

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041516\  
 Data File : BG021695.D  
 Acq On : 15 Apr 2016 21:16  
 Operator : UM/SJ  
 Sample : H2549-01  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 S8-0575

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-BG041316.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|--------|----------|------------|----------|-----------|-------|-------------|------------|--------------|------------|
| 1      | 3.232    | 62         | 67       | 81        | rVB   | 32541       | 63702      | 1.79%        | 0.095%     |
| 2      | 4.695    | 311        | 316      | 324       | rVB   | 111524      | 171678     | 4.83%        | 0.255%     |
| 3      | 5.094    | 380        | 384      | 391       | rVB   | 26973       | 44623      | 1.26%        | 0.066%     |
| 4      | 5.705    | 480        | 488      | 493       | rBV   | 243742      | 424485     | 11.95%       | 0.630%     |
| 5      | 5.764    | 493        | 498      | 506       | rVV   | 226369      | 400259     | 11.27%       | 0.594%     |
| 6      | 5.858    | 506        | 514      | 521       | rVB   | 56970       | 109511     | 3.08%        | 0.163%     |
| 7      | 6.087    | 546        | 553      | 563       | rVB3  | 37061       | 80936      | 2.28%        | 0.120%     |
| 8      | 6.416    | 590        | 609      | 613       | rBV   | 87048       | 309990     | 8.73%        | 0.460%     |
| 9      | 6.469    | 614        | 618      | 626       | rVB   | 67110       | 116348     | 3.28%        | 0.173%     |
| 10     | 6.692    | 652        | 656      | 668       | rVB6  | 25865       | 67520      | 1.90%        | 0.100%     |
| 11     | 6.957    | 695        | 701      | 708       | rVB   | 39418       | 76544      | 2.15%        | 0.114%     |
| 12     | 7.068    | 708        | 720      | 725       | rBV2  | 32230       | 84583      | 2.38%        | 0.126%     |
| 13     | 7.192    | 734        | 741      | 744       | rBV3  | 30041       | 60131      | 1.69%        | 0.089%     |
| 14     | 7.256    | 745        | 752      | 756       | rVV4  | 34363       | 80213      | 2.26%        | 0.119%     |
| 15     | 7.292    | 756        | 758      | 764       | rVB3  | 42447       | 59927      | 1.69%        | 0.089%     |
| 16     | 7.374    | 764        | 772      | 777       | rBV   | 161752      | 325200     | 9.15%        | 0.483%     |
| 17     | 7.474    | 784        | 789      | 798       | rVB   | 73644       | 126085     | 3.55%        | 0.187%     |
| 18     | 7.609    | 798        | 812      | 817       | rBV3  | 112898      | 283304     | 7.97%        | 0.421%     |
| 19     | 7.691    | 817        | 826      | 828       | rVV5  | 109377      | 299301     | 8.42%        | 0.444%     |
| 20     | 7.744    | 829        | 835      | 849       | rVB3  | 447540      | 991021     | 27.90%       | 1.471%     |
| 21     | 7.856    | 849        | 854      | 863       | rVB   | 43973       | 77429      | 2.18%        | 0.115%     |
| 22     | 7.950    | 863        | 870      | 874       | rBV   | 30655       | 54591      | 1.54%        | 0.081%     |
| 23     | 8.096    | 891        | 895      | 901       | rVB3  | 42331       | 73858      | 2.08%        | 0.110%     |
| 24     | 8.167    | 901        | 907      | 909       | rBV3  | 54938       | 91094      | 2.56%        | 0.135%     |
| 25     | 8.214    | 910        | 915      | 919       | rVV3  | 87440       | 172408     | 4.85%        | 0.256%     |
| 26     | 8.261    | 919        | 923      | 928       | rVB3  | 60335       | 107421     | 3.02%        | 0.159%     |
| 27     | 8.543    | 959        | 971      | 975       | rBV   | 421578      | 941177     | 26.49%       | 1.397%     |
| 28     | 8.766    | 1002       | 1009     | 1019      | rVB10 | 25836       | 95655      | 2.69%        | 0.142%     |
| 29     | 8.878    | 1019       | 1028     | 1033      | rBV3  | 97732       | 224119     | 6.31%        | 0.333%     |
| 30     | 9.154    | 1039       | 1075     | 1076      | rBV4  | 528309      | 3552570    | 100.00%      | 5.274%     |
| 31     | 9.389    | 1108       | 1115     | 1119      | rBV   | 381137      | 820393     | 23.09%       | 1.218%     |
| 32     | 9.577    | 1139       | 1147     | 1151      | rBV4  | 450175      | 1226142    | 34.51%       | 1.820%     |
| 33     | 9.636    | 1154       | 1157     | 1159      | rBV   | 97453       | 129882     | 3.66%        | 0.193%     |
| 34     | 9.753    | 1164       | 1177     | 1181      | rVB4  | 710767      | 2835566    | 79.82%       | 4.209%     |

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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\_G\METHODS\8270-BG041316.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|    |        |      |      |      |       |        |         |        |        |
|----|--------|------|------|------|-------|--------|---------|--------|--------|
| 35 | 9.871  | 1184 | 1197 | 1203 | rBV5  | 516362 | 1788011 | 50.33% | 2.654% |
| 36 | 10.030 | 1205 | 1224 | 1226 | rBV2  | 547409 | 2022815 | 56.94% | 3.003% |
| 37 | 10.129 | 1237 | 1241 | 1244 | rVB   | 334989 | 471720  | 13.28% | 0.700% |
| 38 | 10.176 | 1244 | 1249 | 1256 | rVB2  | 414060 | 679930  | 19.14% | 1.009% |
| 39 | 10.265 | 1256 | 1264 | 1273 | rVB6  | 134625 | 391122  | 11.01% | 0.581% |
| 40 | 10.382 | 1277 | 1284 | 1289 | rBV4  | 194089 | 493513  | 13.89% | 0.733% |
| 41 | 10.464 | 1295 | 1298 | 1303 | rVB6  | 95649  | 156534  | 4.41%  | 0.232% |
| 42 | 10.582 | 1312 | 1318 | 1323 | rBV6  | 149371 | 316627  | 8.91%  | 0.470% |
| 43 | 10.699 | 1328 | 1338 | 1345 | rVV4  | 287382 | 916868  | 25.81% | 1.361% |
| 44 | 10.764 | 1345 | 1349 | 1354 | rVB2  | 115984 | 174850  | 4.92%  | 0.260% |
| 45 | 10.829 | 1354 | 1360 | 1363 | rBV4  | 86005  | 181704  | 5.11%  | 0.270% |
| 46 | 10.899 | 1364 | 1372 | 1386 | rVB7  | 366740 | 1259724 | 35.46% | 1.870% |
| 47 | 11.034 | 1388 | 1395 | 1399 | rBV   | 371132 | 695974  | 19.59% | 1.033% |
| 48 | 11.081 | 1399 | 1403 | 1411 | rVB3  | 236642 | 557761  | 15.70% | 0.828% |
| 49 | 11.163 | 1411 | 1417 | 1423 | rBV6  | 64927  | 132179  | 3.72%  | 0.196% |
| 50 | 11.293 | 1430 | 1439 | 1451 | rBV6  | 410406 | 1376285 | 38.74% | 2.043% |
| 51 | 11.410 | 1451 | 1459 | 1464 | rBV3  | 243091 | 754640  | 21.24% | 1.120% |
| 52 | 11.545 | 1477 | 1482 | 1486 | rVB4  | 112982 | 194625  | 5.48%  | 0.289% |
| 53 | 11.639 | 1486 | 1498 | 1503 | rBV6  | 664644 | 1848583 | 52.04% | 2.744% |
| 54 | 11.710 | 1504 | 1510 | 1517 | rVB8  | 121594 | 321278  | 9.04%  | 0.477% |
| 55 | 11.980 | 1544 | 1556 | 1558 | rBV6  | 486181 | 1591008 | 44.78% | 2.362% |
| 56 | 12.104 | 1570 | 1577 | 1580 | rVB3  | 429180 | 947833  | 26.68% | 1.407% |
| 57 | 12.186 | 1587 | 1591 | 1595 | rVB2  | 311739 | 529994  | 14.92% | 0.787% |
| 58 | 12.250 | 1595 | 1602 | 1605 | rVV3  | 434259 | 885474  | 24.92% | 1.315% |
| 59 | 12.280 | 1605 | 1607 | 1611 | rVB2  | 247339 | 279617  | 7.87%  | 0.415% |
| 60 | 12.321 | 1611 | 1614 | 1619 | rVB4  | 206376 | 332043  | 9.35%  | 0.493% |
| 61 | 12.438 | 1623 | 1634 | 1637 | rBV2  | 487628 | 1382258 | 38.91% | 2.052% |
| 62 | 12.503 | 1637 | 1645 | 1652 | rBV7  | 338895 | 882850  | 24.85% | 1.311% |
| 63 | 12.609 | 1655 | 1663 | 1666 | rVV3  | 299881 | 780415  | 21.97% | 1.159% |
| 64 | 12.644 | 1666 | 1669 | 1676 | rVB5  | 398104 | 843046  | 23.73% | 1.252% |
| 65 | 12.732 | 1677 | 1684 | 1693 | rBV4  | 579271 | 1497961 | 42.17% | 2.224% |
| 66 | 12.826 | 1694 | 1700 | 1704 | rBV2  | 685729 | 1177449 | 33.14% | 1.748% |
| 67 | 12.885 | 1704 | 1710 | 1714 | rBV5  | 169380 | 364367  | 10.26% | 0.541% |
| 68 | 12.932 | 1715 | 1718 | 1726 | rVB6  | 331453 | 616016  | 17.34% | 0.914% |
| 69 | 13.014 | 1726 | 1732 | 1739 | rBV4  | 283622 | 736874  | 20.74% | 1.094% |
| 70 | 13.108 | 1740 | 1748 | 1757 | rVB10 | 339540 | 1206534 | 33.96% | 1.791% |
| 71 | 13.191 | 1757 | 1762 | 1768 | rVB4  | 277740 | 576108  | 16.22% | 0.855% |

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ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
S8-0575

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-BG041316.M  
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|     |        |      |      |      |      |         |         |        |        |
|-----|--------|------|------|------|------|---------|---------|--------|--------|
| 72  | 13.261 | 1769 | 1774 | 1777 | rBV3 | 280787  | 558194  | 15.71% | 0.829% |
| 73  | 13.314 | 1778 | 1783 | 1791 | rVB6 | 643654  | 1823763 | 51.34% | 2.707% |
| 74  | 13.384 | 1791 | 1795 | 1799 | rBV3 | 204718  | 299386  | 8.43%  | 0.444% |
| 75  | 13.455 | 1802 | 1807 | 1814 | rVB  | 1152409 | 2028613 | 57.10% | 3.012% |
| 76  | 13.543 | 1814 | 1822 | 1833 | rBV7 | 378446  | 1215732 | 34.22% | 1.805% |
| 77  | 13.655 | 1835 | 1841 | 1847 | rVB4 | 420209  | 830688  | 23.38% | 1.233% |
| 78  | 13.766 | 1855 | 1860 | 1864 | rBV3 | 448691  | 868275  | 24.44% | 1.289% |
| 79  | 13.866 | 1873 | 1877 | 1881 | rVB  | 250358  | 356354  | 10.03% | 0.529% |
| 80  | 14.001 | 1897 | 1900 | 1903 | rBV3 | 94033   | 110607  | 3.11%  | 0.164% |
| 81  | 14.048 | 1904 | 1908 | 1913 | rVB6 | 195558  | 378224  | 10.65% | 0.561% |
| 82  | 14.131 | 1918 | 1922 | 1925 | rBV2 | 338808  | 515990  | 14.52% | 0.766% |
| 83  | 14.448 | 1971 | 1976 | 1983 | rBV7 | 279911  | 781775  | 22.01% | 1.161% |
| 84  | 14.536 | 1988 | 1991 | 1999 | rVB4 | 391776  | 741722  | 20.88% | 1.101% |
| 85  | 14.607 | 2000 | 2003 | 2005 | rBV2 | 164769  | 225745  | 6.35%  | 0.335% |
| 86  | 14.730 | 2019 | 2024 | 2032 | rVB4 | 403072  | 917517  | 25.83% | 1.362% |
| 87  | 14.812 | 2033 | 2038 | 2048 | rVB4 | 424168  | 1127873 | 31.75% | 1.674% |
| 88  | 14.977 | 2060 | 2066 | 2073 | rBV4 | 504078  | 1092154 | 30.74% | 1.621% |
| 89  | 15.288 | 2115 | 2119 | 2124 | rVB  | 245403  | 377448  | 10.62% | 0.560% |
| 90  | 15.370 | 2130 | 2133 | 2136 | rBV  | 241267  | 299207  | 8.42%  | 0.444% |
| 91  | 15.464 | 2141 | 2149 | 2154 | rVV6 | 827870  | 2315693 | 65.18% | 3.438% |
| 92  | 15.523 | 2154 | 2159 | 2164 | rVB5 | 607430  | 1216881 | 34.25% | 1.806% |
| 93  | 15.658 | 2178 | 2182 | 2185 | rBV5 | 149128  | 207970  | 5.85%  | 0.309% |
| 94  | 16.310 | 2290 | 2293 | 2298 | rVB  | 749415  | 1116669 | 31.43% | 1.658% |
| 95  | 16.363 | 2299 | 2302 | 2306 | rBV4 | 95919   | 138013  | 3.88%  | 0.205% |
| 96  | 17.356 | 2467 | 2471 | 2475 | rVB3 | 174434  | 259921  | 7.32%  | 0.386% |
| 97  | 17.562 | 2502 | 2506 | 2511 | rVB2 | 335952  | 505375  | 14.23% | 0.750% |
| 98  | 20.147 | 2941 | 2946 | 2950 | rVB  | 1422972 | 1886399 | 53.10% | 2.800% |
| 99  | 21.833 | 3228 | 3233 | 3240 | rVB  | 375683  | 607431  | 17.10% | 0.902% |
| 100 | 25.165 | 3793 | 3800 | 3812 | rVB2 | 210169  | 616110  | 17.34% | 0.915% |

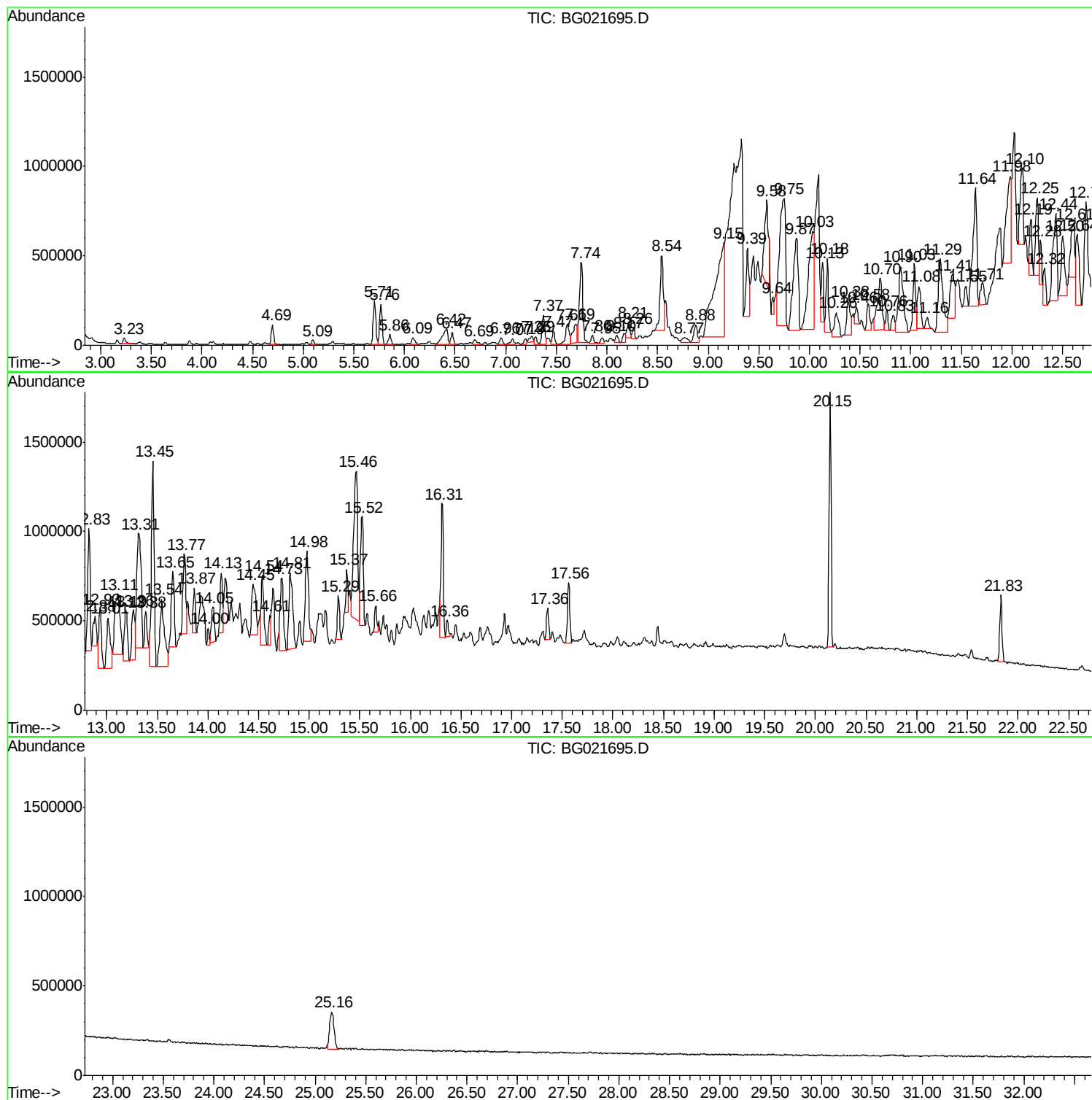
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ClientSampled :  
S8-0575

Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041316.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\BG041516\  
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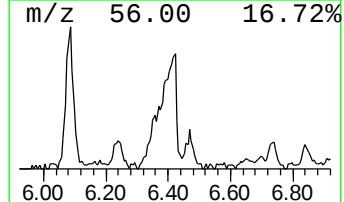
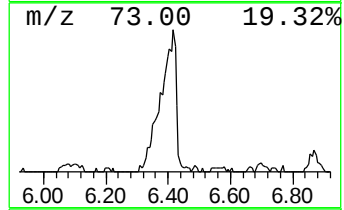
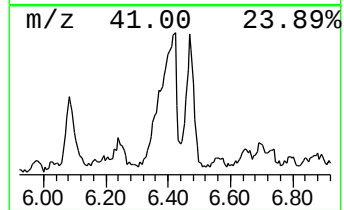
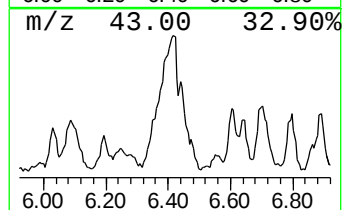
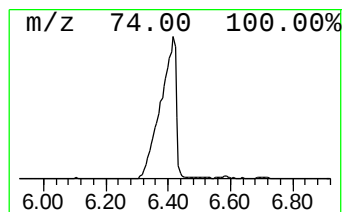
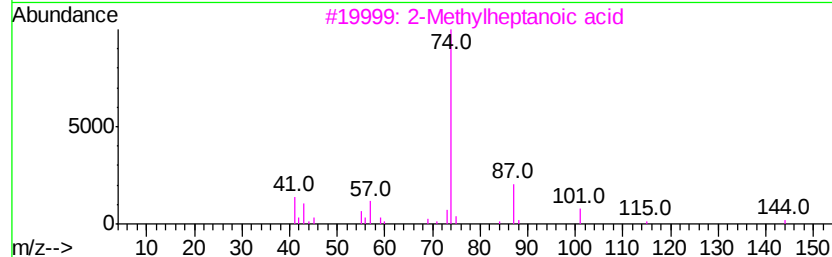
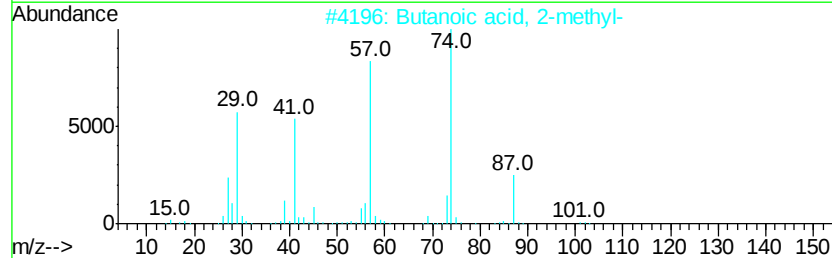
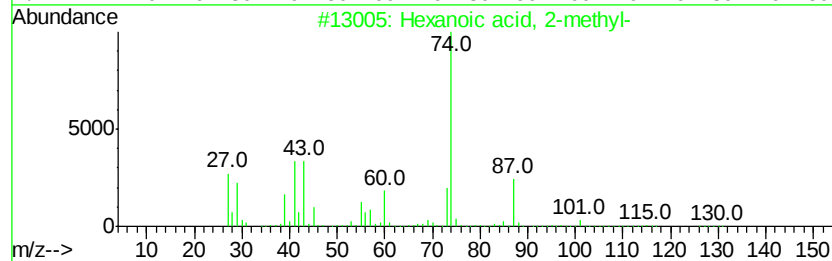
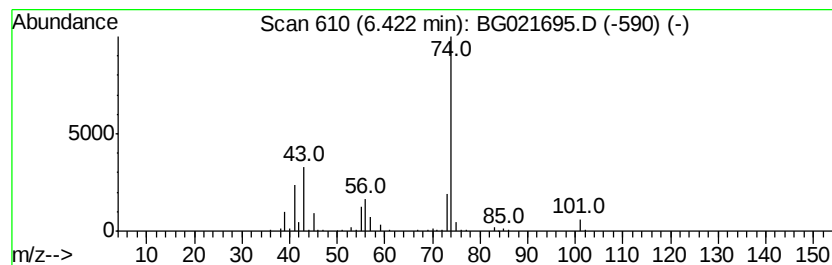
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041316.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 2 Hexanoic acid, 2-methyl- Concentration Rank 16

| R.T. | EstConc  | Area   | Relative to ISTD       | R.T. |
|------|----------|--------|------------------------|------|
| 6.42 | 35.96 ng | 309990 | 1,4-Dichlorobenzene-d4 | 8.21 |

| Hit# | of | Tentative ID             | MW  | MolForm | CAS#        | Qual |
|------|----|--------------------------|-----|---------|-------------|------|
| 1    | 5  | Hexanoic acid, 2-methyl- | 130 | C7H14O2 | 004536-23-6 | 78   |
| 2    |    | Butanoic acid, 2-methyl- | 102 | C5H10O2 | 000116-53-0 | 50   |
| 3    |    | 2-Methylheptanoic acid   | 144 | C8H16O2 | 001188-02-9 | 33   |
| 4    |    | Propanoic acid           | 74  | C3H6O2  | 000079-09-4 | 9    |
| 5    |    | Isobutylamine            | 73  | C4H11N  | 000078-81-9 | 9    |



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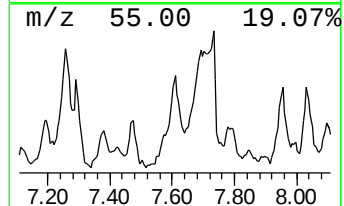
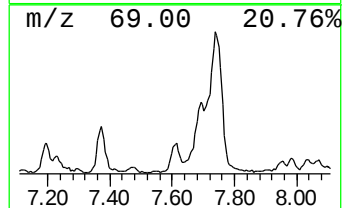
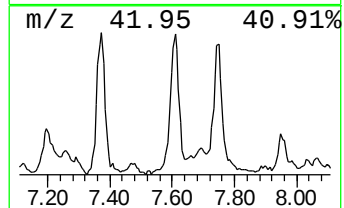
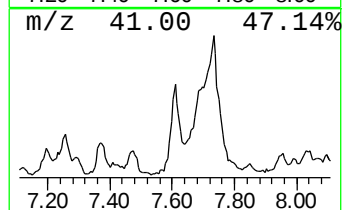
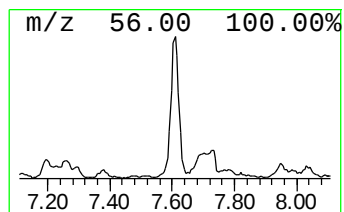
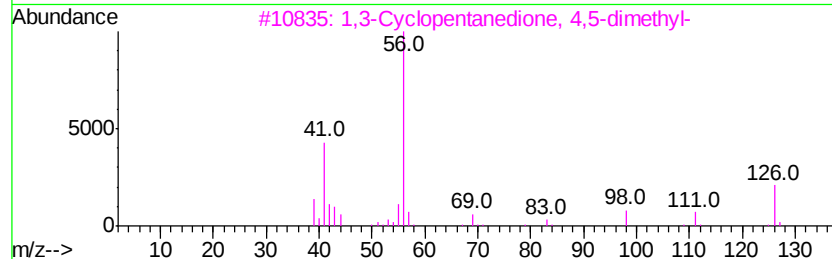
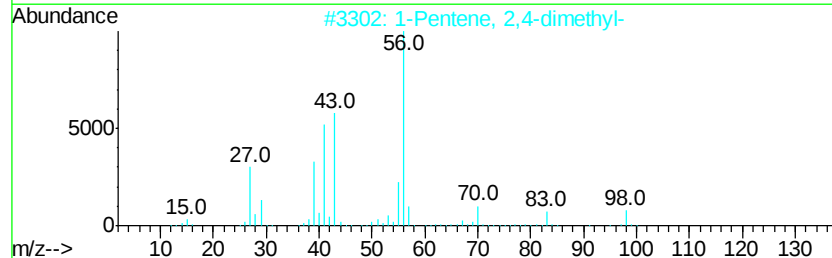
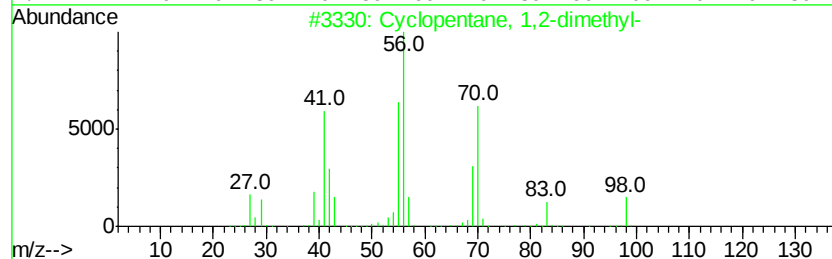
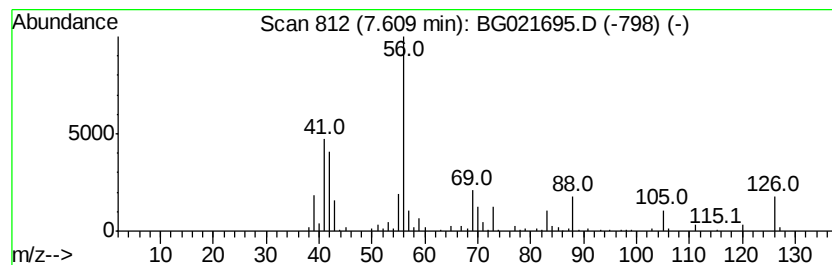
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 3 unknown7.61 Concentration Rank 19

| R.T. | EstConc  | Area   | Relative to ISTD       | R.T. |
|------|----------|--------|------------------------|------|
| 7.61 | 32.86 ng | 283304 | 1,4-Dichlorobenzene-d4 | 8.21 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------------|-----|---------|-------------|------|
| 1    | 5  | Cyclopentane, 1,2-dimethyl-         | 98  | C7H14   | 002452-99-5 | 47   |
| 2    |    | 1-Pentene, 2,4-dimethyl-            | 98  | C7H14   | 002213-32-3 | 43   |
| 3    |    | 1,3-Cyclopentanedione, 4,5-dimet... | 126 | C7H10O2 | 035029-05-1 | 43   |
| 4    |    | 1-Octene, 2-methyl-                 | 126 | C9H18   | 004588-18-5 | 43   |
| 5    |    | Oxirane, (1-methylbutyl)-           | 114 | C7H14O  | 053229-39-3 | 42   |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG041516\  
Data File : BG021695.D  
Acq On : 15 Apr 2016 21:16  
Operator : UM/SJ  
Sample : H2549-01  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
S8-0575

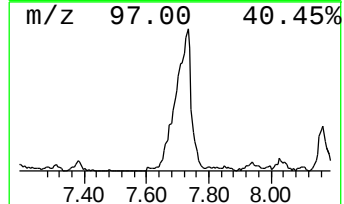
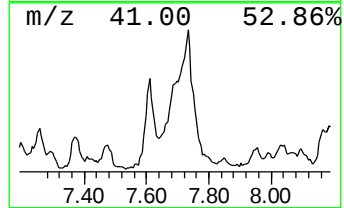
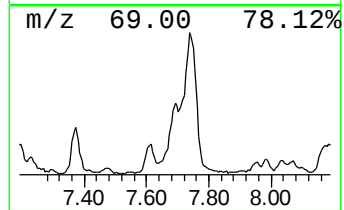
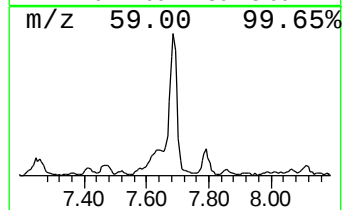
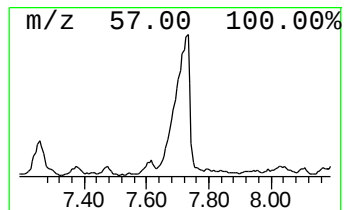
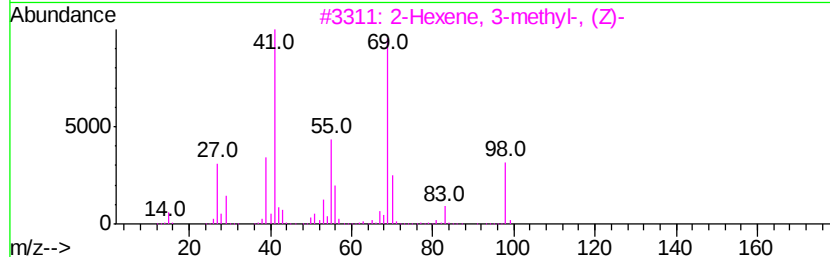
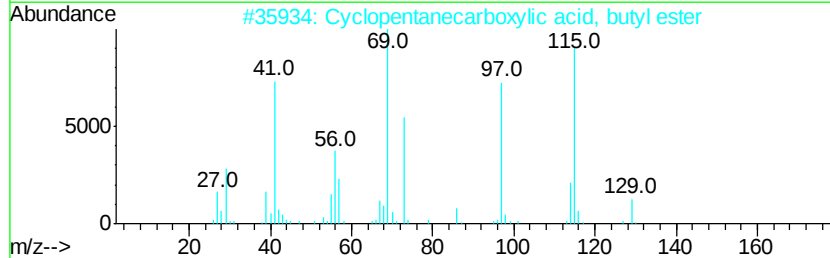
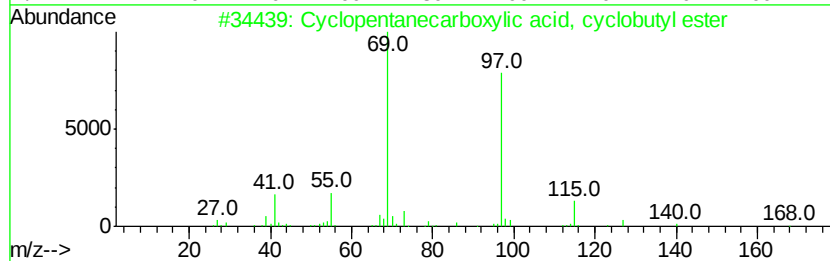
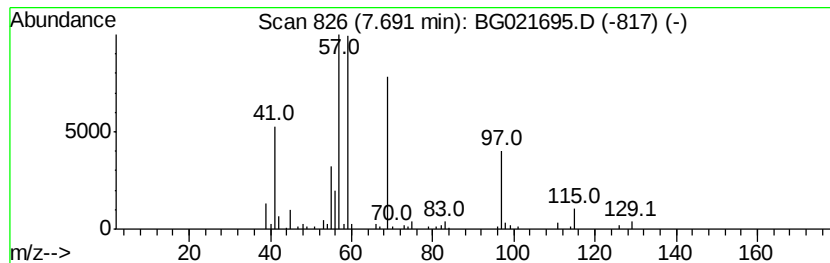
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 4 unknown7.69 Concentration Rank 17

| R.T. | EstConc  | Area   | Relative to ISTD       | R.T. |
|------|----------|--------|------------------------|------|
| 7.69 | 34.72 ng | 299301 | 1,4-Dichlorobenzene-d4 | 8.21 |

| Hit# | of | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|-------------------------------------|-----|-----------|--------------|------|
| 1    | 5  | Cyclopentanecarboxylic acid, cyc... | 168 | C10H16O2  | 1000282-76-8 | 38   |
| 2    |    | Cyclopentanecarboxylic acid, but... | 170 | C10H18O2  | 099978-03-7  | 37   |
| 3    |    | 2-Hexene, 3-methyl-, (Z)-           | 98  | C7H14     | 010574-36-4  | 27   |
| 4    |    | Carbamic acid, (1-cyanoethyl)-, ... | 170 | C8H14N2O2 | 100927-09-1  | 23   |
| 5    |    | 3-Pentanol, 2,2-dimethyl-           | 116 | C7H16O    | 003970-62-5  | 17   |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG041516\  
Data File : BG021695.D  
Acq On : 15 Apr 2016 21:16  
Operator : UM/SJ  
Sample : H2549-01  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
S8-0575

Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041316.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

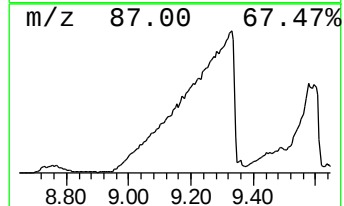
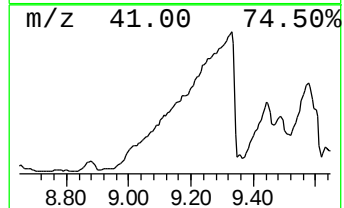
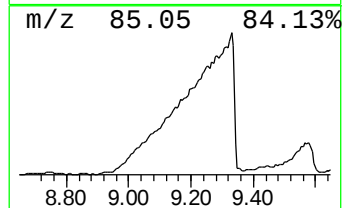
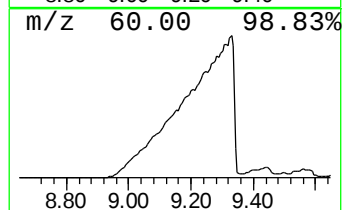
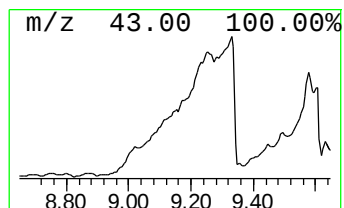
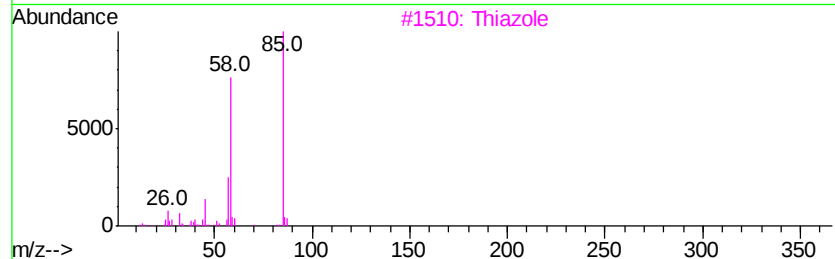
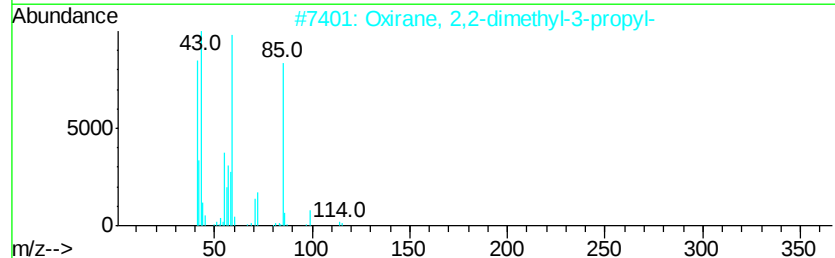
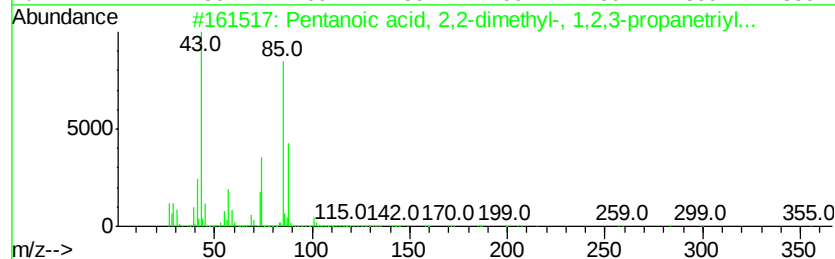
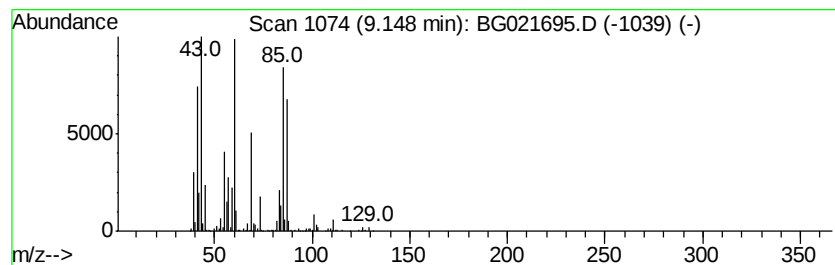
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TIC Integration Parameters: LSCINT.P

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Peak Number 7 unknown9.15 Concentration Rank 1

| R.T. | EstConc   | Area    | Relative to ISTD       | R.T. |
|------|-----------|---------|------------------------|------|
| 9.15 | 412.11 ng | 3552570 | 1,4-Dichlorobenzene-d4 | 8.21 |

| Hit# | of | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|-------------------------------------|-----|----------|-------------|------|
| 1    | 5  | Pentanoic acid, 2,2-dimethyl-, 1... | 428 | C24H44O6 | 057346-62-0 | 27   |
| 2    |    | Oxirane, 2,2-dimethyl-3-propyl-     | 114 | C7H14O   | 017612-35-0 | 27   |
| 3    |    | Thiazole                            | 85  | C3H3NS   | 000288-47-1 | 14   |
| 4    |    | 2-Butenoic acid, 4-hydroxy-, met... | 116 | C5H8O3   | 004508-99-0 | 14   |
| 5    |    | Heptane, 2-(hexyloxy)-              | 200 | C13H28O  | 074663-79-9 | 14   |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG041516\  
Data File : BG021695.D  
Acq On : 15 Apr 2016 21:16  
Operator : UM/SJ  
Sample : H2549-01  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
S8-0575

Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041316.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

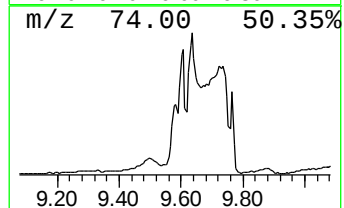
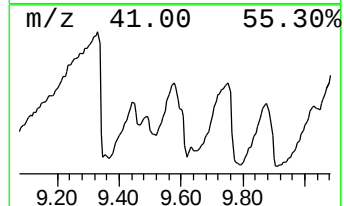
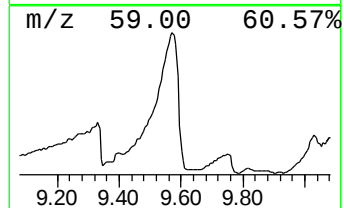
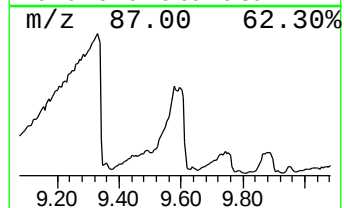
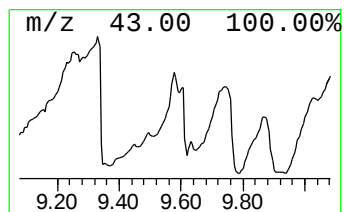
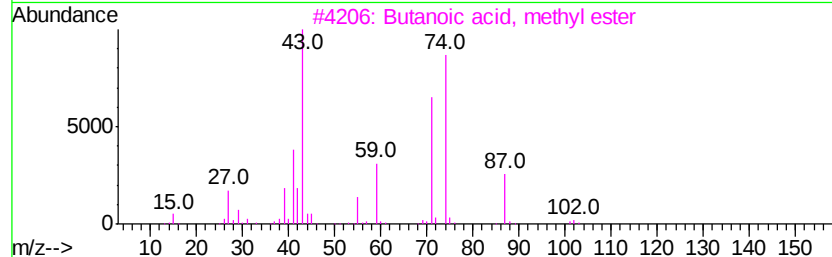
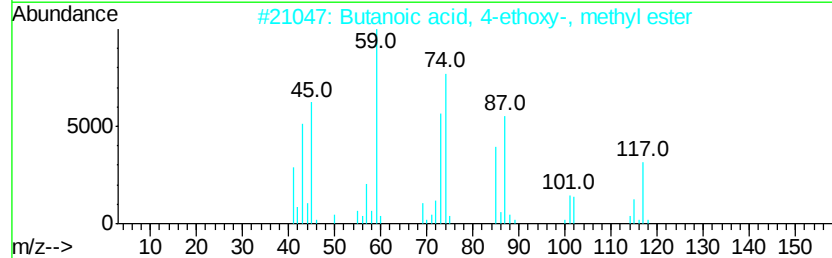
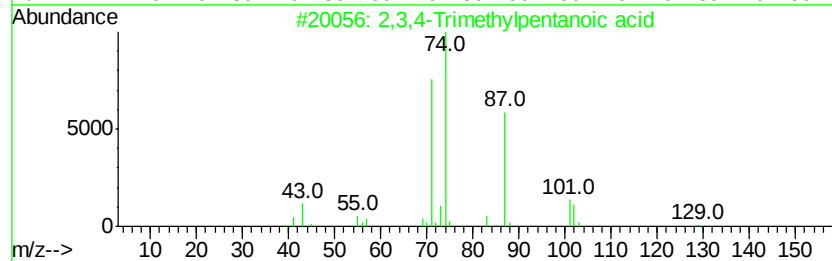
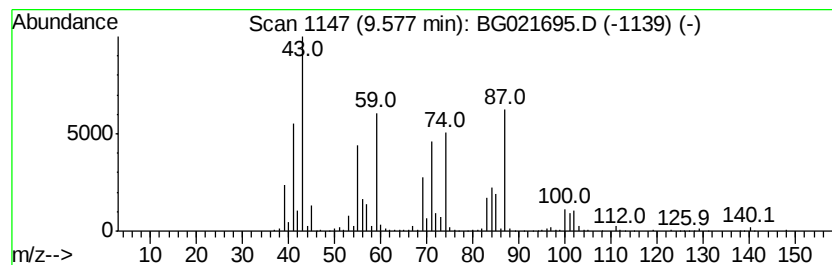
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TIC Integration Parameters: LSCINT.P

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Peak Number 8 unknown9.58 Concentration Rank 2

| R.T. | EstConc   | Area    | Relative to ISTD       | R.T. |
|------|-----------|---------|------------------------|------|
| 9.58 | 142.24 ng | 1226140 | 1,4-Dichlorobenzene-d4 | 8.21 |

| Hit# | of | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|-------------------------------------|-----|----------|-------------|------|
| 1    | 5  | 2,3,4-Trimethylpentanoic acid       | 144 | C8H16O2  | 090435-18-0 | 38   |
| 2    |    | Butanoic acid, 4-ethoxy-, methyl... | 146 | C7H14O3  | 029006-04-0 | 38   |
| 3    |    | Butanoic acid, methyl ester         | 102 | C5H10O2  | 000623-42-7 | 35   |
| 4    |    | Silane, methyltripropyl-            | 172 | C10H24Si | 000995-24-4 | 22   |
| 5    |    | Butanoic acid, 3-methyl-, methyl... | 116 | C6H12O2  | 000556-24-1 | 22   |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG041516\  
Data File : BG021695.D  
Acq On : 15 Apr 2016 21:16  
Operator : UM/SJ  
Sample : H2549-01  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
S8-0575

Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041316.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

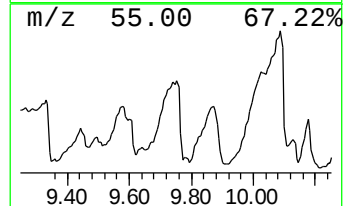
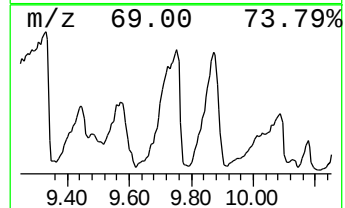
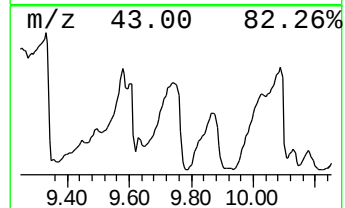
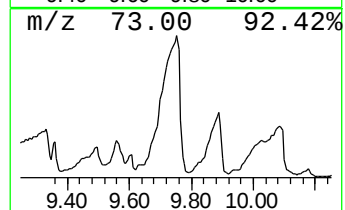
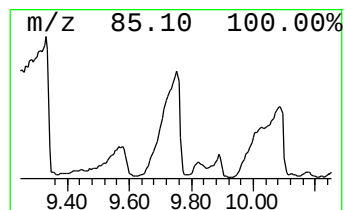
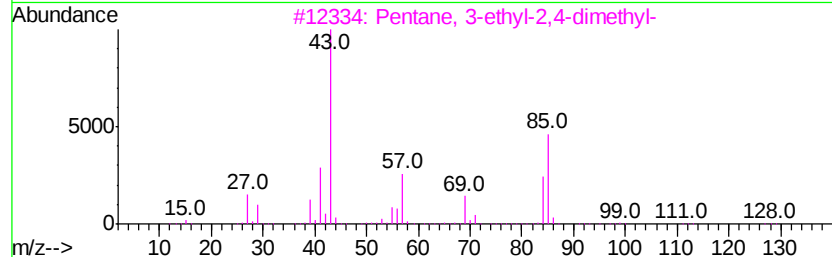
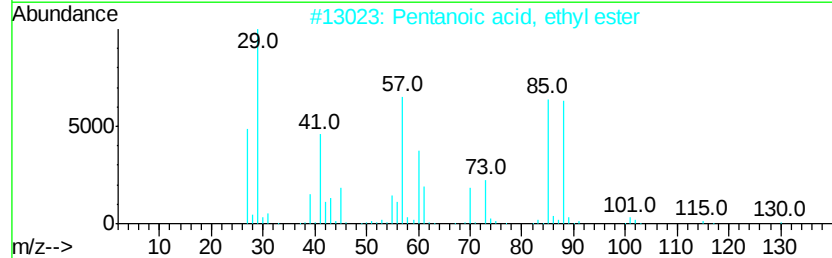
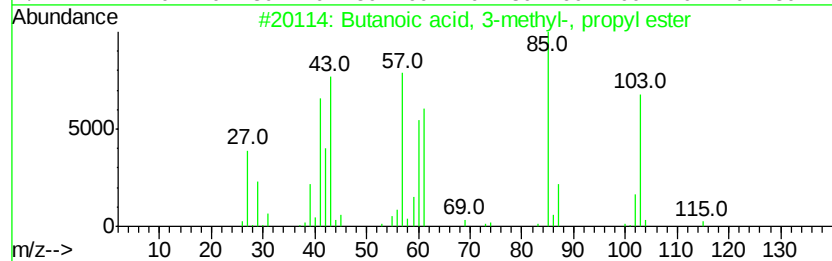
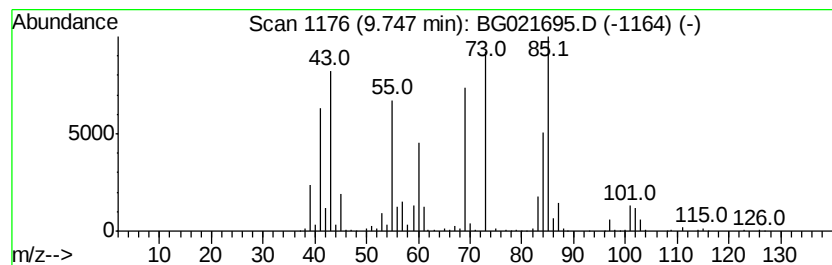
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TIC Integration Parameters: LSCINT.P

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Peak Number 9 unknown9.75 Concentration Rank 5

| R.T. | EstConc  | Area    | Relative to ISTD | R.T.  |
|------|----------|---------|------------------|-------|
| 9.75 | 81.48 ng | 2835570 | Napthalene-d8    | 11.03 |

| Hit# | of | Tentative ID                         | MW  | MolForm  | CAS#         | Qual |
|------|----|--------------------------------------|-----|----------|--------------|------|
| 1    | 5  | Butanoic acid, 3-methyl-, propyl...  | 144 | C8H16O2  | 000557-00-6  | 47   |
| 2    |    | Pentanoic acid, ethyl ester          | 130 | C7H14O2  | 000539-82-2  | 47   |
| 3    |    | Pentane, 3-ethyl-2,4-dimethyl-       | 128 | C9H20    | 001068-87-7  | 38   |
| 4    |    | N-(5-Oxo-tetrahydro-furan-2-yl)me... | 157 | C7H11NO3 | 1000188-71-2 | 38   |
| 5    |    | Butanoic acid, 3-methyl-, hexyl ...  | 186 | C11H22O2 | 010032-13-0  | 38   |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG041516\  
Data File : BG021695.D  
Acq On : 15 Apr 2016 21:16  
Operator : UM/SJ  
Sample : H2549-01  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
S8-0575

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

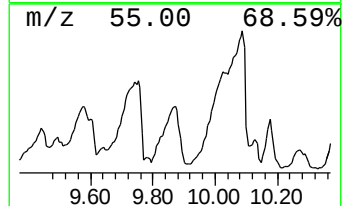
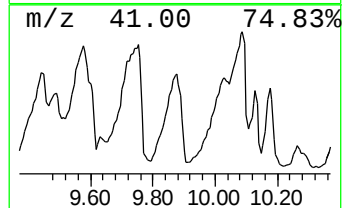
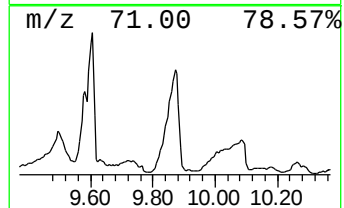
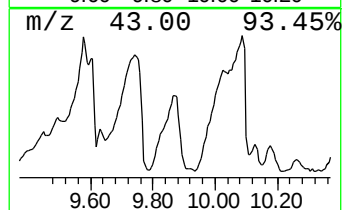
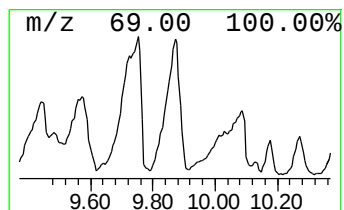
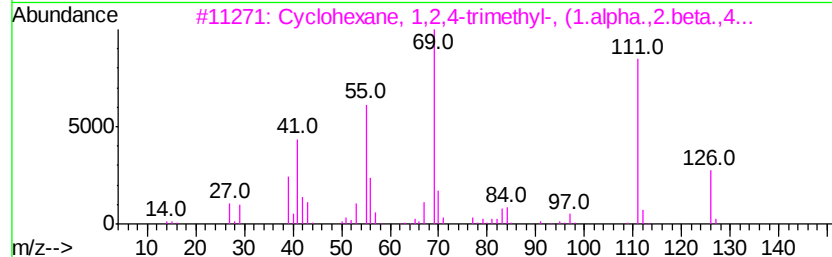
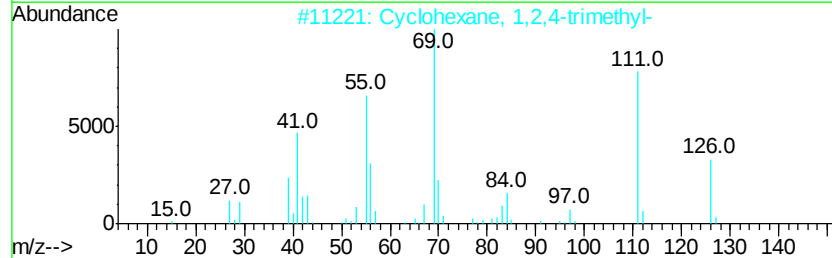
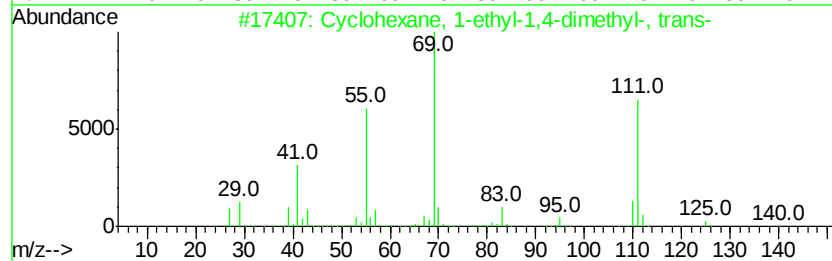
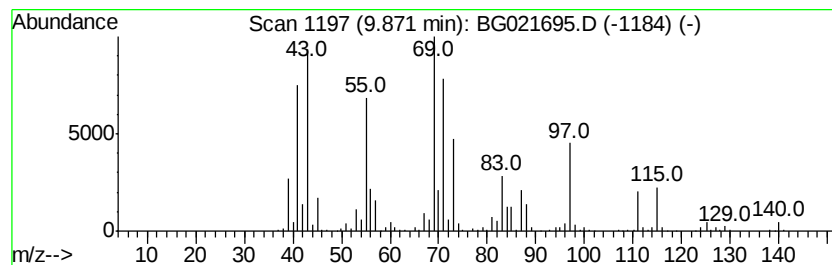
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TIC Integration Parameters: LSCINT.P

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Peak Number 10 unknown9.87 Concentration Rank 8

| R.T. | EstConc  | Area    | Relative to ISTD | R.T.  |
|------|----------|---------|------------------|-------|
| 9.87 | 51.38 ng | 1788010 | Naphthalene-d8   | 11.03 |

| Hit# | of | Tentative ID                         | MW  | MolForm | CAS#        | Qual |
|------|----|--------------------------------------|-----|---------|-------------|------|
| 1    | 5  | Cyclohexane, 1-ethyl-1,4-dimethyl... | 140 | C10H20  | 062238-32-8 | 22   |
| 2    |    | Cyclohexane, 1,2,4-trimethyl-        | 126 | C9H18   | 002234-75-5 | 22   |
| 3    |    | Cyclohexane, 1,2,4-trimethyl-, (...) | 126 | C9H18   | 007667-60-9 | 22   |
| 4    |    | 3-Ethyl-4-octene                     | 140 | C10H20  | 019781-32-9 | 22   |
| 5    |    | 4,4-Dimethyl-1-hexene                | 112 | C8H16   | 001647-08-1 | 22   |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG041516\  
Data File : BG021695.D  
Acq On : 15 Apr 2016 21:16  
Operator : UM/SJ  
Sample : H2549-01  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

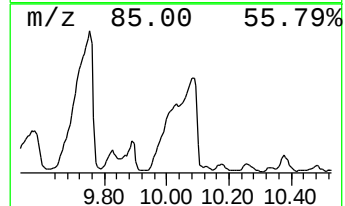
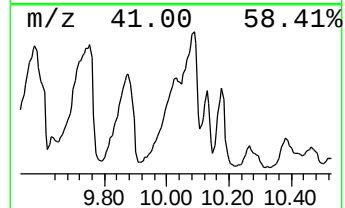
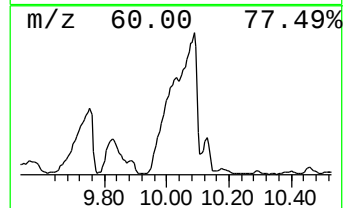
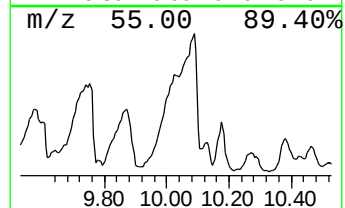
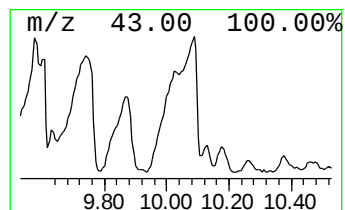
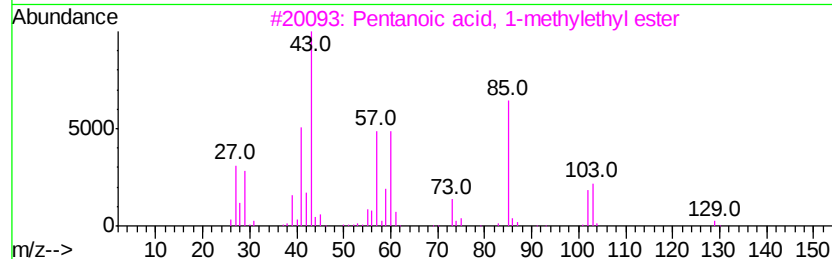
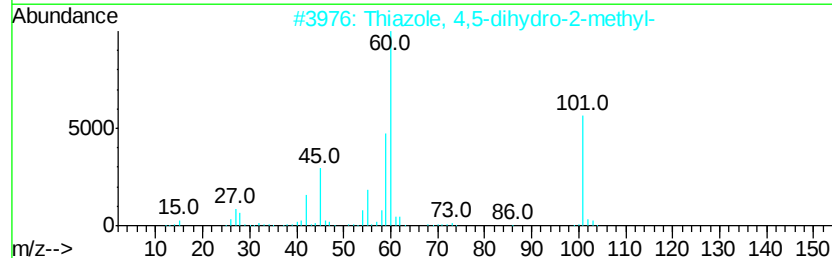
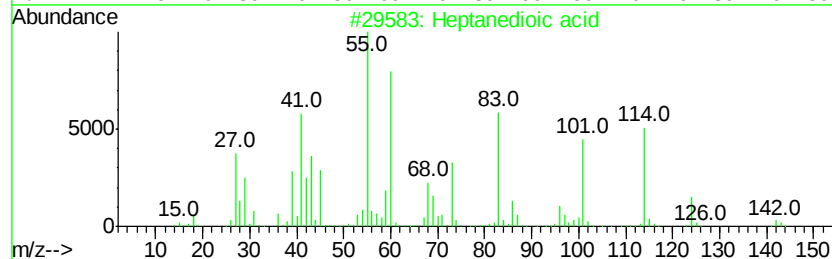
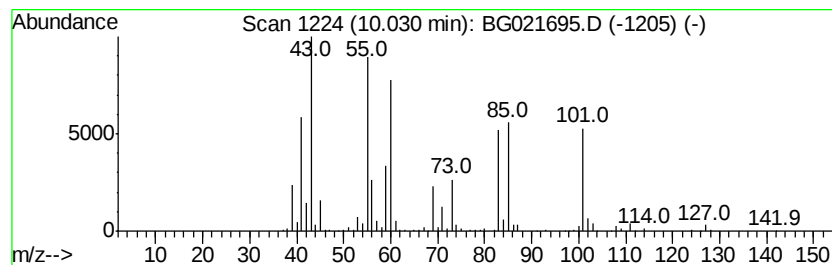
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BNA\_G  
ClientSampled :  
S8-0575

Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041316.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 11 unknown10.03 Concentration Rank 6

| R.T.    | EstConc  | Area                                 | Relative to ISTD | R.T.            |
|---------|----------|--------------------------------------|------------------|-----------------|
| 10.03   | 58.13 ng | 2022820                              | Napthalene-d8    | 11.03           |
| Hit# of | 5        | Tentative ID                         | MW MolForm       | CAS# Qual       |
| 1       |          | Heptanedioic acid                    | 160 C7H12O4      | 000111-16-0 40  |
| 2       |          | Thiazole, 4,5-dihydro-2-methyl-      | 101 C4H7NS       | 002346-00-1 32  |
| 3       |          | Pentanoic acid, 1-methylethyl ester  | 144 C8H16O2      | 018362-97-5 32  |
| 4       |          | Cyclobutanecarboxylic acid, prop...  | 142 C8H14O2      | 1000280-40-0 25 |
| 5       |          | 2H-1,2-Oxazine, tetrahydro-2-methyl- | 101 C5H11NO      | 022445-43-8 25  |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG041516\  
Data File : BG021695.D  
Acq On : 15 Apr 2016 21:16  
Operator : UM/SJ  
Sample : H2549-01  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

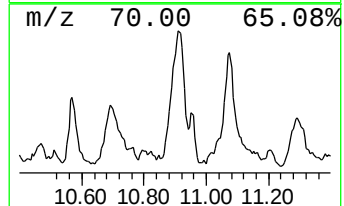
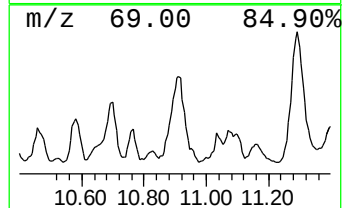
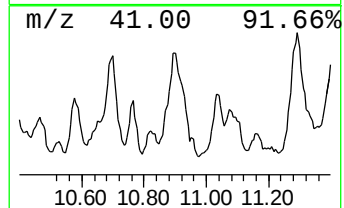
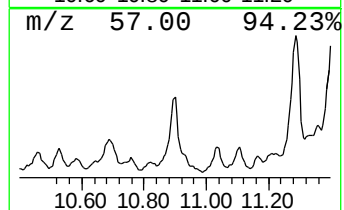
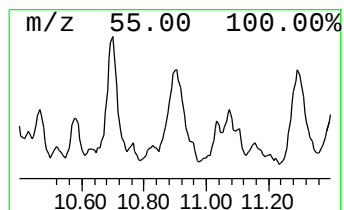
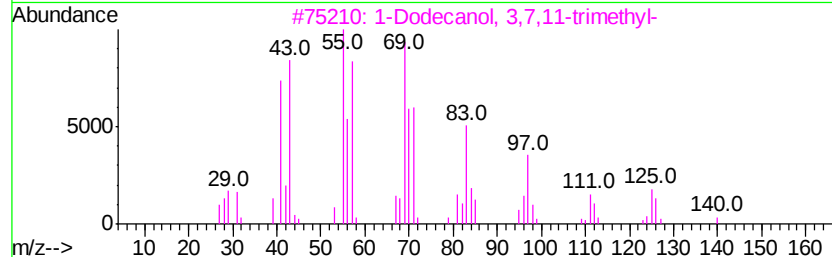
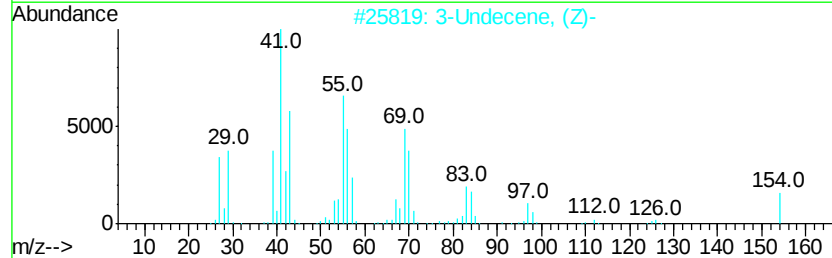
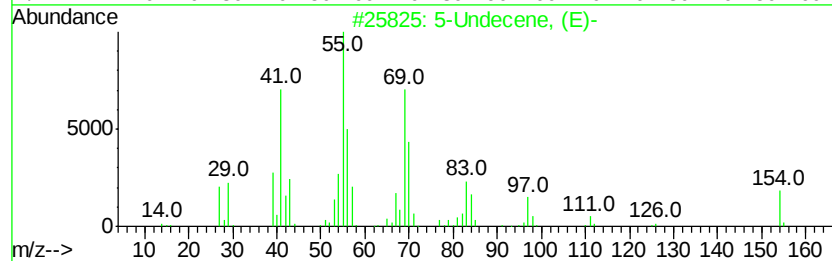
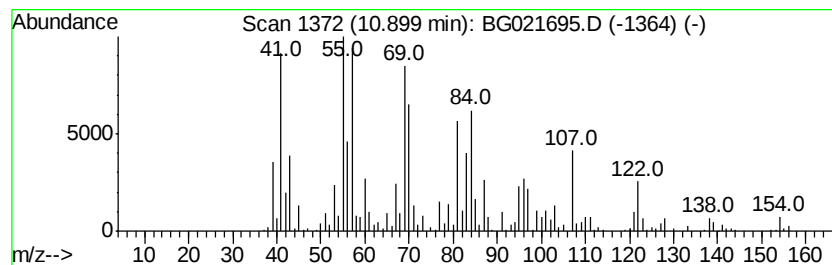
Instrument :  
BNA\_G  
ClientSampleId :  
S8-0575

Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041316.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 12 5-Undecene, (E)- Concentration Rank 15

| R.T.      | EstConc                        | Area    | Relative to ISTD | R.T.        |      |
|-----------|--------------------------------|---------|------------------|-------------|------|
| 10.90     | 36.20 ng                       | 1259720 | Napthalene-d8    | 11.03       |      |
| Hit# of 5 | Tentative ID                   | MW      | MolForm          | CAS#        | Qual |
| 1         | 5-Undecene, (E)-               | 154     | C11H22           | 000764-97-6 | 55   |
| 2         | 3-Undecene, (Z)-               | 154     | C11H22           | 000821-97-6 | 49   |
| 3         | 1-Dodecanol, 3,7,11-trimethyl- | 228     | C15H32O          | 006750-34-1 | 46   |
| 4         | Cyclohexane, 1,2,3-trimethyl-  | 126     | C9H18            | 001678-97-3 | 46   |
| 5         | Cyclopentane, hexyl-           | 154     | C11H22           | 004457-00-5 | 43   |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG041516\  
Data File : BG021695.D  
Acq On : 15 Apr 2016 21:16  
Operator : UM/SJ  
Sample : H2549-01  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
S8-0575

Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041316.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

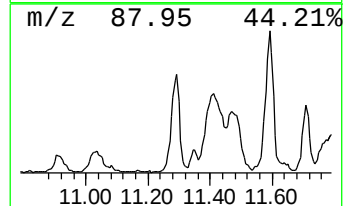
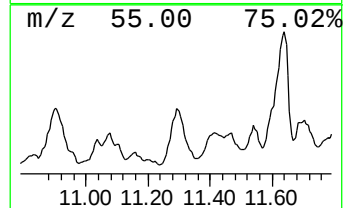
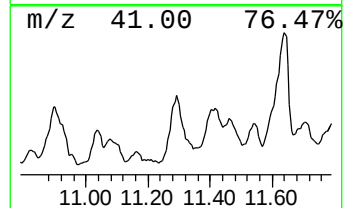
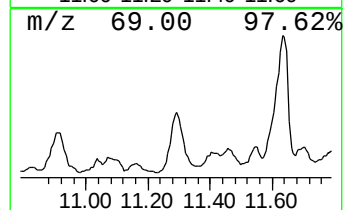
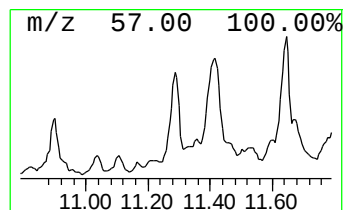
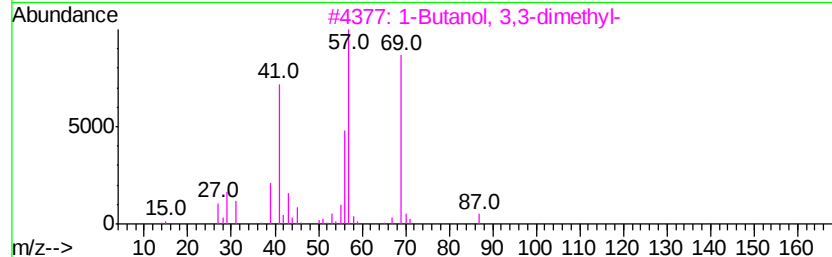
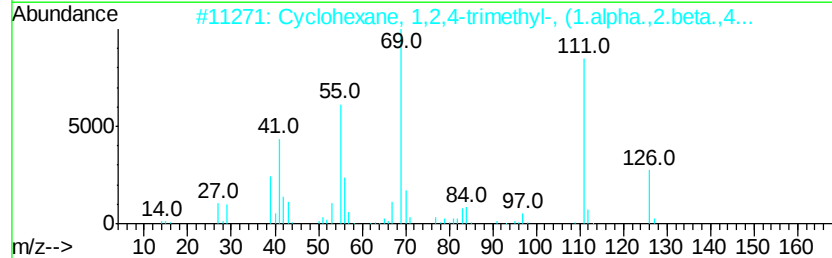
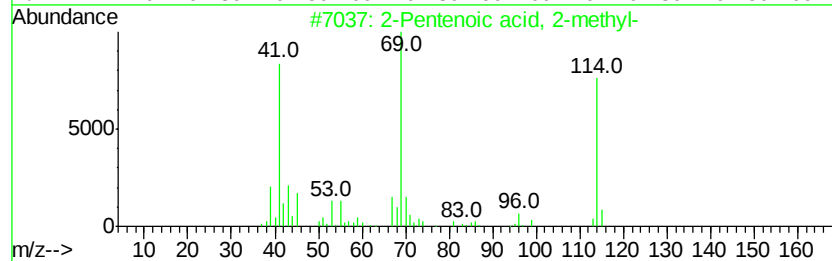
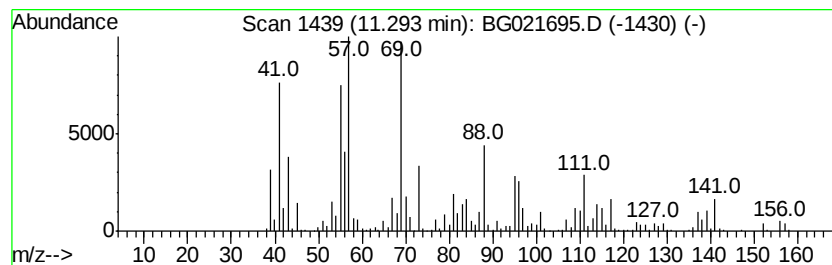
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 13 unknown11.29 Concentration Rank 14

| R.T.  | EstConc  | Area    | Relative to ISTD | R.T.  |
|-------|----------|---------|------------------|-------|
| 11.29 | 39.55 ng | 1376290 | Napthalene-d8    | 11.03 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------------|-----|---------|-------------|------|
| 1    | 5  | 2-Pentenoic acid, 2-methyl-         | 114 | C6H10O2 | 003142-72-1 | 38   |
| 2    |    | Cyclohexane, 1,2,4-trimethyl-, (... | 126 | C9H18   | 007667-60-9 | 35   |
| 3    |    | 1-Butanol, 3,3-dimethyl-            | 102 | C6H14O  | 000624-95-3 | 35   |
| 4    |    | 2-Propenoic acid, 2-methyl-, 1,1... | 142 | C8H14O2 | 000585-07-9 | 35   |
| 5    |    | Cyclopentane, 1,1,3,4-tetramethy... | 126 | C9H18   | 053907-60-1 | 30   |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG041516\  
Data File : BG021695.D  
Acq On : 15 Apr 2016 21:16  
Operator : UM/SJ  
Sample : H2549-01  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
S8-0575

Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041316.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

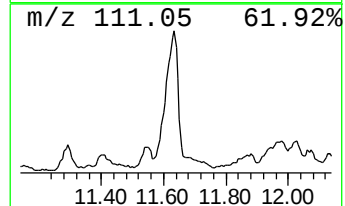
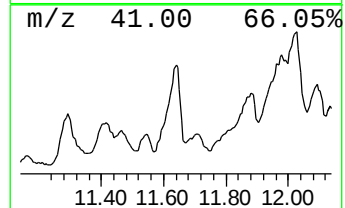
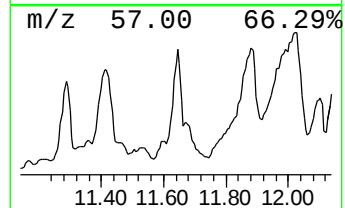
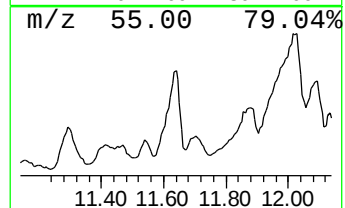
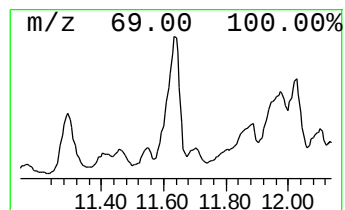
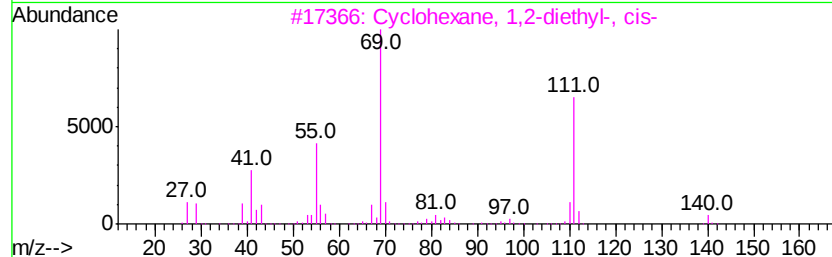
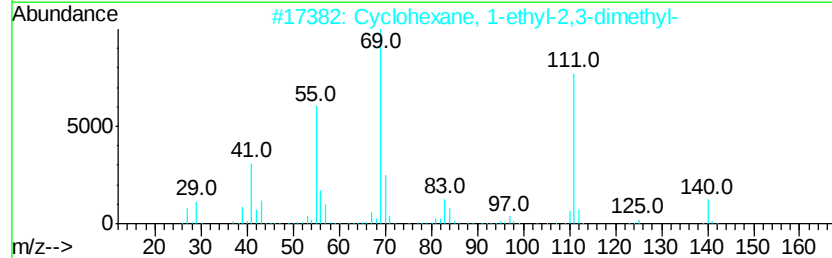
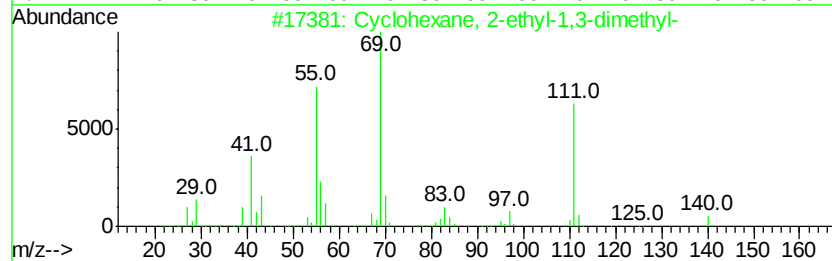
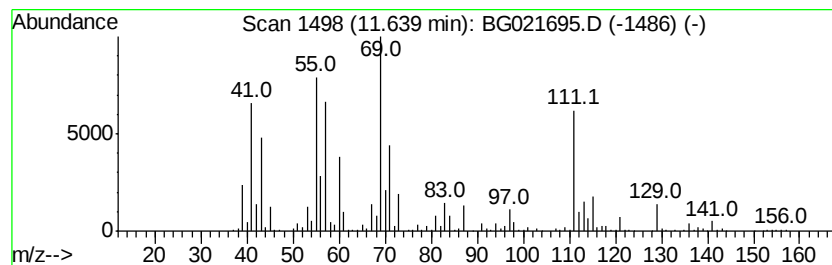
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TIC Integration Parameters: LSCINT.P

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Peak Number 14 unknown11.64 Concentration Rank 7

| R.T.  | EstConc  | Area    | Relative to ISTD | R.T.  |
|-------|----------|---------|------------------|-------|
| 11.64 | 53.12 ng | 1848580 | Naphthalene-d8   | 11.03 |

| Hit# | of | Tentative ID                       | MW  | MolForm | CAS#         | Qual |
|------|----|------------------------------------|-----|---------|--------------|------|
| 1    | 5  | Cyclohexane, 2-ethyl-1,3-dimethyl- | 140 | C10H20  | 007045-67-2  | 46   |
| 2    |    | Cyclohexane, 1-ethyl-2,3-dimethyl- | 140 | C10H20  | 007058-05-1  | 43   |
| 3    |    | Cyclohexane, 1,2-diethyl-, cis-    | 140 | C10H20  | 000824-43-1  | 43   |
| 4    |    | 1-Hexene, 3,3-dimethyl-            | 112 | C8H16   | 003404-77-1  | 38   |
| 5    |    | 2,3,4-Trimethyl-hex-3-enal         | 140 | C9H16O  | 1000193-72-9 | 38   |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG041516\  
Data File : BG021695.D  
Acq On : 15 Apr 2016 21:16  
Operator : UM/SJ  
Sample : H2549-01  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
S8-0575

Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041316.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

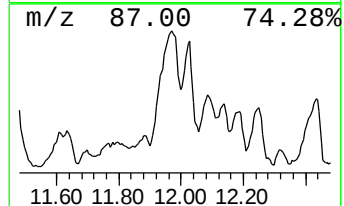
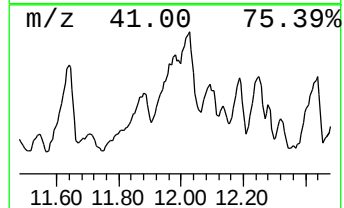
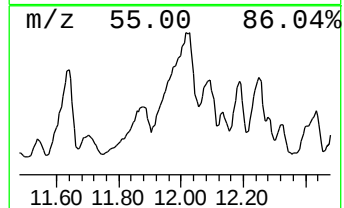
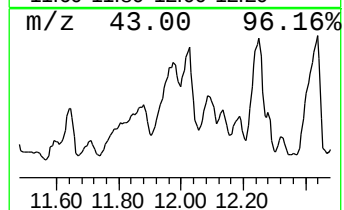
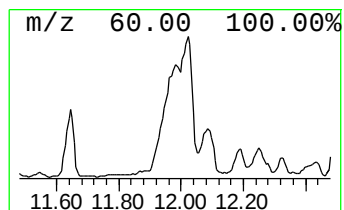
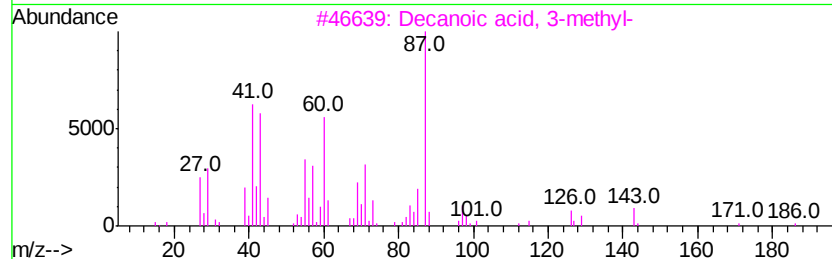
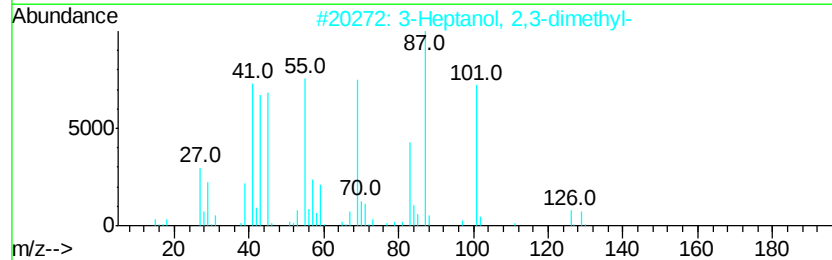
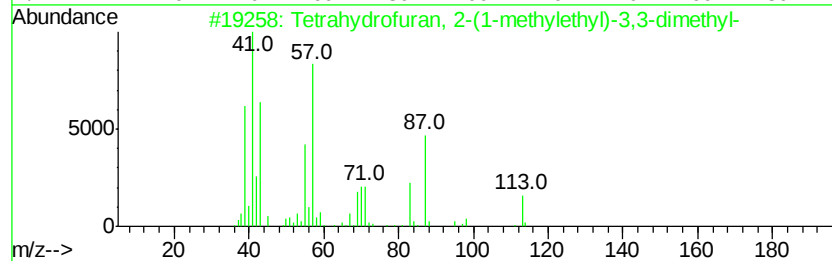
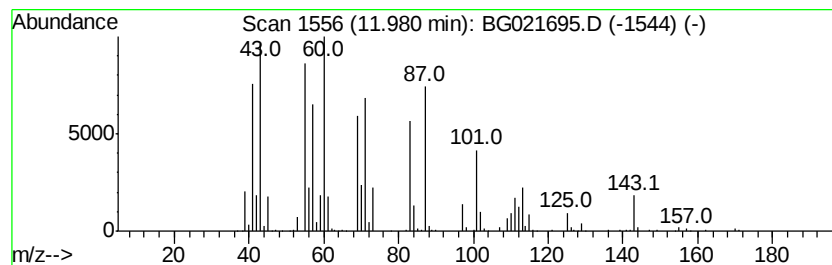
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 15 unknown11.98 Concentration Rank 10

| R.T.  | EstConc  | Area    | Relative to ISTD | R.T.  |
|-------|----------|---------|------------------|-------|
| 11.98 | 45.72 ng | 1591010 | Napthalene-d8    | 11.03 |

| Hit# | of | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|-------------------------------------|-----|----------|--------------|------|
| 1    | 5  | Tetrahydrofuran, 2-(1-methylethyl)- | 142 | C9H18O   | 1000292-98-8 | 27   |
| 2    |    | 3-Heptanol, 2,3-dimethyl-           | 144 | C9H20O   | 019549-71-4  | 27   |
| 3    |    | Decanoic acid, 3-methyl-            | 186 | C11H22O2 | 060308-82-9  | 27   |
| 4    |    | Heptanoic acid                      | 130 | C7H14O2  | 000111-14-8  | 27   |
| 5    |    | Ether, butyl isopentyl              | 144 | C9H20O   | 017071-52-2  | 22   |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG041516\  
Data File : BG021695.D  
Acq On : 15 Apr 2016 21:16  
Operator : UM/SJ  
Sample : H2549-01  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
S8-0575

Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041316.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

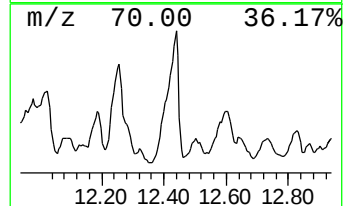
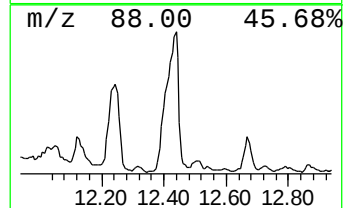
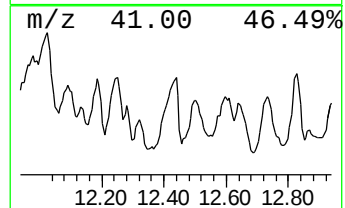
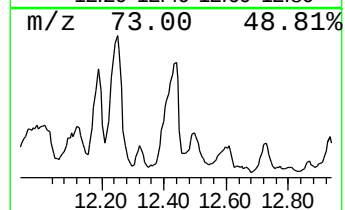
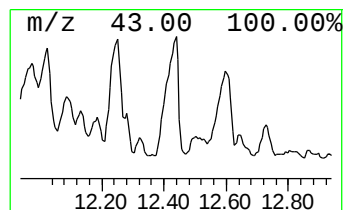
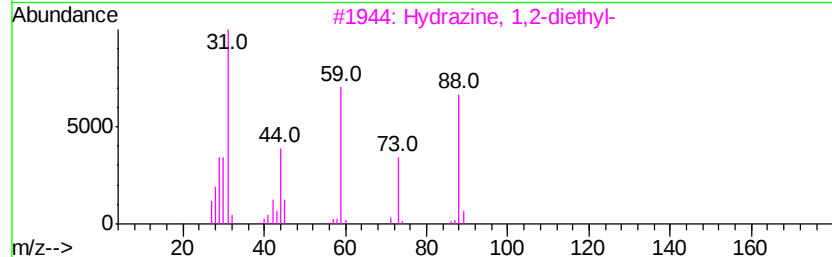
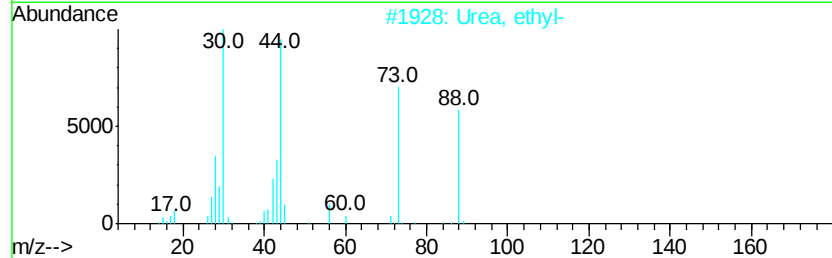
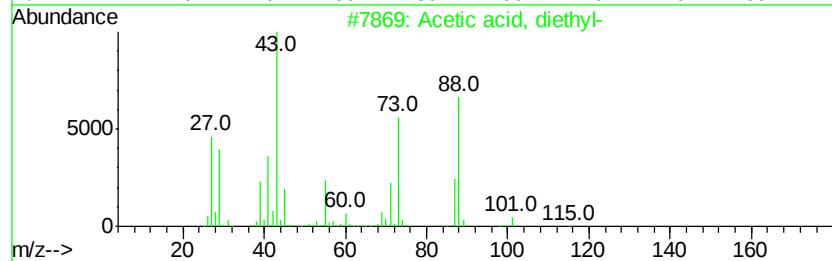
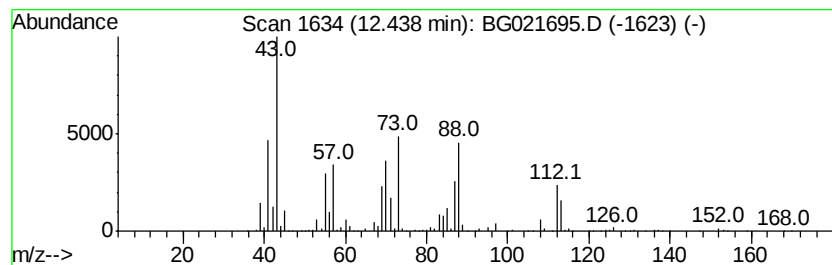
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 16 unknown12.44 Concentration Rank 13

| R.T.  | EstConc  | Area    | Relative to ISTD | R.T.  |
|-------|----------|---------|------------------|-------|
| 12.44 | 39.72 ng | 1382260 | Naphthalene-d8   | 11.03 |

| Hit# | of | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|----------------------------|-----|---------|-------------|------|
| 1    | 5  | Acetic acid, diethyl-      | 116 | C6H12O2 | 000088-09-5 | 32   |
| 2    |    | Urea, ethyl-               | 88  | C3H8N2O | 000625-52-5 | 22   |
| 3    |    | Hvdrazine, 1,2-diethyl-    | 88  | C4H12N2 | 001615-80-1 | 22   |
| 4    |    | Propane, 1-ethoxy-         | 88  | C5H12O  | 000628-32-0 | 14   |
| 5    |    | Pentane, 3-ethyl-2-methyl- | 114 | C8H18   | 000609-26-7 | 11   |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG041516\  
Data File : BG021695.D  
Acq On : 15 Apr 2016 21:16  
Operator : UM/SJ  
Sample : H2549-01  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
S8-0575

Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041316.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

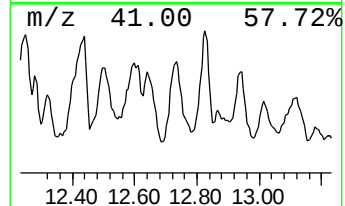
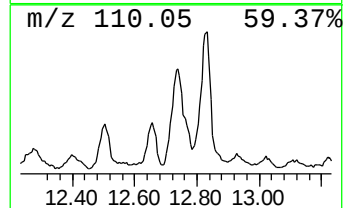
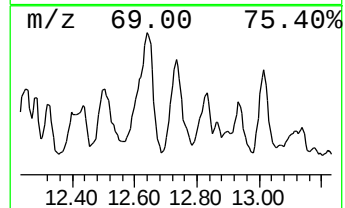
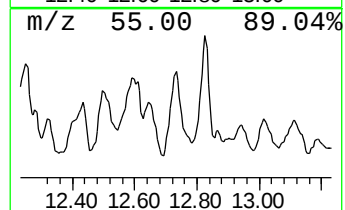
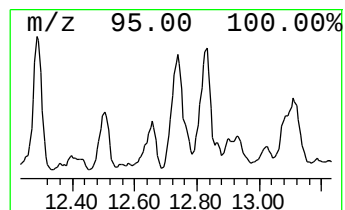
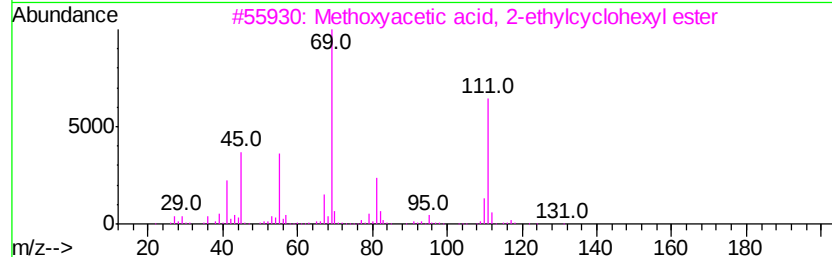
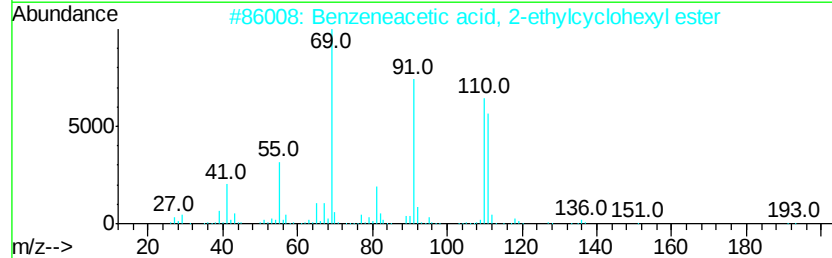
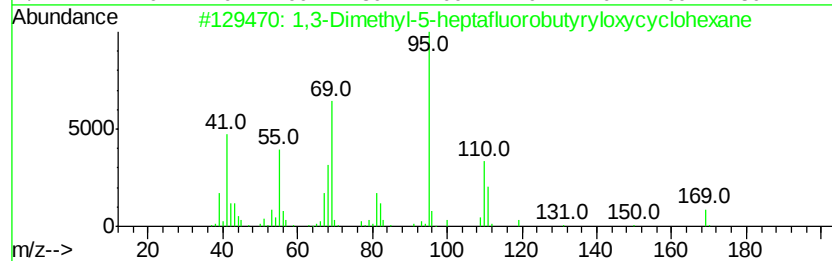
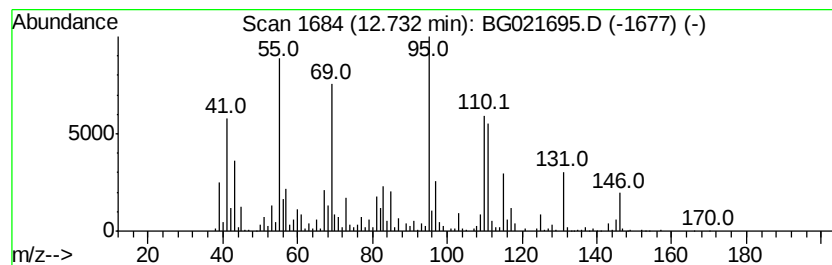
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 17 unknown12.73 Concentration Rank 11

| R.T.  | EstConc  | Area    | Relative to ISTD | R.T.  |
|-------|----------|---------|------------------|-------|
| 12.73 | 43.05 ng | 1497960 | Naphthalene-d8   | 11.03 |

| Hit# | of | Tentative ID                        | MW  | MolForm    | CAS#         | Qual |
|------|----|-------------------------------------|-----|------------|--------------|------|
| 1    | 5  | 1,3-Dimethyl-5-heptafluorobutyl...  | 324 | C12H15F7O2 | 1000216-63-8 | 46   |
| 2    |    | Benzeneacetic acid, 2-ethylcyclo... | 246 | C16H22O2   | 1000282-63-9 | 35   |
| 3    |    | Methoxyacetic acid, 2-ethylcyclo... | 200 | C11H20O3   | 1000282-69-7 | 27   |
| 4    |    | Cyclopropane, 2-(1,1-dimethyl-2-... | 166 | C12H22     | 074663-76-6  | 27   |
| 5    |    | Cyclohexane, 1,1'-(1,2-dimethyl-... | 222 | C16H30     | 074663-71-1  | 27   |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG041516\  
Data File : BG021695.D  
Acq On : 15 Apr 2016 21:16  
Operator : UM/SJ  
Sample : H2549-01  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
S8-0575

Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041316.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

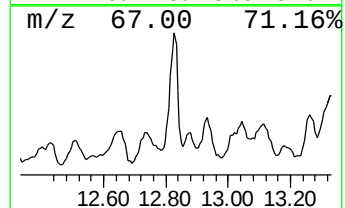
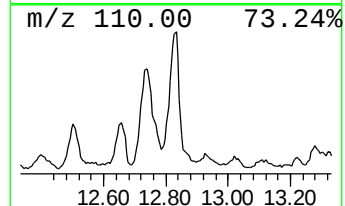
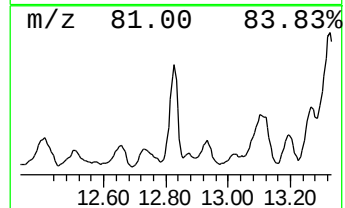
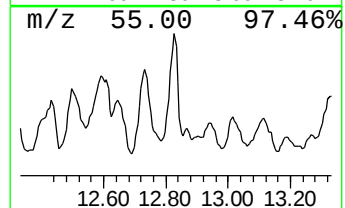
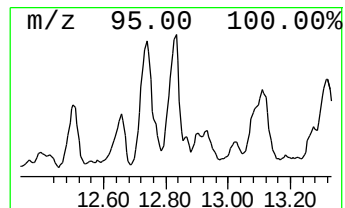
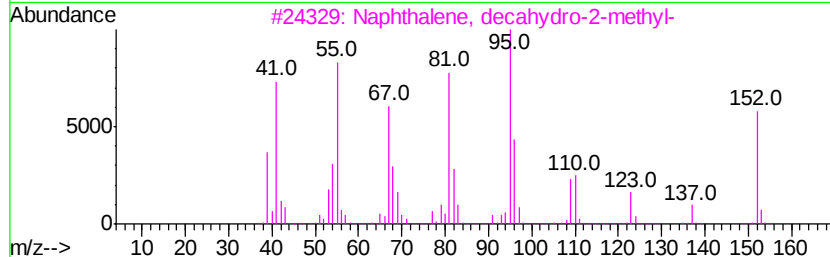
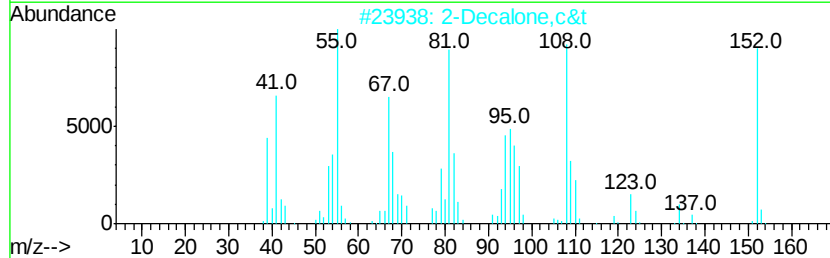
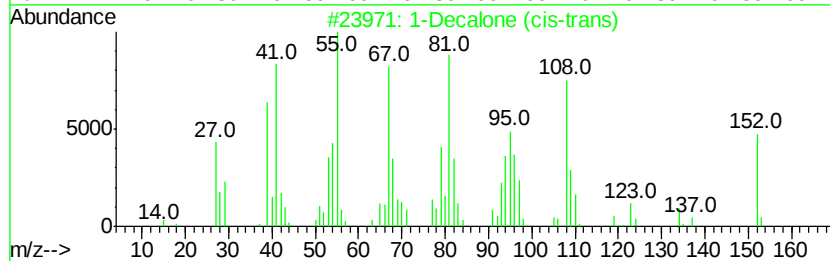
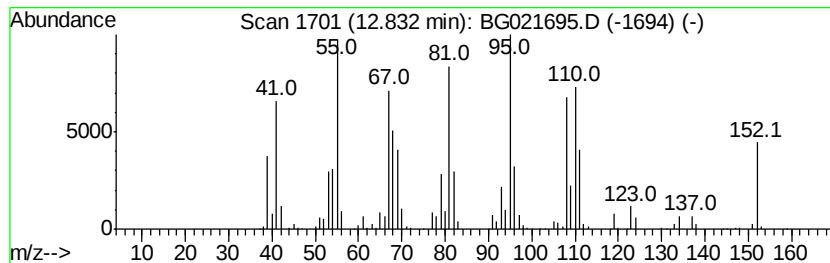
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 18 1-Decalone (cis-trans) Concentration Rank 18

| R.T.  | EstConc  | Area    | Relative to ISTD | R.T.  |
|-------|----------|---------|------------------|-------|
| 12.83 | 33.84 ng | 1177450 | Naphthalene-d8   | 11.03 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|---------|--------------|------|
| 1    |    |   | 1-Decalone (cis-trans)              | 152 | C10H16O | 004832-16-0  | 90   |
| 2    |    |   | 2-Decalone,c&t                      | 152 | C10H16O | 004832-17-1  | 83   |
| 3    |    |   | Naphthalene, decahydro-2-methyl-    | 152 | C11H20  | 002958-76-1  | 70   |
| 4    |    |   | cis-Decalin, 2-syn-methyl-          | 152 | C11H20  | 1000155-85-6 | 70   |
| 5    |    |   | 2(1H)-Naphthalenone, octahydro-,... | 152 | C10H16O | 016021-08-2  | 70   |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG041516\  
Data File : BG021695.D  
Acq On : 15 Apr 2016 21:16  
Operator : UM/SJ  
Sample : H2549-01  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
S8-0575

Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041316.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

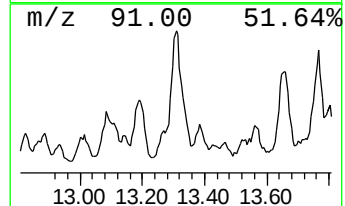
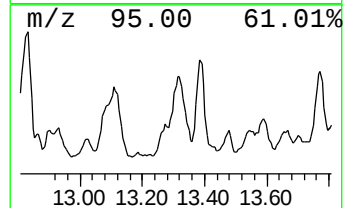
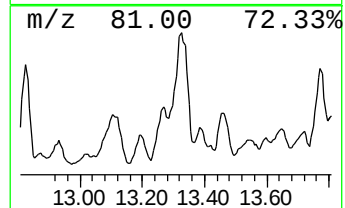
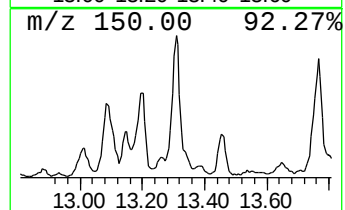
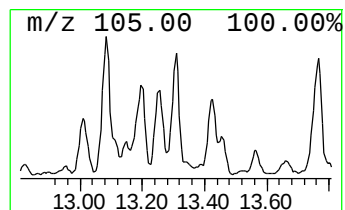
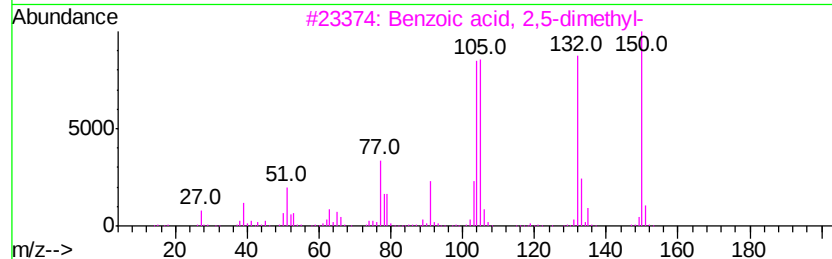
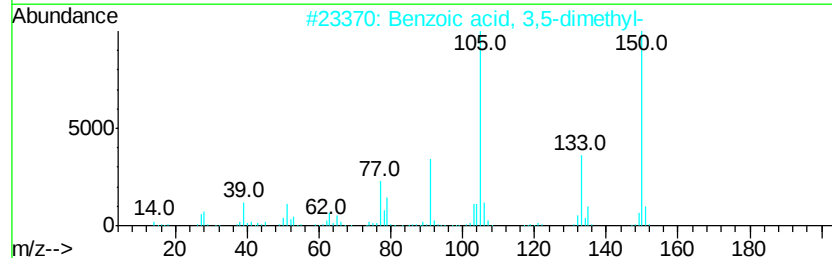
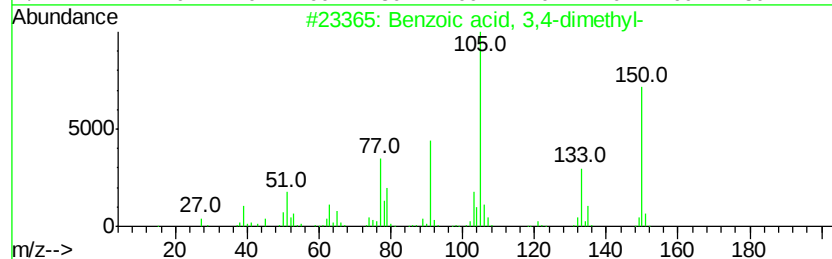
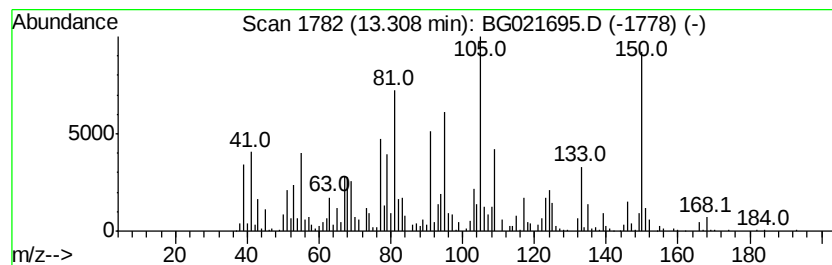
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 19 Benzoic acid, 3,4-dimethyl- Concentration Rank 20

| R.T.  | EstConc  | Area    | Relative to ISTD | R.T.  |
|-------|----------|---------|------------------|-------|
| 13.31 | 32.34 ng | 1823760 | Acenaphthene-d10 | 14.82 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------------|-----|---------|-------------|------|
| 1    | 5  | Benzoic acid, 3,4-dimethyl-         | 150 | C9H10O2 | 000619-04-5 | 90   |
| 2    |    | Benzoic acid, 3,5-dimethyl-         | 150 | C9H10O2 | 000499-06-9 | 59   |
| 3    |    | Benzoic acid, 2,5-dimethyl-         | 150 | C9H10O2 | 000610-72-0 | 44   |
| 4    |    | Ethanone, 1-(1-cyclohexen-1-yl)-    | 124 | C8H12O  | 000932-66-1 | 41   |
| 5    |    | Cyclopentanone, 2-cyclopentylidene- | 150 | C10H14O | 000825-25-2 | 38   |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG041516\  
Data File : BG021695.D  
Acq On : 15 Apr 2016 21:16  
Operator : UM/SJ  
Sample : H2549-01  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampled :  
S8-0575

Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041316.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

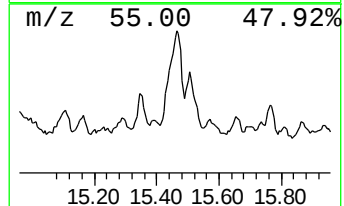
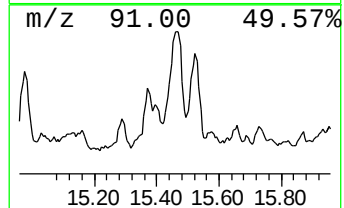
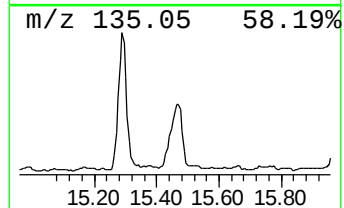
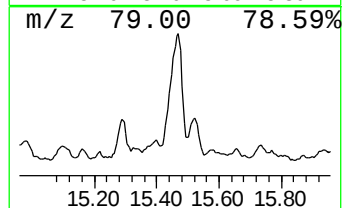
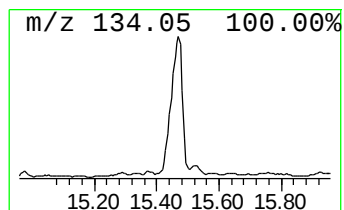
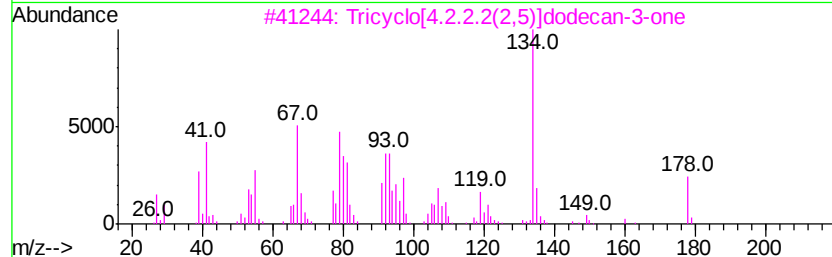
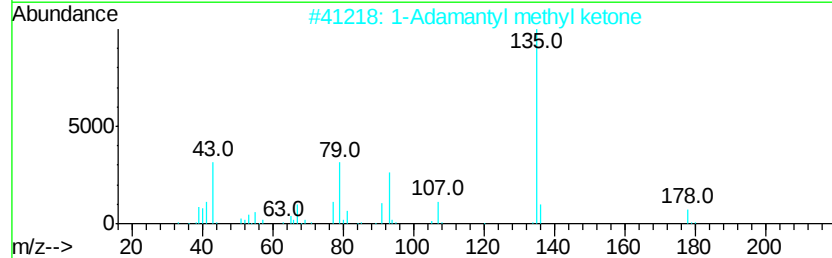
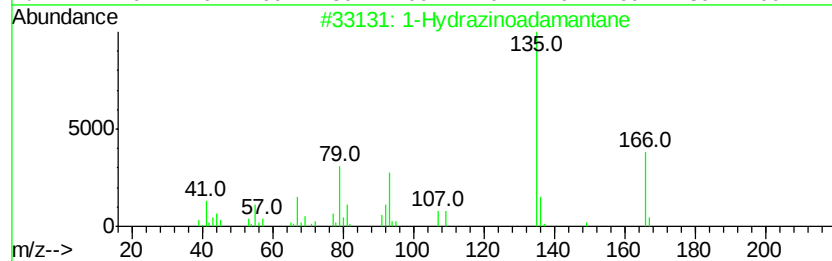
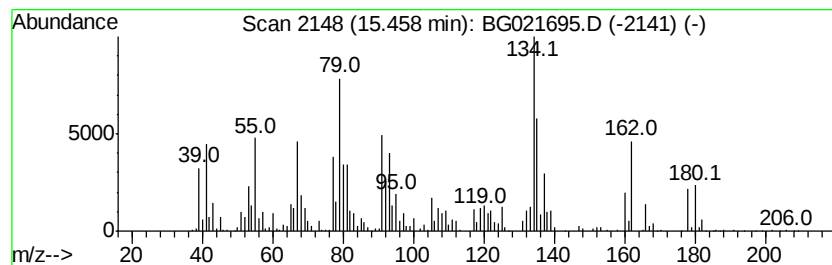
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 20 unknown15.46 Concentration Rank 12

| R.T.  | EstConc  | Area    | Relative to ISTD | R.T.  |
|-------|----------|---------|------------------|-------|
| 15.46 | 41.06 ng | 2315690 | Acenaphthene-d10 | 14.82 |

| Hit# | of | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|-------------------------------------|-----|----------|--------------|------|
| 1    | 5  | 1-Hydrazinoadamantane               | 166 | C10H18N2 | 016782-38-0  | 45   |
| 2    |    | 1-Adamantyl methyl ketone           | 178 | C12H18O  | 001660-04-4  | 42   |
| 3    |    | Tricyclo[4.2.2.2(2,5)]dodecan-3-one | 178 | C12H18O  | 068177-17-3  | 38   |
| 4    |    | 3-Oxabicyclo[5.3.0]decan-2-one, ... | 166 | C10H14O2 | 1000155-88-8 | 38   |
| 5    |    | 6-Butyl-1,4-cycloheptadiene         | 150 | C11H18   | 022735-58-6  | 25   |



Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG041516\  
 Data File : BG021695.D  
 Acq On : 15 Apr 2016 21:16  
 Operator : UM/SJ  
 Sample : H2549-01  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 S8-0575

Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\8270-BG041316.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 |
| Hexanoic acid, 2-... | 6.42  | 36.0    | ng    | 309990   | 1                     | 8.21  | 172408  | 20.0 |
| unknown7.61          | 7.61  | 32.9    | ng    | 283304   | 1                     | 8.21  | 172408  | 20.0 |
| unknown7.69          | 7.69  | 34.7    | ng    | 299301   | 1                     | 8.21  | 172408  | 20.0 |
| unknown9.15          | 9.15  | 412.1   | ng    | 3552570  | 1                     | 8.21  | 172408  | 20.0 |
| unknown9.58          | 9.58  | 142.2   | ng    | 1226140  | 1                     | 8.21  | 172408  | 20.0 |
| unknown9.75          | 9.75  | 81.5    | ng    | 2835570  | 2                     | 11.03 | 695974  | 20.0 |
| unknown9.87          | 9.87  | 51.4    | ng    | 1788010  | 2                     | 11.03 | 695974  | 20.0 |
| unknown10.03         | 10.03 | 58.1    | ng    | 2022820  | 2                     | 11.03 | 695974  | 20.0 |
| 5-Undecene, (E)-     | 10.90 | 36.2    | ng    | 1259720  | 2                     | 11.03 | 695974  | 20.0 |
| unknown11.29         | 11.29 | 39.5    | ng    | 1376290  | 2                     | 11.03 | 695974  | 20.0 |
| unknown11.64         | 11.64 | 53.1    | ng    | 1848580  | 2                     | 11.03 | 695974  | 20.0 |
| unknown11.98         | 11.98 | 45.7    | ng    | 1591010  | 2                     | 11.03 | 695974  | 20.0 |
| unknown12.44         | 12.44 | 39.7    | ng    | 1382260  | 2                     | 11.03 | 695974  | 20.0 |
| unknown12.73         | 12.73 | 43.0    | ng    | 1497960  | 2                     | 11.03 | 695974  | 20.0 |
| 1-Decalone (cis-t... | 12.83 | 33.8    | ng    | 1177450  | 2                     | 11.03 | 695974  | 20.0 |
| Benzoic acid, 3,4... | 13.31 | 32.3    | ng    | 1823760  | 3                     | 14.82 | 1127870 | 20.0 |
| unknown15.46         | 15.46 | 41.1    | ng    | 2315690  | 3                     | 14.82 | 1127870 | 20.0 |