

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF011215\  
 Data File : BF076826.D  
 Acq On : 13 Jan 2015 3:01  
 Operator : IZ / TP  
 Sample : G1062-03  
 Misc : S  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SW-013

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-BF010915.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

| peak<br># | R.T.<br>min | first<br>scan | max<br>scan | last<br>scan | PK<br>TY | peak<br>height | corr.<br>area | corr.<br>% max. | % of<br>total |
|-----------|-------------|---------------|-------------|--------------|----------|----------------|---------------|-----------------|---------------|
| 1         | 1.407       | 26            | 28          | 32           | rBV2     | 5296           | 10133         | 1.21%           | 0.090%        |
| 2         | 1.487       | 34            | 35          | 48           | rBV      | 86704          | 150648        | 18.04%          | 1.338%        |
| 3         | 4.242       | 273           | 276         | 288          | rBB      | 104277         | 217099        | 26.00%          | 1.928%        |
| 4         | 5.167       | 354           | 357         | 366          | rBV      | 366159         | 685650        | 82.12%          | 6.090%        |
| 5         | 7.476       | 556           | 559         | 565          | rBV      | 412410         | 699919        | 83.83%          | 6.217%        |
| 6         | 7.579       | 565           | 568         | 575          | rVB      | 475793         | 746484        | 89.41%          | 6.630%        |
| 7         | 8.082       | 609           | 612         | 616          | rBV      | 134217         | 210719        | 25.24%          | 1.872%        |
| 8         | 8.402       | 637           | 640         | 644          | rBV      | 332240         | 541167        | 64.82%          | 4.807%        |
| 9         | 9.373       | 722           | 725         | 733          | rVB      | 297303         | 440129        | 52.72%          | 3.909%        |
| 10        | 10.985      | 863           | 866         | 870          | rBV      | 182492         | 306117        | 36.66%          | 2.719%        |
| 11        | 11.431      | 901           | 905         | 907          | rBB      | 8582           | 12167         | 1.46%           | 0.108%        |
| 12        | 12.288      | 978           | 980         | 985          | rBB      | 7646           | 13515         | 1.62%           | 0.120%        |
| 13        | 12.917      | 1032          | 1035        | 1040         | rBB2     | 4232           | 9274          | 1.11%           | 0.082%        |
| 14        | 13.637      | 1095          | 1098        | 1102         | rBV      | 510403         | 834910        | 100.00%         | 7.416%        |
| 15        | 13.728      | 1103          | 1106        | 1108         | rVB      | 6318           | 9811          | 1.18%           | 0.087%        |
| 16        | 14.700      | 1188          | 1191        | 1196         | rVB      | 42408          | 61316         | 7.34%           | 0.545%        |
| 17        | 14.825      | 1200          | 1202        | 1205         | rBB      | 4686           | 8773          | 1.05%           | 0.078%        |
| 18        | 15.123      | 1225          | 1228        | 1232         | rVB      | 209053         | 324563        | 38.87%          | 2.883%        |
| 19        | 15.203      | 1232          | 1235        | 1238         | rBV      | 17792          | 28481         | 3.41%           | 0.253%        |
| 20        | 15.626      | 1270          | 1272        | 1275         | rVB      | 7349           | 11286         | 1.35%           | 0.100%        |
| 21        | 16.323      | 1330          | 1333        | 1336         | rBB      | 21914          | 30572         | 3.66%           | 0.272%        |
| 22        | 16.711      | 1364          | 1367        | 1369         | rBB      | 18713          | 22899         | 2.74%           | 0.203%        |
| 23        | 16.769      | 1369          | 1372        | 1377         | rBB      | 399643         | 517665        | 62.00%          | 4.598%        |
| 24        | 17.226      | 1408          | 1412        | 1415         | rBV      | 7414           | 12933         | 1.55%           | 0.115%        |
| 25        | 17.580      | 1439          | 1443        | 1445         | rBV      | 12690          | 15539         | 1.86%           | 0.138%        |
| 26        | 17.694      | 1448          | 1453        | 1455         | rBV2     | 8840           | 15027         | 1.80%           | 0.133%        |
| 27        | 17.854      | 1464          | 1467        | 1469         | rBV      | 298083         | 374155        | 44.81%          | 3.323%        |
| 28        | 17.889      | 1469          | 1470        | 1472         | rVV      | 309116         | 272129        | 32.59%          | 2.417%        |
| 29        | 17.934      | 1472          | 1474        | 1475         | rVV      | 9869           | 14392         | 1.72%           | 0.128%        |
| 30        | 17.969      | 1475          | 1477        | 1479         | rVB      | 50987          | 61170         | 7.33%           | 0.543%        |
| 31        | 18.243      | 1499          | 1501        | 1504         | rBV      | 18979          | 23932         | 2.87%           | 0.213%        |
| 32        | 18.346      | 1508          | 1510        | 1511         | rBV2     | 8438           | 9220          | 1.10%           | 0.082%        |
| 33        | 18.597      | 1530          | 1532        | 1533         | rBV      | 29281          | 33466         | 4.01%           | 0.297%        |
| 34        | 18.632      | 1533          | 1535        | 1537         | rVV      | 39666          | 41840         | 5.01%           | 0.372%        |

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Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF010915.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 35 | 18.689 | 1537 | 1540 | 1541 | rVV2 | 10491  | 16902  | 2.02%  | 0.150% |
| 36 | 18.723 | 1541 | 1543 | 1545 | rVV2 | 47300  | 65466  | 7.84%  | 0.581% |
| 37 | 18.769 | 1545 | 1547 | 1550 | rVV  | 23089  | 29595  | 3.54%  | 0.263% |
| 38 | 18.826 | 1550 | 1552 | 1555 | rVV  | 22478  | 31009  | 3.71%  | 0.275% |
| 39 | 19.020 | 1563 | 1569 | 1576 | rBV2 | 23823  | 52364  | 6.27%  | 0.465% |
| 40 | 19.249 | 1587 | 1589 | 1594 | rVB3 | 6557   | 15502  | 1.86%  | 0.138% |
| 41 | 19.340 | 1594 | 1597 | 1599 | rBV  | 14232  | 26438  | 3.17%  | 0.235% |
| 42 | 19.374 | 1599 | 1600 | 1602 | rVV2 | 11339  | 16904  | 2.02%  | 0.150% |
| 43 | 19.420 | 1602 | 1604 | 1606 | rVV3 | 13164  | 25408  | 3.04%  | 0.226% |
| 44 | 19.454 | 1606 | 1607 | 1610 | rVV3 | 9876   | 11571  | 1.39%  | 0.103% |
| 45 | 19.523 | 1610 | 1613 | 1617 | rVB  | 336037 | 365864 | 43.82% | 3.250% |
| 46 | 19.717 | 1628 | 1630 | 1634 | rBV4 | 7833   | 13608  | 1.63%  | 0.121% |
| 47 | 19.809 | 1636 | 1638 | 1640 | rBV  | 410992 | 420989 | 50.42% | 3.739% |
| 48 | 19.900 | 1644 | 1646 | 1648 | rBV2 | 10788  | 12640  | 1.51%  | 0.112% |
| 49 | 19.992 | 1652 | 1654 | 1655 | rBV  | 11056  | 9544   | 1.14%  | 0.085% |
| 50 | 20.072 | 1659 | 1661 | 1663 | rBV  | 789779 | 793582 | 95.05% | 7.049% |
| 51 | 20.117 | 1663 | 1665 | 1667 | rVB2 | 11228  | 17674  | 2.12%  | 0.157% |
| 52 | 20.163 | 1667 | 1669 | 1671 | rVB2 | 10763  | 11630  | 1.39%  | 0.103% |
| 53 | 20.255 | 1672 | 1677 | 1680 | rVB  | 30651  | 52909  | 6.34%  | 0.470% |
| 54 | 20.335 | 1682 | 1684 | 1686 | rBV  | 16400  | 23920  | 2.86%  | 0.212% |
| 55 | 20.380 | 1686 | 1688 | 1689 | rBV  | 22359  | 27036  | 3.24%  | 0.240% |
| 56 | 20.483 | 1695 | 1697 | 1699 | rVB3 | 11237  | 16709  | 2.00%  | 0.148% |
| 57 | 20.529 | 1699 | 1701 | 1704 | rVB2 | 20096  | 23720  | 2.84%  | 0.211% |
| 58 | 20.632 | 1708 | 1710 | 1714 | rBV5 | 7155   | 14828  | 1.78%  | 0.132% |
| 59 | 20.757 | 1719 | 1721 | 1723 | rBV3 | 9975   | 14177  | 1.70%  | 0.126% |
| 60 | 20.895 | 1730 | 1733 | 1736 | rBV  | 21012  | 32545  | 3.90%  | 0.289% |
| 61 | 21.020 | 1742 | 1744 | 1746 | rBV  | 18825  | 30541  | 3.66%  | 0.271% |
| 62 | 21.078 | 1746 | 1749 | 1751 | rVB  | 32463  | 52217  | 6.25%  | 0.464% |
| 63 | 21.112 | 1751 | 1752 | 1754 | rBV2 | 14506  | 19872  | 2.38%  | 0.177% |
| 64 | 21.157 | 1754 | 1756 | 1758 | rVB  | 25430  | 30751  | 3.68%  | 0.273% |
| 65 | 21.340 | 1766 | 1772 | 1774 | rBV2 | 361637 | 729140 | 87.33% | 6.476% |
| 66 | 21.375 | 1774 | 1775 | 1777 | rVV  | 124402 | 95764  | 11.47% | 0.851% |
| 67 | 21.466 | 1781 | 1783 | 1785 | rBV  | 32646  | 43390  | 5.20%  | 0.385% |
| 68 | 21.523 | 1786 | 1788 | 1793 | rBV6 | 11128  | 34646  | 4.15%  | 0.308% |
| 69 | 21.603 | 1793 | 1795 | 1798 | rBV2 | 15889  | 21738  | 2.60%  | 0.193% |
| 70 | 21.649 | 1798 | 1799 | 1803 | rVV2 | 14061  | 17275  | 2.07%  | 0.153% |
| 71 | 21.832 | 1813 | 1815 | 1818 | rBV2 | 23969  | 44582  | 5.34%  | 0.396% |

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Instrument :  
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ClientSampleId :  
SW-013

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-BF010915.M  
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 72 | 22.095 | 1836 | 1838 | 1841 | rBV3 | 16910  | 30912  | 3.70%  | 0.275% |
| 73 | 22.220 | 1846 | 1849 | 1853 | rBV6 | 12697  | 43752  | 5.24%  | 0.389% |
| 74 | 22.575 | 1878 | 1880 | 1886 | rBV  | 125016 | 265868 | 31.84% | 2.361% |
| 75 | 22.689 | 1888 | 1890 | 1892 | rVB  | 23751  | 35246  | 4.22%  | 0.313% |
| 76 | 22.872 | 1904 | 1906 | 1908 | rVB  | 52520  | 77246  | 9.25%  | 0.686% |
| 77 | 22.929 | 1908 | 1911 | 1913 | rVB  | 88111  | 133282 | 15.96% | 1.184% |
| 78 | 22.986 | 1913 | 1916 | 1920 | rBV  | 270196 | 360778 | 43.21% | 3.204% |
| 79 | 23.443 | 1954 | 1956 | 1958 | rBV3 | 19171  | 23130  | 2.77%  | 0.205% |
| 80 | 24.095 | 2011 | 2013 | 2018 | rVB2 | 57953  | 108650 | 13.01% | 0.965% |
| 81 | 24.392 | 2037 | 2039 | 2043 | rVB  | 45442  | 74387  | 8.91%  | 0.661% |
| 82 | 24.564 | 2051 | 2054 | 2060 | rBV5 | 25244  | 75723  | 9.07%  | 0.673% |

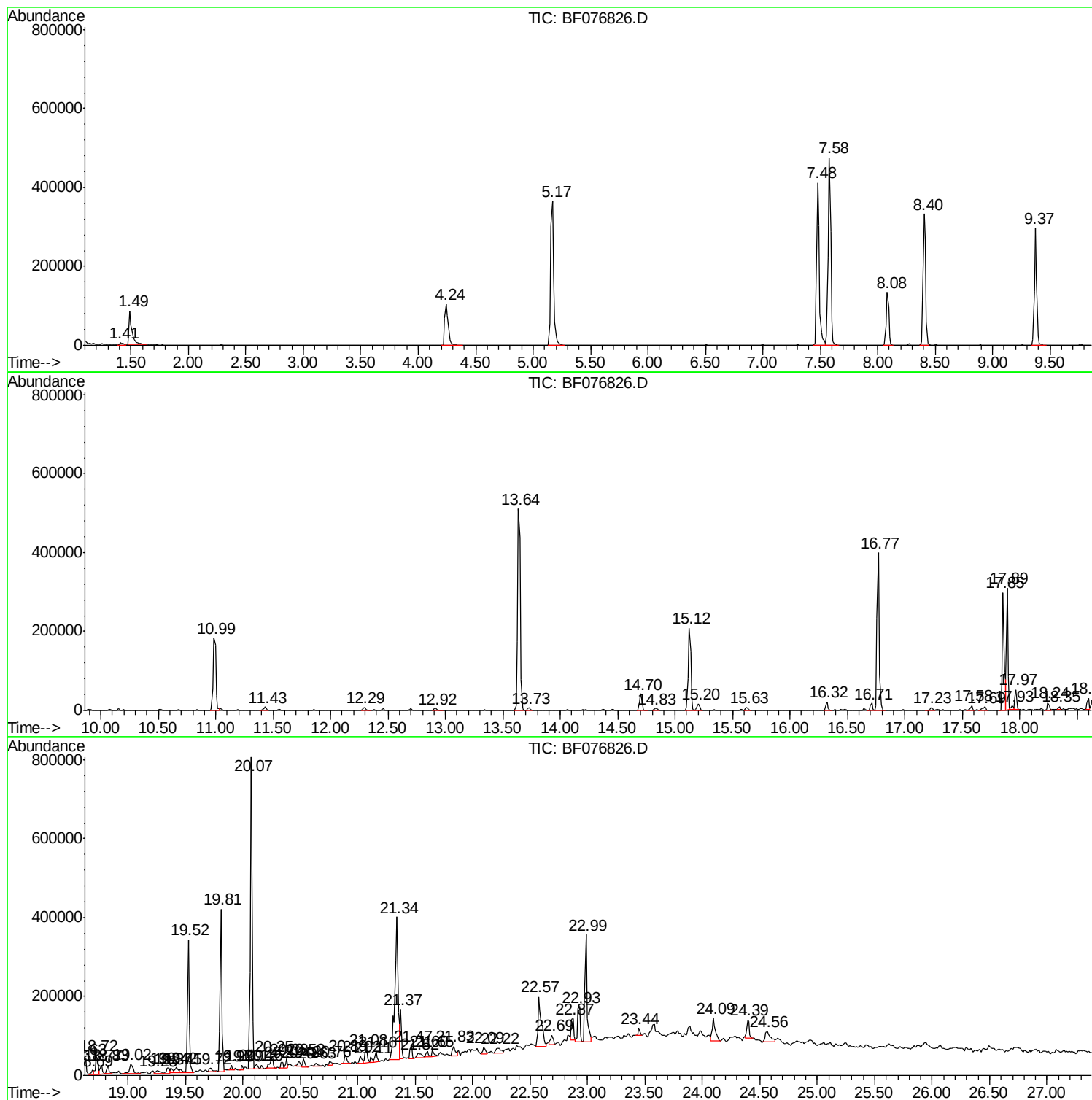
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Data Path : Z:\HPCHEM1\BNA F\DATA\BF011215\  
Data File : BF076826.D  
Acq On : 13 Jan 2015 3:01  
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Misc : S  
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Instrument :  
BNA\_F  
ClientSampleId :  
SW-013

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010915.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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Acq On : 13 Jan 2015 3:01  
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SW-013

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF010915.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

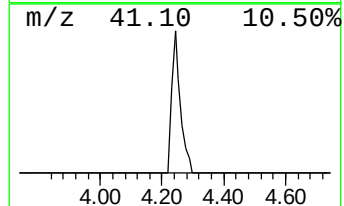
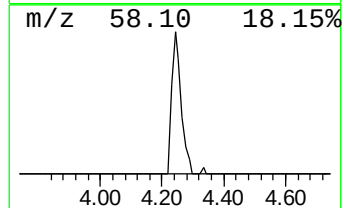
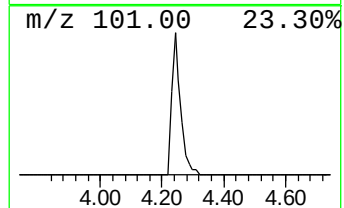
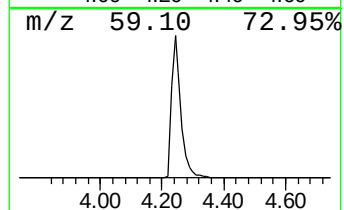
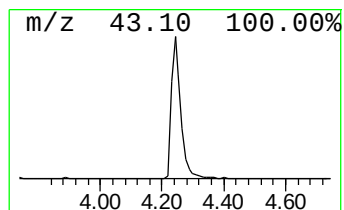
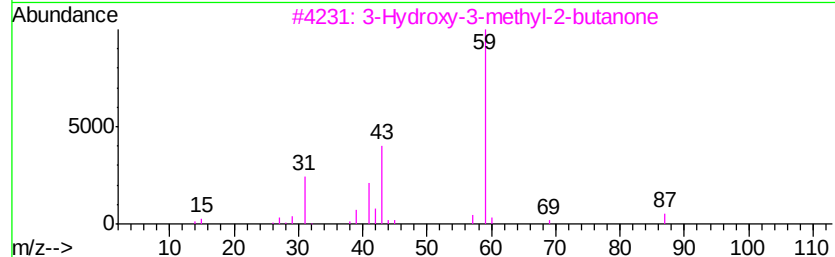
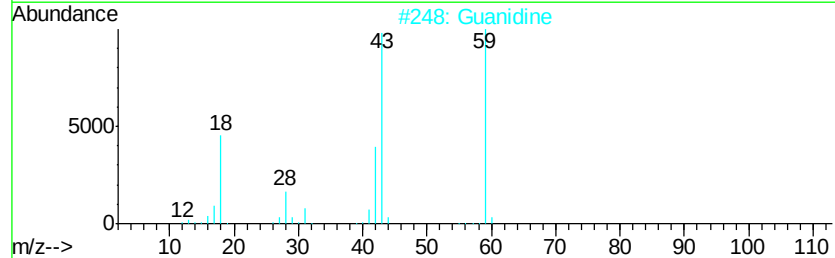
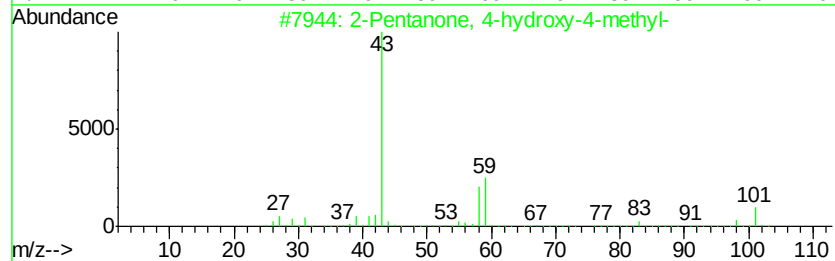
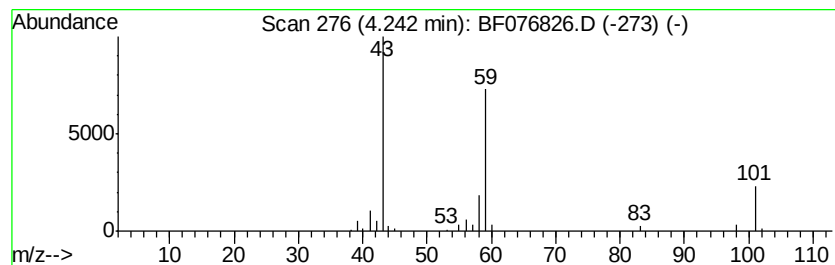
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc  | Area   | Relative to ISTD       | R.T. |
|------|----------|--------|------------------------|------|
| 4.24 | 20.61 ng | 217099 | 1,4-Dichlorobenzene-d4 | 8.08 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | 2-Pentanone, 4-hydroxy-4-methyl-    | 116 | C6H12O2  | 000123-42-2 | 64   |
| 2    |    |   | Guanidine                           | 59  | CH5N3    | 000113-00-8 | 43   |
| 3    |    |   | 3-Hydroxy-3-methyl-2-butanone       | 102 | C5H10O2  | 000115-22-0 | 25   |
| 4    |    |   | 1,2-Butanediol, (.+/-.)-            | 90  | C4H10O2  | 026171-83-5 | 25   |
| 5    |    |   | Acetic acid, cyano-, 1,1-dimethy... | 141 | C7H11NO2 | 001116-98-9 | 17   |



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Instrument :  
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ClientSampleId :  
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010915.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

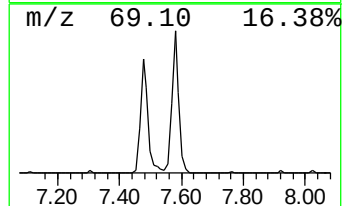
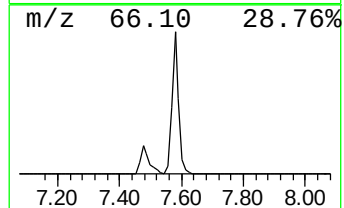
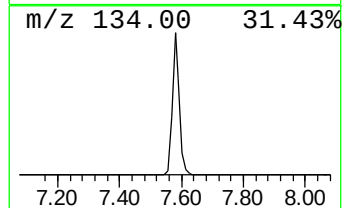
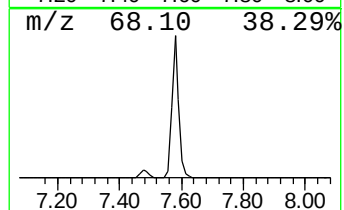
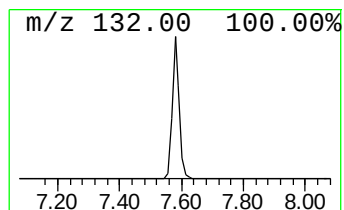
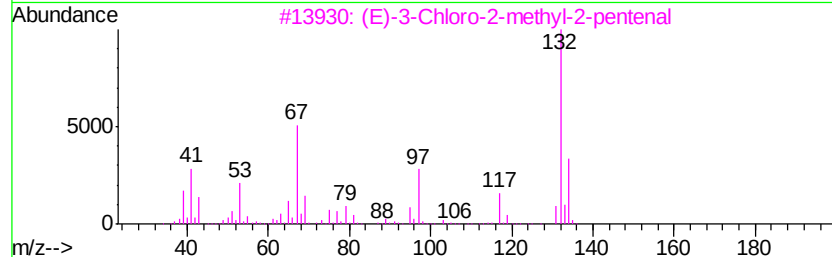
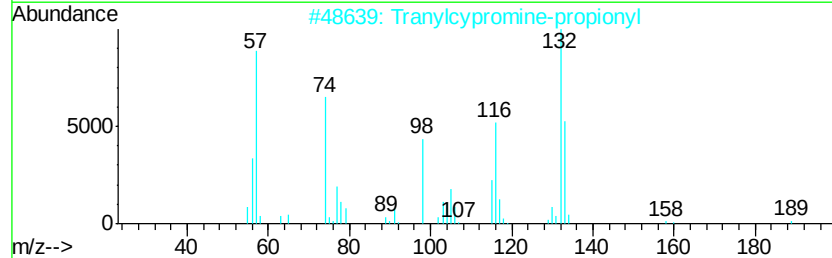
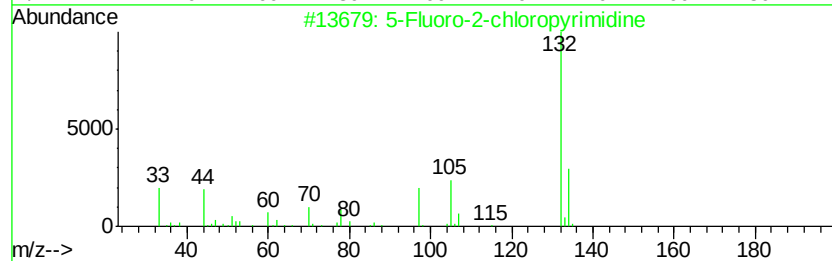
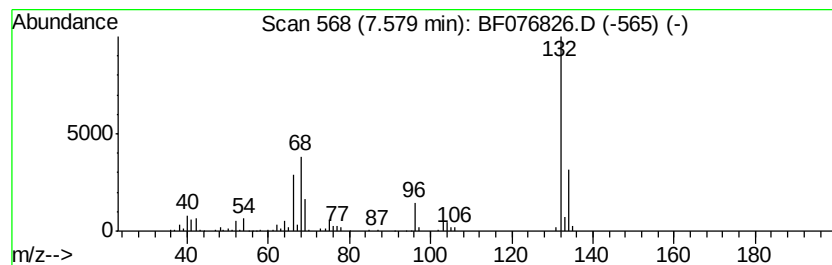
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 3 unknown7.58 Concentration Rank 1

| R.T. | EstConc  | Area   | Relative to ISTD       | R.T. |
|------|----------|--------|------------------------|------|
| 7.58 | 70.85 ng | 746484 | 1,4-Dichlorobenzene-d4 | 8.08 |

| Hit# | of | Tentative ID                     | MW  | MolForm   | CAS#         | Qual |
|------|----|----------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 5-Fluoro-2-chloropyrimidine      | 132 | C4H2ClFN2 | 062802-42-0  | 16   |
| 2    |    | Tranylcypromine-propionyl        | 189 | C12H15NO  | 1000123-86-3 | 10   |
| 3    |    | (E)-3-Chloro-2-methyl-2-pentenal | 132 | C6H9ClO   | 031357-76-3  | 9    |
| 4    |    | 4-Methylpyrrolo[1,2-a]pyrazine   | 132 | C8H8N2    | 064608-60-2  | 9    |
| 5    |    | 4-Chloro-2-fluoro-pyrimidine     | 132 | C4H2ClFN2 | 051422-00-5  | 9    |



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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010915.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

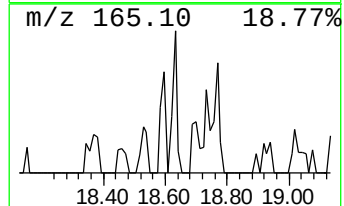
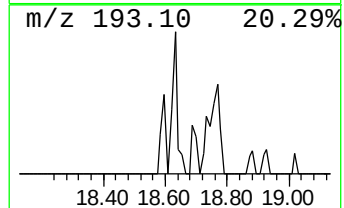
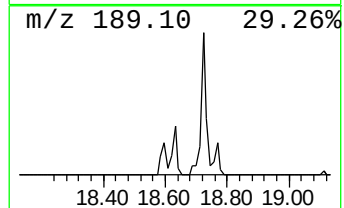
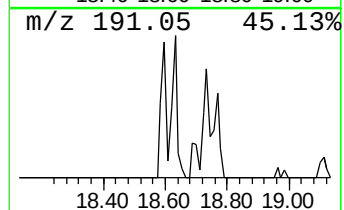
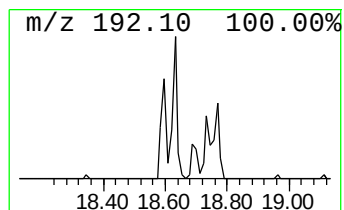
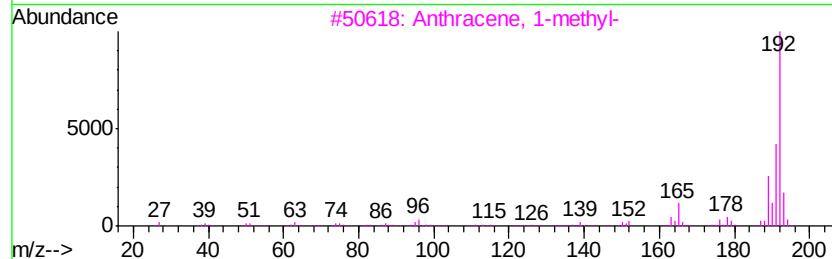
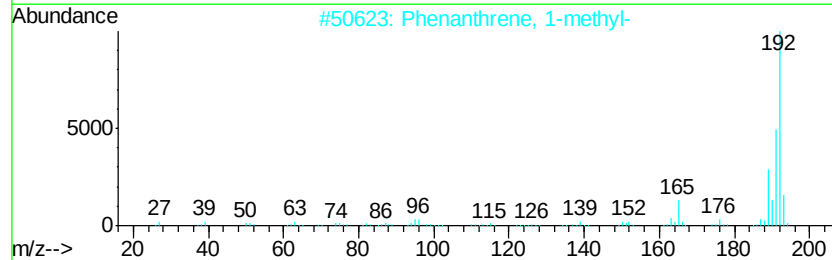
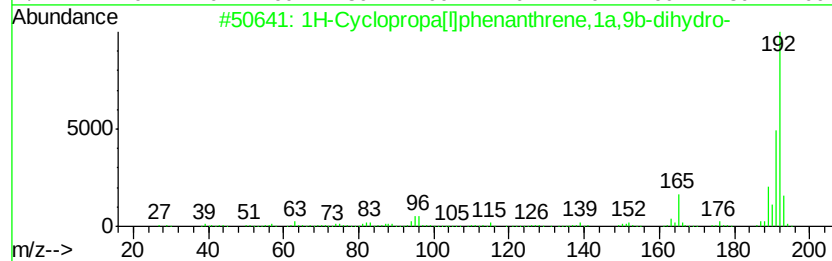
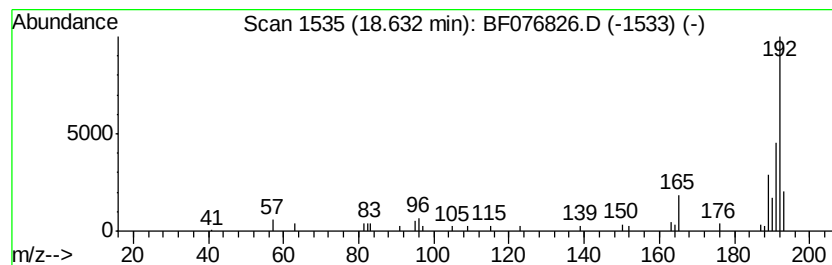
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 5 1H-Cyclopropa[l]phenanthren... Concentration Rank 10

| R.T.  | EstConc | Area  | Relative to ISTD | R.T.  |
|-------|---------|-------|------------------|-------|
| 18.63 | 2.24 ng | 41840 | Phenanthrene-d10 | 17.85 |

| Hit# of | 5 | Tentative ID                          | MW  | MolForm | CAS#        | Qual |
|---------|---|---------------------------------------|-----|---------|-------------|------|
| 1       |   | 1H-Cyclopropa[l]phenanthrene, 1a, ... | 192 | C15H12  | 000949-41-7 | 93   |
| 2       |   | Phenanthrene, 1-methyl-               | 192 | C15H12  | 000832-69-9 | 93   |
| 3       |   | Anthracene, 1-methyl-                 | 192 | C15H12  | 000610-48-0 | 90   |
| 4       |   | Phenanthrene, 2-methyl-               | 192 | C15H12  | 002531-84-2 | 90   |
| 5       |   | Phenanthrene, 3-methyl-               | 192 | C15H12  | 000832-71-3 | 87   |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF011215\  
Data File : BF076826.D  
Acq On : 13 Jan 2015 3:01  
Operator : IZ / TP  
Sample : G1062-03  
Misc : S  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
SW-013

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010915.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

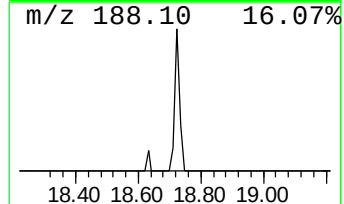
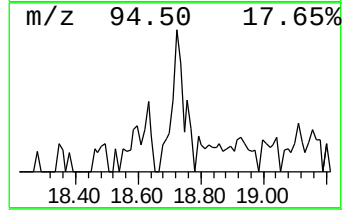
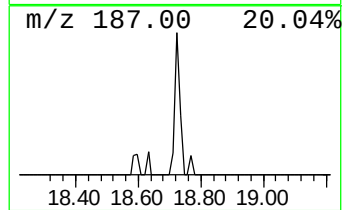
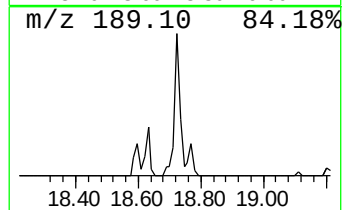
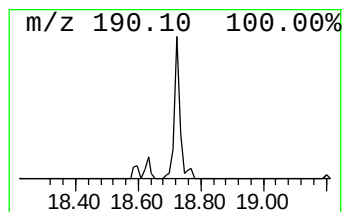
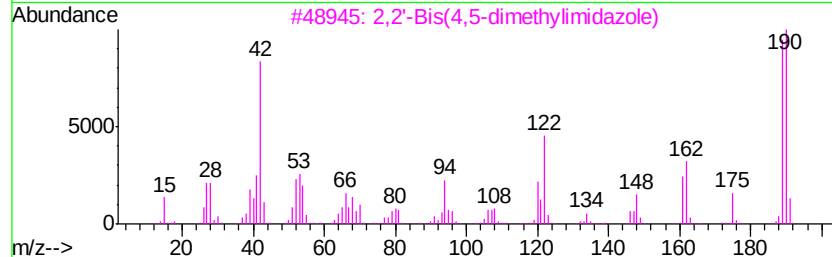
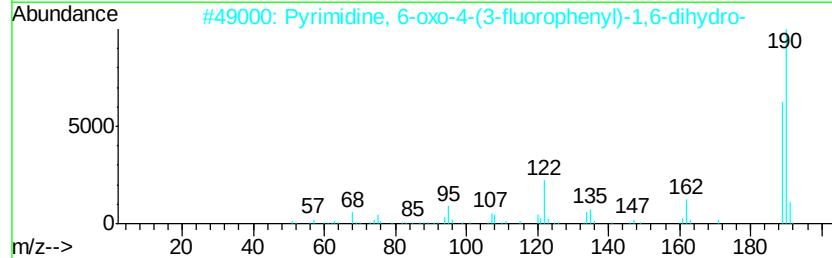
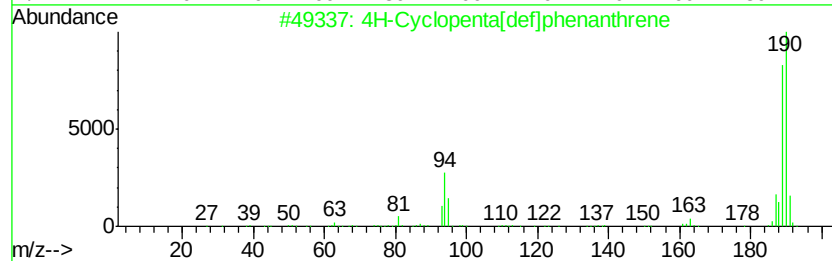
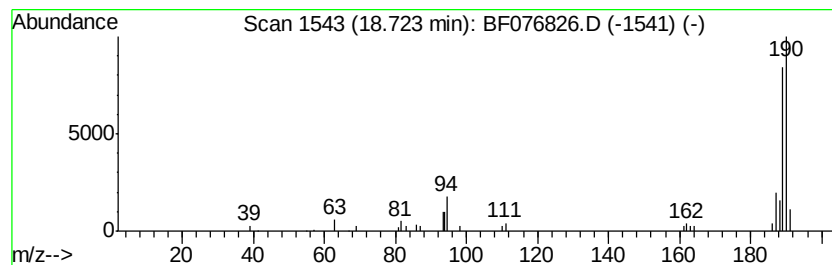
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

| R.T.  | EstConc | Area  | Relative to ISTD | R.T.  |
|-------|---------|-------|------------------|-------|
| 18.72 | 3.50 ng | 65466 | Phenanthrene-d10 | 17.85 |

| Hit# | of | Tentative ID                        | MW  | MolForm   | CAS#        | Qual |
|------|----|-------------------------------------|-----|-----------|-------------|------|
| 1    | 5  | 4H-Cyclopenta[def]phenanthrene      | 190 | C15H10    | 000203-64-5 | 90   |
| 2    |    | Pyrimidine, 6-oxo-4-(3-fluorophe... | 190 | C10H7FN2O | 085979-55-1 | 53   |
| 3    |    | 2,2'-Bis(4,5-dimethylimidazole)     | 190 | C10H14N4  | 069286-06-2 | 45   |
| 4    |    | 3-Fluoro-5-(trifluoromethyl)benz... | 189 | C8H3F4N   | 149793-69-1 | 25   |
| 5    |    | 6H-Cyclobuta[jk]phenanthrene        | 190 | C15H10    | 083469-43-6 | 25   |





Data Path : Z:\HPCHEM1\BNA F\DATA\BF011215\  
Data File : BF076826.D  
Acq On : 13 Jan 2015 3:01  
Operator : IZ / TP  
Sample : G1062-03  
Misc : S  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
SW-013

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010915.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

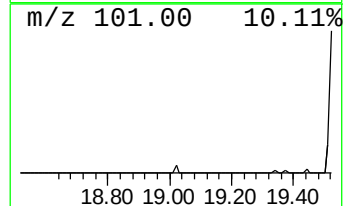
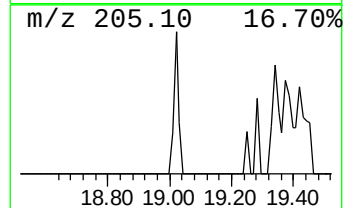
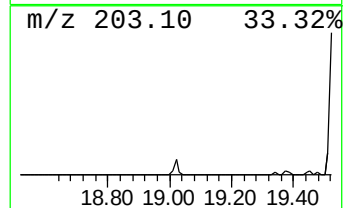
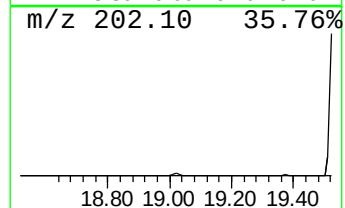
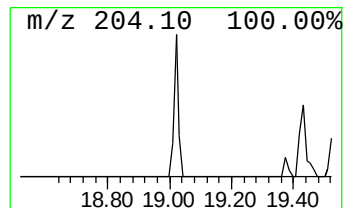
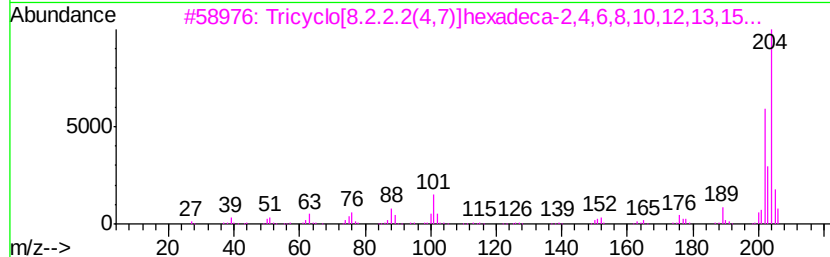
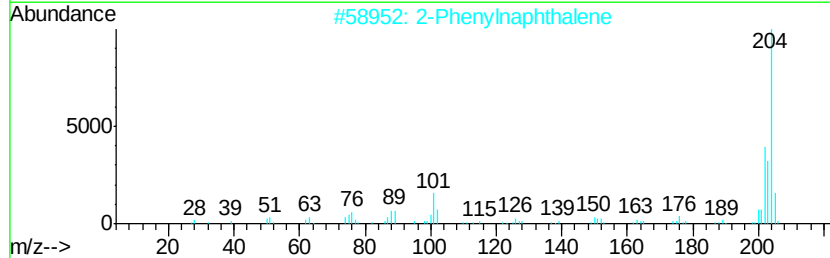
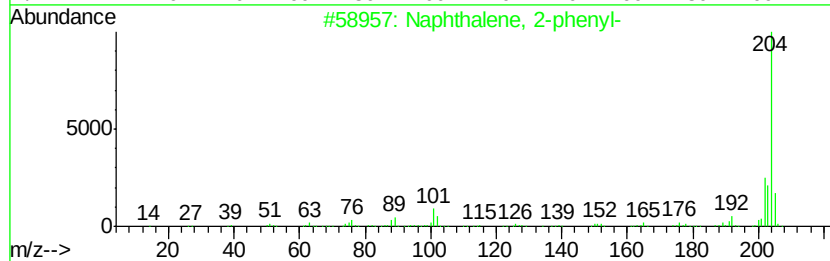
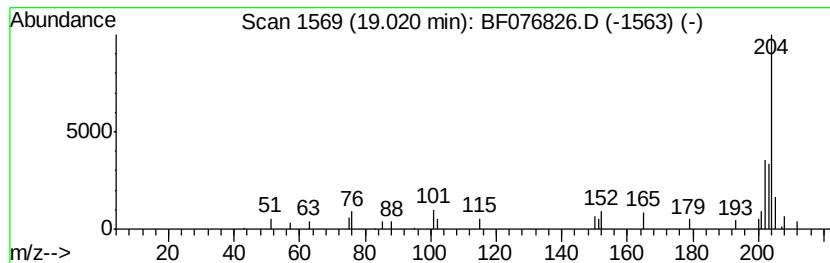
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 7 Naphthalene, 2-phenyl- Concentration Rank 8

| R.T.  | EstConc | Area  | Relative to ISTD | R.T.  |
|-------|---------|-------|------------------|-------|
| 19.02 | 2.80 ng | 52364 | Phenanthrene-d10 | 17.85 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------------|-----|---------|-------------|------|
| 1    | 5  | Naphthalene, 2-phenyl-              | 204 | C16H12  | 000612-94-2 | 64   |
| 2    |    | 2-Phenylnaphthalene                 | 204 | C16H12  | 035465-71-5 | 59   |
| 3    |    | Tricyclo[8.2.2.2(4,7)]hexadeca-2... | 204 | C16H12  | 006572-60-7 | 58   |
| 4    |    | 5,16[1',2'1:8,13[1'',2''1-Dibenz... | 408 | C32H24  | 005672-97-9 | 56   |
| 5    |    | 3,4-Biphenyldicarbonitrile          | 204 | C14H8N2 | 004128-63-6 | 50   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF011215\  
Data File : BF076826.D  
Acq On : 13 Jan 2015 3:01  
Operator : IZ / TP  
Sample : G1062-03  
Misc : S  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
SW-013

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF010915.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

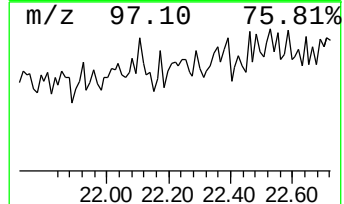
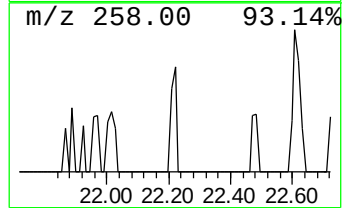
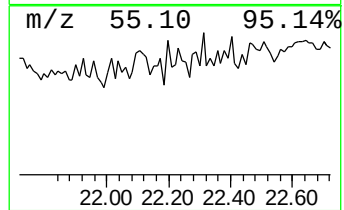
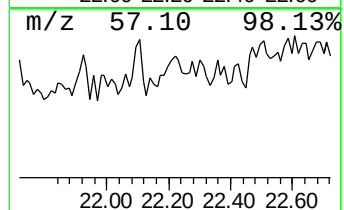
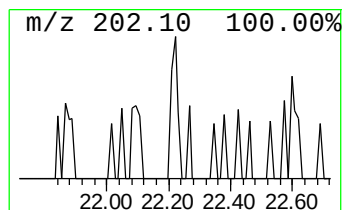
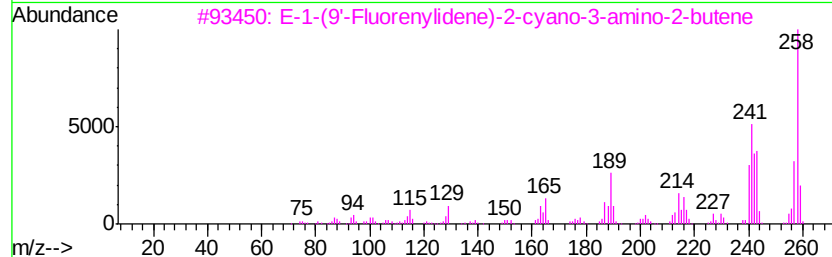
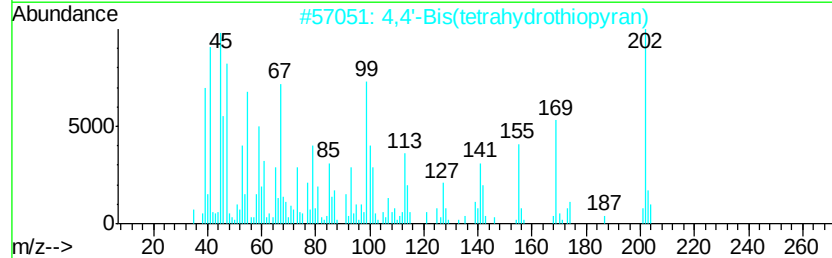
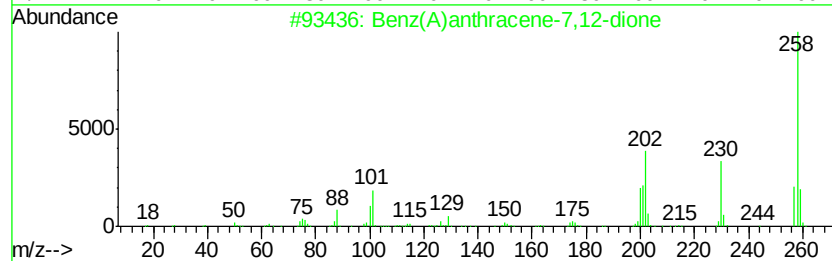
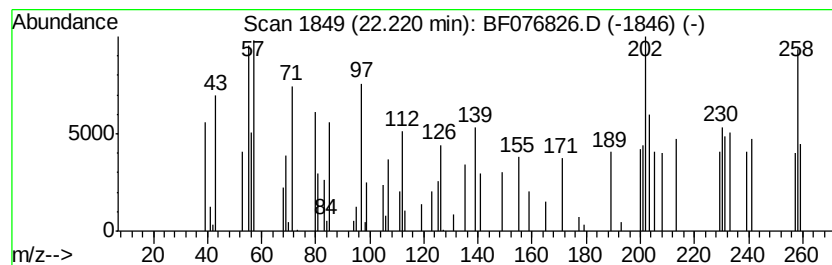
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 8 unknown22.22 Concentration Rank 9

| R.T.  | EstConc | Area  | Relative to ISTD | R.T.  |
|-------|---------|-------|------------------|-------|
| 22.22 | 2.43 ng | 43752 | Perylene-d12     | 22.99 |

| Hit# | of | Tentative ID                        | MW  | MolForm   | CAS#        | Qual |
|------|----|-------------------------------------|-----|-----------|-------------|------|
| 1    | 5  | Benz(A)anthracene-7,12-dione        | 258 | C18H10O2  | 002498-66-0 | 25   |
| 2    |    | 4,4'-Bis(tetrahydrothiopyran)       | 202 | C10H18S2  | 116196-83-9 | 25   |
| 3    |    | E-1-(9'-Fluorenylidene)-2-cyano-... | 258 | C18H14N2  | 083026-87-3 | 22   |
| 4    |    | 5,12-Naphthacenedione               | 258 | C18H10O2  | 001090-13-7 | 14   |
| 5    |    | 9-Borabicyclo[3.3.1]nonane, 9,9'... | 258 | C16H28B2O | 074744-62-0 | 10   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF011215\  
Data File : BF076826.D  
Acq On : 13 Jan 2015 3:01  
Operator : IZ / TP  
Sample : G1062-03  
Misc : S  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
SW-013

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF010915.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                      |       |         |       |          | #                     | RT    | Resp   | Conc |
| 2-Pentanone, 4-hy... | 4.24  | 20.6    | ng    | 217099   | 1                     | 8.08  | 210719 | 20.0 |
| unknown7.58          | 7.58  | 70.8    | ng    | 746484   | 1                     | 8.08  | 210719 | 20.0 |
| 1H-Cyclopropa[l]p... | 18.63 | 2.2     | ng    | 41840    | 4                     | 17.85 | 374155 | 20.0 |
| 4H-Cyclopenta[def... | 18.72 | 3.5     | ng    | 65466    | 4                     | 17.85 | 374155 | 20.0 |
| Naphthalene, 2-ph... | 19.02 | 2.8     | ng    | 52364    | 4                     | 17.85 | 374155 | 20.0 |
| unknown22.22         | 22.22 | 2.4     | ng    | 43752    | 6                     | 22.99 | 360778 | 20.0 |