

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF032422\  
 Data File : BF127500.D  
 Acq On : 24 Mar 2022 14:00  
 Operator : CG\JU  
 Sample : N2062-02  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MW-2R

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-BF032122.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF127500.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         | 5.075       | 471           | 474         | 489          | rVB2     | 31150          | 54806         | 1.80%           | 0.194%        |
| 2         | 5.469       | 538           | 541         | 555          | rBV      | 1361441        | 1411674       | 46.44%          | 5.009%        |
| 3         | 6.481       | 710           | 713         | 728          | rBV      | 913378         | 932978        | 30.69%          | 3.311%        |
| 4         | 6.845       | 772           | 775         | 779          | rBV      | 681155         | 568865        | 18.72%          | 2.019%        |
| 5         | 6.998       | 799           | 801         | 802          | rBV      | 50043          | 36355         | 1.20%           | 0.129%        |
| 6         | 7.022       | 802           | 805         | 809          | rVB      | 892920         | 710008        | 23.36%          | 2.519%        |
| 7         | 7.087       | 813           | 816         | 819          | rBV      | 275841         | 214156        | 7.05%           | 0.760%        |
| 8         | 7.181       | 827           | 832         | 834          | rBV2     | 59932          | 67581         | 2.22%           | 0.240%        |
| 9         | 7.375       | 858           | 865         | 867          | rBV      | 210418         | 205423        | 6.76%           | 0.729%        |
| 10        | 7.416       | 867           | 872         | 875          | rVV2     | 2183213        | 2286317       | 75.22%          | 8.113%        |
| 11        | 7.481       | 878           | 883         | 886          | rVV4     | 88013          | 101772        | 3.35%           | 0.361%        |
| 12        | 7.528       | 886           | 891         | 895          | rVV2     | 87767          | 87455         | 2.88%           | 0.310%        |
| 13        | 7.581       | 896           | 900         | 903          | rVV6     | 33361          | 49254         | 1.62%           | 0.175%        |
| 14        | 7.610       | 903           | 905         | 909          | rVB2     | 89464          | 83325         | 2.74%           | 0.296%        |
| 15        | 7.645       | 909           | 911         | 915          | rVB4     | 40179          | 37811         | 1.24%           | 0.134%        |
| 16        | 7.687       | 915           | 918         | 920          | rBV      | 70331          | 54310         | 1.79%           | 0.193%        |
| 17        | 7.722       | 920           | 924         | 928          | rVB4     | 47145          | 63535         | 2.09%           | 0.225%        |
| 18        | 7.769       | 928           | 932         | 935          | rBV3     | 142101         | 181391        | 5.97%           | 0.644%        |
| 19        | 7.804       | 935           | 938         | 941          | rVB3     | 76480          | 89206         | 2.93%           | 0.317%        |
| 20        | 7.857       | 944           | 947         | 951          | rBV      | 435014         | 449572        | 14.79%          | 1.595%        |
| 21        | 7.934       | 957           | 960         | 962          | rBV3     | 85043          | 89704         | 2.95%           | 0.318%        |
| 22        | 7.957       | 962           | 964         | 967          | rVV2     | 59278          | 66171         | 2.18%           | 0.235%        |
| 23        | 7.987       | 967           | 969         | 972          | rVB2     | 50923          | 47660         | 1.57%           | 0.169%        |
| 24        | 8.016       | 972           | 974         | 977          | rBV3     | 33800          | 36506         | 1.20%           | 0.130%        |
| 25        | 8.063       | 978           | 982         | 986          | rBV4     | 99105          | 144210        | 4.74%           | 0.512%        |
| 26        | 8.128       | 986           | 993         | 998          | rVV2     | 885066         | 1258779       | 41.41%          | 4.467%        |
| 27        | 8.169       | 998           | 1000        | 1004         | rVB2     | 497720         | 409953        | 13.49%          | 1.455%        |
| 28        | 8.210       | 1004          | 1007        | 1009         | rBV3     | 36835          | 36763         | 1.21%           | 0.130%        |
| 29        | 8.234       | 1009          | 1011        | 1015         | rVV4     | 61371          | 71075         | 2.34%           | 0.252%        |
| 30        | 8.298       | 1020          | 1022        | 1024         | rBV      | 59803          | 52804         | 1.74%           | 0.187%        |
| 31        | 8.322       | 1024          | 1026        | 1028         | rBV2     | 174572         | 128158        | 4.22%           | 0.455%        |
| 32        | 8.369       | 1031          | 1034        | 1037         | rBV      | 218224         | 163782        | 5.39%           | 0.581%        |
| 33        | 8.404       | 1037          | 1040        | 1042         | rBV2     | 73521          | 73246         | 2.41%           | 0.260%        |
| 34        | 8.510       | 1054          | 1058        | 1060         | rBV      | 173295         | 178467        | 5.87%           | 0.633%        |
| 35        | 8.534       | 1060          | 1062        | 1064         | rVB      | 161237         | 113977        | 3.75%           | 0.404%        |
| 36        | 8.557       | 1064          | 1066        | 1068         | rBV2     | 56968          | 59103         | 1.94%           | 0.210%        |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF032422\  
 Data File : BF127500.D  
 Acq On : 24 Mar 2022 14:00  
 Operator : CG\JU  
 Sample : N2062-02  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MW-2R

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-BF032122.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|    |        |      |      |      |      |         |         |         |         |
|----|--------|------|------|------|------|---------|---------|---------|---------|
| 37 | 8.592  | 1069 | 1072 | 1076 | rVV2 | 166354  | 175310  | 5.77%   | 0.622%  |
| 38 | 8.681  | 1083 | 1087 | 1090 | rVB2 | 184809  | 226445  | 7.45%   | 0.804%  |
| 39 | 8.716  | 1090 | 1093 | 1097 | rBV4 | 127376  | 181162  | 5.96%   | 0.643%  |
| 40 | 8.751  | 1097 | 1099 | 1101 | rVV2 | 61197   | 64489   | 2.12%   | 0.229%  |
| 41 | 8.786  | 1103 | 1105 | 1108 | rVV3 | 186985  | 176269  | 5.80%   | 0.625%  |
| 42 | 8.816  | 1108 | 1110 | 1114 | rVB3 | 114489  | 113505  | 3.73%   | 0.403%  |
| 43 | 8.875  | 1117 | 1120 | 1121 | rBV2 | 82334   | 85812   | 2.82%   | 0.305%  |
| 44 | 8.916  | 1125 | 1127 | 1130 | rVV2 | 91632   | 101040  | 3.32%   | 0.359%  |
| 45 | 8.945  | 1130 | 1132 | 1134 | rVV  | 243431  | 183188  | 6.03%   | 0.650%  |
| 46 | 8.969  | 1134 | 1136 | 1137 | rVB  | 70232   | 45210   | 1.49%   | 0.160%  |
| 47 | 9.133  | 1162 | 1164 | 1167 | rBV  | 355408  | 290574  | 9.56%   | 1.031%  |
| 48 | 9.163  | 1167 | 1169 | 1172 | rVV2 | 119418  | 142993  | 4.70%   | 0.507%  |
| 49 | 9.204  | 1172 | 1176 | 1179 | rVB  | 3269265 | 3039549 | 100.00% | 10.786% |
| 50 | 9.239  | 1179 | 1182 | 1185 | rBV4 | 142518  | 155884  | 5.13%   | 0.553%  |
| 51 | 9.275  | 1185 | 1188 | 1191 | rVB2 | 137451  | 157562  | 5.18%   | 0.559%  |
| 52 | 9.322  | 1191 | 1196 | 1198 | rBV5 | 146204  | 256122  | 8.43%   | 0.909%  |
| 53 | 9.345  | 1198 | 1200 | 1203 | rVV2 | 232628  | 223875  | 7.37%   | 0.794%  |
| 54 | 9.381  | 1203 | 1206 | 1209 | rVB5 | 89986   | 100676  | 3.31%   | 0.357%  |
| 55 | 9.463  | 1217 | 1220 | 1223 | rBV3 | 98606   | 164354  | 5.41%   | 0.583%  |
| 56 | 9.522  | 1227 | 1230 | 1233 | rVV4 | 108354  | 153017  | 5.03%   | 0.543%  |
| 57 | 9.557  | 1233 | 1236 | 1238 | rVV  | 213758  | 219352  | 7.22%   | 0.778%  |
| 58 | 9.592  | 1238 | 1242 | 1245 | rVB2 | 379713  | 417238  | 13.73%  | 1.481%  |
| 59 | 9.657  | 1250 | 1253 | 1255 | rBV2 | 138577  | 146551  | 4.82%   | 0.520%  |
| 60 | 9.745  | 1265 | 1268 | 1269 | rBV3 | 114881  | 109925  | 3.62%   | 0.390%  |
| 61 | 9.763  | 1269 | 1271 | 1273 | rVV3 | 69019   | 66778   | 2.20%   | 0.237%  |
| 62 | 9.886  | 1289 | 1292 | 1295 | rBV  | 907002  | 729460  | 24.00%  | 2.588%  |
| 63 | 10.122 | 1330 | 1332 | 1336 | rVB4 | 163553  | 173146  | 5.70%   | 0.614%  |
| 64 | 10.198 | 1342 | 1345 | 1350 | rBV3 | 271184  | 338450  | 11.13%  | 1.201%  |
| 65 | 10.245 | 1351 | 1353 | 1355 | rBV2 | 90755   | 89986   | 2.96%   | 0.319%  |
| 66 | 10.310 | 1362 | 1364 | 1365 | rBV  | 101273  | 81634   | 2.69%   | 0.290%  |
| 67 | 10.498 | 1394 | 1396 | 1398 | rBV  | 340020  | 313335  | 10.31%  | 1.112%  |
| 68 | 10.522 | 1398 | 1400 | 1403 | rVV  | 438698  | 362273  | 11.92%  | 1.286%  |
| 69 | 10.575 | 1406 | 1409 | 1412 | rBV5 | 157821  | 203021  | 6.68%   | 0.720%  |
| 70 | 10.645 | 1418 | 1421 | 1424 | rBV2 | 216348  | 210637  | 6.93%   | 0.747%  |
| 71 | 10.686 | 1424 | 1428 | 1430 | rBV  | 1525123 | 1572930 | 51.75%  | 5.582%  |
| 72 | 10.786 | 1442 | 1445 | 1448 | rBV  | 701728  | 634659  | 20.88%  | 2.252%  |
| 73 | 10.816 | 1448 | 1450 | 1452 | rVB  | 206015  | 158953  | 5.23%   | 0.564%  |
| 74 | 10.869 | 1457 | 1459 | 1461 | rBV  | 122924  | 131072  | 4.31%   | 0.465%  |
| 75 | 11.016 | 1481 | 1484 | 1486 | rBV  | 149217  | 136739  | 4.50%   | 0.485%  |
| 76 | 11.180 | 1510 | 1512 | 1517 | rBV3 | 104098  | 110868  | 3.65%   | 0.393%  |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF032422\  
 Data File : BF127500.D  
 Acq On : 24 Mar 2022 14:00  
 Operator : CG\JU  
 Sample : N2062-02  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MW-2R

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-BF032122.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 77 | 11.251 | 1521 | 1524 | 1527 | rVB  | 328176  | 295666  | 9.73%  | 1.049% |
| 78 | 11.363 | 1540 | 1543 | 1544 | rBV  | 245206  | 251919  | 8.29%  | 0.894% |
| 79 | 11.380 | 1544 | 1546 | 1549 | rVB  | 715843  | 557680  | 18.35% | 1.979% |
| 80 | 11.498 | 1563 | 1566 | 1569 | rVB2 | 216128  | 244512  | 8.04%  | 0.868% |
| 81 | 11.751 | 1606 | 1609 | 1612 | rVB2 | 244989  | 245020  | 8.06%  | 0.869% |
| 82 | 11.904 | 1633 | 1635 | 1639 | rVB2 | 147000  | 191817  | 6.31%  | 0.681% |
| 83 | 12.463 | 1727 | 1730 | 1733 | rVB  | 332661  | 253016  | 8.32%  | 0.898% |
| 84 | 12.963 | 1811 | 1815 | 1818 | rBV  | 2379072 | 2052823 | 67.54% | 7.284% |
| 85 | 13.880 | 1967 | 1971 | 1977 | rVB2 | 94767   | 160200  | 5.27%  | 0.568% |
| 86 | 14.027 | 1992 | 1996 | 2002 | rVB  | 567268  | 507061  | 16.68% | 1.799% |
| 87 | 15.510 | 2243 | 2248 | 2257 | rVB  | 425857  | 560912  | 18.45% | 1.990% |

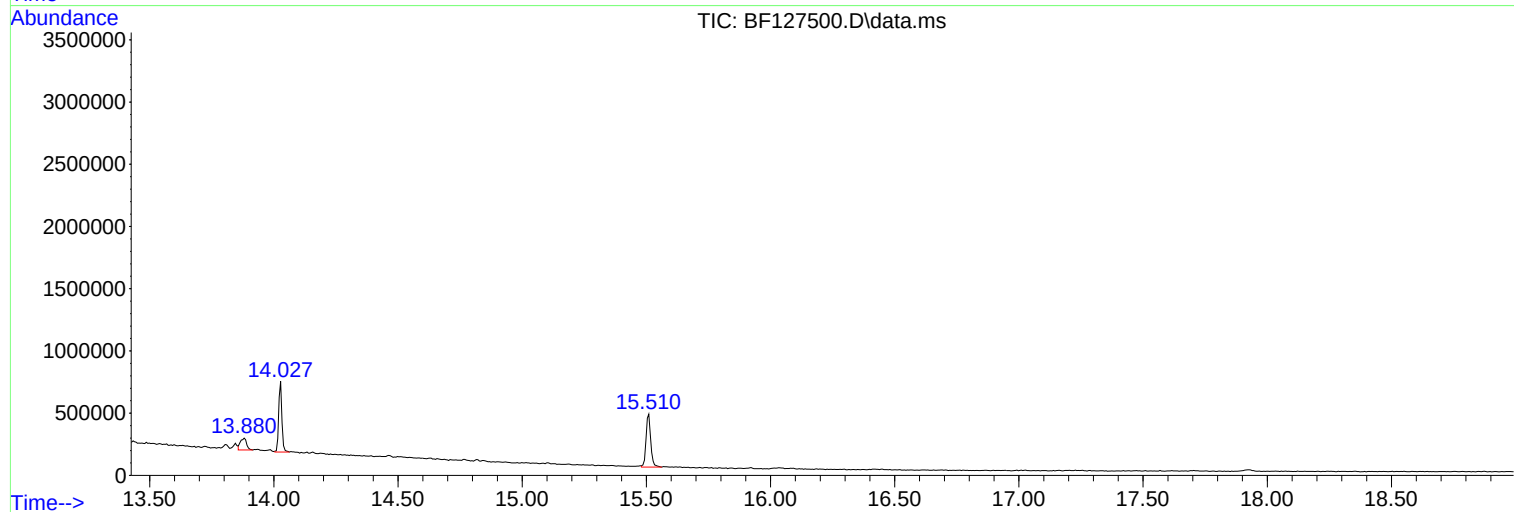
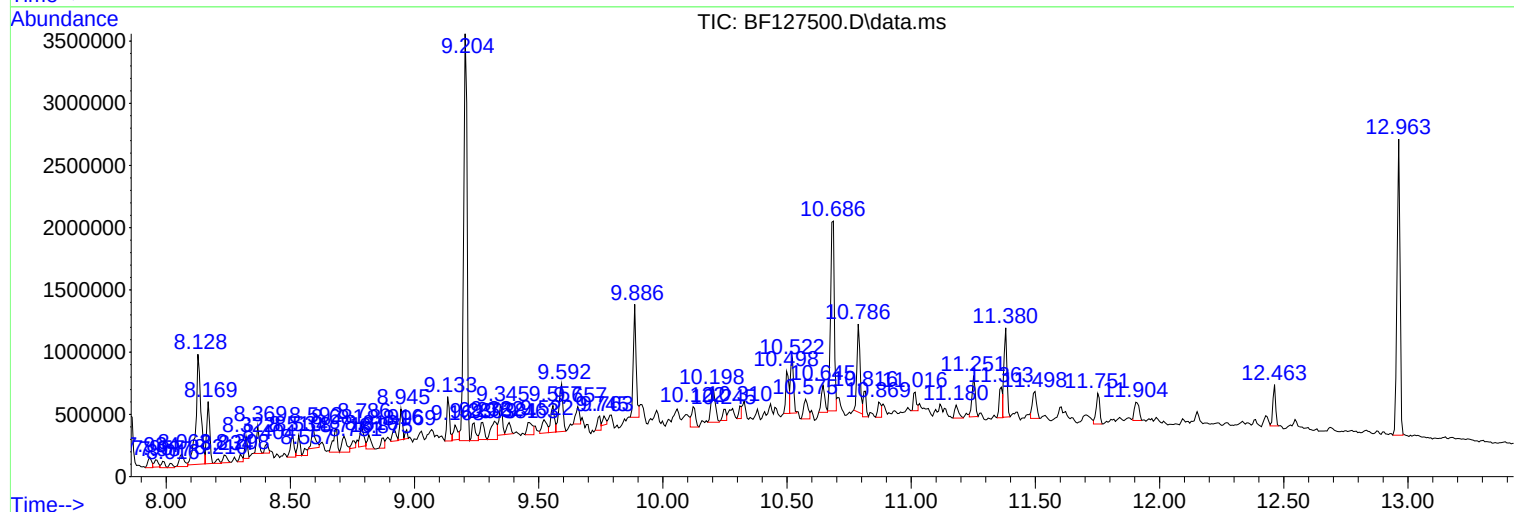
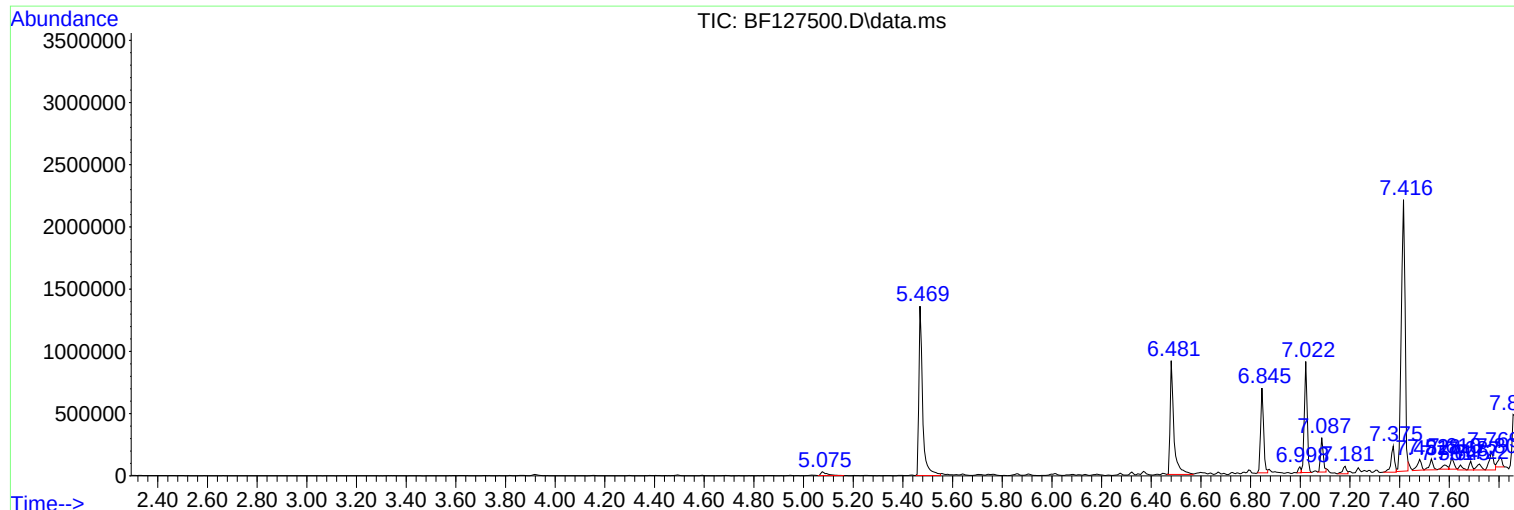
Sum of corrected areas: 28180821

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF032422\  
Data File : BF127500.D  
Acq On : 24 Mar 2022 14:00  
Operator : CG\JU  
Sample : N2062-02  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
MW-2R

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF032122.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\BF032422\  
Data File : BF127500.D  
Acq On : 24 Mar 2022 14:00  
Operator : CG\JU  
Sample : N2062-02  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
MW-2R

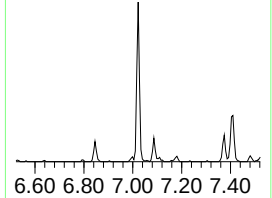
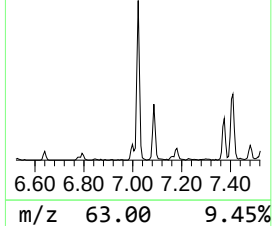
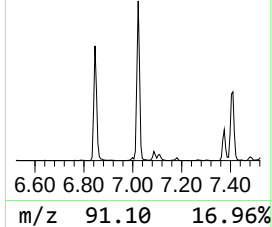
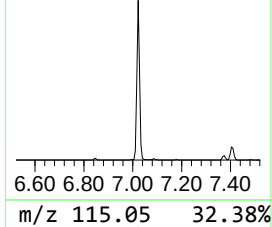
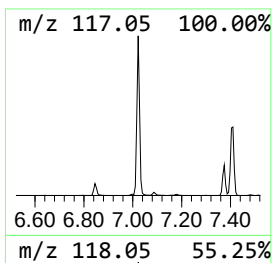
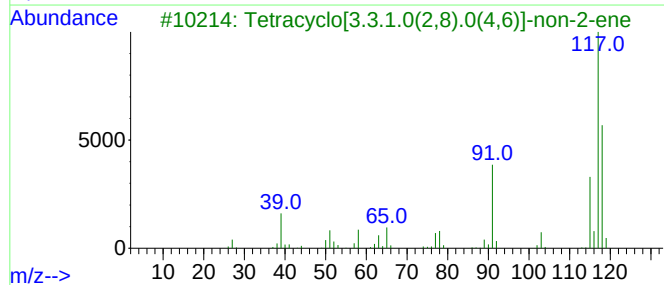
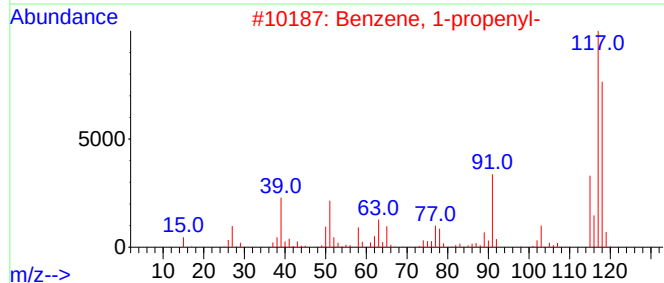
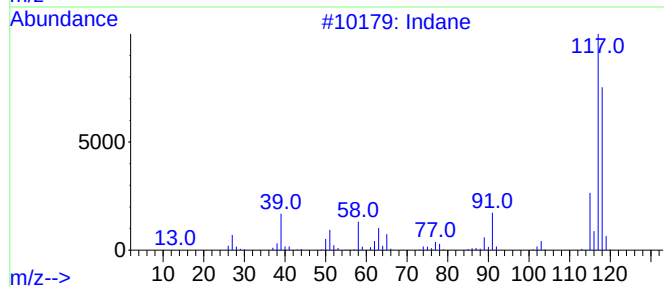
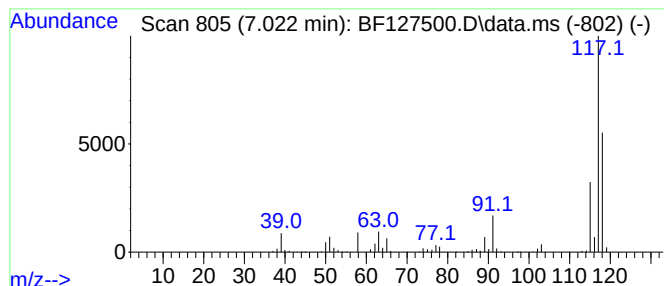
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF032122.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 1 Indane Concentration Rank 1

| R.T.  | EstConc  | Area   | Relative to ISTD       | R.T.  |
|-------|----------|--------|------------------------|-------|
| 7.022 | 24.96 ng | 710008 | 1,4-Dichlorobenzene-d4 | 6.845 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|----------|--------------|------|
| 1    |    |   | Indane                              | 118 | C9H10    | 000496-11-7  | 93   |
| 2    |    |   | Benzene, 1-propenyl-                | 118 | C9H10    | 000637-50-3  | 59   |
| 3    |    |   | Tetracyclo[3.3.1.0(2,8).0(4,6)]-... | 118 | C9H10    | 1000191-13-7 | 53   |
| 4    |    |   | trans-Cinnamyl bromide              | 196 | C9H9Br   | 026146-77-0  | 53   |
| 5    |    |   | Benzaldehyde, 4-(1-phenyl-2-prop... | 238 | C16H14O2 | 1000277-56-1 | 47   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF032422\  
Data File : BF127500.D  
Acq On : 24 Mar 2022 14:00  
Operator : CG\JU  
Sample : N2062-02  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
MW-2R

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF032122.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

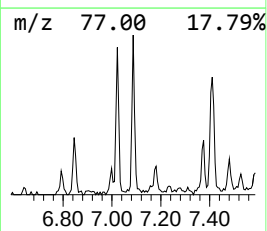
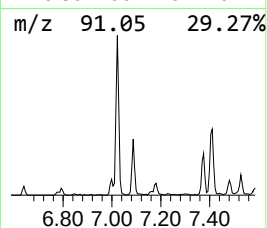
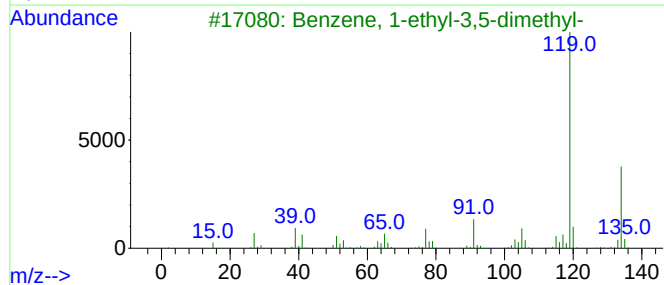
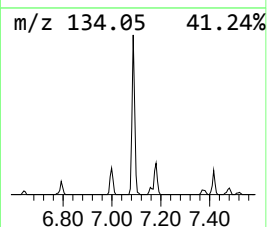
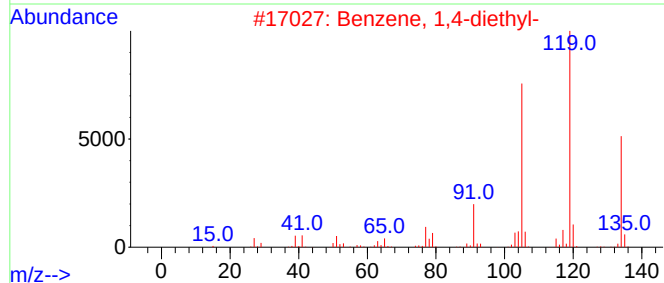
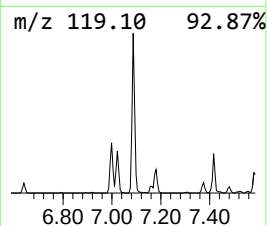
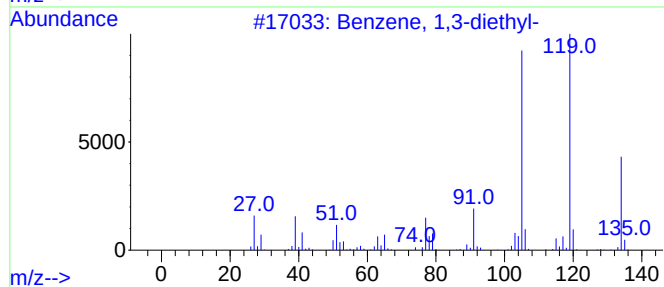
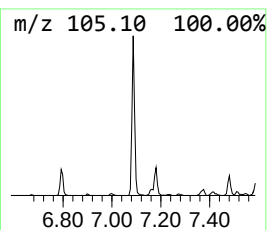
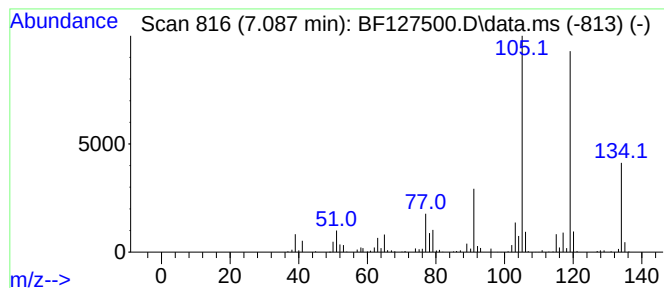
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*

Peak Number 2 Benzene, 1,3-diethyl- Concentration Rank 12

| R.T.  | EstConc | Area   | Relative to ISTD       | R.T.  |
|-------|---------|--------|------------------------|-------|
| 7.087 | 7.53 ng | 214156 | 1,4-Dichlorobenzene-d4 | 6.845 |

| Hit# | of | 5 | Tentative ID                   | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1,3-diethyl-          | 134 | C10H14  | 000141-93-5 | 96   |
| 2    |    |   | Benzene, 1,4-diethyl-          | 134 | C10H14  | 000105-05-5 | 91   |
| 3    |    |   | Benzene, 1-ethyl-3,5-dimethyl- | 134 | C10H14  | 000934-74-7 | 90   |
| 4    |    |   | Benzene, 1,2-diethyl-          | 134 | C10H14  | 000135-01-3 | 90   |
| 5    |    |   | Benzene, 2-ethyl-1,3-dimethyl- | 134 | C10H14  | 002870-04-4 | 87   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF032422\  
Data File : BF127500.D  
Acq On : 24 Mar 2022 14:00  
Operator : CG\JU  
Sample : N2062-02  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
MW-2R

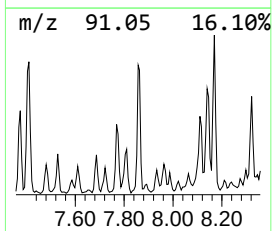
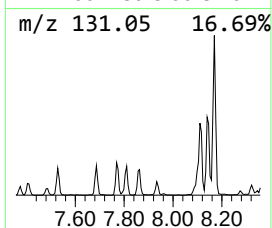
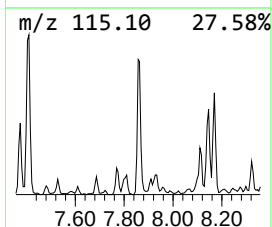
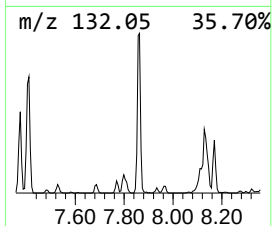
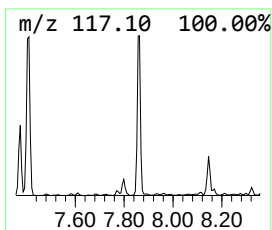
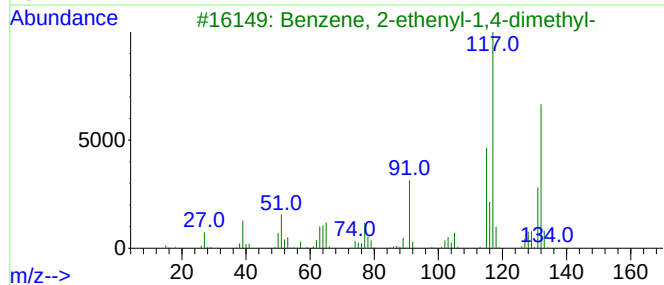
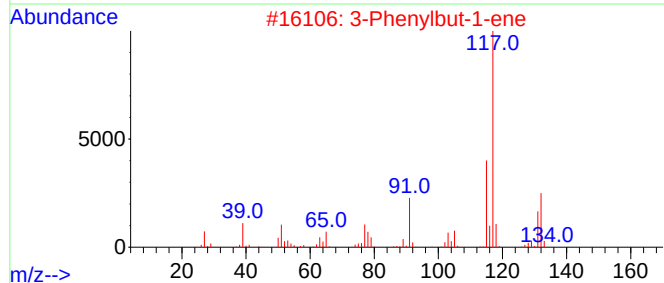
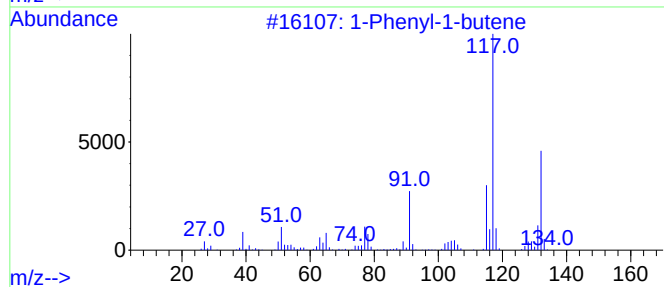
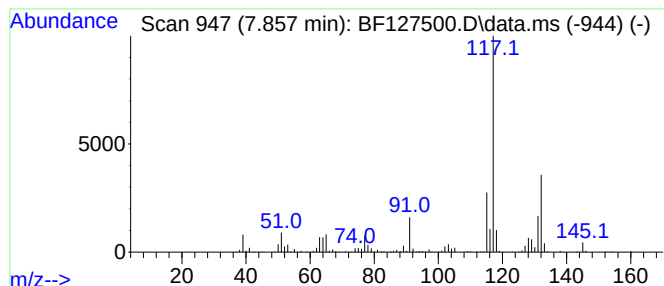
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF032122.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 3 1-Phenyl-1-butene Concentration Rank 13

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 7.857 | 7.14 ng | 449572 | Naphthalene-d8   | 8.128 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | 1-Phenyl-1-butene                   | 132 | C10H12  | 000824-90-8 | 94   |
| 2    |    |   | 3-Phenylbut-1-ene                   | 132 | C10H12  | 000934-10-1 | 94   |
| 3    |    |   | Benzene, 2-ethenyl-1,4-dimethyl-    | 132 | C10H12  | 002039-89-6 | 92   |
| 4    |    |   | Benzene, (1-methyl-1-propenyl)-,... | 132 | C10H12  | 000768-00-3 | 91   |
| 5    |    |   | 1H-Indene, 2,3-dihydro-2-methyl-    | 132 | C10H12  | 000824-63-5 | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF032422\  
Data File : BF127500.D  
Acq On : 24 Mar 2022 14:00  
Operator : CG\JU  
Sample : N2062-02  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
MW-2R

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF032122.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

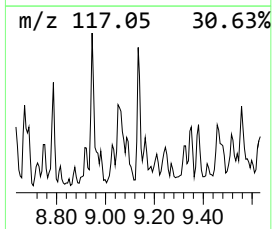
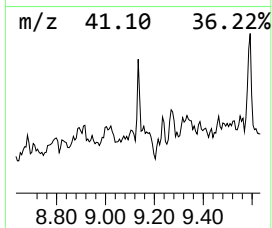
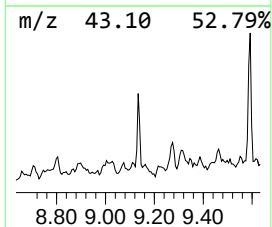
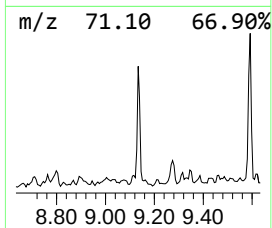
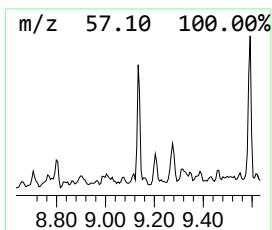
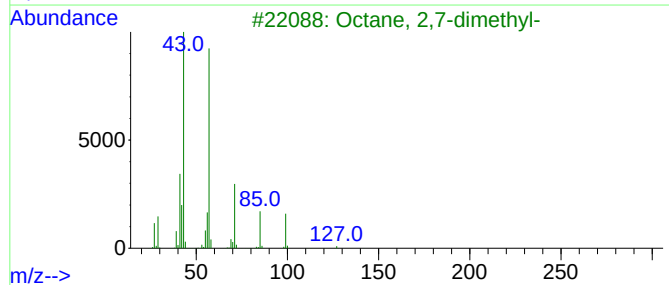
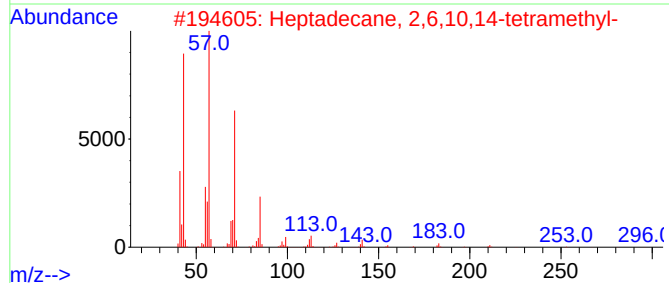
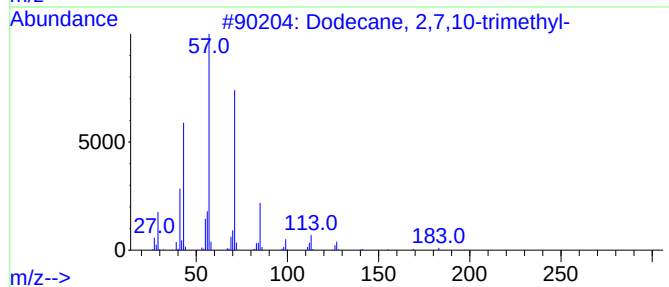
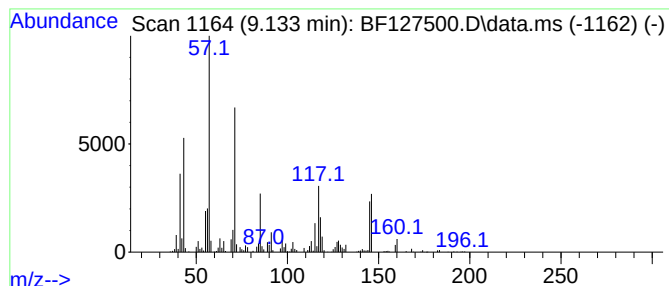
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*

Peak Number 4 unknown9.133 Concentration Rank 11

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 9.133 | 7.97 ng | 290574 | Acenaphthene-d10 | 9.886 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Dodecane, 2,7,10-trimethyl-         | 212 | C15H32  | 074645-98-0 | 43   |
| 2    |    |   | Heptadecane, 2,6,10,14-tetramethyl- | 296 | C21H44  | 018344-37-1 | 43   |
| 3    |    |   | Octane, 2,7-dimethyl-               | 142 | C10H22  | 001072-16-8 | 43   |
| 4    |    |   | Nonane                              | 128 | C9H20   | 000111-84-2 | 38   |
| 5    |    |   | Nonane, 3,7-dimethyl-               | 156 | C11H24  | 017302-32-8 | 38   |





Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF032422\  
Data File : BF127500.D  
Acq On : 24 Mar 2022 14:00  
Operator : CG\JU  
Sample : N2062-02  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
MW-2R

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF032122.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

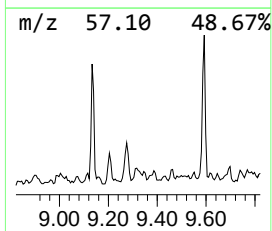
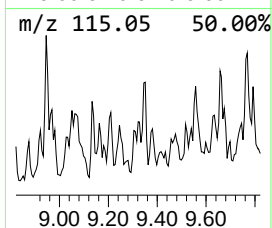
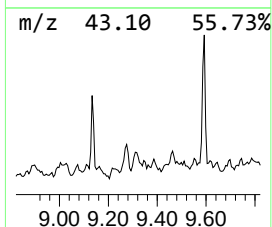
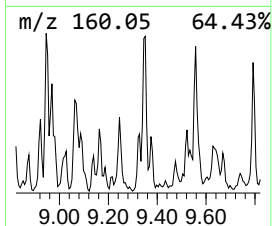
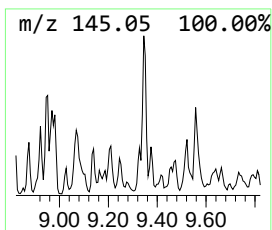
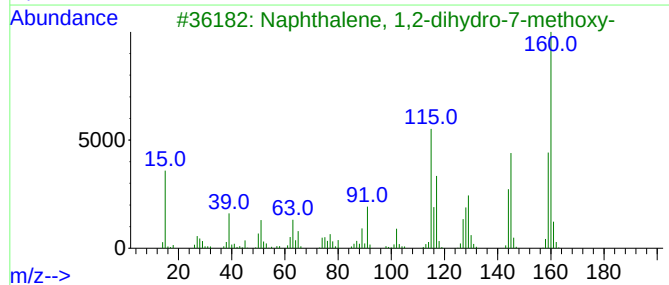
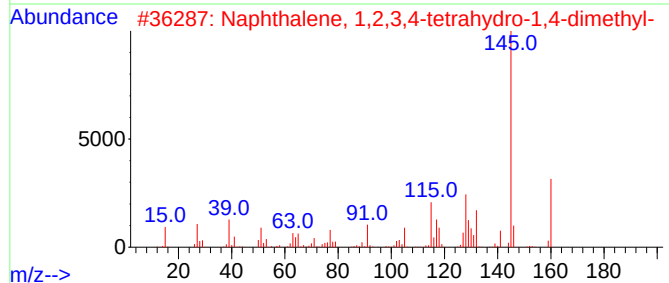
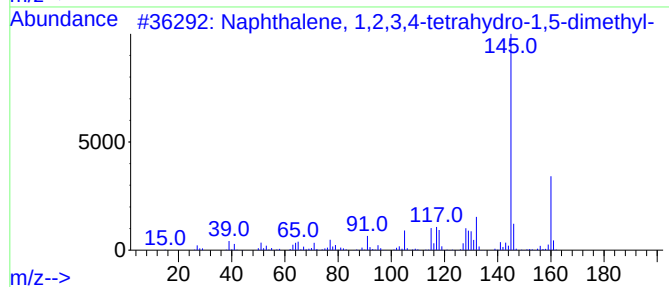
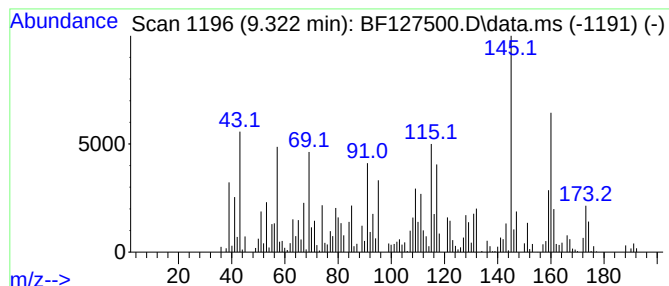
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*

Peak Number 5 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 14

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 9.322 | 7.02 ng | 256122 | Acenaphthene-d10 | 9.886 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Naphthalene, 1,2,3,4-tetrahydro-... | 160 | C12H16  | 021564-91-0 | 52   |
| 2    |    |   | Naphthalene, 1,2,3,4-tetrahydro-... | 160 | C12H16  | 004175-54-6 | 49   |
| 3    |    |   | Naphthalene, 1,2-dihydro-7-methoxy- | 160 | C11H12O | 052178-91-3 | 43   |
| 4    |    |   | Naphthalene, 1,2,3,4-tetrahydro-... | 160 | C12H16  | 001076-61-5 | 42   |
| 5    |    |   | Naphthalene, 1,2,3,4-tetrahydro-... | 160 | C12H16  | 021693-54-9 | 38   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF032422\  
Data File : BF127500.D  
Acq On : 24 Mar 2022 14:00  
Operator : CG\JU  
Sample : N2062-02  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
MW-2R

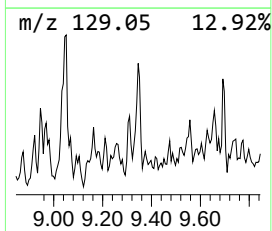
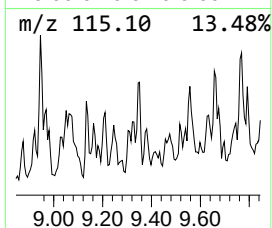
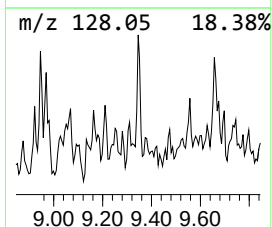
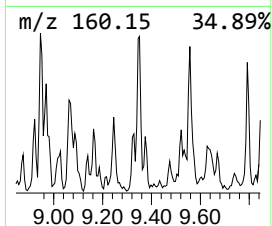
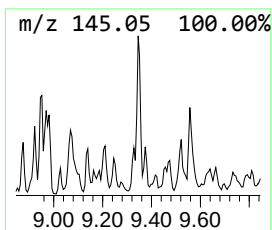
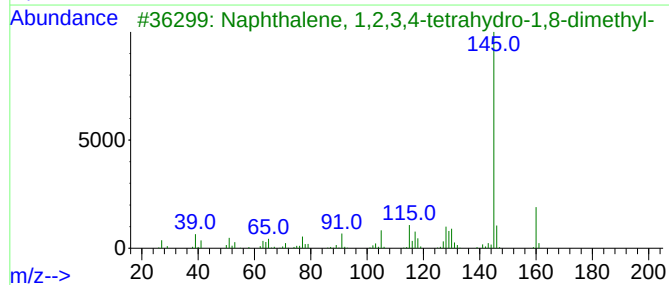
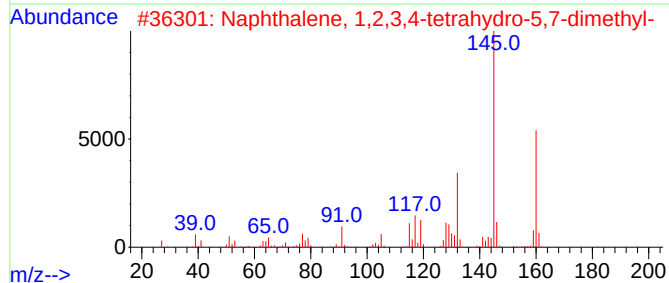
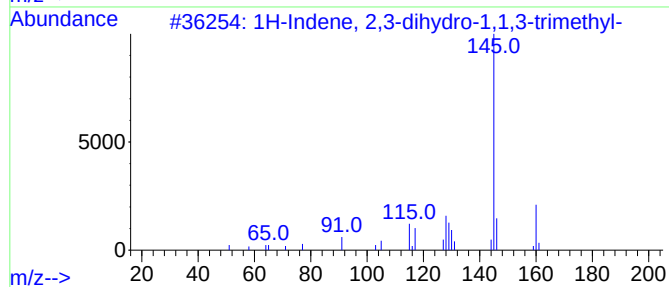
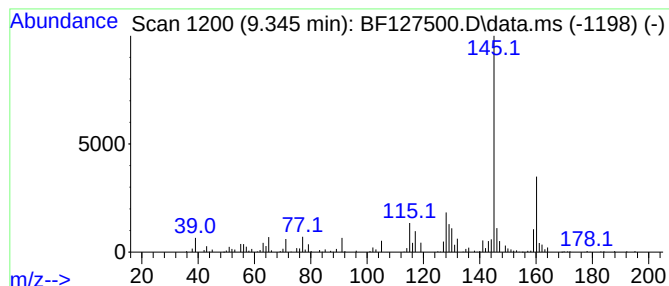
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF032122.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*

Peak Number 6 1H-Indene, 2,3-dihydro-1,1,... Concentration Rank 17

| R.T.      | EstConc                             | Area   | Relative to ISTD | R.T.        |      |
|-----------|-------------------------------------|--------|------------------|-------------|------|
| 9.345     | 6.14 ng                             | 223875 | Acenaphthene-d10 | 9.886       |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm          | CAS#        | Qual |
| 1         | 1H-Indene, 2,3-dihydro-1,1,3-tri... | 160    | C12H16           | 002613-76-5 | 93   |
| 2         | Naphthalene, 1,2,3,4-tetrahydro-... | 160    | C12H16           | 021693-54-9 | 90   |
| 3         | Naphthalene, 1,2,3,4-tetrahydro-... | 160    | C12H16           | 025419-33-4 | 87   |
| 4         | Benzene, 4-(2-butenyl)-1,2-dimet... | 160    | C12H16           | 054340-86-2 | 87   |
| 5         | Naphthalene, 1,2,3,4-tetrahydro-... | 160    | C12H16           | 004175-54-6 | 87   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF032422\  
Data File : BF127500.D  
Acq On : 24 Mar 2022 14:00  
Operator : CG\JU  
Sample : N2062-02  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

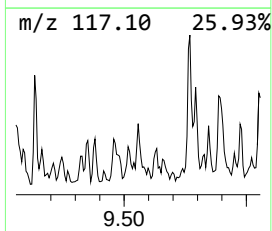
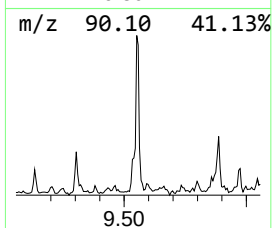
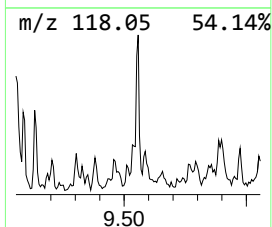
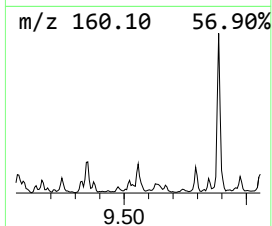
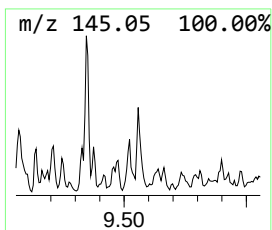
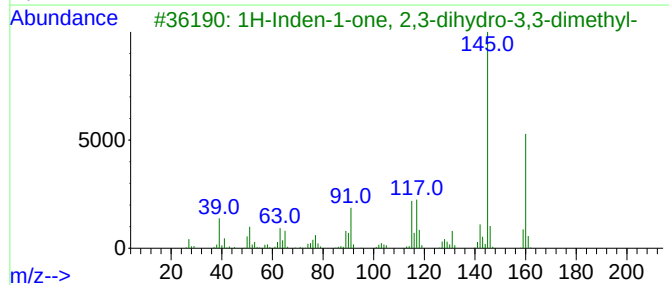
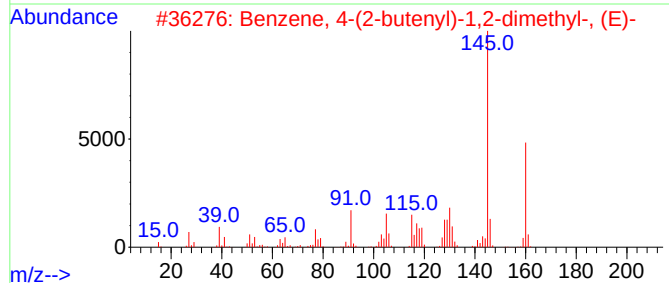
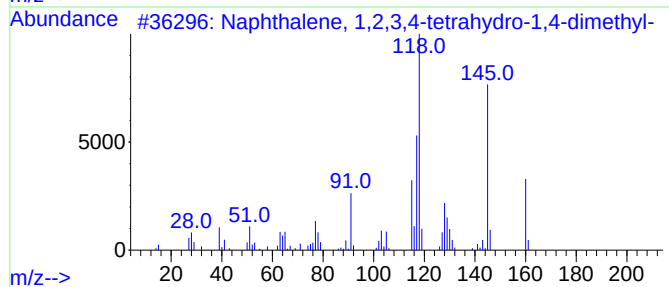
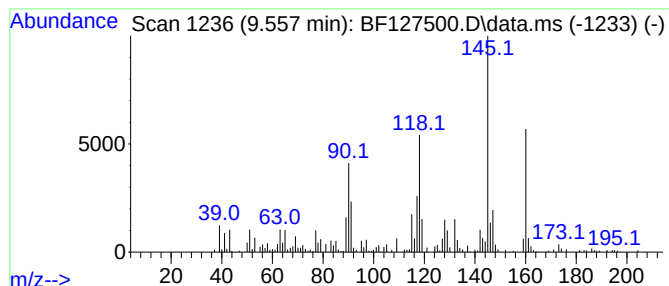
Instrument :  
BNA\_F  
ClientSampleId :  
MW-2R

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF032122.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 7 Benzene, 4-(2-butenyl)-1,2-... Concentration Rank 18

| R.T.      | EstConc                             | Area   | Relative to ISTD | R.T.        |      |
|-----------|-------------------------------------|--------|------------------|-------------|------|
| 9.557     | 6.01 ng                             | 219352 | Acenaphthene-d10 | 9.886       |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm          | CAS#        | Qual |
| 1         | Naphthalene, 1,2,3,4-tetrahydro-... | 160    | C12H16           | 004175-54-6 | 86   |
| 2         | Benzene, 4-(2-butenyl)-1,2-dimet... | 160    | C12H16           | 054340-86-2 | 64   |
| 3         | 1H-Inden-1-one, 2,3-dihydro-3,3-... | 160    | C11H12O          | 026465-81-6 | 60   |
| 4         | Benzene, 1-(1-methylethenyl)-3-(... | 160    | C12H16           | 001129-29-9 | 55   |
| 5         | Benzene, 1-(1-methylethenyl)-2-(... | 160    | C12H16           | 005557-93-7 | 55   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF032422\  
Data File : BF127500.D  
Acq On : 24 Mar 2022 14:00  
Operator : CG\JU  
Sample : N2062-02  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
MW-2R

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF032122.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

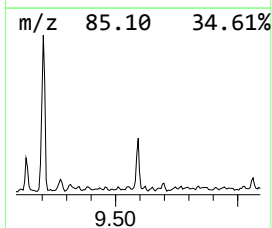
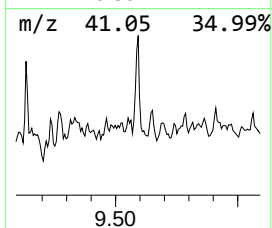
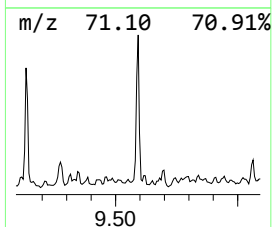
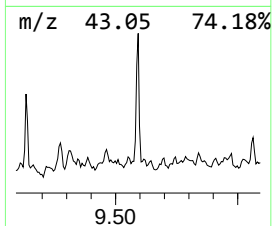
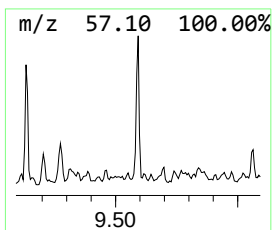
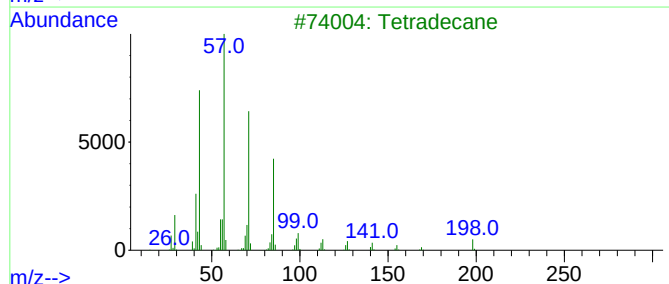
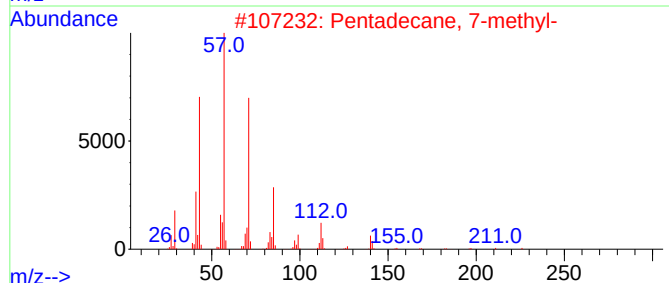
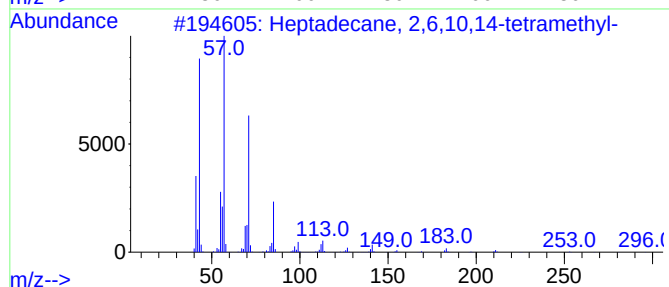
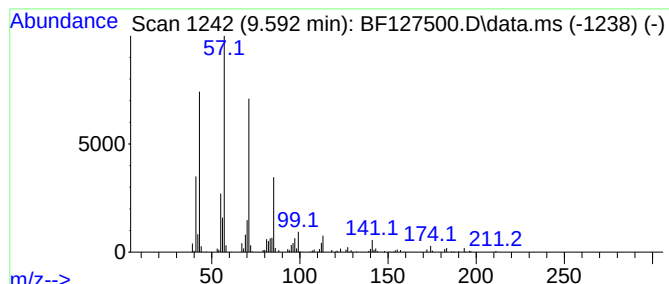
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 8 Heptadecane, 2,6,10,14-tetr... Concentration Rank 3

| R.T.  | EstConc  | Area   | Relative to ISTD | R.T.  |
|-------|----------|--------|------------------|-------|
| 9.592 | 11.44 ng | 417238 | Acenaphthene-d10 | 9.886 |

| Hit# | of 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|------|-------------------------------------|-----|---------|-------------|------|
| 1    |      | Heptadecane, 2,6,10,14-tetramethyl- | 296 | C21H44  | 018344-37-1 | 86   |
| 2    |      | Pentadecane, 7-methyl-              | 226 | C16H34  | 006165-40-8 | 86   |
| 3    |      | Tetradecane                         | 198 | C14H30  | 000629-59-4 | 78   |
| 4    |      | Tritetracontane                     | 605 | C43H88  | 007098-21-7 | 78   |
| 5    |      | Dodecane, 1-iodo-                   | 296 | C12H25I | 004292-19-7 | 72   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF032422\  
Data File : BF127500.D  
Acq On : 24 Mar 2022 14:00  
Operator : CG\JU  
Sample : N2062-02  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

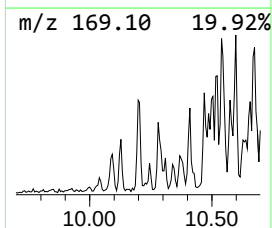
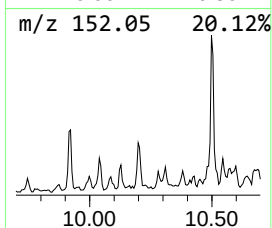
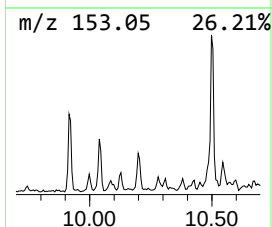
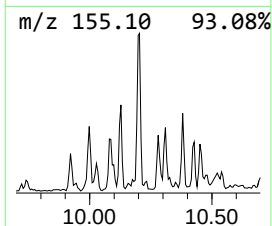
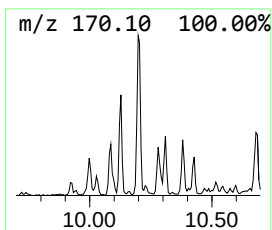
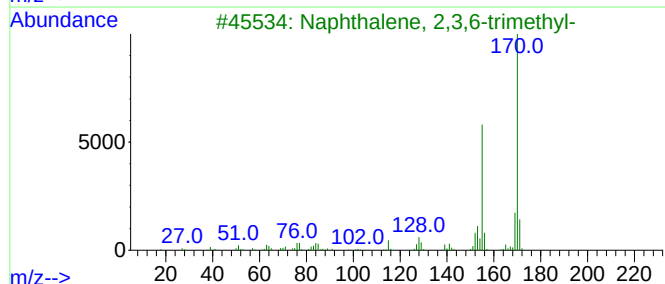
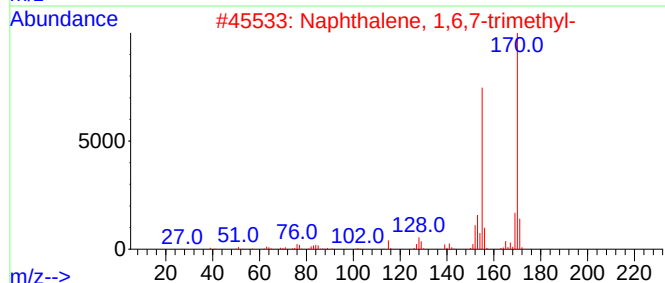
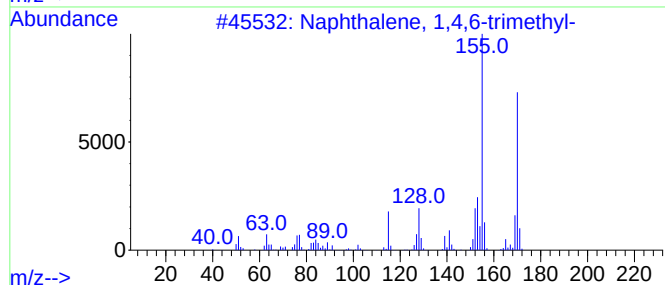
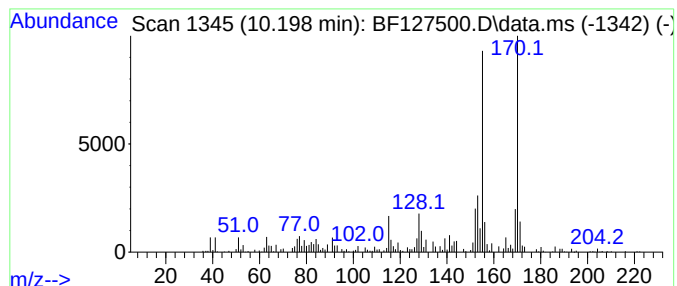
Instrument :  
BNA\_F  
ClientSampleId :  
MW-2R

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF032122.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 9 Naphthalene, 1,4,6-trimethyl- Concentration Rank 6

| R.T.      | EstConc                       | Area   | Relative to ISTD |         | R.T.        |      |
|-----------|-------------------------------|--------|------------------|---------|-------------|------|
| 10.198    | 9.28 ng                       | 338450 | Acenaphthene-d10 |         | 9.886       |      |
| Hit# of 5 | Tentative ID                  |        | MW               | MolForm | CAS#        | Qual |
| 1         | Naphthalene, 1,4,6-trimethyl- |        | 170              | C13H14  | 002131-42-2 | 97   |
| 2         | Naphthalene, 1,6,7-trimethyl- |        | 170              | C13H14  | 002245-38-7 | 97   |
| 3         | Naphthalene, 2,3,6-trimethyl- |        | 170              | C13H14  | 000829-26-5 | 97   |
| 4         | 4,6,8-Trimethylazulene        |        | 170              | C13H14  | 000941-81-1 | 91   |
| 5         | Naphthalene, 1,4,5-trimethyl- |        | 170              | C13H14  | 002131-41-1 | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF032422\  
Data File : BF127500.D  
Acq On : 24 Mar 2022 14:00  
Operator : CG\JU  
Sample : N2062-02  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
MW-2R

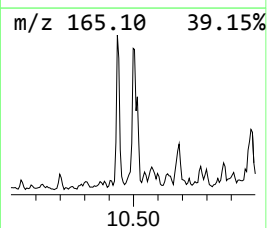
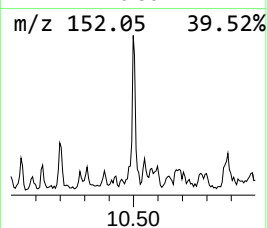
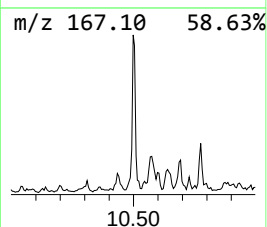
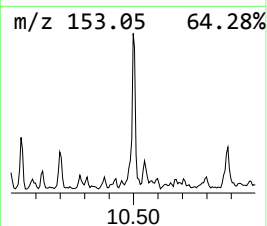
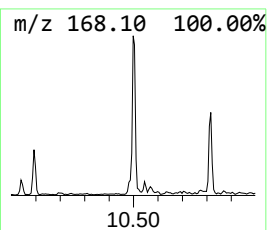
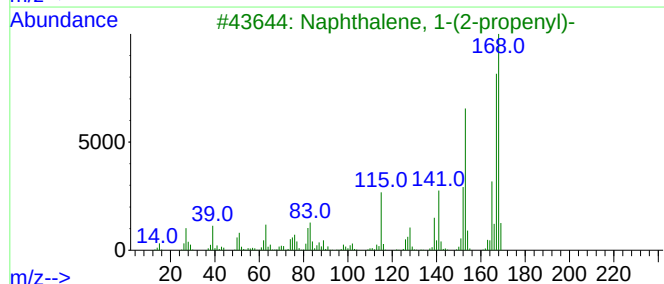
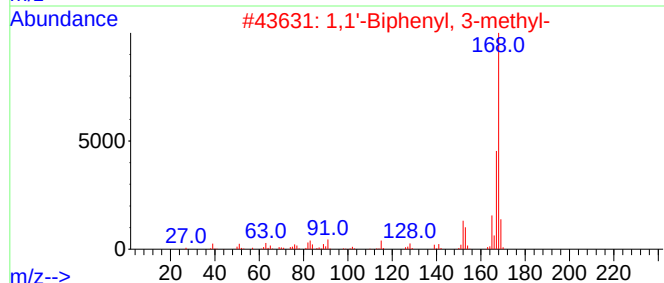
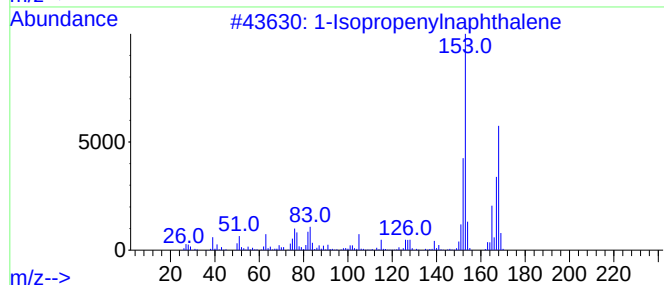
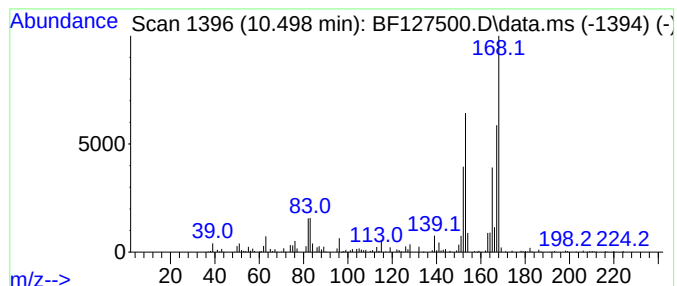
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF032122.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 10 1-Isopropenylnaphthalene Concentration Rank 10

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.  |
|--------|---------|--------|------------------|-------|
| 10.498 | 8.59 ng | 313335 | Acenaphthene-d10 | 9.886 |

| Hit# | of 5 | Tentative ID                      | MW  | MolForm | CAS#        | Qual |
|------|------|-----------------------------------|-----|---------|-------------|------|
| 1    |      | 1-Isopropenylnaphthalene          | 168 | C13H12  | 001855-47-6 | 68   |
| 2    |      | 1,1'-Biphenyl, 3-methyl-          | 168 | C13H12  | 000643-93-6 | 62   |
| 3    |      | Naphthalene, 1-(2-propenyl)-      | 168 | C13H12  | 002489-86-3 | 62   |
| 4    |      | Naphthalene, 2-(1-methylethenyl)- | 168 | C13H12  | 003710-23-4 | 59   |
| 5    |      | 1,1'-Biphenyl, 4-methyl-          | 168 | C13H12  | 000644-08-6 | 53   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF032422\  
Data File : BF127500.D  
Acq On : 24 Mar 2022 14:00  
Operator : CG\JU  
Sample : N2062-02  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
MW-2R

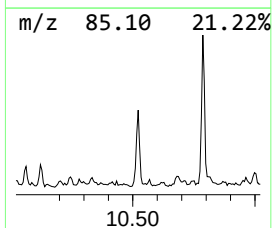
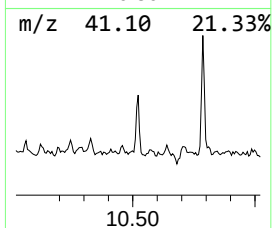
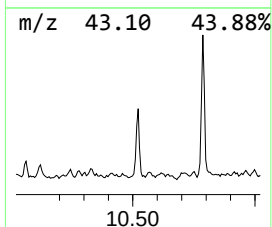
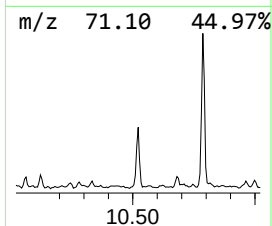
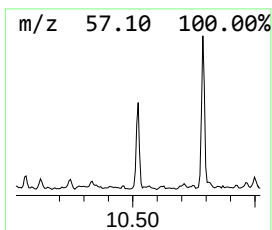
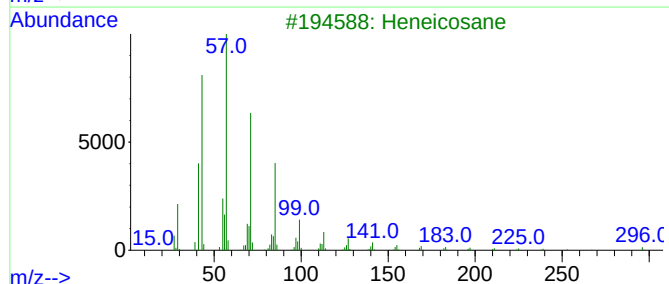
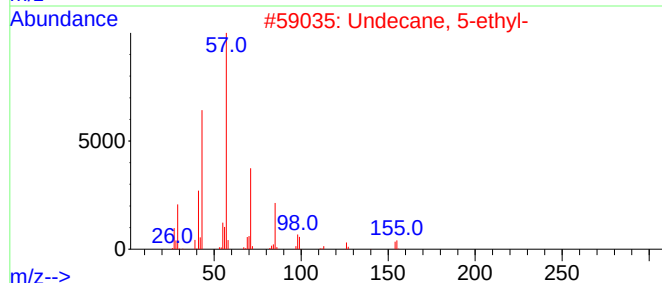
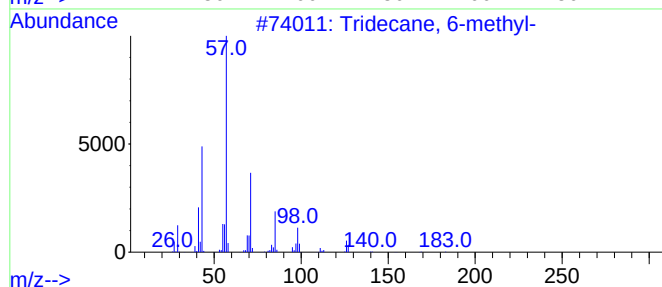
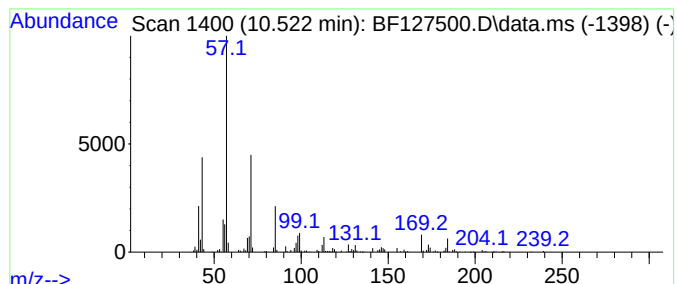
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF032122.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 11 Tridecane, 6-methyl- Concentration Rank 5

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.  |
|--------|---------|--------|------------------|-------|
| 10.522 | 9.93 ng | 362273 | Acenaphthene-d10 | 9.886 |

| Hit# | of | 5 | Tentative ID          | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------|-----|---------|-------------|------|
| 1    |    |   | Tridecane, 6-methyl-  | 198 | C14H30  | 013287-21-3 | 59   |
| 2    |    |   | Undecane, 5-ethyl-    | 184 | C13H28  | 017453-94-0 | 59   |
| 3    |    |   | Heneicosane           | 296 | C21H44  | 000629-94-7 | 58   |
| 4    |    |   | Heptacosane           | 380 | C27H56  | 000593-49-7 | 58   |
| 5    |    |   | Decane, 3,6-dimethyl- | 170 | C12H26  | 017312-53-7 | 58   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF032422\  
Data File : BF127500.D  
Acq On : 24 Mar 2022 14:00  
Operator : CG\JU  
Sample : N2062-02  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
MW-2R

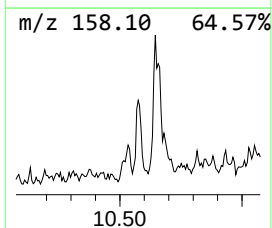
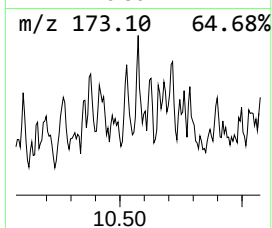
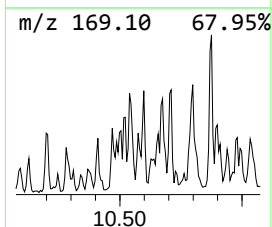
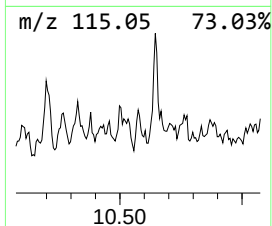
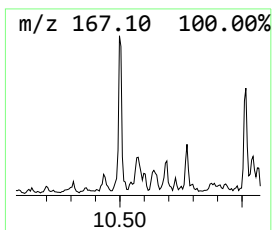
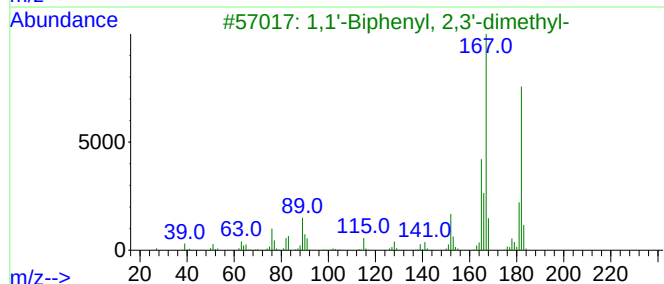
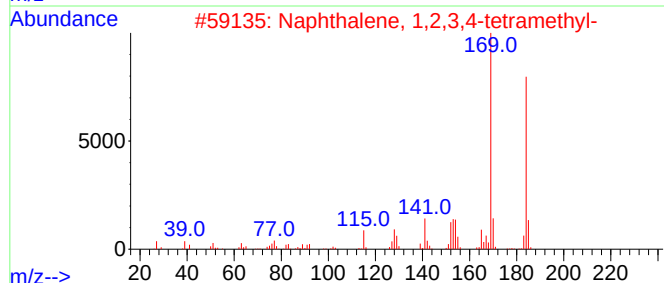
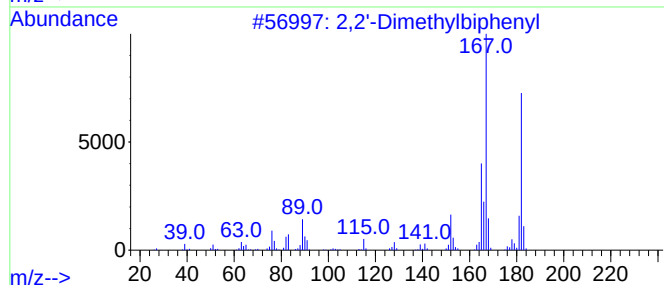
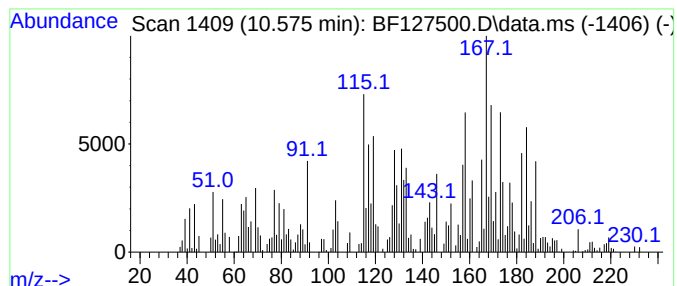
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF032122.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 12 unknown10.575 Concentration Rank 20

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.  |
|--------|---------|--------|------------------|-------|
| 10.575 | 5.57 ng | 203021 | Acenaphthene-d10 | 9.886 |

| Hit# | of                                | 5                 | Tentative ID | MW          | MolForm     | CAS# | Qual |
|------|-----------------------------------|-------------------|--------------|-------------|-------------|------|------|
| 1    | 2,2'                              | -Dimethylbiphenyl | 182          | C14H14      | 000605-39-0 | 30   |      |
| 2    | Naphthalene, 1,2,3,4-tetramethyl- | 184               | C14H16       | 003031-15-0 | 25          |      |      |
| 3    | 1,1'-Biphenyl, 2,3'-dimethyl-     | 182               | C14H14       | 000611-43-8 | 25          |      |      |
| 4    | 1,1'-Biphenyl, 2-ethyl-           | 182               | C14H14       | 001812-51-7 | 25          |      |      |
| 5    | 1H-Pyrazole, 1-methyl-3-phenyl-   | 158               | C10H10N2     | 003463-26-1 | 25          |      |      |





Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF032422\  
Data File : BF127500.D  
Acq On : 24 Mar 2022 14:00  
Operator : CG\JU  
Sample : N2062-02  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
MW-2R

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF032122.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

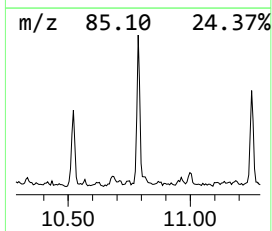
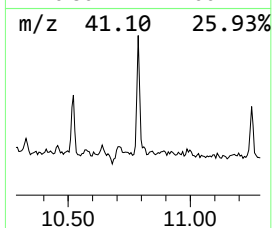
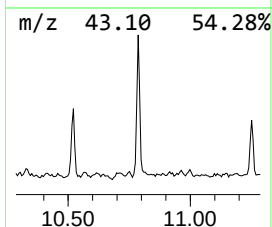
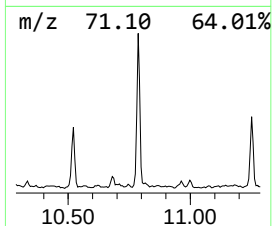
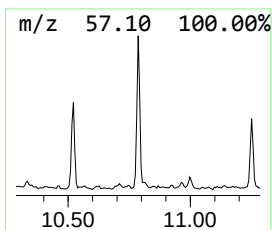
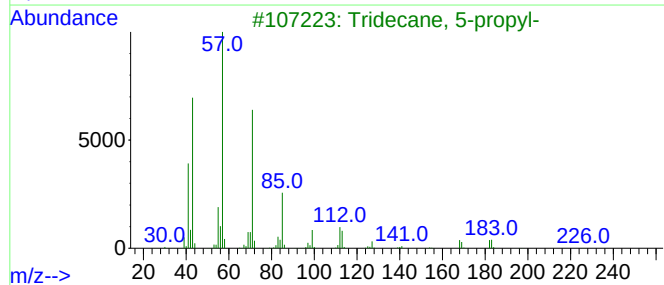
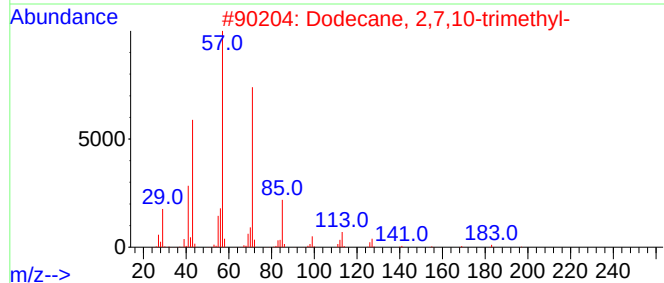
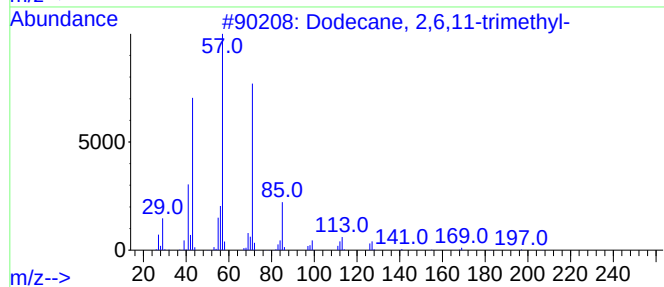
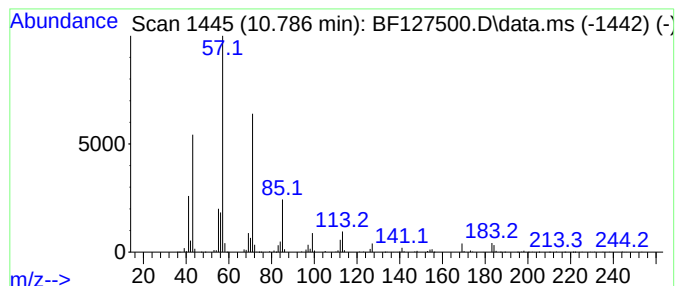
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 13 Dodecane, 2,6,11-trimethyl- Concentration Rank 2

| R.T.   | EstConc  | Area   | Relative to ISTD | R.T.   |
|--------|----------|--------|------------------|--------|
| 10.786 | 22.76 ng | 634659 | Phenanthrene-d10 | 11.380 |

| Hit# | of 5 | Tentative ID                   | MW  | MolForm | CAS#        | Qual |
|------|------|--------------------------------|-----|---------|-------------|------|
| 1    |      | Dodecane, 2,6,11-trimethyl-    | 212 | C15H32  | 031295-56-4 | 86   |
| 2    |      | Dodecane, 2,7,10-trimethyl-    | 212 | C15H32  | 074645-98-0 | 86   |
| 3    |      | Tridecane, 5-propyl-           | 226 | C16H34  | 055045-11-9 | 86   |
| 4    |      | Tridecane, 6-methyl-           | 198 | C14H30  | 013287-21-3 | 76   |
| 5    |      | Pentadecane, 2,6,10-trimethyl- | 254 | C18H38  | 003892-00-0 | 72   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF032422\  
Data File : BF127500.D  
Acq On : 24 Mar 2022 14:00  
Operator : CG\JU  
Sample : N2062-02  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
MW-2R

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF032122.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

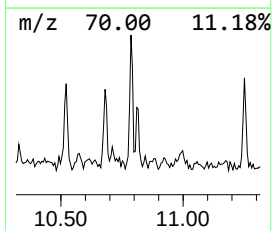
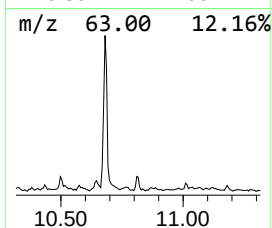
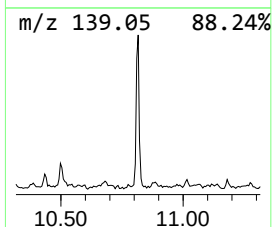
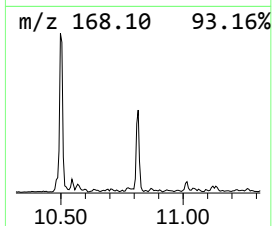
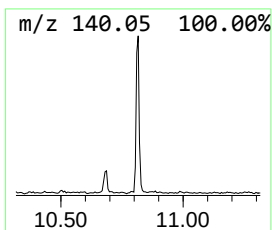
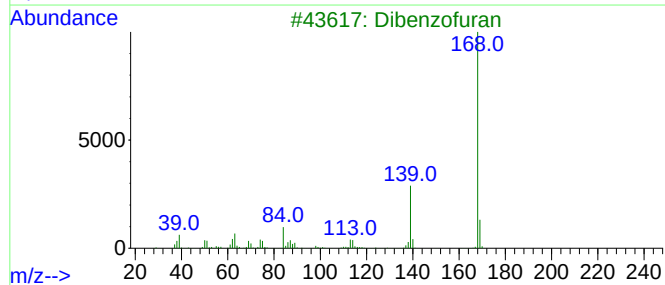
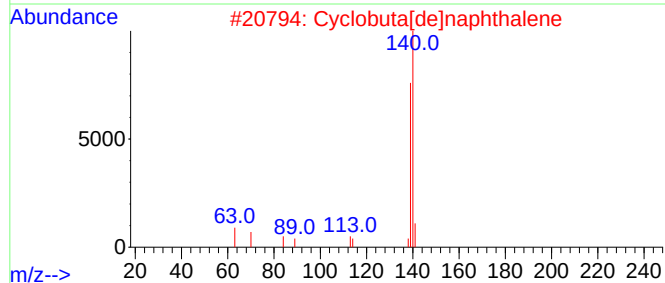
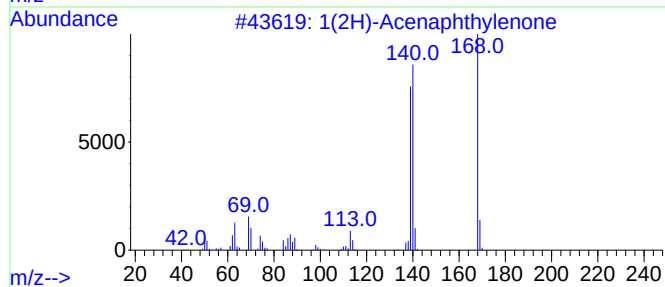
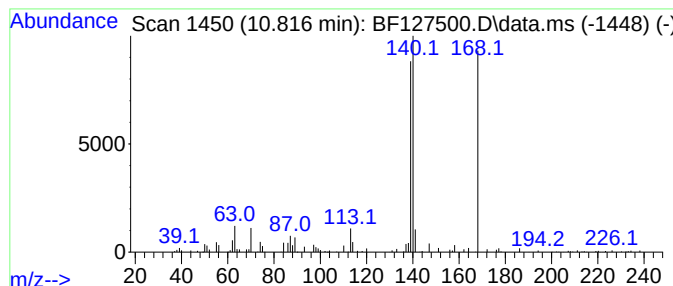
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 14 1(2H)-Acenaphthylenone Concentration Rank 19

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 10.816 | 5.70 ng | 158953 | Phenanthrene-d10 | 11.380 |

| Hit# | of 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|------|-------------------------------------|-----|---------|-------------|------|
| 1    |      | 1(2H)-Acenaphthylenone              | 168 | C12H8O  | 002235-15-6 | 95   |
| 2    |      | Cyclobuta[de]naphthalene            | 140 | C11H8   | 024973-91-9 | 58   |
| 3    |      | Dibenzofuran                        | 168 | C12H8O  | 000132-64-9 | 50   |
| 4    |      | Benzenaldehyde, 2-fluoro-5-hydroxy- | 140 | C7H5FO2 | 103438-84-2 | 47   |
| 5    |      | Benzaldehyde, 2-fluoro-3-hydroxy-   | 140 | C7H5FO2 | 103438-86-4 | 47   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF032422\  
Data File : BF127500.D  
Acq On : 24 Mar 2022 14:00  
Operator : CG\JU  
Sample : N2062-02  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
MW-2R

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF032122.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

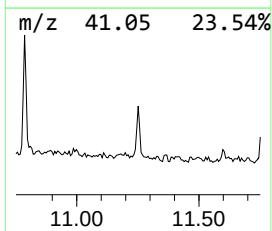
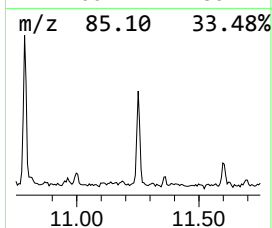
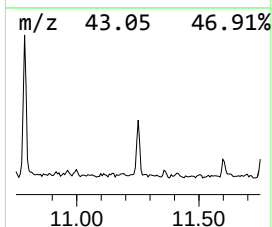
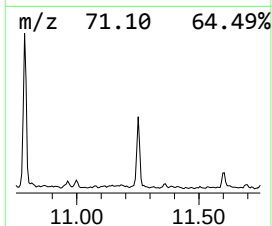
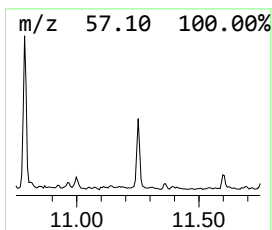
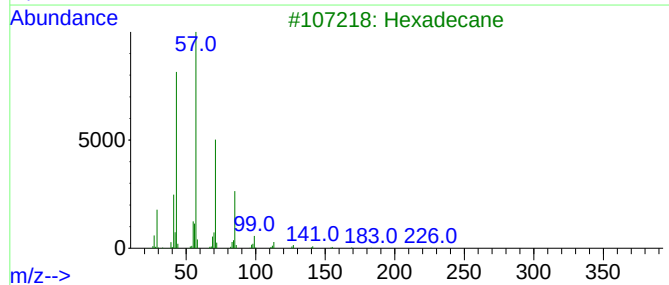
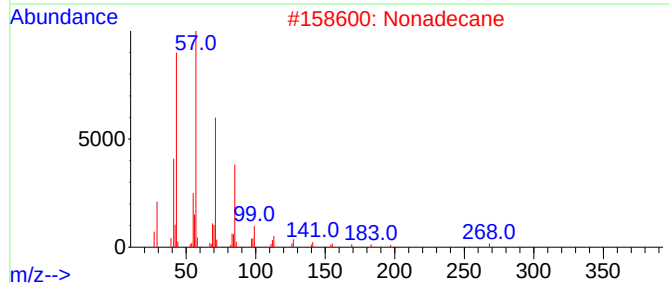
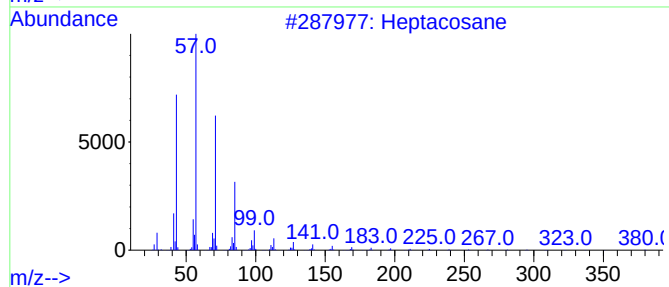
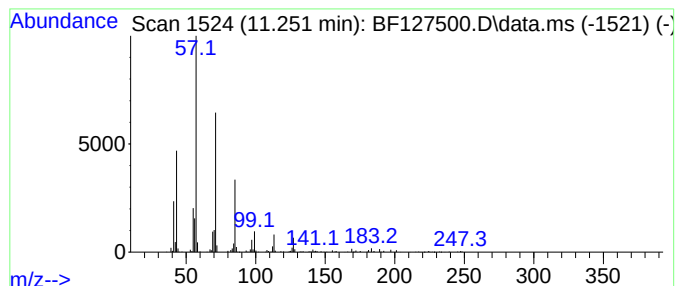
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 15 Heptacosane Concentration Rank 4

| R.T.   | EstConc  | Area   | Relative to ISTD | R.T.   |
|--------|----------|--------|------------------|--------|
| 11.251 | 10.60 ng | 295666 | Phenanthrene-d10 | 11.380 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Heptacosane                         | 380 | C27H56  | 000593-49-7 | 90   |
| 2    |    |   | Nonadecane                          | 268 | C19H40  | 000629-92-5 | 90   |
| 3    |    |   | Hexadecane                          | 226 | C16H34  | 000544-76-3 | 86   |
| 4    |    |   | Heptadecane, 2,6,10,15-tetramethyl- | 296 | C21H44  | 054833-48-6 | 83   |
| 5    |    |   | Dodecane, 2,7,10-trimethyl-         | 212 | C15H32  | 074645-98-0 | 80   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF032422\  
Data File : BF127500.D  
Acq On : 24 Mar 2022 14:00  
Operator : CG\JU  
Sample : N2062-02  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
MW-2R

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF032122.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

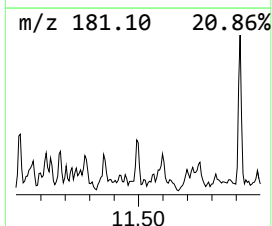
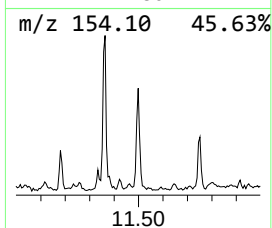
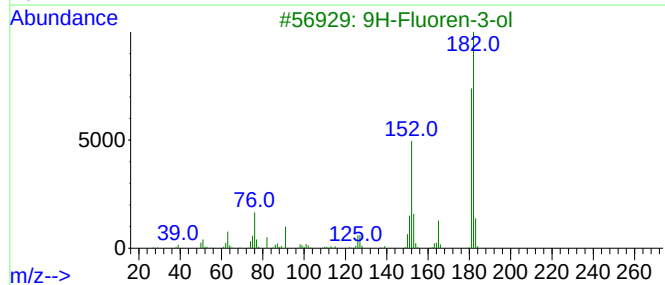
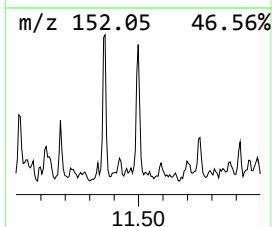
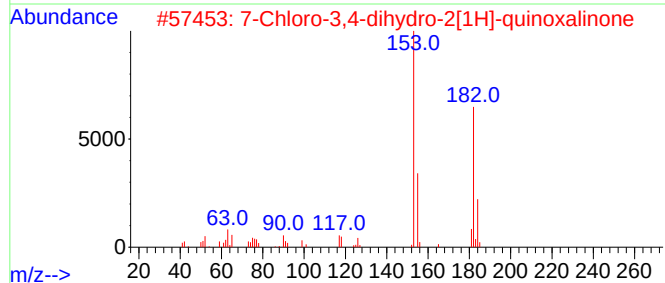
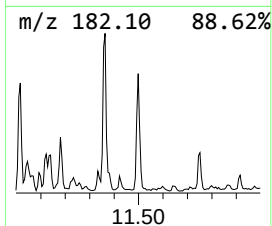
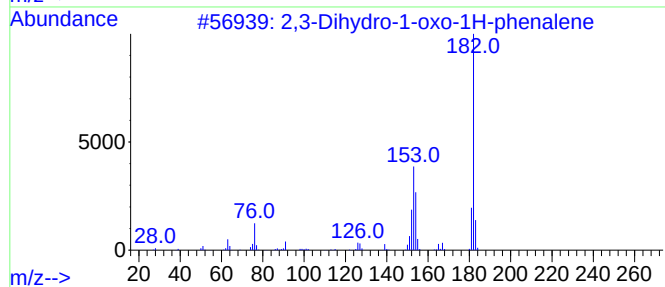
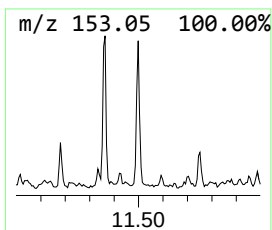
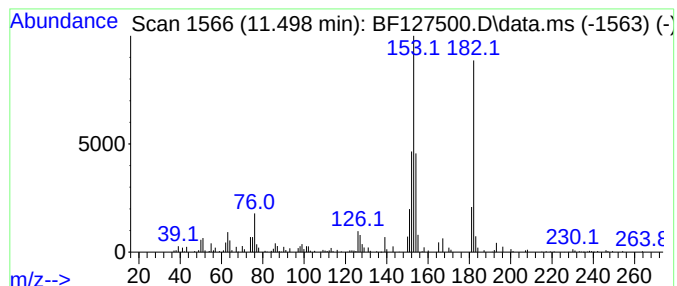
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 16 2,3-Dihydro-1-oxo-1H-phenalene Concentration Rank 9

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 11.498 | 8.77 ng | 244512 | Phenanthrene-d10 | 11.380 |

| Hit# | of 5 | Tentative ID                        | MW  | MolForm   | CAS#        | Qual |
|------|------|-------------------------------------|-----|-----------|-------------|------|
| 1    |      | 2,3-Dihydro-1-oxo-1H-phenalene      | 182 | C13H10O   | 000518-85-4 | 72   |
| 2    |      | 7-Chloro-3,4-dihydro-2[1H]-quino... | 182 | C8H7ClN2O | 066367-05-3 | 47   |
| 3    |      | 9H-Fluoren-3-ol                     | 182 | C13H10O   | 006344-67-8 | 46   |
| 4    |      | Anthracene, 1,2,3,4-tetrahydro-     | 182 | C14H14    | 002141-42-6 | 43   |
| 5    |      | Benzeneacetonitrile, 3,4-difluoro-  | 153 | C8H5F2N   | 000658-99-1 | 38   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF032422\  
Data File : BF127500.D  
Acq On : 24 Mar 2022 14:00  
Operator : CG\JU  
Sample : N2062-02  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
MW-2R

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF032122.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

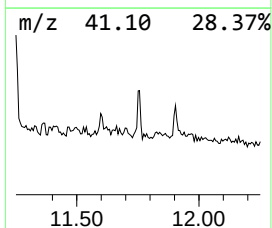
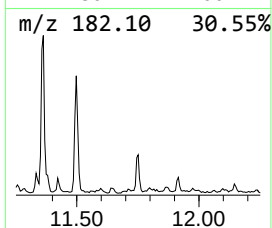
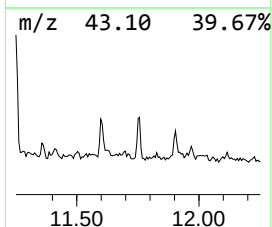
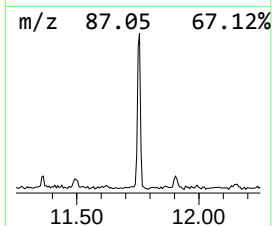
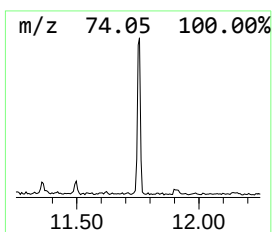
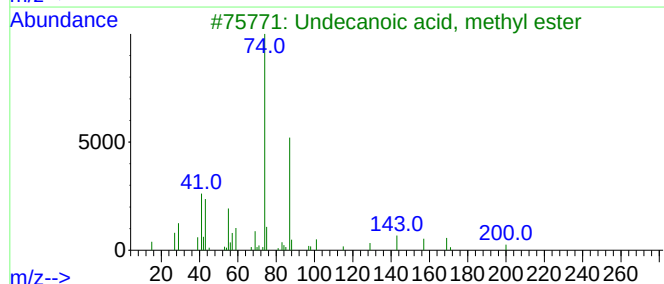
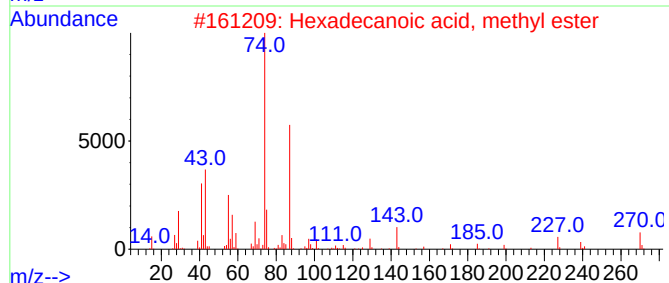
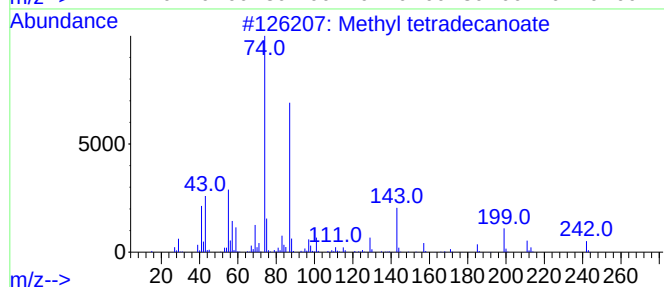
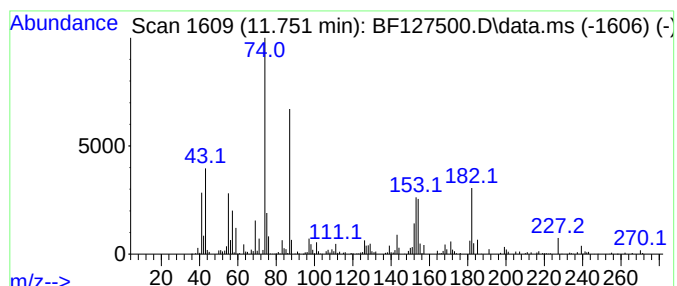
\*\*\*\*\*

Peak Number 17 Methyl tetradecanoate Concentration Rank 8

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 11.751 | 8.79 ng | 245020 | Phenanthrene-d10 | 11.380 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | Methyl tetradecanoate               | 242 | C15H30O2 | 000124-10-7 | 64   |
| 2    |    |   | Hexadecanoic acid, methyl ester     | 270 | C17H34O2 | 000112-39-0 | 62   |
| 3    |    |   | Undecanoic acid, methyl ester       | 200 | C12H24O2 | 001731-86-8 | 55   |
| 4    |    |   | Pentadecanoic acid, 14-methyl-, ... | 270 | C17H34O2 | 005129-60-2 | 52   |
| 5    |    |   | Tridecanoic acid, methyl ester      | 228 | C14H28O2 | 001731-88-0 | 50   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF032422\  
Data File : BF127500.D  
Acq On : 24 Mar 2022 14:00  
Operator : CG\JU  
Sample : N2062-02  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
MW-2R

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF032122.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

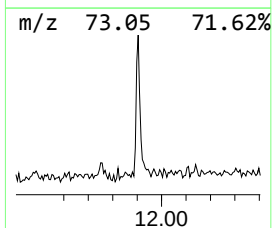
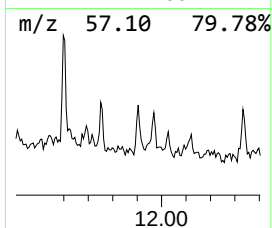
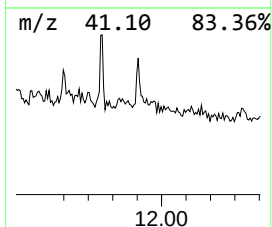
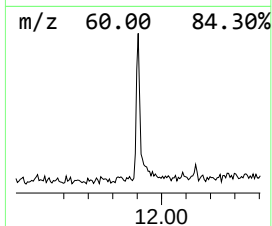
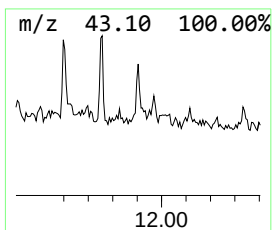
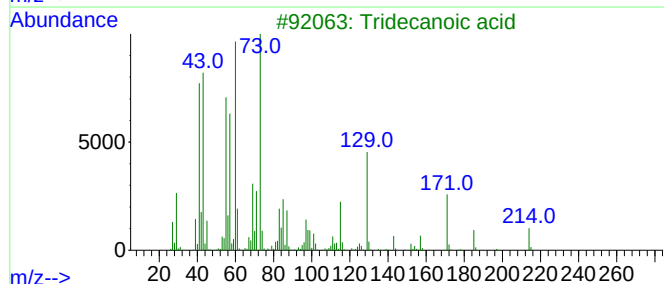
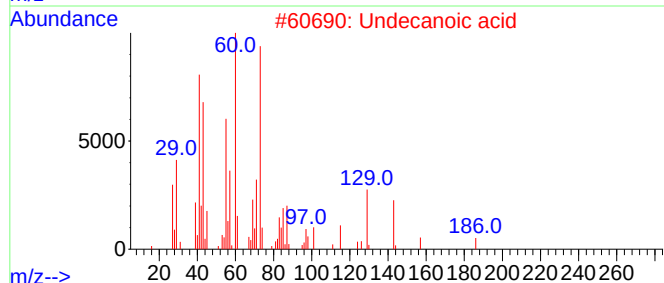
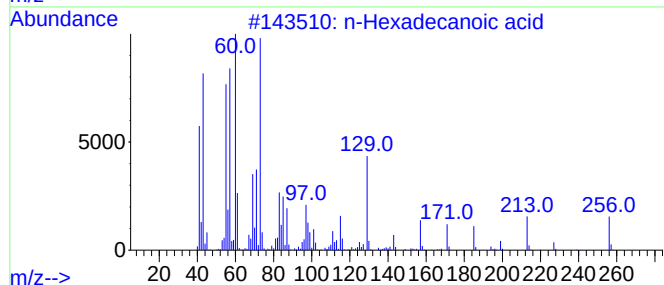
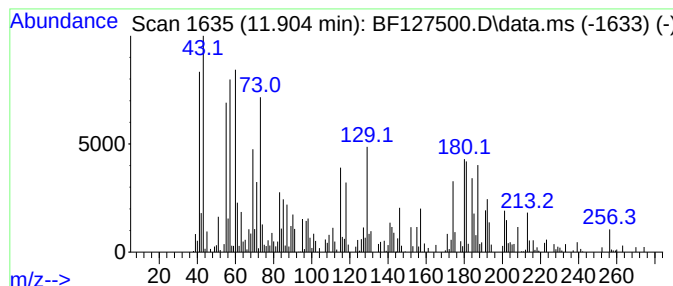
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 18 n-Hexadecanoic acid Concentration Rank 15

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 11.904 | 6.88 ng | 191817 | Phenanthrene-d10 | 11.380 |

| Hit# | of 5 | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|------|------|---------------------|-----|----------|-------------|------|
| 1    |      | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 91   |
| 2    |      | Undecanoic acid     | 186 | C11H22O2 | 000112-37-8 | 47   |
| 3    |      | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 25   |
| 4    |      | n-Decanoic acid     | 172 | C10H20O2 | 000334-48-5 | 22   |
| 5    |      | Tetradecanoic acid  | 228 | C14H28O2 | 000544-63-8 | 22   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF032422\  
Data File : BF127500.D  
Acq On : 24 Mar 2022 14:00  
Operator : CG\JU  
Sample : N2062-02  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
MW-2R

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF032122.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

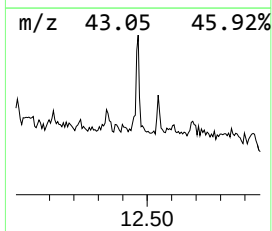
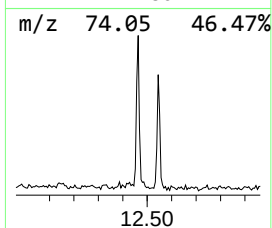
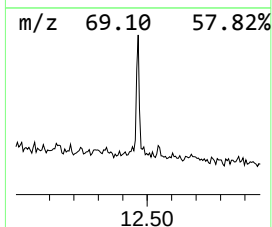
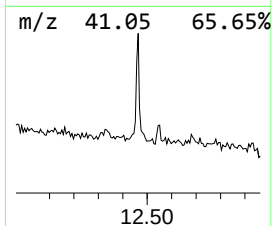
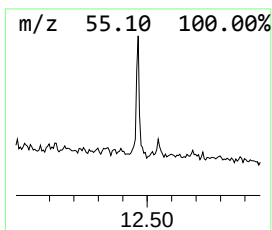
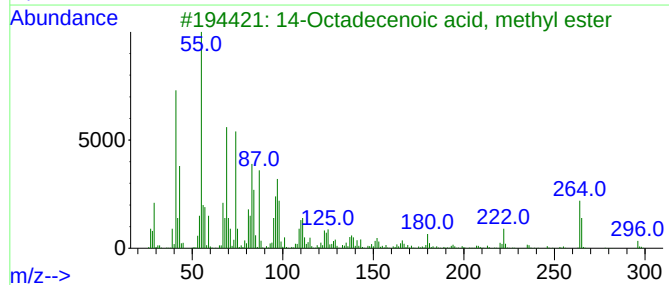
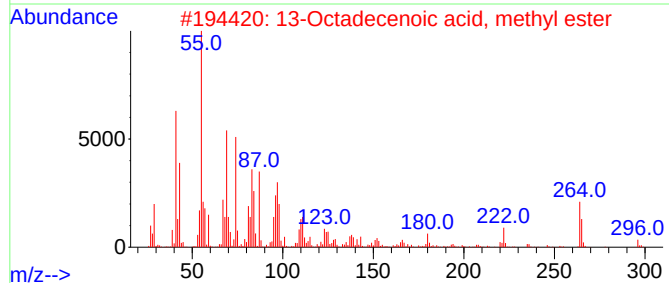
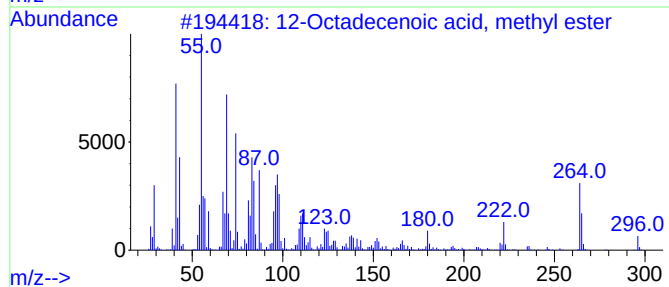
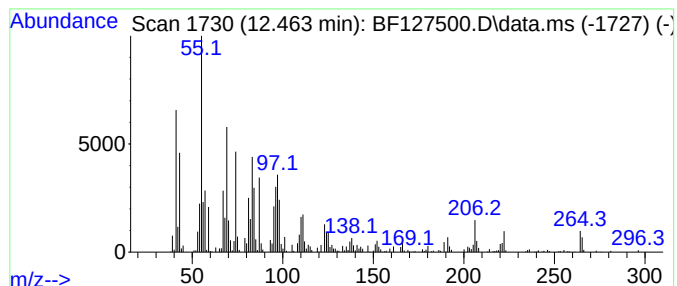
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 19 12-Octadecenoic acid, methyl... Concentration Rank 7

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 12.463 | 9.07 ng | 253016 | Phenanthrene-d10 | 11.380 |

| Hit# | of 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|------|-------------------------------------|-----|----------|-------------|------|
| 1    |      | 12-Octadecenoic acid, methyl ester  | 296 | C19H36O2 | 056554-46-2 | 99   |
| 2    |      | 13-Octadecenoic acid, methyl ester  | 296 | C19H36O2 | 056554-47-3 | 99   |
| 3    |      | 14-Octadecenoic acid, methyl ester  | 296 | C19H36O2 | 056554-48-4 | 97   |
| 4    |      | 15-Octadecenoic acid, methyl ester  | 296 | C19H36O2 | 004764-72-1 | 95   |
| 5    |      | 6-Octadecenoic acid, methyl este... | 296 | C19H36O2 | 002777-58-4 | 95   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF032422\  
Data File : BF127500.D  
Acq On : 24 Mar 2022 14:00  
Operator : CG\JU  
Sample : N2062-02  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
MW-2R

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF032122.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

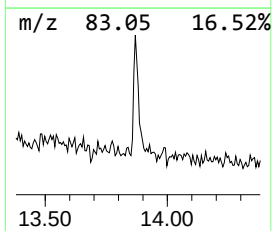
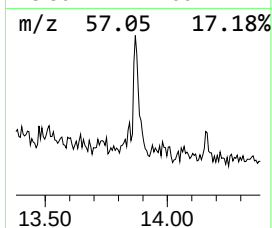
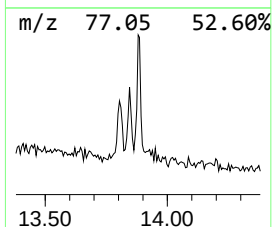
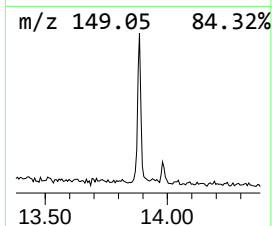
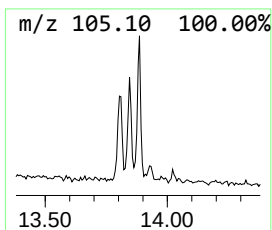
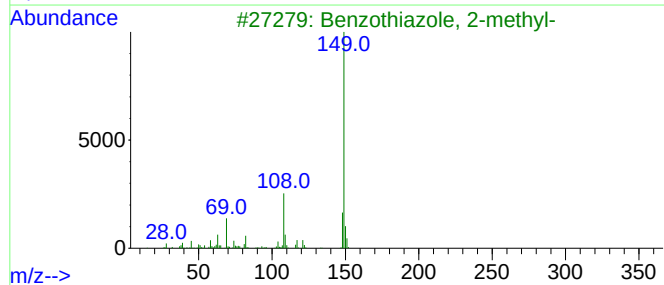
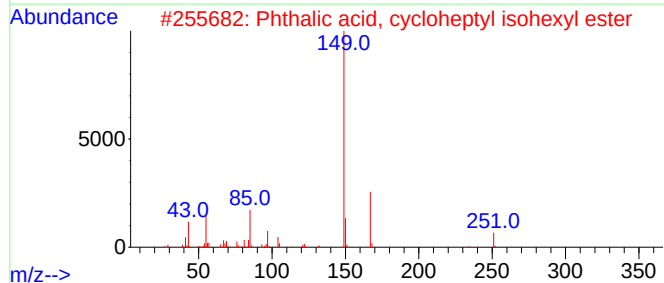
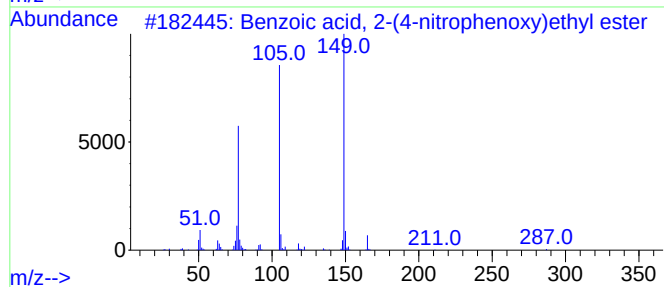
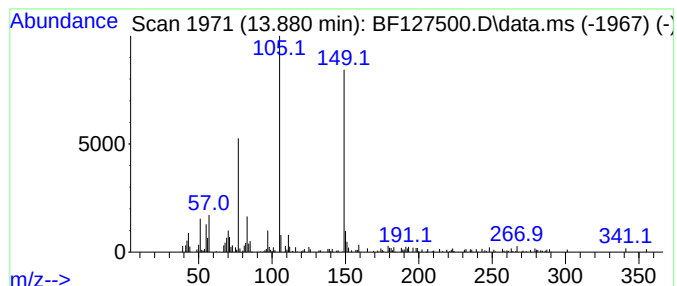
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*

Peak Number 20 Benzoic acid, 2-(4-nitrophe... Concentration Rank 16

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 13.880 | 6.32 ng | 160200 | Chrysene-d12     | 14.027 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | Benzoic acid, 2-(4-nitrophenoxy)... | 287 | C15H13NO5 | 1000368-92-7 | 72   |
| 2    |    |   | Phthalic acid, cycloheptyl isoe...  | 346 | C21H30O4  | 1000322-83-1 | 47   |
| 3    |    |   | Benzothiazole, 2-methyl-            | 149 | C8H7NS    | 000120-75-2  | 43   |
| 4    |    |   | Phthalic acid, butyl tetradecyl ... | 418 | C26H42O4  | 1000308-91-3 | 43   |
| 5    |    |   | Phthalic acid, decyl undecyl ester  | 460 | C29H48O4  | 1000308-91-9 | 43   |





Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF032422\  
 Data File : BF127500.D  
 Acq On : 24 Mar 2022 14:00  
 Operator : CG\JU  
 Sample : N2062-02  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MW-2R

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF032122.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 |
| Indane             | 7.022  | 25.0    | ng    | 710008   | 1                     | 6.845  | 568865  | 20.0 |
| Benzene, 1,3-di... | 7.087  | 7.5     | ng    | 214156   | 1                     | 6.845  | 568865  | 20.0 |
| 1-Phenyl-1-butene  | 7.857  | 7.1     | ng    | 449572   | 2                     | 8.128  | 1258780 | 20.0 |
| unknown9.133       | 9.133  | 8.0     | ng    | 290574   | 3                     | 9.886  | 729460  | 20.0 |
| Naphthalene, 1,... | 9.322  | 7.0     | ng    | 256122   | 3                     | 9.886  | 729460  | 20.0 |
| 1H-Indene, 2,3-... | 9.345  | 6.1     | ng    | 223875   | 3                     | 9.886  | 729460  | 20.0 |
| Benzene, 4-(2-b... | 9.557  | 6.0     | ng    | 219352   | 3                     | 9.886  | 729460  | 20.0 |
| Heptadecane, 2,... | 9.592  | 11.4    | ng    | 417238   | 3                     | 9.886  | 729460  | 20.0 |
| Naphthalene, 1,... | 10.198 | 9.3     | ng    | 338450   | 3                     | 9.886  | 729460  | 20.0 |
| 1-Isopropenylna... | 10.498 | 8.6     | ng    | 313335   | 3                     | 9.886  | 729460  | 20.0 |
| Tridecane, 6-me... | 10.522 | 9.9     | ng    | 362273   | 3                     | 9.886  | 729460  | 20.0 |
| unknown10.575      | 10.575 | 5.6     | ng    | 203021   | 3                     | 9.886  | 729460  | 20.0 |
| Dodecane, 2,6,1... | 10.786 | 22.8    | ng    | 634659   | 4                     | 11.380 | 557680  | 20.0 |
| 1(2H)-Acenaphth... | 10.816 | 5.7     | ng    | 158953   | 4                     | 11.380 | 557680  | 20.0 |
| Heptacosane        | 11.251 | 10.6    | ng    | 295666   | 4                     | 11.380 | 557680  | 20.0 |
| 2,3-Dihydro-1-o... | 11.498 | 8.8     | ng    | 244512   | 4                     | 11.380 | 557680  | 20.0 |
| Methyl tetradec... | 11.751 | 8.8     | ng    | 245020   | 4                     | 11.380 | 557680  | 20.0 |
| n-Hexadecanoic ... | 11.904 | 6.9     | ng    | 191817   | 4                     | 11.380 | 557680  | 20.0 |
| 12-Octadecenoic... | 12.463 | 9.1     | ng    | 253016   | 4                     | 11.380 | 557680  | 20.0 |
| Benzoic acid, 2... | 13.880 | 6.3     | ng    | 160200   | 5                     | 14.027 | 507061  | 20.0 |