 | Acenaphthene-d10 | 9.76 |

| Hit# | of | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|----------------------------|-----|---------|-------------|------|
| 1    | 5  | Naphthalene, 2,3-dimethyl- | 156 | C12H12  | 000581-40-8 | 97   |
| 2    |    | Naphthalene, 1,7-dimethyl- | 156 | C12H12  | 000575-37-1 | 96   |
| 3    |    | Naphthalene, 1,4-dimethyl- | 156 | C12H12  | 000571-58-4 | 96   |
| 4    |    | Naphthalene, 2,6-dimethyl- | 156 | C12H12  | 000581-42-0 | 96   |
| 5    |    | Naphthalene, 1,6-dimethyl- | 156 | C12H12  | 000575-43-9 | 96   |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF020216\  
Data File : BF084771.D  
Acq On : 3 Feb 2016 4:22  
Operator : SJ/IZ  
Sample : H1306-04  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
BLFS-RL01

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

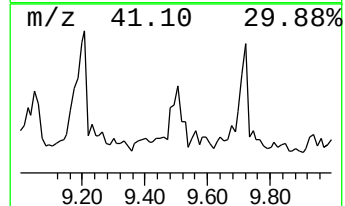
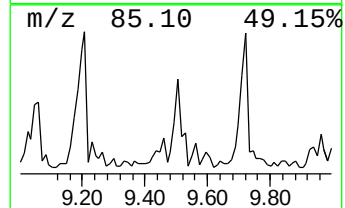
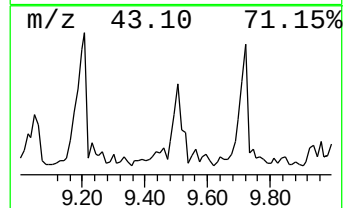
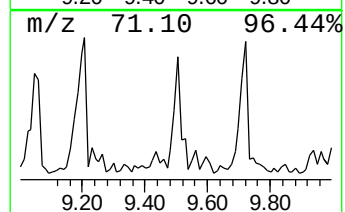
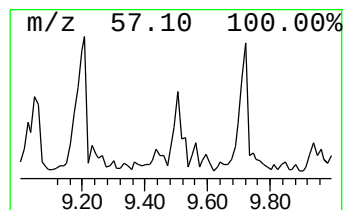
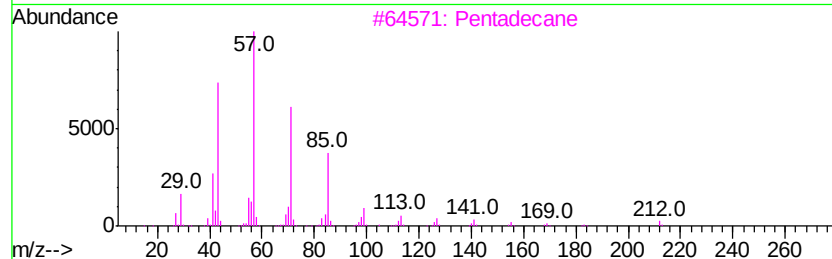
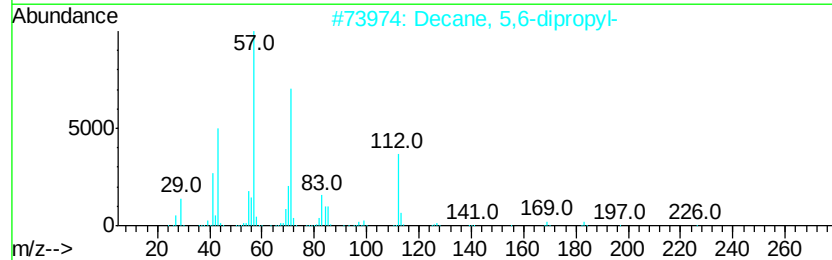
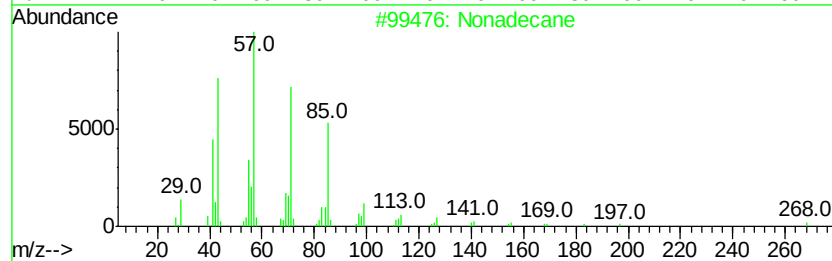
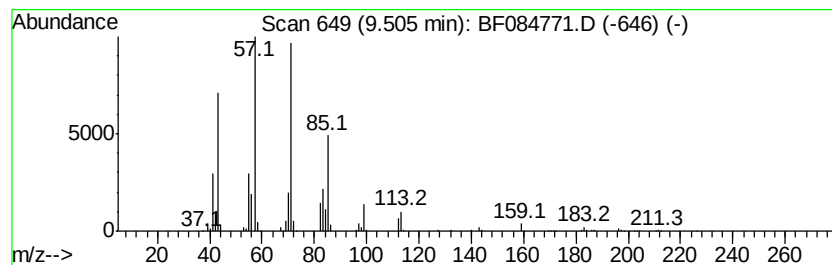
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 13 Nonadecane Concentration Rank 6

| R.T. | EstConc  | Area     | Relative to ISTD | R.T. |
|------|----------|----------|------------------|------|
| 9.50 | 98.27 ng | 17188500 | Acenaphthene-d10 | 9.76 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------------|-----|---------|-------------|------|
| 1    | 5  | Nonadecane                          | 268 | C19H40  | 000629-92-5 | 90   |
| 2    |    | Decane, 5,6-dipropyl-               | 226 | C16H34  | 119209-20-0 | 81   |
| 3    |    | Pentadecane                         | 212 | C15H32  | 000629-62-9 | 64   |
| 4    |    | Heptadecane, 2,6,10,15-tetramethyl- | 296 | C21H44  | 054833-48-6 | 64   |
| 5    |    | Dodecane                            | 170 | C12H26  | 000112-40-3 | 62   |





Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF020216\  
Data File : BF084771.D  
Acq On : 3 Feb 2016 4:22  
Operator : SJ/IZ  
Sample : H1306-04  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
BLFS-RL01

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF020116.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

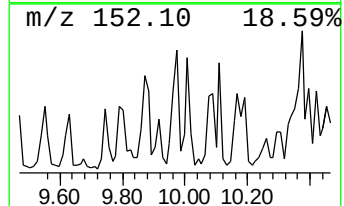
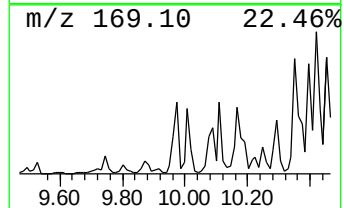
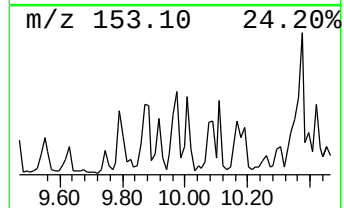
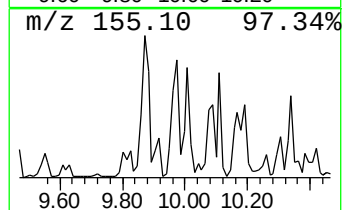
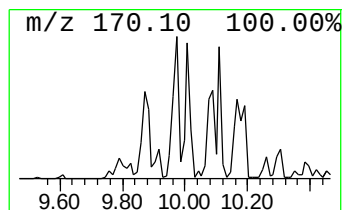
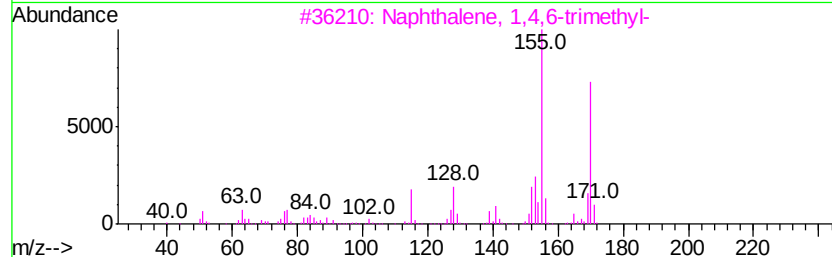
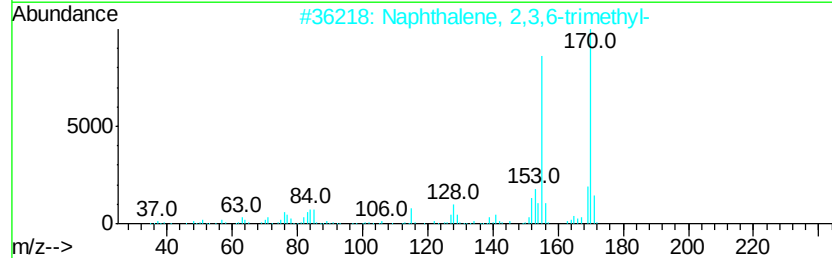
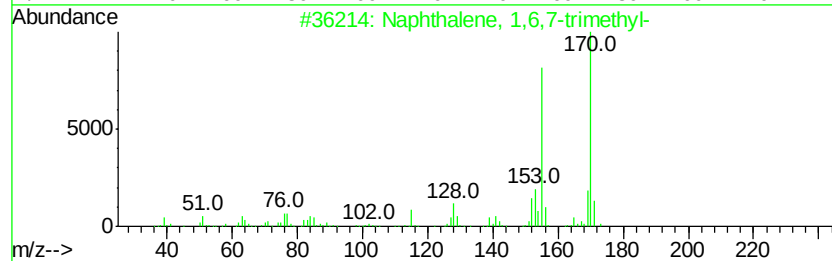
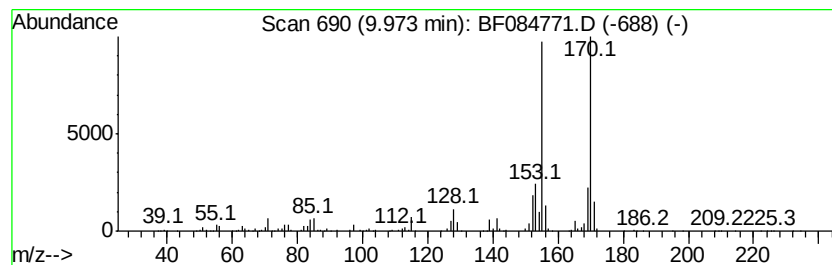
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 14 Naphthalene, 1,6,7-trimethyl- Concentration Rank 19

| R.T. | EstConc  | Area    | Relative to ISTD | R.T. |
|------|----------|---------|------------------|------|
| 9.97 | 41.10 ng | 7189200 | Acenaphthene-d10 | 9.76 |

| Hit# | of | Tentative ID                  | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------|-----|---------|-------------|------|
| 1    | 5  | Naphthalene, 1,6,7-trimethyl- | 170 | C13H14  | 002245-38-7 | 98   |
| 2    |    | Naphthalene, 2,3,6-trimethyl- | 170 | C13H14  | 000829-26-5 | 97   |
| 3    |    | Naphthalene, 1,4,6-trimethyl- | 170 | C13H14  | 002131-42-2 | 96   |
| 4    |    | Naphthalene, 1,4,5-trimethyl- | 170 | C13H14  | 002131-41-1 | 93   |
| 5    |    | Azulene, 4,6,8-trimethyl-     | 170 | C13H14  | 000941-81-1 | 93   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF020216\  
Data File : BF084771.D  
Acq On : 3 Feb 2016 4:22  
Operator : SJ/IZ  
Sample : H1306-04  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
BLFS-RL01

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF020116.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

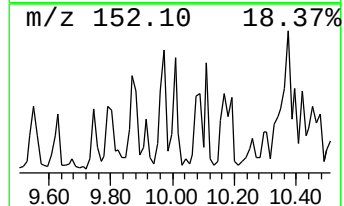
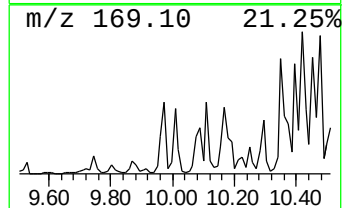
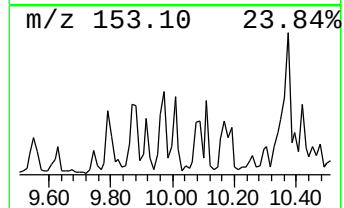
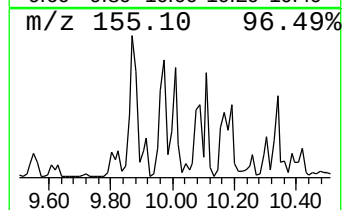
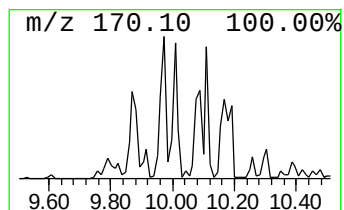
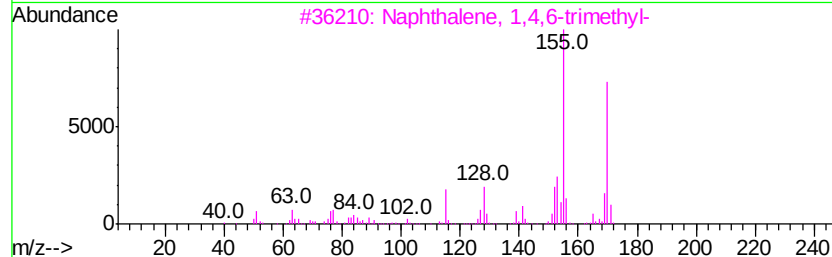
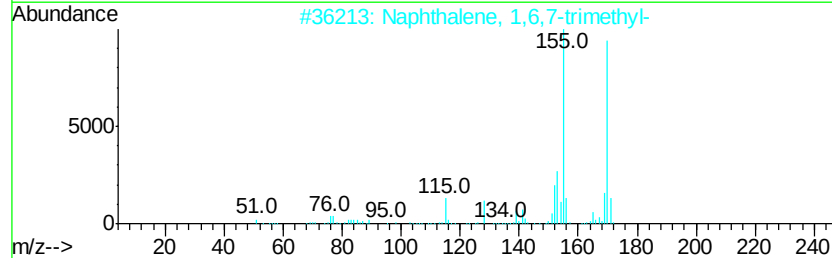
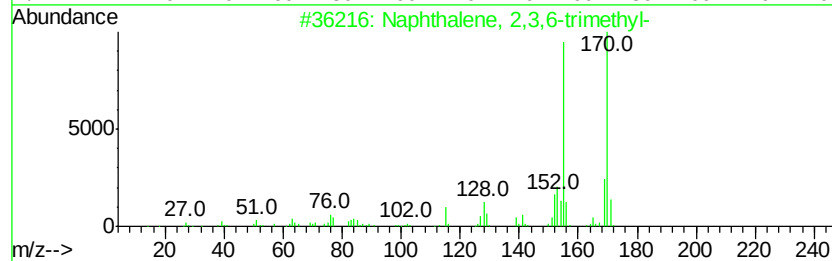
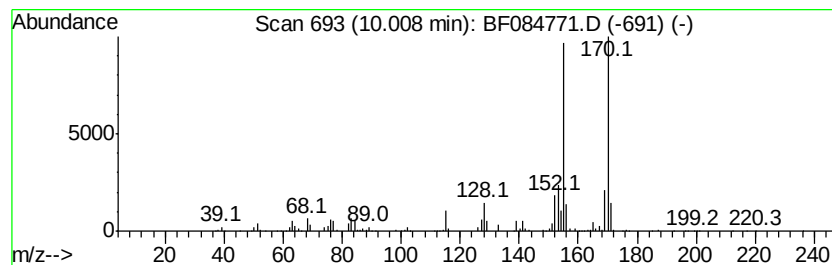
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 15 Naphthalene, 2,3,6-trimethyl- Concentration Rank 13

| R.T.  | EstConc  | Area     | Relative to ISTD | R.T. |
|-------|----------|----------|------------------|------|
| 10.01 | 61.62 ng | 10778700 | Acenaphthene-d10 | 9.76 |

| Hit# | of | Tentative ID                  | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------|-----|---------|-------------|------|
| 1    | 5  | Naphthalene, 2,3,6-trimethyl- | 170 | C13H14  | 000829-26-5 | 98   |
| 2    |    | Naphthalene, 1,6,7-trimethyl- | 170 | C13H14  | 002245-38-7 | 96   |
| 3    |    | Naphthalene, 1,4,6-trimethyl- | 170 | C13H14  | 002131-42-2 | 96   |
| 4    |    | Naphthalene, 1,4,5-trimethyl- | 170 | C13H14  | 002131-41-1 | 93   |
| 5    |    | Azulene, 4,6,8-trimethyl-     | 170 | C13H14  | 000941-81-1 | 93   |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF020216\  
Data File : BF084771.D  
Acq On : 3 Feb 2016 4:22  
Operator : SJ/IZ  
Sample : H1306-04  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

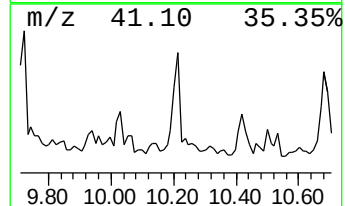
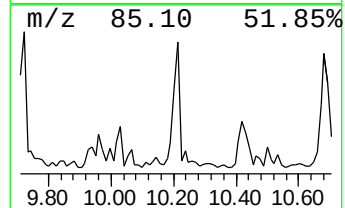
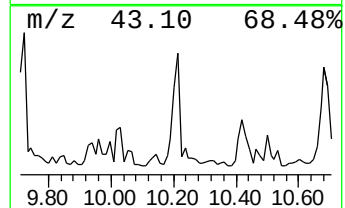
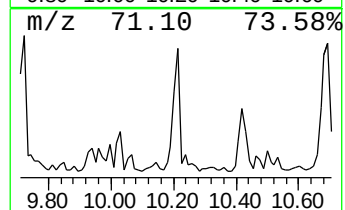
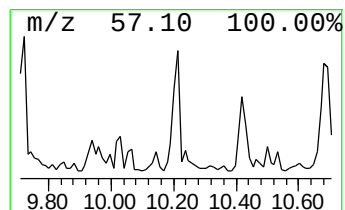
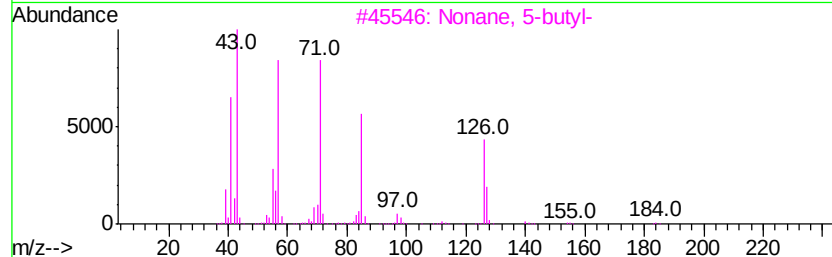
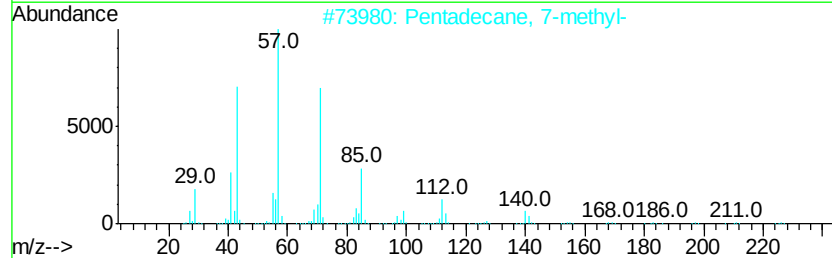
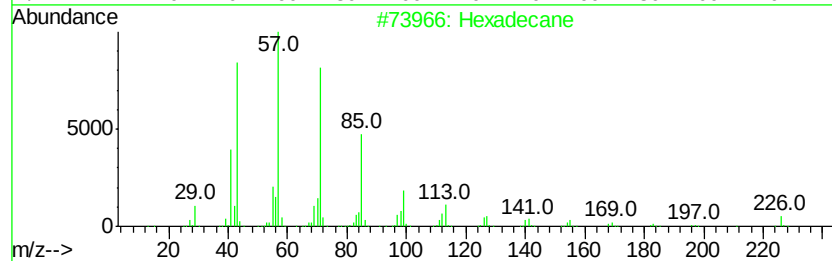
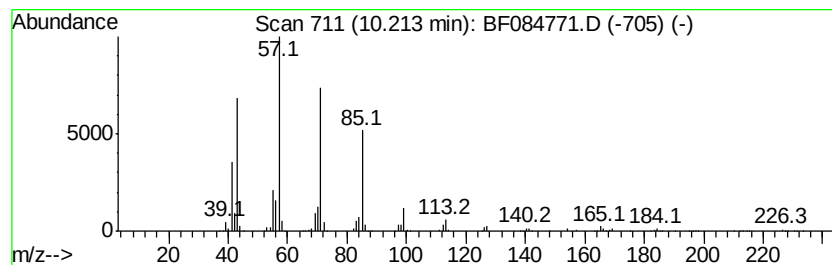
Instrument :  
BNA\_F  
ClientSampleId :  
BLFS-RL01

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.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 Hexadecane Concentration Rank 7

| R.T.    | EstConc                | Area         | Relative to ISTD | R.T.      |
|---------|------------------------|--------------|------------------|-----------|
| 10.21   | 94.15 ng               | 16467900     | Acenaphthene-d10 | 9.76      |
| Hit# of | 5                      | Tentative ID | MW MolForm       | CAS# Qual |
| 1       | Hexadecane             | 226 C16H34   | 000544-76-3      | 91        |
| 2       | Pentadecane, 7-methyl- | 226 C16H34   | 006165-40-8      | 87        |
| 3       | Nonane, 5-butyl-       | 184 C13H28   | 017312-63-9      | 87        |
| 4       | Dodecane, 4-methyl-    | 184 C13H28   | 006117-97-1      | 87        |
| 5       | Dodecane, 1-iodo-      | 296 C12H25I  | 004292-19-7      | 86        |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF020216\  
Data File : BF084771.D  
Acq On : 3 Feb 2016 4:22  
Operator : SJ/IZ  
Sample : H1306-04  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

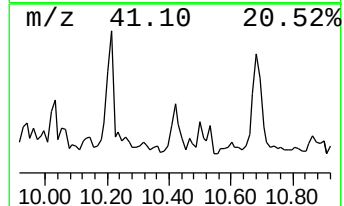
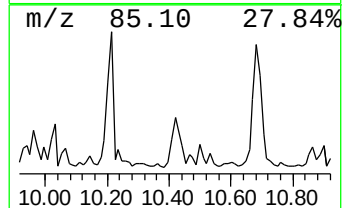
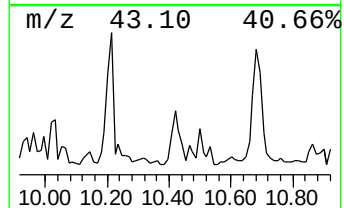
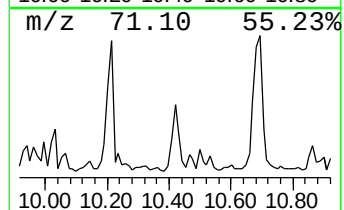
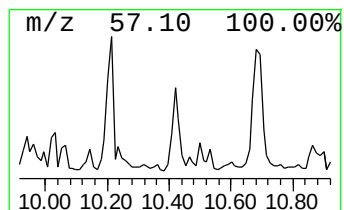
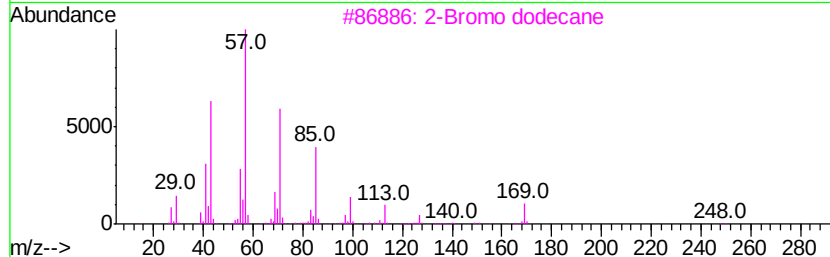
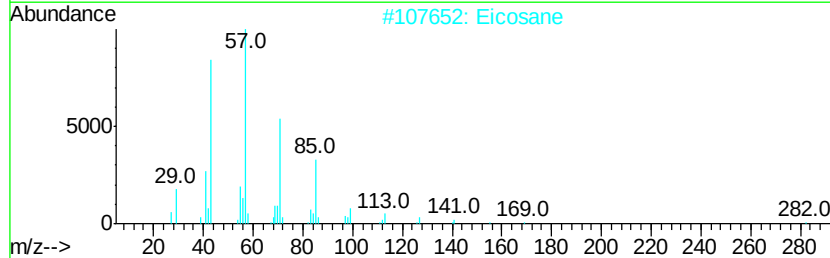
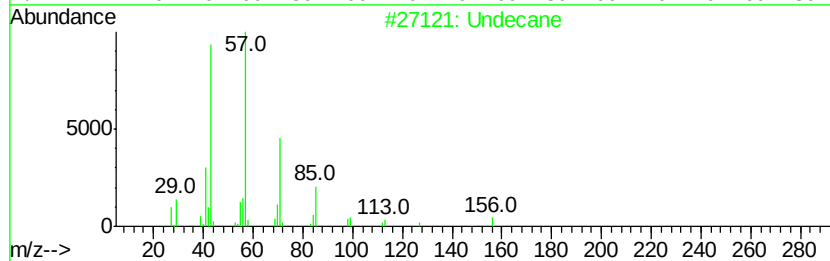
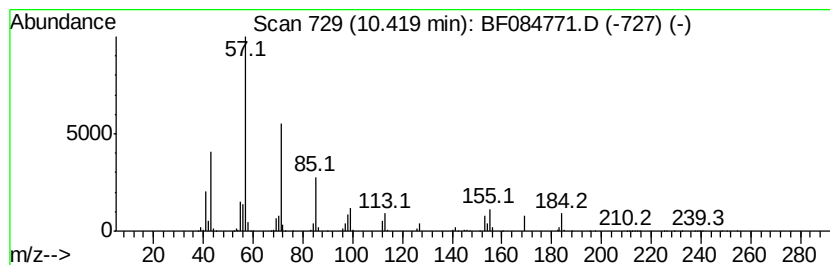
Instrument :  
BNA\_F  
ClientSampleId :  
BLFS-RL01

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 17 Undecane Concentration Rank 16

| R.T.    | EstConc                             | Area         | Relative to ISTD | R.T.      |
|---------|-------------------------------------|--------------|------------------|-----------|
| 10.42   | 51.87 ng                            | 9073010      | Acenaphthene-d10 | 9.76      |
| Hit# of | 5                                   | Tentative ID | MW MolForm       | CAS# Qual |
| 1       | Undecane                            | 156 C11H24   | 001120-21-4      | 74        |
| 2       | Eicosane                            | 282 C20H42   | 000112-95-8      | 59        |
| 3       | 2-Bromo dodecane                    | 248 C12H25Br | 013187-99-0      | 59        |
| 4       | Heptadecane, 2,6,10,15-tetramethyl- | 296 C21H44   | 054833-48-6      | 53        |
| 5       | Hexadecane                          | 226 C16H34   | 000544-76-3      | 53        |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF020216\  
Data File : BF084771.D  
Acq On : 3 Feb 2016 4:22  
Operator : SJ/IZ  
Sample : H1306-04  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

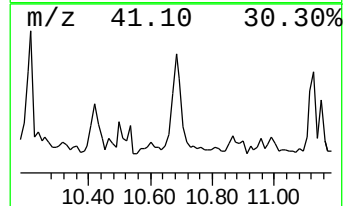
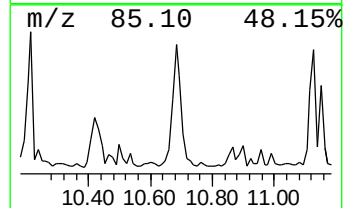
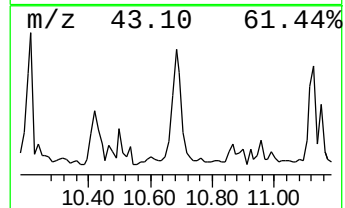
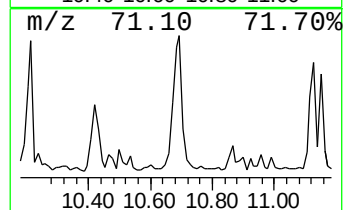
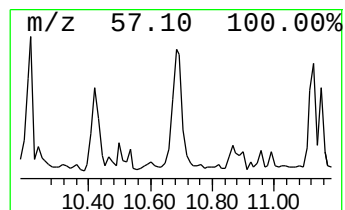
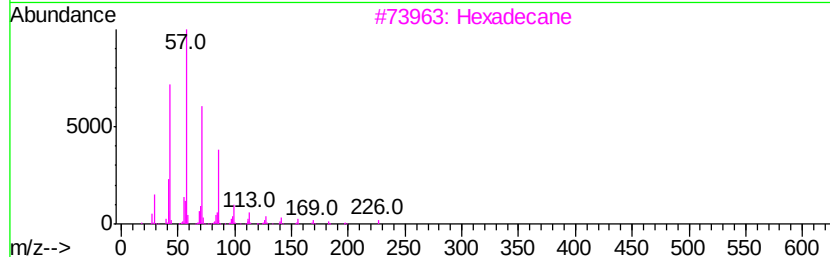
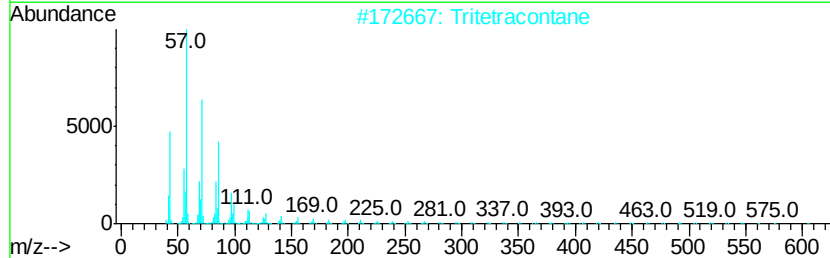
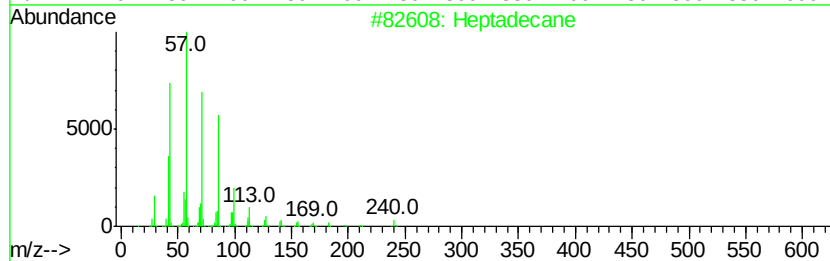
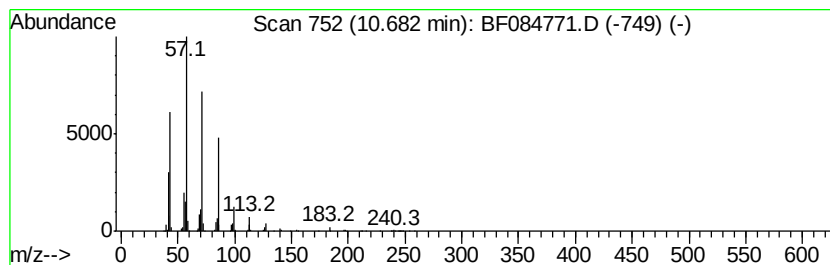
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BNA\_F  
ClientSampleId :  
BLFS-RL01

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF020116.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 18 Heptadecane Concentration Rank 8

| R.T.    | EstConc              | Area         | Relative to ISTD | R.T.      |
|---------|----------------------|--------------|------------------|-----------|
| 10.68   | 83.66 ng             | 16571400     | Phenanthrene-d10 | 11.23     |
| Hit# of | 5                    | Tentative ID | MW MolForm       | CAS# Qual |
| 1       | Heptadecane          | 240 C17H36   | 000629-78-7      | 91        |
| 2       | Tritetracontane      | 605 C43H88   | 007098-21-7      | 90        |
| 3       | Hexadecane           | 226 C16H34   | 000544-76-3      | 90        |
| 4       | Dodecane, 1-iodo-    | 296 C12H25I  | 004292-19-7      | 86        |
| 5       | 3,5-Dimethyldodecane | 198 C14H30   | 107770-99-0      | 80        |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF020216\  
Data File : BF084771.D  
Acq On : 3 Feb 2016 4:22  
Operator : SJ/IZ  
Sample : H1306-04  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
BLFS-RL01

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF020116.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

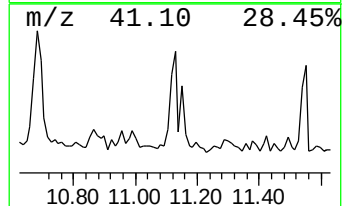
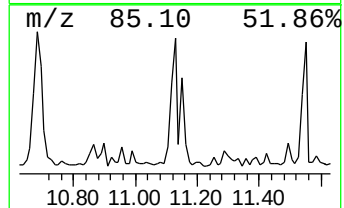
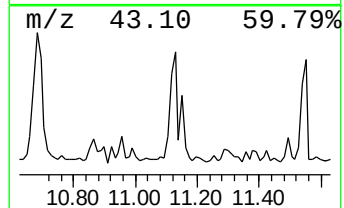
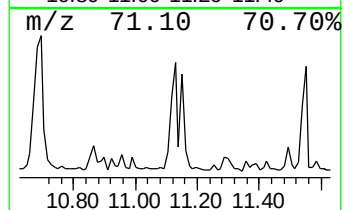
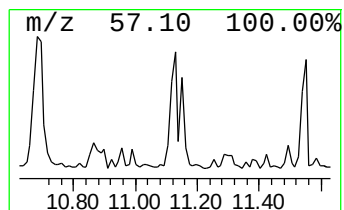
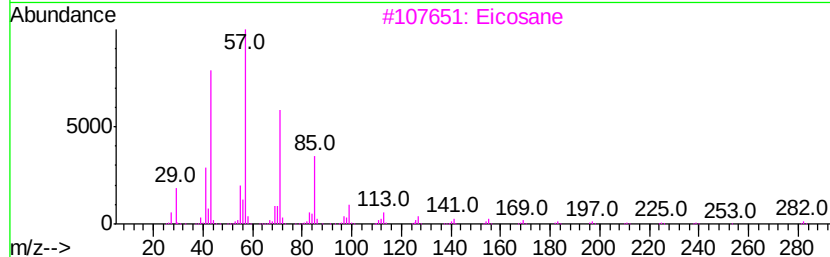
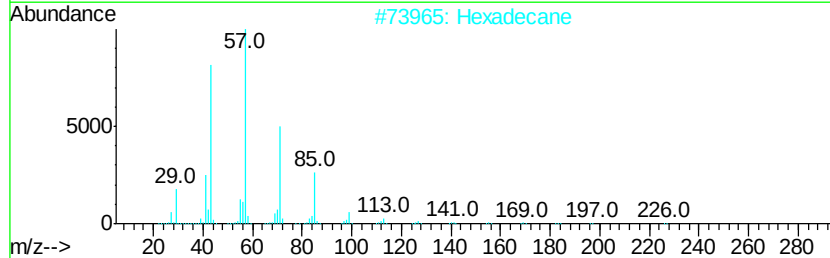
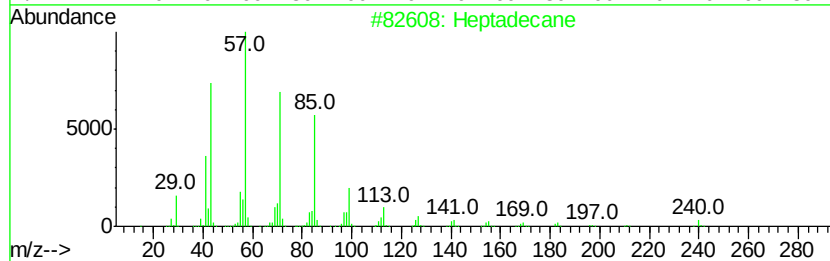
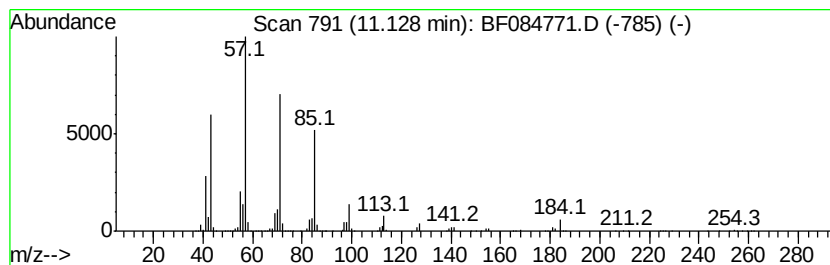
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 19 Dodecane, 1-iodo- Concentration Rank 15

| R.T.  | EstConc  | Area     | Relative to ISTD | R.T.  |
|-------|----------|----------|------------------|-------|
| 11.13 | 58.95 ng | 11676100 | Phenanthrene-d10 | 11.23 |

| Hit# | of | Tentative ID            | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------|-----|---------|-------------|------|
| 1    | 5  | Heptadecane             | 240 | C17H36  | 000629-78-7 | 91   |
| 2    |    | Hexadecane              | 226 | C16H34  | 000544-76-3 | 90   |
| 3    |    | Eicosane                | 282 | C20H42  | 000112-95-8 | 86   |
| 4    |    | Dodecane, 1-iodo-       | 296 | C12H25I | 004292-19-7 | 86   |
| 5    |    | Undecane, 5,7-dimethyl- | 184 | C13H28  | 017312-83-3 | 72   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF020216\  
Data File : BF084771.D  
Acq On : 3 Feb 2016 4:22  
Operator : SJ/IZ  
Sample : H1306-04  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
BLFS-RL01

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF020116.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

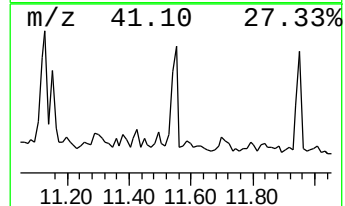
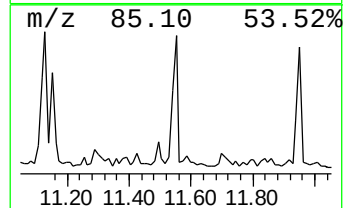
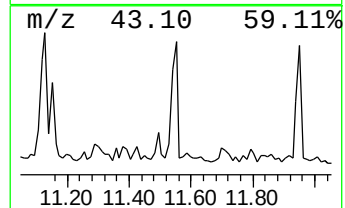
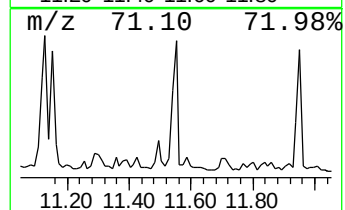
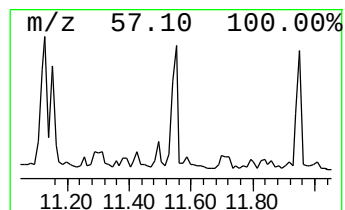
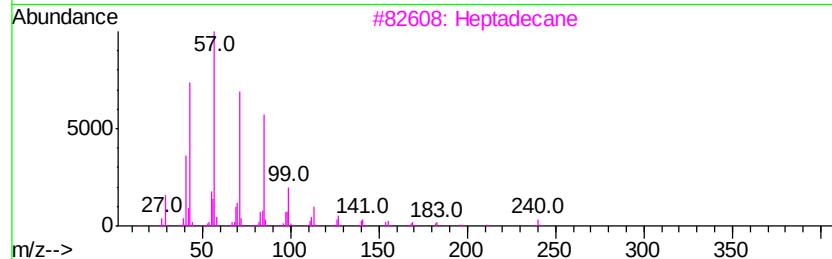
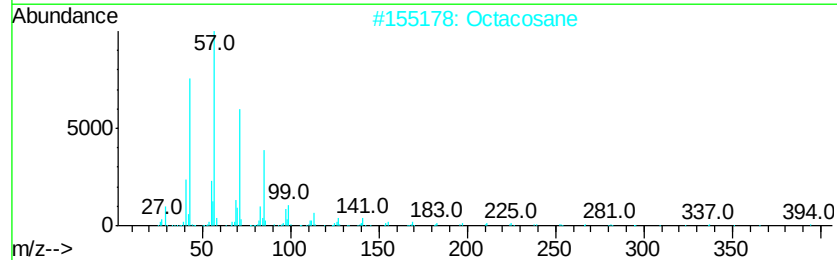
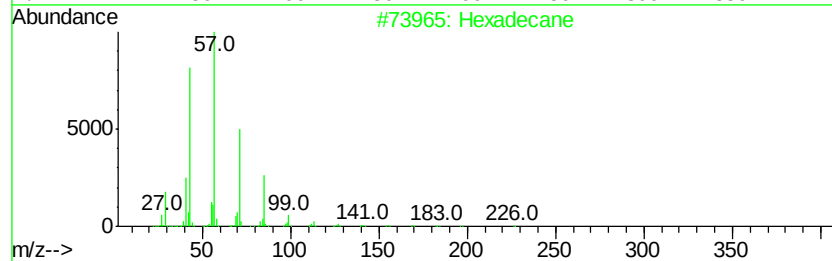
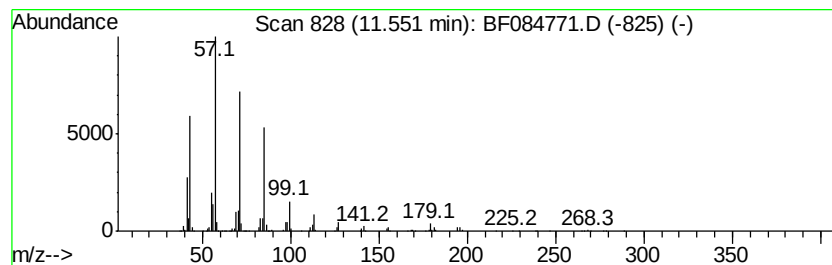
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 20 Octacosane Concentration Rank 18

| R.T.  | EstConc  | Area    | Relative to ISTD | R.T.  |
|-------|----------|---------|------------------|-------|
| 11.55 | 43.13 ng | 8543650 | Phenanthrene-d10 | 11.23 |

| Hit# | of | Tentative ID            | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------|-----|---------|-------------|------|
| 1    | 5  | Hexadecane              | 226 | C16H34  | 000544-76-3 | 86   |
| 2    |    | Octacosane              | 394 | C28H58  | 000630-02-4 | 86   |
| 3    |    | Heptadecane             | 240 | C17H36  | 000629-78-7 | 86   |
| 4    |    | Dodecane, 1-iodo-       | 296 | C12H25I | 004292-19-7 | 80   |
| 5    |    | Undecane, 5,7-dimethyl- | 184 | C13H28  | 017312-83-3 | 72   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF020216\  
 Data File : BF084771.D  
 Acq On : 3 Feb 2016 4:22  
 Operator : SJ/IZ  
 Sample : H1306-04  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 BLFS-RL01

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF020116.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |         |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|---------|------|
|                      |       |         |       |          | #                     | RT    | Resp    | Conc |
| Benzene, 1-ethyl-... | 6.22  | 63.8    | ng    | 6357020  | 1                     | 6.70  | 1994000 | 20.0 |
| Decane               | 6.56  | 144.2   | ng    | 14371800 | 1                     | 6.70  | 1994000 | 20.0 |
| Benzene, 1-ethyl-... | 6.76  | 40.0    | ng    | 3987360  | 1                     | 6.70  | 1994000 | 20.0 |
| Benzene, 1-methyl... | 6.99  | 99.4    | ng    | 9906200  | 1                     | 6.70  | 1994000 | 20.0 |
| Benzene, 1,3-diet... | 7.04  | 49.7    | ng    | 4954370  | 1                     | 6.70  | 1994000 | 20.0 |
| Naphthalene, deca... | 7.10  | 64.0    | ng    | 6382520  | 1                     | 6.70  | 1994000 | 20.0 |
| Tetradecane          | 7.34  | 221.1   | ng    | 22044800 | 1                     | 6.70  | 1994000 | 20.0 |
| unknown8.92          | 8.92  | 71.5    | ng    | 12497300 | 3                     | 9.76  | 3498190 | 20.0 |
| Naphthalene, 2,7-... | 9.37  | 61.0    | ng    | 10671800 | 3                     | 9.76  | 3498190 | 20.0 |
| Naphthalene, 2,3-... | 9.44  | 114.2   | ng    | 19970100 | 3                     | 9.76  | 3498190 | 20.0 |
| Nonadecane           | 9.50  | 98.3    | ng    | 17188500 | 3                     | 9.76  | 3498190 | 20.0 |
| Naphthalene, 1,6,... | 9.97  | 41.1    | ng    | 7189200  | 3                     | 9.76  | 3498190 | 20.0 |
| Naphthalene, 2,3,... | 10.01 | 61.6    | ng    | 10778700 | 3                     | 9.76  | 3498190 | 20.0 |
| Hexadecane           | 10.21 | 94.2    | ng    | 16467900 | 3                     | 9.76  | 3498190 | 20.0 |
| Undecane             | 10.42 | 51.9    | ng    | 9073010  | 3                     | 9.76  | 3498190 | 20.0 |
| Heptadecane          | 10.68 | 83.7    | ng    | 16571400 | 4                     | 11.23 | 3961600 | 20.0 |
| Dodecane, 1-iodo-    | 11.13 | 59.0    | ng    | 11676100 | 4                     | 11.23 | 3961600 | 20.0 |
| Octacosane           | 11.55 | 43.1    | ng    | 8543650  | 4                     | 11.23 | 3961600 | 20.0 |