

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF021822\  
 Data File : BF126960.D  
 Acq On : 18 Feb 2022 19:03  
 Operator : CG\JU  
 Sample : N1600-06  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 C0AA7

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: BF126960.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         | 5.551       | 552           | 555         | 558          | rVB      | 2257163        | 2183557       | 17.32%          | 0.788%        |
| 2         | 5.839       | 601           | 604         | 607          | rBV      | 1784361        | 1449539       | 11.50%          | 0.523%        |
| 3         | 6.175       | 656           | 661         | 668          | rBV3     | 1048428        | 1873262       | 14.86%          | 0.676%        |
| 4         | 6.428       | 701           | 704         | 706          | rVB      | 1073130        | 986741        | 7.83%           | 0.356%        |
| 5         | 6.457       | 706           | 709         | 712          | rBV2     | 2232451        | 2220084       | 17.61%          | 0.801%        |
| 6         | 6.557       | 721           | 726         | 728          | rVB2     | 2039637        | 2546943       | 20.20%          | 0.919%        |
| 7         | 6.669       | 741           | 745         | 750          | rBV4     | 761996         | 1480951       | 11.75%          | 0.534%        |
| 8         | 6.769       | 757           | 762         | 764          | rBV2     | 4960447        | 5846256       | 46.37%          | 2.109%        |
| 9         | 6.939       | 787           | 791         | 793          | rVB2     | 2109001        | 2155623       | 17.10%          | 0.778%        |
| 10        | 6.986       | 796           | 799         | 802          | rVB2     | 1101327        | 1014646       | 8.05%           | 0.366%        |
| 11        | 7.075       | 811           | 814         | 818          | rBV3     | 1577902        | 1877897       | 14.90%          | 0.677%        |
| 12        | 7.204       | 833           | 836         | 838          | rVB      | 2648529        | 2326698       | 18.45%          | 0.839%        |
| 13        | 7.251       | 842           | 844         | 845          | rBV      | 1452072        | 1061920       | 8.42%           | 0.383%        |
| 14        | 7.316       | 850           | 855         | 860          | rBV3     | 1968048        | 3788750       | 30.05%          | 1.367%        |
| 15        | 7.398       | 866           | 869         | 871          | rBV      | 894167         | 1024424       | 8.13%           | 0.370%        |
| 16        | 7.469       | 875           | 881         | 883          | rBV      | 2695669        | 3227657       | 25.60%          | 1.164%        |
| 17        | 7.498       | 883           | 886         | 888          | rBV2     | 1553157        | 1890877       | 15.00%          | 0.682%        |
| 18        | 7.533       | 888           | 892         | 894          | rVB      | 6786472        | 7182966       | 56.97%          | 2.591%        |
| 19        | 7.580       | 894           | 900         | 903          | rBV5     | 1938447        | 2862114       | 22.70%          | 1.033%        |
| 20        | 7.627       | 903           | 908         | 913          | rBV5     | 1148406        | 2711675       | 21.51%          | 0.978%        |
| 21        | 7.704       | 919           | 921         | 923          | rBV2     | 1329392        | 1103573       | 8.75%           | 0.398%        |
| 22        | 7.733       | 923           | 926         | 927          | rBV      | 1310681        | 1193982       | 9.47%           | 0.431%        |
| 23        | 7.816       | 935           | 940         | 941          | rBV3     | 1064007        | 1337727       | 10.61%          | 0.483%        |
| 24        | 7.833       | 941           | 943         | 945          | rVV      | 2225803        | 2101363       | 16.67%          | 0.758%        |
| 25        | 7.863       | 945           | 948         | 950          | rVV4     | 2033171        | 2633190       | 20.89%          | 0.950%        |
| 26        | 7.892       | 950           | 953         | 957          | rVV3     | 2547441        | 3738273       | 29.65%          | 1.349%        |
| 27        | 7.927       | 957           | 959         | 962          | rVV2     | 2396721        | 2813700       | 22.32%          | 1.015%        |
| 28        | 7.957       | 962           | 964         | 967          | rVV2     | 3892921        | 4530977       | 35.94%          | 1.635%        |
| 29        | 8.004       | 970           | 972         | 974          | rVV      | 1882850        | 1824339       | 14.47%          | 0.658%        |
| 30        | 8.033       | 974           | 977         | 979          | rVV4     | 1526594        | 1689518       | 13.40%          | 0.610%        |
| 31        | 8.063       | 979           | 982         | 984          | rVB      | 1817255        | 1473004       | 11.68%          | 0.531%        |
| 32        | 8.086       | 984           | 986         | 989          | rVB2     | 1301951        | 1106523       | 8.78%           | 0.399%        |
| 33        | 8.122       | 989           | 992         | 995          | rBV4     | 1150704        | 1506379       | 11.95%          | 0.543%        |
| 34        | 8.204       | 995           | 1006        | 1008         | rVV2     | 8430255        | 12607547      | 100.00%         | 4.548%        |
| 35        | 8.222       | 1008          | 1009        | 1011         | rVV      | 1558897        | 1409703       | 11.18%          | 0.509%        |
| 36        | 8.245       | 1011          | 1013        | 1014         | rVV2     | 1491086        | 1329852       | 10.55%          | 0.480%        |

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 Sample : N1600-06  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 C0AA7

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 | 8.274  | 1014 | 1018 | 1021 | rVB2 | 4483616 | 5068034  | 40.20% | 1.828% |
| 38 | 8.304  | 1021 | 1023 | 1026 | rBV2 | 1546653 | 1828718  | 14.50% | 0.660% |
| 39 | 8.369  | 1030 | 1034 | 1036 | rBV3 | 867232  | 1113057  | 8.83%  | 0.402% |
| 40 | 8.422  | 1040 | 1043 | 1045 | rVB2 | 1930566 | 1894082  | 15.02% | 0.683% |
| 41 | 8.510  | 1053 | 1058 | 1062 | rVV4 | 3754276 | 4626407  | 36.70% | 1.669% |
| 42 | 8.569  | 1062 | 1068 | 1070 | rBV3 | 1793014 | 2513062  | 19.93% | 0.907% |
| 43 | 8.592  | 1070 | 1072 | 1076 | rVV3 | 2102321 | 2622446  | 20.80% | 0.946% |
| 44 | 8.639  | 1076 | 1080 | 1082 | rVV3 | 3593838 | 3515989  | 27.89% | 1.268% |
| 45 | 8.686  | 1086 | 1088 | 1091 | rVB  | 1137934 | 1009510  | 8.01%  | 0.364% |
| 46 | 8.727  | 1091 | 1095 | 1098 | rBV  | 4375674 | 4558675  | 36.16% | 1.645% |
| 47 | 8.816  | 1103 | 1110 | 1113 | rBV  | 7831751 | 9889047  | 78.44% | 3.568% |
| 48 | 8.851  | 1113 | 1116 | 1118 | rBV3 | 926234  | 1404550  | 11.14% | 0.507% |
| 49 | 8.933  | 1128 | 1130 | 1133 | rVB3 | 1112777 | 1028190  | 8.16%  | 0.371% |
| 50 | 8.998  | 1138 | 1141 | 1143 | rVV2 | 861275  | 1119011  | 8.88%  | 0.404% |
| 51 | 9.051  | 1146 | 1150 | 1154 | rVV2 | 3947972 | 4955510  | 39.31% | 1.788% |
| 52 | 9.086  | 1154 | 1156 | 1158 | rVV3 | 2271721 | 2411434  | 19.13% | 0.870% |
| 53 | 9.127  | 1161 | 1163 | 1167 | rVV4 | 1772522 | 2401986  | 19.05% | 0.867% |
| 54 | 9.169  | 1167 | 1170 | 1172 | rVV2 | 2775300 | 3272291  | 25.96% | 1.180% |
| 55 | 9.216  | 1175 | 1178 | 1179 | rVV  | 1660153 | 1573947  | 12.48% | 0.568% |
| 56 | 9.239  | 1179 | 1182 | 1184 | rVV2 | 3936604 | 3512131  | 27.86% | 1.267% |
| 57 | 9.263  | 1184 | 1186 | 1188 | rVV2 | 1119825 | 959113   | 7.61%  | 0.346% |
| 58 | 9.298  | 1189 | 1192 | 1196 | rVB  | 3167575 | 2969758  | 23.56% | 1.071% |
| 59 | 9.333  | 1196 | 1198 | 1201 | rBV3 | 791480  | 977134   | 7.75%  | 0.353% |
| 60 | 9.386  | 1201 | 1207 | 1210 | rVV  | 7944818 | 10229094 | 81.13% | 3.690% |
| 61 | 9.416  | 1210 | 1212 | 1214 | rVV2 | 1390977 | 1373278  | 10.89% | 0.495% |
| 62 | 9.451  | 1216 | 1218 | 1220 | rVV  | 2650686 | 2105009  | 16.70% | 0.759% |
| 63 | 9.480  | 1220 | 1223 | 1227 | rVB4 | 674447  | 1047234  | 8.31%  | 0.378% |
| 64 | 9.557  | 1234 | 1236 | 1242 | rVB5 | 1340927 | 1531804  | 12.15% | 0.553% |
| 65 | 9.633  | 1243 | 1249 | 1250 | rBV5 | 1827326 | 3279744  | 26.01% | 1.183% |
| 66 | 9.698  | 1256 | 1260 | 1262 | rBV3 | 3850447 | 4482355  | 35.55% | 1.617% |
| 67 | 9.716  | 1262 | 1263 | 1267 | rVB3 | 2014867 | 2073820  | 16.45% | 0.748% |
| 68 | 9.757  | 1267 | 1270 | 1273 | rBV2 | 2013221 | 2156047  | 17.10% | 0.778% |
| 69 | 9.916  | 1292 | 1297 | 1300 | rVB  | 7565847 | 8032232  | 63.71% | 2.898% |
| 70 | 9.945  | 1300 | 1302 | 1304 | rBV3 | 836700  | 980670   | 7.78%  | 0.354% |
| 71 | 10.139 | 1331 | 1335 | 1337 | rVV3 | 1240473 | 1769762  | 14.04% | 0.638% |
| 72 | 10.163 | 1337 | 1339 | 1341 | rVV  | 1636755 | 1426476  | 11.31% | 0.515% |
| 73 | 10.192 | 1342 | 1344 | 1346 | rVB  | 1381392 | 1093048  | 8.67%  | 0.394% |
| 74 | 10.227 | 1346 | 1350 | 1354 | rBV3 | 2587272 | 3512482  | 27.86% | 1.267% |
| 75 | 10.263 | 1354 | 1356 | 1359 | rVB  | 1650523 | 1301994  | 10.33% | 0.470% |
| 76 | 10.298 | 1359 | 1362 | 1366 | rBV5 | 1163581 | 1981708  | 15.72% | 0.715% |

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 Sample : N1600-06  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 C0AA7

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  | 10.416 | 1376 | 1382 | 1384 | rBV  | 7520685 | 8617812  | 68.35% | 3.109% |
| 78  | 10.468 | 1388 | 1391 | 1395 | rVB4 | 938628  | 1327841  | 10.53% | 0.479% |
| 79  | 10.627 | 1412 | 1418 | 1420 | rBV  | 3694658 | 5203458  | 41.27% | 1.877% |
| 80  | 10.674 | 1424 | 1426 | 1429 | rVB2 | 1323331 | 1205529  | 9.56%  | 0.435% |
| 81  | 10.710 | 1429 | 1432 | 1436 | rBV3 | 1214199 | 1603490  | 12.72% | 0.578% |
| 82  | 10.745 | 1436 | 1438 | 1440 | rVB2 | 1901961 | 1365578  | 10.83% | 0.493% |
| 83  | 10.774 | 1440 | 1443 | 1445 | rBV  | 1284609 | 1141475  | 9.05%  | 0.412% |
| 84  | 10.886 | 1457 | 1462 | 1470 | rVB2 | 6592238 | 11280912 | 89.48% | 4.070% |
| 85  | 11.068 | 1490 | 1493 | 1497 | rBV  | 1160462 | 1417196  | 11.24% | 0.511% |
| 86  | 11.104 | 1497 | 1499 | 1502 | rVB2 | 1399314 | 1239699  | 9.83%  | 0.447% |
| 87  | 11.163 | 1506 | 1509 | 1512 | rVB  | 1203437 | 981929   | 7.79%  | 0.354% |
| 88  | 11.198 | 1512 | 1515 | 1517 | rBV2 | 1048045 | 972288   | 7.71%  | 0.351% |
| 89  | 11.333 | 1534 | 1538 | 1540 | rBV  | 6232650 | 6373012  | 50.55% | 2.299% |
| 90  | 11.363 | 1540 | 1543 | 1548 | rVB  | 3471810 | 3828008  | 30.36% | 1.381% |
| 91  | 11.474 | 1558 | 1562 | 1564 | rBV2 | 1088438 | 1367592  | 10.85% | 0.493% |
| 92  | 11.504 | 1564 | 1567 | 1572 | rVV  | 916451  | 1640919  | 13.02% | 0.592% |
| 93  | 11.704 | 1598 | 1601 | 1606 | rBV2 | 986291  | 1013496  | 8.04%  | 0.366% |
| 94  | 11.757 | 1606 | 1610 | 1613 | rVB  | 5429212 | 5277800  | 41.86% | 1.904% |
| 95  | 12.162 | 1675 | 1679 | 1681 | rBV  | 5127305 | 4452969  | 35.32% | 1.606% |
| 96  | 12.551 | 1740 | 1745 | 1749 | rVB  | 4008595 | 4198046  | 33.30% | 1.514% |
| 97  | 12.915 | 1804 | 1807 | 1810 | rVB  | 2956848 | 2378967  | 18.87% | 0.858% |
| 98  | 13.051 | 1827 | 1830 | 1833 | rVB  | 2010920 | 1880323  | 14.91% | 0.678% |
| 99  | 13.268 | 1864 | 1867 | 1870 | rVB  | 1926394 | 1569400  | 12.45% | 0.566% |
| 100 | 13.609 | 1922 | 1925 | 1932 | rVB  | 1211801 | 1145225  | 9.08%  | 0.413% |

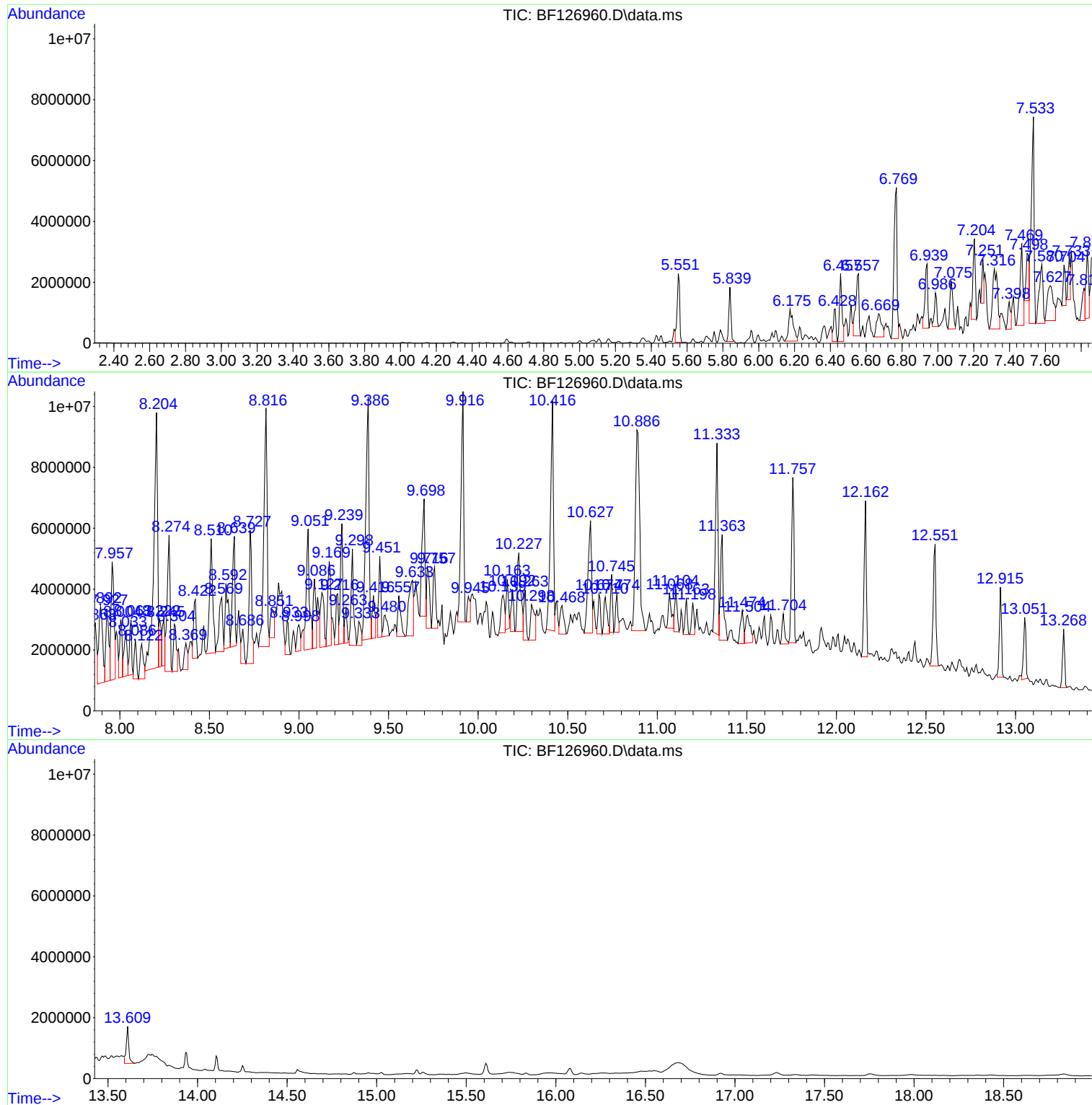
Sum of corrected areas: 277196033

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Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
C0AA7

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



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF021822\  
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Instrument :  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF021622.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

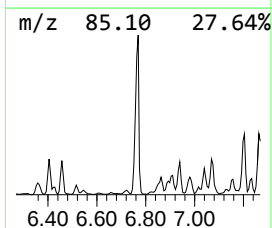
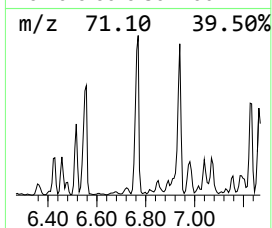
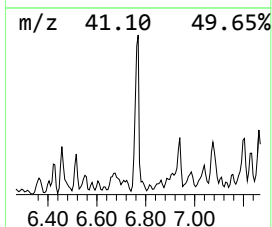
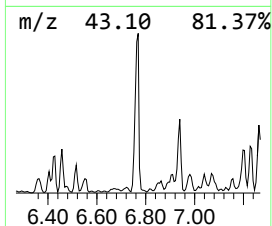
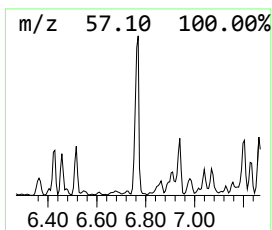
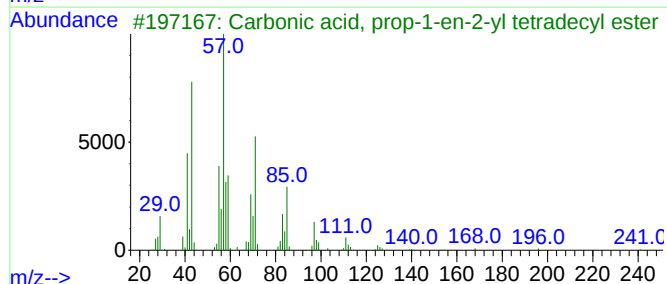
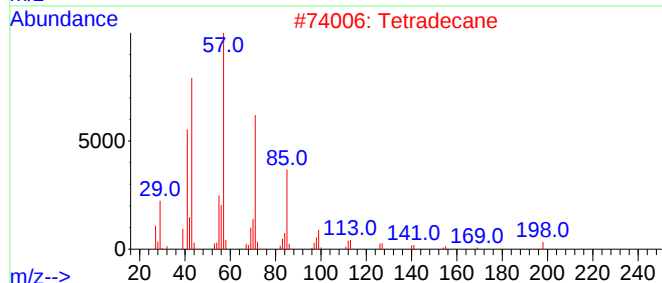
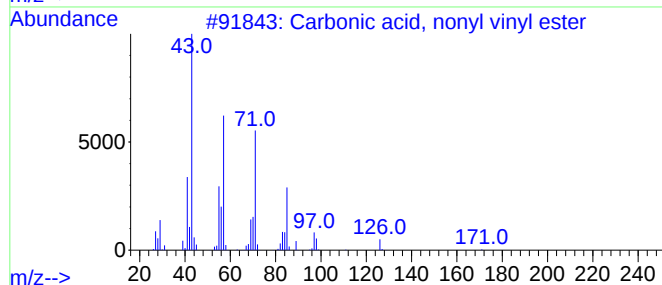
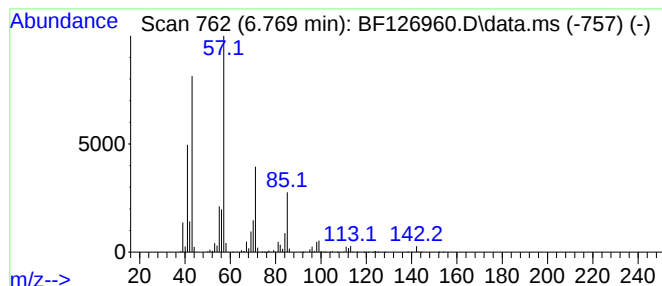
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 Carbonic acid, nonyl vinyl ... Concentration Rank 19

| R.T.  | EstConc  | Area    | Relative to ISTD       | R.T.  |
|-------|----------|---------|------------------------|-------|
| 6.769 | 54.24 ng | 5846260 | 1,4-Dichlorobenzene-d4 | 6.933 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm     | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-------------|--------------|------|
| 1    |    |   | Carbonic acid, nonyl vinyl ester    | 214 | C12H22O3    | 1000383-25-6 | 86   |
| 2    |    |   | Tetradecane                         | 198 | C14H30      | 000629-59-4  | 83   |
| 3    |    |   | Carbonic acid, prop-1-en-2-yl te... | 298 | C18H34O3    | 1000382-90-9 | 78   |
| 4    |    |   | Silane, trichlorooctadecyl-         | 386 | C18H37Cl3Si | 000112-04-9  | 78   |
| 5    |    |   | Nonane                              | 128 | C9H20       | 000111-84-2  | 72   |



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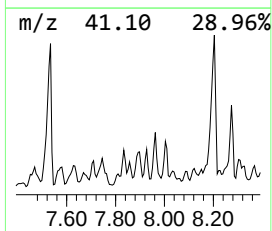
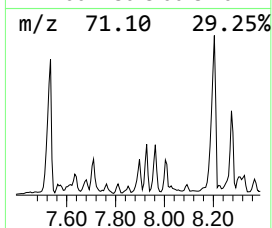
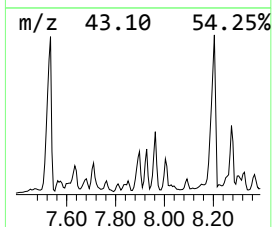
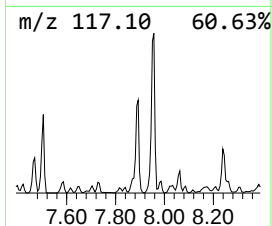
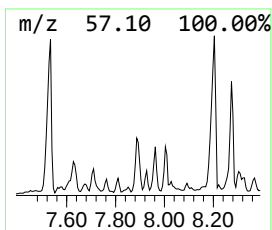
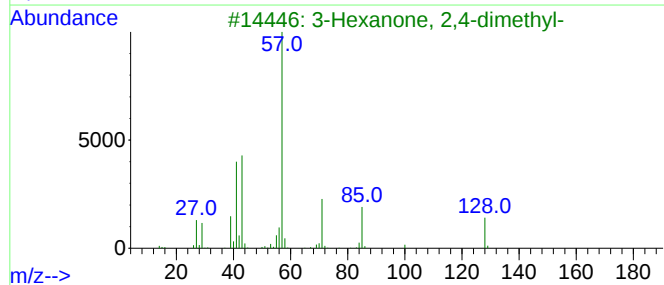
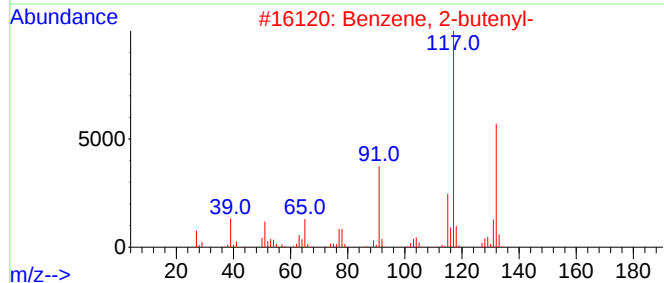
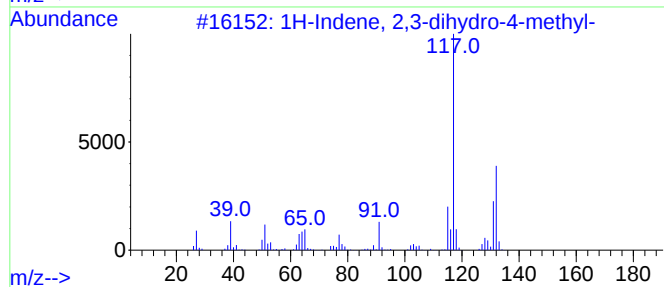
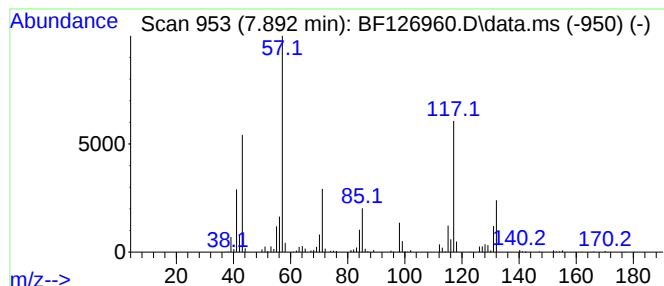
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF021622.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 2 unknown7.892 Concentration Rank 20

| R.T.  | EstConc  | Area    | Relative to ISTD | R.T.  |
|-------|----------|---------|------------------|-------|
| 7.892 | 53.04 ng | 3738270 | Naphthalene-d8   | 8.222 |

| Hit# | of 5 | Tentative ID                     | MW  | MolForm | CAS#        | Qual |
|------|------|----------------------------------|-----|---------|-------------|------|
| 1    |      | 1H-Indene, 2,3-dihydro-4-methyl- | 132 | C10H12  | 000824-22-6 | 46   |
| 2    |      | Benzene, 2-butenyl-              | 132 | C10H12  | 001560-06-1 | 30   |
| 3    |      | 3-Hexanone, 2,4-dimethyl-        | 128 | C8H16O  | 018641-70-8 | 30   |
| 4    |      | Indan, 1-methyl-                 | 132 | C10H12  | 000767-58-8 | 30   |
| 5    |      | 1-Phenyl-1-butene                | 132 | C10H12  | 000824-90-8 | 30   |



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Data File : BF126960.D  
Acq On : 18 Feb 2022 19:03  
Operator : CG\JU  
Sample : N1600-06  
Misc :  
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BNA\_F  
ClientSampleId :  
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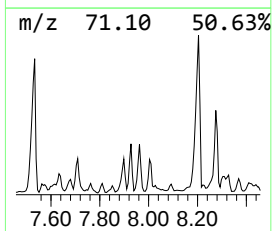
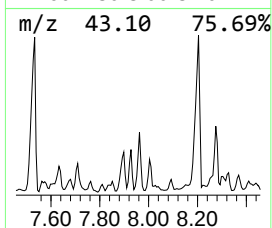
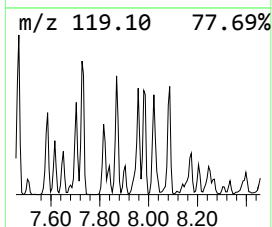
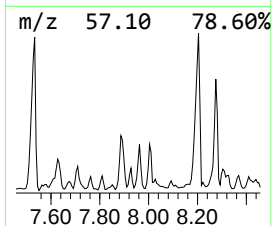
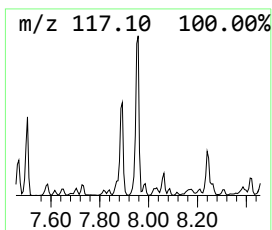
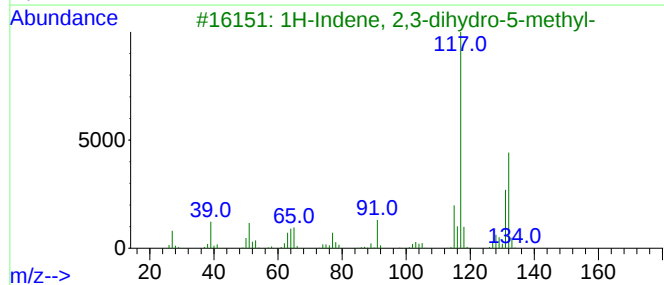
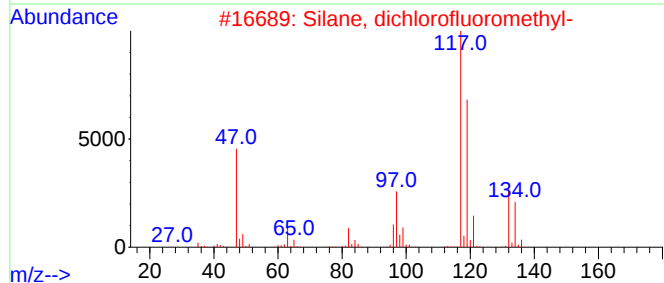
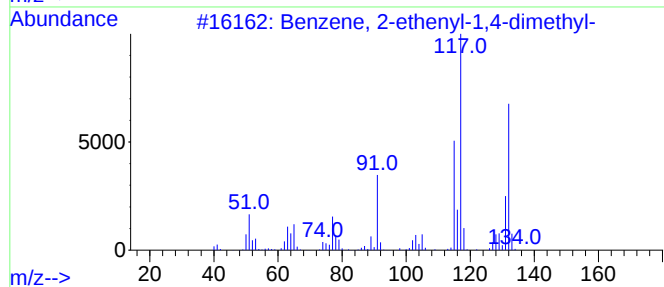
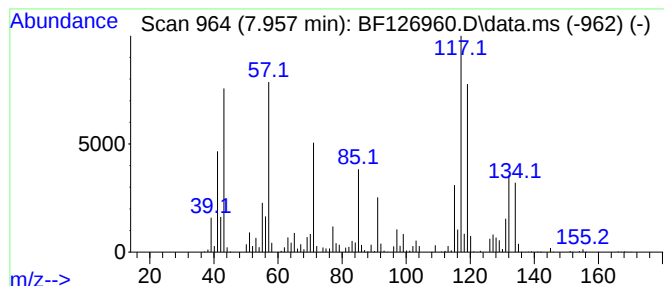
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 3 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 16

| R.T.      | EstConc                          | Area    | Relative to ISTD | R.T.        |      |
|-----------|----------------------------------|---------|------------------|-------------|------|
| 7.957     | 64.28 ng                         | 4530980 | Naphthalene-d8   | 8.222       |      |
| Hit# of 5 | Tentative ID                     | MW      | MolForm          | CAS#        | Qual |
| 1         | Benzene, 2-ethenyl-1,4-dimethyl- | 132     | C10H12           | 002039-89-6 | 68   |
| 2         | Silane, dichlorofluoromethyl-    | 132     | CH3Cl2FSi        | 000420-58-6 | 49   |
| 3         | 1H-Indene, 2,3-dihydro-5-methyl- | 132     | C10H12           | 000874-35-1 | 42   |
| 4         | 3-Phenylbut-1-ene                | 132     | C10H12           | 000934-10-1 | 42   |
| 5         | Benzene, 1-ethenyl-4-ethyl-      | 132     | C10H12           | 003454-07-7 | 38   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF021822\  
Data File : BF126960.D  
Acq On : 18 Feb 2022 19:03  
Operator : CG\JU  
Sample : N1600-06  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
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ClientSampleId :  
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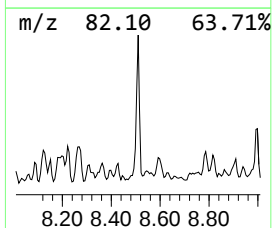
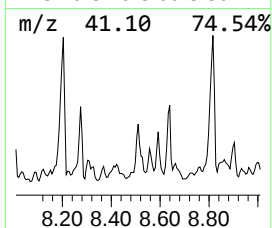
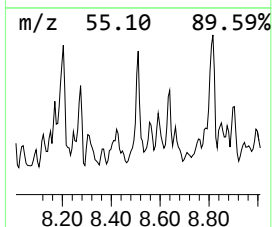
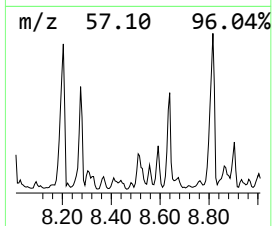
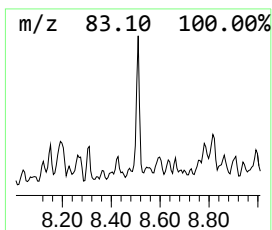
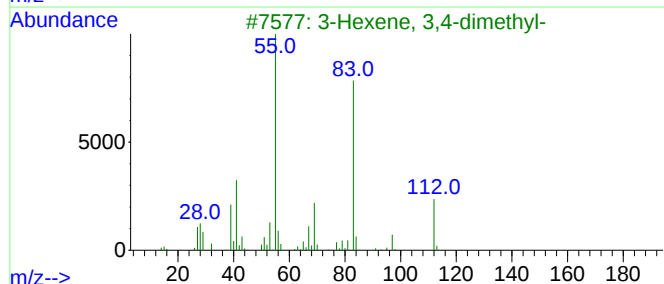
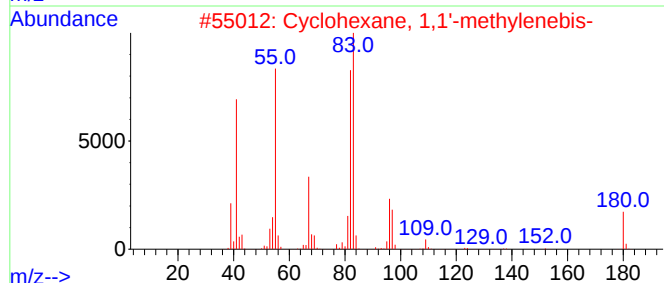
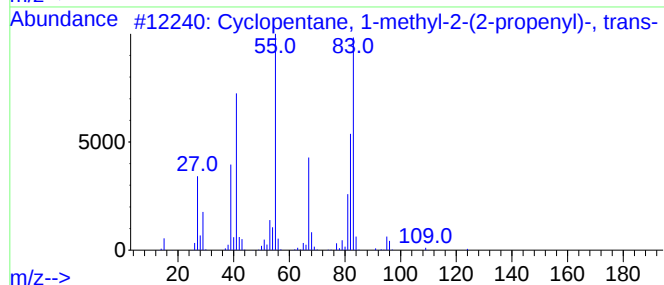
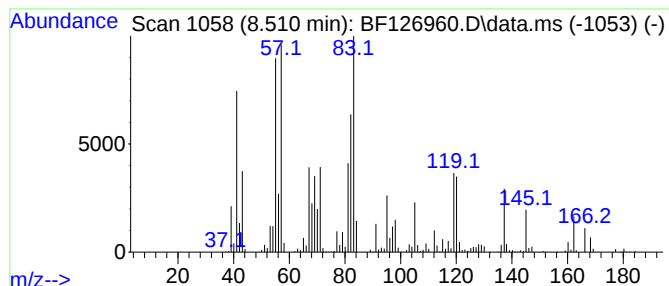
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TIC Integration Parameters: LSCINT.P

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Peak Number 4 unknown8.510 Concentration Rank 13

| R.T.  | EstConc  | Area    | Relative to ISTD | R.T.  |
|-------|----------|---------|------------------|-------|
| 8.510 | 65.64 ng | 4626410 | Naphthalene-d8   | 8.222 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Cyclopentane, 1-methyl-2-(2-prop... | 124 | C9H16   | 050746-53-7 | 45   |
| 2    |    |   | Cyclohexane, 1,1'-methylenebis-     | 180 | C13H24  | 003178-23-2 | 41   |
| 3    |    |   | 3-Hexene, 3,4-dimethyl-             | 112 | C8H16   | 030951-95-2 | 35   |
| 4    |    |   | Cyclohexane, 2-propenyl-            | 124 | C9H16   | 002114-42-3 | 35   |
| 5    |    |   | Cyclohexane, hexyl-                 | 168 | C12H24  | 004292-75-5 | 35   |



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Data File : BF126960.D  
Acq On : 18 Feb 2022 19:03  
Operator : CG\JU  
Sample : N1600-06  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
C0AA7

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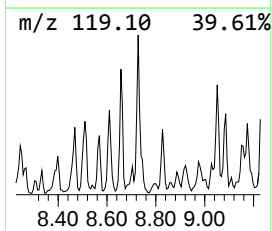
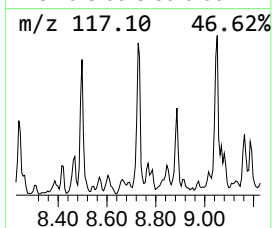
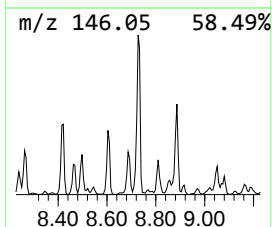
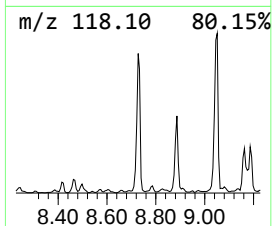
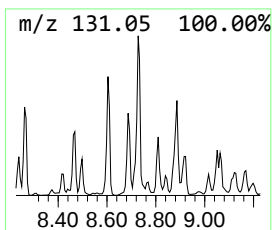
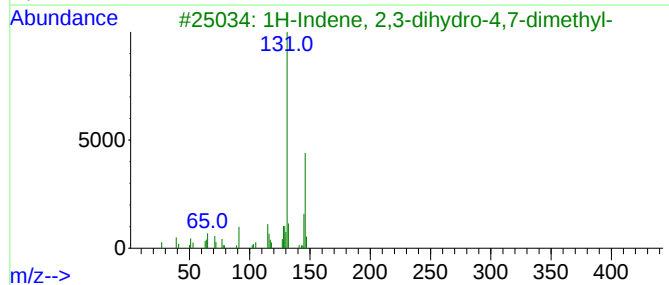
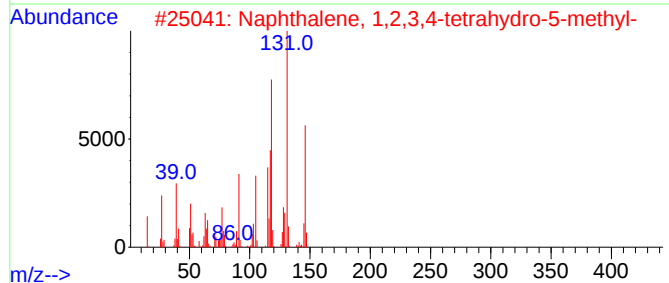
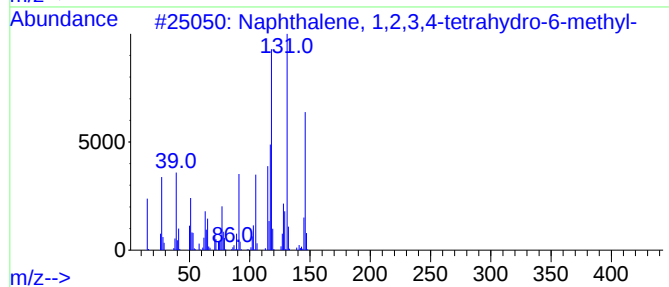
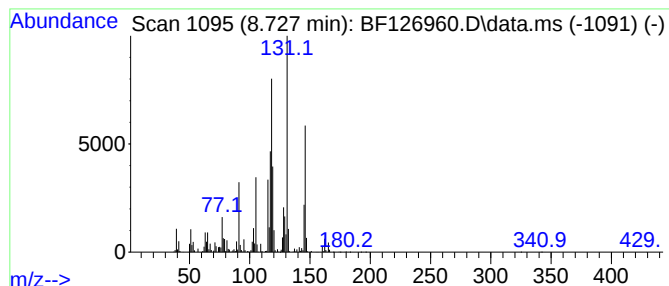
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Peak Number 5 Naphthalene, 1,2,3,4-tetra... Concentration Rank 15

| R.T.  | EstConc  | Area    | Relative to ISTD | R.T.  |
|-------|----------|---------|------------------|-------|
| 8.727 | 64.68 ng | 4558680 | Naphthalene-d8   | 8.222 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Naphthalene, 1,2,3,4-tetrahydro-... | 146 | C11H14  | 001680-51-9 | 94   |
| 2    |    |   | Naphthalene, 1,2,3,4-tetrahydro-... | 146 | C11H14  | 002809-64-5 | 94   |
| 3    |    |   | 1H-Indene, 2,3-dihydro-4,7-dimet... | 146 | C11H14  | 006682-71-9 | 50   |
| 4    |    |   | Benzene, (1-methyl-1-butenyl)-      | 146 | C11H14  | 053172-84-2 | 50   |
| 5    |    |   | Benzene, (1,2-dimethyl-1-propenyl)- | 146 | C11H14  | 000769-57-3 | 46   |



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Data File : BF126960.D  
Acq On : 18 Feb 2022 19:03  
Operator : CG\JU  
Sample : N1600-06  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

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ClientSampleId :  
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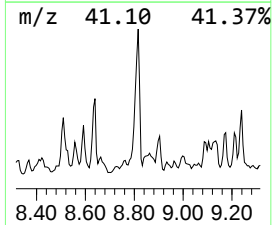
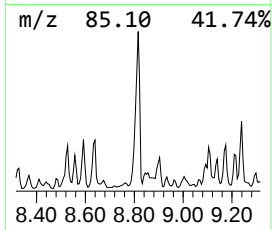
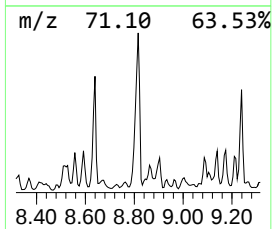
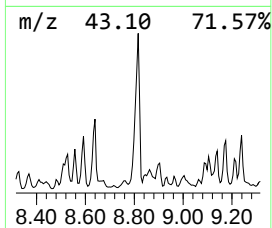
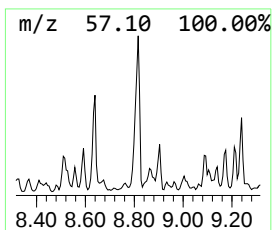
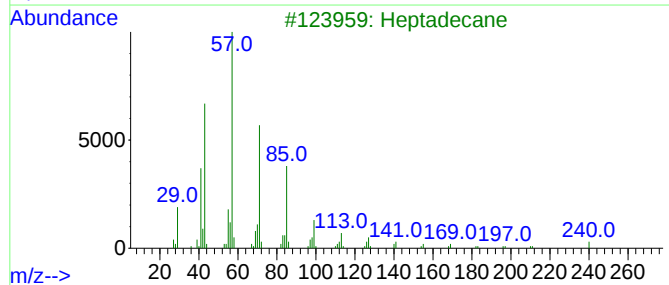
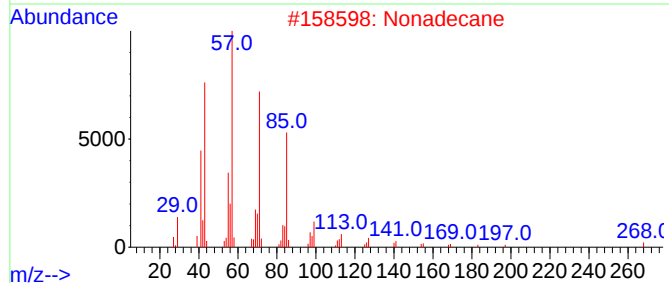
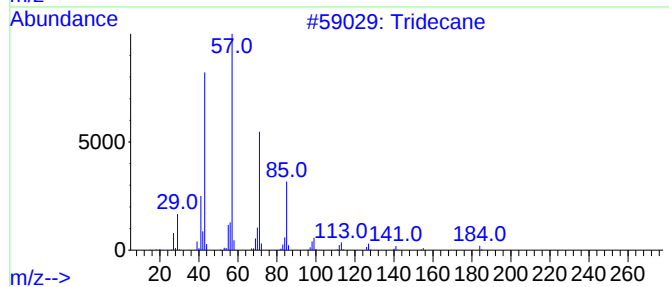
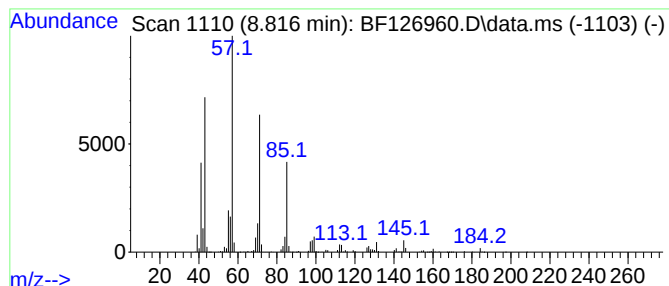
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 6 Tridecane Concentration Rank 4

| R.T.  | EstConc   | Area    | Relative to ISTD | R.T.  |
|-------|-----------|---------|------------------|-------|
| 8.816 | 140.30 ng | 9889050 | Naphthalene-d8   | 8.222 |

| Hit# | of | 5 | Tentative ID     | MW  | MolForm | CAS#        | Qual |
|------|----|---|------------------|-----|---------|-------------|------|
| 1    |    |   | Tridecane        | 184 | C13H28  | 000629-50-5 | 95   |
| 2    |    |   | Nonadecane       | 268 | C19H40  | 000629-92-5 | 86   |
| 3    |    |   | Heptadecane      | 240 | C17H36  | 000629-78-7 | 72   |
| 4    |    |   | Nonane, 5-butyl- | 184 | C13H28  | 017312-63-9 | 64   |
| 5    |    |   | Dodecane         | 170 | C12H26  | 000112-40-3 | 58   |



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Acq On : 18 Feb 2022 19:03  
Operator : CG\JU  
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ALS Vial : 19 Sample Multiplier: 1

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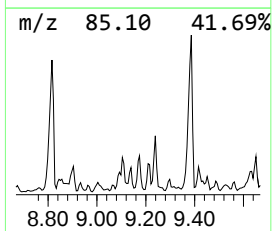
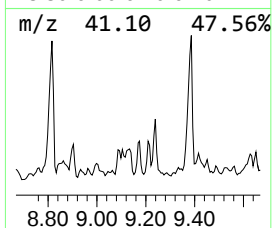
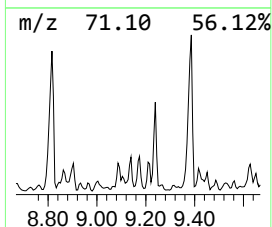
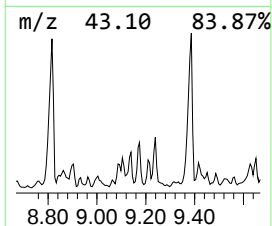
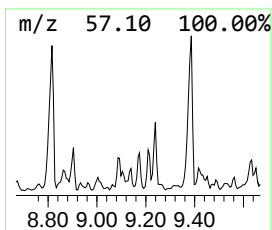
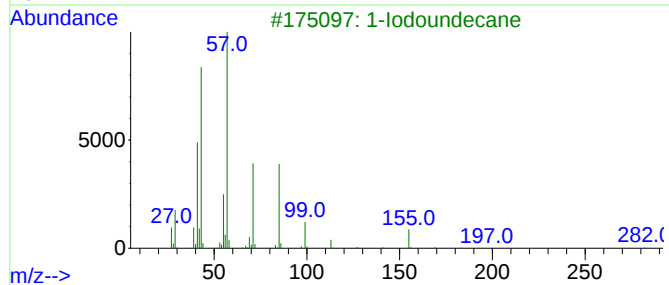
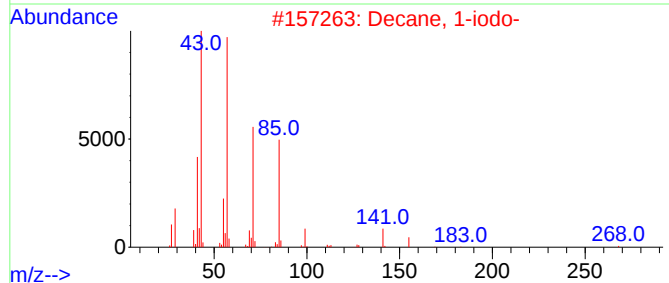
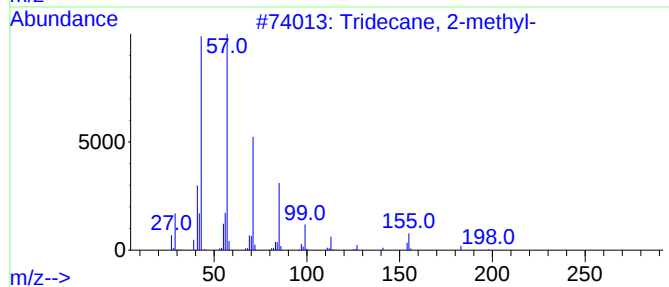
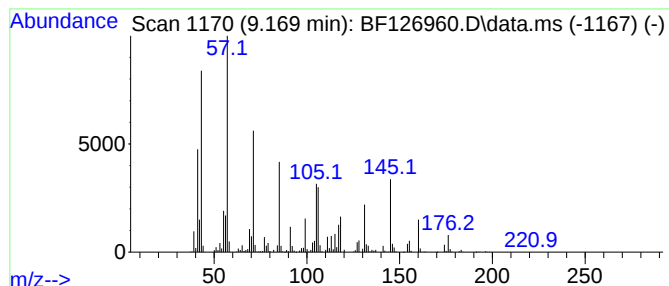
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TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 7 unknown9.169 Concentration Rank 12

| R.T.      | EstConc              | Area    | Relative to ISTD |         | R.T.        |      |
|-----------|----------------------|---------|------------------|---------|-------------|------|
| 9.169     | 66.74 ng             | 3272290 | Acenaphthene-d10 |         | 9.986       |      |
| Hit# of 5 | Tentative ID         |         | MW               | MolForm | CAS#        | Qual |
| 1         | Tridecane, 2-methyl- |         | 198              | C14H30  | 001560-96-9 | 41   |
| 2         | Decane, 1-iodo-      |         | 268              | C10H21I | 002050-77-3 | 38   |
| 3         | 1-Iodoundecane       |         | 282              | C11H23I | 004282-44-4 | 38   |
| 4         | Decane, 3-methyl-    |         | 156              | C11H24  | 013151-34-3 | 38   |
| 5         | Heptadecane          |         | 240              | C17H36  | 000629-78-7 | 35   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF021822\  
Data File : BF126960.D  
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Operator : CG\JU  
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Misc :  
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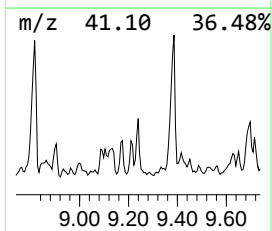
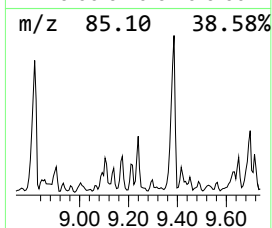
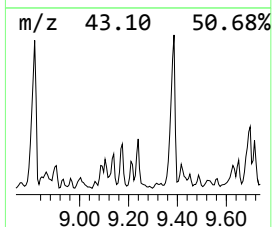
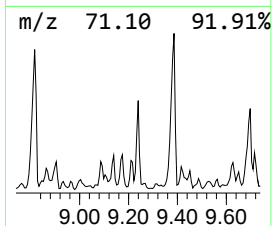
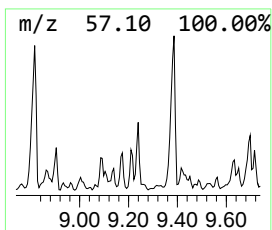
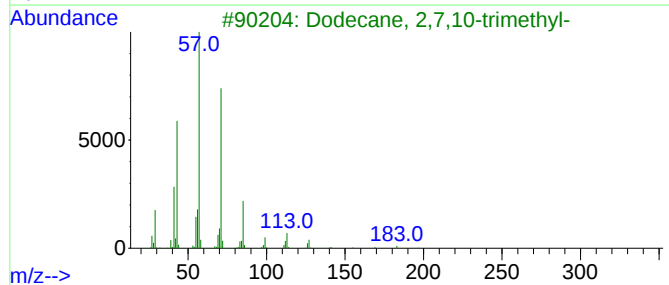
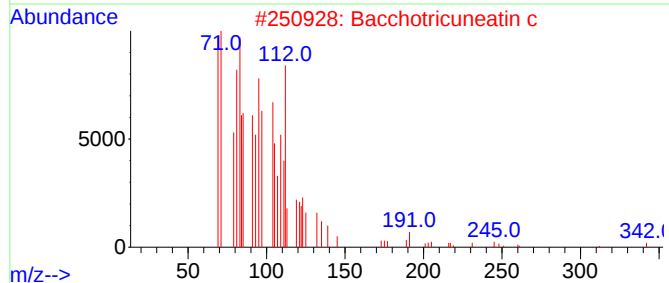
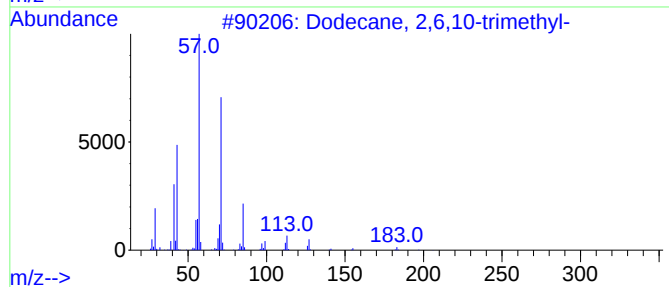
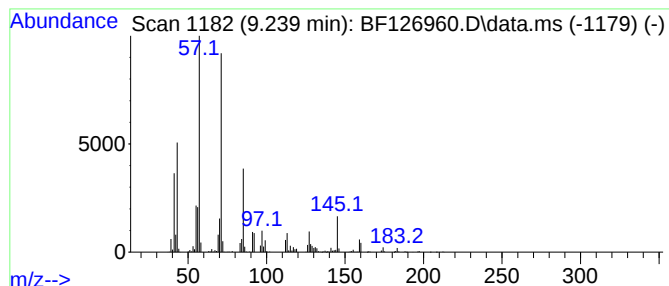
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 8 Dodecane, 2,6,10-trimethyl- Concentration Rank 10

| R.T.      | EstConc                     | Area    | Relative to ISTD | R.T.        |      |
|-----------|-----------------------------|---------|------------------|-------------|------|
| 9.239     | 71.63 ng                    | 3512130 | Acenaphthene-d10 | 9.986       |      |
| Hit# of 5 | Tentative ID                | MW      | MolForm          | CAS#        | Qual |
| 1         | Dodecane, 2,6,10-trimethyl- | 212     | C15H32           | 003891-98-3 | 64   |
| 2         | Bacchotricuneatin c         | 342     | C20H22O5         | 066563-30-2 | 59   |
| 3         | Dodecane, 2,7,10-trimethyl- | 212     | C15H32           | 074645-98-0 | 58   |
| 4         | Octane, 2,6-dimethyl-       | 142     | C10H22           | 002051-30-1 | 52   |
| 5         | Undecane, 5,7-dimethyl-     | 184     | C13H28           | 017312-83-3 | 47   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF021822\  
Data File : BF126960.D  
Acq On : 18 Feb 2022 19:03  
Operator : CG\JU  
Sample : N1600-06  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
C0AA7

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

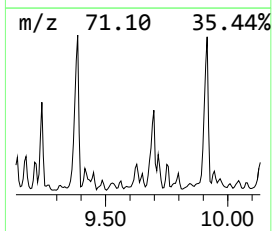
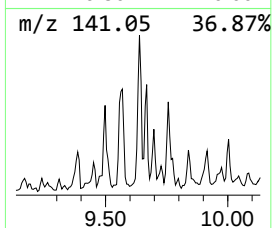
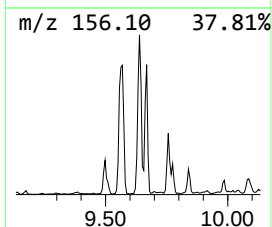
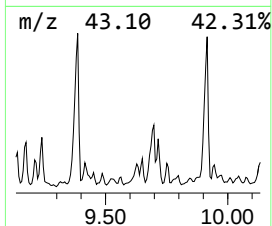
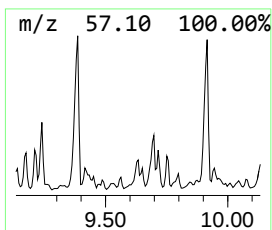
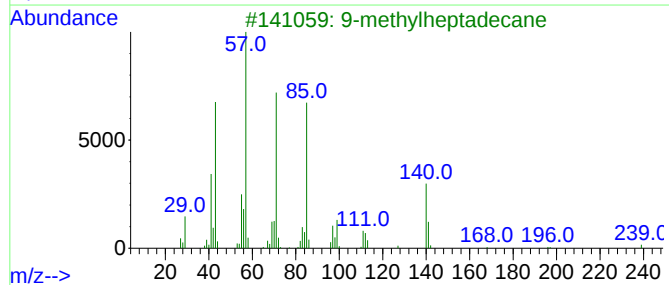
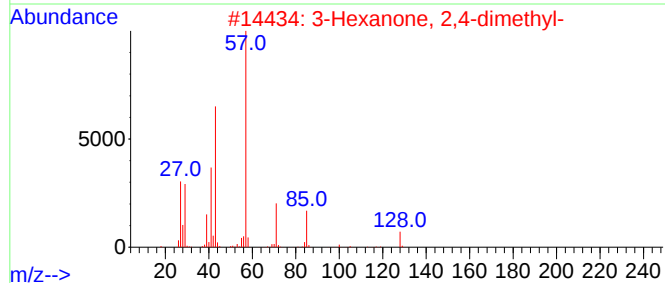
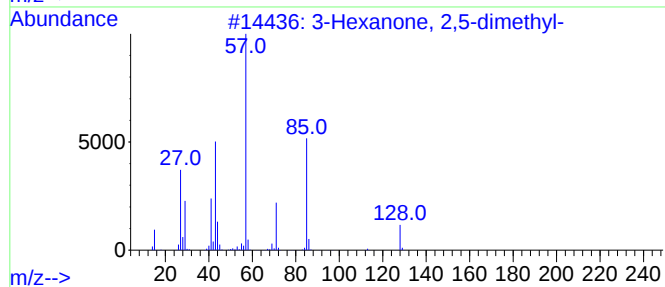
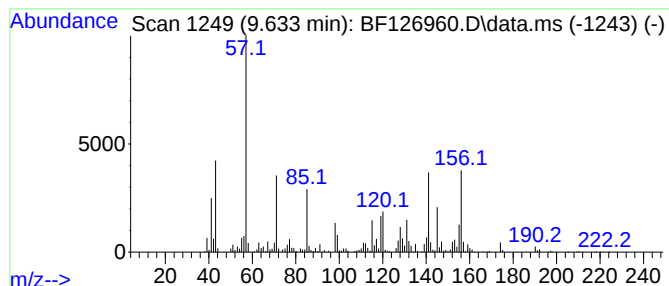
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TIC Integration Parameters: LSCINT.P

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Peak Number 9 unknown9.633 Concentration Rank 11

| R.T.  | EstConc  | Area    | Relative to ISTD | R.T.  |
|-------|----------|---------|------------------|-------|
| 9.633 | 66.89 ng | 3279740 | Acenaphthene-d10 | 9.986 |

| Hit# | of | 5 | Tentative ID              | MW  | MolForm | CAS#        | Qual |
|------|----|---|---------------------------|-----|---------|-------------|------|
| 1    |    |   | 3-Hexanone, 2,5-dimethyl- | 128 | C8H16O  | 001888-57-9 | 10   |
| 2    |    |   | 3-Hexanone, 2,4-dimethyl- | 128 | C8H16O  | 018641-70-8 | 10   |
| 3    |    |   | 9-methylheptadecane       | 254 | C18H38  | 026741-18-4 | 10   |
| 4    |    |   | Dodecane, 3-methyl-       | 184 | C13H28  | 017312-57-1 | 10   |
| 5    |    |   | Heptacosane               | 380 | C27H56  | 000593-49-7 | 10   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF021822\  
Data File : BF126960.D  
Acq On : 18 Feb 2022 19:03  
Operator : CG\JU  
Sample : N1600-06  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
C0AA7

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

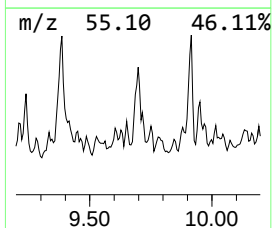
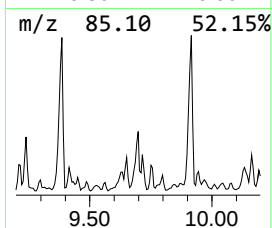
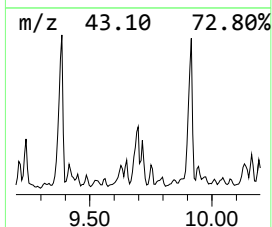
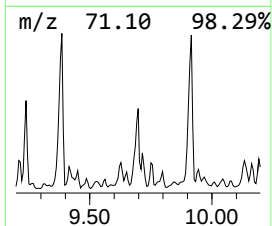
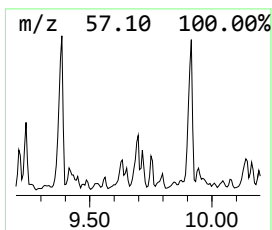
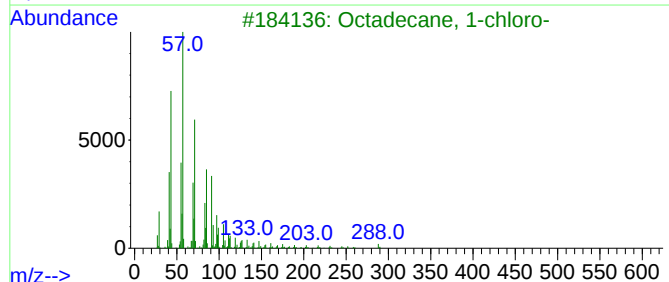
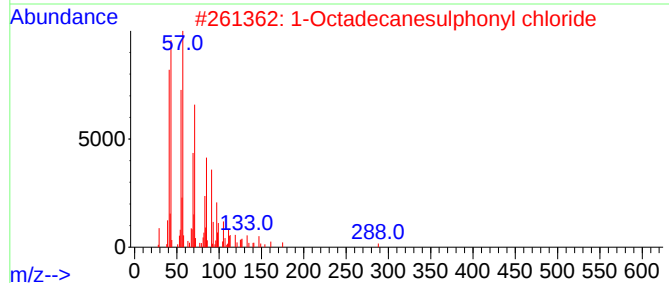
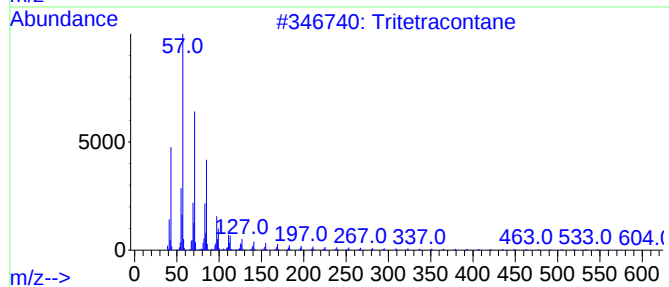
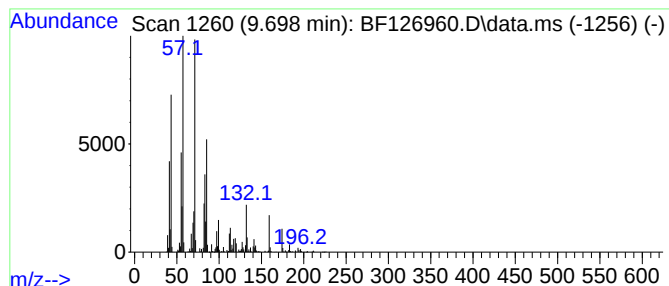
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TIC Integration Parameters: LSCINT.P

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Peak Number 10 Tritetracontane Concentration Rank 7

| R.T.  | EstConc  | Area    | Relative to ISTD | R.T.  |
|-------|----------|---------|------------------|-------|
| 9.698 | 91.41 ng | 4482360 | Acenaphthene-d10 | 9.986 |

| Hit# | of 5 | Tentative ID                       | MW  | MolForm     | CAS#         | Qual |
|------|------|------------------------------------|-----|-------------|--------------|------|
| 1    |      | Tritetracontane                    | 605 | C43H88      | 007098-21-7  | 64   |
| 2    |      | 1-Octadecanesulphonyl chloride     | 352 | C18H37ClO2S | 1000342-70-4 | 64   |
| 3    |      | Octadecane, 1-chloro-              | 288 | C18H37Cl    | 003386-33-2  | 64   |
| 4    |      | Carbonic acid, eicosyl vinyl ester | 368 | C23H44O3    | 1000382-54-3 | 64   |
| 5    |      | Dodecane                           | 170 | C12H26      | 000112-40-3  | 52   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF021822\  
Data File : BF126960.D  
Acq On : 18 Feb 2022 19:03  
Operator : CG\JU  
Sample : N1600-06  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
C0AA7

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

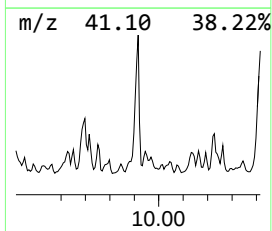
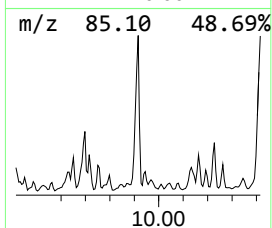
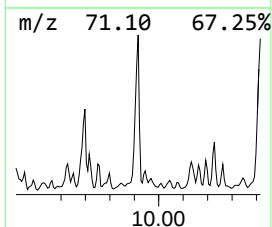
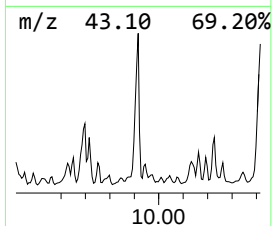
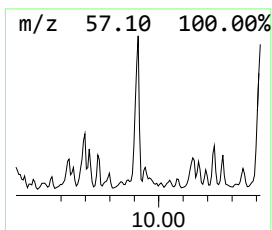
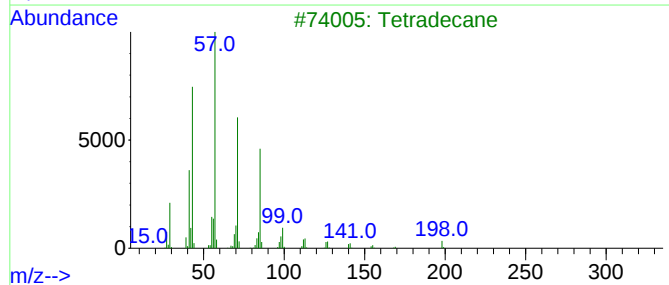
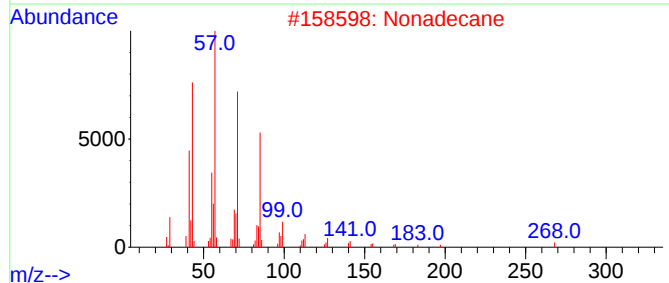
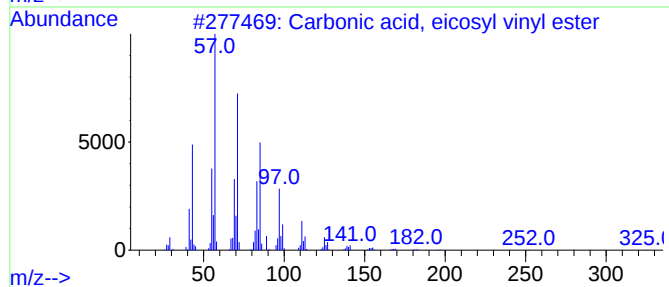
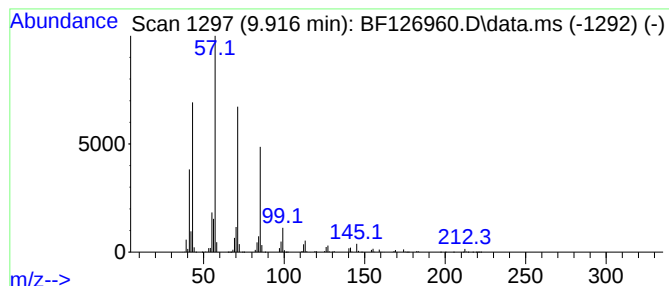
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 11 Carbonic acid, eicosyl vinyl... Concentration Rank 3

| R.T.  | EstConc   | Area    | Relative to ISTD | R.T.  |
|-------|-----------|---------|------------------|-------|
| 9.916 | 163.81 ng | 8032230 | Acenaphthene-d10 | 9.986 |

| Hit# | of 5 | Tentative ID                       | MW  | MolForm  | CAS#         | Qual |
|------|------|------------------------------------|-----|----------|--------------|------|
| 1    |      | Carbonic acid, eicosyl vinyl ester | 368 | C23H44O3 | 1000382-54-3 | 91   |
| 2    |      | Nonadecane                         | 268 | C19H40   | 000629-92-5  | 91   |
| 3    |      | Tetradecane                        | 198 | C14H30   | 000629-59-4  | 91   |
| 4    |      | Hexadecane                         | 226 | C16H34   | 000544-76-3  | 72   |
| 5    |      | Tridecane                          | 184 | C13H28   | 000629-50-5  | 64   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF021822\  
Data File : BF126960.D  
Acq On : 18 Feb 2022 19:03  
Operator : CG\JU  
Sample : N1600-06  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
C0AA7

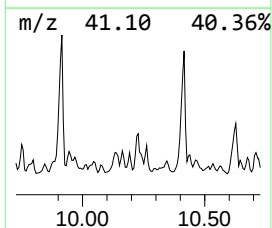
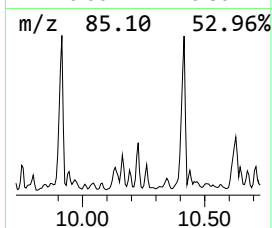
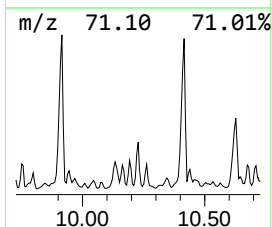
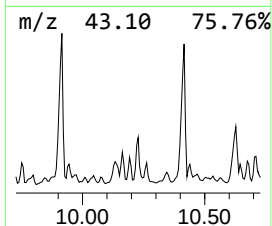
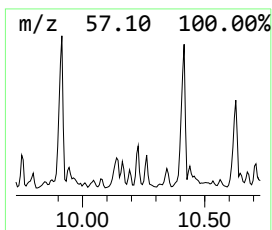
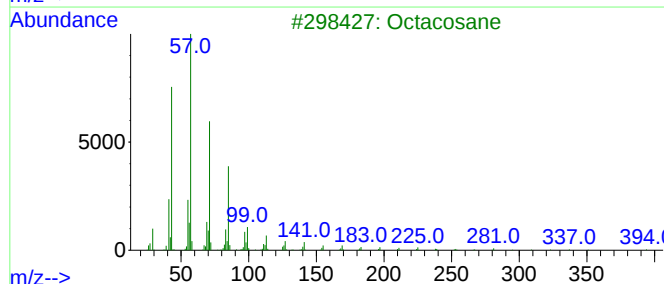
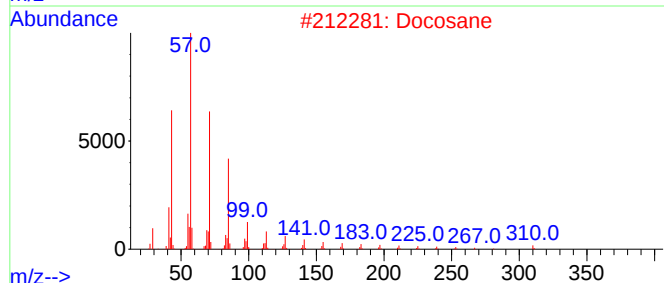
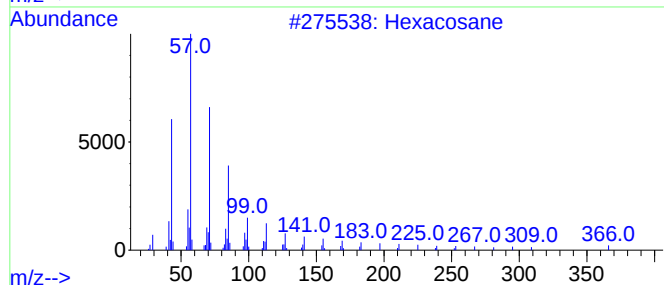
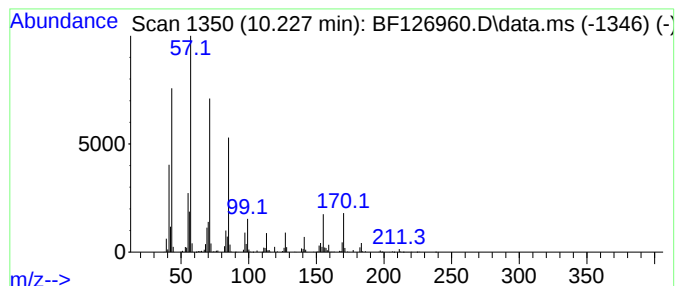
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 12 Hexacosane Concentration Rank 9

| R.T.   | EstConc  | Area    | Relative to ISTD | R.T.  |
|--------|----------|---------|------------------|-------|
| 10.227 | 71.63 ng | 3512480 | Acenaphthene-d10 | 9.986 |

| Hit# | of | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------|-----|---------|-------------|------|
| 1    |    |   | Hexacosane   | 366 | C26H54  | 000630-01-3 | 86   |
| 2    |    |   | Docosane     | 310 | C22H46  | 000629-97-0 | 86   |
| 3    |    |   | Octacosane   | 394 | C28H58  | 000630-02-4 | 86   |
| 4    |    |   | Heneicosane  | 296 | C21H44  | 000629-94-7 | 83   |
| 5    |    |   | Dodecane     | 170 | C12H26  | 000112-40-3 | 81   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF021822\  
Data File : BF126960.D  
Acq On : 18 Feb 2022 19:03  
Operator : CG\JU  
Sample : N1600-06  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
C0AA7

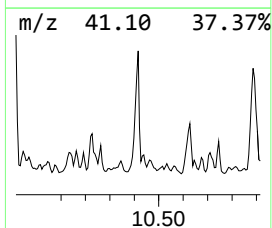
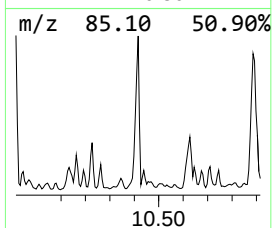
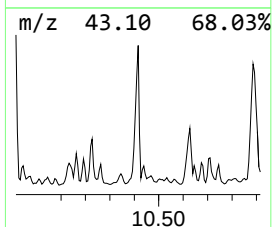
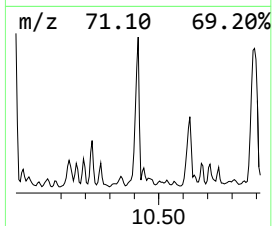
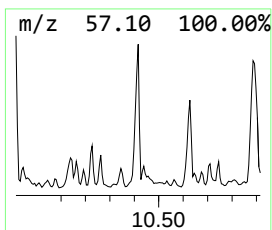
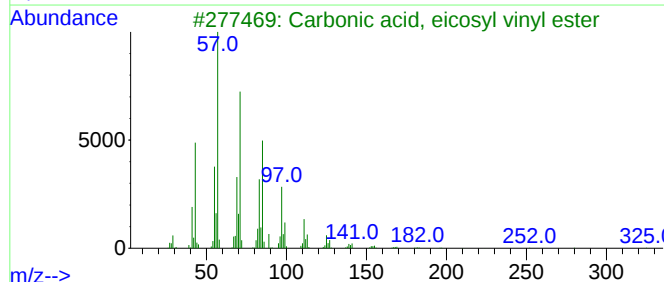
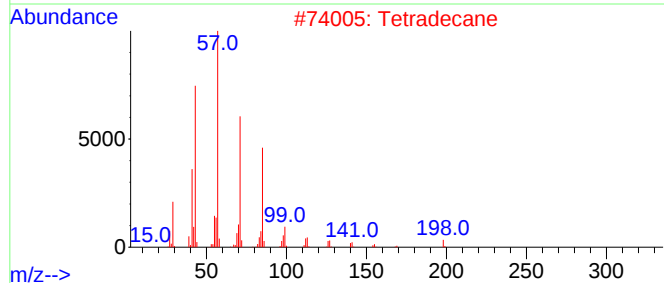
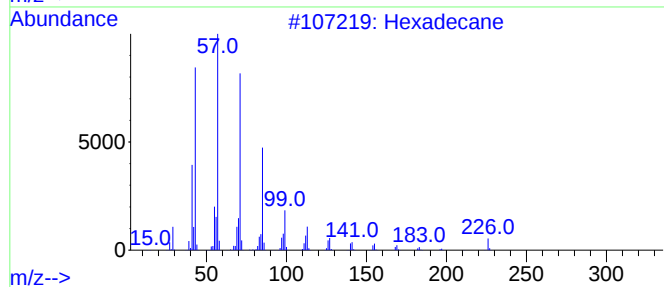
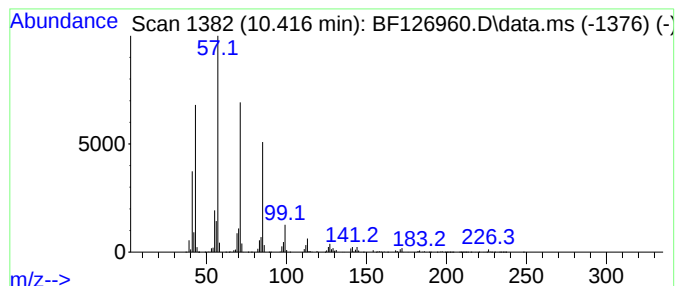
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 13 Hexadecane Concentration Rank 1

| R.T.   | EstConc   | Area    | Relative to ISTD | R.T.  |
|--------|-----------|---------|------------------|-------|
| 10.416 | 175.75 ng | 8617810 | Acenaphthene-d10 | 9.986 |

| Hit# | of | 5 | Tentative ID                         | MW  | MolForm   | CAS#         | Qual |
|------|----|---|--------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | Hexadecane                           | 226 | C16H34    | 000544-76-3  | 93   |
| 2    |    |   | Tetradecane                          | 198 | C14H30    | 000629-59-4  | 91   |
| 3    |    |   | Carbonic acid, eicosyl vinyl ester   | 368 | C23H44O3  | 1000382-54-3 | 91   |
| 4    |    |   | 3-Ethyl-2,6,10-trimethylundecane     | 226 | C16H34    | 1000432-25-9 | 90   |
| 5    |    |   | Sulfurous acid, 2-propyl tetradec... | 320 | C17H36O3S | 1010309-12-5 | 90   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF021822\  
Data File : BF126960.D  
Acq On : 18 Feb 2022 19:03  
Operator : CG\JU  
Sample : N1600-06  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
C0AA7

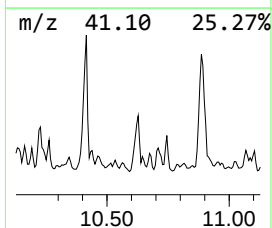
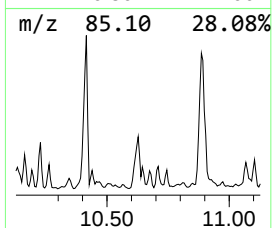
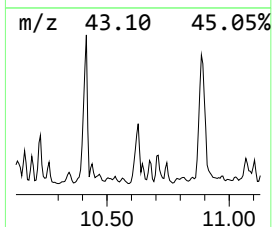
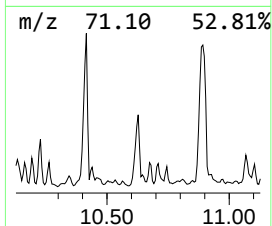
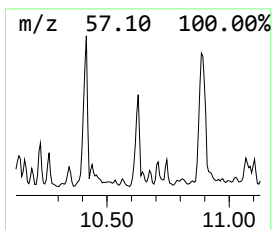
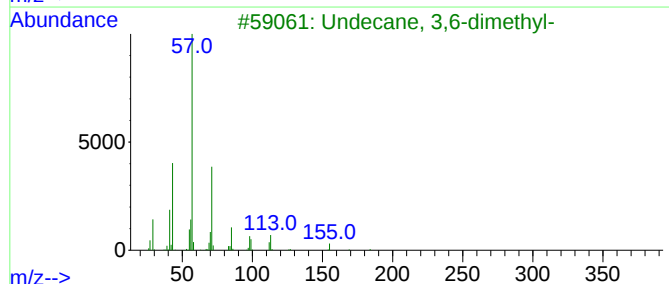
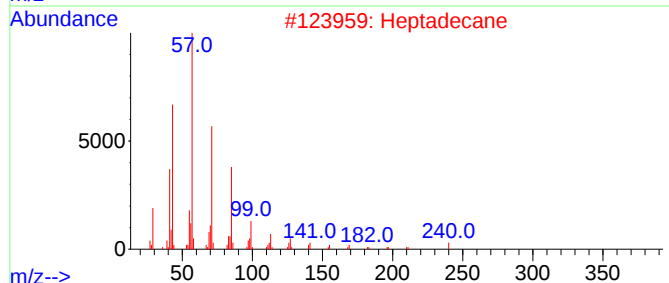
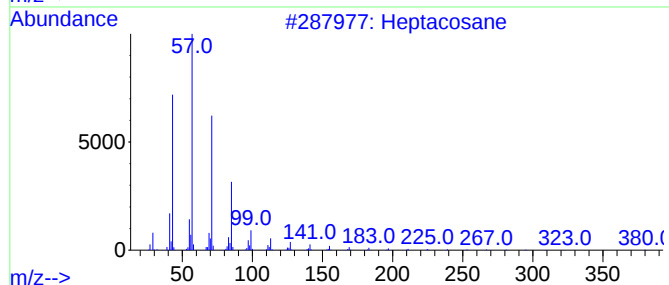
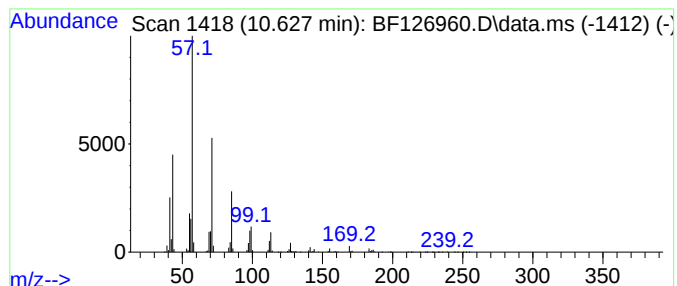
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 14 Heptacosane Concentration Rank 5

| R.T.   | EstConc   | Area    | Relative to ISTD | R.T.  |
|--------|-----------|---------|------------------|-------|
| 10.627 | 106.12 ng | 5203460 | Acenaphthene-d10 | 9.986 |

| Hit# | of | 5 | Tentative ID            | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------|-----|---------|-------------|------|
| 1    |    |   | Heptacosane             | 380 | C27H56  | 000593-49-7 | 86   |
| 2    |    |   | Heptadecane             | 240 | C17H36  | 000629-78-7 | 86   |
| 3    |    |   | Undecane, 3,6-dimethyl- | 184 | C13H28  | 017301-28-9 | 81   |
| 4    |    |   | Tridecane, 5-propyl-    | 226 | C16H34  | 055045-11-9 | 81   |
| 5    |    |   | Hexadecane              | 226 | C16H34  | 000544-76-3 | 80   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF021822\  
Data File : BF126960.D  
Acq On : 18 Feb 2022 19:03  
Operator : CG\JU  
Sample : N1600-06  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
C0AA7

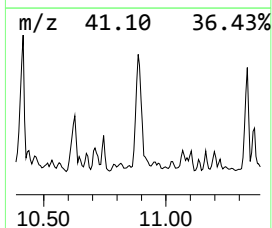
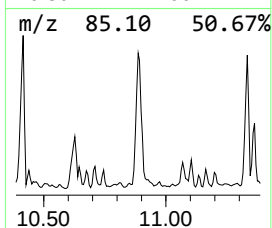
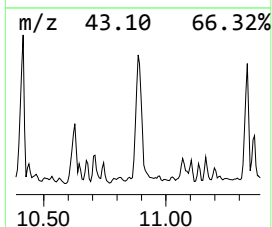
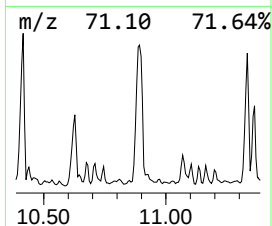
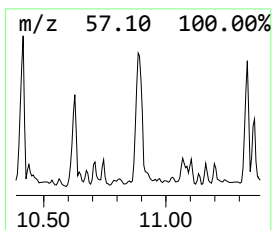
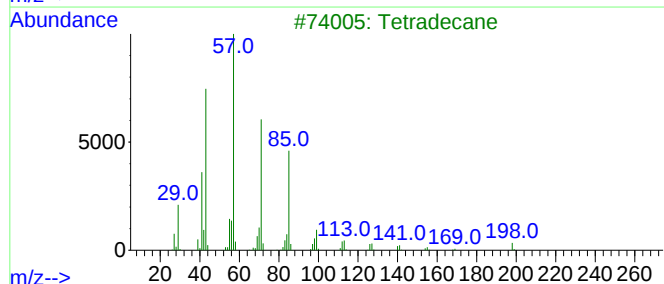
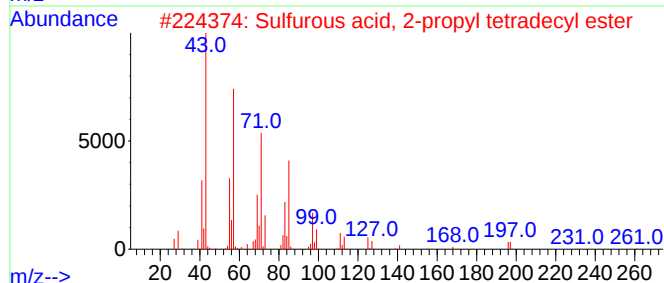
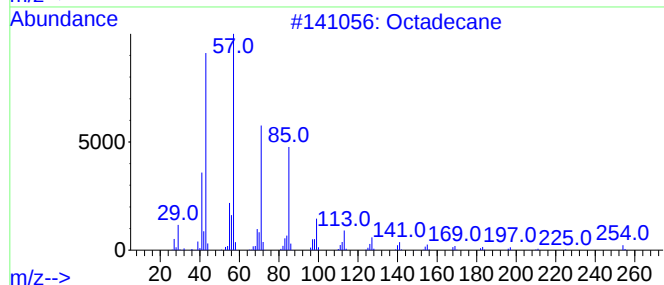
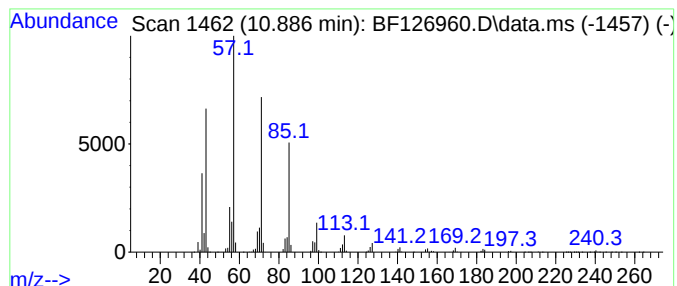
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 15 Octadecane Concentration Rank 2

| R.T.      | EstConc                              | Area     | Relative to ISTD | R.T.         |      |
|-----------|--------------------------------------|----------|------------------|--------------|------|
| 10.886    | 164.97 ng                            | 11280900 | Phenanthrene-d10 | 11.474       |      |
| Hit# of 5 | Tentative ID                         | MW       | MolForm          | CAS#         | Qual |
| 1         | Octadecane                           | 254      | C18H38           | 000593-45-3  | 91   |
| 2         | Sulfurous acid, 2-propyl tetradec... | 320      | C17H36O3S        | 1010309-12-5 | 90   |
| 3         | Tetradecane                          | 198      | C14H30           | 000629-59-4  | 90   |
| 4         | Hexadecane                           | 226      | C16H34           | 000544-76-3  | 90   |
| 5         | Heptadecane                          | 240      | C17H36           | 000629-78-7  | 87   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF021822\  
Data File : BF126960.D  
Acq On : 18 Feb 2022 19:03  
Operator : CG\JU  
Sample : N1600-06  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
C0AA7

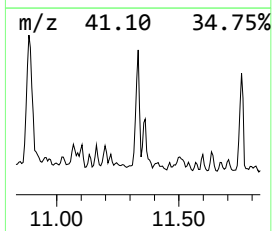
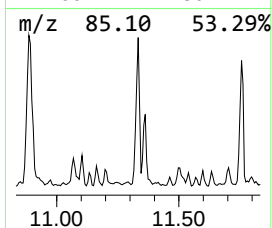
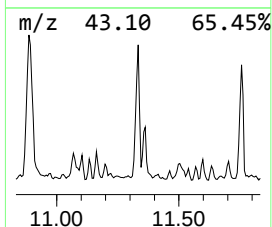
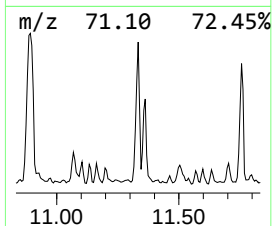
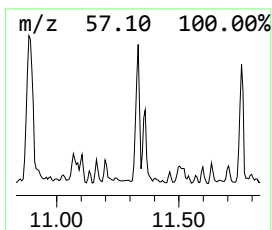
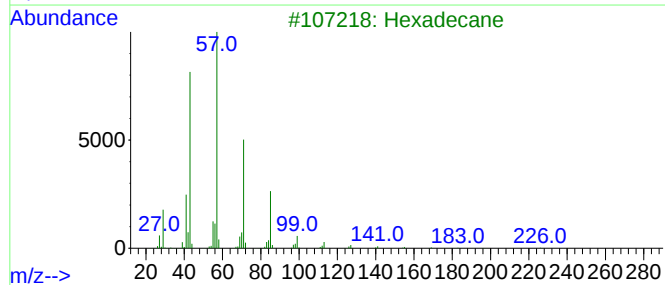
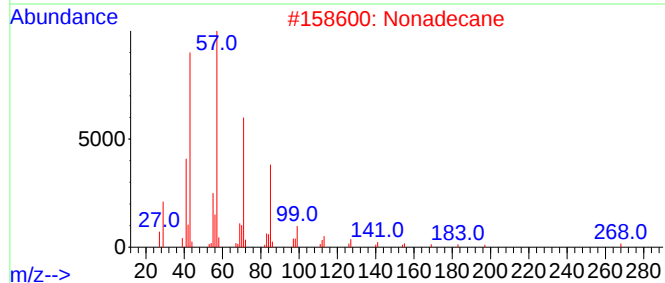
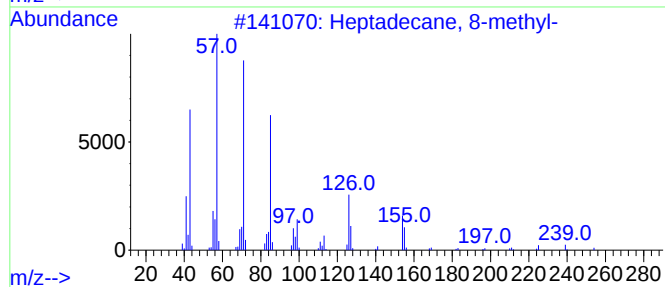
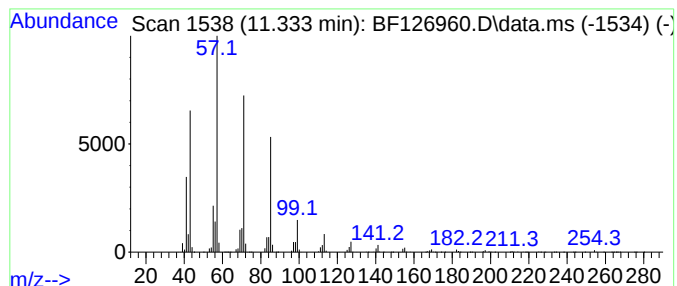
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 16 Heptadecane, 8-methyl- Concentration Rank 6

| R.T.      | EstConc                | Area    | Relative to ISTD | R.T.        |      |
|-----------|------------------------|---------|------------------|-------------|------|
| 11.333    | 93.20 ng               | 6373010 | Phenanthrene-d10 | 11.474      |      |
| Hit# of 5 | Tentative ID           | MW      | MolForm          | CAS#        | Qual |
| 1         | Heptadecane, 8-methyl- | 254     | C18H38           | 013287-23-5 | 93   |
| 2         | Nonadecane             | 268     | C19H40           | 000629-92-5 | 90   |
| 3         | Hexadecane             | 226     | C16H34           | 000544-76-3 | 90   |
| 4         | Hexadecane, 1-iodo-    | 352     | C16H33I          | 000544-77-4 | 90   |
| 5         | Heptadecane            | 240     | C17H36           | 000629-78-7 | 87   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF021822\  
Data File : BF126960.D  
Acq On : 18 Feb 2022 19:03  
Operator : CG\JU  
Sample : N1600-06  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
C0AA7

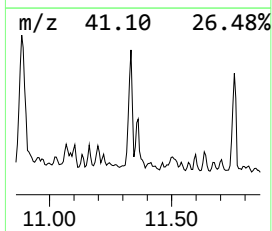
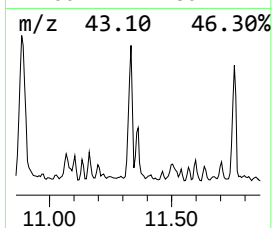
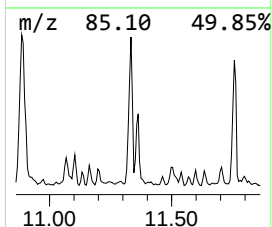
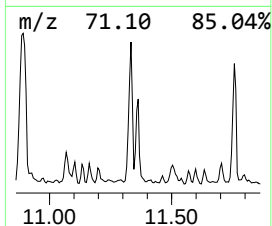
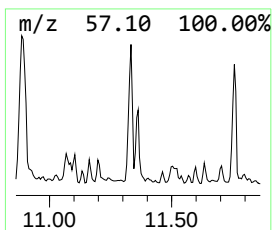
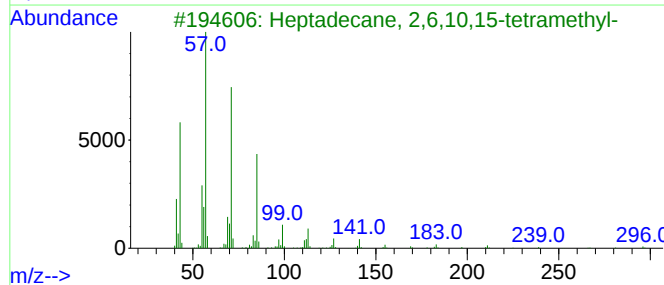
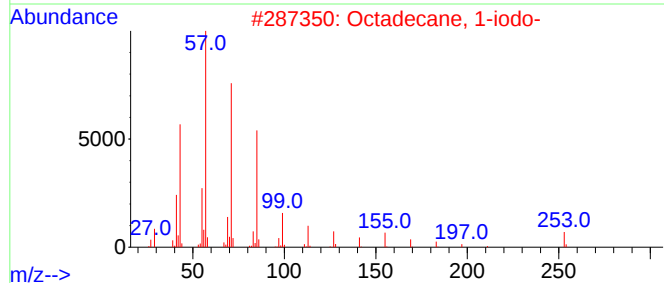
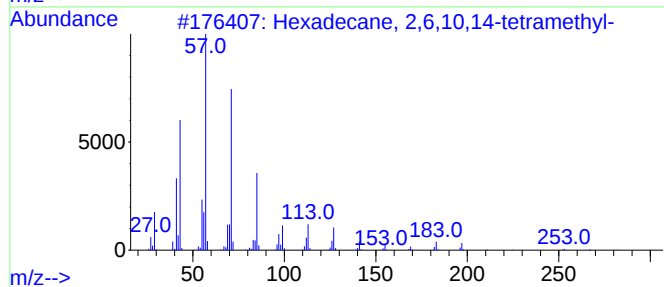
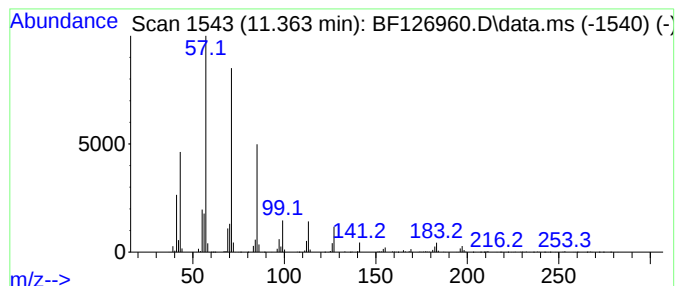
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 17 Hexadecane, 2,6,10,14-tetra... Concentration Rank 18

| R.T.      | EstConc                             | Area    | Relative to ISTD | R.T.        |      |
|-----------|-------------------------------------|---------|------------------|-------------|------|
| 11.363    | 55.98 ng                            | 3828010 | Phenanthrene-d10 | 11.474      |      |
| Hit# of 5 | Tentative ID                        | MW      | MolForm          | CAS#        | Qual |
| 1         | Hexadecane, 2,6,10,14-tetramethyl-  | 282     | C20H42           | 000638-36-8 | 90   |
| 2         | Octadecane, 1-iodo-                 | 380     | C18H37I          | 000629-93-6 | 90   |
| 3         | Heptadecane, 2,6,10,15-tetramethyl- | 296     | C21H44           | 054833-48-6 | 87   |
| 4         | Hexadecane                          | 226     | C16H34           | 000544-76-3 | 87   |
| 5         | Pentadecane, 4-methyl-              | 226     | C16H34           | 002801-87-8 | 86   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF021822\  
Data File : BF126960.D  
Acq On : 18 Feb 2022 19:03  
Operator : CG\JU  
Sample : N1600-06  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
C0AA7

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

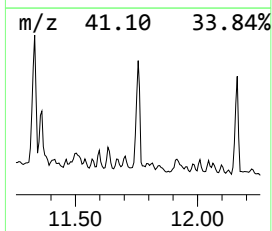
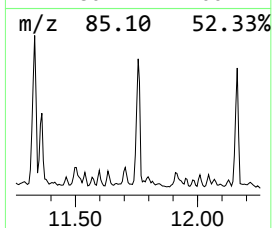
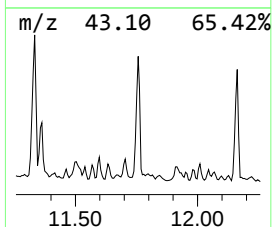
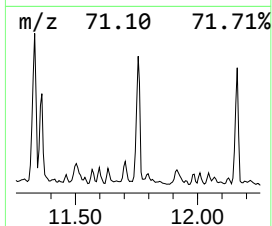
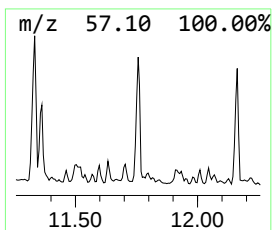
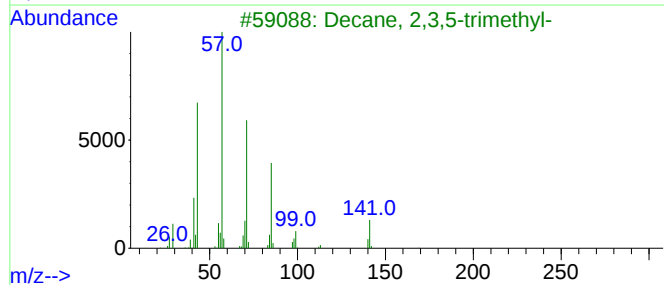
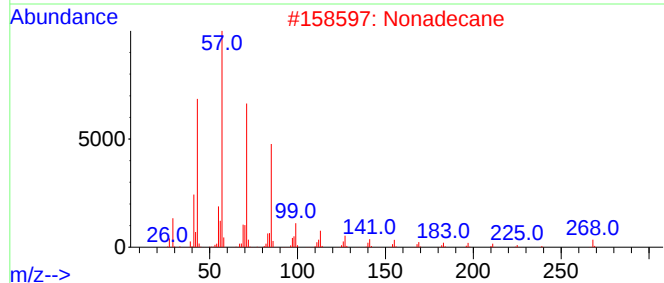
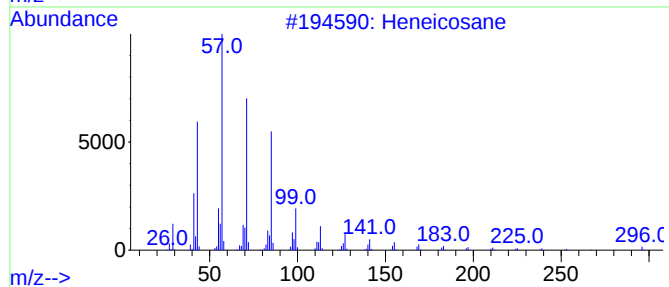
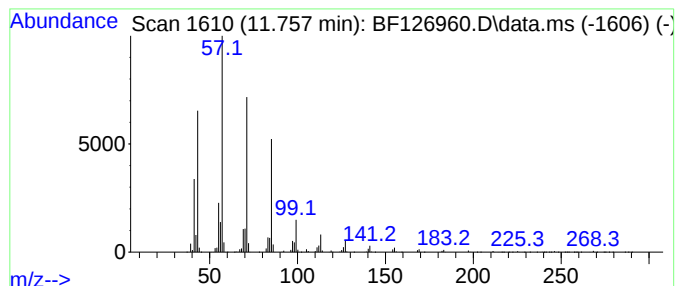
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TIC Integration Parameters: LSCINT.P

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Peak Number 18 Heneicosane Concentration Rank 8

| R.T.   | EstConc  | Area    | Relative to ISTD | R.T.   |
|--------|----------|---------|------------------|--------|
| 11.757 | 77.18 ng | 5277800 | Phenanthrene-d10 | 11.474 |

| Hit# | of 5 | Tentative ID             | MW  | MolForm | CAS#        | Qual |
|------|------|--------------------------|-----|---------|-------------|------|
| 1    |      | Heneicosane              | 296 | C21H44  | 000629-94-7 | 91   |
| 2    |      | Nonadecane               | 268 | C19H40  | 000629-92-5 | 91   |
| 3    |      | Decane, 2,3,5-trimethyl- | 184 | C13H28  | 062238-11-3 | 90   |
| 4    |      | Hexadecane               | 226 | C16H34  | 000544-76-3 | 90   |
| 5    |      | Hexadecane, 1-iodo-      | 352 | C16H33I | 000544-77-4 | 90   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF021822\  
Data File : BF126960.D  
Acq On : 18 Feb 2022 19:03  
Operator : CG\JU  
Sample : N1600-06  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
C0AA7

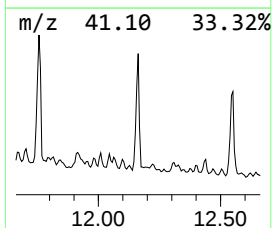
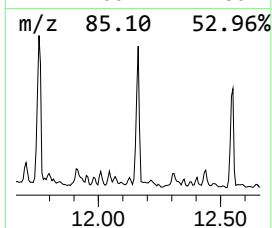
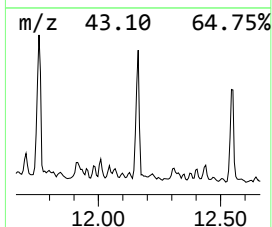
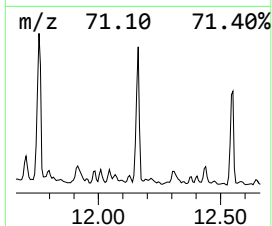
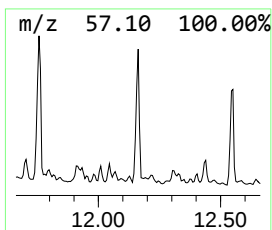
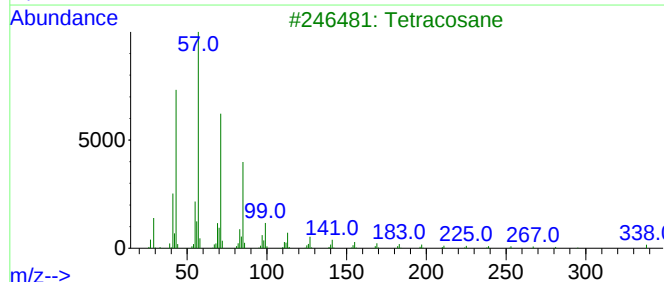
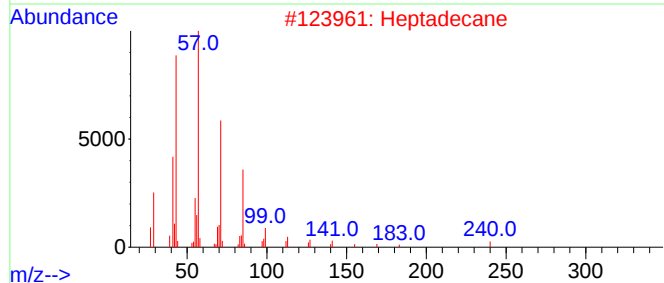
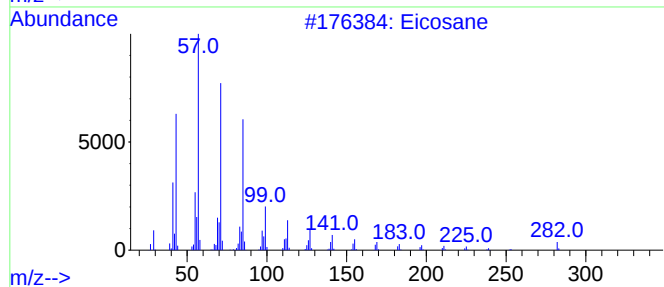
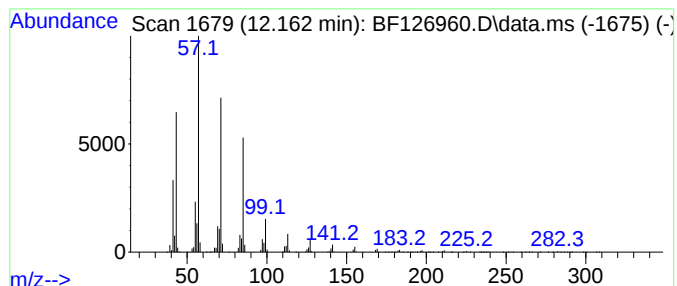
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 19 Eicosane Concentration Rank 14

| R.T.      | EstConc      | Area    | Relative to ISTD |         | R.T.        |      |
|-----------|--------------|---------|------------------|---------|-------------|------|
| 12.163    | 65.12 ng     | 4452970 | Phenanthrene-d10 |         | 11.474      |      |
| Hit# of 5 | Tentative ID |         | MW               | MolForm | CAS#        | Qual |
| 1         | Eicosane     |         | 282              | C20H42  | 000112-95-8 | 97   |
| 2         | Heptadecane  |         | 240              | C17H36  | 000629-78-7 | 95   |
| 3         | Tetracosane  |         | 338              | C24H50  | 000646-31-1 | 91   |
| 4         | Nonadecane   |         | 268              | C19H40  | 000629-92-5 | 90   |
| 5         | Heptacosane  |         | 380              | C27H56  | 000593-49-7 | 87   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF021822\  
Data File : BF126960.D  
Acq On : 18 Feb 2022 19:03  
Operator : CG\JU  
Sample : N1600-06  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
C0AA7

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

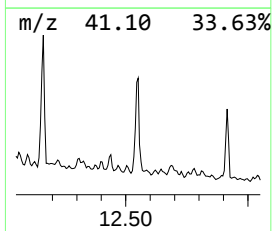
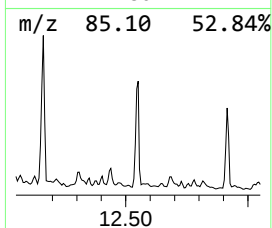
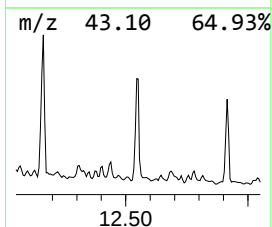
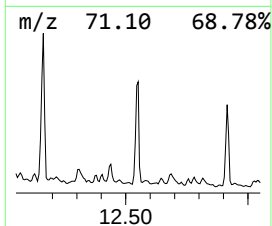
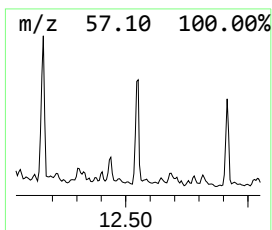
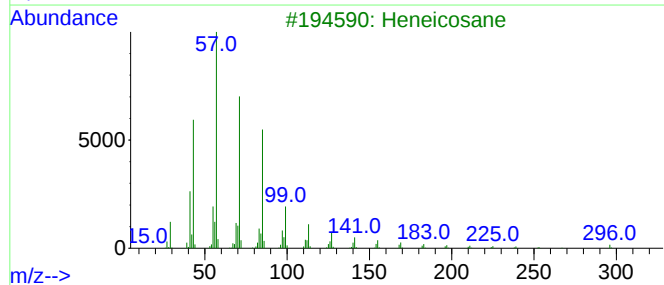
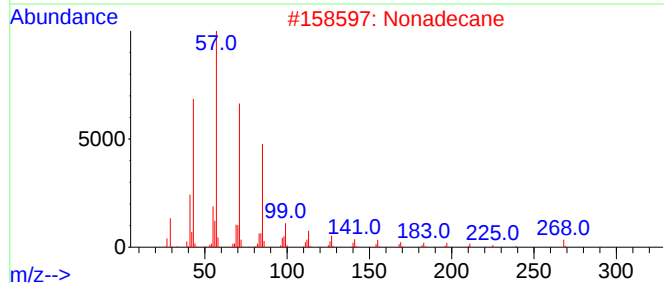
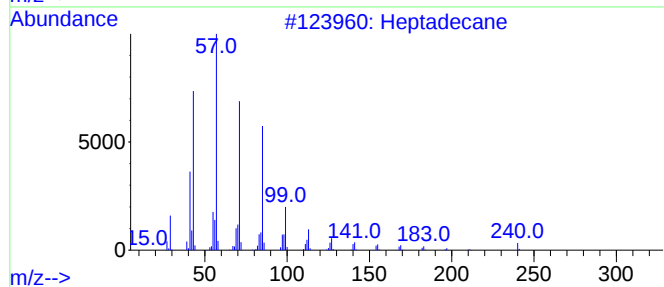
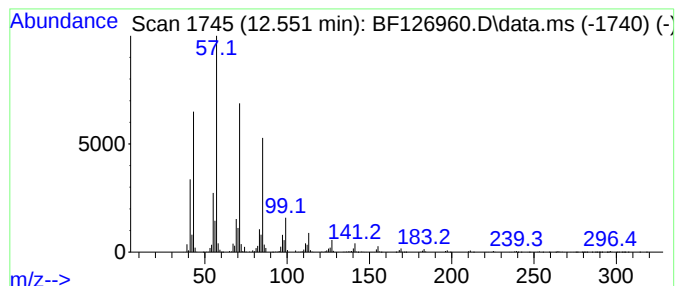
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Peak Number 20 Heptadecane Concentration Rank 17

| R.T.   | EstConc  | Area    | Relative to ISTD | R.T.   |
|--------|----------|---------|------------------|--------|
| 12.551 | 61.39 ng | 4198050 | Phenanthrene-d10 | 11.474 |

| Hit# | of 5 | Tentative ID                 | MW  | MolForm | CAS#        | Qual |
|------|------|------------------------------|-----|---------|-------------|------|
| 1    |      | Heptadecane                  | 240 | C17H36  | 000629-78-7 | 97   |
| 2    |      | Nonadecane                   | 268 | C19H40  | 000629-92-5 | 93   |
| 3    |      | Heneicosane                  | 296 | C21H44  | 000629-94-7 | 91   |
| 4    |      | Dodecane, 2-methyl-6-propyl- | 226 | C16H34  | 055045-08-4 | 91   |
| 5    |      | Hexacosane                   | 366 | C26H54  | 000630-01-3 | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF021822\  
Data File : BF126960.D  
Acq On : 18 Feb 2022 19:03  
Operator : CG\JU  
Sample : N1600-06  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
C0AA7

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 |
| Carbonic acid, ... | 6.769  | 54.2    | ng    | 5846260  | 1                     | 6.933  | 2155620 | 20.0 |
| unknown7.892       | 7.892  | 53.0    | ng    | 3738270  | 2                     | 8.222  | 1409700 | 20.0 |
| Benzene, 2-ethe... | 7.957  | 64.3    | ng    | 4530980  | 2                     | 8.222  | 1409700 | 20.0 |
| unknown8.510       | 8.510  | 65.6    | ng    | 4626410  | 2                     | 8.222  | 1409700 | 20.0 |
| Naphthalene, 1,... | 8.727  | 64.7    | ng    | 4558680  | 2                     | 8.222  | 1409700 | 20.0 |
| Tridecane          | 8.816  | 140.3   | ng    | 9889050  | 2                     | 8.222  | 1409700 | 20.0 |
| unknown9.169       | 9.169  | 66.7    | ng    | 3272290  | 3                     | 9.986  | 980670  | 20.0 |
| Dodecane, 2,6,1... | 9.239  | 71.6    | ng    | 3512130  | 3                     | 9.986  | 980670  | 20.0 |
| unknown9.633       | 9.633  | 66.9    | ng    | 3279740  | 3                     | 9.986  | 980670  | 20.0 |
| Tritetracontane    | 9.698  | 91.4    | ng    | 4482360  | 3                     | 9.986  | 980670  | 20.0 |
| Carbonic acid, ... | 9.916  | 163.8   | ng    | 8032230  | 3                     | 9.986  | 980670  | 20.0 |
| Hexacosane         | 10.227 | 71.6    | ng    | 3512480  | 3                     | 9.986  | 980670  | 20.0 |
| Hexadecane         | 10.416 | 175.8   | ng    | 8617810  | 3                     | 9.986  | 980670  | 20.0 |
| Heptacosane        | 10.627 | 106.1   | ng    | 5203460  | 3                     | 9.986  | 980670  | 20.0 |
| Octadecane         | 10.886 | 165.0   | ng    | 11280900 | 4                     | 11.474 | 1367590 | 20.0 |
| Heptadecane, 8-... | 11.333 | 93.2    | ng    | 6373010  | 4                     | 11.474 | 1367590 | 20.0 |
| Hexadecane, 2,6... | 11.363 | 56.0    | ng    | 3828010  | 4                     | 11.474 | 1367590 | 20.0 |
| Heneicosane        | 11.757 | 77.2    | ng    | 5277800  | 4                     | 11.474 | 1367590 | 20.0 |
| Eicosane           | 12.163 | 65.1    | ng    | 4452970  | 4                     | 11.474 | 1367590 | 20.0 |
| Heptadecane        | 12.551 | 61.4    | ng    | 4198050  | 4                     | 11.474 | 1367590 | 20.0 |