

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\  
 Data File : BG020976.D  
 Acq On : 19 Feb 2016 17:37  
 Operator : SJ/UM  
 Sample : H1453-12  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 EGR-A-4

Integration Parameters: rteint.p  
 Integrator: RTE  
 Smoothing : ON  
 Sampling : 1  
 Start Thrs: 0.2  
 Stop Thrs : 0

Filtering: 5  
 Min Area: 3 % of largest Peak  
 Max Peaks: 100  
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
 Peak separation: 5

Method : Z:\HPCHEM1\BNA\_G\METHODS\8270-BG021116.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         | 3.237       | 61            | 68          | 78           | rBV      | 51605          | 97245         | 6.72%           | 0.961%        |
| 2         | 3.314       | 78            | 81          | 87           | rVB      | 25975          | 33833         | 2.34%           | 0.334%        |
| 3         | 5.311       | 412           | 421         | 433          | rBV      | 31781          | 49573         | 3.43%           | 0.490%        |
| 4         | 5.787       | 495           | 502         | 516          | rBV      | 186692         | 298966        | 20.66%          | 2.956%        |
| 5         | 7.396       | 769           | 776         | 789          | rVB      | 136069         | 236046        | 16.31%          | 2.334%        |
| 6         | 7.784       | 834           | 842         | 853          | rBV      | 342006         | 574673        | 39.71%          | 5.682%        |
| 7         | 8.260       | 912           | 923         | 928          | rBV      | 63078          | 106655        | 7.37%           | 1.054%        |
| 8         | 8.583       | 971           | 978         | 984          | rBV      | 284762         | 495902        | 34.26%          | 4.903%        |
| 9         | 8.636       | 984           | 987         | 993          | rVB      | 10198          | 14638         | 1.01%           | 0.145%        |
| 10        | 9.429       | 1115          | 1122        | 1132         | rVB      | 233736         | 433631        | 29.96%          | 4.287%        |
| 11        | 9.893       | 1196          | 1201        | 1206         | rVB      | 14386          | 22136         | 1.53%           | 0.219%        |
| 12        | 10.474      | 1294          | 1300        | 1307         | rVB2     | 43839          | 75969         | 5.25%           | 0.751%        |
| 13        | 11.085      | 1390          | 1404        | 1411         | rBV      | 114724         | 248532        | 17.17%          | 2.457%        |
| 14        | 11.191      | 1416          | 1422        | 1425         | rBV      | 15487          | 27367         | 1.89%           | 0.271%        |
| 15        | 11.285      | 1432          | 1438        | 1441         | rBV3     | 9346           | 15412         | 1.06%           | 0.152%        |
| 16        | 11.549      | 1478          | 1483        | 1489         | rVB5     | 8963           | 16315         | 1.13%           | 0.161%        |
| 17        | 11.661      | 1498          | 1502        | 1508         | rBV2     | 8496           | 17787         | 1.23%           | 0.176%        |
| 18        | 11.767      | 1517          | 1520        | 1528         | rVB4     | 13040          | 22744         | 1.57%           | 0.225%        |
| 19        | 11.984      | 1550          | 1557        | 1562         | rBV      | 18408          | 30224         | 2.09%           | 0.299%        |
| 20        | 12.072      | 1568          | 1572        | 1576         | rBV      | 17941          | 25183         | 1.74%           | 0.249%        |
| 21        | 12.172      | 1584          | 1589        | 1595         | rVB2     | 15234          | 24959         | 1.72%           | 0.247%        |
| 22        | 12.254      | 1598          | 1603        | 1610         | rVV5     | 15520          | 28503         | 1.97%           | 0.282%        |
| 23        | 12.384      | 1621          | 1625        | 1631         | rVB2     | 10432          | 17526         | 1.21%           | 0.173%        |
| 24        | 12.448      | 1631          | 1636        | 1643         | rBV4     | 12717          | 33740         | 2.33%           | 0.334%        |
| 25        | 12.607      | 1658          | 1663        | 1668         | rVB2     | 25558          | 39343         | 2.72%           | 0.389%        |
| 26        | 12.677      | 1668          | 1675        | 1679         | rVV8     | 12831          | 25311         | 1.75%           | 0.250%        |
| 27        | 12.718      | 1679          | 1682        | 1690         | rVV2     | 9469           | 15253         | 1.05%           | 0.151%        |
| 28        | 12.936      | 1710          | 1719        | 1728         | rBV3     | 50785          | 137497        | 9.50%           | 1.359%        |
| 29        | 13.147      | 1752          | 1755        | 1763         | rVB8     | 8038           | 14901         | 1.03%           | 0.147%        |
| 30        | 13.230      | 1763          | 1769        | 1773         | rBV4     | 12888          | 25449         | 1.76%           | 0.252%        |
| 31        | 13.394      | 1791          | 1797        | 1806         | rVB4     | 33699          | 59919         | 4.14%           | 0.592%        |
| 32        | 13.500      | 1808          | 1815        | 1822         | rVB      | 882985         | 1308708       | 90.43%          | 12.939%       |
| 33        | 13.676      | 1837          | 1845        | 1855         | rBV      | 16139          | 57286         | 3.96%           | 0.566%        |
| 34        | 13.811      | 1862          | 1868        | 1873         | rVB4     | 19587          | 35114         | 2.43%           | 0.347%        |

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\  
 Data File : BG020976.D  
 Acq On : 19 Feb 2016 17:37  
 Operator : SJ/UM  
 Sample : H1453-12  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 EGR-A-4

Integration Parameters: rteint.p  
 Integrator: RTE  
 Smoothing : ON  
 Sampling : 1  
 Start Thrs: 0.2  
 Stop Thrs : 0

Filtering: 5  
 Min Area: 3 % of largest Peak  
 Max Peaks: 100  
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
 Peak separation: 5

Method : Z:\HPCHEM1\BNA\_G\METHODS\8270-BG021116.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|    |        |      |      |      |       |         |         |         |         |
|----|--------|------|------|------|-------|---------|---------|---------|---------|
| 35 | 14.034 | 1899 | 1906 | 1908 | rBV2  | 51778   | 91228   | 6.30%   | 0.902%  |
| 36 | 14.193 | 1927 | 1933 | 1938 | rBV   | 93314   | 165061  | 11.40%  | 1.632%  |
| 37 | 14.246 | 1938 | 1942 | 1947 | rVB2  | 50455   | 73803   | 5.10%   | 0.730%  |
| 38 | 14.322 | 1947 | 1955 | 1961 | rVB2  | 57242   | 138348  | 9.56%   | 1.368%  |
| 39 | 14.428 | 1968 | 1973 | 1977 | rBV   | 40783   | 76411   | 5.28%   | 0.755%  |
| 40 | 14.592 | 1997 | 2001 | 2010 | rBV2  | 22020   | 38791   | 2.68%   | 0.384%  |
| 41 | 14.739 | 2023 | 2026 | 2030 | rVB2  | 15924   | 16932   | 1.17%   | 0.167%  |
| 42 | 14.868 | 2042 | 2048 | 2054 | rVB2  | 192936  | 313192  | 21.64%  | 3.096%  |
| 43 | 14.939 | 2058 | 2060 | 2065 | rVB5  | 14097   | 19355   | 1.34%   | 0.191%  |
| 44 | 15.074 | 2078 | 2083 | 2092 | rVB3  | 28821   | 66149   | 4.57%   | 0.654%  |
| 45 | 15.150 | 2093 | 2096 | 2098 | rBV3  | 12906   | 16540   | 1.14%   | 0.164%  |
| 46 | 15.256 | 2107 | 2114 | 2122 | rVB3  | 45824   | 91692   | 6.34%   | 0.907%  |
| 47 | 15.333 | 2122 | 2127 | 2137 | rBV3  | 38566   | 81767   | 5.65%   | 0.808%  |
| 48 | 15.474 | 2146 | 2151 | 2156 | rBV   | 41873   | 80740   | 5.58%   | 0.798%  |
| 49 | 15.526 | 2157 | 2160 | 2165 | rVV   | 27234   | 42960   | 2.97%   | 0.425%  |
| 50 | 15.579 | 2165 | 2169 | 2173 | rVV6  | 10071   | 19470   | 1.35%   | 0.192%  |
| 51 | 15.644 | 2173 | 2180 | 2183 | rVV2  | 40691   | 87342   | 6.03%   | 0.864%  |
| 52 | 15.679 | 2184 | 2186 | 2191 | rVV   | 44565   | 58485   | 4.04%   | 0.578%  |
| 53 | 15.744 | 2193 | 2197 | 2200 | rVV5  | 11146   | 21629   | 1.49%   | 0.214%  |
| 54 | 15.791 | 2201 | 2205 | 2214 | rVB10 | 13453   | 36994   | 2.56%   | 0.366%  |
| 55 | 16.037 | 2243 | 2247 | 2250 | rBV2  | 17508   | 28242   | 1.95%   | 0.279%  |
| 56 | 16.084 | 2251 | 2255 | 2265 | rVB2  | 48967   | 107028  | 7.40%   | 1.058%  |
| 57 | 16.349 | 2294 | 2300 | 2308 | rVB2  | 552180  | 804587  | 55.59%  | 7.955%  |
| 58 | 16.566 | 2329 | 2337 | 2349 | rVB3  | 91146   | 188345  | 13.01%  | 1.862%  |
| 59 | 16.707 | 2359 | 2361 | 2366 | rVB4  | 12664   | 19147   | 1.32%   | 0.189%  |
| 60 | 16.960 | 2399 | 2404 | 2409 | rBV6  | 12787   | 25130   | 1.74%   | 0.248%  |
| 61 | 17.383 | 2472 | 2476 | 2481 | rVV   | 46570   | 66676   | 4.61%   | 0.659%  |
| 62 | 17.606 | 2508 | 2514 | 2519 | rBV   | 216547  | 331887  | 22.93%  | 3.281%  |
| 63 | 18.464 | 2656 | 2660 | 2665 | rBV3  | 47090   | 77803   | 5.38%   | 0.769%  |
| 64 | 19.198 | 2783 | 2785 | 2791 | rVB7  | 10805   | 17080   | 1.18%   | 0.169%  |
| 65 | 19.374 | 2811 | 2815 | 2819 | rBV   | 16573   | 24361   | 1.68%   | 0.241%  |
| 66 | 19.721 | 2870 | 2874 | 2879 | rBV3  | 31432   | 46649   | 3.22%   | 0.461%  |
| 67 | 20.185 | 2947 | 2953 | 2960 | rBV   | 1130905 | 1447282 | 100.00% | 14.309% |
| 68 | 21.747 | 3216 | 3219 | 3223 | rVB   | 11607   | 14997   | 1.04%   | 0.148%  |
| 69 | 21.883 | 3236 | 3242 | 3248 | rVB   | 215999  | 357107  | 24.67%  | 3.531%  |
| 70 | 25.249 | 3805 | 3815 | 3829 | rVB2  | 121928  | 355093  | 24.54%  | 3.511%  |

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\  
Data File : BG020976.D  
Acq On : 19 Feb 2016 17:37  
Operator : SJ/UM  
Sample : H1453-12  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
EGR-A-4

Integration Parameters: rteint.p  
Integrator: RTE  
Smoothing : ON Filtering: 5  
Sampling : 1 Min Area: 3 % of largest Peak  
Start Thrs: 0.2 Max Peaks: 100  
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
Peak separation: 5

Method : Z:\HPCHEM1\BNA\_G\METHODS\8270-BG021116.M  
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

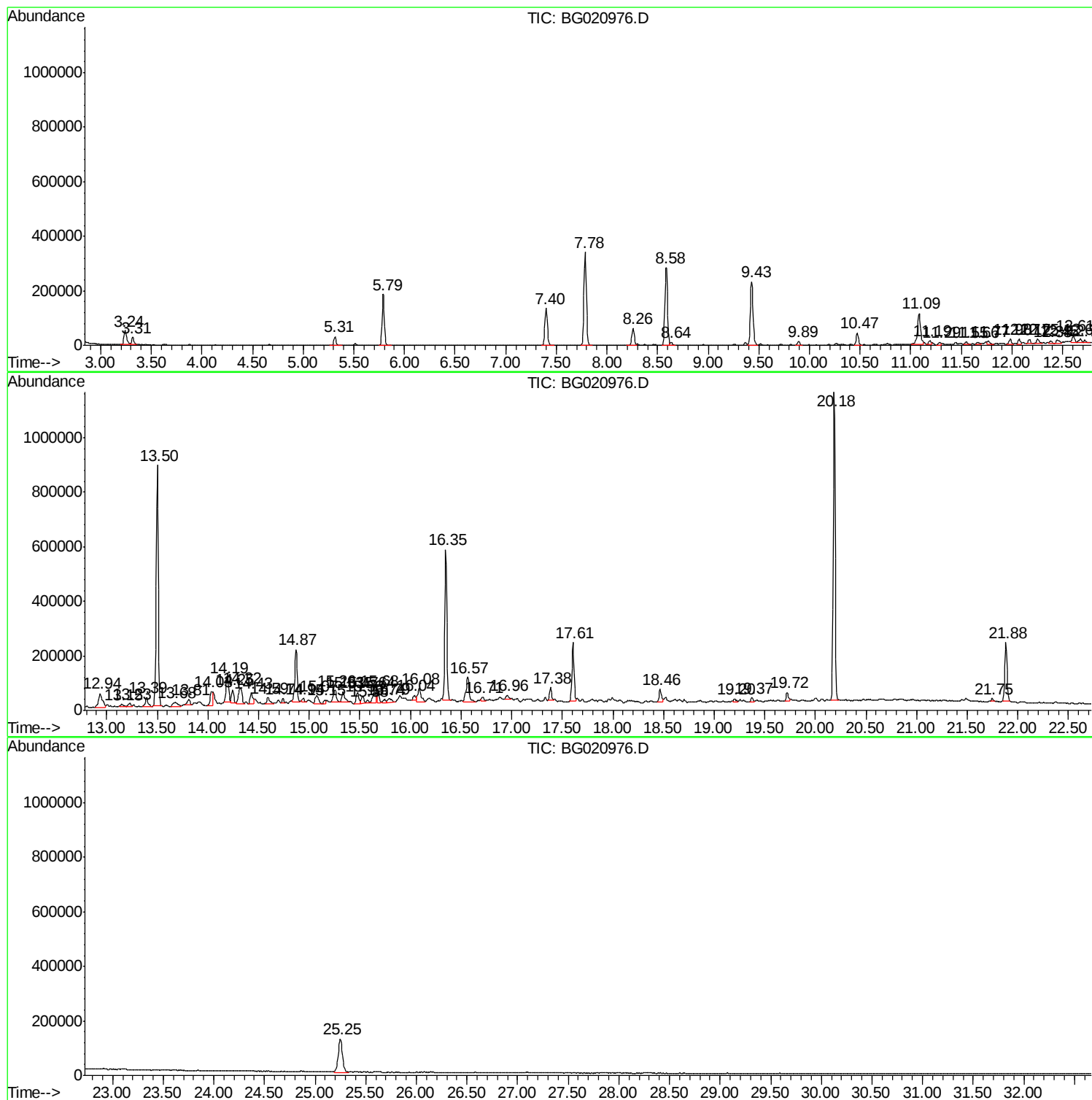
Sum of corrected areas: 10114643

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\  
Data File : BG020976.D  
Acq On : 19 Feb 2016 17:37  
Operator : SJ/UM  
Sample : H1453-12  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
EGR-A-4

Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021116.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 G\DATA\BG021916\  
Data File : BG020976.D  
Acq On : 19 Feb 2016 17:37  
Operator : SJ/UM  
Sample : H1453-12  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
EGR-A-4

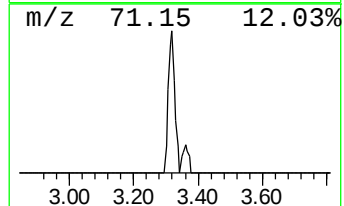
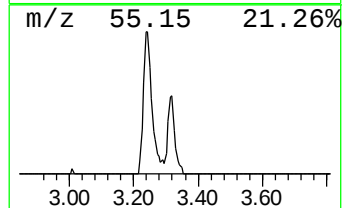
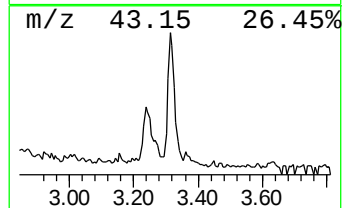
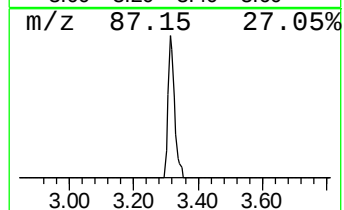
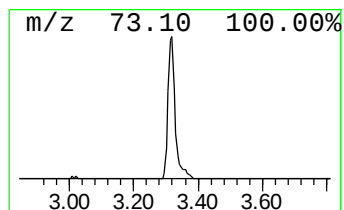
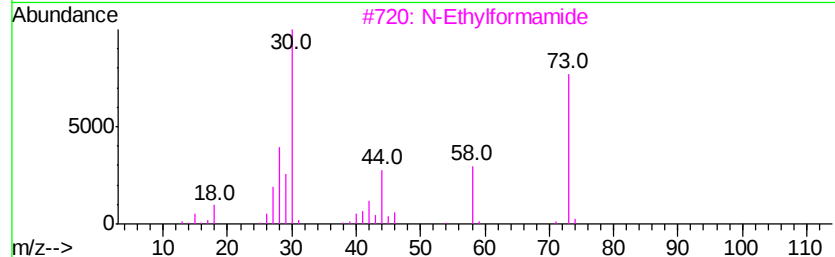
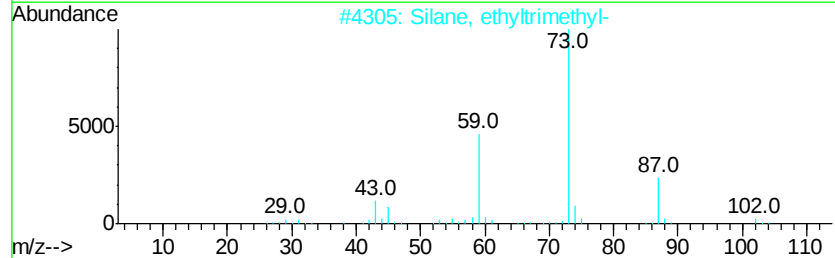
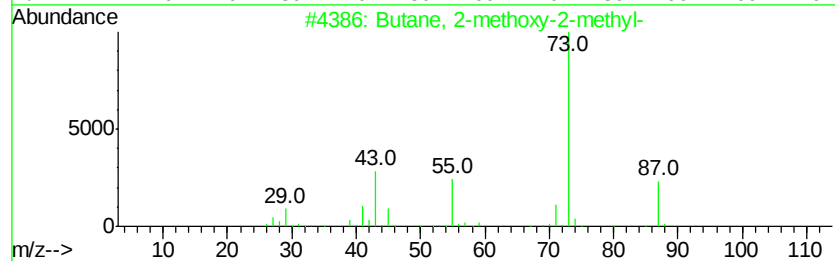
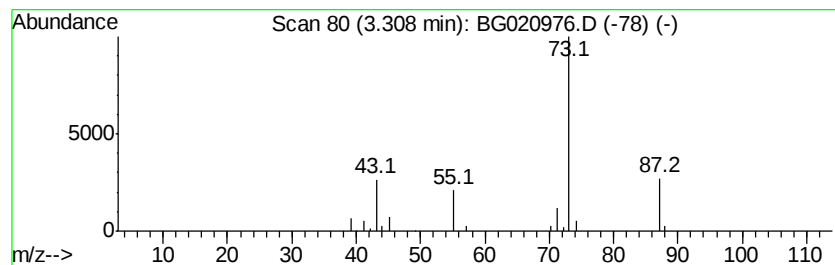
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021116.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 8

| R.T. | EstConc | Area  | Relative to ISTD       | R.T. |
|------|---------|-------|------------------------|------|
| 3.31 | 6.34 ng | 33833 | 1,4-Dichlorobenzene-d4 | 8.26 |

| Hit# | of | 5 | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------------|-----|---------|-------------|------|
| 1    |    |   | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 90   |
| 2    |    |   | Silane, ethyltrimethyl-     | 102 | C5H14Si | 003439-38-1 | 36   |
| 3    |    |   | N-Ethylformamide            | 73  | C3H7NO  | 000627-45-2 | 9    |
| 4    |    |   | Acetamide, N-ethyl-         | 87  | C4H9NO  | 000625-50-3 | 9    |
| 5    |    |   | Pentane, 3-methoxy-         | 102 | C6H14O  | 036839-67-5 | 9    |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\  
Data File : BG020976.D  
Acq On : 19 Feb 2016 17:37  
Operator : SJ/UM  
Sample : H1453-12  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
EGR-A-4

Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021116.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

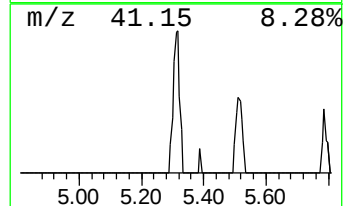
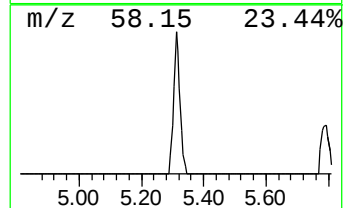
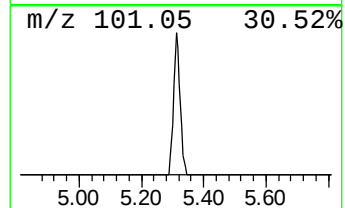
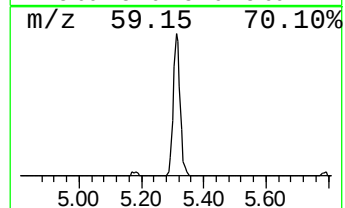
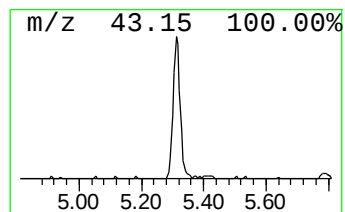
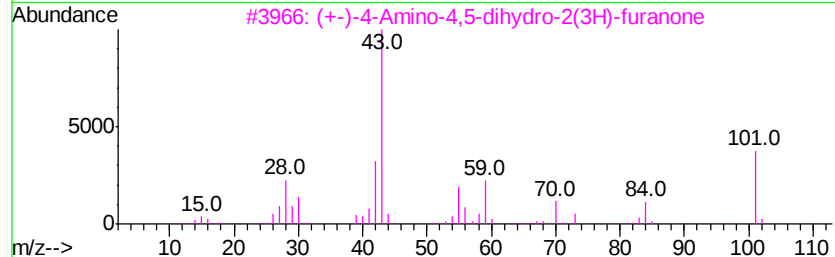
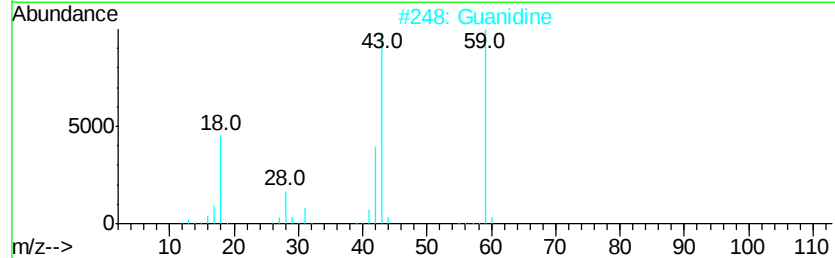
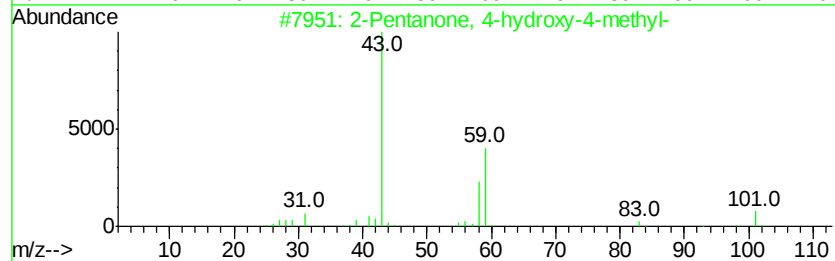
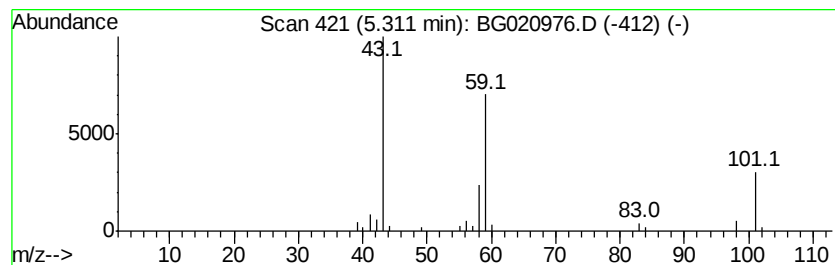
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 3 unknown5.31 Concentration Rank 6

| R.T. | EstConc | Area  | Relative to ISTD       | R.T. |
|------|---------|-------|------------------------|------|
| 5.31 | 9.30 ng | 49573 | 1,4-Dichlorobenzene-d4 | 8.26 |

| Hit# | of 5 | Tentative ID                           | MW  | MolForm | CAS#        | Qual |
|------|------|----------------------------------------|-----|---------|-------------|------|
| 1    |      | 2-Pentanone, 4-hydroxy-4-methyl-       | 116 | C6H12O2 | 000123-42-2 | 42   |
| 2    |      | Guanidine                              | 59  | CH5N3   | 000113-00-8 | 38   |
| 3    |      | (+)-4-Amino-4,5-dihydro-2(3H)-furanone | 101 | C4H7NO2 | 016504-58-8 | 37   |
| 4    |      | 2-Pentanol, 2,4-dimethyl-              | 116 | C7H16O  | 000625-06-9 | 23   |
| 5    |      | Propane, 1-ethoxy-2-methyl-            | 102 | C6H14O  | 000627-02-1 | 12   |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\  
Data File : BG020976.D  
Acq On : 19 Feb 2016 17:37  
Operator : SJ/UM  
Sample : H1453-12  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
EGR-A-4

Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021116.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

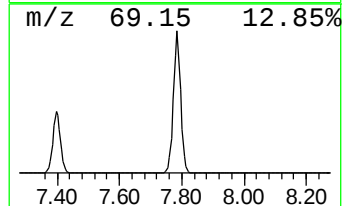
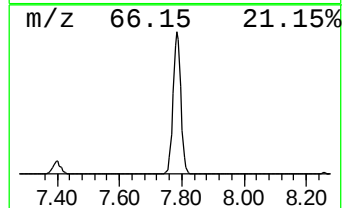
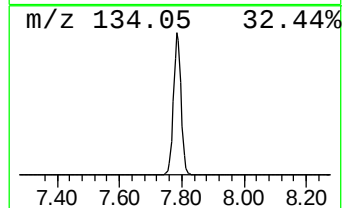
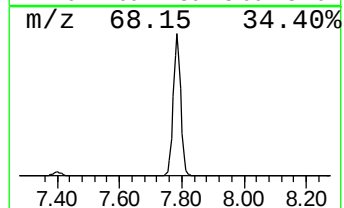
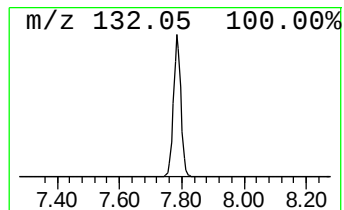
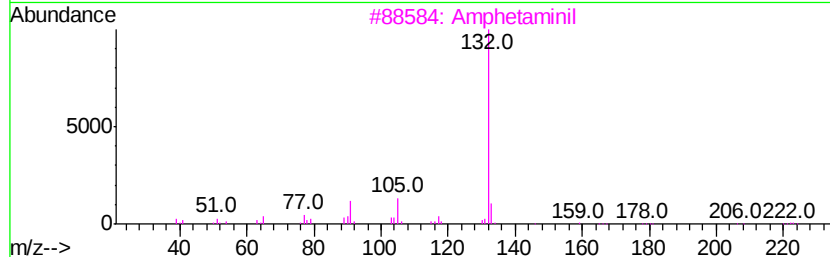
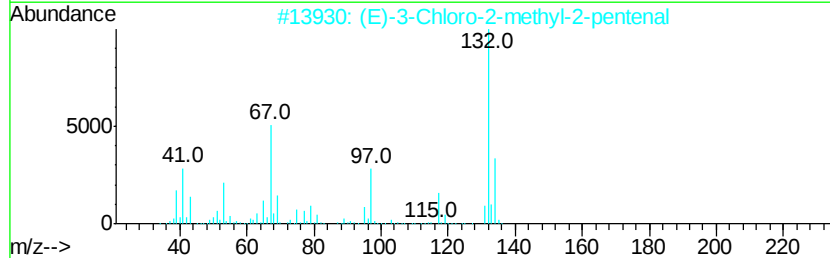
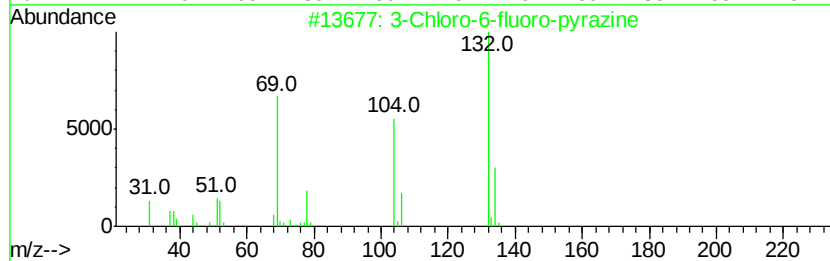
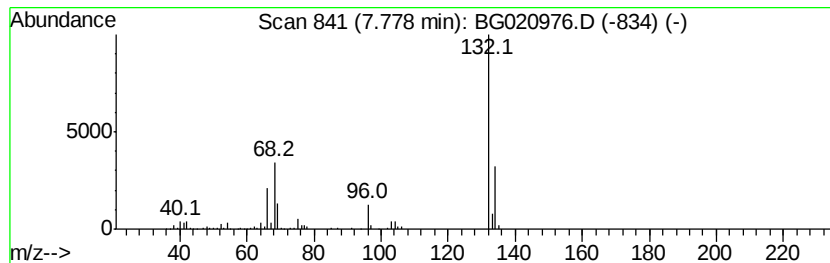
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 4 unknown7.78 Concentration Rank 1

| R.T. | EstConc   | Area   | Relative to ISTD       | R.T. |
|------|-----------|--------|------------------------|------|
| 7.78 | 107.76 ng | 574673 | 1,4-Dichlorobenzene-d4 | 8.26 |

| Hit# | of | Tentative ID                     | MW  | MolForm   | CAS#         | Qual |
|------|----|----------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 3-Chloro-6-fluoro-pyrazine       | 132 | C4H2ClFN2 | 1000146-10-7 | 47   |
| 2    |    | (E)-3-Chloro-2-methyl-2-pentenal | 132 | C6H9ClO   | 031357-76-3  | 38   |
| 3    |    | Amphetaminil                     | 250 | C17H18N2  | 017590-01-1  | 25   |
| 4    |    | 5-Fluoro-2-chloropyrimidine      | 132 | C4H2ClFN2 | 062802-42-0  | 9    |
| 5    |    | 4-Chloro-2-fluoro-pyrimidine     | 132 | C4H2ClFN2 | 051422-00-5  | 9    |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\  
Data File : BG020976.D  
Acq On : 19 Feb 2016 17:37  
Operator : SJ/UM  
Sample : H1453-12  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
EGR-A-4

Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021116.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

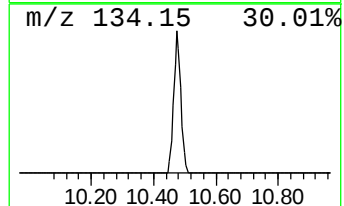
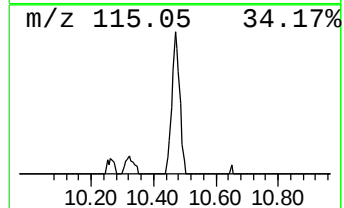
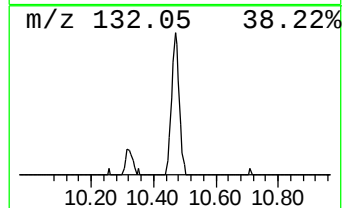
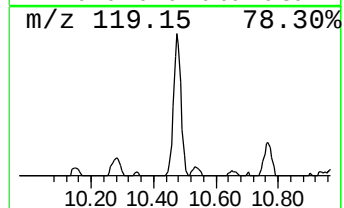
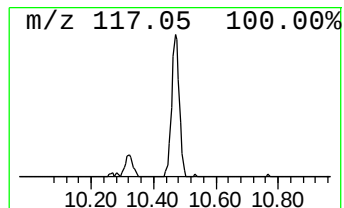
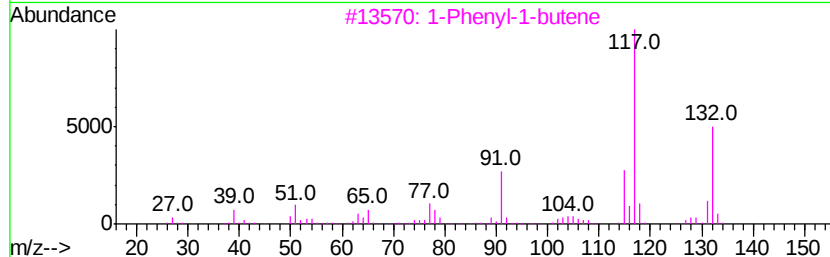
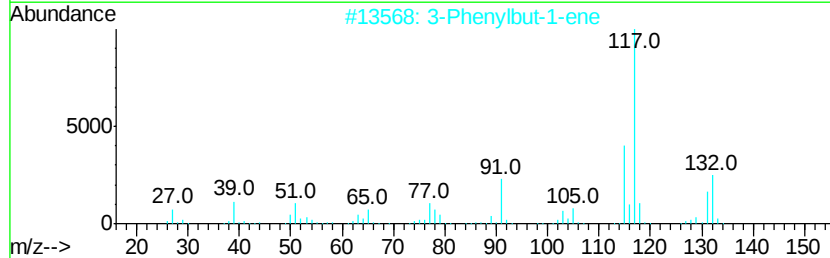
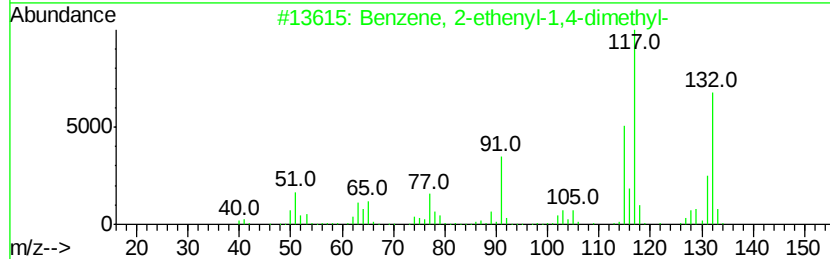
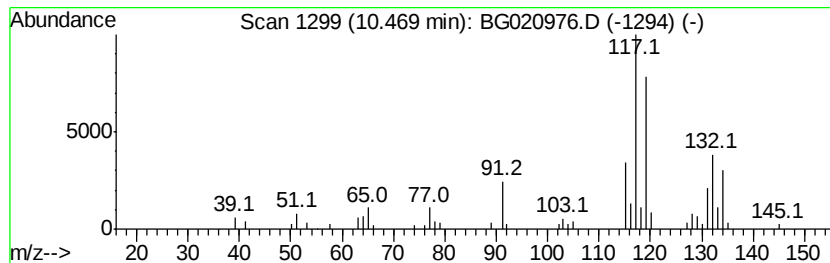
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 6 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 9

| R.T.  | EstConc | Area  | Relative to ISTD | R.T.  |
|-------|---------|-------|------------------|-------|
| 10.47 | 6.11 ng | 75969 | Napthalene-d8    | 11.09 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------------|-----|---------|-------------|------|
| 1    | 5  | Benzene, 2-ethenyl-1,4-dimethyl-    | 132 | C10H12  | 002039-89-6 | 80   |
| 2    |    | 3-Phenylbut-1-ene                   | 132 | C10H12  | 000934-10-1 | 55   |
| 3    |    | 1-Phenyl-1-butene                   | 132 | C10H12  | 000824-90-8 | 55   |
| 4    |    | Benzene, 1-methyl-2-(2-propenyl)-   | 132 | C10H12  | 001587-04-8 | 50   |
| 5    |    | Benzene, 1-methyl-2-(1-methyleth... | 134 | C10H14  | 000527-84-4 | 50   |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\  
Data File : BG020976.D  
Acq On : 19 Feb 2016 17:37  
Operator : SJ/UM  
Sample : H1453-12  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
EGR-A-4

Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021116.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

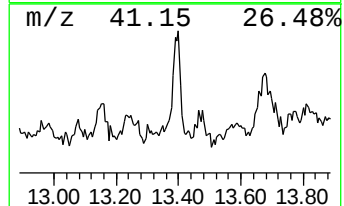
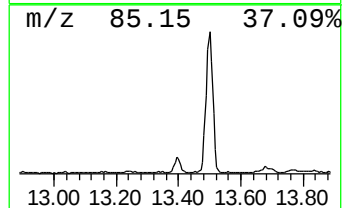
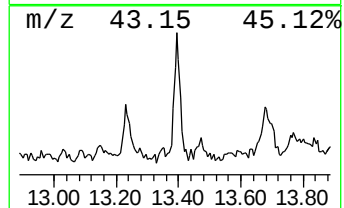
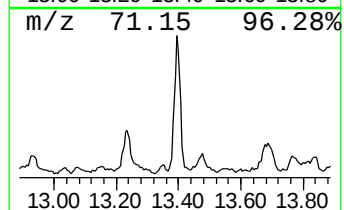
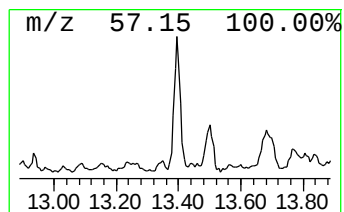
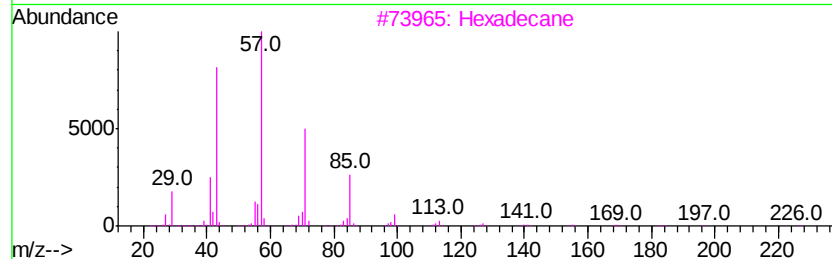
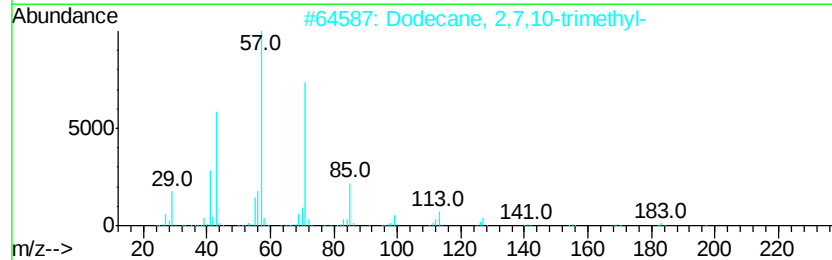
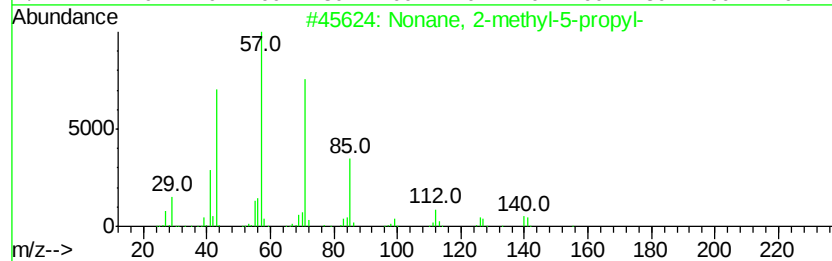
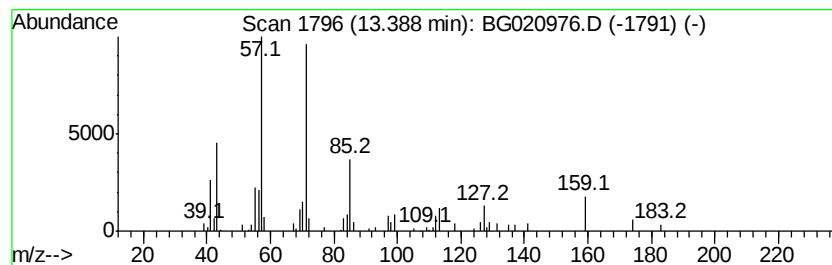
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 7 Nonane, 2-methyl-5-propyl- Concentration Rank 20

| R.T.  | EstConc | Area  | Relative to ISTD | R.T.  |
|-------|---------|-------|------------------|-------|
| 13.39 | 3.83 ng | 59919 | Acenaphthene-d10 | 14.87 |

| Hit# | of | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|-----------------------------|-----|---------|-------------|------|
| 1    | 5  | Nonane, 2-methyl-5-propyl-  | 184 | C13H28  | 031081-17-1 | 59   |
| 2    |    | Dodecane, 2,7,10-trimethyl- | 212 | C15H32  | 074645-98-0 | 58   |
| 3    |    | Hexadecane                  | 226 | C16H34  | 000544-76-3 | 50   |
| 4    |    | Octane, 2,6-dimethyl-       | 142 | C10H22  | 002051-30-1 | 47   |
| 5    |    | Octane, 3,6-dimethyl-       | 142 | C10H22  | 015869-94-0 | 47   |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\  
Data File : BG020976.D  
Acq On : 19 Feb 2016 17:37  
Operator : SJ/UM  
Sample : H1453-12  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
EGR-A-4

Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021116.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

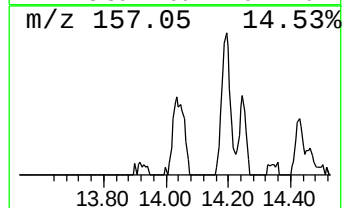
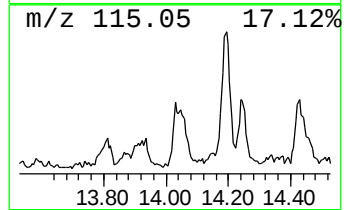
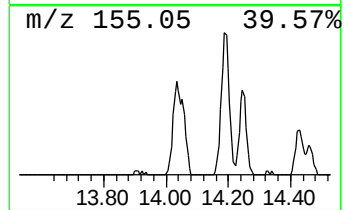
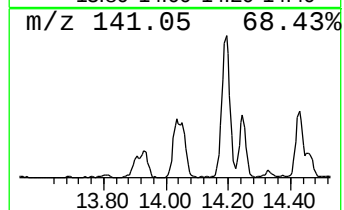
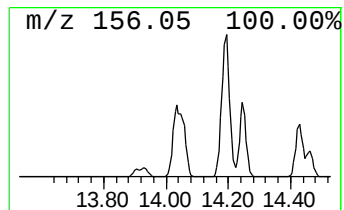
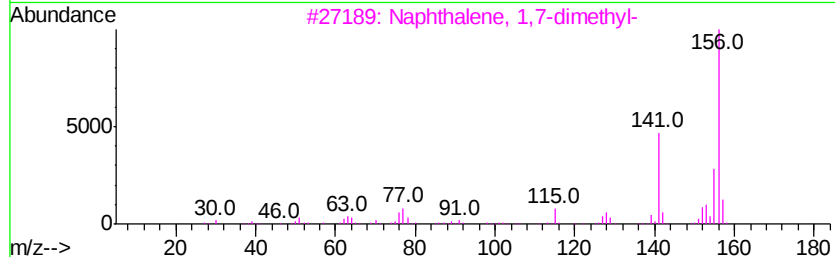
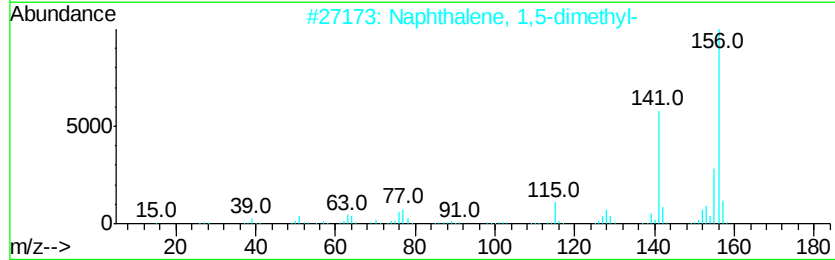
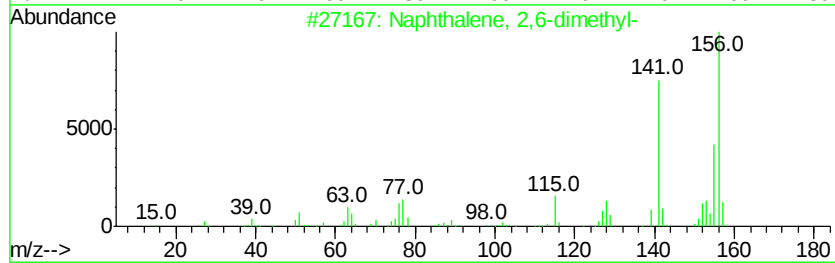
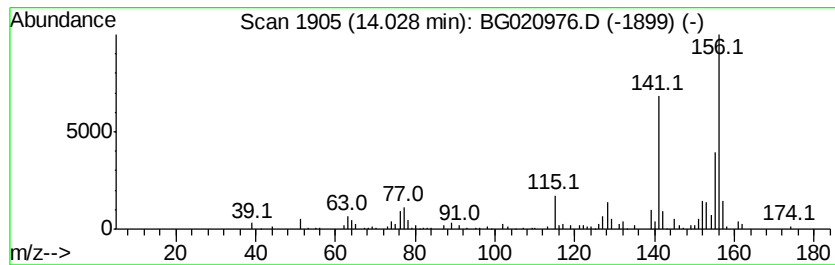
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 8 Naphthalene, 2,6-dimethyl- Concentration Rank 11

| R.T.  | EstConc | Area  | Relative to ISTD | R.T.  |
|-------|---------|-------|------------------|-------|
| 14.03 | 5.83 ng | 91228 | Acenaphthene-d10 | 14.87 |

| Hit# | of | 5 | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------|-----|---------|-------------|------|
| 1    |    |   | Naphthalene, 2,6-dimethyl- | 156 | C12H12  | 000581-42-0 | 97   |
| 2    |    |   | Naphthalene, 1,5-dimethyl- | 156 | C12H12  | 000571-61-9 | 97   |
| 3    |    |   | Naphthalene, 1,7-dimethyl- | 156 | C12H12  | 000575-37-1 | 97   |
| 4    |    |   | Naphthalene, 1,6-dimethyl- | 156 | C12H12  | 000575-43-9 | 96   |
| 5    |    |   | Naphthalene, 2,7-dimethyl- | 156 | C12H12  | 000582-16-1 | 96   |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\  
Data File : BG020976.D  
Acq On : 19 Feb 2016 17:37  
Operator : SJ/UM  
Sample : H1453-12  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
EGR-A-4

Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021116.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

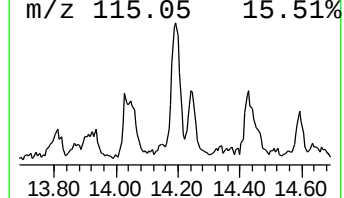
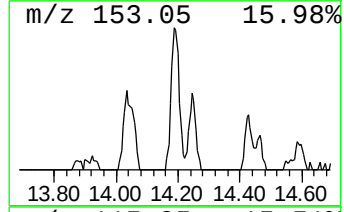
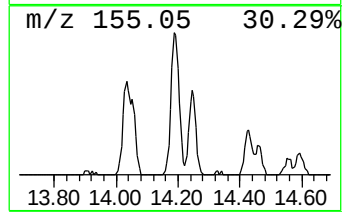
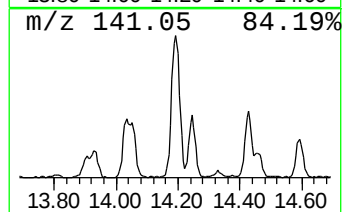
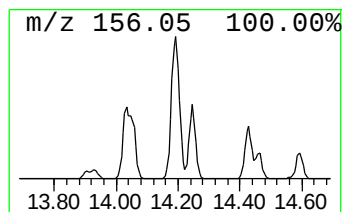
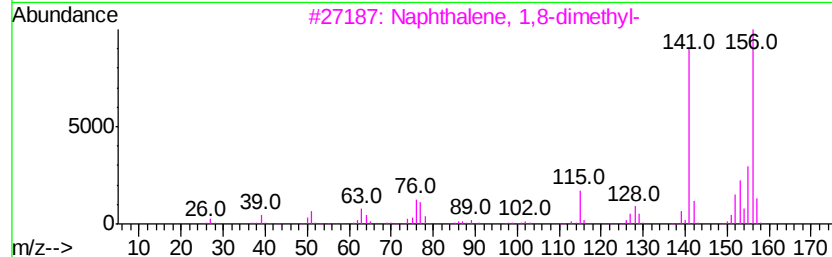
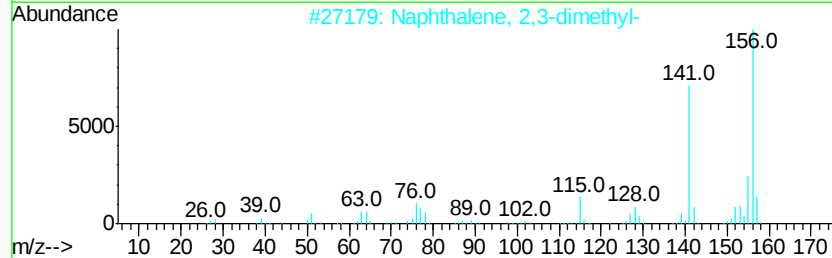
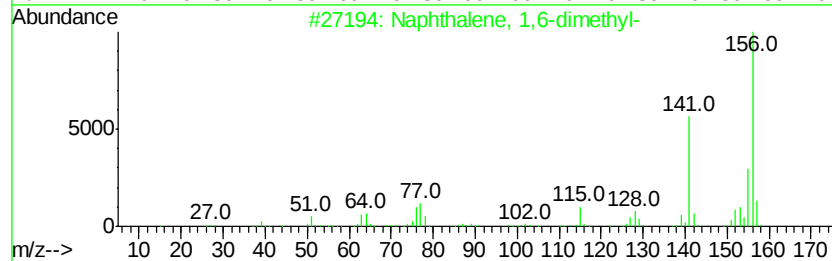
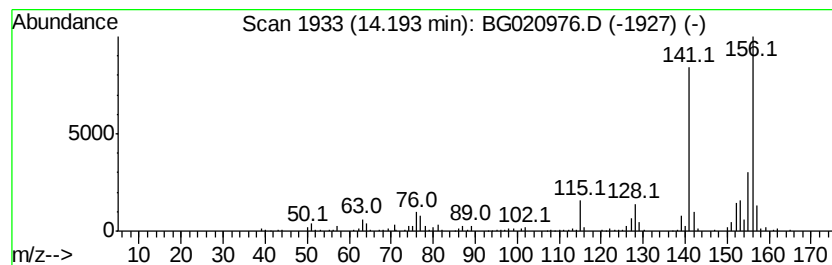
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 9 Naphthalene, 1,6-dimethyl- Concentration Rank 5

| R.T.  | EstConc  | Area   | Relative to ISTD | R.T.  |
|-------|----------|--------|------------------|-------|
| 14.19 | 10.54 ng | 165061 | Acenaphthene-d10 | 14.87 |

| Hit# | of | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|----------------------------|-----|---------|-------------|------|
| 1    | 5  | Naphthalene, 1,6-dimethyl- | 156 | C12H12  | 000575-43-9 | 97   |
| 2    |    | Naphthalene, 2,3-dimethyl- | 156 | C12H12  | 000581-40-8 | 97   |
| 3    |    | Naphthalene, 1,8-dimethyl- | 156 | C12H12  | 000569-41-5 | 97   |
| 4    |    | Naphthalene, 1,4-dimethyl- | 156 | C12H12  | 000571-58-4 | 97   |
| 5    |    | Naphthalene, 1,5-dimethyl- | 156 | C12H12  | 000571-61-9 | 97   |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\  
Data File : BG020976.D  
Acq On : 19 Feb 2016 17:37  
Operator : SJ/UM  
Sample : H1453-12  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
EGR-A-4

Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021116.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

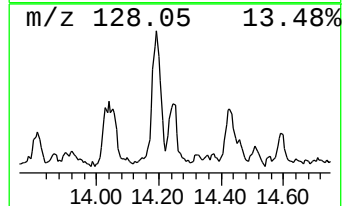
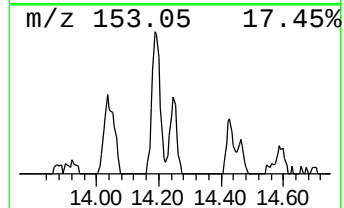
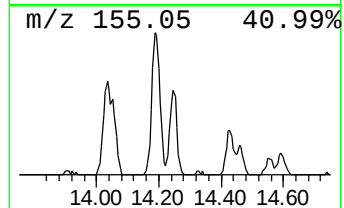
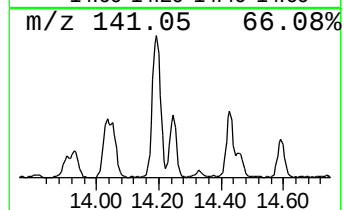
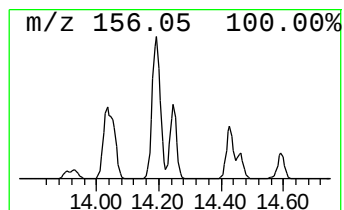
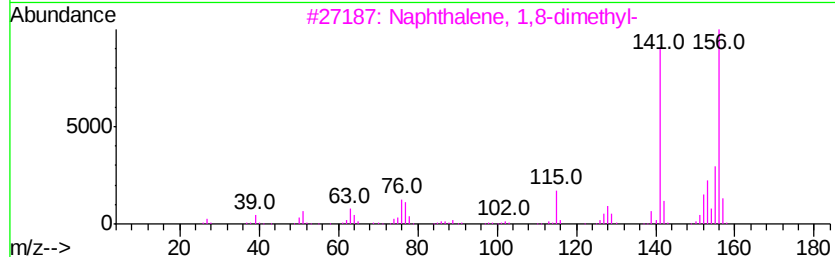
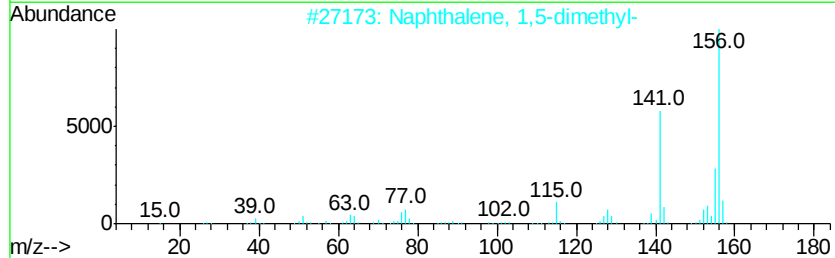
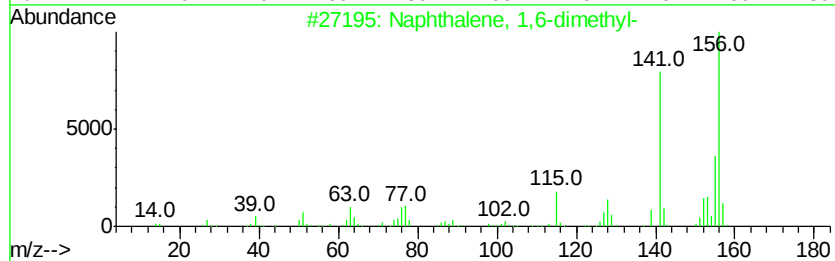
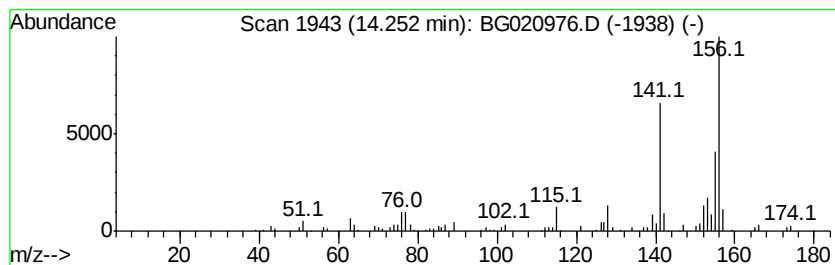
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 10 Naphthalene, 1,5-dimethyl- Concentration Rank 16

| R.T.  | EstConc | Area  | Relative to ISTD | R.T.  |
|-------|---------|-------|------------------|-------|
| 14.25 | 4.71 ng | 73803 | Acenaphthene-d10 | 14.87 |

| Hit# | of | 5 | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------|-----|---------|-------------|------|
| 1    |    |   | Naphthalene, 1,6-dimethyl- | 156 | C12H12  | 000575-43-9 | 96   |
| 2    |    |   | Naphthalene, 1,5-dimethyl- | 156 | C12H12  | 000571-61-9 | 96   |
| 3    |    |   | Naphthalene, 1,8-dimethyl- | 156 | C12H12  | 000569-41-5 | 96   |
| 4    |    |   | Naphthalene, 2,3-dimethyl- | 156 | C12H12  | 000581-40-8 | 95   |
| 5    |    |   | Naphthalene, 2,7-dimethyl- | 156 | C12H12  | 000582-16-1 | 95   |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\  
Data File : BG020976.D  
Acq On : 19 Feb 2016 17:37  
Operator : SJ/UM  
Sample : H1453-12  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
EGR-A-4

Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021116.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

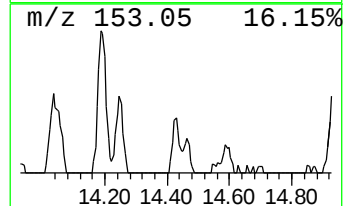
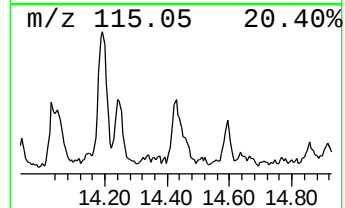
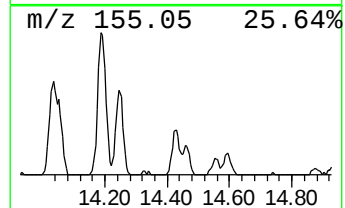
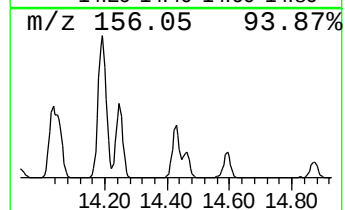
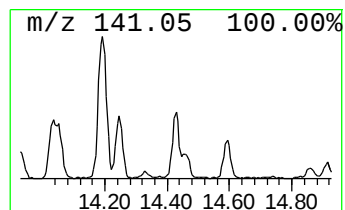
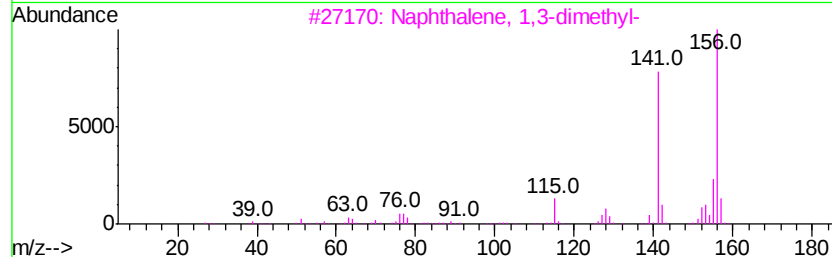
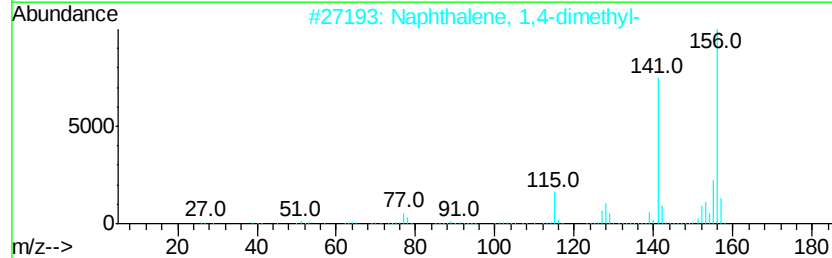
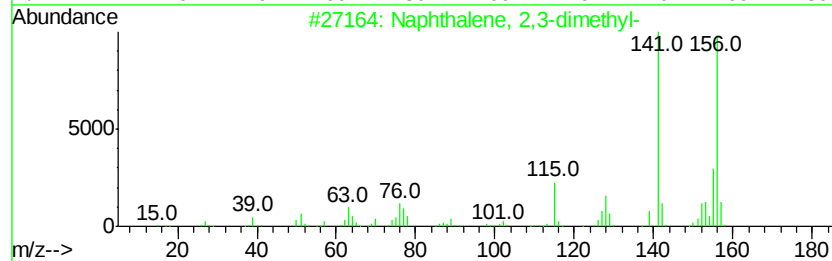
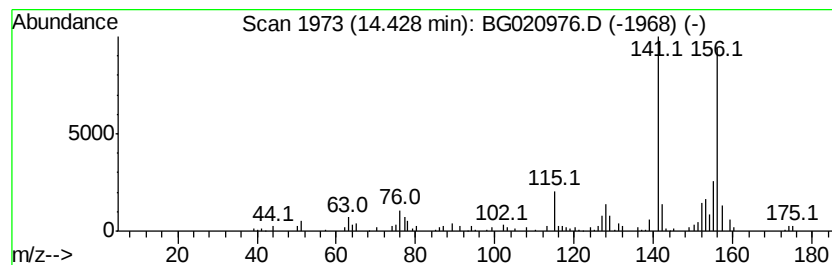
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 11 Naphthalene, 2,3-dimethyl- Concentration Rank 15

| R.T.  | EstConc | Area  | Relative to ISTD | R.T.  |
|-------|---------|-------|------------------|-------|
| 14.43 | 4.88 ng | 76411 | Acenaphthene-d10 | 14.87 |

| Hit# | of | 5 | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------|-----|---------|-------------|------|
| 1    |    |   | Naphthalene, 2,3-dimethyl- | 156 | C12H12  | 000581-40-8 | 98   |
| 2    |    |   | Naphthalene, 1,4-dimethyl- | 156 | C12H12  | 000571-58-4 | 96   |
| 3    |    |   | Naphthalene, 1,3-dimethyl- | 156 | C12H12  | 000575-41-7 | 95   |
| 4    |    |   | Naphthalene, 1,8-dimethyl- | 156 | C12H12  | 000569-41-5 | 94   |
| 5    |    |   | Naphthalene, 1,6-dimethyl- | 156 | C12H12  | 000575-43-9 | 93   |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\  
Data File : BG020976.D  
Acq On : 19 Feb 2016 17:37  
Operator : SJ/UM  
Sample : H1453-12  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
EGR-A-4

Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021116.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

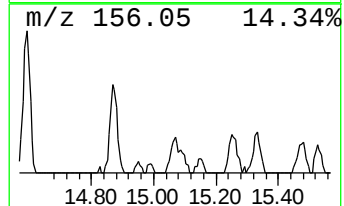
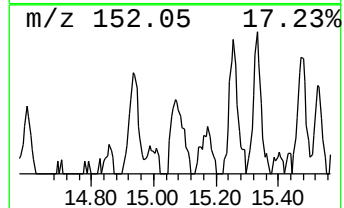
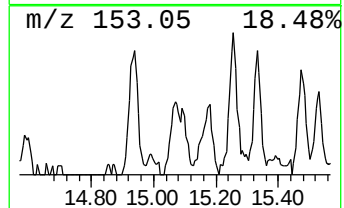
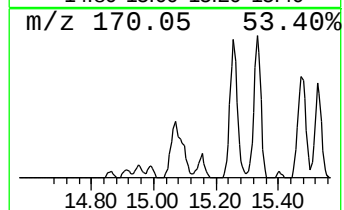
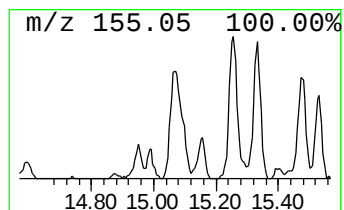
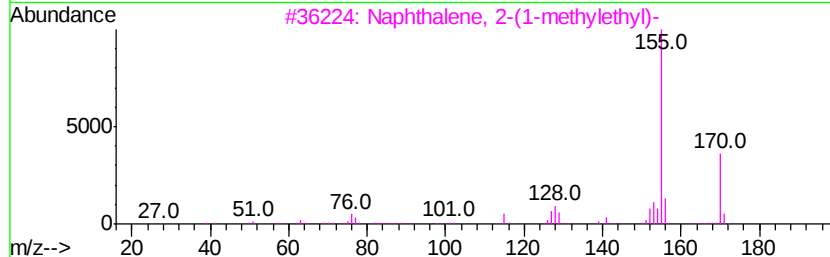
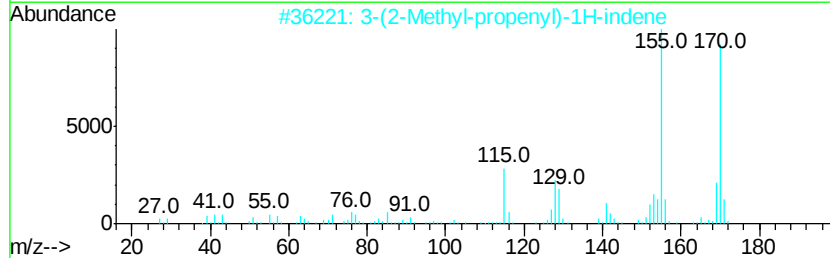
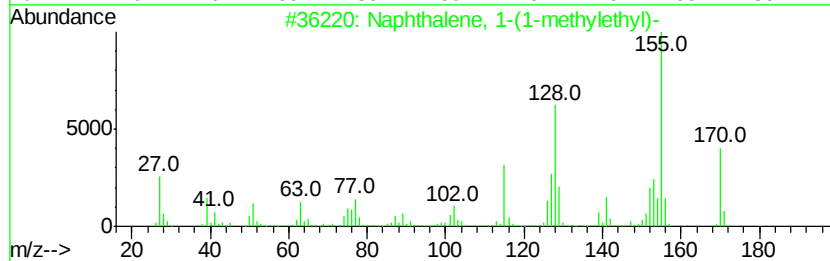
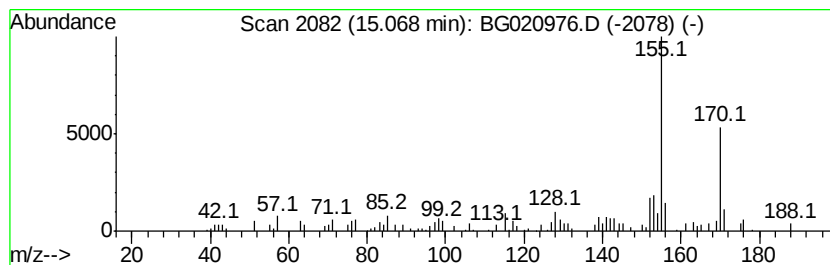
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 12 Naphthalene, 1-(1-methyleth... Concentration Rank 18

| R.T.  | EstConc | Area  | Relative to ISTD | R.T.  |
|-------|---------|-------|------------------|-------|
| 15.07 | 4.22 ng | 66149 | Acenaphthene-d10 | 14.87 |

| Hit# | of | Tentative ID                    | MW  | MolForm | CAS#         | Qual |
|------|----|---------------------------------|-----|---------|--------------|------|
| 1    | 5  | Naphthalene, 1-(1-methylethyl)- | 170 | C13H14  | 006158-45-8  | 91   |
| 2    |    | 3-(2-Methyl-propenyl)-1H-indene | 170 | C13H14  | 1000187-78-5 | 91   |
| 3    |    | Naphthalene, 2-(1-methylethyl)- | 170 | C13H14  | 002027-17-0  | 87   |
| 4    |    | Naphthalene, 1,4,6-trimethyl-   | 170 | C13H14  | 002131-42-2  | 70   |
| 5    |    | Naphthalene, 1,4,5-trimethyl-   | 170 | C13H14  | 002131-41-1  | 64   |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\  
Data File : BG020976.D  
Acq On : 19 Feb 2016 17:37  
Operator : SJ/UM  
Sample : H1453-12  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
EGR-A-4

Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021116.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

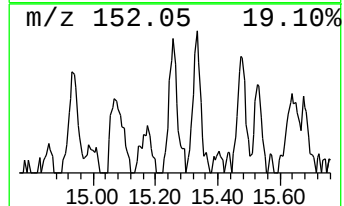
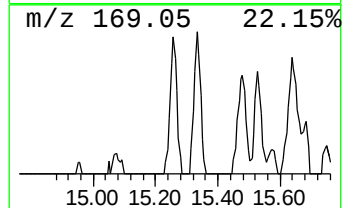
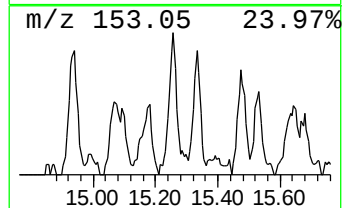
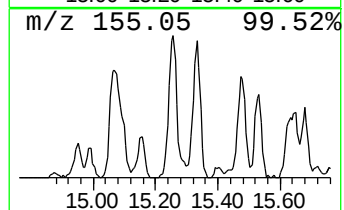
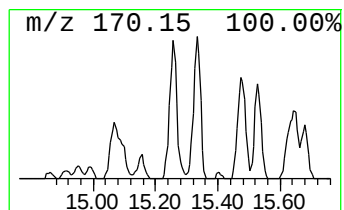
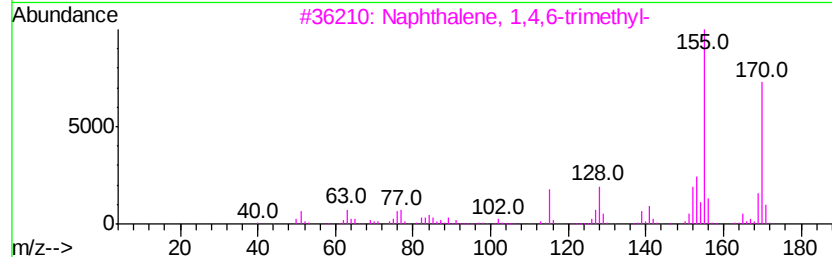
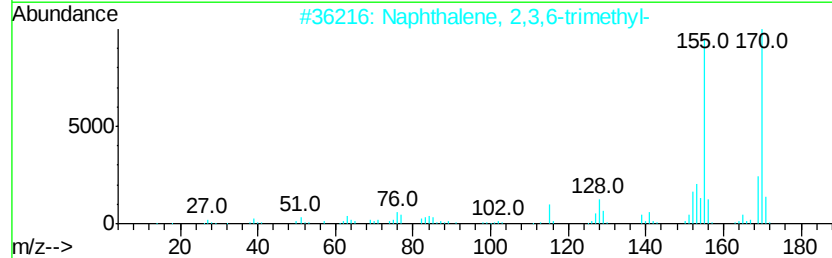
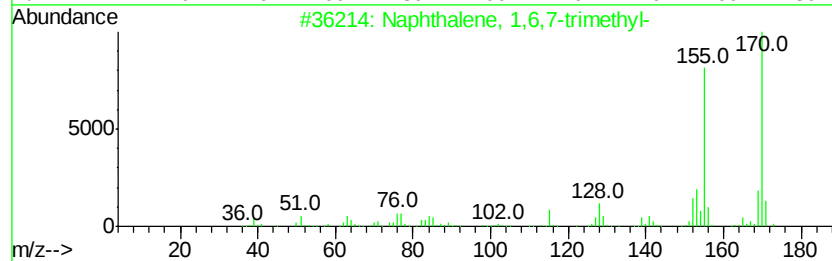
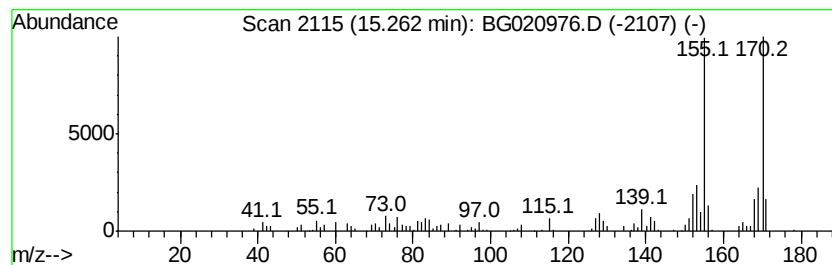
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 13 Naphthalene, 1,6,7-trimethyl- Concentration Rank 10

| R.T.  | EstConc | Area  | Relative to ISTD | R.T.  |
|-------|---------|-------|------------------|-------|
| 15.26 | 5.86 ng | 91692 | Acenaphthene-d10 | 14.87 |

| Hit# | of | 5 | Tentative ID                  | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------|-----|---------|-------------|------|
| 1    |    |   | Naphthalene, 1,6,7-trimethyl- | 170 | C13H14  | 002245-38-7 | 97   |
| 2    |    |   | Naphthalene, 2,3,6-trimethyl- | 170 | C13H14  | 000829-26-5 | 96   |
| 3    |    |   | Naphthalene, 1,4,6-trimethyl- | 170 | C13H14  | 002131-42-2 | 96   |
| 4    |    |   | Naphthalene, 1,4,5-trimethyl- | 170 | C13H14  | 002131-41-1 | 91   |
| 5    |    |   | Azulene, 4,6,8-trimethyl-     | 170 | C13H14  | 000941-81-1 | 87   |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\  
Data File : BG020976.D  
Acq On : 19 Feb 2016 17:37  
Operator : SJ/UM  
Sample : H1453-12  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
EGR-A-4

Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021116.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

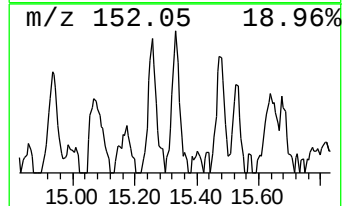
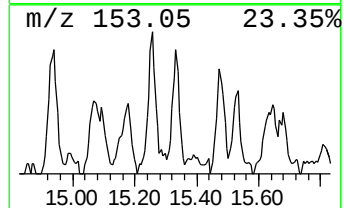
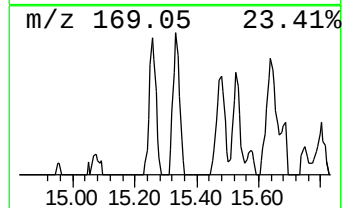
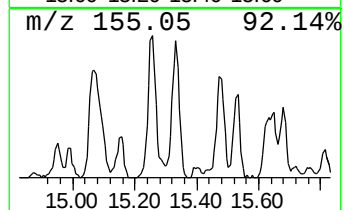
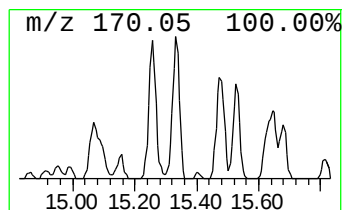
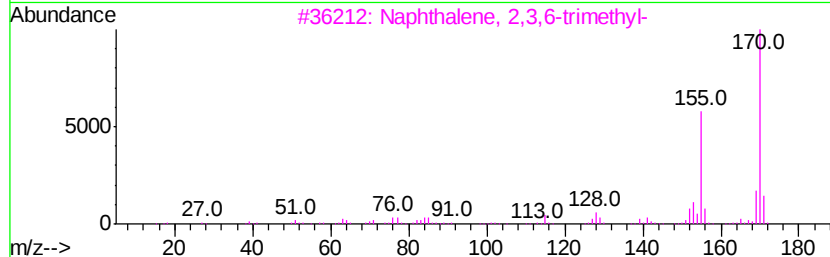
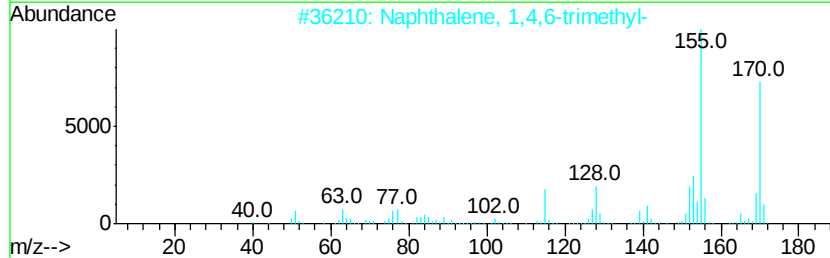
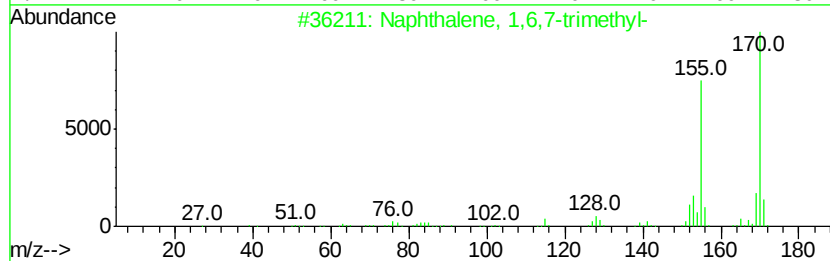
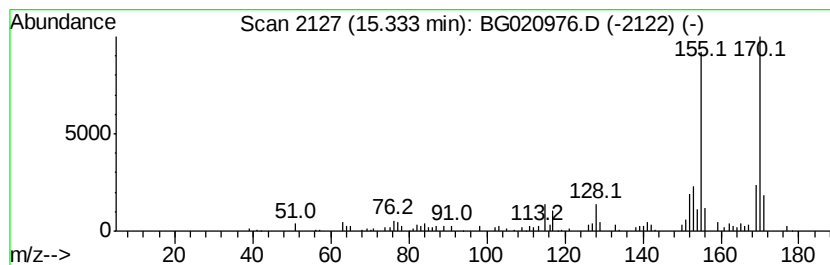
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 14 Naphthalene, 1,4,6-trimethyl- Concentration Rank 13

| R.T.  | EstConc | Area  | Relative to ISTD | R.T.  |
|-------|---------|-------|------------------|-------|
| 15.33 | 5.22 ng | 81767 | Acenaphthene-d10 | 14.87 |

| Hit# | of | Tentative ID                  | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------|-----|---------|-------------|------|
| 1    | 5  | Naphthalene, 1,6,7-trimethyl- | 170 | C13H14  | 002245-38-7 | 94   |
| 2    |    | Naphthalene, 1,4,6-trimethyl- | 170 | C13H14  | 002131-42-2 | 94   |
| 3    |    | Naphthalene, 2,3,6-trimethyl- | 170 | C13H14  | 000829-26-5 | 94   |
| 4    |    | Naphthalene, 1,4,5-trimethyl- | 170 | C13H14  | 002131-41-1 | 91   |
| 5    |    | Azulene, 4,6,8-trimethyl-     | 170 | C13H14  | 000941-81-1 | 90   |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\  
Data File : BG020976.D  
Acq On : 19 Feb 2016 17:37  
Operator : SJ/UM  
Sample : H1453-12  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
EGR-A-4

Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021116.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

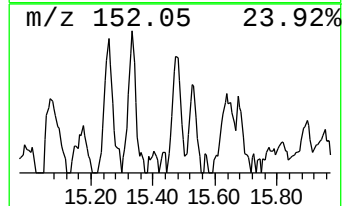
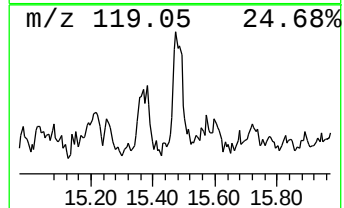
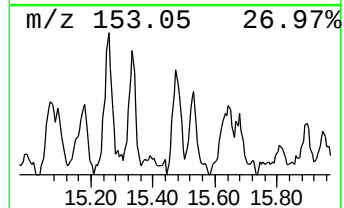
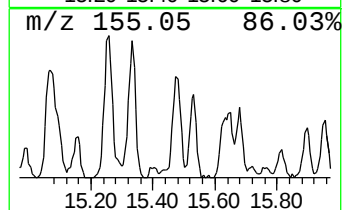
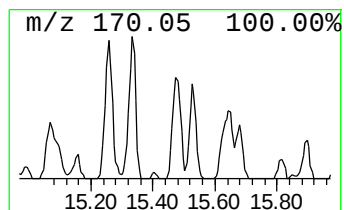
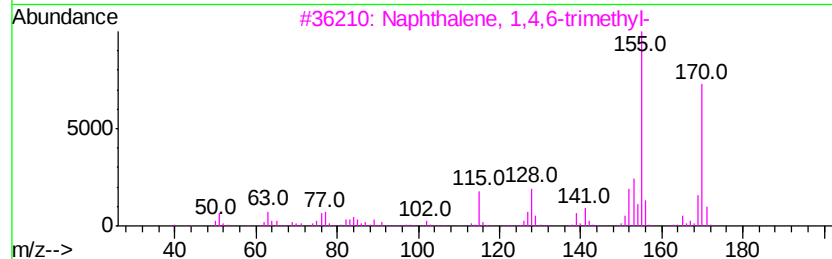
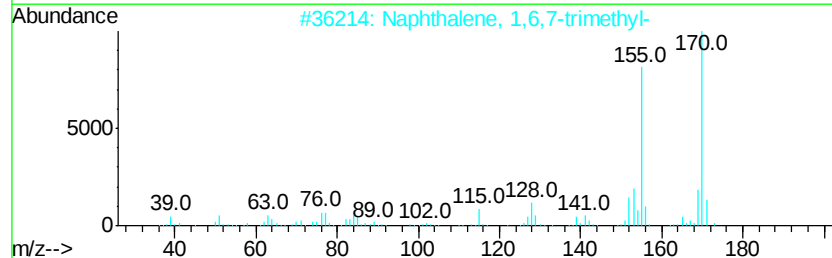
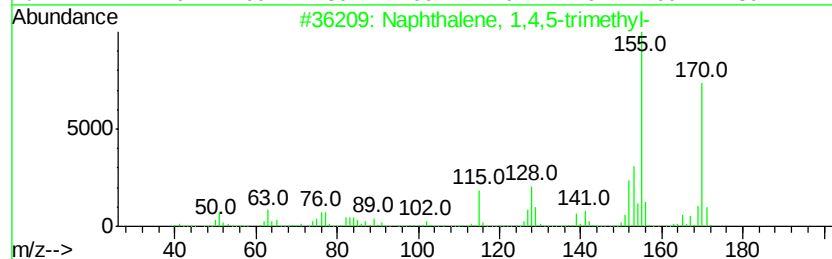
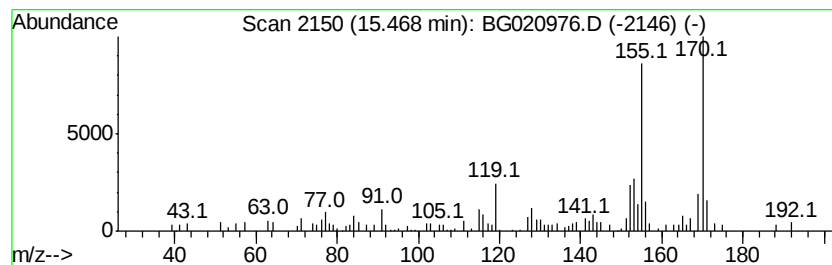
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 15 Naphthalene, 1,4,5-trimethyl- Concentration Rank 14

| R.T.  | EstConc | Area  | Relative to ISTD | R.T.  |
|-------|---------|-------|------------------|-------|
| 15.47 | 5.16 ng | 80740 | Acenaphthene-d10 | 14.87 |

| Hit# | of | Tentative ID                  | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------|-----|---------|-------------|------|
| 1    | 5  | Naphthalene, 1,4,5-trimethyl- | 170 | C13H14  | 002131-41-1 | 96   |
| 2    |    | Naphthalene, 1,6,7-trimethyl- | 170 | C13H14  | 002245-38-7 | 96   |
| 3    |    | Naphthalene, 1,4,6-trimethyl- | 170 | C13H14  | 002131-42-2 | 95   |
| 4    |    | Naphthalene, 2,3,6-trimethyl- | 170 | C13H14  | 000829-26-5 | 95   |
| 5    |    | Azulene, 4,6,8-trimethyl-     | 170 | C13H14  | 000941-81-1 | 93   |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\  
Data File : BG020976.D  
Acq On : 19 Feb 2016 17:37  
Operator : SJ/UM  
Sample : H1453-12  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
EGR-A-4

Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021116.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

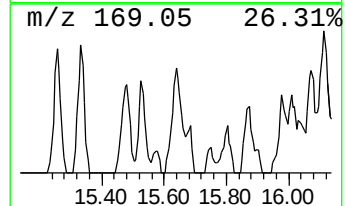
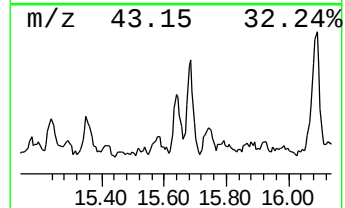
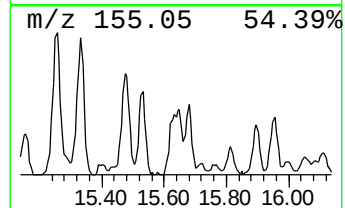
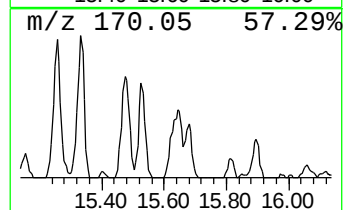
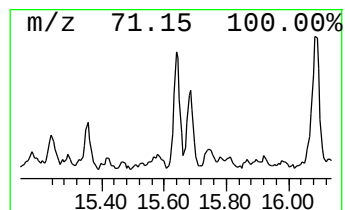
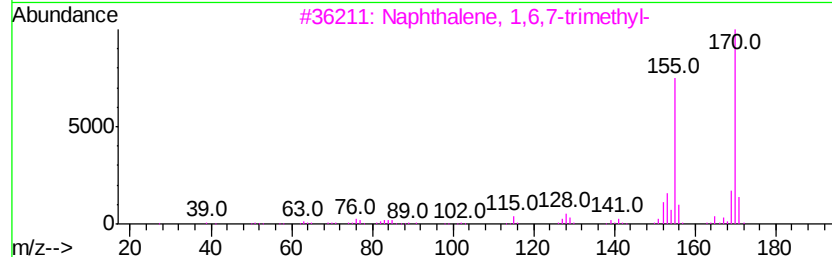
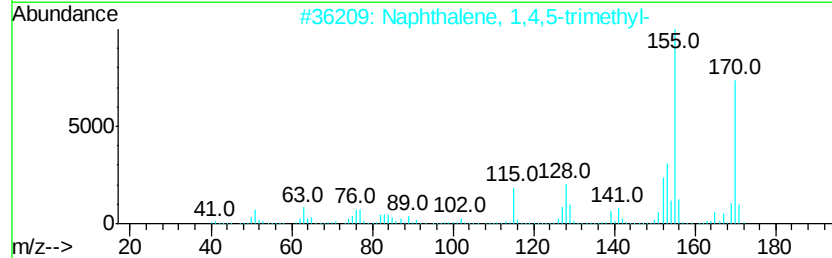
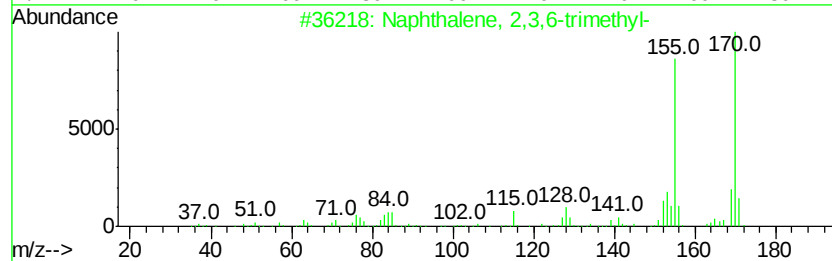
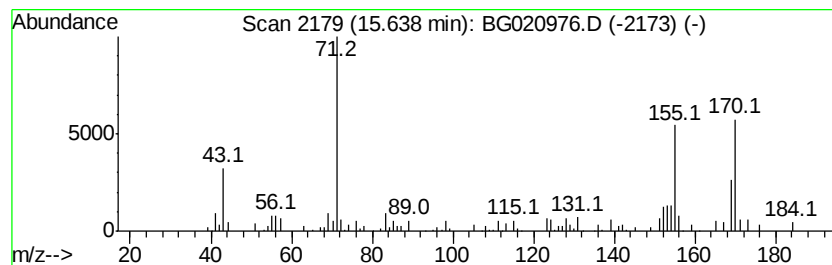
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 16 Naphthalene, 2,3,6-trimethyl- Concentration Rank 12

| R.T.  | EstConc | Area  | Relative to ISTD | R.T.  |
|-------|---------|-------|------------------|-------|
| 15.64 | 5.58 ng | 87342 | Acenaphthene-d10 | 14.87 |

| Hit# | of | 5 | Tentative ID                    | MW  | MolForm | CAS#         | Qual |
|------|----|---|---------------------------------|-----|---------|--------------|------|
| 1    |    |   | Naphthalene, 2,3,6-trimethyl-   | 170 | C13H14  | 000829-26-5  | 87   |
| 2    |    |   | Naphthalene, 1,4,5-trimethyl-   | 170 | C13H14  | 002131-41-1  | 52   |
| 3    |    |   | Naphthalene, 1,6,7-trimethyl-   | 170 | C13H14  | 002245-38-7  | 49   |
| 4    |    |   | 3-(2-Methyl-propenyl)-1H-indene | 170 | C13H14  | 1000187-78-5 | 49   |
| 5    |    |   | Azulene, 4,6,8-trimethyl-       | 170 | C13H14  | 000941-81-1  | 45   |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\  
Data File : BG020976.D  
Acq On : 19 Feb 2016 17:37  
Operator : SJ/UM  
Sample : H1453-12  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
EGR-A-4

Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021116.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

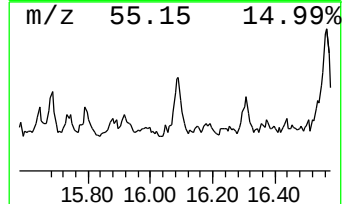
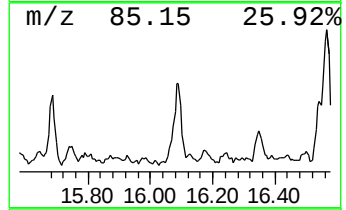
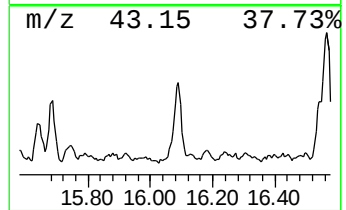
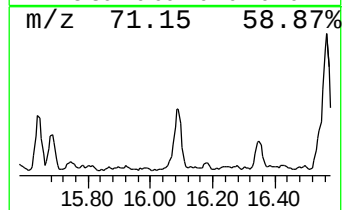
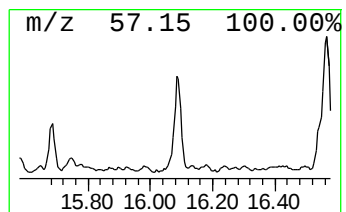
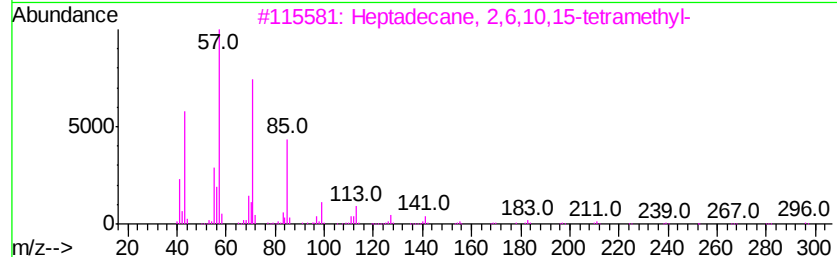
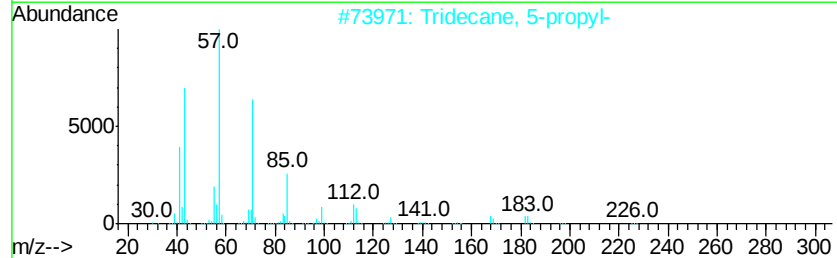
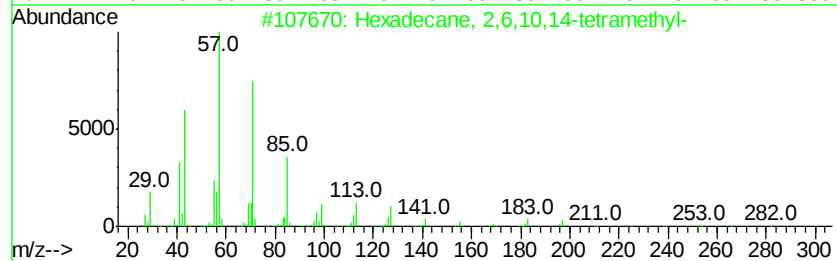
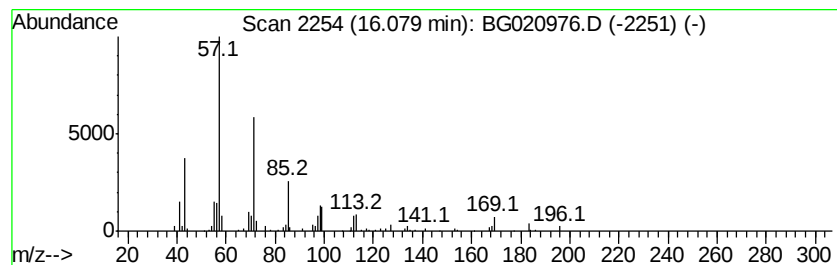
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 17 Hexadecane, 2,6,10,14-tetra... Concentration Rank 7

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 16.08 | 6.83 ng | 107028 | Acenaphthene-d10 | 14.87 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Hexadecane, 2,6,10,14-tetramethyl-  | 282 | C20H42  | 000638-36-8 | 86   |
| 2    |    |   | Tridecane, 5-propyl-                | 226 | C16H34  | 055045-11-9 | 78   |
| 3    |    |   | Heptadecane, 2,6,10,15-tetramethyl- | 296 | C21H44  | 054833-48-6 | 72   |
| 4    |    |   | Undecane, 6-ethyl-                  | 184 | C13H28  | 017312-60-6 | 68   |
| 5    |    |   | Eicosane                            | 282 | C20H42  | 000112-95-8 | 64   |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\  
Data File : BG020976.D  
Acq On : 19 Feb 2016 17:37  
Operator : SJ/UM  
Sample : H1453-12  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
EGR-A-4

Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021116.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

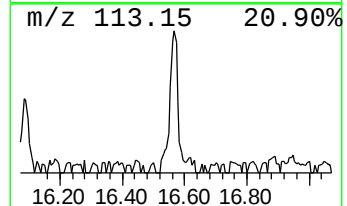
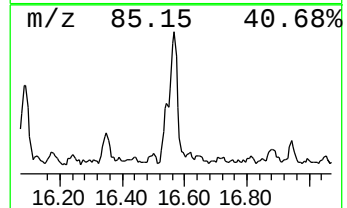
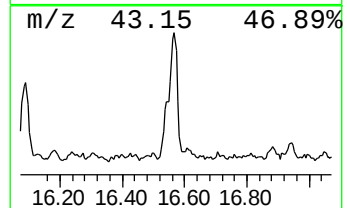
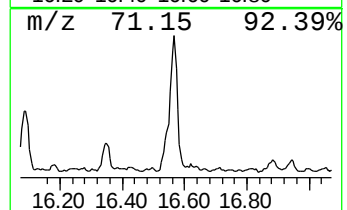
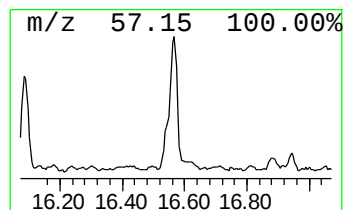
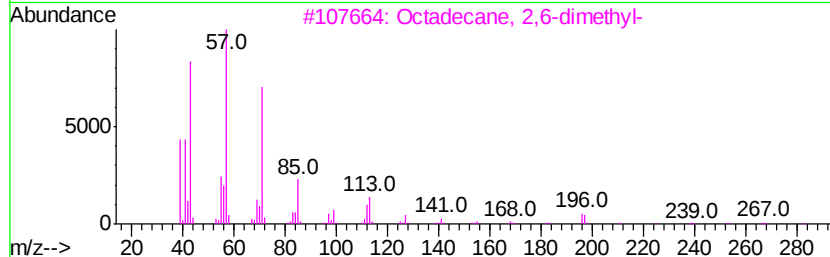
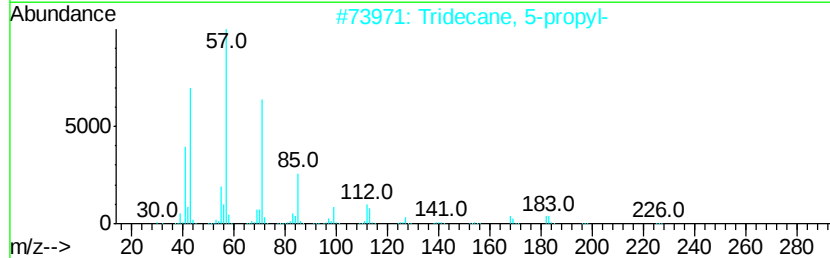
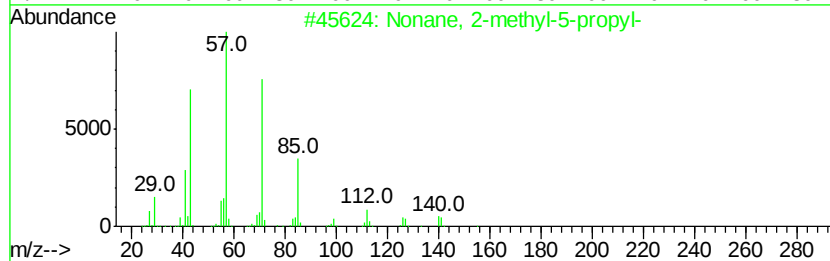
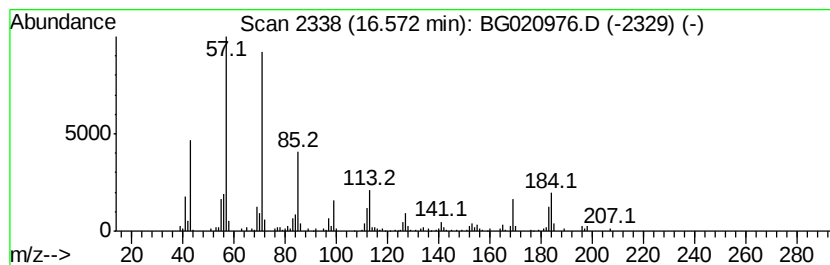
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 18 Tridecane, 5-propyl- Concentration Rank 4

| R.T.  | EstConc  | Area   | Relative to ISTD | R.T.  |
|-------|----------|--------|------------------|-------|
| 16.57 | 11.35 ng | 188345 | Phenanthrene-d10 | 17.61 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------------|-----|---------|-------------|------|
| 1    | 5  | Nonane, 2-methyl-5-propyl-          | 184 | C13H28  | 031081-17-1 | 72   |
| 2    |    | Tridecane, 5-propyl-                | 226 | C16H34  | 055045-11-9 | 64   |
| 3    |    | Octadecane, 2,6-dimethyl-           | 282 | C20H42  | 075163-97-2 | 64   |
| 4    |    | Pentadecane, 2,6,10,14-tetramethyl- | 268 | C19H40  | 001921-70-6 | 64   |
| 5    |    | Tridecane                           | 184 | C13H28  | 000629-50-5 | 58   |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\  
Data File : BG020976.D  
Acq On : 19 Feb 2016 17:37  
Operator : SJ/UM  
Sample : H1453-12  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
EGR-A-4

Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021116.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

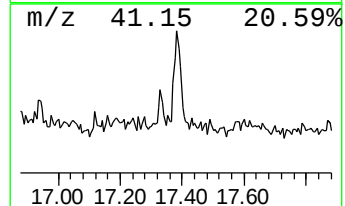
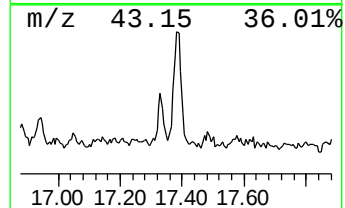
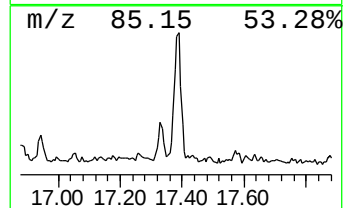
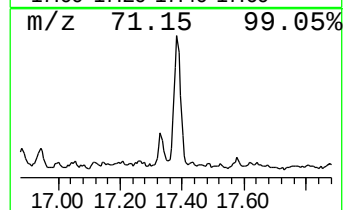
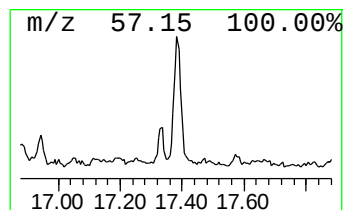
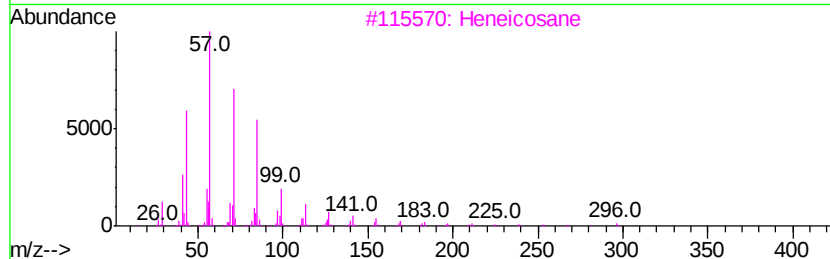
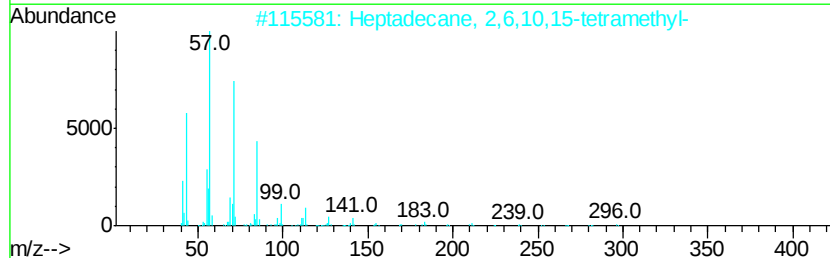
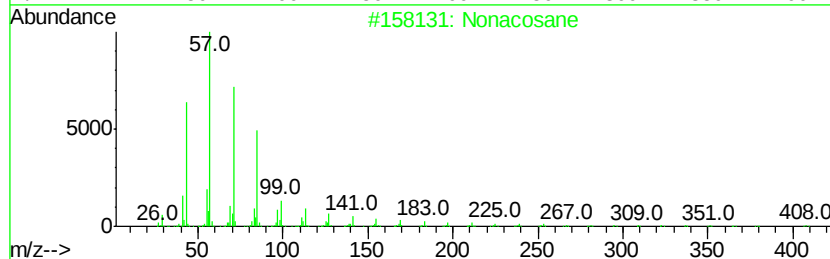
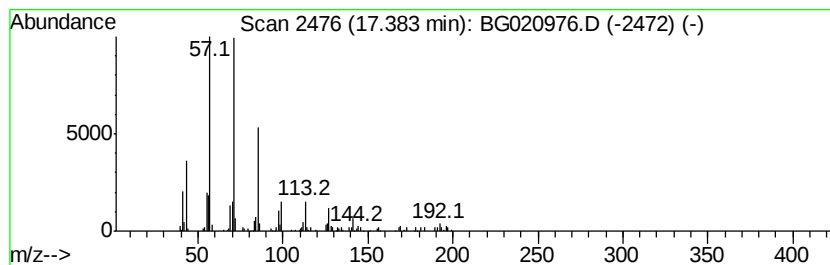
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 19 Nonacosane Concentration Rank 19

| R.T.  | EstConc | Area  | Relative to ISTD | R.T.  |
|-------|---------|-------|------------------|-------|
| 17.38 | 4.02 ng | 66676 | Phenanthrene-d10 | 17.61 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Nonacosane                          | 408 | C29H60  | 000630-03-5 | 90   |
| 2    |    |   | Heptadecane, 2,6,10,15-tetramethyl- | 296 | C21H44  | 054833-48-6 | 86   |
| 3    |    |   | Heneicosane                         | 296 | C21H44  | 000629-94-7 | 86   |
| 4    |    |   | Decane, 3-methyl-                   | 156 | C11H24  | 013151-34-3 | 83   |
| 5    |    |   | Heptacosane                         | 380 | C27H56  | 000593-49-7 | 80   |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\  
Data File : BG020976.D  
Acq On : 19 Feb 2016 17:37  
Operator : SJ/UM  
Sample : H1453-12  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
EGR-A-4

Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021116.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

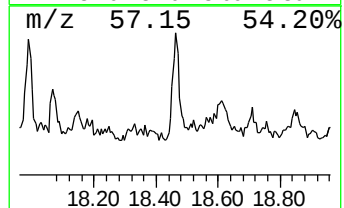
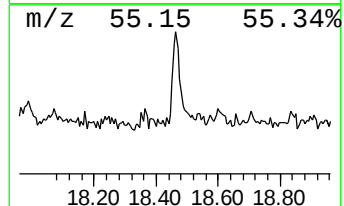
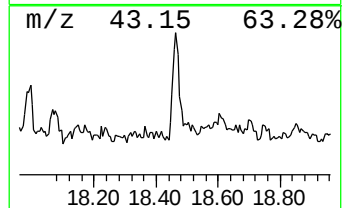
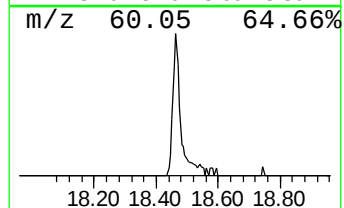
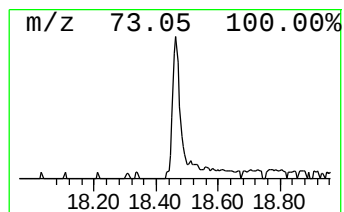
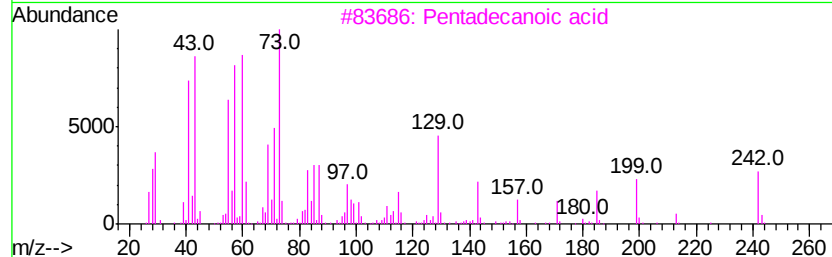
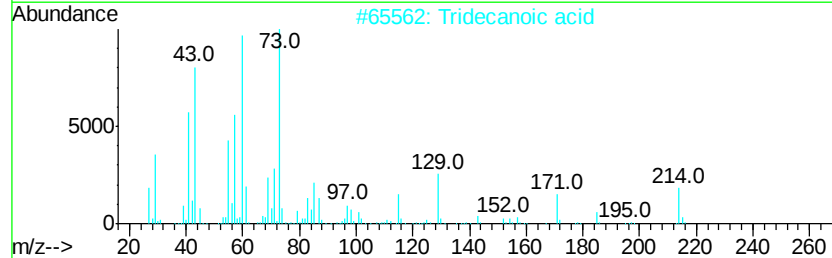
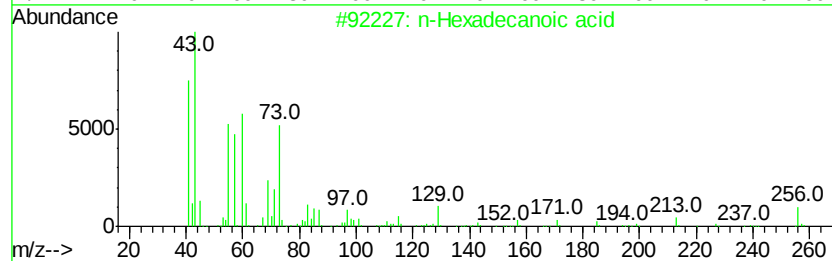
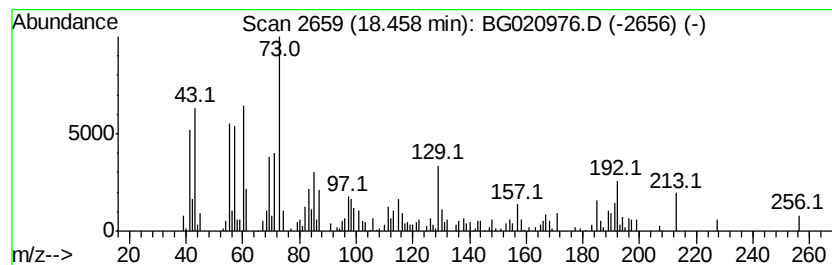
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 20 n-Hexadecanoic acid Concentration Rank 17

| R.T.  | EstConc | Area  | Relative to ISTD | R.T.  |
|-------|---------|-------|------------------|-------|
| 18.46 | 4.69 ng | 77803 | Phenanthrene-d10 | 17.61 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|-----------|-------------|------|
| 1    |    |   | n-Hexadecanoic acid                 | 256 | C16H32O2  | 000057-10-3 | 95   |
| 2    |    |   | Tridecanoic acid                    | 214 | C13H26O2  | 000638-53-9 | 70   |
| 3    |    |   | Pentadecanoic acid                  | 242 | C15H30O2  | 001002-84-2 | 68   |
| 4    |    |   | Tetradecanoic acid                  | 228 | C14H28O2  | 000544-63-8 | 64   |
| 5    |    |   | .alpha.-D-Glucopyranose, 4-O-.be... | 342 | C12H22O11 | 014641-93-1 | 38   |



Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG021916\  
 Data File : BG020976.D  
 Acq On : 19 Feb 2016 17:37  
 Operator : SJ/UM  
 Sample : H1453-12  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 EGR-A-4

Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\8270-BG021116.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 |
| Butane, 2-methoxy... | 3.31  | 6.3     | ng    | 33833    | 1                     | 8.26  | 106655 | 20.0 |
| unknown5.31          | 5.31  | 9.3     | ng    | 49573    | 1                     | 8.26  | 106655 | 20.0 |
| unknown7.78          | 7.78  | 107.8   | ng    | 574673   | 1                     | 8.26  | 106655 | 20.0 |
| Benzene, 2-etheny... | 10.47 | 6.1     | ng    | 75969    | 2                     | 11.09 | 248532 | 20.0 |
| Nonane, 2-methyl-... | 13.39 | 3.8     | ng    | 59919    | 3                     | 14.87 | 313192 | 20.0 |
| Naphthalene, 2,6-... | 14.03 | 5.8     | ng    | 91228    | 3                     | 14.87 | 313192 | 20.0 |
| Naphthalene, 1,6-... | 14.19 | 10.5    | ng    | 165061   | 3                     | 14.87 | 313192 | 20.0 |
| Naphthalene, 1,5-... | 14.25 | 4.7     | ng    | 73803    | 3                     | 14.87 | 313192 | 20.0 |
| Naphthalene, 2,3-... | 14.43 | 4.9     | ng    | 76411    | 3                     | 14.87 | 313192 | 20.0 |
| Naphthalene, 1-(1... | 15.07 | 4.2     | ng    | 66149    | 3                     | 14.87 | 313192 | 20.0 |
| Naphthalene, 1,6,... | 15.26 | 5.9     | ng    | 91692    | 3                     | 14.87 | 313192 | 20.0 |
| Naphthalene, 1,4,... | 15.33 | 5.2     | ng    | 81767    | 3                     | 14.87 | 313192 | 20.0 |
| Naphthalene, 1,4,... | 15.47 | 5.2     | ng    | 80740    | 3                     | 14.87 | 313192 | 20.0 |
| Naphthalene, 2,3,... | 15.64 | 5.6     | ng    | 87342    | 3                     | 14.87 | 313192 | 20.0 |
| Hexadecane, 2,6,1... | 16.08 | 6.8     | ng    | 107028   | 3                     | 14.87 | 313192 | 20.0 |
| Tridecane, 5-propyl- | 16.57 | 11.4    | ng    | 188345   | 4                     | 17.61 | 331887 | 20.0 |
| Nonacosane           | 17.38 | 4.0     | ng    | 66676    | 4                     | 17.61 | 331887 | 20.0 |
| n-Hexadecanoic acid  | 18.46 | 4.7     | ng    | 77803    | 4                     | 17.61 | 331887 | 20.0 |