

Data Path : Z:\HPCHEM1\BNA F\DATA\BF053116\  
 Data File : BF087593.D  
 Acq On : 31 May 2016 21:58  
 Operator : UM/SJ  
 Sample : H3222-15  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MW-28

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-BF052316.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

| peak<br># | R.T.<br>min | first<br>scan | max<br>scan | last<br>scan | PK<br>TY | peak<br>height | corr.<br>area | corr.<br>% max. | % of<br>total |
|-----------|-------------|---------------|-------------|--------------|----------|----------------|---------------|-----------------|---------------|
| 1         | 5.359       | 327           | 330         | 366          | rBV      | 693029         | 2414130       | 51.40%          | 3.221%        |
| 2         | 7.016       | 473           | 475         | 480          | rBV      | 640331         | 1566212       | 33.34%          | 2.090%        |
| 3         | 7.096       | 480           | 482         | 502          | rVB      | 2273386        | 4166623       | 88.71%          | 5.559%        |
| 4         | 7.450       | 510           | 513         | 524          | rBV      | 430768         | 865827        | 18.43%          | 1.155%        |
| 5         | 7.679       | 530           | 533         | 548          | rVB      | 1650431        | 2987480       | 63.60%          | 3.986%        |
| 6         | 8.365       | 590           | 593         | 623          | rBV      | 1673494        | 2882514       | 61.37%          | 3.846%        |
| 7         | 9.485       | 688           | 691         | 717          | rBV      | 455000         | 1137386       | 24.22%          | 1.518%        |
| 8         | 11.245      | 843           | 845         | 848          | rBV      | 3077033        | 4434775       | 94.42%          | 5.917%        |
| 9         | 11.382      | 855           | 857         | 860          | rVB      | 164574         | 234101        | 4.98%           | 0.312%        |
| 10        | 11.485      | 863           | 866         | 867          | rBV2     | 149721         | 248198        | 5.28%           | 0.331%        |
| 11        | 11.565      | 870           | 873         | 875          | rVB3     | 118078         | 212347        | 4.52%           | 0.283%        |
| 12        | 11.702      | 883           | 885         | 886          | rVB      | 90510          | 97183         | 2.07%           | 0.130%        |
| 13        | 11.736      | 886           | 888         | 890          | rBV      | 80203          | 123903        | 2.64%           | 0.165%        |
| 14        | 11.771      | 890           | 891         | 893          | rBV      | 105266         | 121648        | 2.59%           | 0.162%        |
| 15        | 11.976      | 905           | 909         | 911          | rVB2     | 48988          | 117338        | 2.50%           | 0.157%        |
| 16        | 12.296      | 935           | 937         | 943          | rVV      | 760071         | 1194378       | 25.43%          | 1.594%        |
| 17        | 12.491      | 951           | 954         | 958          | rVB2     | 33519          | 97335         | 2.07%           | 0.130%        |
| 18        | 12.662      | 966           | 969         | 972          | rBV2     | 236272         | 332418        | 7.08%           | 0.444%        |
| 19        | 12.971      | 995           | 996         | 998          | rVV2     | 100106         | 101844        | 2.17%           | 0.136%        |
| 20        | 13.016      | 998           | 1000        | 1003         | rVB      | 69971          | 130933        | 2.79%           | 0.175%        |
| 21        | 13.074      | 1003          | 1005        | 1006         | rBV      | 95460          | 111711        | 2.38%           | 0.149%        |
| 22        | 13.119      | 1006          | 1009        | 1012         | rVB2     | 76811          | 167501        | 3.57%           | 0.223%        |
| 23        | 13.405      | 1032          | 1034        | 1038         | rBV      | 52121          | 109287        | 2.33%           | 0.146%        |
| 24        | 13.599      | 1048          | 1051        | 1059         | rBV      | 1838393        | 3166870       | 67.42%          | 4.225%        |
| 25        | 13.725      | 1061          | 1062        | 1066         | rVB3     | 75628          | 89451         | 1.90%           | 0.119%        |
| 26        | 13.931      | 1077          | 1080        | 1084         | rBV      | 67723          | 140809        | 3.00%           | 0.188%        |
| 27        | 14.137      | 1095          | 1098        | 1099         | rVV      | 64758          | 105936        | 2.26%           | 0.141%        |
| 28        | 14.171      | 1099          | 1101        | 1103         | rVV      | 65110          | 93700         | 1.99%           | 0.125%        |
| 29        | 14.411      | 1119          | 1122        | 1124         | rBV2     | 172743         | 217747        | 4.64%           | 0.291%        |
| 30        | 14.479      | 1126          | 1128        | 1130         | rVB      | 77078          | 108185        | 2.30%           | 0.144%        |
| 31        | 14.708      | 1146          | 1148        | 1152         | rBV      | 592174         | 1064417       | 22.66%          | 1.420%        |
| 32        | 14.765      | 1152          | 1153        | 1157         | rVV2     | 148851         | 218081        | 4.64%           | 0.291%        |
| 33        | 15.131      | 1183          | 1185        | 1188         | rVV      | 118908         | 118815        | 2.53%           | 0.159%        |
| 34        | 15.645      | 1229          | 1230        | 1232         | rBV      | 106101         | 113738        | 2.42%           | 0.152%        |

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 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
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 ClientSampleId :  
 MW-28

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-BF052316.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|    |        |      |      |      |      |         |         |         |        |
|----|--------|------|------|------|------|---------|---------|---------|--------|
| 35 | 16.434 | 1298 | 1299 | 1302 | rBV3 | 43044   | 106583  | 2.27%   | 0.142% |
| 36 | 16.480 | 1302 | 1303 | 1309 | rVB  | 60250   | 143280  | 3.05%   | 0.191% |
| 37 | 16.765 | 1323 | 1328 | 1329 | rBV2 | 69143   | 166572  | 3.55%   | 0.222% |
| 38 | 16.788 | 1329 | 1330 | 1332 | rVV  | 89466   | 127422  | 2.71%   | 0.170% |
| 39 | 16.834 | 1332 | 1334 | 1335 | rVV2 | 322162  | 437460  | 9.31%   | 0.584% |
| 40 | 16.857 | 1335 | 1336 | 1338 | rVV2 | 90112   | 115856  | 2.47%   | 0.155% |
| 41 | 16.903 | 1338 | 1340 | 1347 | rVB  | 479621  | 792390  | 16.87%  | 1.057% |
| 42 | 17.005 | 1347 | 1349 | 1352 | rBV  | 58250   | 120599  | 2.57%   | 0.161% |
| 43 | 17.063 | 1352 | 1354 | 1360 | rVV  | 3964281 | 4696995 | 100.00% | 6.267% |
| 44 | 17.371 | 1377 | 1381 | 1384 | rBV5 | 121352  | 378762  | 8.06%   | 0.505% |
| 45 | 17.428 | 1384 | 1386 | 1389 | rVV2 | 69698   | 157571  | 3.35%   | 0.210% |
| 46 | 17.485 | 1389 | 1391 | 1392 | rVV  | 84993   | 104588  | 2.23%   | 0.140% |
| 47 | 17.508 | 1392 | 1393 | 1395 | rVB2 | 100629  | 96602   | 2.06%   | 0.129% |
| 48 | 17.611 | 1400 | 1402 | 1406 | rVV2 | 105658  | 204254  | 4.35%   | 0.273% |
| 49 | 17.714 | 1406 | 1411 | 1413 | rVB4 | 211841  | 522367  | 11.12%  | 0.697% |
| 50 | 17.828 | 1418 | 1421 | 1423 | rBV  | 239885  | 327130  | 6.96%   | 0.436% |
| 51 | 18.057 | 1439 | 1441 | 1442 | rBV  | 301187  | 451197  | 9.61%   | 0.602% |
| 52 | 18.274 | 1456 | 1460 | 1461 | rBV3 | 108188  | 168710  | 3.59%   | 0.225% |
| 53 | 18.297 | 1461 | 1462 | 1464 | rVB  | 107889  | 125435  | 2.67%   | 0.167% |
| 54 | 18.354 | 1464 | 1467 | 1469 | rBV4 | 123411  | 366412  | 7.80%   | 0.489% |
| 55 | 18.388 | 1469 | 1470 | 1472 | rVV2 | 179797  | 278656  | 5.93%   | 0.372% |
| 56 | 18.446 | 1472 | 1475 | 1480 | rVV  | 760327  | 2775077 | 59.08%  | 3.703% |
| 57 | 18.514 | 1480 | 1481 | 1487 | rVB6 | 372364  | 1154693 | 24.58%  | 1.541% |
| 58 | 18.606 | 1487 | 1489 | 1490 | rBV  | 118173  | 193499  | 4.12%   | 0.258% |
| 59 | 18.663 | 1490 | 1494 | 1496 | rBV5 | 370492  | 661766  | 14.09%  | 0.883% |
| 60 | 18.720 | 1496 | 1499 | 1500 | rVB3 | 298219  | 525913  | 11.20%  | 0.702% |
| 61 | 18.811 | 1500 | 1507 | 1508 | rBV7 | 341189  | 1203993 | 25.63%  | 1.606% |
| 62 | 18.846 | 1508 | 1510 | 1511 | rVB2 | 292663  | 337899  | 7.19%   | 0.451% |
| 63 | 18.891 | 1511 | 1514 | 1515 | rBV3 | 331164  | 579152  | 12.33%  | 0.773% |
| 64 | 18.926 | 1515 | 1517 | 1520 | rVB4 | 258531  | 424834  | 9.04%   | 0.567% |
| 65 | 18.983 | 1520 | 1522 | 1525 | rBV4 | 194192  | 387372  | 8.25%   | 0.517% |
| 66 | 19.074 | 1528 | 1530 | 1531 | rBV2 | 108382  | 132687  | 2.82%   | 0.177% |
| 67 | 19.177 | 1536 | 1539 | 1540 | rVV3 | 201151  | 462792  | 9.85%   | 0.617% |
| 68 | 19.234 | 1540 | 1544 | 1545 | rVV3 | 1311742 | 2338596 | 49.79%  | 3.120% |
| 69 | 19.269 | 1545 | 1547 | 1551 | rVV5 | 1366951 | 3985001 | 84.84%  | 5.317% |
| 70 | 19.360 | 1551 | 1555 | 1558 | rVV6 | 1277479 | 3457389 | 73.61%  | 4.613% |
| 71 | 19.451 | 1561 | 1563 | 1566 | rVV2 | 125547  | 315411  | 6.72%   | 0.421% |

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 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MW-28

Integration Parameters: rteint.p  
 Integrator: RTE  
 Smoothing : ON  
 Sampling : 1  
 Start Thrs: 0.2  
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 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 >  
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Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF052316.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|     |        |      |      |      |      |        |         |        |        |
|-----|--------|------|------|------|------|--------|---------|--------|--------|
| 72  | 19.509 | 1566 | 1568 | 1571 | rVV3 | 528504 | 1161889 | 24.74% | 1.550% |
| 73  | 19.554 | 1571 | 1572 | 1574 | rVB  | 526979 | 477264  | 10.16% | 0.637% |
| 74  | 19.840 | 1591 | 1597 | 1598 | rVV3 | 273354 | 638528  | 13.59% | 0.852% |
| 75  | 19.886 | 1598 | 1601 | 1602 | rVV3 | 588845 | 1067879 | 22.74% | 1.425% |
| 76  | 19.989 | 1602 | 1610 | 1615 | rVV3 | 747634 | 4527270 | 96.39% | 6.040% |
| 77  | 20.057 | 1615 | 1616 | 1620 | rVV4 | 742946 | 1638407 | 34.88% | 2.186% |
| 78  | 20.126 | 1620 | 1622 | 1630 | rVV  | 556654 | 1624943 | 34.60% | 2.168% |
| 79  | 20.423 | 1645 | 1648 | 1653 | rVB6 | 54184  | 147051  | 3.13%  | 0.196% |
| 80  | 20.720 | 1670 | 1674 | 1677 | rBV4 | 53937  | 127709  | 2.72%  | 0.170% |
| 81  | 21.212 | 1713 | 1717 | 1722 | rBV7 | 98697  | 234483  | 4.99%  | 0.313% |
| 82  | 21.326 | 1723 | 1727 | 1729 | rBV2 | 134090 | 168451  | 3.59%  | 0.225% |
| 83  | 21.680 | 1754 | 1758 | 1762 | rBV7 | 42928  | 103237  | 2.20%  | 0.138% |
| 84  | 22.857 | 1856 | 1861 | 1862 | rVV4 | 203031 | 535396  | 11.40% | 0.714% |
| 85  | 22.915 | 1864 | 1866 | 1871 | rVV5 | 228559 | 656660  | 13.98% | 0.876% |
| 86  | 23.006 | 1871 | 1874 | 1877 | rVV5 | 153551 | 450521  | 9.59%  | 0.601% |
| 87  | 23.063 | 1877 | 1879 | 1882 | rVV4 | 162136 | 383318  | 8.16%  | 0.511% |
| 88  | 23.143 | 1885 | 1886 | 1888 | rVV2 | 150237 | 174438  | 3.71%  | 0.233% |
| 89  | 23.200 | 1888 | 1891 | 1894 | rVV4 | 77038  | 210290  | 4.48%  | 0.281% |
| 90  | 23.257 | 1894 | 1896 | 1898 | rVV3 | 88291  | 155049  | 3.30%  | 0.207% |
| 91  | 23.303 | 1898 | 1900 | 1901 | rVV2 | 118292 | 180313  | 3.84%  | 0.241% |
| 92  | 23.360 | 1901 | 1905 | 1906 | rVV3 | 155931 | 416060  | 8.86%  | 0.555% |
| 93  | 23.406 | 1906 | 1909 | 1911 | rVV4 | 128434 | 296359  | 6.31%  | 0.395% |
| 94  | 23.475 | 1914 | 1915 | 1919 | rVV3 | 60264  | 137657  | 2.93%  | 0.184% |
| 95  | 23.578 | 1919 | 1924 | 1928 | rVV6 | 66112  | 255804  | 5.45%  | 0.341% |
| 96  | 23.646 | 1928 | 1930 | 1932 | rVV3 | 91085  | 149942  | 3.19%  | 0.200% |
| 97  | 23.783 | 1938 | 1942 | 1944 | rVV4 | 90271  | 265870  | 5.66%  | 0.355% |
| 98  | 23.840 | 1944 | 1947 | 1951 | rVV5 | 108085 | 302168  | 6.43%  | 0.403% |
| 99  | 23.909 | 1951 | 1953 | 1956 | rVV4 | 72133  | 147725  | 3.15%  | 0.197% |
| 100 | 24.103 | 1968 | 1970 | 1973 | rVV4 | 99162  | 197964  | 4.21%  | 0.264% |

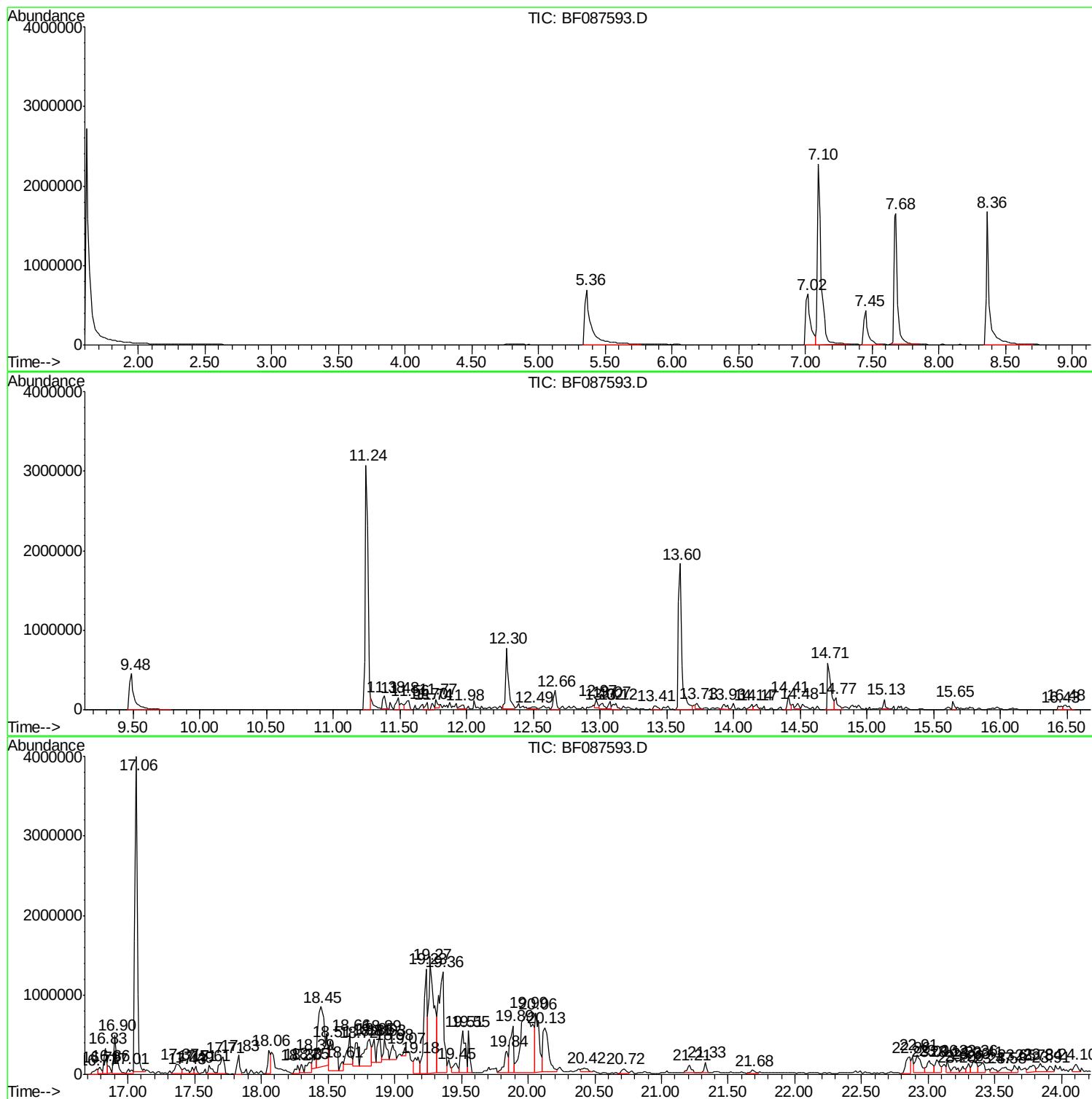
Sum of corrected areas: 74950381

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ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampled :  
MW-28

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF052316.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L  
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF053116\  
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Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF052316.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

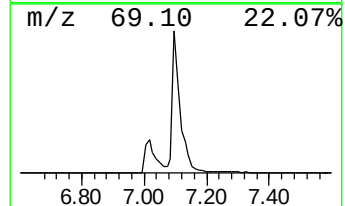
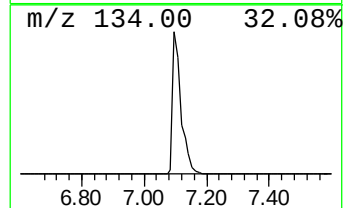
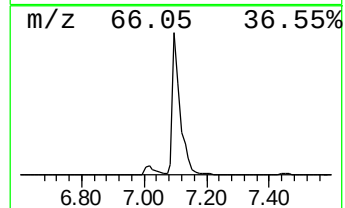
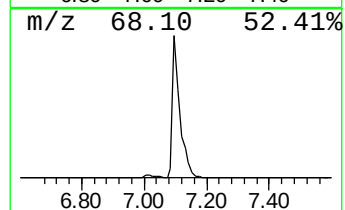
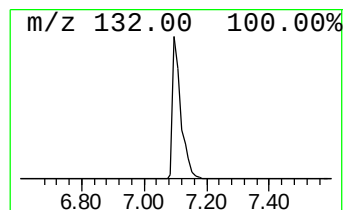
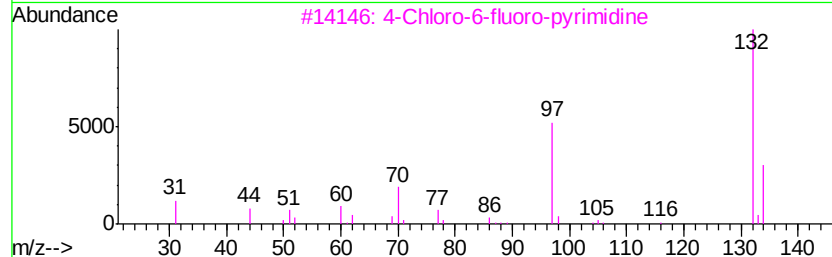
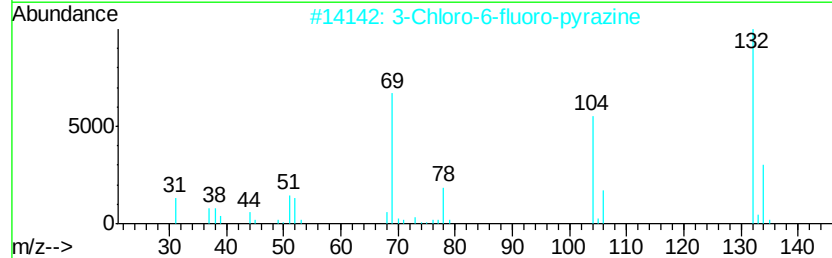
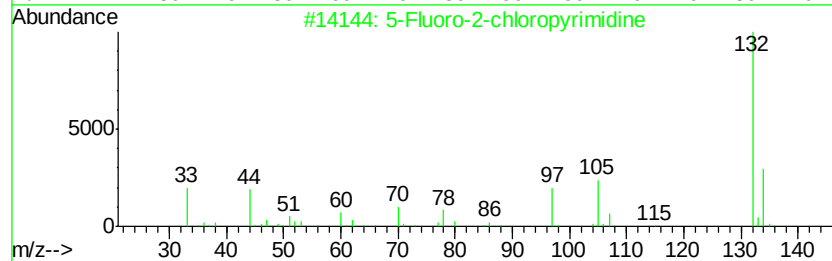
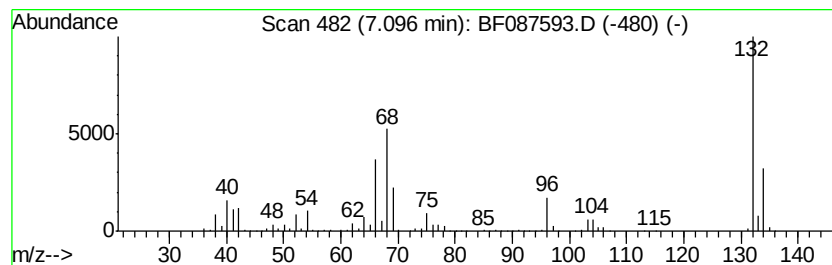
TIC Library : C:\Database\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 unknown7.10 Concentration Rank 1

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 7.10 | 96.25 ng | 4166620 | 1,4-Dichlorobenzene-d4 | 7.45 |

| Hit# | of | Tentative ID                 | MW  | MolForm   | CAS#         | Qual |
|------|----|------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 5-Fluoro-2-chloropyrimidine  | 132 | C4H2ClFN2 | 062802-42-0  | 27   |
| 2    |    | 3-Chloro-6-fluoro-pyrazine   | 132 | C4H2ClFN2 | 1000146-10-7 | 27   |
| 3    |    | 4-Chloro-6-fluoro-pyrimidine | 132 | C4H2ClFN2 | 051422-01-6  | 27   |
| 4    |    | 1H-Benzimidazole, 2-methyl-  | 132 | C8H8N2    | 000615-15-6  | 22   |
| 5    |    | Tranlycypromine-propionyl    | 189 | C12H15NO  | 1000123-86-3 | 22   |



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Misc :  
ALS Vial : 11 Sample Multiplier: 1

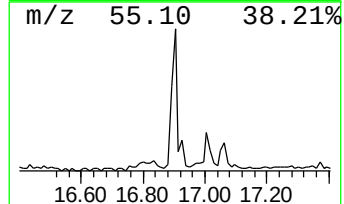
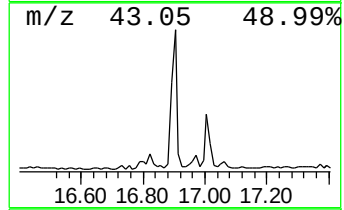
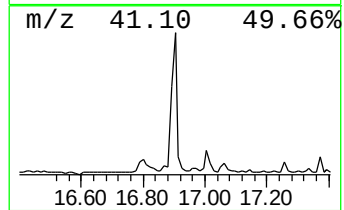
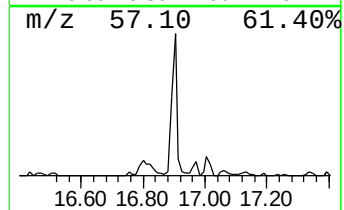
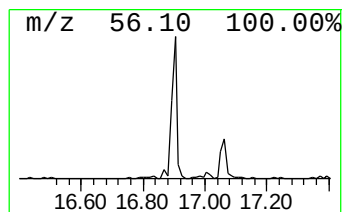
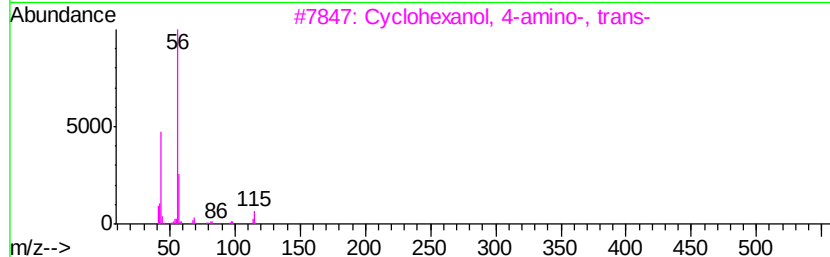
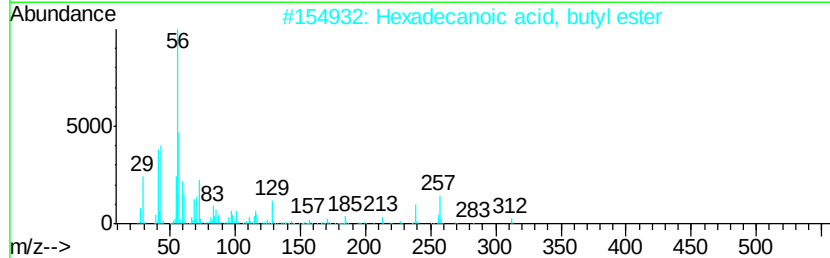
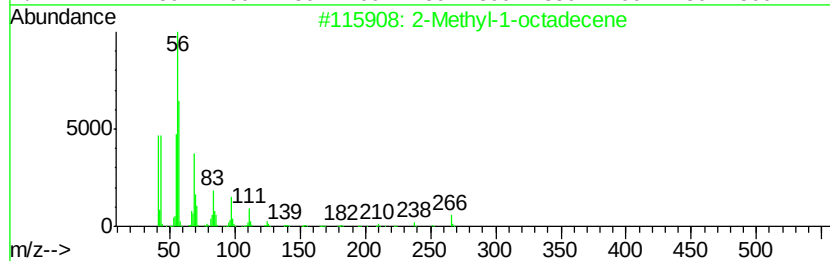
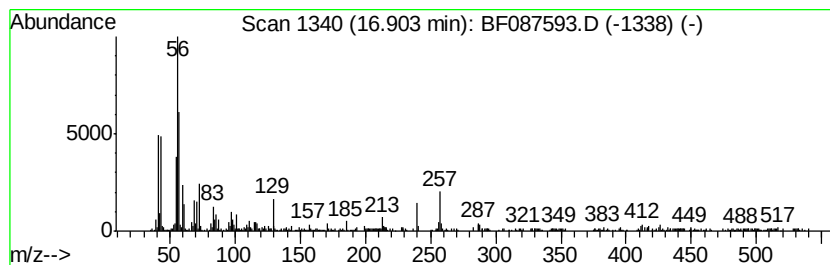
Instrument :  
BNA\_F  
ClientSampleId :  
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Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF052316.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 4 2-Methyl-1-octadecene Concentration Rank 16

| R.T.    | EstConc                        | Area         | Relative to ISTD | R.T.      |
|---------|--------------------------------|--------------|------------------|-----------|
| 16.90   | 5.71 ng                        | 792390       | Chrysene-d12     | 18.43     |
| Hit# of | 5                              | Tentative ID | MW MolForm       | CAS# Qual |
| 1       | 2-Methyl-1-octadecene          | 266 C19H38   | 061868-20-0      | 89        |
| 2       | Hexadecanoic acid, butyl ester | 312 C20H40O2 | 000111-06-8      | 76        |
| 3       | Cyclohexanol, 4-amino-, trans- | 115 C6H13NO  | 027489-62-9      | 64        |
| 4       | 1-Hexene, 2-methyl-            | 98 C7H14     | 006094-02-6      | 59        |
| 5       | Propane, 2-cyclopropyl-        | 84 C6H12     | 003638-35-5      | 59        |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF053116\  
Data File : BF087593.D  
Acq On : 31 May 2016 21:58  
Operator : UM/SJ  
Sample : H3222-15  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

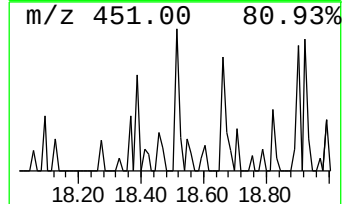
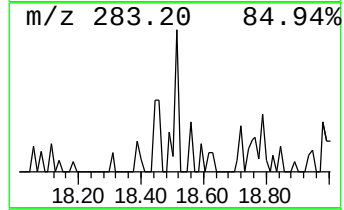
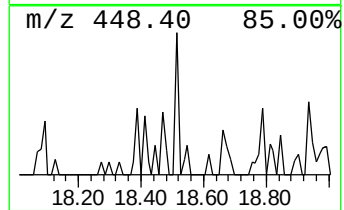
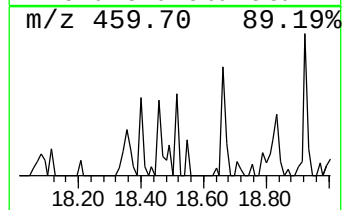
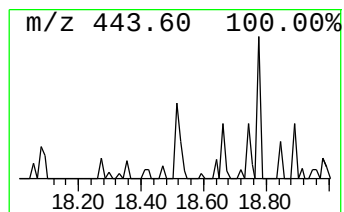
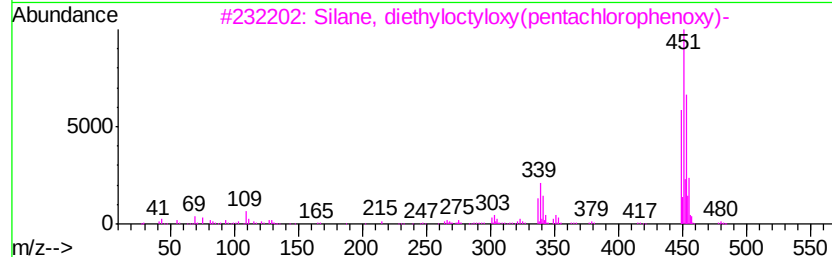
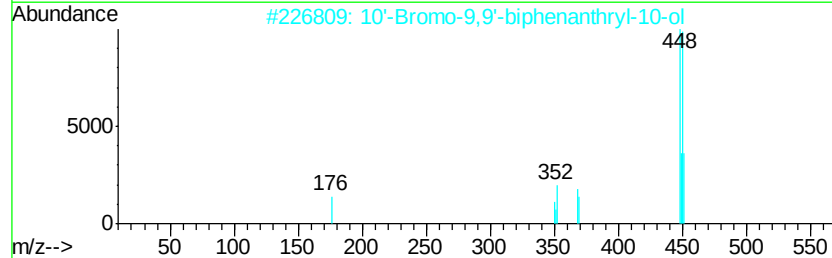
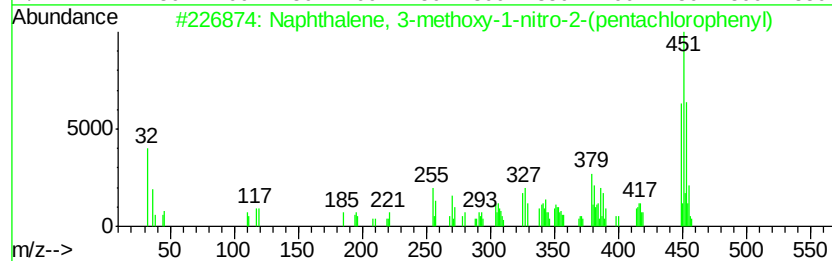
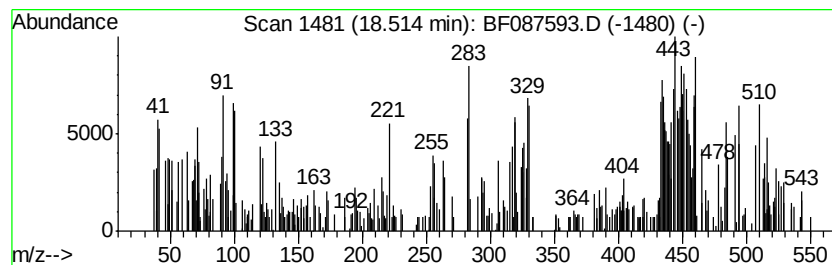
Instrument :  
BNA\_F  
ClientSampleId :  
MW-28

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 5 unknown18.51 Concentration Rank 11

| R.T.      | EstConc                             | Area    | Relative to ISTD | R.T.         |      |
|-----------|-------------------------------------|---------|------------------|--------------|------|
| 18.51     | 8.32 ng                             | 1154690 | Chrysene-d12     | 18.43        |      |
| Hit# of 5 | Tentative ID                        | MW      | MolForm          | CAS#         | Qual |
| 1         | Naphthalene, 3-methoxy-1-nitro-2... | 449     | C17H8Cl5N03      | 057187-61-8  | 25   |
| 2         | 10'-Bromo-9,9'-biphenanthryl-10-ol  | 448     | C28H17BrO        | 096862-59-8  | 14   |
| 3         | Silane, diethyloctyloxy(pentachl... | 478     | C18H27Cl5O2Si    | 1000363-39-0 | 9    |
| 4         | 1,3,4,6-Tetrabromopentacyclo[9.3... | 528     | C16H20Br4        | 1000287-98-8 | 7    |
| 5         | 3-Amino-2-(4-chlorobenzoyl)-4-(4... | 452     | C24H18Cl2N2O5    | 332045-93-9  | 7    |





Data Path : Z:\HPCHEM1\BNA F\DATA\BF053116\  
Data File : BF087593.D  
Acq On : 31 May 2016 21:58  
Operator : UM/SJ  
Sample : H3222-15  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
MW-28

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

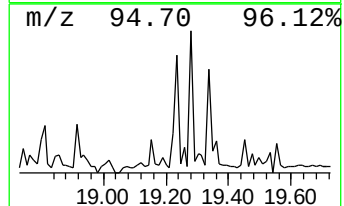
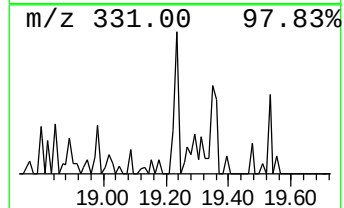
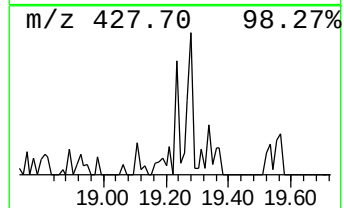
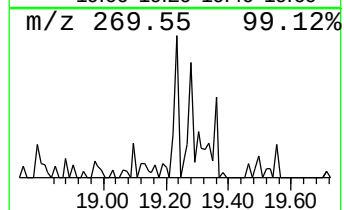
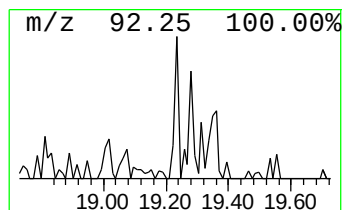
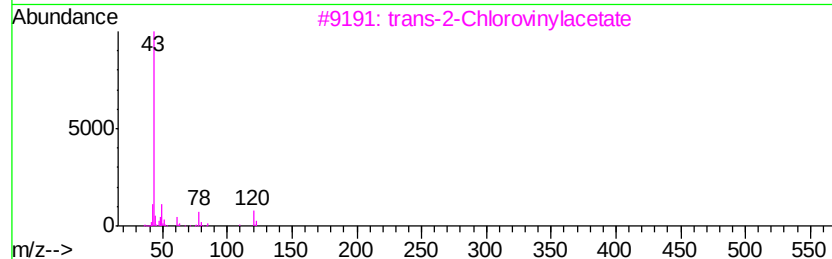
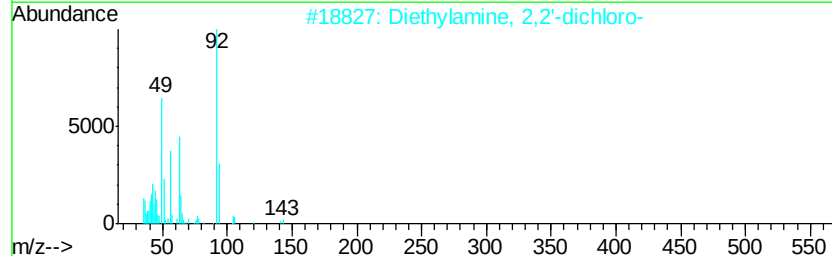
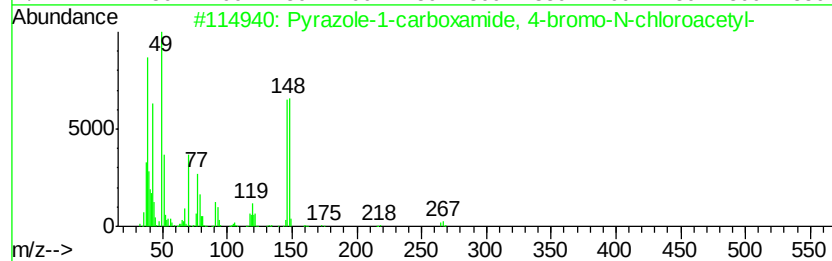
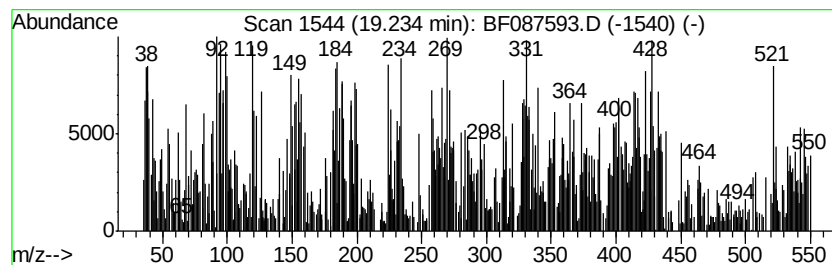
TIC Library : C:\Database\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 8 unknown19.23 Concentration Rank 7

| R.T.  | EstConc  | Area    | Relative to ISTD | R.T.  |
|-------|----------|---------|------------------|-------|
| 19.23 | 16.85 ng | 2338600 | Chrysene-d12     | 18.43 |

| Hit# | of | Tentative ID                        | MW  | MolForm      | CAS#         | Qual |
|------|----|-------------------------------------|-----|--------------|--------------|------|
| 1    | 5  | Pyrazole-1-carboxamide, 4-bromo-... | 265 | C6H5BrClN3O2 | 1000268-17-5 | 27   |
| 2    |    | Diethylamine, 2,2'-dichloro-        | 141 | C4H9Cl2N     | 000334-22-5  | 27   |
| 3    |    | trans-2-Chlorovinylacetate          | 120 | C4H5ClO2     | 1000288-27-5 | 27   |
| 4    |    | 8-(4-Chlorophenyl)-2-aza-9-thiab... | 293 | C13H8ClN03S  | 1000281-37-9 | 27   |
| 5    |    | Acetic acid, chloro-, 1-methylbu... | 164 | C7H13ClO2    | 090380-52-2  | 16   |





Data Path : Z:\HPCHEM1\BNA F\DATA\BF053116\  
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Acq On : 31 May 2016 21:58  
Operator : UM/SJ  
Sample : H3222-15  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

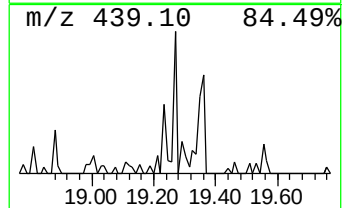
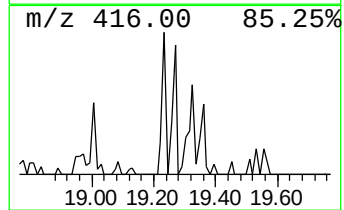
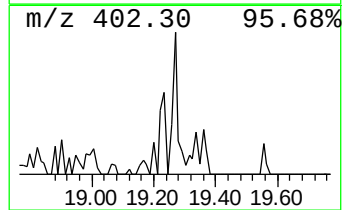
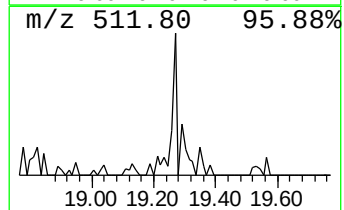
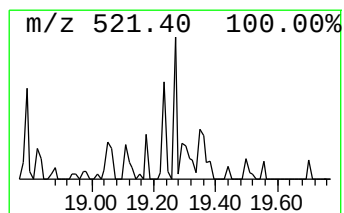
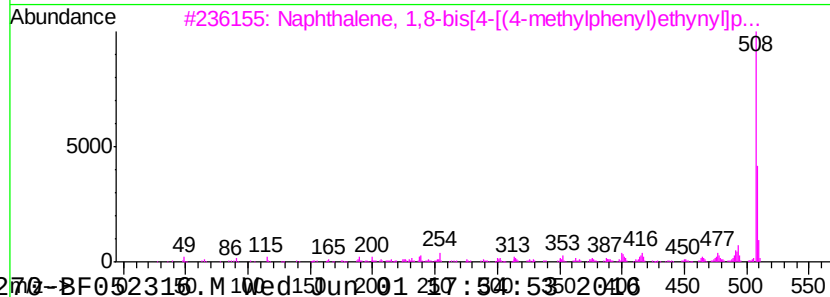
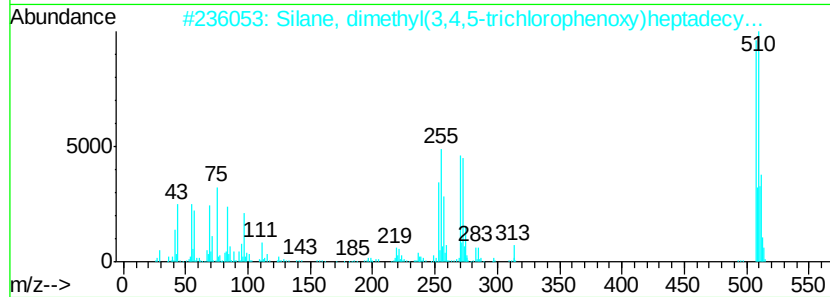
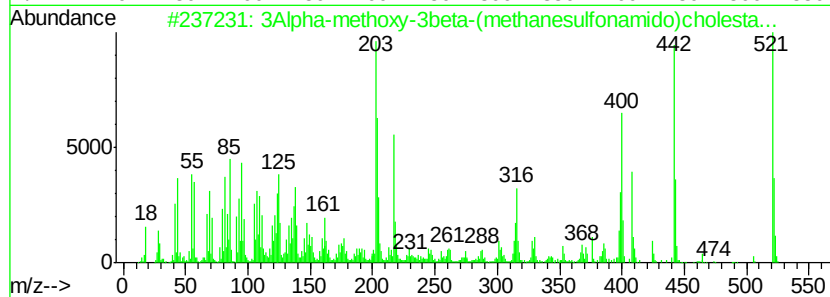
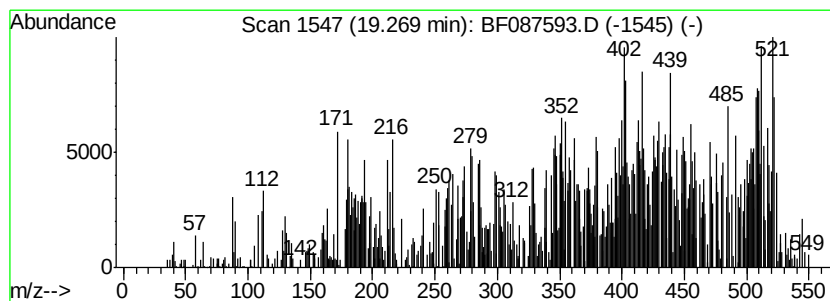
Instrument :  
BNA\_F  
ClientSampleId :  
MW-28

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 9 3Alpha-methoxy-3beta-(metha... Concentration Rank 5

| R.T.    | EstConc  | Area                                | Relative to ISTD | R.T.          |              |      |
|---------|----------|-------------------------------------|------------------|---------------|--------------|------|
| 19.27   | 28.72 ng | 3985000                             | Chrysene-d12     | 18.43         |              |      |
| Hit# of | 4        | Tentative ID                        | MW               | MolForm       | CAS#         | Qual |
| 1       | 3        | Alpha-methoxy-3beta-(methanesul...  | 521              | C30H51NO4S    | 1000241-18-6 | 90   |
| 2       |          | Silane, dimethyl(3,4,5-trichloro... | 508              | C25H43Cl3O2Si | 1000347-45-7 | 10   |
| 3       |          | Naphthalene, 1,8-bis[4-(4-methy...  | 508              | C40H28        | 124652-47-7  | 10   |
| 4       |          | 3,3,3',3'-Tetramethyl-5,5',6,6'-... | 508              | C33H48O4      | 089929-65-7  | 9    |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF053116\  
Data File : BF087593.D  
Acq On : 31 May 2016 21:58  
Operator : UM/SJ  
Sample : H3222-15  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
MW-28

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

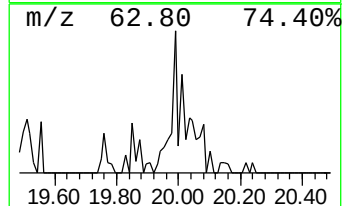
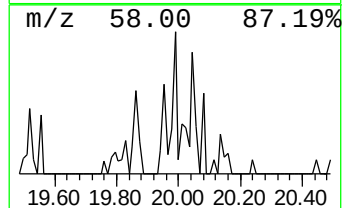
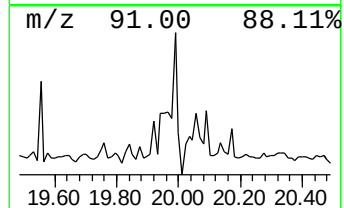
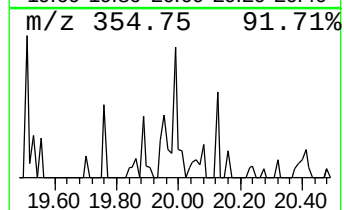
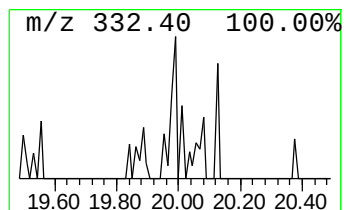
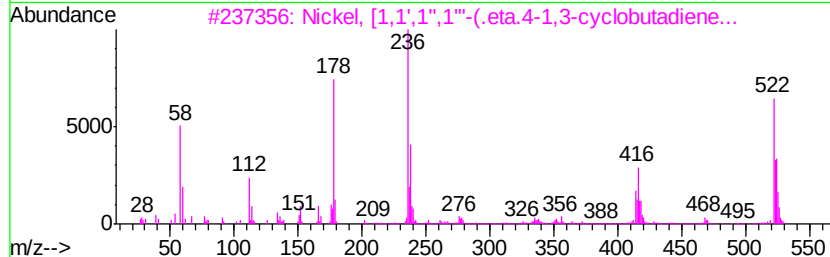
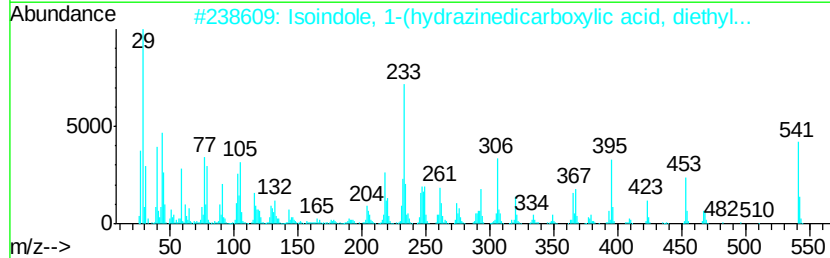
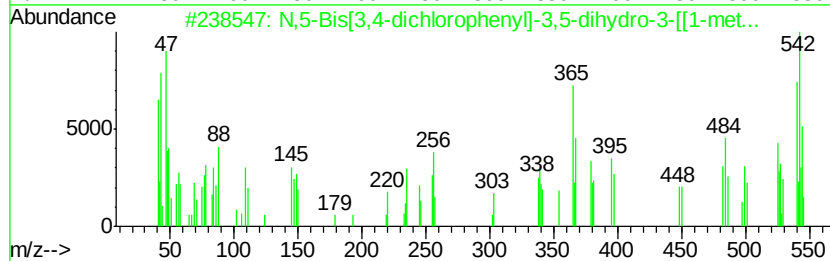
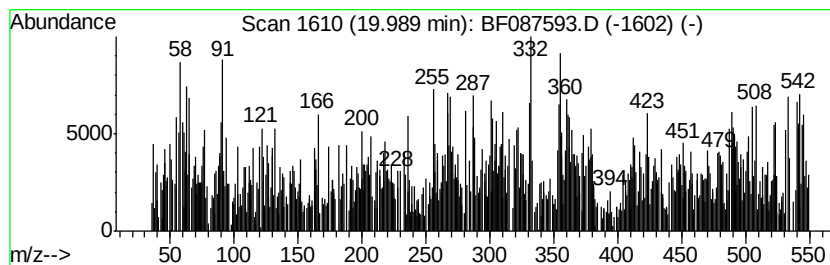
TIC Library : C:\Database\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 15 unknown19.99 Concentration Rank 3

| R.T.  | EstConc  | Area    | Relative to ISTD | R.T.  |
|-------|----------|---------|------------------|-------|
| 19.99 | 55.72 ng | 4527270 | Perylene-d12     | 20.11 |

| Hit# | of | Tentative ID                         | MW  | MolForm     | CAS#         | Qual |
|------|----|--------------------------------------|-----|-------------|--------------|------|
| 1    | 5  | N,5-Bis[3,4-dichlorophenyl]-3,5-...  | 540 | C27H20Cl4N4 | 333399-40-9  | 25   |
| 2    |    | Isoindole, 1-(hydrazinedicarboxy...  | 541 | C26H31N5O8  | 1000152-41-0 | 15   |
| 3    |    | Nickel, [1,1',1'',1''']-(.eta.4-1... | 522 | C36H32Ni    | 072827-41-9  | 15   |
| 4    |    | Anthra[2,1,9-def:6,5,10-d'e'f']d...  | 542 | C36H18N2O4  | 000128-65-4  | 10   |
| 5    |    | Cholest-3-eno[3,4-b]quinoxaline,...  | 540 | C33H46Cl2N2 | 1000210-84-3 | 10   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF053116\  
Data File : BF087593.D  
Acq On : 31 May 2016 21:58  
Operator : UM/SJ  
Sample : H3222-15  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
MW-28

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF052316.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L  
TIC Integration Parameters: LSCINT.P

| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |         |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|---------|------|
|                      |       |         |       |          | #                     | RT    | Resp    | Conc |
| unknown7.10          | 7.10  | 96.3    | ng    | 4166620  | 1                     | 7.45  | 865827  | 20.0 |
| 2-Methyl-1-octade... | 16.90 | 5.7     | ng    | 792390   | 5                     | 18.43 | 2775080 | 20.0 |
| unknown18.51         | 18.51 | 8.3     | ng    | 1154690  | 5                     | 18.43 | 2775080 | 20.0 |
| unknown19.23         | 19.23 | 16.9    | ng    | 2338600  | 5                     | 18.43 | 2775080 | 20.0 |
| 3Alpha-methoxy-3b... | 19.27 | 28.7    | ng    | 3985000  | 5                     | 18.43 | 2775080 | 20.0 |
| unknown19.99         | 19.99 | 55.7    | ng    | 4527270  | 6                     | 20.11 | 1624940 | 20.0 |