

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF030122\  
 Data File : BF127136.D  
 Acq On : 02 Mar 2022 00:42  
 Operator : CG\JU  
 Sample : N1713-03 10X  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 VNJ-235

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:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF021622.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF127136.D\data.ms

| peak<br># | R.T.<br>min | first<br>scan | max<br>scan | last<br>scan | PK<br>TY | peak<br>height | corr.<br>area | corr.<br>% max. | % of<br>total |
|-----------|-------------|---------------|-------------|--------------|----------|----------------|---------------|-----------------|---------------|
| 1         | 4.357       | 335           | 352         | 358          | rBV4     | 16041          | 58205         | 2.65%           | 0.290%        |
| 2         | 5.451       | 534           | 538         | 541          | rBV      | 48521          | 47016         | 2.14%           | 0.234%        |
| 3         | 5.504       | 544           | 547         | 554          | rVB      | 204631         | 178435        | 8.13%           | 0.890%        |
| 4         | 5.616       | 557           | 566         | 572          | rBV      | 26734          | 59471         | 2.71%           | 0.297%        |
| 5         | 6.163       | 656           | 659         | 663          | rVB      | 416047         | 336405        | 15.33%          | 1.677%        |
| 6         | 6.516       | 712           | 719         | 722          | rBV      | 268137         | 335724        | 15.29%          | 1.674%        |
| 7         | 6.575       | 724           | 729         | 730          | rVV2     | 166684         | 275275        | 12.54%          | 1.372%        |
| 8         | 6.587       | 730           | 731         | 734          | rVB      | 114986         | 83590         | 3.81%           | 0.417%        |
| 9         | 6.716       | 749           | 753         | 756          | rBV2     | 101407         | 88793         | 4.05%           | 0.443%        |
| 10        | 6.892       | 779           | 783         | 786          | rBV      | 736716         | 596944        | 27.20%          | 2.976%        |
| 11        | 7.204       | 834           | 836         | 840          | rBV3     | 36820          | 48572         | 2.21%           | 0.242%        |
| 12        | 7.422       | 868           | 873         | 875          | rBV      | 42937          | 52215         | 2.38%           | 0.260%        |
| 13        | 7.451       | 875           | 878         | 880          | rVV      | 162624         | 148869        | 6.78%           | 0.742%        |
| 14        | 7.475       | 880           | 882         | 886          | rVV      | 190951         | 149209        | 6.80%           | 0.744%        |
| 15        | 7.534       | 886           | 892         | 895          | rVB7     | 32611          | 52657         | 2.40%           | 0.263%        |
| 16        | 7.698       | 915           | 920         | 925          | rBV3     | 73970          | 107257        | 4.89%           | 0.535%        |
| 17        | 7.845       | 942           | 945         | 947          | rBV2     | 44609          | 57589         | 2.62%           | 0.287%        |
| 18        | 7.875       | 947           | 950         | 953          | rVV3     | 119529         | 170661        | 7.77%           | 0.851%        |
| 19        | 7.910       | 953           | 956         | 962          | rVV2     | 231616         | 307514        | 14.01%          | 1.533%        |
| 20        | 7.981       | 966           | 968         | 971          | rVV3     | 47182          | 49346         | 2.25%           | 0.246%        |
| 21        | 8.081       | 981           | 985         | 988          | rBV2     | 133261         | 174376        | 7.94%           | 0.869%        |
| 22        | 8.110       | 988           | 990         | 992          | rVV2     | 110240         | 105051        | 4.79%           | 0.524%        |
| 23        | 8.145       | 993           | 996         | 998          | rVV      | 367990         | 308563        | 14.06%          | 1.538%        |
| 24        | 8.175       | 998           | 1001        | 1003         | rVV      | 974822         | 820489        | 37.38%          | 4.091%        |
| 25        | 8.198       | 1003          | 1005        | 1007         | rVV      | 897811         | 671598        | 30.60%          | 3.349%        |
| 26        | 8.222       | 1007          | 1009        | 1012         | rVB2     | 149334         | 123136        | 5.61%           | 0.614%        |
| 27        | 8.304       | 1020          | 1023        | 1025         | rBV      | 126737         | 99505         | 4.53%           | 0.496%        |
| 28        | 8.416       | 1036          | 1042        | 1045         | rBV5     | 28619          | 45145         | 2.06%           | 0.225%        |
| 29        | 8.457       | 1045          | 1049        | 1054         | rVV5     | 91006          | 103878        | 4.73%           | 0.518%        |
| 30        | 8.516       | 1054          | 1059        | 1061         | rVV3     | 203819         | 218419        | 9.95%           | 1.089%        |
| 31        | 8.539       | 1061          | 1063        | 1065         | rVV2     | 52552          | 51414         | 2.34%           | 0.256%        |
| 32        | 8.581       | 1068          | 1070        | 1073         | rVB2     | 111083         | 91709         | 4.18%           | 0.457%        |
| 33        | 8.675       | 1082          | 1086        | 1088         | rBV      | 101101         | 88499         | 4.03%           | 0.441%        |
| 34        | 8.757       | 1094          | 1100        | 1103         | rBV      | 329658         | 329191        | 15.00%          | 1.641%        |
| 35        | 8.916       | 1124          | 1127        | 1130         | rVB      | 104106         | 76999         | 3.51%           | 0.384%        |
| 36        | 8.951       | 1130          | 1133        | 1135         | rBV4     | 52505          | 47986         | 2.19%           | 0.239%        |

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Instrument :  
 BNA\_F  
 ClientSampleId :  
 VNJ-235

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:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF021622.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 37 | 8.992  | 1138 | 1140 | 1143 | rBV3 | 81835  | 72083  | 3.28%  | 0.359% |
| 38 | 9.039  | 1145 | 1148 | 1152 | rBV5 | 75798  | 129730 | 5.91%  | 0.647% |
| 39 | 9.075  | 1152 | 1154 | 1158 | rVB3 | 58216  | 66021  | 3.01%  | 0.329% |
| 40 | 9.116  | 1158 | 1161 | 1166 | rBV2 | 82164  | 83315  | 3.80%  | 0.415% |
| 41 | 9.163  | 1166 | 1169 | 1171 | rBV2 | 63630  | 59258  | 2.70%  | 0.295% |
| 42 | 9.186  | 1171 | 1173 | 1176 | rVB  | 104681 | 74276  | 3.38%  | 0.370% |
| 43 | 9.245  | 1180 | 1183 | 1188 | rVB  | 173998 | 140419 | 6.40%  | 0.700% |
| 44 | 9.322  | 1192 | 1196 | 1199 | rBV  | 448932 | 372855 | 16.99% | 1.859% |
| 45 | 9.392  | 1205 | 1208 | 1211 | rBV2 | 175044 | 165427 | 7.54%  | 0.825% |
| 46 | 9.416  | 1211 | 1212 | 1219 | rVB5 | 53207  | 56902  | 2.59%  | 0.284% |
| 47 | 9.510  | 1225 | 1228 | 1232 | rBV3 | 38446  | 46627  | 2.12%  | 0.232% |
| 48 | 9.563  | 1234 | 1237 | 1238 | rBV2 | 80313  | 69760  | 3.18%  | 0.348% |
| 49 | 9.639  | 1246 | 1250 | 1253 | rBV3 | 116058 | 143654 | 6.54%  | 0.716% |
| 50 | 9.710  | 1258 | 1262 | 1264 | rVV2 | 80881  | 105505 | 4.81%  | 0.526% |
| 51 | 9.851  | 1283 | 1286 | 1290 | rVB  | 446961 | 323483 | 14.74% | 1.613% |
| 52 | 9.933  | 1296 | 1300 | 1303 | rVB  | 866631 | 667293 | 30.40% | 3.327% |
| 53 | 10.027 | 1314 | 1316 | 1321 | rBV5 | 35643  | 55196  | 2.51%  | 0.275% |
| 54 | 10.086 | 1321 | 1326 | 1328 | rVV3 | 46237  | 91505  | 4.17%  | 0.456% |
| 55 | 10.139 | 1332 | 1335 | 1337 | rVV3 | 50657  | 51517  | 2.35%  | 0.257% |
| 56 | 10.169 | 1337 | 1340 | 1341 | rVV  | 83992  | 75021  | 3.42%  | 0.374% |
| 57 | 10.186 | 1341 | 1343 | 1346 | rVV  | 135993 | 145268 | 6.62%  | 0.724% |
| 58 | 10.292 | 1359 | 1361 | 1366 | rVV5 | 29090  | 44757  | 2.04%  | 0.223% |
| 59 | 10.351 | 1366 | 1371 | 1374 | rVV  | 402156 | 342835 | 15.62% | 1.709% |
| 60 | 10.569 | 1403 | 1408 | 1411 | rBV  | 107964 | 137844 | 6.28%  | 0.687% |
| 61 | 10.604 | 1411 | 1414 | 1416 | rVV2 | 99478  | 101362 | 4.62%  | 0.505% |
| 62 | 10.657 | 1420 | 1423 | 1426 | rVV4 | 54899  | 70175  | 3.20%  | 0.350% |
| 63 | 10.686 | 1426 | 1428 | 1431 | rVV3 | 81690  | 76948  | 3.51%  | 0.384% |
| 64 | 10.722 | 1431 | 1434 | 1437 | rVB  | 78706  | 64421  | 2.93%  | 0.321% |
| 65 | 10.827 | 1449 | 1452 | 1456 | rBV  | 293972 | 338590 | 15.43% | 1.688% |
| 66 | 11.074 | 1491 | 1494 | 1499 | rVV2 | 216178 | 254286 | 11.58% | 1.268% |
| 67 | 11.274 | 1525 | 1528 | 1530 | rBV  | 246535 | 183698 | 8.37%  | 0.916% |
| 68 | 11.304 | 1530 | 1533 | 1535 | rVB  | 82459  | 68103  | 3.10%  | 0.340% |
| 69 | 11.421 | 1550 | 1553 | 1556 | rBV  | 666108 | 554302 | 25.25% | 2.764% |
| 70 | 11.704 | 1598 | 1601 | 1604 | rBV  | 169111 | 151294 | 6.89%  | 0.754% |
| 71 | 11.804 | 1615 | 1618 | 1621 | rVB  | 118358 | 90340  | 4.12%  | 0.450% |
| 72 | 11.939 | 1638 | 1641 | 1643 | rBV2 | 43038  | 45214  | 2.06%  | 0.225% |
| 73 | 12.110 | 1664 | 1670 | 1672 | rBV  | 162577 | 151803 | 6.92%  | 0.757% |
| 74 | 12.245 | 1690 | 1693 | 1696 | rBV  | 117208 | 92762  | 4.23%  | 0.463% |
| 75 | 12.357 | 1706 | 1712 | 1713 | rBV5 | 34614  | 47305  | 2.16%  | 0.236% |
| 76 | 12.492 | 1732 | 1735 | 1737 | rVV2 | 458538 | 488821 | 22.27% | 2.437% |

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Instrument :  
 BNA\_F  
 ClientSampleId :  
 VNJ-235

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:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF021622.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|     |        |      |      |      |      |         |         |         |         |
|-----|--------|------|------|------|------|---------|---------|---------|---------|
| 77  | 12.510 | 1737 | 1738 | 1745 | rVB3 | 372894  | 325736  | 14.84%  | 1.624%  |
| 78  | 12.598 | 1750 | 1753 | 1757 | rVB  | 60168   | 51366   | 2.34%   | 0.256%  |
| 79  | 12.651 | 1757 | 1762 | 1766 | rBV4 | 42343   | 70132   | 3.20%   | 0.350%  |
| 80  | 12.868 | 1797 | 1799 | 1805 | rBV2 | 71426   | 130654  | 5.95%   | 0.651%  |
| 81  | 13.004 | 1817 | 1822 | 1826 | rBV  | 120043  | 147238  | 6.71%   | 0.734%  |
| 82  | 13.116 | 1837 | 1841 | 1844 | rVB  | 218246  | 174913  | 7.97%   | 0.872%  |
| 83  | 13.227 | 1858 | 1860 | 1863 | rVB  | 55448   | 45743   | 2.08%   | 0.228%  |
| 84  | 13.386 | 1882 | 1887 | 1892 | rBV  | 2362113 | 2195000 | 100.00% | 10.944% |
| 85  | 13.510 | 1904 | 1908 | 1911 | rVB2 | 48522   | 51178   | 2.33%   | 0.255%  |
| 86  | 13.639 | 1927 | 1930 | 1934 | rBV  | 284039  | 324999  | 14.81%  | 1.620%  |
| 87  | 13.868 | 1966 | 1969 | 1973 | rVV  | 100018  | 87829   | 4.00%   | 0.438%  |
| 88  | 14.027 | 1992 | 1996 | 2000 | rBV  | 618235  | 691157  | 31.49%  | 3.446%  |
| 89  | 14.068 | 2000 | 2003 | 2010 | rVB  | 620720  | 578837  | 26.37%  | 2.886%  |
| 90  | 14.151 | 2015 | 2017 | 2024 | rVB4 | 41864   | 52512   | 2.39%   | 0.262%  |
| 91  | 14.286 | 2037 | 2040 | 2042 | rBV  | 52747   | 47436   | 2.16%   | 0.237%  |
| 92  | 14.368 | 2051 | 2054 | 2063 | rVB5 | 65043   | 125122  | 5.70%   | 0.624%  |
| 93  | 14.521 | 2077 | 2080 | 2081 | rBV  | 79218   | 77087   | 3.51%   | 0.384%  |
| 94  | 14.539 | 2081 | 2083 | 2094 | rVB3 | 106741  | 168148  | 7.66%   | 0.838%  |
| 95  | 15.451 | 2235 | 2238 | 2243 | rVB  | 111116  | 125469  | 5.72%   | 0.626%  |
| 96  | 15.562 | 2253 | 2257 | 2264 | rVB  | 366528  | 472625  | 21.53%  | 2.356%  |
| 97  | 16.309 | 2379 | 2384 | 2391 | rVB  | 140754  | 235146  | 10.71%  | 1.172%  |
| 98  | 16.621 | 2430 | 2437 | 2448 | rBV  | 401434  | 773798  | 35.25%  | 3.858%  |
| 99  | 16.733 | 2453 | 2456 | 2465 | rVB4 | 60826   | 121414  | 5.53%   | 0.605%  |
| 100 | 17.333 | 2553 | 2558 | 2563 | rBV4 | 68067   | 123267  | 5.62%   | 0.615%  |

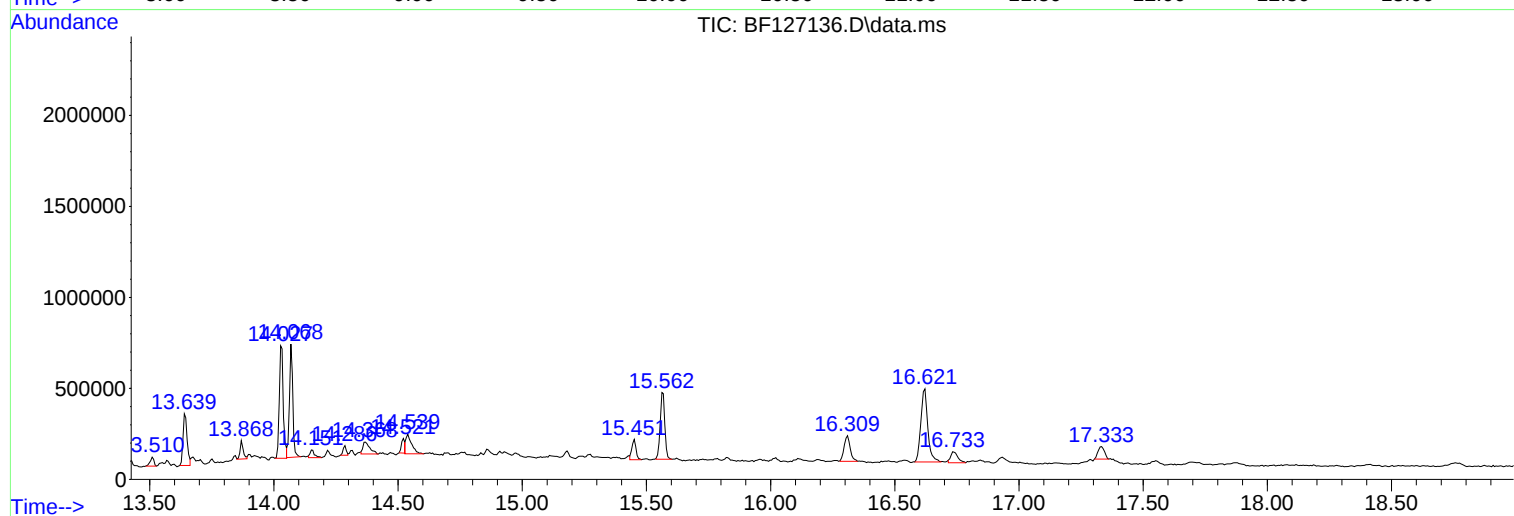
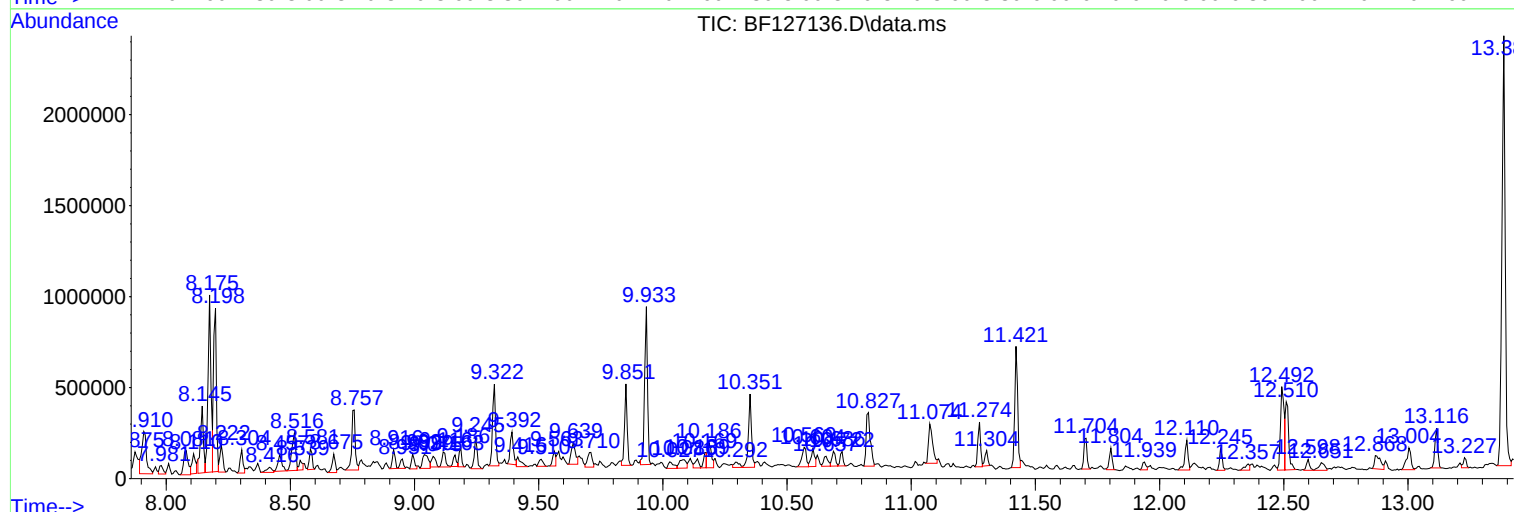
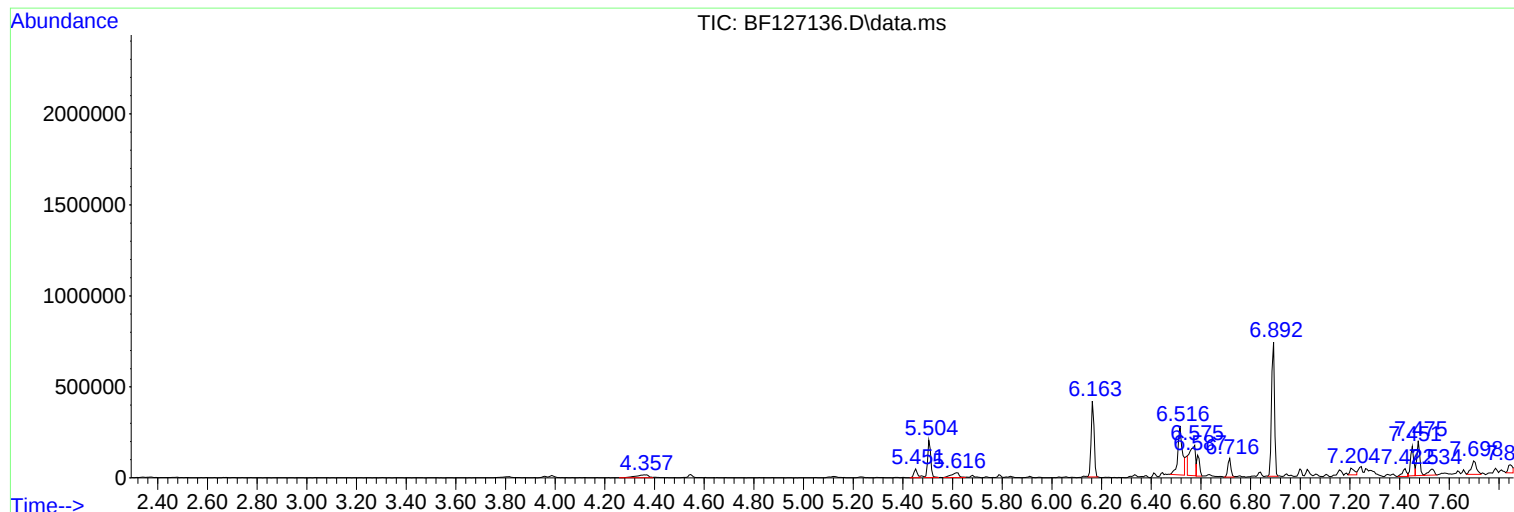
Sum of corrected areas: 20056486

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Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
VNJ-235

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF021622.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P



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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF021622.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

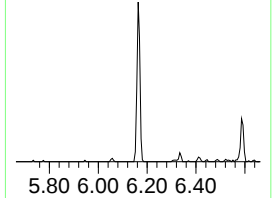
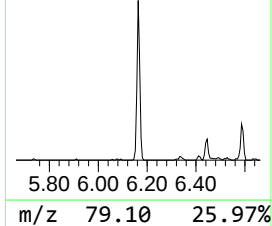
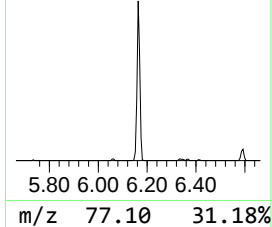
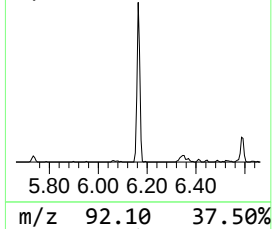
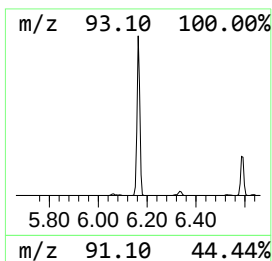
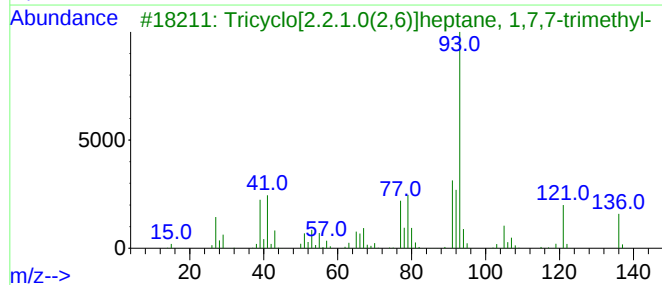
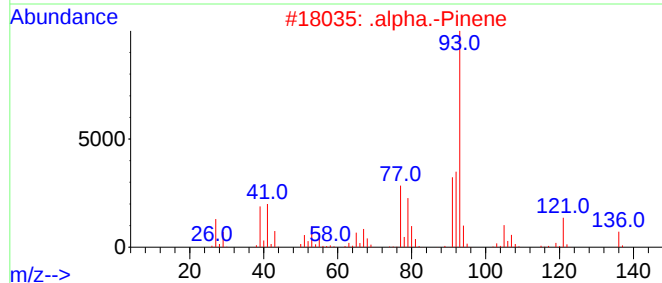
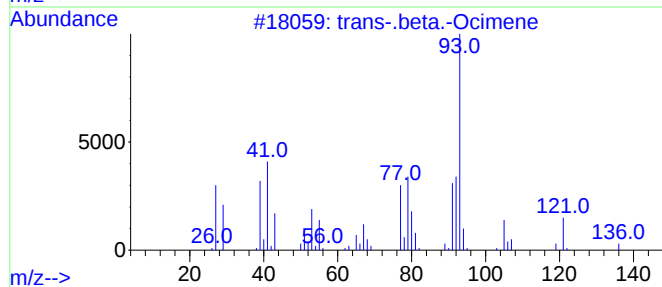
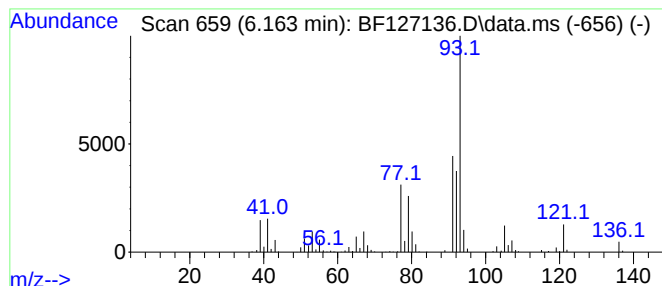
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 trans-.beta.-Ocimene Concentration Rank 6

| R.T.  | EstConc  | Area   | Relative to ISTD       | R.T.  |
|-------|----------|--------|------------------------|-------|
| 6.163 | 11.27 ng | 336405 | 1,4-Dichlorobenzene-d4 | 6.892 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | trans-.beta.-Ocimene                | 136 | C10H16  | 003779-61-1 | 94   |
| 2    |    |   | .alpha.-Pinene                      | 136 | C10H16  | 000080-56-8 | 94   |
| 3    |    |   | Tricyclo[2.2.1.0(2,6)]heptane, 1... | 136 | C10H16  | 000508-32-7 | 91   |
| 4    |    |   | .gamma.-Terpinene                   | 136 | C10H16  | 000099-85-4 | 91   |
| 5    |    |   | (1R)-2,6,6-Trimethylbicyclo[3.1.... | 136 | C10H16  | 007785-70-8 | 91   |



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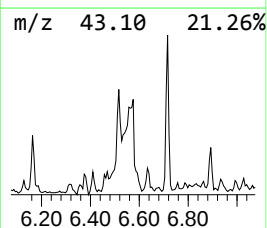
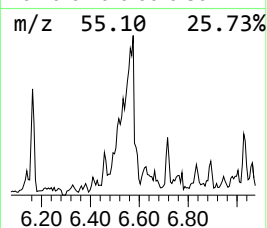
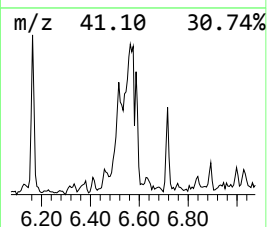
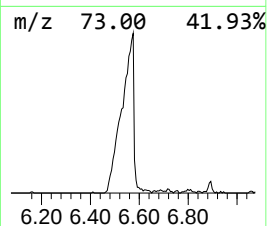
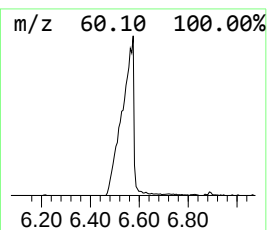
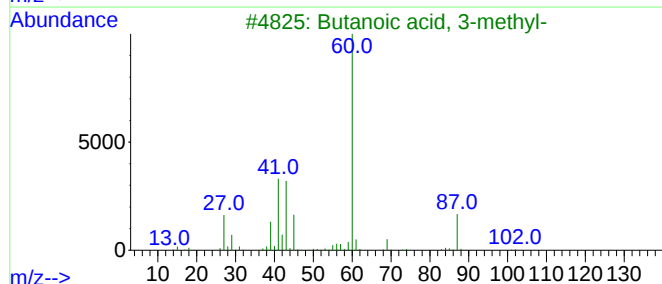
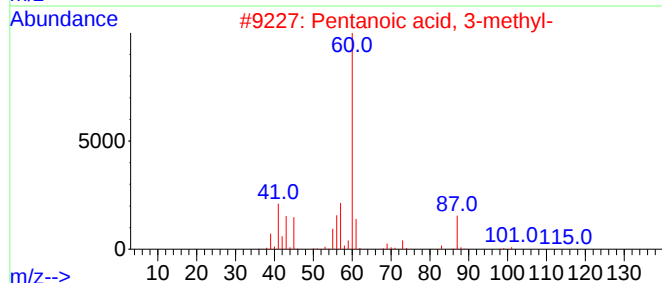
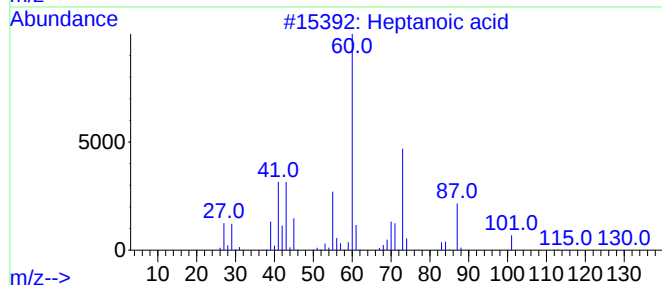
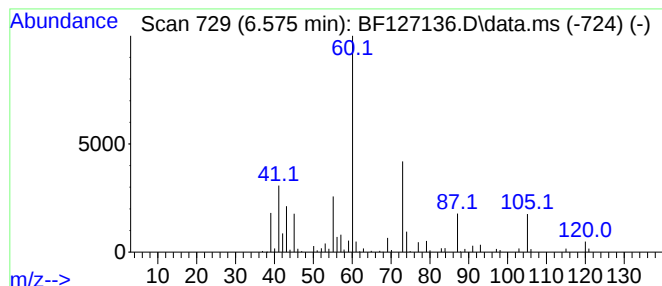
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 2 Heptanoic acid Concentration Rank 12

| R.T.  | EstConc | Area   | Relative to ISTD       | R.T.  |
|-------|---------|--------|------------------------|-------|
| 6.575 | 9.22 ng | 275275 | 1,4-Dichlorobenzene-d4 | 6.892 |

| Hit# | of | 5 | Tentative ID              | MW  | MolForm | CAS#        | Qual |
|------|----|---|---------------------------|-----|---------|-------------|------|
| 1    |    |   | Heptanoic acid            | 130 | C7H14O2 | 000111-14-8 | 72   |
| 2    |    |   | Pentanoic acid, 3-methyl- | 116 | C6H12O2 | 000105-43-1 | 59   |
| 3    |    |   | Butanoic acid, 3-methyl-  | 102 | C5H10O2 | 000503-74-2 | 59   |
| 4    |    |   | Pentanoic acid            | 102 | C5H10O2 | 000109-52-4 | 59   |
| 5    |    |   | Hexanoic acid             | 116 | C6H12O2 | 000142-62-1 | 50   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF030122\  
Data File : BF127136.D  
Acq On : 02 Mar 2022 00:42  
Operator : CG\JU  
Sample : N1713-03 10X  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
VNJ-235

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF021622.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

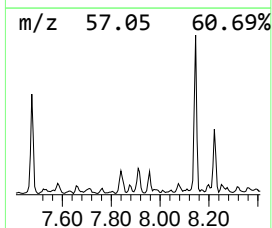
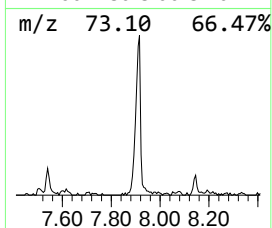
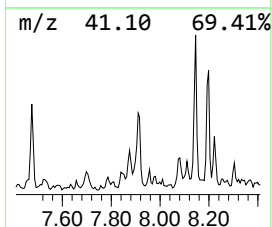
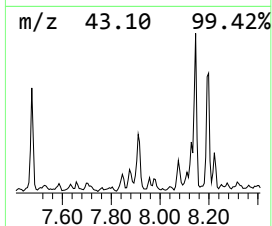
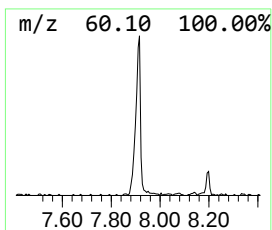
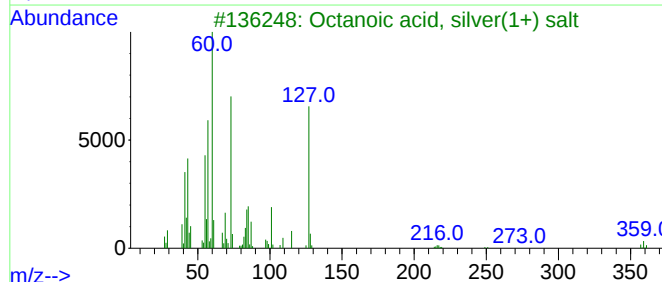
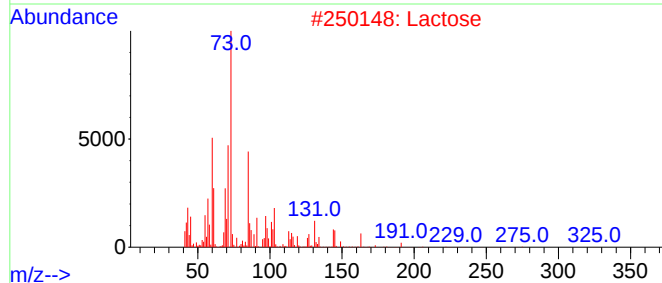
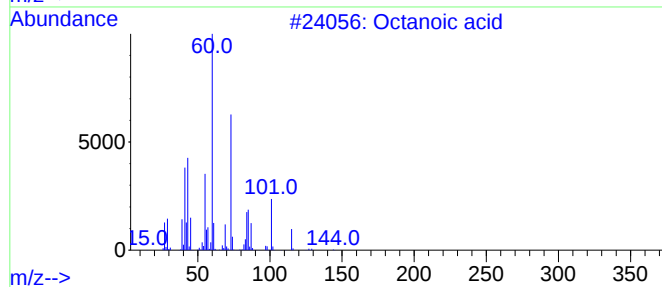
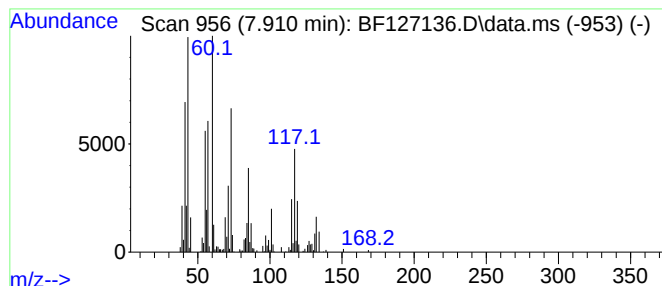
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TIC Integration Parameters: LSCINT.P

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Peak Number 3 unknown7.910 Concentration Rank 15

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 7.910 | 7.50 ng | 307514 | Naphthalene-d8   | 8.175 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|-----------|-------------|------|
| 1    |    |   | Octanoic acid                       | 144 | C8H16O2   | 000124-07-2 | 38   |
| 2    |    |   | Lactose                             | 342 | C12H22O11 | 000063-42-3 | 38   |
| 3    |    |   | Octanoic acid, silver(1+) salt      | 250 | C8H15AgO2 | 024927-67-1 | 35   |
| 4    |    |   | Nonanoic acid                       | 158 | C9H18O2   | 000112-05-0 | 27   |
| 5    |    |   | Dimethyl 3-hydroxy-3-methylpenta... | 190 | C8H14O5   | 056652-39-2 | 22   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF030122\  
Data File : BF127136.D  
Acq On : 02 Mar 2022 00:42  
Operator : CG\JU  
Sample : N1713-03 10X  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
VNJ-235

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF021622.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

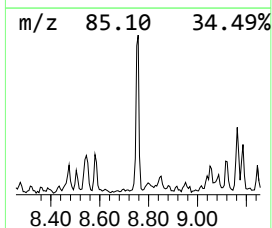
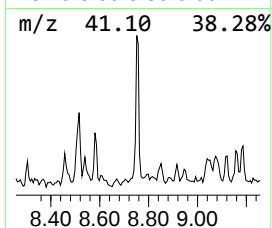
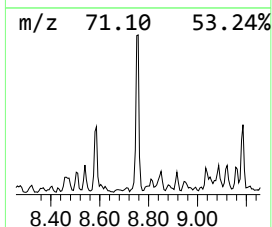
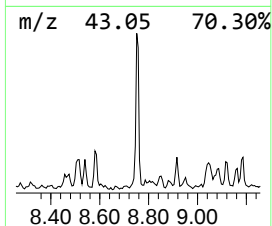
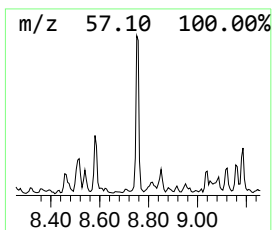
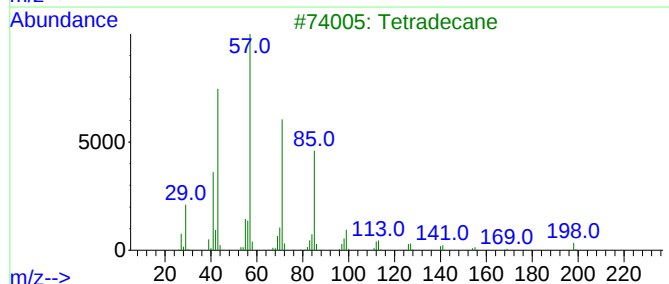
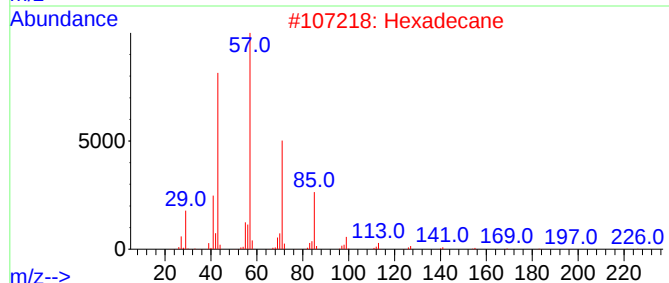
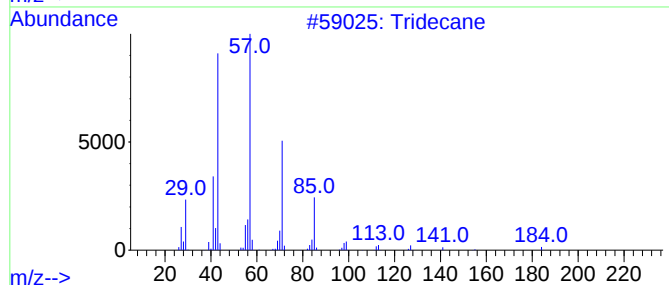
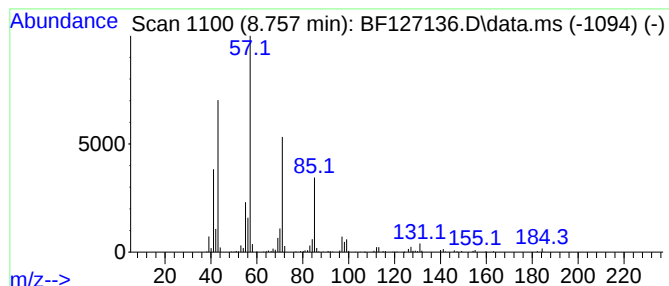
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TIC Integration Parameters: LSCINT.P

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Peak Number 4 Tridecane Concentration Rank 14

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 8.757 | 8.02 ng | 329191 | Naphthalene-d8   | 8.175 |

| Hit# | of | 5 | Tentative ID            | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------|-----|---------|-------------|------|
| 1    |    |   | Tridecane               | 184 | C13H28  | 000629-50-5 | 93   |
| 2    |    |   | Hexadecane              | 226 | C16H34  | 000544-76-3 | 86   |
| 3    |    |   | Tetradecane             | 198 | C14H30  | 000629-59-4 | 86   |
| 4    |    |   | Nonadecane              | 268 | C19H40  | 000629-92-5 | 78   |
| 5    |    |   | Undecane, 2,3-dimethyl- | 184 | C13H28  | 017312-77-5 | 72   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF030122\  
Data File : BF127136.D  
Acq On : 02 Mar 2022 00:42  
Operator : CG\JU  
Sample : N1713-03 10X  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
VNJ-235

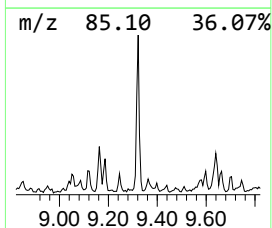
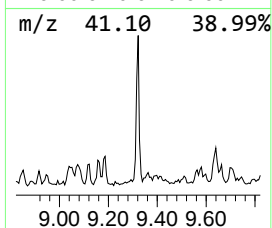
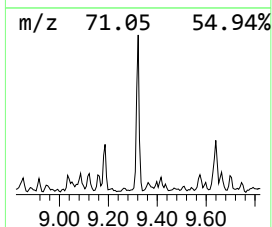
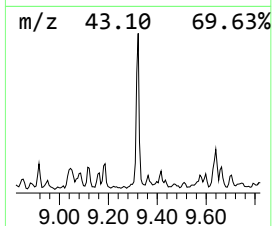
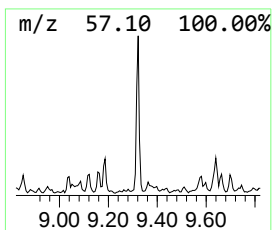
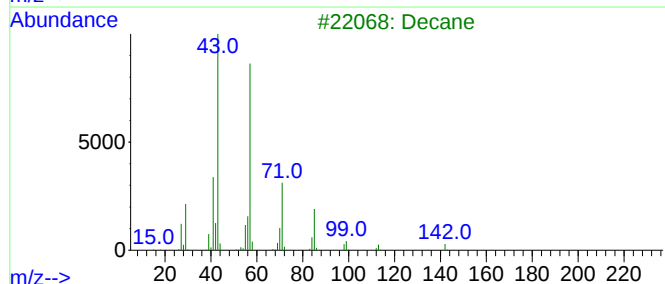
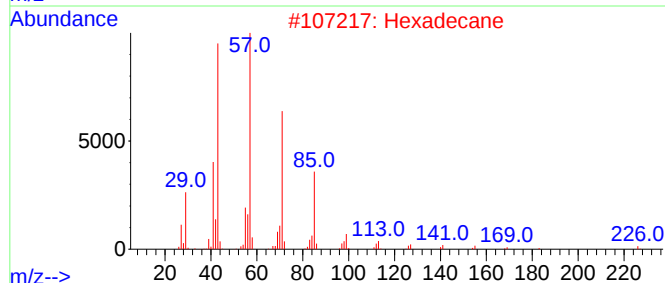
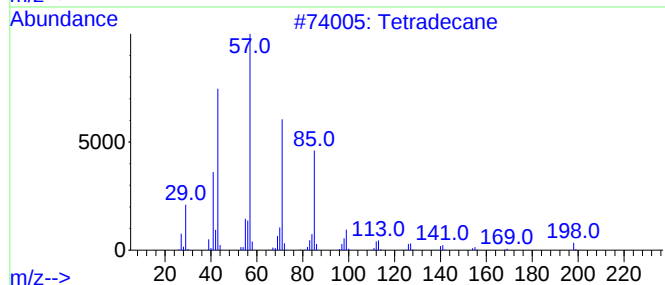
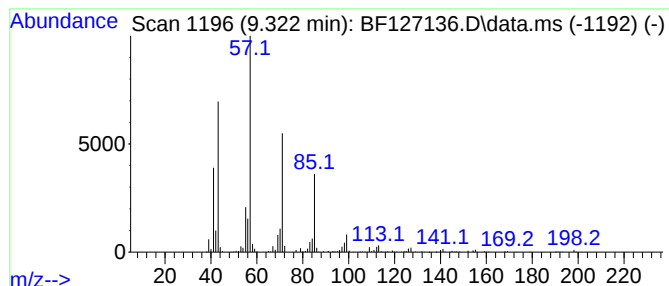
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 5 Tetradecane Concentration Rank 8

| R.T.  | EstConc  | Area   | Relative to ISTD | R.T.  |
|-------|----------|--------|------------------|-------|
| 9.322 | 11.18 ng | 372855 | Acenaphthene-d10 | 9.933 |

| Hit# | of | 5 | Tentative ID                 | MW  | MolForm | CAS#        | Qual |
|------|----|---|------------------------------|-----|---------|-------------|------|
| 1    |    |   | Tetradecane                  | 198 | C14H30  | 000629-59-4 | 95   |
| 2    |    |   | Hexadecane                   | 226 | C16H34  | 000544-76-3 | 91   |
| 3    |    |   | Decane                       | 142 | C10H22  | 000124-18-5 | 83   |
| 4    |    |   | Tridecane, 6-methyl-         | 198 | C14H30  | 013287-21-3 | 83   |
| 5    |    |   | Dodecane, 2-methyl-6-propyl- | 226 | C16H34  | 055045-08-4 | 72   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF030122\  
Data File : BF127136.D  
Acq On : 02 Mar 2022 00:42  
Operator : CG\JU  
Sample : N1713-03 10X  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
VNJ-235

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF021622.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

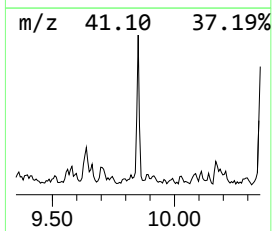
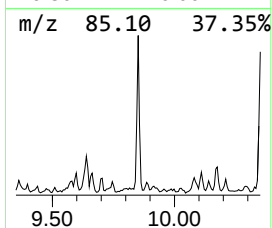
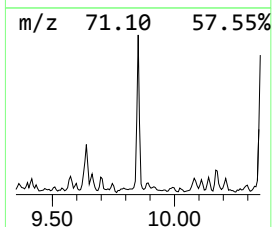
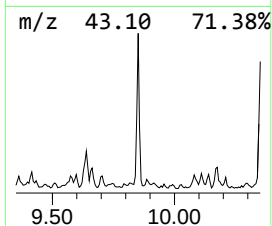
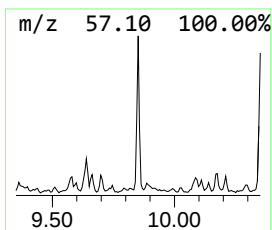
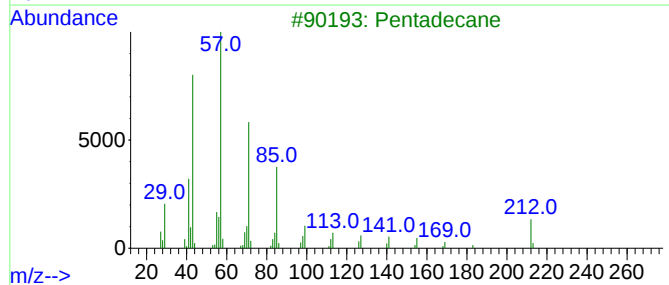
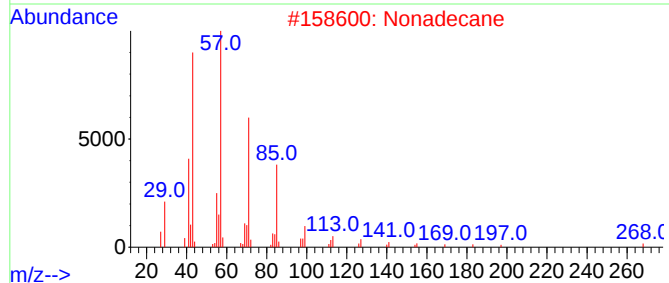
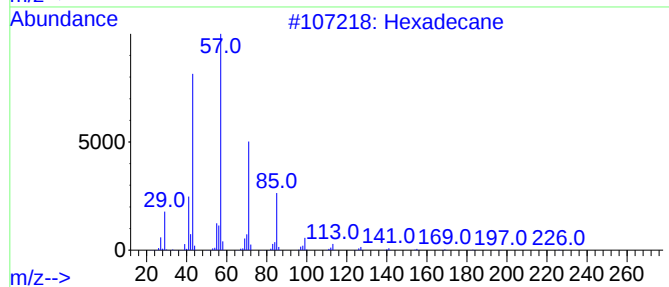
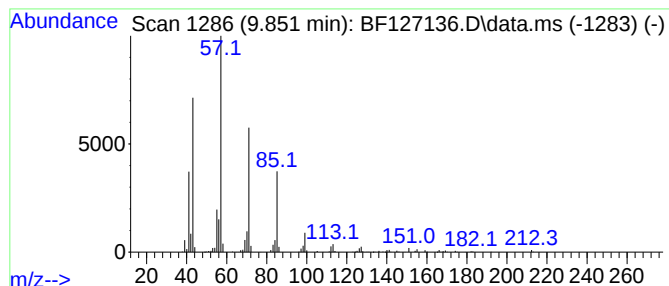
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 6 Hexadecane Concentration Rank 11

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 9.851 | 9.70 ng | 323483 | Acenaphthene-d10 | 9.933 |

| Hit# | of | 5 | Tentative ID              | MW  | MolForm  | CAS#        | Qual |
|------|----|---|---------------------------|-----|----------|-------------|------|
| 1    |    |   | Hexadecane                | 226 | C16H34   | 000544-76-3 | 90   |
| 2    |    |   | Nonadecane                | 268 | C19H40   | 000629-92-5 | 90   |
| 3    |    |   | Pentadecane               | 212 | C15H32   | 000629-62-9 | 87   |
| 4    |    |   | Tridecane                 | 184 | C13H28   | 000629-50-5 | 83   |
| 5    |    |   | Decane, 1-bromo-2-methyl- | 234 | C11H23Br | 127839-47-8 | 72   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF030122\  
Data File : BF127136.D  
Acq On : 02 Mar 2022 00:42  
Operator : CG\JU  
Sample : N1713-03 10X  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
VNJ-235

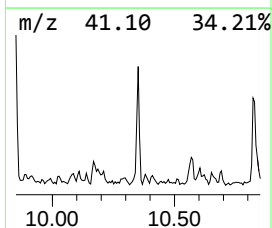
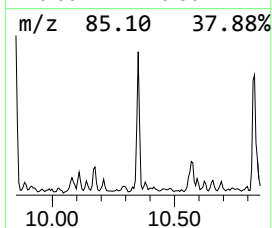
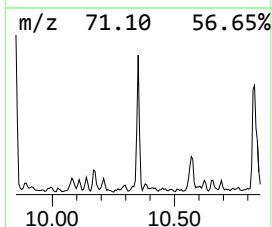
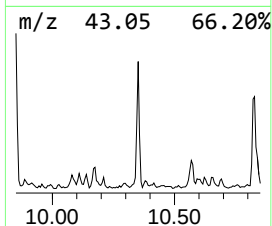
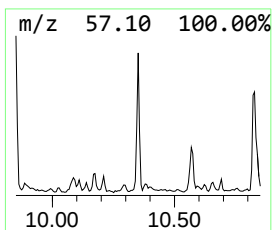
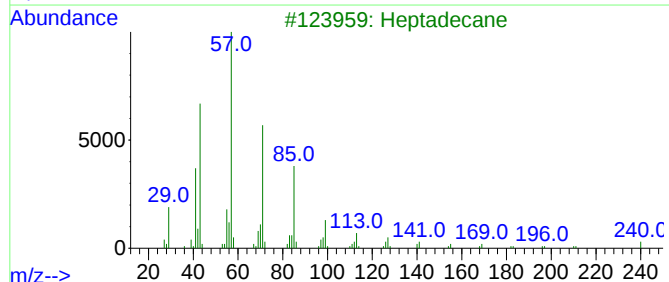
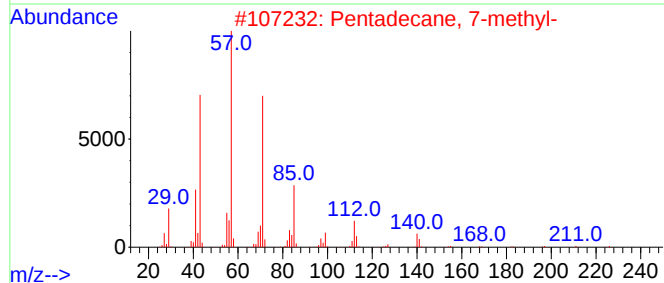
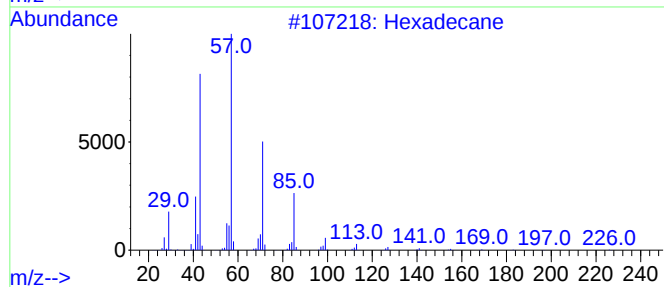
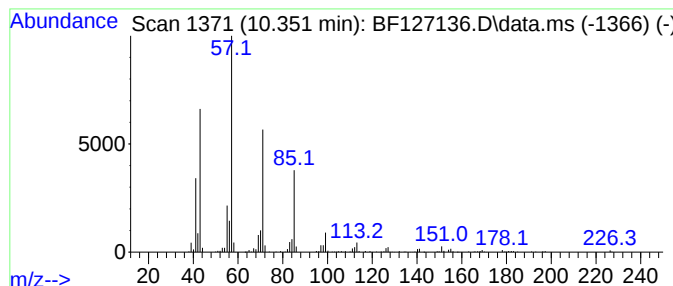
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 7 Pentadecane, 7-methyl- Concentration Rank 9

| R.T.   | EstConc  | Area   | Relative to ISTD | R.T.  |
|--------|----------|--------|------------------|-------|
| 10.351 | 10.28 ng | 342835 | Acenaphthene-d10 | 9.933 |

| Hit# | of | 5 | Tentative ID                 | MW  | MolForm | CAS#        | Qual |
|------|----|---|------------------------------|-----|---------|-------------|------|
| 1    |    |   | Hexadecane                   | 226 | C16H34  | 000544-76-3 | 97   |
| 2    |    |   | Pentadecane, 7-methyl-       | 226 | C16H34  | 006165-40-8 | 91   |
| 3    |    |   | Heptadecane                  | 240 | C17H36  | 000629-78-7 | 90   |
| 4    |    |   | Tridecane                    | 184 | C13H28  | 000629-50-5 | 90   |
| 5    |    |   | Dodecane, 2-methyl-6-propyl- | 226 | C16H34  | 055045-08-4 | 80   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF030122\  
Data File : BF127136.D  
Acq On : 02 Mar 2022 00:42  
Operator : CG\JU  
Sample : N1713-03 10X  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
VNJ-235

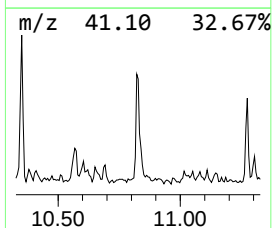
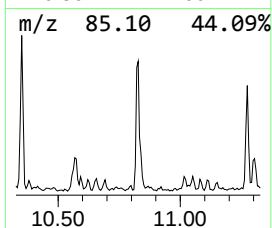
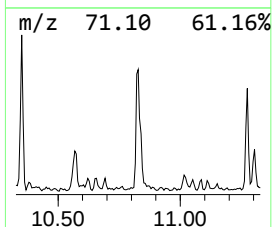
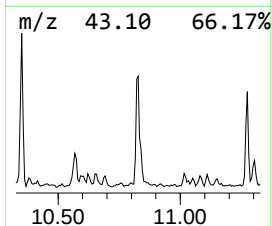
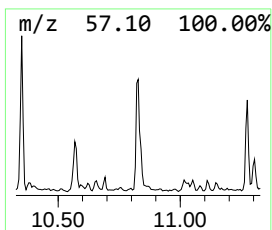
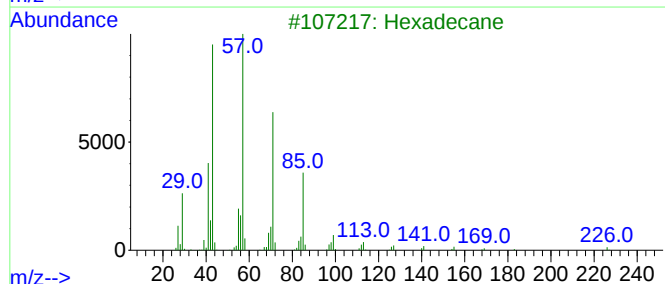
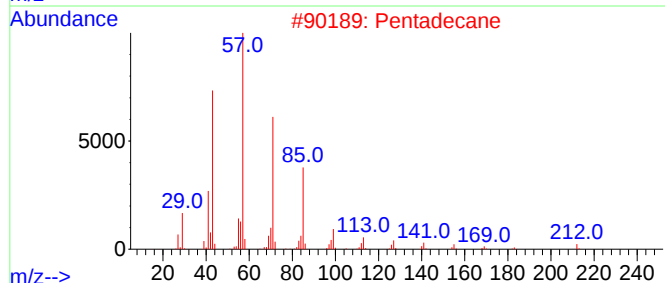
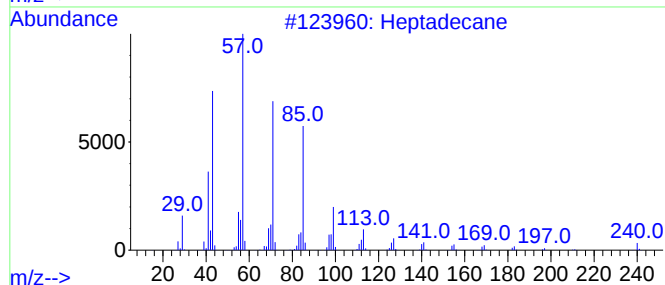
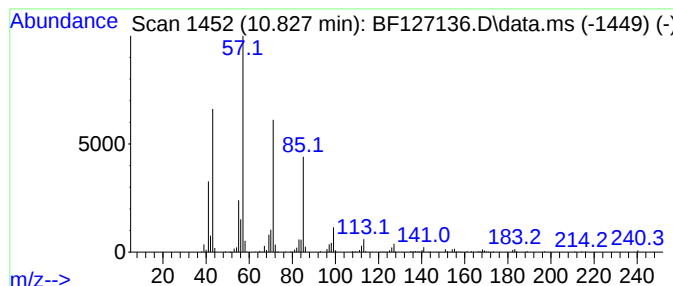
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 8 Heptadecane Concentration Rank 4

| R.T.   | EstConc  | Area   | Relative to ISTD | R.T.   |
|--------|----------|--------|------------------|--------|
| 10.827 | 12.22 ng | 338590 | Phenanthrene-d10 | 11.422 |

| Hit# | of | 5 | Tentative ID       | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------------|-----|---------|-------------|------|
| 1    |    |   | Heptadecane        | 240 | C17H36  | 000629-78-7 | 97   |
| 2    |    |   | Pentadecane        | 212 | C15H32  | 000629-62-9 | 90   |
| 3    |    |   | Hexadecane         | 226 | C16H34  | 000544-76-3 | 90   |
| 4    |    |   | Octacosane         | 394 | C28H58  | 000630-02-4 | 90   |
| 5    |    |   | Tridecane, 1-iodo- | 310 | C13H27I | 035599-77-0 | 90   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF030122\  
Data File : BF127136.D  
Acq On : 02 Mar 2022 00:42  
Operator : CG\JU  
Sample : N1713-03 10X  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
VNJ-235

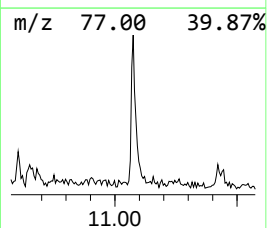
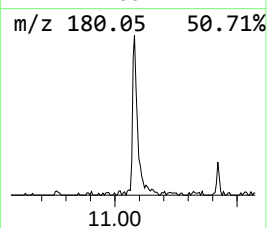
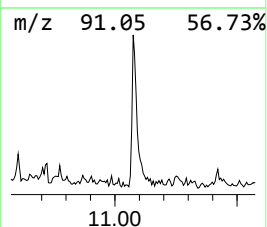
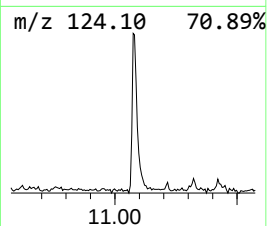
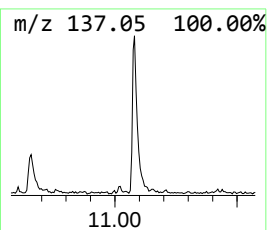
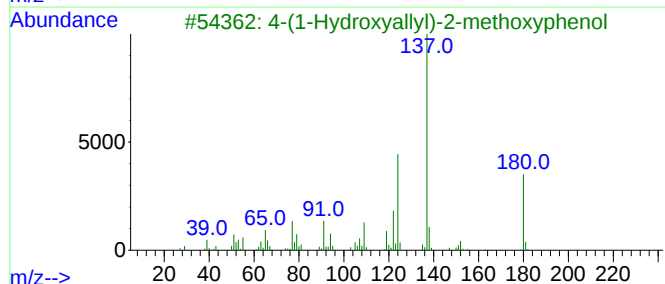
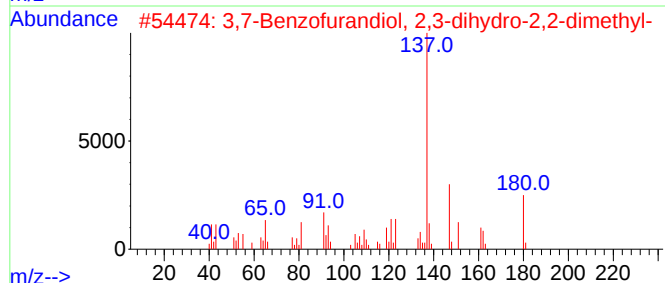
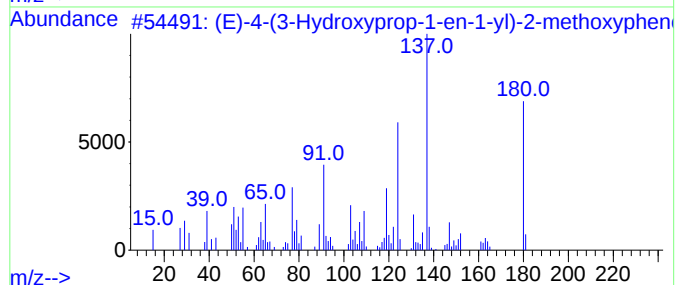
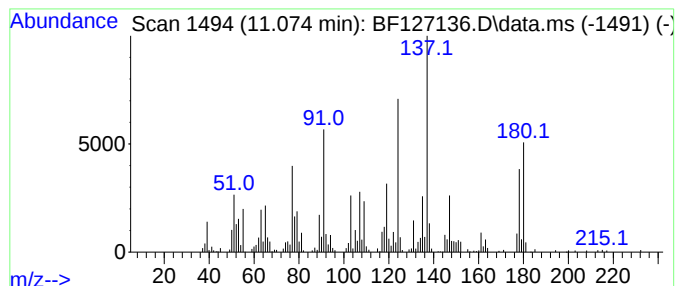
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 9 (E)-4-(3-Hydroxyprop-1-en-1-yl) Concentration Rank 13

| R.T.      | EstConc                             | Area   | Relative to ISTD | R.T.        |      |
|-----------|-------------------------------------|--------|------------------|-------------|------|
| 11.075    | 9.18 ng                             | 254286 | Phenanthrene-d10 | 11.422      |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm          | CAS#        | Qual |
| 1         | (E)-4-(3-Hydroxyprop-1-en-1-yl)-... | 180    | C10H12O3         | 032811-40-8 | 97   |
| 2         | 3,7-Benzofurandiol, 2,3-dihydro-... | 180    | C10H12O3         | 017781-15-6 | 50   |
| 3         | 4-(1-Hydroxyallyl)-2-methoxyphenol  | 180    | C10H12O3         | 112465-50-6 | 46   |
| 4         | 1-(Prop-2-ynyloxy)-3,4-methylene... | 178    | C10H10O3         | 019202-22-3 | 41   |
| 5         | Benzene, 1-methyl-4-nitro-          | 137    | C7H7NO2          | 000099-99-0 | 35   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF030122\  
Data File : BF127136.D  
Acq On : 02 Mar 2022 00:42  
Operator : CG\JU  
Sample : N1713-03 10X  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
VNJ-235

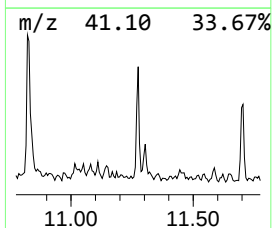
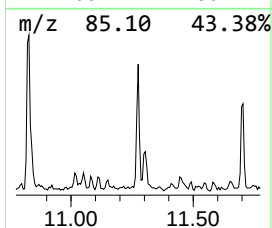
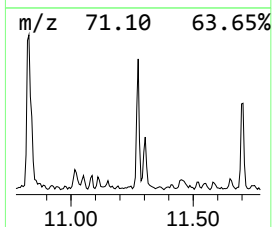
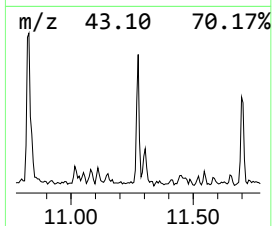
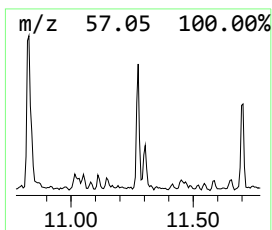
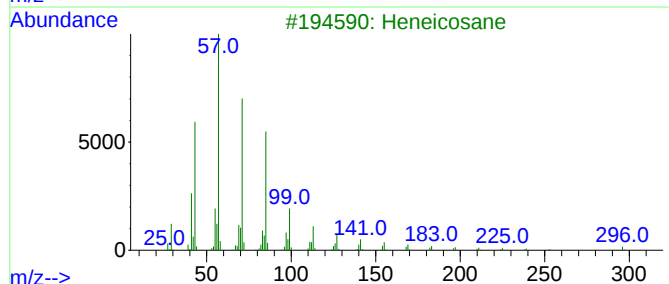
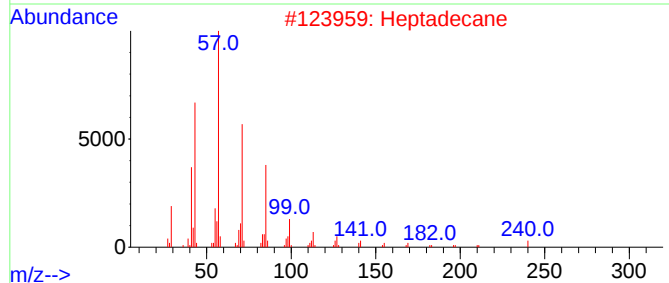
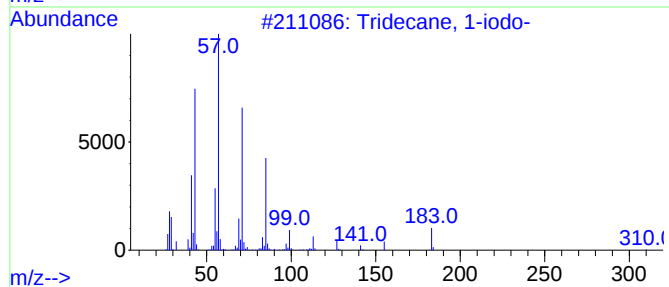
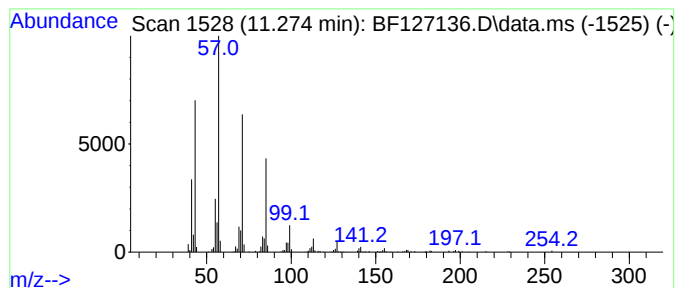
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 10 Tridecane, 1-iodo- Concentration Rank 16

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 11.274 | 6.63 ng | 183698 | Phenanthrene-d10 | 11.422 |

| Hit# | of | 5 | Tentative ID        | MW  | MolForm | CAS#        | Qual |
|------|----|---|---------------------|-----|---------|-------------|------|
| 1    |    |   | Tridecane, 1-iodo-  | 310 | C13H27I | 035599-77-0 | 91   |
| 2    |    |   | Heptadecane         | 240 | C17H36  | 000629-78-7 | 91   |
| 3    |    |   | Heneicosane         | 296 | C21H44  | 000629-94-7 | 90   |
| 4    |    |   | Tetracosane         | 338 | C24H50  | 000646-31-1 | 90   |
| 5    |    |   | Hexadecane, 1-iodo- | 352 | C16H33I | 000544-77-4 | 90   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF030122\  
Data File : BF127136.D  
Acq On : 02 Mar 2022 00:42  
Operator : CG\JU  
Sample : N1713-03 10X  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
VNJ-235

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF021622.M  
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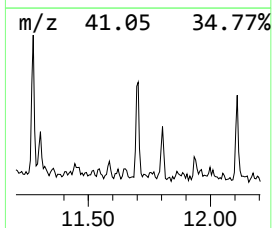
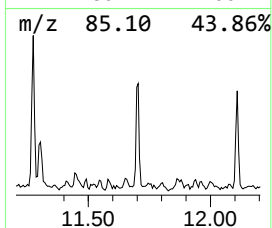
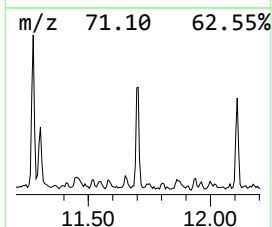
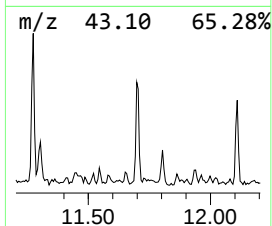
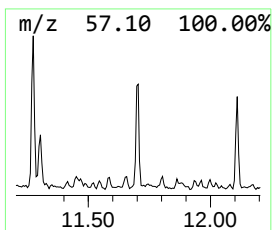
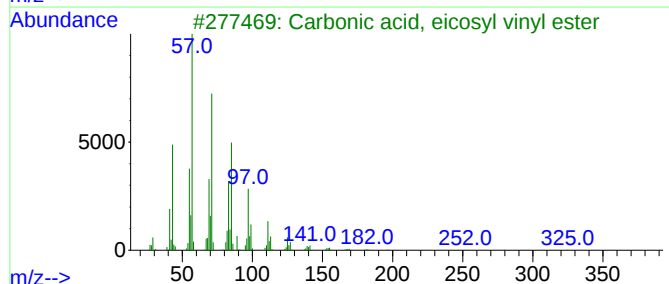
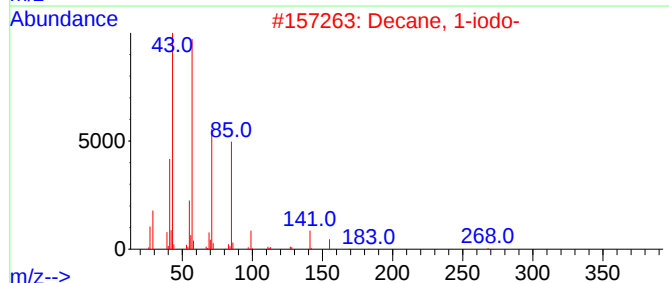
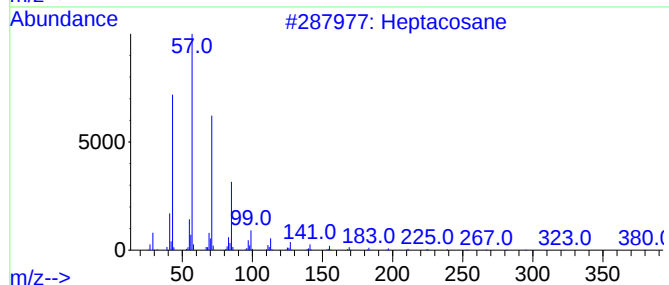
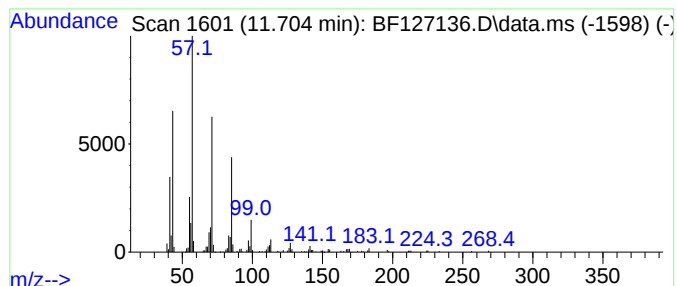
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TIC Integration Parameters: LSCINT.P

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Peak Number 11 Heptacosane Concentration Rank 20

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 11.704 | 5.46 ng | 151294 | Phenanthrene-d10 | 11.422 |

| Hit# | of | 5 | Tentative ID                       | MW  | MolForm  | CAS#         | Qual |
|------|----|---|------------------------------------|-----|----------|--------------|------|
| 1    |    |   | Heptacosane                        | 380 | C27H56   | 000593-49-7  | 91   |
| 2    |    |   | Decane, 1-iodo-                    | 268 | C10H21I  | 002050-77-3  | 87   |
| 3    |    |   | Carbonic acid, eicosyl vinyl ester | 368 | C23H44O3 | 1000382-54-3 | 87   |
| 4    |    |   | Tetradecane, 1-iodo-               | 324 | C14H29I  | 019218-94-1  | 86   |
| 5    |    |   | Tetradecane                        | 198 | C14H30   | 000629-59-4  | 86   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF030122\  
Data File : BF127136.D  
Acq On : 02 Mar 2022 00:42  
Operator : CG\JU  
Sample : N1713-03 10X  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
VNJ-235

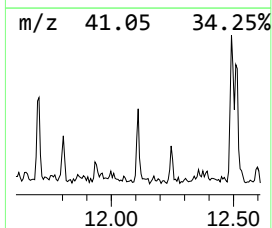
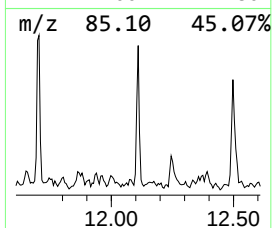
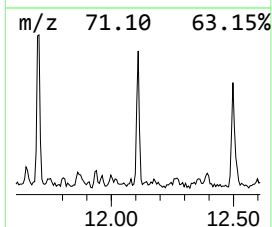
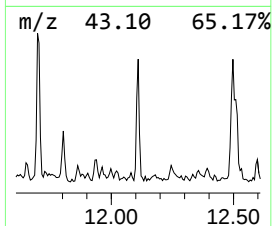
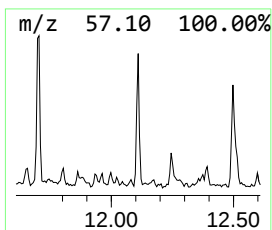
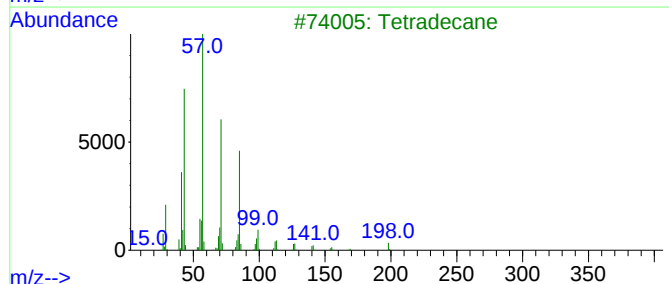
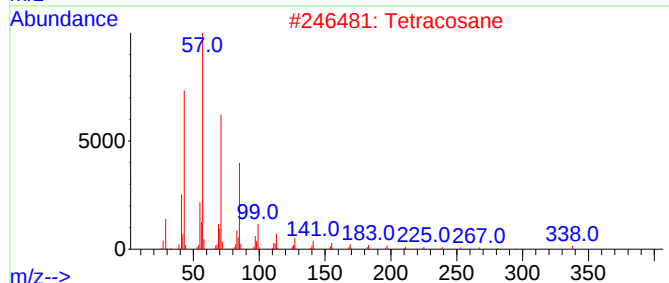
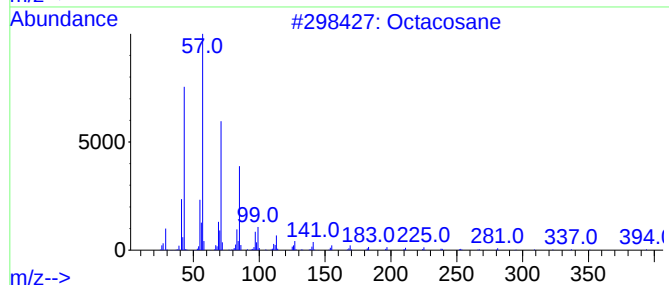
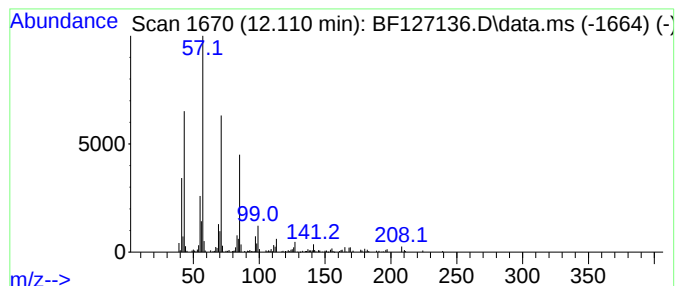
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 12 Octacosane Concentration Rank 19

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 12.110 | 5.48 ng | 151803 | Phenanthrene-d10 | 11.422 |

| Hit# | of | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------|-----|---------|-------------|------|
| 1    |    |   | Octacosane   | 394 | C28H58  | 000630-02-4 | 91   |
| 2    |    |   | Tetracosane  | 338 | C24H50  | 000646-31-1 | 91   |
| 3    |    |   | Tetradecane  | 198 | C14H30  | 000629-59-4 | 90   |
| 4    |    |   | Heptadecane  | 240 | C17H36  | 000629-78-7 | 90   |
| 5    |    |   | Heneicosane  | 296 | C21H44  | 000629-94-7 | 90   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF030122\  
Data File : BF127136.D  
Acq On : 02 Mar 2022 00:42  
Operator : CG\JU  
Sample : N1713-03 10X  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
VNJ-235

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF021622.M  
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TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

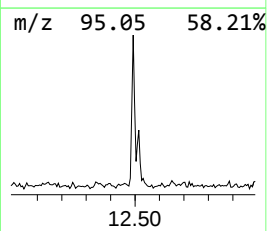
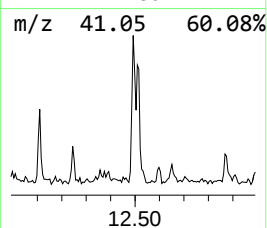
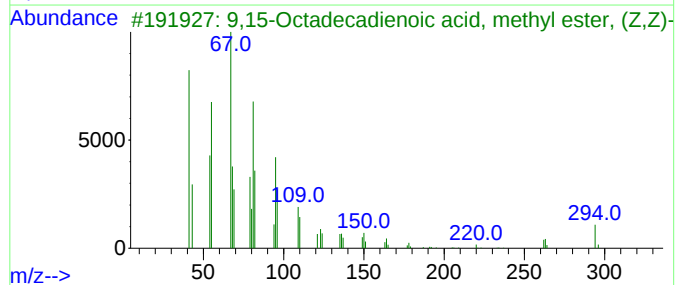
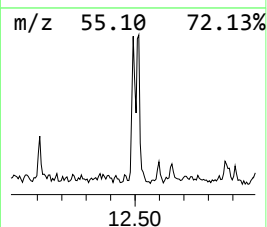
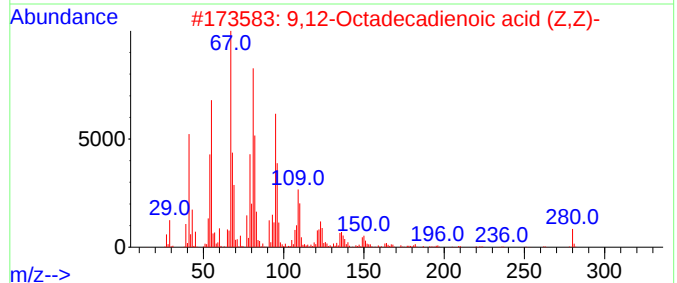
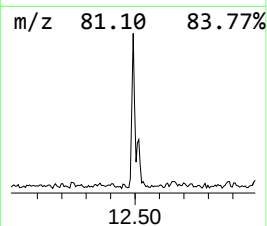
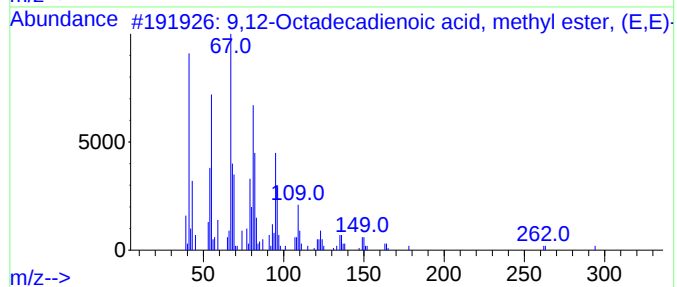
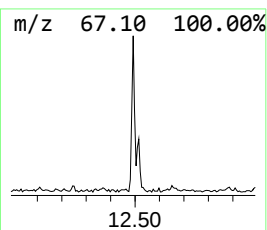
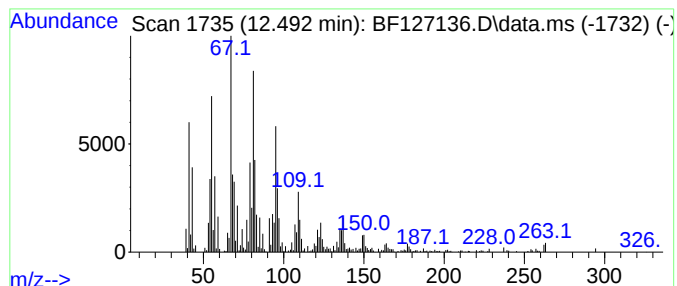
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Peak Number 13 9,12-Octadecadienoic acid, ... Concentration Rank 3

| R.T.   | EstConc  | Area   | Relative to ISTD | R.T.   |
|--------|----------|--------|------------------|--------|
| 12.492 | 17.64 ng | 488821 | Phenanthrene-d10 | 11.422 |

| Hit# | of                                  | 5   | Tentative ID | MW          | MolForm | CAS# | Qual |
|------|-------------------------------------|-----|--------------|-------------|---------|------|------|
| 1    | 9,12-Octadecadienoic acid, methy... | 294 | C19H34O2     | 002566-97-4 | 99      |      |      |
| 2    | 9,12-Octadecadienoic acid (Z,Z)-    | 280 | C18H32O2     | 000060-33-3 | 94      |      |      |
| 3    | 9,15-Octadecadienoic acid, methy... | 294 | C19H34O2     | 017309-05-6 | 93      |      |      |
| 4    | 9,11-Octadecadienoic acid, methy... | 294 | C19H34O2     | 013038-47-6 | 92      |      |      |
| 5    | Linoelaidic acid                    | 280 | C18H32O2     | 000506-21-8 | 90      |      |      |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF030122\  
Data File : BF127136.D  
Acq On : 02 Mar 2022 00:42  
Operator : CG\JU  
Sample : N1713-03 10X  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
VNJ-235

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF021622.M  
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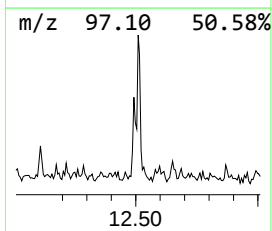
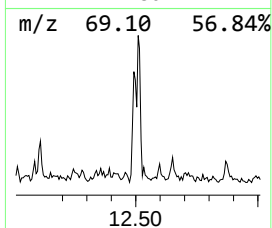
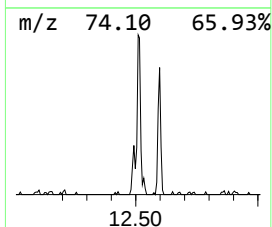
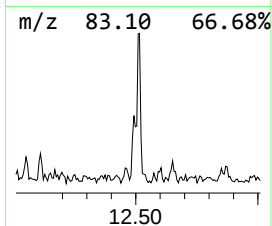
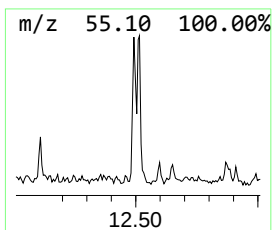
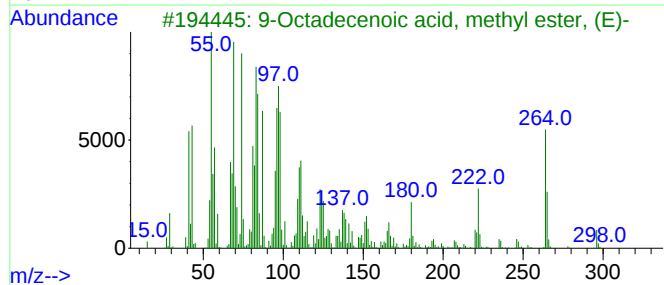
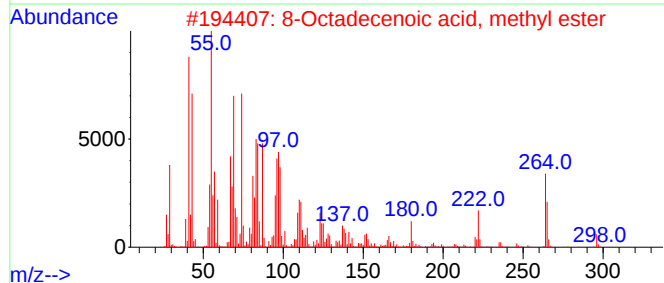
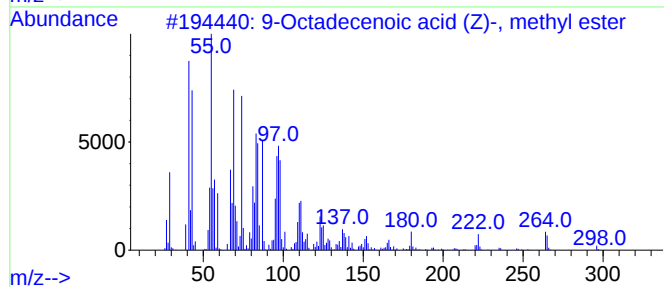
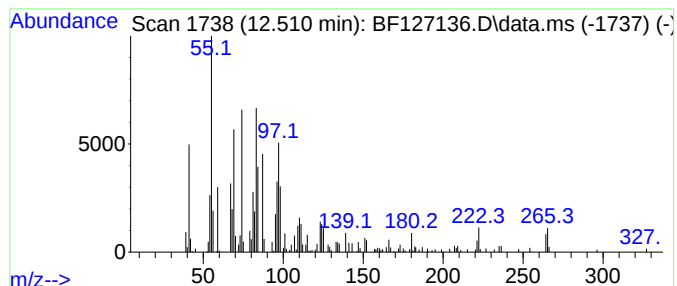
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TIC Integration Parameters: LSCINT.P

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Peak Number 14 9-Octadecenoic acid (Z)-, m... Concentration Rank 5

| R.T.   | EstConc  | Area   | Relative to ISTD | R.T.   |
|--------|----------|--------|------------------|--------|
| 12.510 | 11.75 ng | 325736 | Phenanthrene-d10 | 11.422 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|----------|--------------|------|
| 1    |    |   | 9-Octadecenoic acid (Z)-, methyl... | 296 | C19H36O2 | 000112-62-9  | 96   |
| 2    |    |   | 8-Octadecenoic acid, methyl ester   | 296 | C19H36O2 | 002345-29-1  | 93   |
| 3    |    |   | 9-Octadecenoic acid, methyl este... | 296 | C19H36O2 | 001937-62-8  | 91   |
| 4    |    |   | (Z)-15-Octadecenoic acid methyl ... | 296 | C19H36O2 | 1000427-69-3 | 90   |
| 5    |    |   | 11-Octadecenoic acid, methyl ester  | 296 | C19H36O2 | 052380-33-3  | 90   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF030122\  
Data File : BF127136.D  
Acq On : 02 Mar 2022 00:42  
Operator : CG\JU  
Sample : N1713-03 10X  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
VNJ-235

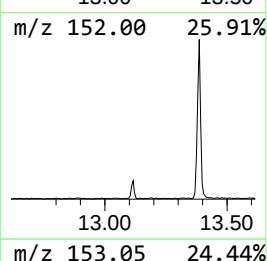
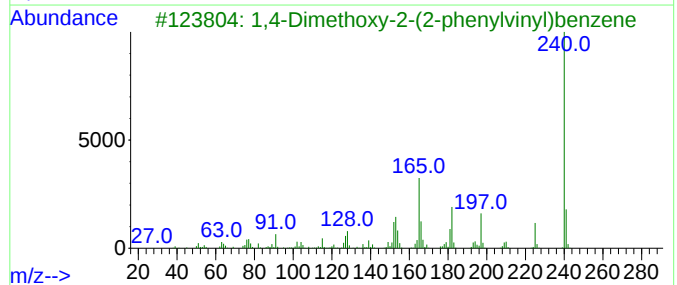
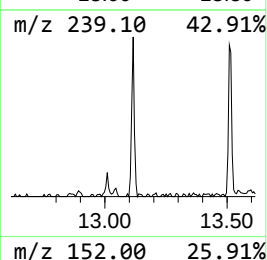
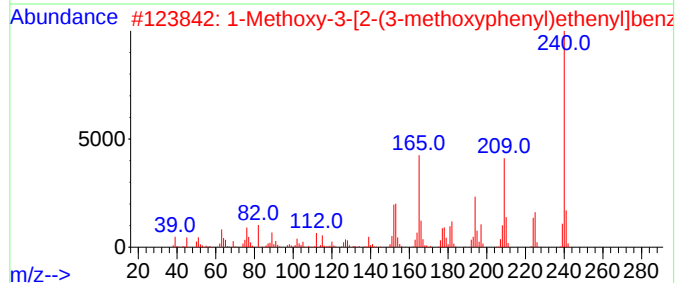
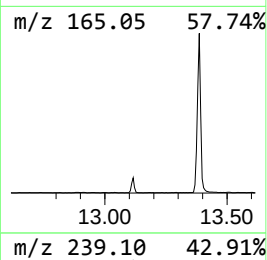
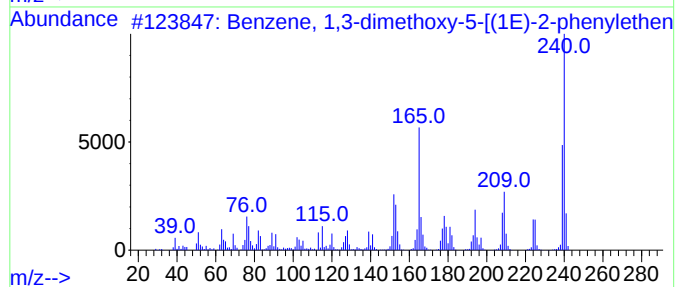
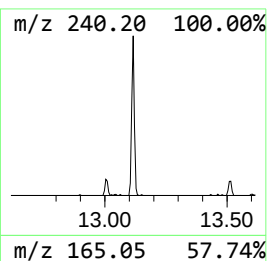
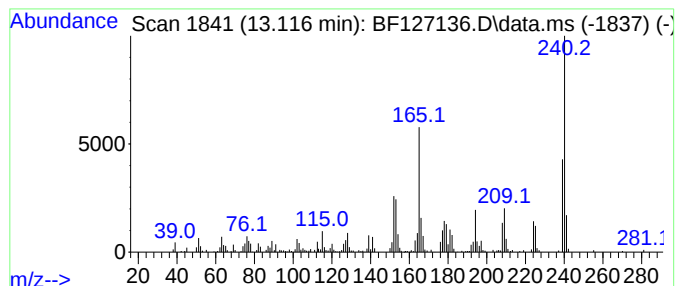
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 15 Benzene, 1,3-dimethoxy-5-[(... Concentration Rank 17

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 13.116 | 6.04 ng | 174913 | Chrysene-d12     | 14.068 |

| Hit# | of | 5 | Tentative ID                         | MW  | MolForm    | CAS#        | Qual |
|------|----|---|--------------------------------------|-----|------------|-------------|------|
| 1    |    |   | Benzene, 1,3-dimethoxy-5-[(1E)-2...  | 240 | C16H16O2   | 021956-56-9 | 99   |
| 2    |    |   | 1-Methoxy-3-[2-(3-methoxyphenyl)...  | 240 | C16H16O2   | 006325-63-9 | 89   |
| 3    |    |   | 1,4-Dimethoxy-2-(2-phenylvinyl)b...  | 240 | C16H16O2   | 021889-09-8 | 60   |
| 4    |    |   | Benzenamine, 4-[2-(4-nitrophenyl)... | 240 | C14H12N2O2 | 004629-58-7 | 45   |
| 5    |    |   | Naphtho[2,1-b:7,8-b']difuran, 1,...  | 240 | C16H16O2   | 068873-21-2 | 45   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF030122\  
Data File : BF127136.D  
Acq On : 02 Mar 2022 00:42  
Operator : CG\JU  
Sample : N1713-03 10X  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
VNJ-235

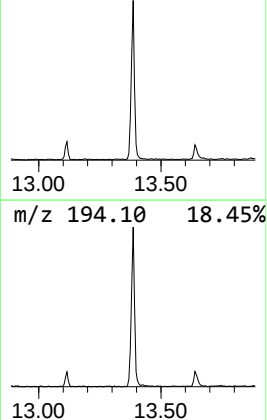
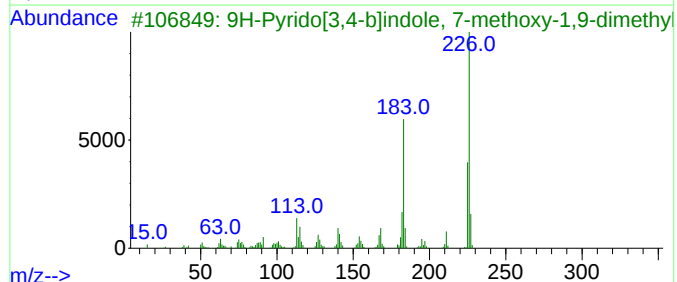
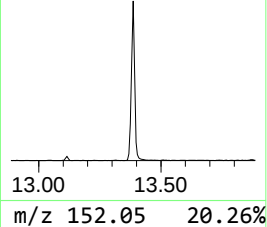
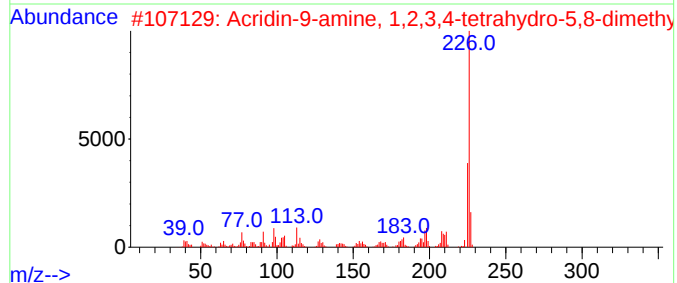
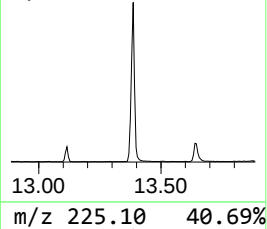
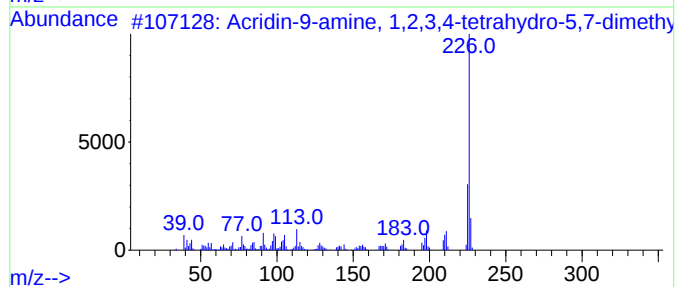
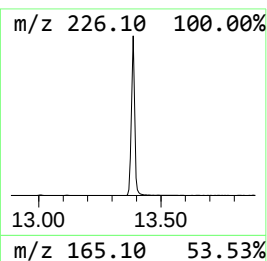
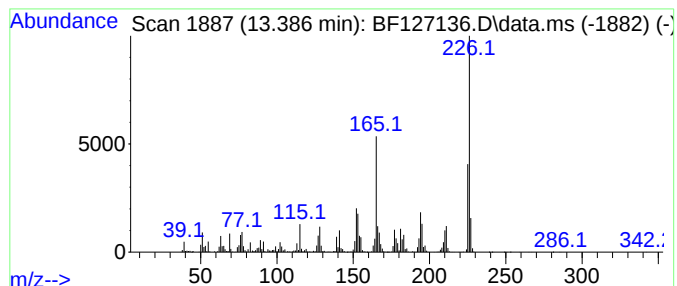
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 16 Acridin-9-amine, 1,2,3,4-te... Concentration Rank 1

| R.T.   | EstConc  | Area    | Relative to ISTD | R.T.   |
|--------|----------|---------|------------------|--------|
| 13.386 | 75.84 ng | 2195000 | Chrysene-d12     | 14.068 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm    | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|------------|--------------|------|
| 1    |    |   | Acridin-9-amine, 1,2,3,4-tetrahy... | 226 | C15H18N2   | 1000300-57-6 | 64   |
| 2    |    |   | Acridin-9-amine, 1,2,3,4-tetrahy... | 226 | C15H18N2   | 297758-19-1  | 64   |
| 3    |    |   | 9H-Pyrido[3,4-b]indole, 7-methox... | 226 | C14H14N2O  | 143502-37-8  | 58   |
| 4    |    |   | Benzenamine, 4,4'-methylenebis[2... | 226 | C15H18N2   | 000838-88-0  | 47   |
| 5    |    |   | Benzenamine, N-[(4-nitrophenyl)m... | 226 | C13H10N2O2 | 000785-80-8  | 46   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF030122\  
Data File : BF127136.D  
Acq On : 02 Mar 2022 00:42  
Operator : CG\JU  
Sample : N1713-03 10X  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
VNJ-235

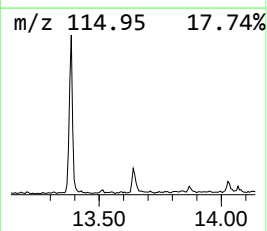
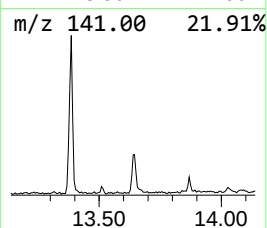
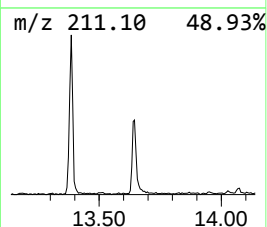
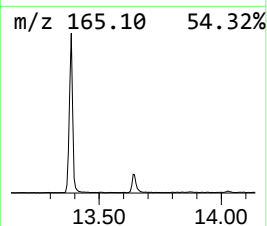
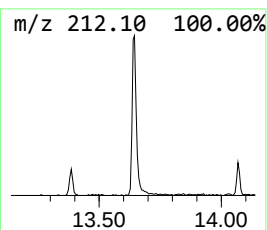
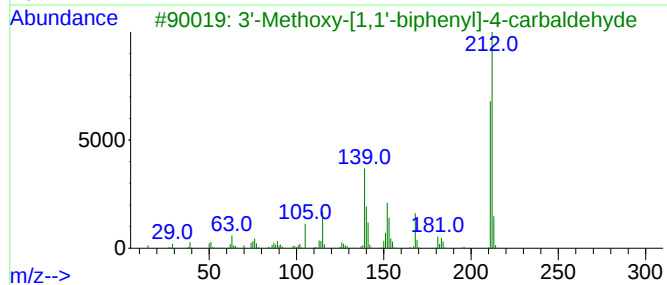
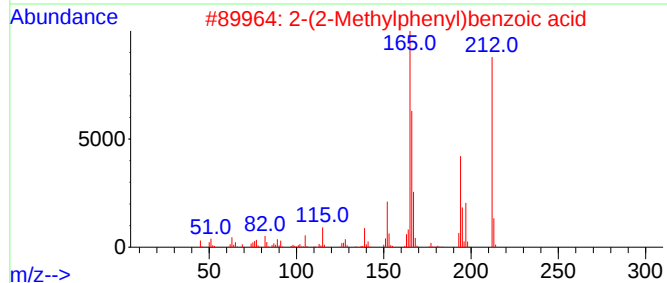
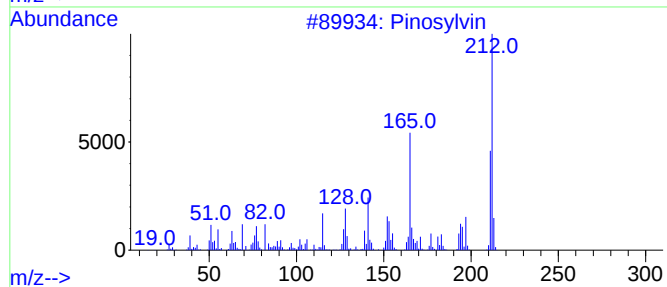
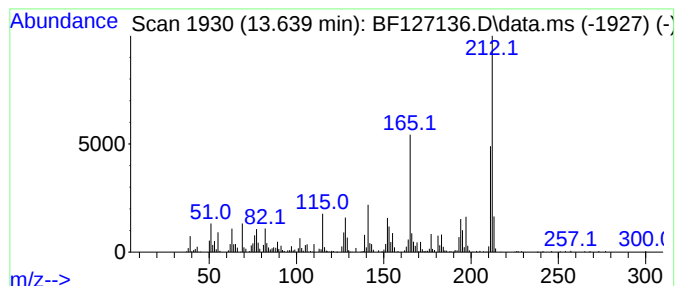
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 17 Pinosylvlin Concentration Rank 7

| R.T.   | EstConc  | Area   | Relative to ISTD | R.T.   |
|--------|----------|--------|------------------|--------|
| 13.639 | 11.23 ng | 324999 | Chrysene-d12     | 14.068 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|----------|--------------|------|
| 1    |    |   | Pinosylvlin                         | 212 | C14H12O2 | 022139-77-1  | 99   |
| 2    |    |   | 2-(2-Methylphenyl)benzoic acid      | 212 | C14H12O2 | 1000305-27-9 | 64   |
| 3    |    |   | 3'-Methoxy-[1,1'-biphenyl]-4-car... | 212 | C14H12O2 | 209863-09-2  | 64   |
| 4    |    |   | Pinosylvlin, diacetate              | 296 | C18H16O4 | 071144-79-1  | 64   |
| 5    |    |   | Acridin-9-amine, 1,2,3,4-tetrahy... | 212 | C14H16N2 | 005778-78-9  | 58   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF030122\  
Data File : BF127136.D  
Acq On : 02 Mar 2022 00:42  
Operator : CG\JU  
Sample : N1713-03 10X  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
VNJ-235

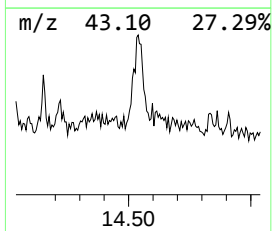
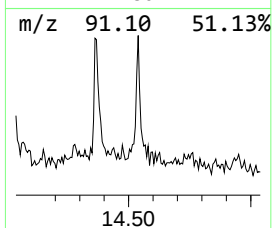
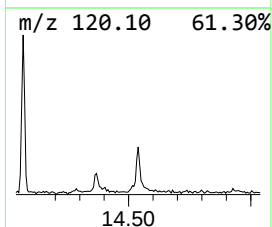
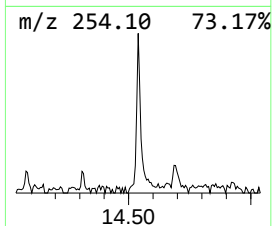
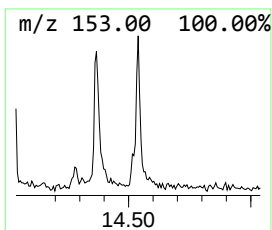
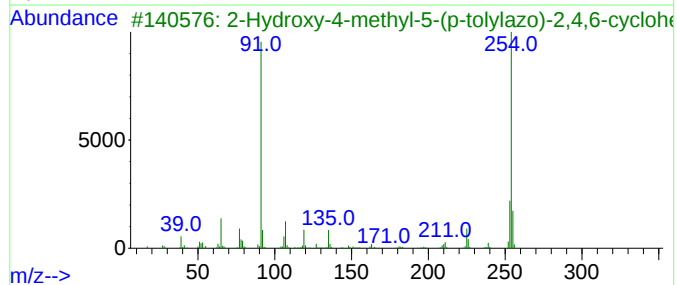
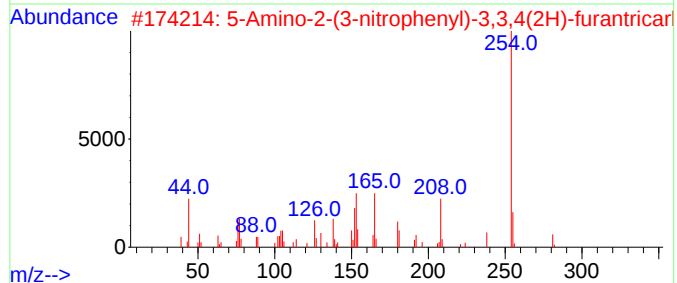
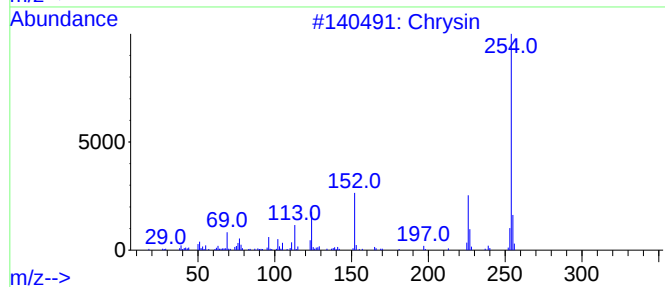
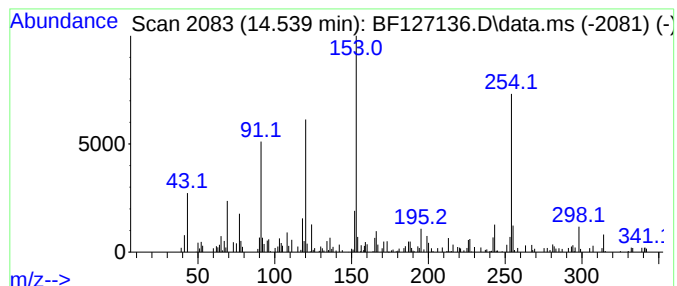
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 18 unknown14.539 Concentration Rank 18

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 14.539 | 5.81 ng | 168148 | Chrysene-d12     | 14.068 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm    | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|------------|--------------|------|
| 1    |    |   | Chrysin                             | 254 | C15H10O4   | 000480-40-0  | 42   |
| 2    |    |   | 5-Amino-2-(3-nitrophenyl)-3,3,4(... | 281 | C13H7N5O3  | 1000326-96-8 | 35   |
| 3    |    |   | 2-Hydroxy-4-methyl-5-(p-tolylazo... | 254 | C15H14N2O2 | 066777-90-0  | 25   |
| 4    |    |   | 6-Methyl-1-pyridin-2-ylmethylene... | 254 | C14H10N2O3 | 1000274-64-8 | 25   |
| 5    |    |   | 4-[5-(4-Fluorophenyl)-1H-1,2,4-t... | 254 | C14H11FN4  | 1000387-34-8 | 25   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF030122\  
Data File : BF127136.D  
Acq On : 02 Mar 2022 00:42  
Operator : CG\JU  
Sample : N1713-03 10X  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

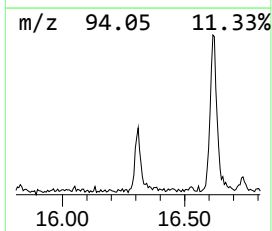
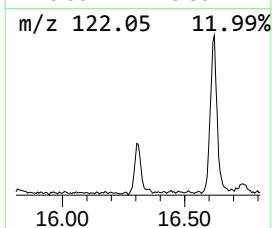
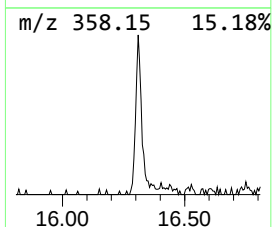
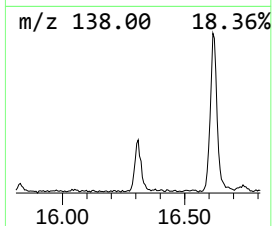
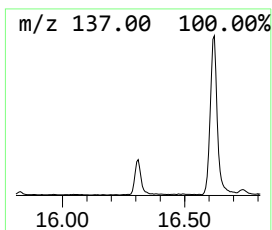
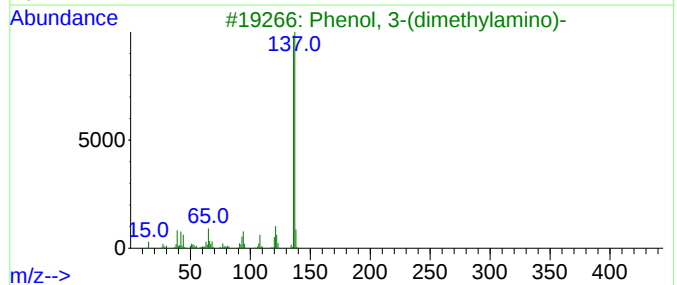
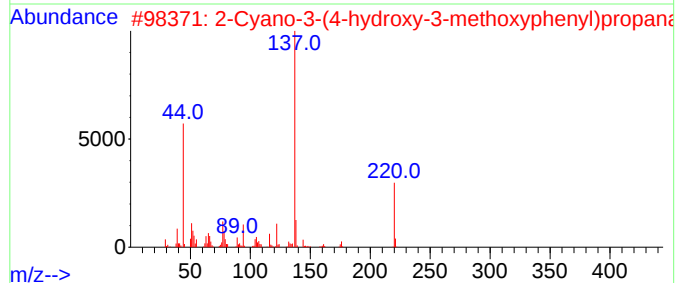
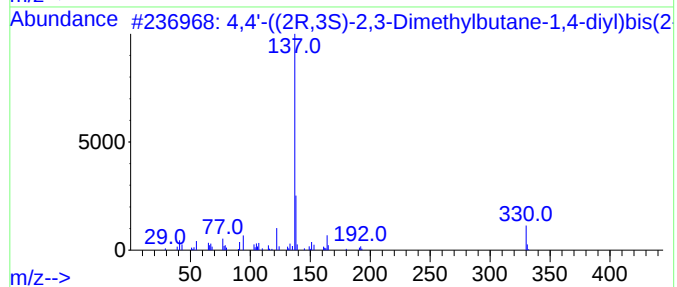
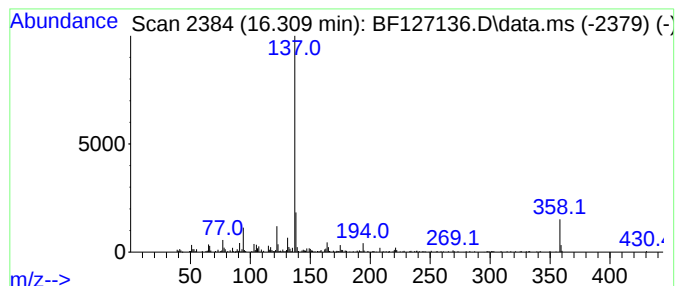
Instrument :  
BNA\_F  
ClientSampleId :  
VNJ-235

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 19 4,4'-((2R,3S)-2,3-Dimethylb... Concentration Rank 10

| R.T.      | EstConc                             | Area   | Relative to ISTD | R.T.         |      |
|-----------|-------------------------------------|--------|------------------|--------------|------|
| 16.309    | 9.95 ng                             | 235146 | Perylene-d12     | 15.562       |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm          | CAS#         | Qual |
| 1         | 4,4'-((2R,3S)-2,3-Dimethylbutane... | 330    | C20H26O4         | 066322-34-7  | 64   |
| 2         | 2-Cyano-3-(4-hydroxy-3-methoxyph... | 220    | C11H12N2O3       | 1000459-40-0 | 64   |
| 3         | Phenol, 3-(dimethylamino)-          | 137    | C8H11NO          | 000099-07-0  | 64   |
| 4         | Homovanillic acid                   | 182    | C9H10O4          | 000306-08-1  | 64   |
| 5         | Guaiacol, 4-butyl-                  | 180    | C11H16O2         | 059832-96-1  | 59   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF030122\  
Data File : BF127136.D  
Acq On : 02 Mar 2022 00:42  
Operator : CG\JU  
Sample : N1713-03 10X  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
VNJ-235

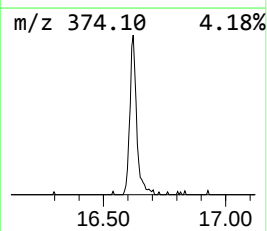
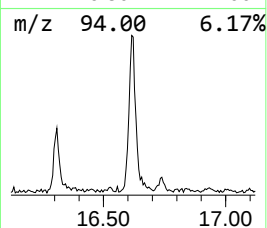
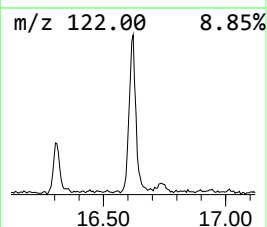
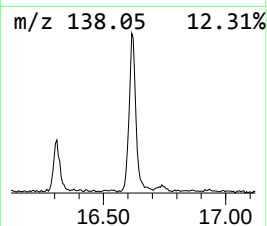
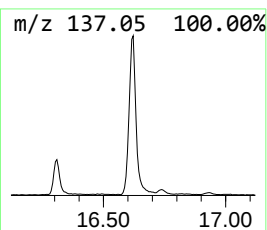
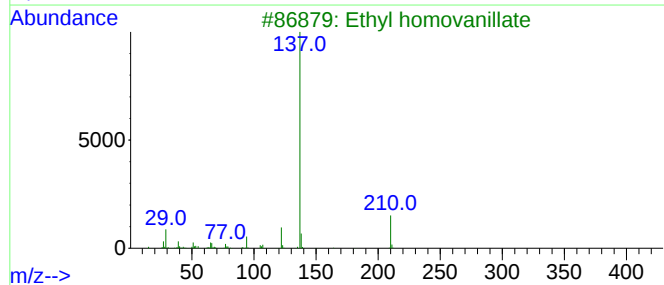
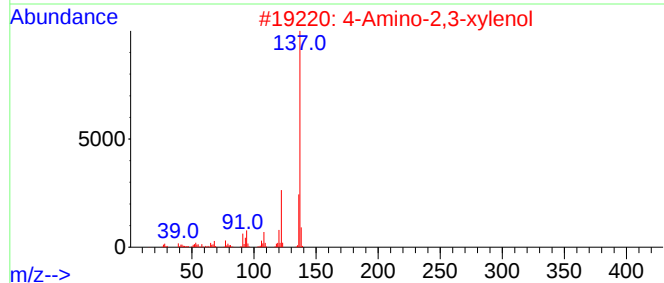
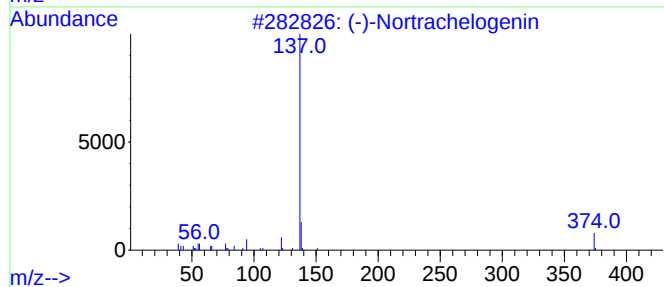
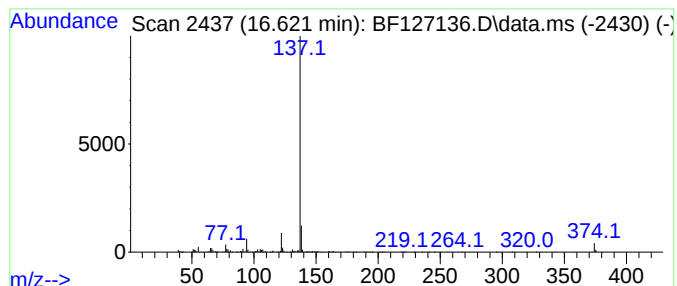
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 20 (-)-Nortrachelogenin Concentration Rank 2

| R.T.   | EstConc  | Area   | Relative to ISTD | R.T.   |
|--------|----------|--------|------------------|--------|
| 16.621 | 32.74 ng | 773798 | Perylene-d12     | 15.562 |

| Hit# | of 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|------|-------------------------------------|-----|----------|--------------|------|
| 1    |      | (-)-Nortrachelogenin                | 374 | C20H22O7 | 034444-37-6  | 91   |
| 2    |      | 4-Amino-2,3-xyleneol                | 137 | C8H11NO  | 003096-69-3  | 80   |
| 3    |      | Ethyl homovanillate                 | 210 | C11H14O4 | 060563-13-5  | 72   |
| 4    |      | 6-Amino-2,4-dimethylphenol          | 137 | C8H11NO  | 041458-65-5  | 64   |
| 5    |      | Propan-2-one, 1-(4-isopropoxy-3-... | 222 | C13H18O3 | 1000267-40-3 | 64   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF030122\  
 Data File : BF127136.D  
 Acq On : 02 Mar 2022 00:42  
 Operator : CG\JU  
 Sample : N1713-03 10X  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 VNJ-235

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF021622.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST0.L  
 TIC Integration Parameters: LSCINT.P

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |        |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|--------|------|
|                    |        |         |       |          | #                     | RT     | Resp   | Conc |
| trans-.beta.-Oc... | 6.163  | 11.3    | ng    | 336405   | 1                     | 6.892  | 596944 | 20.0 |
| Heptanoic acid     | 6.575  | 9.2     | ng    | 275275   | 1                     | 6.892  | 596944 | 20.0 |
| unknown7.910       | 7.910  | 7.5     | ng    | 307514   | 2                     | 8.175  | 820489 | 20.0 |
| Tridecane          | 8.757  | 8.0     | ng    | 329191   | 2                     | 8.175  | 820489 | 20.0 |
| Tetradecane        | 9.322  | 11.2    | ng    | 372855   | 3                     | 9.933  | 667293 | 20.0 |
| Hexadecane         | 9.851  | 9.7     | ng    | 323483   | 3                     | 9.933  | 667293 | 20.0 |
| Pentadecane, 7-... | 10.351 | 10.3    | ng    | 342835   | 3                     | 9.933  | 667293 | 20.0 |
| Heptadecane        | 10.827 | 12.2    | ng    | 338590   | 4                     | 11.422 | 554302 | 20.0 |
| (E)-4-(3-Hydrox... | 11.075 | 9.2     | ng    | 254286   | 4                     | 11.422 | 554302 | 20.0 |
| Tridecane, 1-iodo- | 11.274 | 6.6     | ng    | 183698   | 4                     | 11.422 | 554302 | 20.0 |
| Heptacosane        | 11.704 | 5.5     | ng    | 151294   | 4                     | 11.422 | 554302 | 20.0 |
| Octacosane         | 12.110 | 5.5     | ng    | 151803   | 4                     | 11.422 | 554302 | 20.0 |
| 9,12-Octadecadi... | 12.492 | 17.6    | ng    | 488821   | 4                     | 11.422 | 554302 | 20.0 |
| 9-Octadecenoic ... | 12.510 | 11.8    | ng    | 325736   | 4                     | 11.422 | 554302 | 20.0 |
| Benzene, 1,3-di... | 13.116 | 6.0     | ng    | 174913   | 5                     | 14.068 | 578837 | 20.0 |
| Acridin-9-amine... | 13.386 | 75.8    | ng    | 2195000  | 5                     | 14.068 | 578837 | 20.0 |
| Pinosylvn          | 13.639 | 11.2    | ng    | 324999   | 5                     | 14.068 | 578837 | 20.0 |
| unknown14.539      | 14.539 | 5.8     | ng    | 168148   | 5                     | 14.068 | 578837 | 20.0 |
| 4,4'-((2R,3S)-2... | 16.309 | 9.9     | ng    | 235146   | 6                     | 15.562 | 472625 | 20.0 |
| (-)-Nortrachelo... | 16.621 | 32.7    | ng    | 773798   | 6                     | 15.562 | 472625 | 20.0 |