

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF030122\  
 Data File : BF127135.D  
 Acq On : 02 Mar 2022 00:14  
 Operator : CG\JU  
 Sample : N1709-10 10X  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PPSP-B4-17.5-18.0

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: BF127135.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         | 6.128       | 648           | 653         | 660          | rBV2     | 306412         | 504014        | 11.08%          | 0.372%        |
| 2         | 6.416       | 699           | 702         | 709          | rBV5     | 370870         | 695155        | 15.29%          | 0.512%        |
| 3         | 6.628       | 733           | 738         | 742          | rBV4     | 292350         | 473925        | 10.42%          | 0.349%        |
| 4         | 6.710       | 750           | 752         | 756          | rBV2     | 372854         | 476289        | 10.47%          | 0.351%        |
| 5         | 6.892       | 780           | 783         | 786          | rVB      | 1632421        | 1383734       | 30.43%          | 1.020%        |
| 6         | 7.028       | 804           | 806         | 811          | rBV3     | 513681         | 476533        | 10.48%          | 0.351%        |
| 7         | 7.157       | 826           | 828         | 831          | rVB2     | 1085442        | 982512        | 21.60%          | 0.724%        |
| 8         | 7.186       | 831           | 833         | 835          | rBV      | 523530         | 477842        | 10.51%          | 0.352%        |
| 9         | 7.210       | 835           | 837         | 843          | rVB2     | 943358         | 1455754       | 32.01%          | 1.073%        |
| 10        | 7.269       | 843           | 847         | 848          | rBV      | 790472         | 704784        | 15.50%          | 0.520%        |
| 11        | 7.286       | 848           | 850         | 852          | rVB      | 682530         | 539950        | 11.87%          | 0.398%        |
| 12        | 7.351       | 859           | 861         | 863          | rBV      | 564978         | 533765        | 11.74%          | 0.393%        |
| 13        | 7.422       | 868           | 873         | 876          | rBV2     | 1735751        | 1871833       | 41.16%          | 1.380%        |
| 14        | 7.463       | 876           | 880         | 883          | rVB4     | 788638         | 878655        | 19.32%          | 0.648%        |
| 15        | 7.533       | 887           | 892         | 895          | rBV5     | 1238921        | 1790105       | 39.36%          | 1.320%        |
| 16        | 7.592       | 895           | 902         | 906          | rBV5     | 694510         | 1710595       | 37.61%          | 1.261%        |
| 17        | 7.663       | 911           | 914         | 916          | rVV2     | 1017116        | 881054        | 19.37%          | 0.650%        |
| 18        | 7.686       | 916           | 918         | 922          | rVB2     | 1109688        | 1145134       | 25.18%          | 0.844%        |
| 19        | 7.775       | 928           | 933         | 934          | rBV2     | 651129         | 814932        | 17.92%          | 0.601%        |
| 20        | 7.792       | 934           | 936         | 938          | rVV2     | 768758         | 686727        | 15.10%          | 0.506%        |
| 21        | 7.827       | 938           | 942         | 943          | rVV2     | 927639         | 1321040       | 29.05%          | 0.974%        |
| 22        | 7.845       | 943           | 945         | 949          | rVB2     | 1216850        | 1454793       | 31.99%          | 1.072%        |
| 23        | 7.886       | 949           | 952         | 954          | rBV3     | 976351         | 1098062       | 24.14%          | 0.810%        |
| 24        | 7.916       | 954           | 957         | 959          | rVV2     | 1786758        | 1667690       | 36.67%          | 1.229%        |
| 25        | 7.939       | 959           | 961         | 963          | rVV2     | 919439         | 676467        | 14.87%          | 0.499%        |
| 26        | 7.963       | 963           | 965         | 967          | rVV      | 766974         | 582115        | 12.80%          | 0.429%        |
| 27        | 7.986       | 967           | 969         | 972          | rVB4     | 781160         | 838188        | 18.43%          | 0.618%        |
| 28        | 8.016       | 972           | 974         | 976          | rVB      | 980758         | 701013        | 15.41%          | 0.517%        |
| 29        | 8.045       | 976           | 979         | 982          | rVB2     | 913977         | 851279        | 18.72%          | 0.628%        |
| 30        | 8.122       | 987           | 992         | 996          | rBV6     | 816545         | 1645420       | 36.18%          | 1.213%        |
| 31        | 8.163       | 996           | 999         | 1001         | rVV      | 1629005        | 2099467       | 46.16%          | 1.548%        |
| 32        | 8.198       | 1004          | 1005        | 1007         | rVV2     | 1289846        | 898856        | 19.76%          | 0.663%        |
| 33        | 8.227       | 1007          | 1010        | 1013         | rVB2     | 2917962        | 3268918       | 71.88%          | 2.410%        |
| 34        | 8.263       | 1013          | 1016        | 1018         | rBV2     | 1190214        | 1207991       | 26.56%          | 0.891%        |
| 35        | 8.327       | 1023          | 1027        | 1028         | rBV3     | 585652         | 593666        | 13.05%          | 0.438%        |
| 36        | 8.374       | 1032          | 1035        | 1038         | rVB      | 2189795        | 1807765       | 39.75%          | 1.333%        |

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 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PPSP-B4-17.5-18.0

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 | 8.422  | 1038 | 1043 | 1046 | rBV2 | 1093765 | 1206744 | 26.53%  | 0.890% |
| 38 | 8.463  | 1046 | 1050 | 1055 | rVB5 | 1983990 | 2869347 | 63.09%  | 2.115% |
| 39 | 8.516  | 1055 | 1059 | 1063 | rVB4 | 1011650 | 1380581 | 30.36%  | 1.018% |
| 40 | 8.563  | 1063 | 1067 | 1069 | rBV2 | 1475595 | 1507628 | 33.15%  | 1.111% |
| 41 | 8.592  | 1069 | 1072 | 1074 | rBV  | 2437004 | 2110879 | 46.42%  | 1.556% |
| 42 | 8.616  | 1074 | 1076 | 1078 | rBV2 | 673672  | 496005  | 10.91%  | 0.366% |
| 43 | 8.645  | 1078 | 1081 | 1084 | rVB  | 910884  | 837805  | 18.42%  | 0.618% |
| 44 | 8.686  | 1084 | 1088 | 1090 | rBV  | 3881408 | 3243124 | 71.31%  | 2.391% |
| 45 | 8.769  | 1099 | 1102 | 1105 | rBV3 | 900598  | 1187489 | 26.11%  | 0.875% |
| 46 | 8.810  | 1105 | 1109 | 1111 | rVV4 | 554862  | 772815  | 16.99%  | 0.570% |
| 47 | 8.845  | 1112 | 1115 | 1117 | rVV  | 1458276 | 1687749 | 37.11%  | 1.244% |
| 48 | 8.898  | 1121 | 1124 | 1126 | rVB  | 2768790 | 2210371 | 48.60%  | 1.630% |
| 49 | 8.927  | 1126 | 1129 | 1131 | rVB3 | 615651  | 504113  | 11.08%  | 0.372% |
| 50 | 8.957  | 1131 | 1134 | 1136 | rBV2 | 557141  | 780426  | 17.16%  | 0.575% |
| 51 | 9.004  | 1138 | 1142 | 1144 | rVV2 | 3208133 | 3492339 | 76.79%  | 2.575% |
| 52 | 9.039  | 1147 | 1148 | 1150 | rVV2 | 702753  | 475978  | 10.47%  | 0.351% |
| 53 | 9.080  | 1153 | 1155 | 1159 | rVB4 | 1034211 | 1296715 | 28.51%  | 0.956% |
| 54 | 9.121  | 1159 | 1162 | 1164 | rBV  | 1196680 | 1093520 | 24.04%  | 0.806% |
| 55 | 9.198  | 1172 | 1175 | 1177 | rBV  | 2610689 | 2487508 | 54.70%  | 1.834% |
| 56 | 9.216  | 1177 | 1178 | 1181 | rVB2 | 829162  | 672596  | 14.79%  | 0.496% |
| 57 | 9.339  | 1194 | 1199 | 1201 | rBV3 | 1066938 | 1469795 | 32.32%  | 1.084% |
| 58 | 9.410  | 1208 | 1211 | 1213 | rVV  | 1903606 | 1815697 | 39.92%  | 1.339% |
| 59 | 9.433  | 1213 | 1215 | 1217 | rVV2 | 733375  | 880432  | 19.36%  | 0.649% |
| 60 | 9.457  | 1217 | 1219 | 1224 | rVV  | 1428280 | 1648758 | 36.25%  | 1.215% |
| 61 | 9.533  | 1227 | 1232 | 1235 | rVV2 | 2786213 | 4246694 | 93.38%  | 3.131% |
| 62 | 9.574  | 1236 | 1239 | 1240 | rVV3 | 610887  | 696320  | 15.31%  | 0.513% |
| 63 | 9.604  | 1240 | 1244 | 1246 | rVV  | 3464446 | 4547825 | 100.00% | 3.353% |
| 64 | 9.627  | 1246 | 1248 | 1250 | rVV2 | 2656339 | 2903423 | 63.84%  | 2.140% |
| 65 | 9.651  | 1250 | 1252 | 1255 | rVV2 | 3589320 | 3315736 | 72.91%  | 2.444% |
| 66 | 9.680  | 1255 | 1257 | 1260 | rVV2 | 864514  | 869522  | 19.12%  | 0.641% |
| 67 | 9.716  | 1260 | 1263 | 1265 | rVV2 | 1866708 | 1910085 | 42.00%  | 1.408% |
| 68 | 9.757  | 1268 | 1270 | 1271 | rVB  | 710300  | 477760  | 10.51%  | 0.352% |
| 69 | 9.798  | 1275 | 1277 | 1281 | rVV2 | 1138465 | 1022061 | 22.47%  | 0.753% |
| 70 | 9.921  | 1295 | 1298 | 1300 | rBV  | 1112902 | 984413  | 21.65%  | 0.726% |
| 71 | 9.974  | 1303 | 1307 | 1310 | rBV4 | 699932  | 1033195 | 22.72%  | 0.762% |
| 72 | 10.045 | 1315 | 1319 | 1323 | rBV  | 1663627 | 2336566 | 51.38%  | 1.723% |
| 73 | 10.086 | 1323 | 1326 | 1329 | rBV3 | 607801  | 786665  | 17.30%  | 0.580% |
| 74 | 10.121 | 1329 | 1332 | 1333 | rBV3 | 646794  | 615639  | 13.54%  | 0.454% |
| 75 | 10.139 | 1333 | 1335 | 1339 | rVB2 | 1887510 | 1827258 | 40.18%  | 1.347% |
| 76 | 10.180 | 1339 | 1342 | 1351 | rVB3 | 2294847 | 3119879 | 68.60%  | 2.300% |

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Instrument :  
 BNA\_F  
 ClientSampleId :  
 PPSP-B4-17.5-18.0

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  | 10.257 | 1351 | 1355 | 1358 | rBV  | 1676487 | 1872036 | 41.16% | 1.380% |
| 78  | 10.286 | 1358 | 1360 | 1366 | rVB3 | 1527057 | 1614899 | 35.51% | 1.191% |
| 79  | 10.345 | 1366 | 1370 | 1372 | rBV2 | 1155777 | 1462764 | 32.16% | 1.078% |
| 80  | 10.480 | 1388 | 1393 | 1396 | rBV4 | 839042  | 1495972 | 32.89% | 1.103% |
| 81  | 10.580 | 1404 | 1410 | 1416 | rVB3 | 2659377 | 4175392 | 91.81% | 3.078% |
| 82  | 10.633 | 1416 | 1419 | 1424 | rVB4 | 644162  | 1042426 | 22.92% | 0.768% |
| 83  | 10.704 | 1428 | 1431 | 1433 | rVB3 | 524629  | 515072  | 11.33% | 0.380% |
| 84  | 10.763 | 1439 | 1441 | 1445 | rVB2 | 581575  | 552318  | 12.14% | 0.407% |
| 85  | 10.851 | 1451 | 1456 | 1459 | rBV  | 4175683 | 4138659 | 91.00% | 3.051% |
| 86  | 10.927 | 1463 | 1469 | 1471 | rBV3 | 603968  | 832376  | 18.30% | 0.614% |
| 87  | 11.027 | 1483 | 1486 | 1489 | rBV4 | 379707  | 531566  | 11.69% | 0.392% |
| 88  | 11.068 | 1490 | 1493 | 1496 | rVB4 | 900645  | 835867  | 18.38% | 0.616% |
| 89  | 11.174 | 1509 | 1511 | 1517 | rVV4 | 611510  | 937182  | 20.61% | 0.691% |
| 90  | 11.310 | 1530 | 1534 | 1541 | rVB  | 2419934 | 3087259 | 67.88% | 2.276% |
| 91  | 11.427 | 1551 | 1554 | 1556 | rBV2 | 689852  | 747394  | 16.43% | 0.551% |
| 92  | 11.457 | 1556 | 1559 | 1561 | rVB  | 631889  | 566524  | 12.46% | 0.418% |
| 93  | 11.657 | 1590 | 1593 | 1597 | rBV2 | 694466  | 765639  | 16.84% | 0.564% |
| 94  | 11.757 | 1606 | 1610 | 1616 | rVB6 | 407768  | 759318  | 16.70% | 0.560% |
| 95  | 11.933 | 1637 | 1640 | 1642 | rBV  | 799326  | 712908  | 15.68% | 0.526% |
| 96  | 11.962 | 1642 | 1645 | 1648 | rVB  | 918548  | 813665  | 17.89% | 0.600% |
| 97  | 12.068 | 1661 | 1663 | 1669 | rVB2 | 471633  | 580149  | 12.76% | 0.428% |
| 98  | 12.480 | 1730 | 1733 | 1736 | rBV  | 656492  | 566452  | 12.46% | 0.418% |
| 99  | 14.068 | 1999 | 2003 | 2007 | rBV  | 630615  | 538374  | 11.84% | 0.397% |
| 100 | 15.562 | 2252 | 2257 | 2262 | rVB  | 392117  | 485231  | 10.67% | 0.358% |

Sum of corrected areas: 135646919



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ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PPSP-B4-17.5-18.0

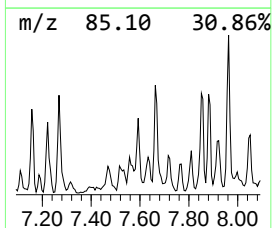
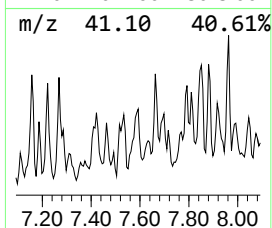
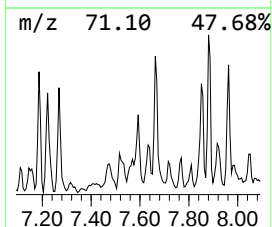
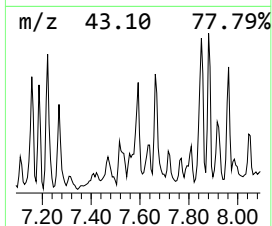
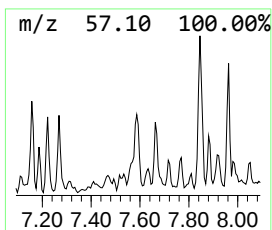
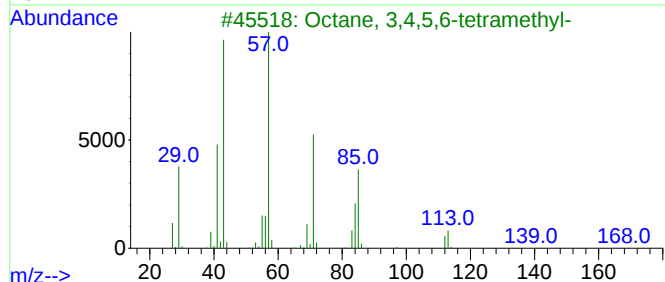
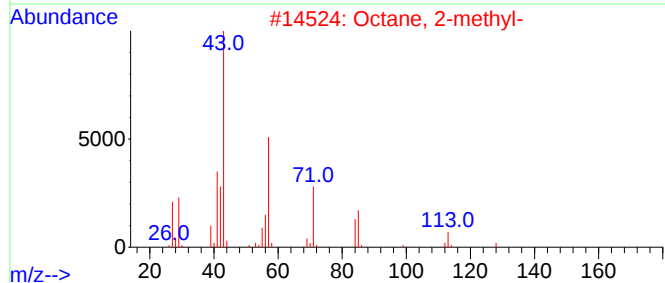
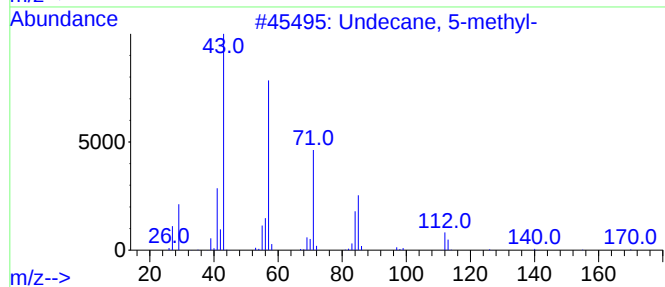
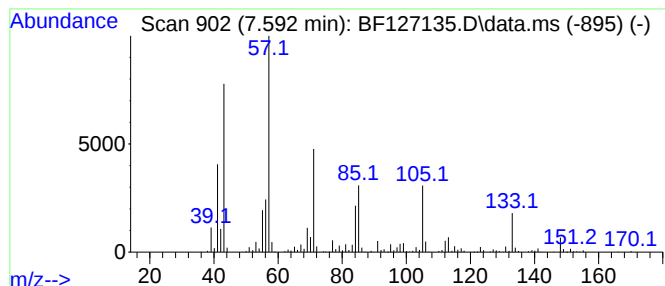
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF021622.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 1 Undecane, 5-methyl- Concentration Rank 16

| R.T.  | EstConc  | Area    | Relative to ISTD | R.T.  |
|-------|----------|---------|------------------|-------|
| 7.592 | 38.06 ng | 1710600 | Naphthalene-d8   | 8.180 |

| Hit# | of | 5 | Tentative ID                 | MW  | MolForm | CAS#        | Qual |
|------|----|---|------------------------------|-----|---------|-------------|------|
| 1    |    |   | Undecane, 5-methyl-          | 170 | C12H26  | 001632-70-8 | 70   |
| 2    |    |   | Octane, 2-methyl-            | 128 | C9H20   | 003221-61-2 | 59   |
| 3    |    |   | Octane, 3,4,5,6-tetramethyl- | 170 | C12H26  | 062185-21-1 | 58   |
| 4    |    |   | Undecane, 3-methyl-          | 170 | C12H26  | 001002-43-3 | 49   |
| 5    |    |   | Dodecane, 2,6,11-trimethyl-  | 212 | C15H32  | 031295-56-4 | 47   |



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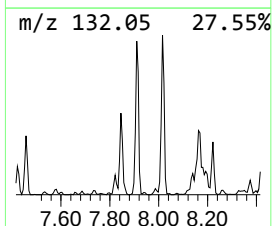
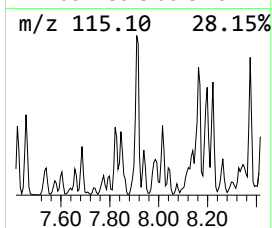
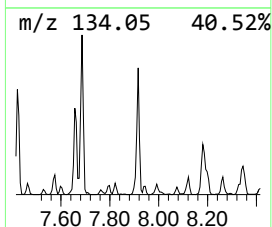
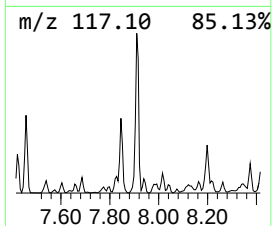
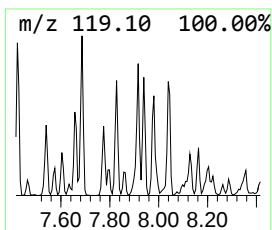
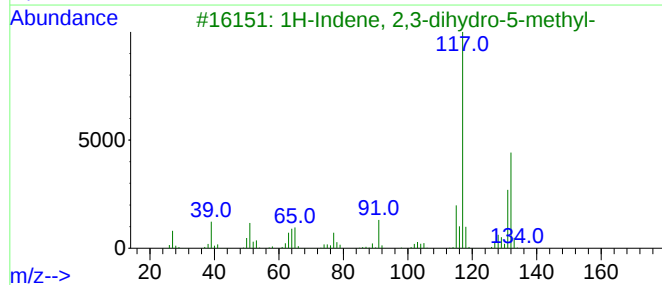
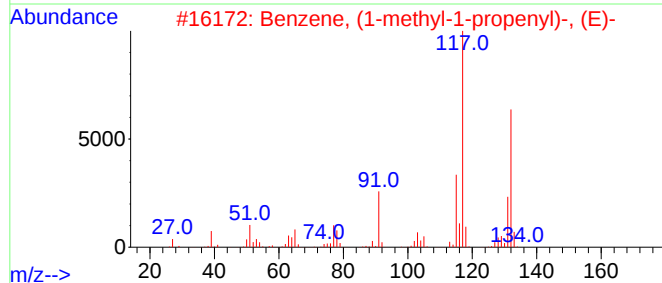
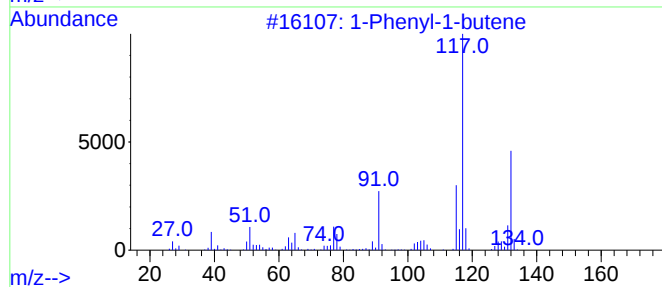
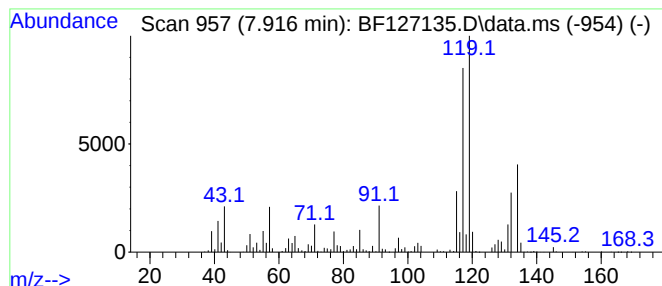
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF021622.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 2 1-Phenyl-1-butene Concentration Rank 20

| R.T.  | EstConc  | Area    | Relative to ISTD | R.T.  |
|-------|----------|---------|------------------|-------|
| 7.916 | 37.11 ng | 1667690 | Naphthalene-d8   | 8.180 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | 1-Phenyl-1-butene                   | 132 | C10H12  | 000824-90-8 | 86   |
| 2    |    |   | Benzene, (1-methyl-1-propenyl)-,... | 132 | C10H12  | 000768-00-3 | 50   |
| 3    |    |   | 1H-Indene, 2,3-dihydro-5-methyl-    | 132 | C10H12  | 000874-35-1 | 46   |
| 4    |    |   | Benzene, 1-ethenyl-3-ethyl-         | 132 | C10H12  | 007525-62-4 | 46   |
| 5    |    |   | 3-Phenylbut-1-ene                   | 132 | C10H12  | 000934-10-1 | 45   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF030122\  
Data File : BF127135.D  
Acq On : 02 Mar 2022 00:14  
Operator : CG\JU  
Sample : N1709-10 10X  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PPSP-B4-17.5-18.0

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

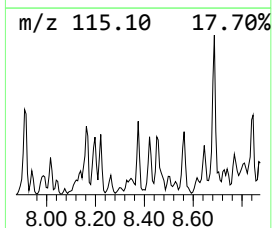
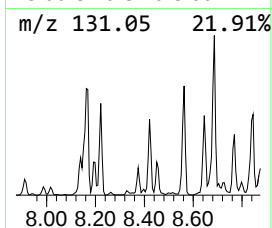
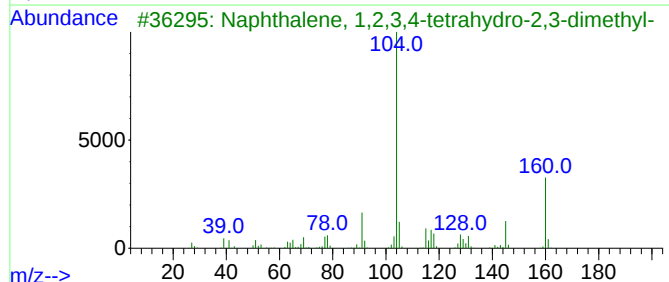
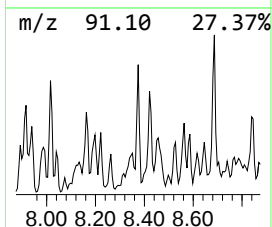
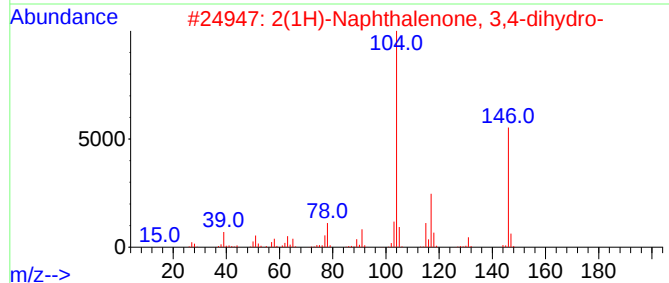
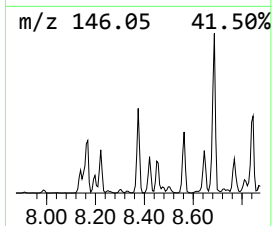
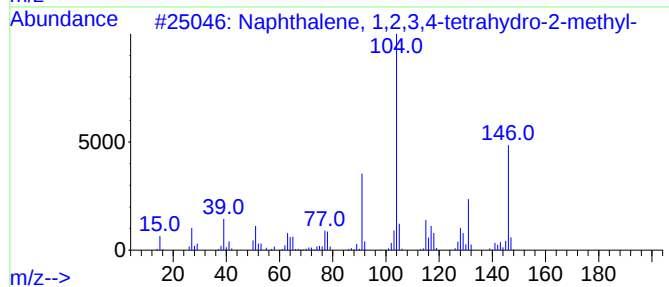
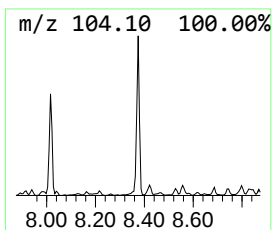
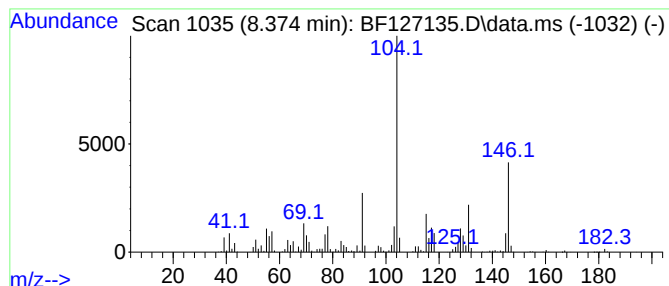
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Peak Number 3 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 14

| R.T.  | EstConc  | Area    | Relative to ISTD | R.T.  |
|-------|----------|---------|------------------|-------|
| 8.374 | 40.22 ng | 1807770 | Naphthalene-d8   | 8.180 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Naphthalene, 1,2,3,4-tetrahydro-... | 146 | C11H14  | 003877-19-8 | 87   |
| 2    |    |   | 2(1H)-Naphthalenone, 3,4-dihydro-   | 146 | C10H10O | 000530-93-8 | 53   |
| 3    |    |   | Naphthalene, 1,2,3,4-tetrahydro-... | 160 | C12H16  | 021564-92-1 | 50   |
| 4    |    |   | 2-Methylbenzyl cyanide              | 131 | C9H9N   | 022364-68-7 | 49   |
| 5    |    |   | Benzene, 1,1'-(1,2-cyclobutanedi... | 208 | C16H16  | 020071-09-4 | 35   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF030122\  
Data File : BF127135.D  
Acq On : 02 Mar 2022 00:14  
Operator : CG\JU  
Sample : N1709-10 10X  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PPSP-B4-17.5-18.0

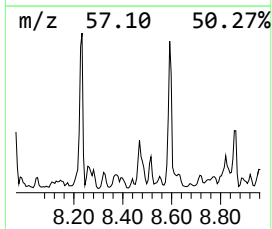
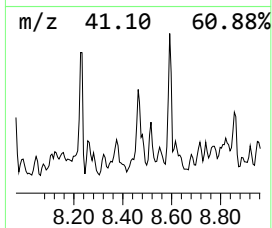
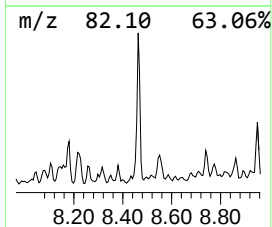
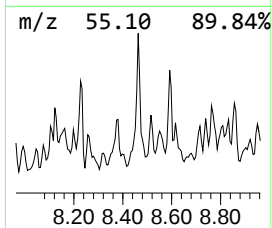
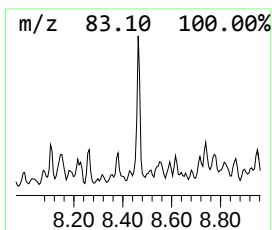
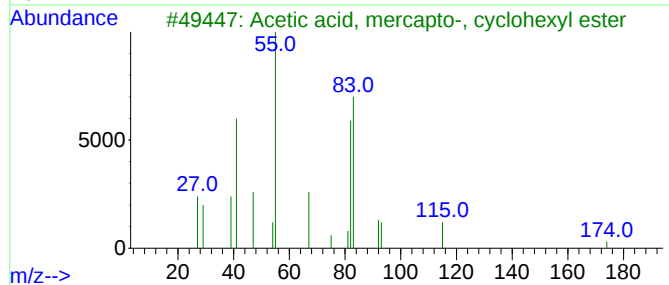
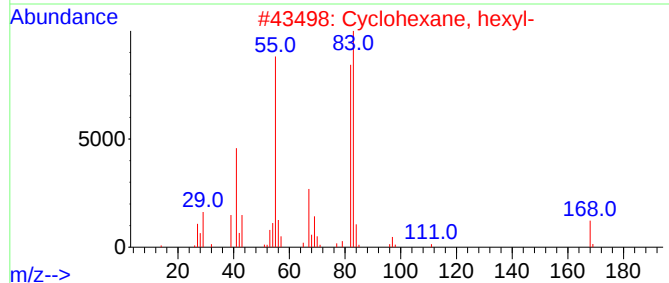
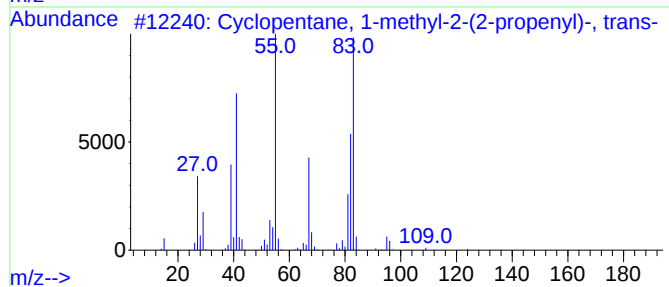
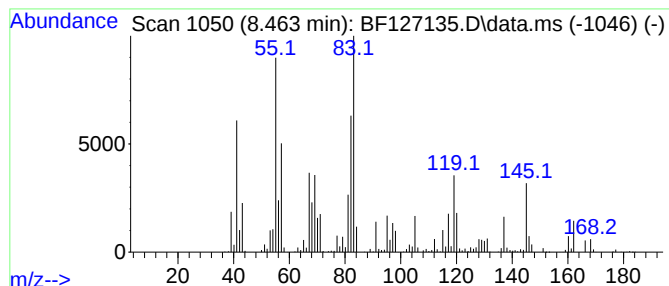
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 4 Cyclopentane, 1-methyl-2-(2... Concentration Rank 8

| R.T.  | EstConc  | Area    | Relative to ISTD | R.T.  |
|-------|----------|---------|------------------|-------|
| 8.463 | 63.84 ng | 2869350 | Naphthalene-d8   | 8.180 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | Cyclopentane, 1-methyl-2-(2-prop... | 124 | C9H16    | 050746-53-7 | 55   |
| 2    |    |   | Cyclohexane, hexyl-                 | 168 | C12H24   | 004292-75-5 | 46   |
| 3    |    |   | Acetic acid, mercapto-, cyclohex... | 174 | C8H14O2S | 016849-98-2 | 43   |
| 4    |    |   | Cyclohexane, 2-propenyl-            | 124 | C9H16    | 002114-42-3 | 43   |
| 5    |    |   | Cyclohexane, (4-methylpentyl)-      | 168 | C12H24   | 061142-20-9 | 43   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF030122\  
Data File : BF127135.D  
Acq On : 02 Mar 2022 00:14  
Operator : CG\JU  
Sample : N1709-10 10X  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PPSP-B4-17.5-18.0

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

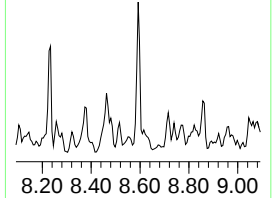
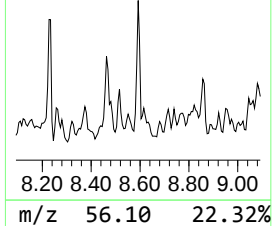
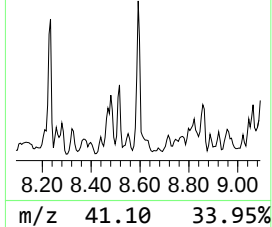
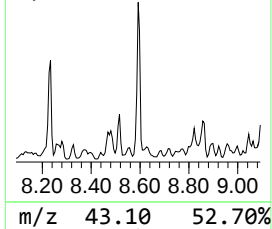
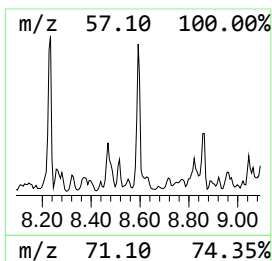
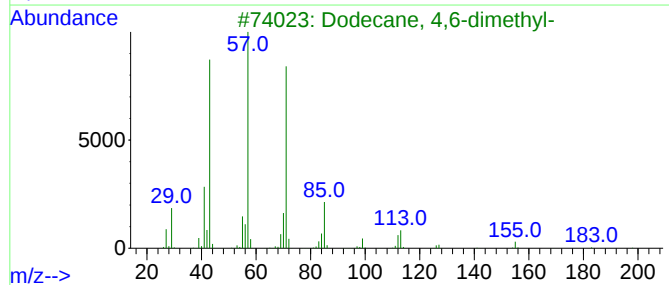
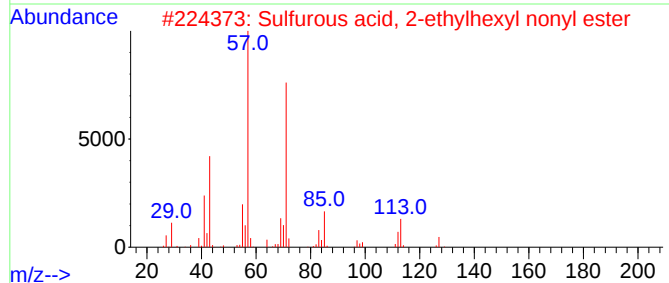
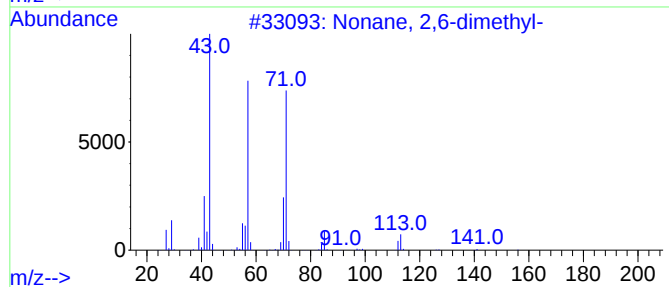
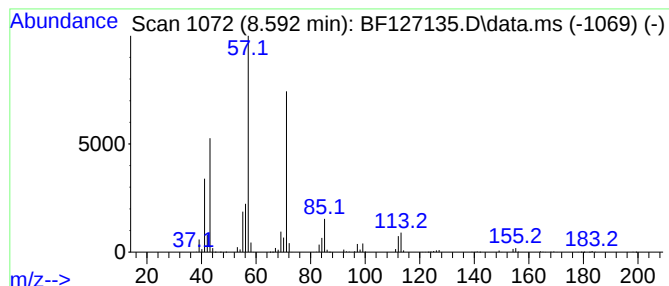
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Peak Number 5 Nonane, 2,6-dimethyl- Concentration Rank 13

| R.T.  | EstConc  | Area    | Relative to ISTD | R.T.  |
|-------|----------|---------|------------------|-------|
| 8.592 | 46.97 ng | 2110880 | Naphthalene-d8   | 8.180 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | Nonane, 2,6-dimethyl-               | 156 | C11H24    | 017302-28-2  | 80   |
| 2    |    |   | Sulfurous acid, 2-ethylhexyl non... | 320 | C17H36O3S | 1010309-19-2 | 72   |
| 3    |    |   | Dodecane, 4,6-dimethyl-             | 198 | C14H30    | 061141-72-8  | 72   |
| 4    |    |   | Dodecane, 2,7,10-trimethyl-         | 212 | C15H32    | 074645-98-0  | 72   |
| 5    |    |   | Sulfurous acid, 2-ethylhexyl pen... | 264 | C13H28O3S | 1000309-18-9 | 64   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF030122\  
Data File : BF127135.D  
Acq On : 02 Mar 2022 00:14  
Operator : CG\JU  
Sample : N1709-10 10X  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PPSP-B4-17.5-18.0

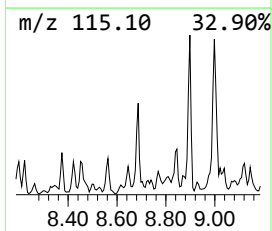
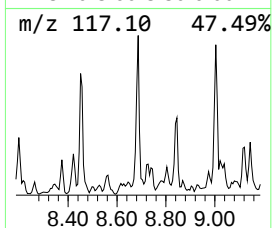
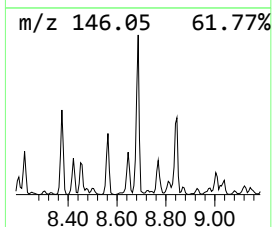
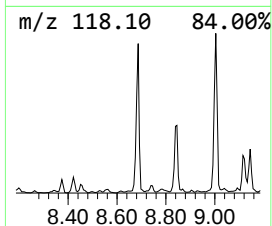
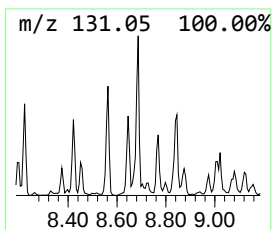
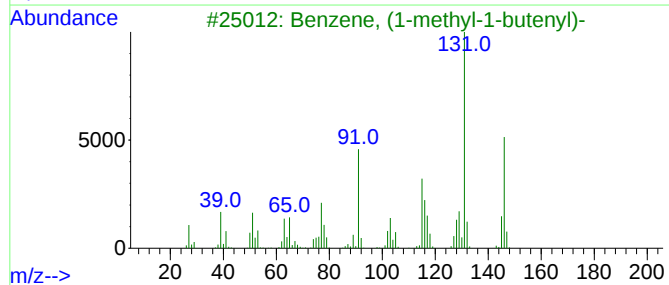
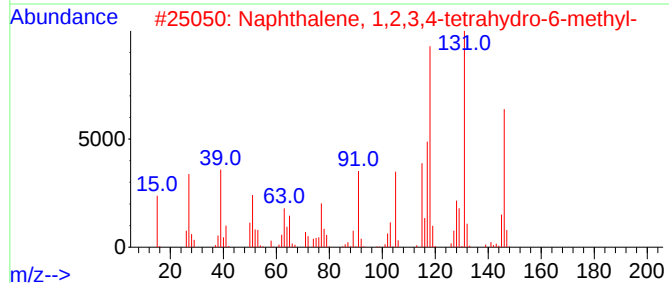
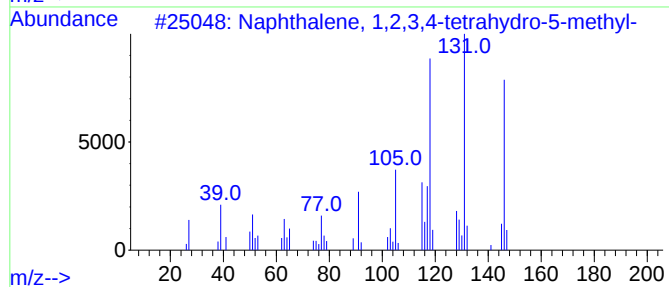
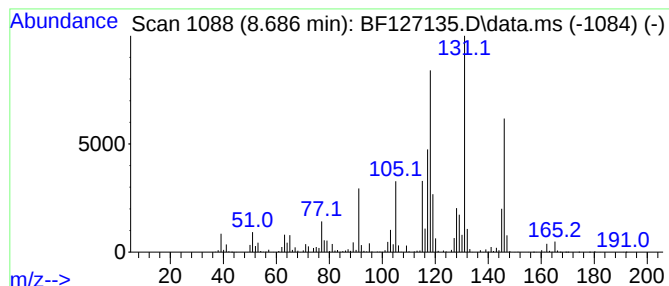
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 6 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 6

| R.T.  | EstConc  | Area    | Relative to ISTD | R.T.  |
|-------|----------|---------|------------------|-------|
| 8.686 | 72.16 ng | 3243120 | Naphthalene-d8   | 8.180 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|---------|--------------|------|
| 1    |    |   | Naphthalene, 1,2,3,4-tetrahydro-... | 146 | C11H14  | 002809-64-5  | 95   |
| 2    |    |   | Naphthalene, 1,2,3,4-tetrahydro-... | 146 | C11H14  | 001680-51-9  | 94   |
| 3    |    |   | Benzene, (1-methyl-1-butenyl)-      | 146 | C11H14  | 053172-84-2  | 70   |
| 4    |    |   | 2,3,4,5,6,7-Hexahydro-1H-cyclope... | 146 | C11H14  | 1010189-31-0 | 58   |
| 5    |    |   | 1H-Indene, 2,3-dihydro-4,7-dimet... | 146 | C11H14  | 006682-71-9  | 55   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF030122\  
Data File : BF127135.D  
Acq On : 02 Mar 2022 00:14  
Operator : CG\JU  
Sample : N1709-10 10X  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

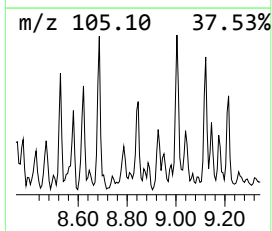
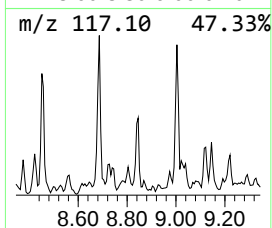
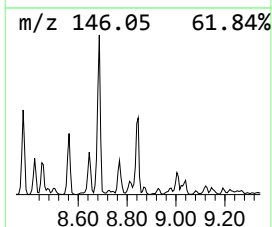
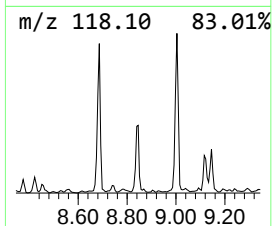
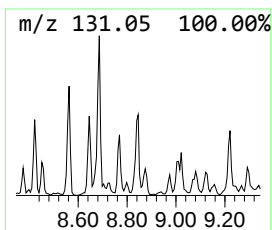
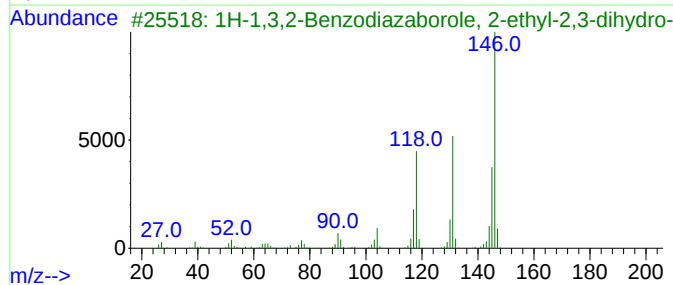
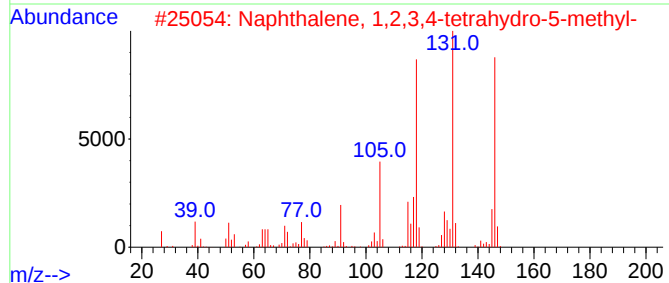
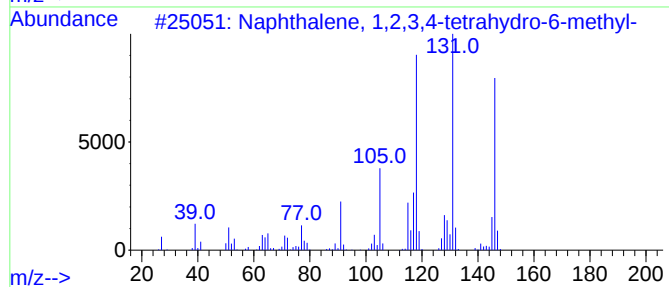
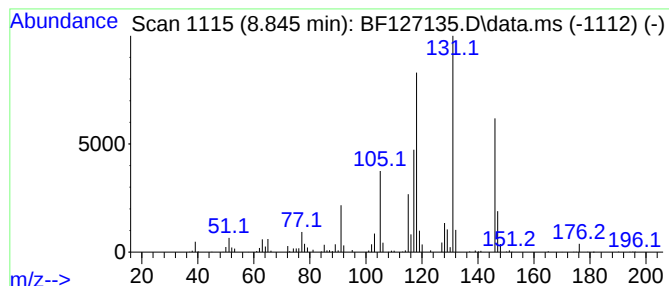
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ClientSampleId :  
PPSP-B4-17.5-18.0

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

\*\*\*\*\*  
Peak Number 7 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 18

| R.T.      | EstConc                             | Area    | Relative to ISTD | R.T.         |      |
|-----------|-------------------------------------|---------|------------------|--------------|------|
| 8.845     | 37.55 ng                            | 1687750 | Naphthalene-d8   | 8.180        |      |
| Hit# of 5 | Tentative ID                        | MW      | MolForm          | CAS#         | Qual |
| 1         | Naphthalene, 1,2,3,4-tetrahydro-... | 146     | C11H14           | 001680-51-9  | 91   |
| 2         | Naphthalene, 1,2,3,4-tetrahydro-... | 146     | C11H14           | 002809-64-5  | 91   |
| 3         | 1H-1,3,2-Benzodiazaborole, 2-eth... | 146     | C8H11BN2         | 074663-81-3  | 87   |
| 4         | 2,3,4,5,6,7-Hexahydro-1H-cyclope... | 146     | C11H14           | 1010189-31-0 | 58   |
| 5         | Benzene, 1-methyl-4-(1-methyl-2-... | 146     | C11H14           | 097664-18-1  | 53   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF030122\  
Data File : BF127135.D  
Acq On : 02 Mar 2022 00:14  
Operator : CG\JU  
Sample : N1709-10 10X  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PPSP-B4-17.5-18.0

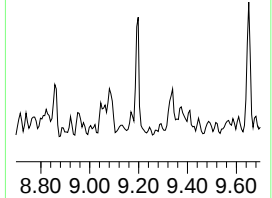
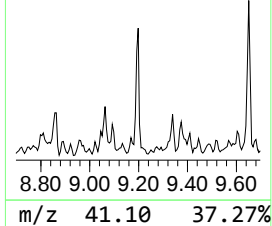
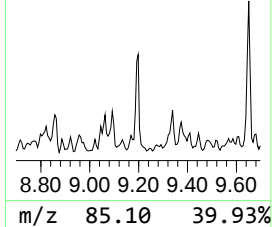
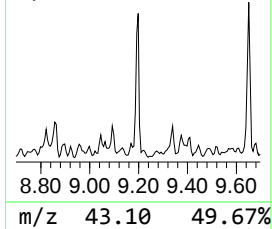
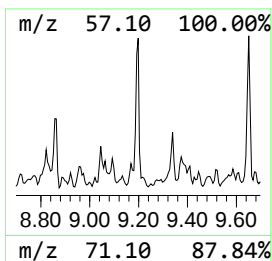
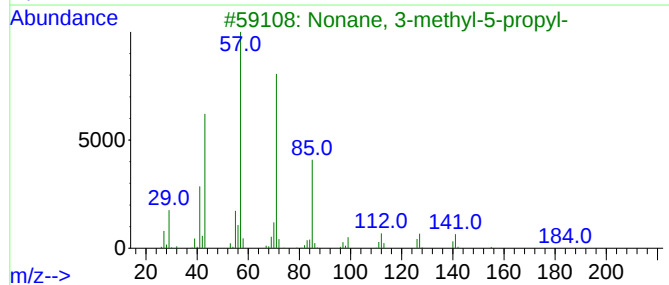
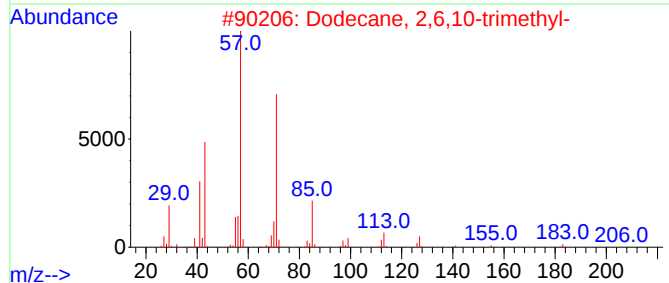
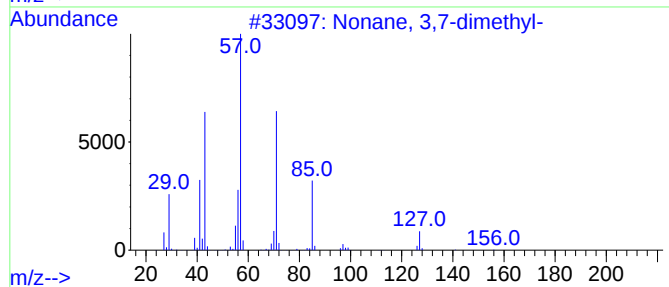
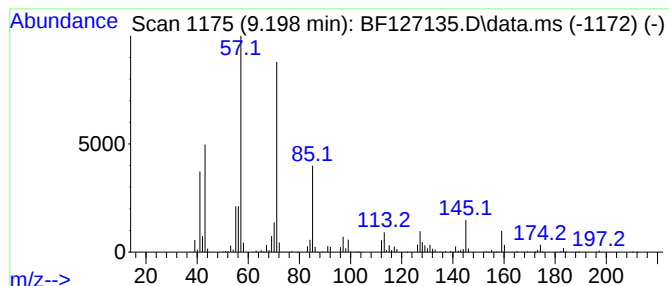
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 8 Nonane, 3,7-dimethyl- Concentration Rank 11

| R.T.  | EstConc  | Area    | Relative to ISTD | R.T.  |
|-------|----------|---------|------------------|-------|
| 9.198 | 50.54 ng | 2487510 | Acenaphthene-d10 | 9.939 |

| Hit# | of | 5 | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------------|-----|---------|-------------|------|
| 1    |    |   | Nonane, 3,7-dimethyl-       | 156 | C11H24  | 017302-32-8 | 81   |
| 2    |    |   | Dodecane, 2,6,10-trimethyl- | 212 | C15H32  | 003891-98-3 | 64   |
| 3    |    |   | Nonane, 3-methyl-5-propyl-  | 184 | C13H28  | 031081-18-2 | 59   |
| 4    |    |   | Nonane, 5-butyl-            | 184 | C13H28  | 017312-63-9 | 58   |
| 5    |    |   | Dodecane, 2,7,10-trimethyl- | 212 | C15H32  | 074645-98-0 | 58   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF030122\  
Data File : BF127135.D  
Acq On : 02 Mar 2022 00:14  
Operator : CG\JU  
Sample : N1709-10 10X  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PPSP-B4-17.5-18.0

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

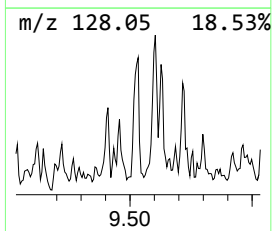
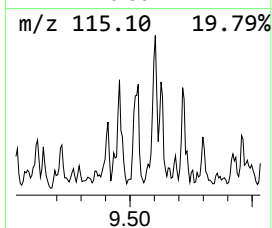
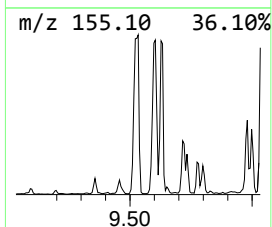
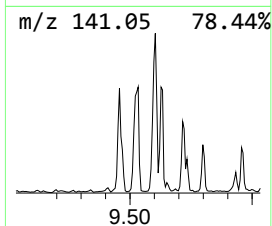
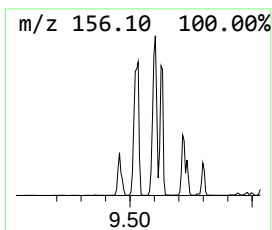
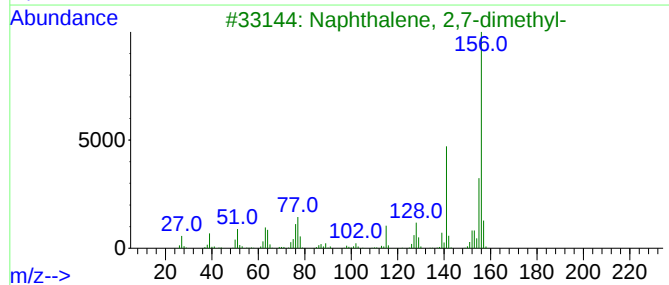
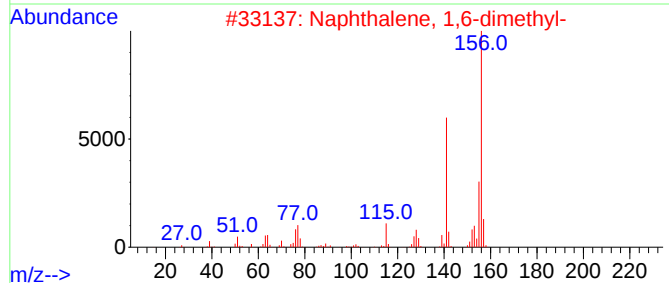
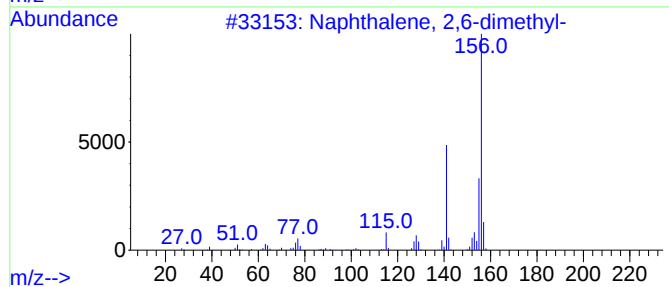
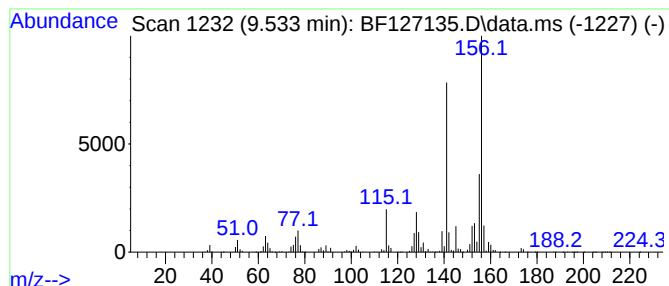
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TIC Integration Parameters: LSCINT.P

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Peak Number 9 Naphthalene, 2,6-dimethyl- Concentration Rank 3

| R.T.  | EstConc  | Area    | Relative to ISTD | R.T.  |
|-------|----------|---------|------------------|-------|
| 9.533 | 86.28 ng | 4246690 | Acenaphthene-d10 | 9.939 |

| Hit# | of | 5 | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------|-----|---------|-------------|------|
| 1    |    |   | Naphthalene, 2,6-dimethyl- | 156 | C12H12  | 000581-42-0 | 97   |
| 2    |    |   | Naphthalene, 1,6-dimethyl- | 156 | C12H12  | 000575-43-9 | 95   |
| 3    |    |   | Naphthalene, 2,7-dimethyl- | 156 | C12H12  | 000582-16-1 | 95   |
| 4    |    |   | Naphthalene, 1,4-dimethyl- | 156 | C12H12  | 000571-58-4 | 95   |
| 5    |    |   | Naphthalene, 1,5-dimethyl- | 156 | C12H12  | 000571-61-9 | 95   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF030122\  
Data File : BF127135.D  
Acq On : 02 Mar 2022 00:14  
Operator : CG\JU  
Sample : N1709-10 10X  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PPSP-B4-17.5-18.0

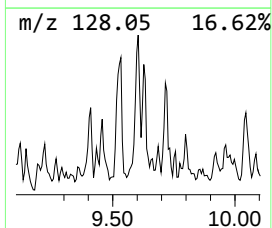
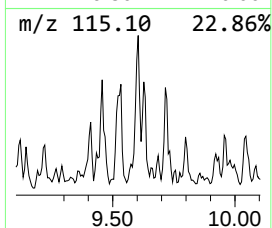
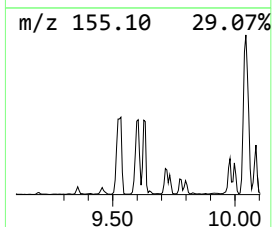
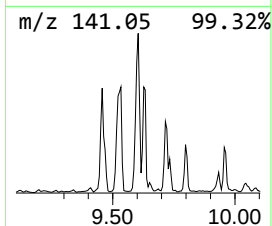
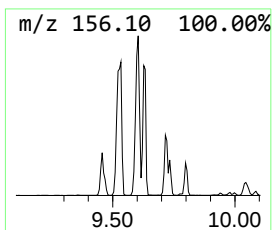
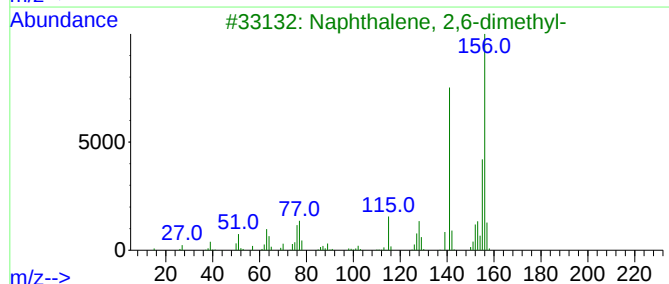
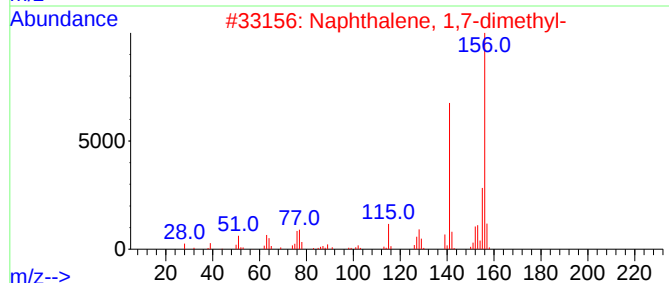
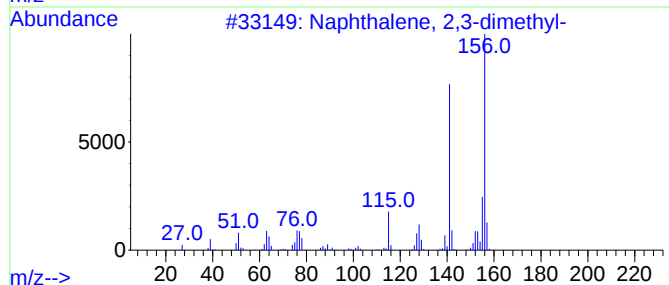
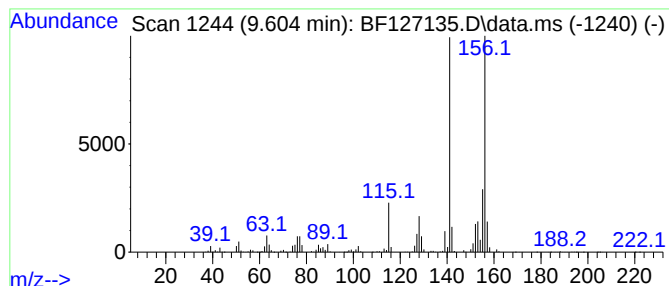
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 10 Naphthalene, 2,3-dimethyl- Concentration Rank 2

| R.T.  | EstConc  | Area    | Relative to ISTD | R.T.  |
|-------|----------|---------|------------------|-------|
| 9.604 | 92.40 ng | 4547830 | Acenaphthene-d10 | 9.939 |

| Hit# | of | 5 | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------|-----|---------|-------------|------|
| 1    |    |   | Naphthalene, 2,3-dimethyl- | 156 | C12H12  | 000581-40-8 | 97   |
| 2    |    |   | Naphthalene, 1,7-dimethyl- | 156 | C12H12  | 000575-37-1 | 97   |
| 3    |    |   | Naphthalene, 2,6-dimethyl- | 156 | C12H12  | 000581-42-0 | 97   |
| 4    |    |   | Naphthalene, 1,4-dimethyl- | 156 | C12H12  | 000571-58-4 | 96   |
| 5    |    |   | Naphthalene, 1,6-dimethyl- | 156 | C12H12  | 000575-43-9 | 96   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF030122\  
Data File : BF127135.D  
Acq On : 02 Mar 2022 00:14  
Operator : CG\JU  
Sample : N1709-10 10X  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PPSP-B4-17.5-18.0

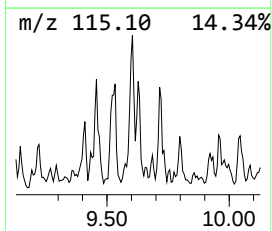
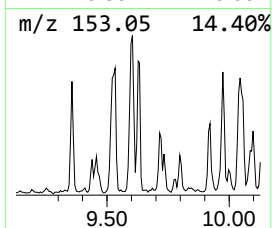
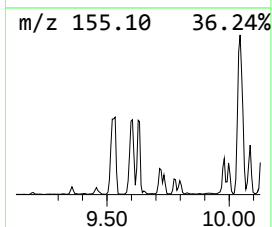
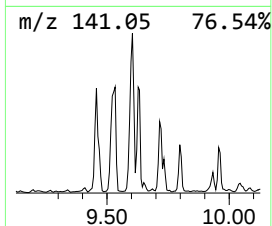
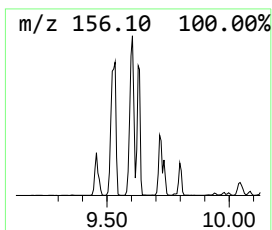
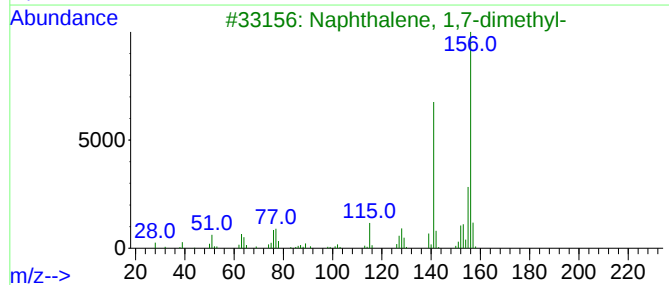
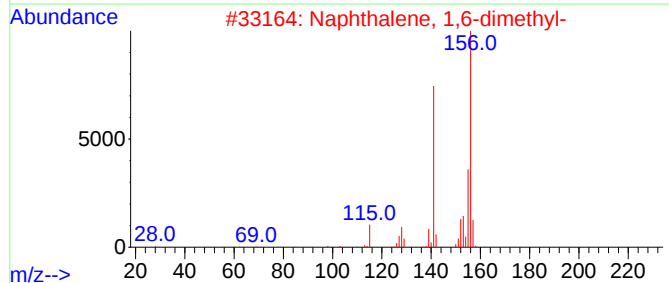
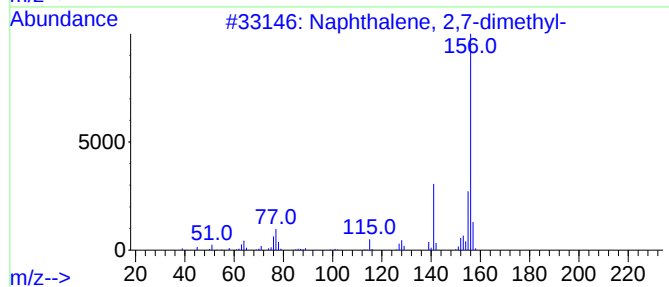
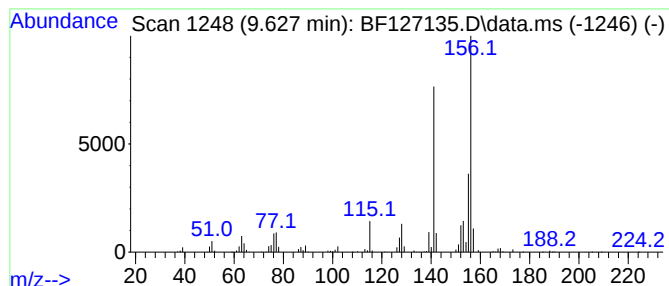
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 11 Naphthalene, 2,7-dimethyl- Concentration Rank 10

| R.T.  | EstConc  | Area    | Relative to ISTD | R.T.  |
|-------|----------|---------|------------------|-------|
| 9.627 | 58.99 ng | 2903420 | Acenaphthene-d10 | 9.939 |

| Hit# | of | 5 | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------|-----|---------|-------------|------|
| 1    |    |   | Naphthalene, 2,7-dimethyl- | 156 | C12H12  | 000582-16-1 | 95   |
| 2    |    |   | Naphthalene, 1,6-dimethyl- | 156 | C12H12  | 000575-43-9 | 94   |
| 3    |    |   | Naphthalene, 1,7-dimethyl- | 156 | C12H12  | 000575-37-1 | 94   |
| 4    |    |   | Naphthalene, 1,5-dimethyl- | 156 | C12H12  | 000571-61-9 | 94   |
| 5    |    |   | Naphthalene, 2,3-dimethyl- | 156 | C12H12  | 000581-40-8 | 94   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF030122\  
Data File : BF127135.D  
Acq On : 02 Mar 2022 00:14  
Operator : CG\JU  
Sample : N1709-10 10X  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PPSP-B4-17.5-18.0

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

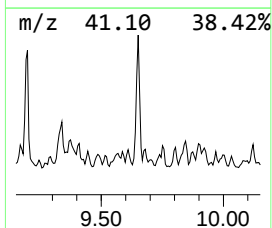
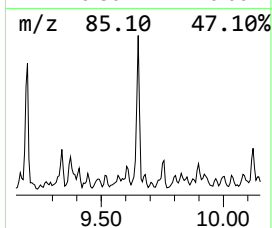
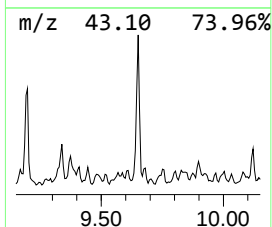
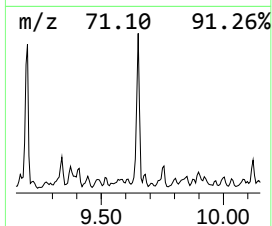
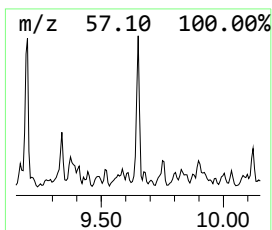
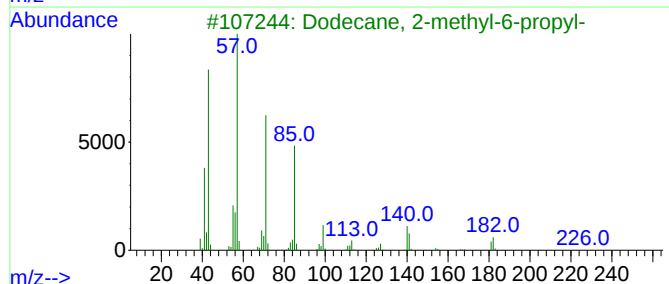
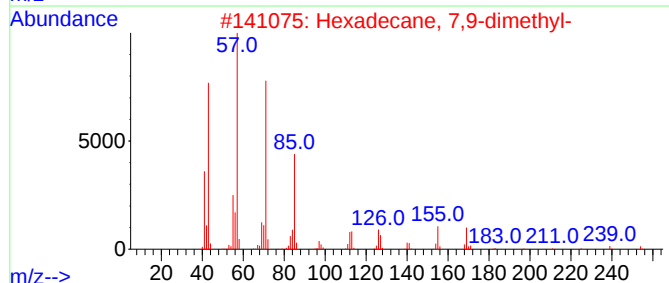
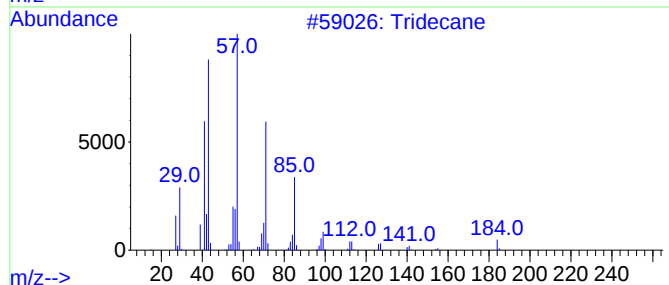
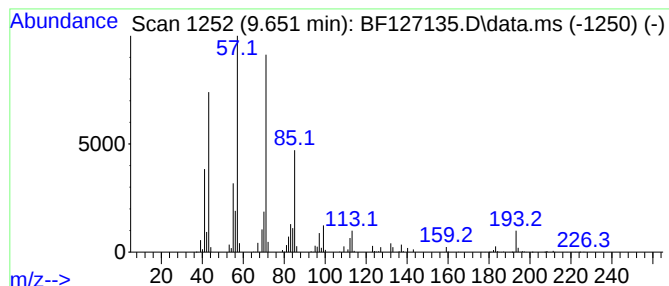
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TIC Integration Parameters: LSCINT.P

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Peak Number 12 Tridecane Concentration Rank 7

| R.T.  | EstConc  | Area    | Relative to ISTD | R.T.  |
|-------|----------|---------|------------------|-------|
| 9.651 | 67.36 ng | 3315740 | Acenaphthene-d10 | 9.939 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|----------|--------------|------|
| 1    |    |   | Tridecane                           | 184 | C13H28   | 000629-50-5  | 90   |
| 2    |    |   | Hexadecane, 7,9-dimethyl-           | 254 | C18H38   | 021164-95-4  | 80   |
| 3    |    |   | Dodecane, 2-methyl-6-propyl-        | 226 | C16H34   | 055045-08-4  | 80   |
| 4    |    |   | Heptadecane, 2,6,10,15-tetramethyl- | 296 | C21H44   | 054833-48-6  | 78   |
| 5    |    |   | Carbonic acid, eicosyl vinyl ester  | 368 | C23H44O3 | 1000382-54-3 | 78   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF030122\  
Data File : BF127135.D  
Acq On : 02 Mar 2022 00:14  
Operator : CG\JU  
Sample : N1709-10 10X  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PPSP-B4-17.5-18.0

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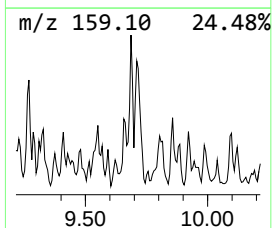
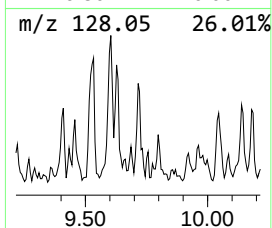
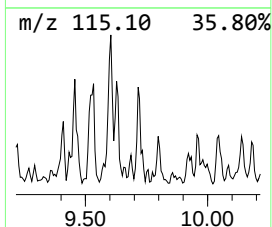
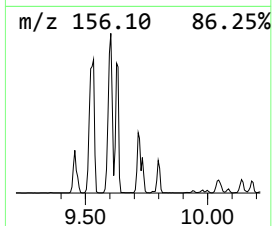
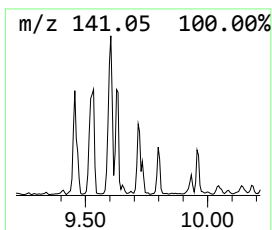
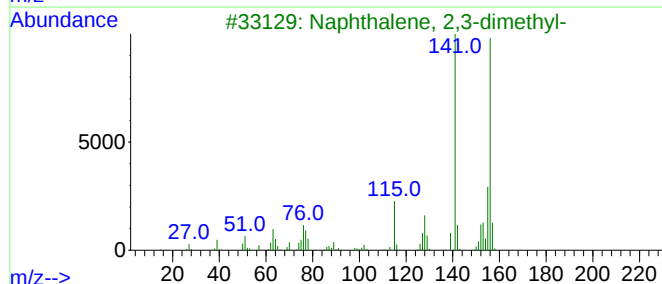
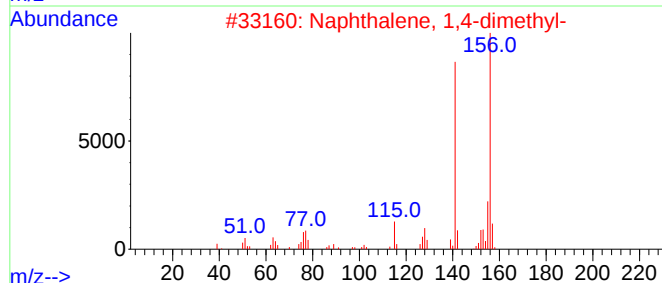
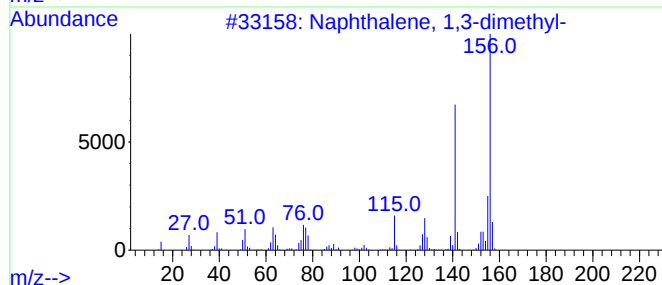
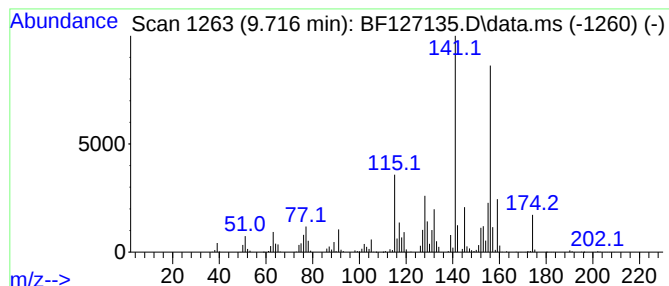
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TIC Integration Parameters: LSCINT.P

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Peak Number 13 Naphthalene, 1,3-dimethyl- Concentration Rank 15

| R.T.  | EstConc  | Area    | Relative to ISTD | R.T.  |
|-------|----------|---------|------------------|-------|
| 9.716 | 38.81 ng | 1910090 | Acenaphthene-d10 | 9.939 |

| Hit# | of | 5 | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------|-----|---------|-------------|------|
| 1    |    |   | Naphthalene, 1,3-dimethyl- | 156 | C12H12  | 000575-41-7 | 94   |
| 2    |    |   | Naphthalene, 1,4-dimethyl- | 156 | C12H12  | 000571-58-4 | 93   |
| 3    |    |   | Naphthalene, 2,3-dimethyl- | 156 | C12H12  | 000581-40-8 | 93   |
| 4    |    |   | Naphthalene, 1,6-dimethyl- | 156 | C12H12  | 000575-43-9 | 93   |
| 5    |    |   | Naphthalene, 1,5-dimethyl- | 156 | C12H12  | 000571-61-9 | 93   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF030122\  
Data File : BF127135.D  
Acq On : 02 Mar 2022 00:14  
Operator : CG\JU  
Sample : N1709-10 10X  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PPSP-B4-17.5-18.0

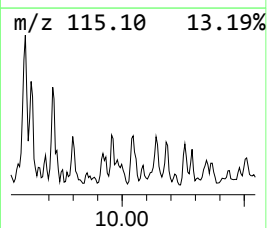
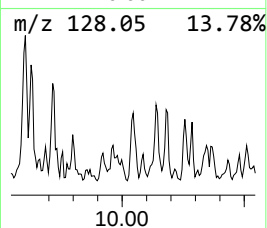
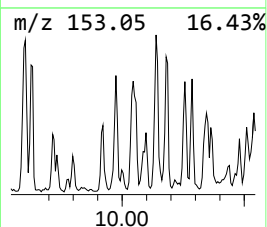
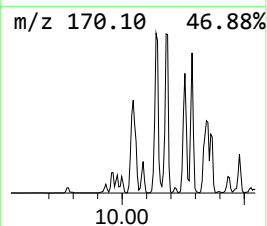
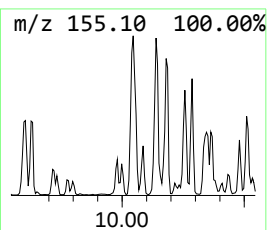
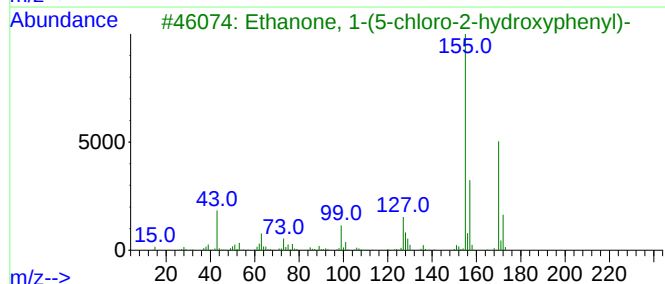
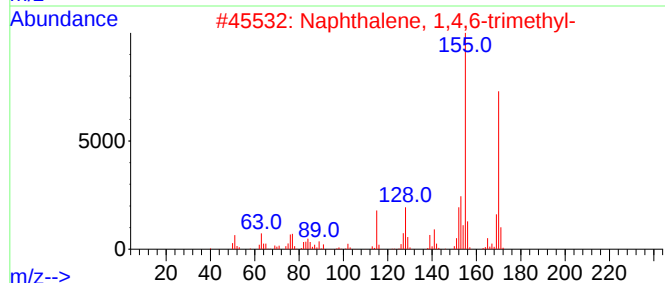
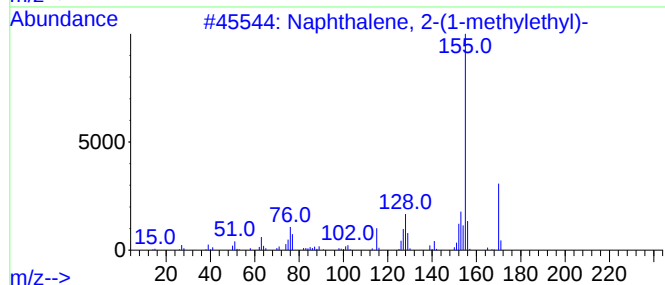
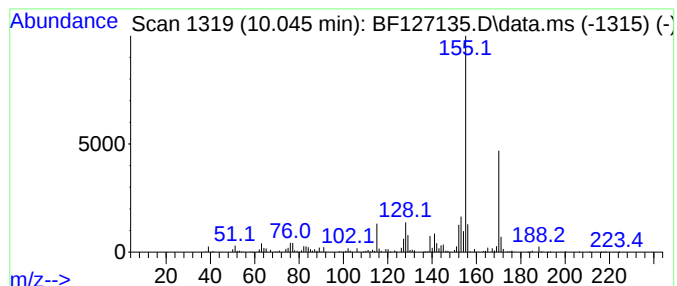
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 14 Naphthalene, 2-(1-methyleth... Concentration Rank 12

| R.T.      | EstConc                             | Area    | Relative to ISTD |          | R.T.        |      |
|-----------|-------------------------------------|---------|------------------|----------|-------------|------|
| 10.045    | 47.47 ng                            | 2336570 | Acenaphthene-d10 |          | 9.939       |      |
| Hit# of 5 | Tentative ID                        |         | MW               | MolForm  | CAS#        | Qual |
| 1         | Naphthalene, 2-(1-methylethyl)-     |         | 170              | C13H14   | 002027-17-0 | 94   |
| 2         | Naphthalene, 1,4,6-trimethyl-       |         | 170              | C13H14   | 002131-42-2 | 89   |
| 3         | Ethanone, 1-(5-chloro-2-hydroxyp... |         | 170              | C8H7ClO2 | 001450-74-4 | 72   |
| 4         | Ethanone, 1-(1-Naphthalenyl)-       |         | 170              | C12H10O  | 000941-98-0 | 72   |
| 5         | Naphthalene, 1,6,7-trimethyl-       |         | 170              | C13H14   | 002245-38-7 | 62   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF030122\  
Data File : BF127135.D  
Acq On : 02 Mar 2022 00:14  
Operator : CG\JU  
Sample : N1709-10 10X  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PPSP-B4-17.5-18.0

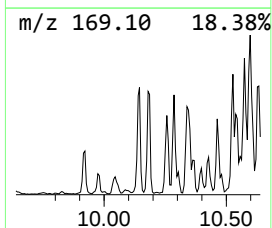
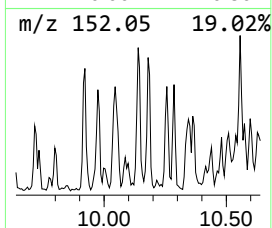
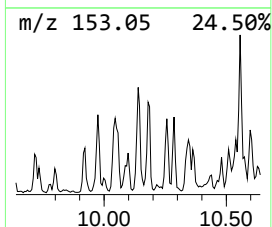
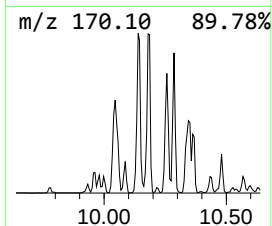
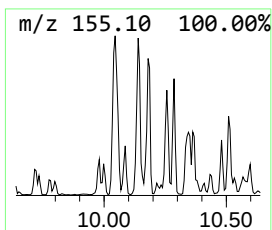
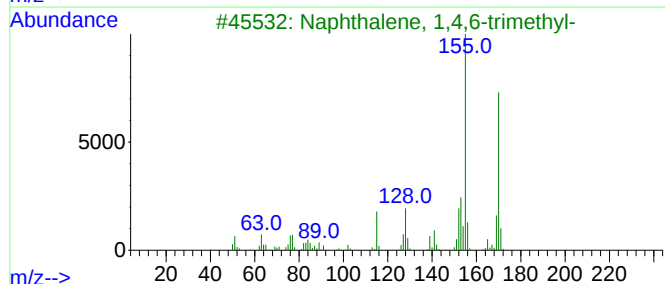
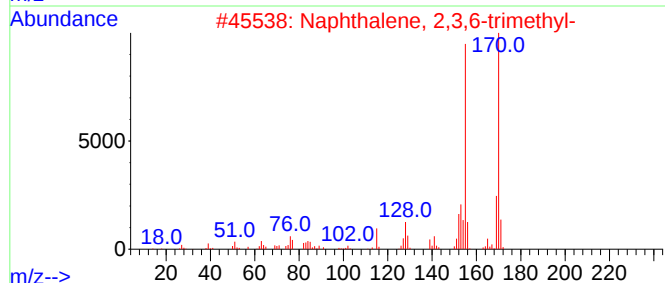
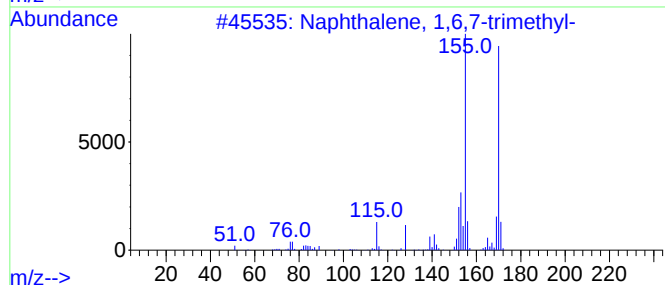
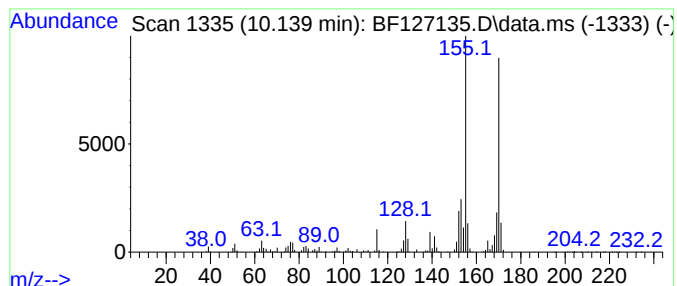
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 15 Naphthalene, 1,6,7-trimethyl- Concentration Rank 19

| R.T.   | EstConc  | Area    | Relative to ISTD | R.T.  |
|--------|----------|---------|------------------|-------|
| 10.139 | 37.12 ng | 1827260 | Acenaphthene-d10 | 9.939 |

| Hit# | of | 5 | Tentative ID                  | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------|-----|---------|-------------|------|
| 1    |    |   | Naphthalene, 1,6,7-trimethyl- | 170 | C13H14  | 002245-38-7 | 98   |
| 2    |    |   | Naphthalene, 2,3,6-trimethyl- | 170 | C13H14  | 000829-26-5 | 97   |
| 3    |    |   | Naphthalene, 1,4,6-trimethyl- | 170 | C13H14  | 002131-42-2 | 96   |
| 4    |    |   | 4,6,8-Trimethylazulene        | 170 | C13H14  | 000941-81-1 | 93   |
| 5    |    |   | Naphthalene, 1,4,5-trimethyl- | 170 | C13H14  | 002131-41-1 | 93   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF030122\  
Data File : BF127135.D  
Acq On : 02 Mar 2022 00:14  
Operator : CG\JU  
Sample : N1709-10 10X  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PPSP-B4-17.5-18.0

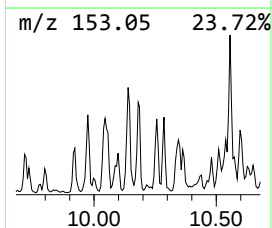
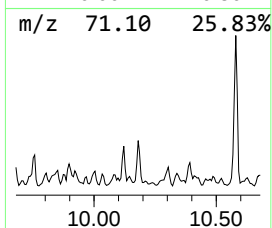
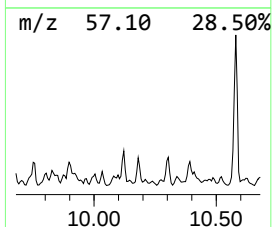
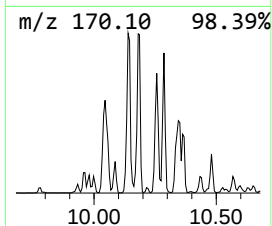
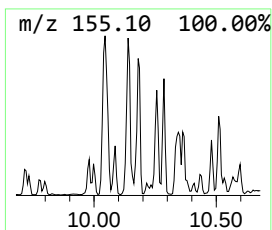
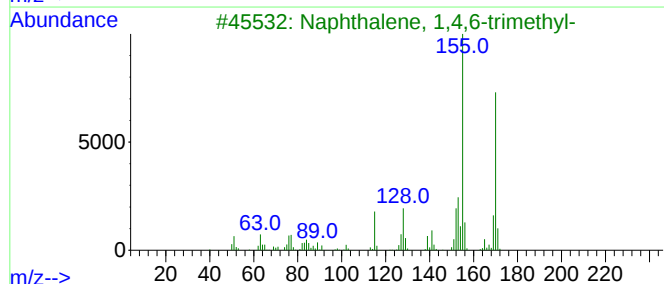
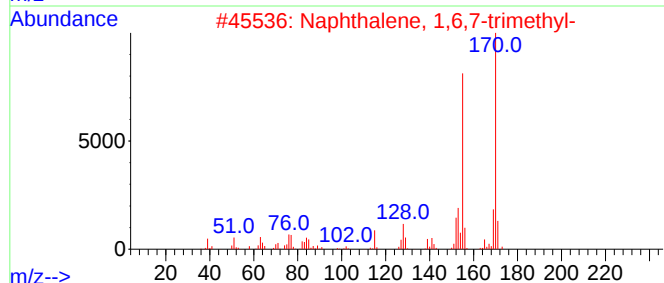
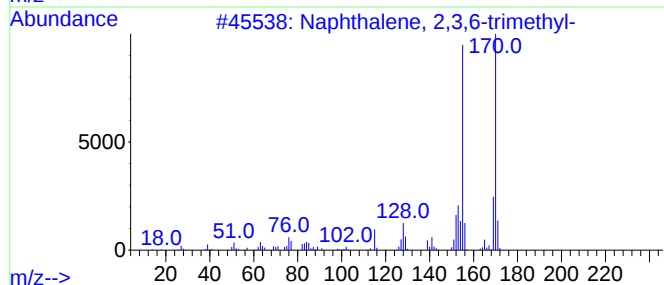
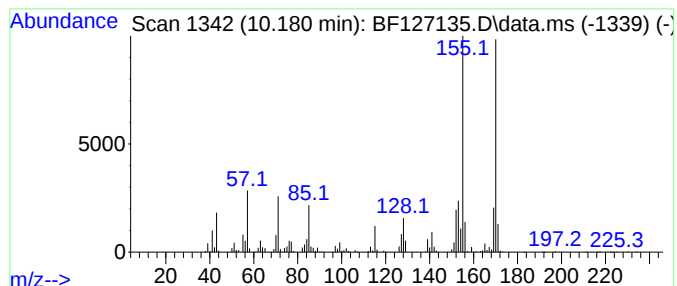
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 16 Naphthalene, 2,3,6-trimethyl- Concentration Rank 9

| R.T.   | EstConc  | Area    | Relative to ISTD | R.T.  |
|--------|----------|---------|------------------|-------|
| 10.180 | 63.39 ng | 3119880 | Acenaphthene-d10 | 9.939 |

| Hit# | of | 5 | Tentative ID                  | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------|-----|---------|-------------|------|
| 1    |    |   | Naphthalene, 2,3,6-trimethyl- | 170 | C13H14  | 000829-26-5 | 97   |
| 2    |    |   | Naphthalene, 1,6,7-trimethyl- | 170 | C13H14  | 002245-38-7 | 97   |
| 3    |    |   | Naphthalene, 1,4,6-trimethyl- | 170 | C13H14  | 002131-42-2 | 96   |
| 4    |    |   | 4,6,8-Trimethylazulene        | 170 | C13H14  | 000941-81-1 | 91   |
| 5    |    |   | Naphthalene, 1,4,5-trimethyl- | 170 | C13H14  | 002131-41-1 | 90   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF030122\  
Data File : BF127135.D  
Acq On : 02 Mar 2022 00:14  
Operator : CG\JU  
Sample : N1709-10 10X  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PPSP-B4-17.5-18.0

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

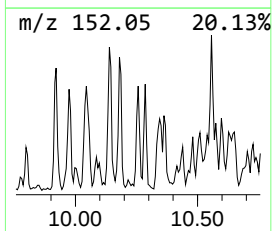
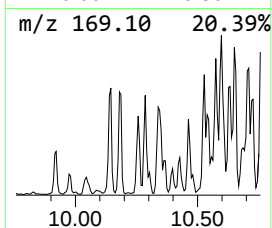
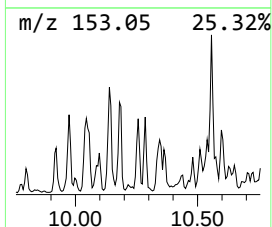
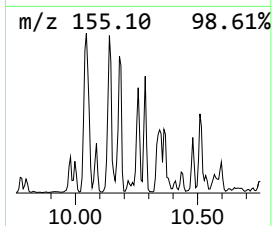
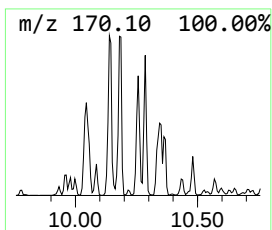
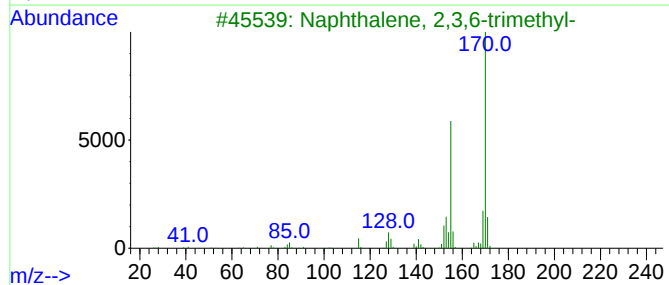
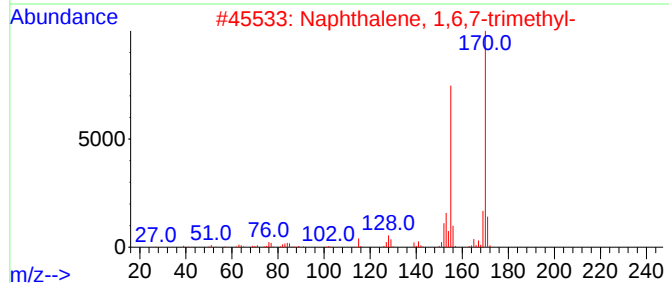
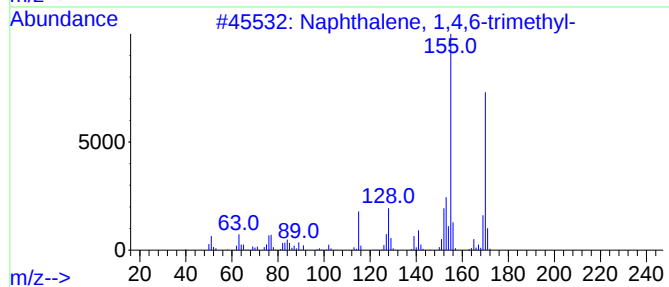
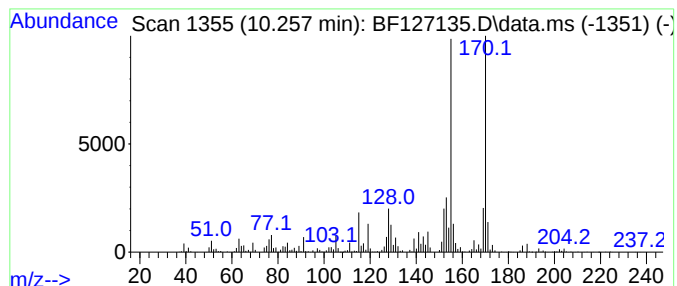
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Peak Number 17 Naphthalene, 1,4,6-trimethyl- Concentration Rank 17

| R.T.   | EstConc  | Area    | Relative to ISTD | R.T.  |
|--------|----------|---------|------------------|-------|
| 10.257 | 38.03 ng | 1872040 | Acenaphthene-d10 | 9.939 |

| Hit# | of 5 | Tentative ID                    | MW  | MolForm | CAS#         | Qual |
|------|------|---------------------------------|-----|---------|--------------|------|
| 1    |      | Naphthalene, 1,4,6-trimethyl-   | 170 | C13H14  | 002131-42-2  | 98   |
| 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    |      | 3-(2-Methyl-propenyl)-1H-indene | 170 | C13H14  | 1000187-78-5 | 95   |
| 5    |      | 4,6,8-Trimethylazulene          | 170 | C13H14  | 000941-81-1  | 94   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF030122\  
Data File : BF127135.D  
Acq On : 02 Mar 2022 00:14  
Operator : CG\JU  
Sample : N1709-10 10X  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PPSP-B4-17.5-18.0

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

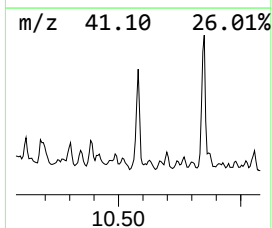
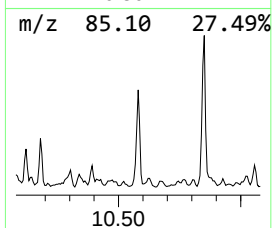
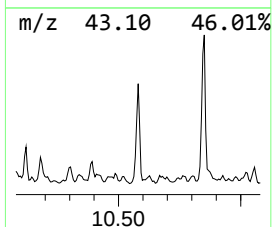
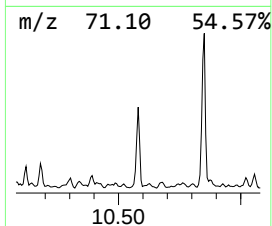
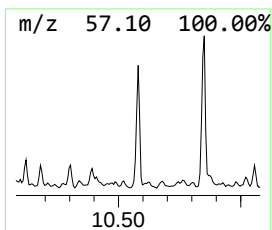
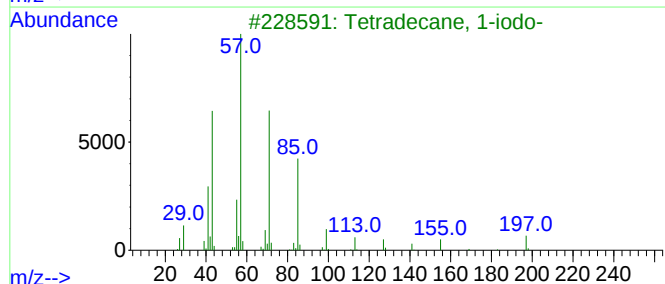
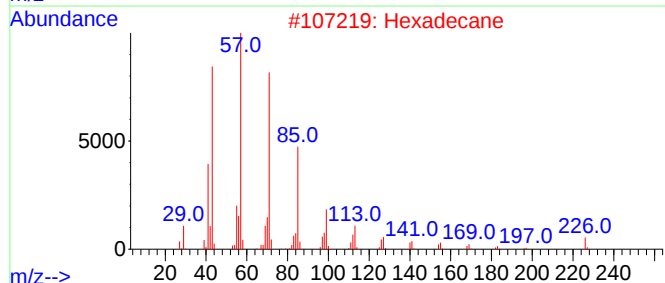
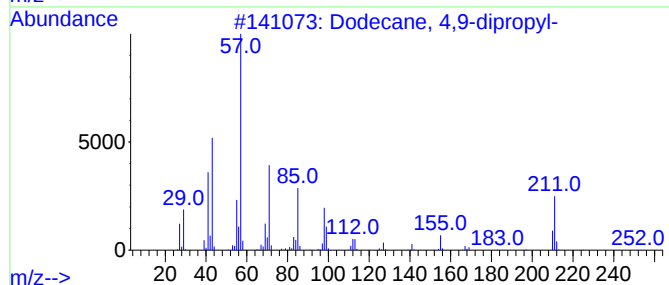
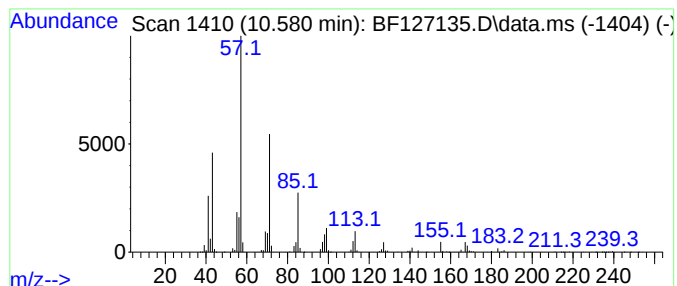
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 18 Dodecane, 4,9-dipropyl- Concentration Rank 4

| R.T.   | EstConc  | Area    | Relative to ISTD | R.T.  |
|--------|----------|---------|------------------|-------|
| 10.580 | 84.83 ng | 4175390 | Acenaphthene-d10 | 9.939 |

| Hit# | of 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|------|-------------------------------------|-----|-----------|--------------|------|
| 1    |      | Dodecane, 4,9-dipropyl-             | 254 | C18H38    | 003054-63-5  | 87   |
| 2    |      | Hexadecane                          | 226 | C16H34    | 000544-76-3  | 74   |
| 3    |      | Tetradecane, 1-iodo-                | 324 | C14H29I   | 019218-94-1  | 64   |
| 4    |      | Sulfurous acid, 2-ethylhexyl non... | 320 | C17H36O3S | 1010309-19-2 | 64   |
| 5    |      | Octane, 3,5-dimethyl-               | 142 | C10H22    | 015869-93-9  | 59   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF030122\  
Data File : BF127135.D  
Acq On : 02 Mar 2022 00:14  
Operator : CG\JU  
Sample : N1709-10 10X  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PPSP-B4-17.5-18.0

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

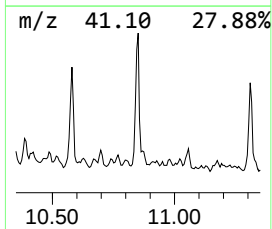
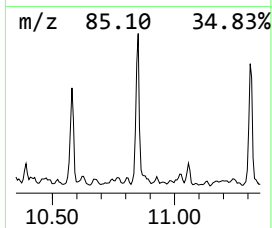
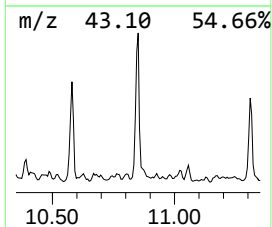
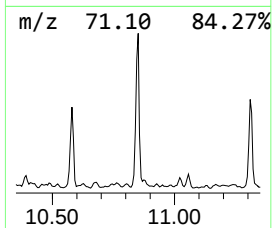
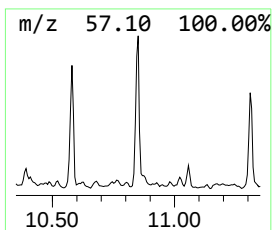
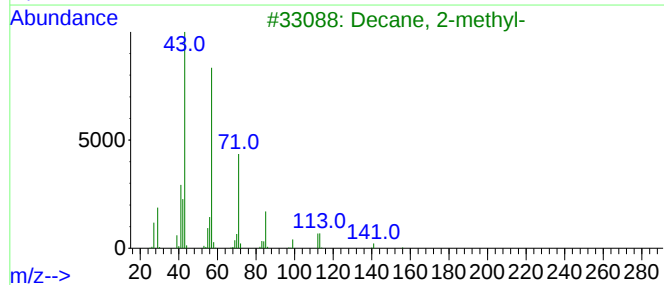
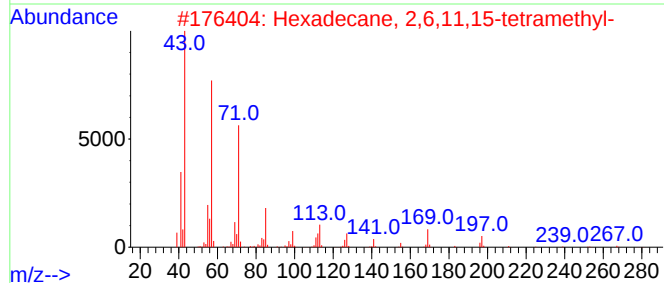
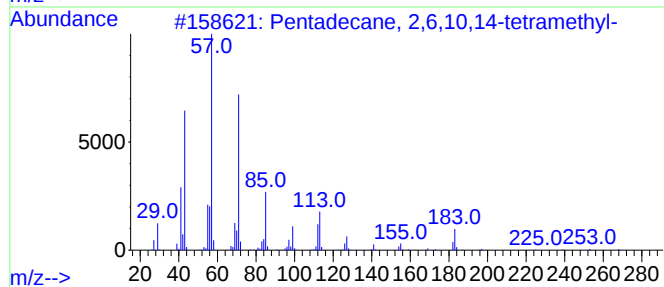
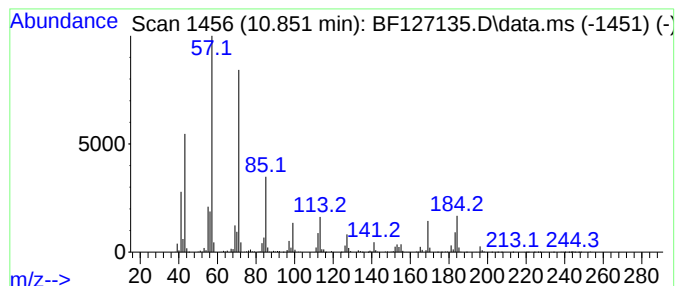
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Peak Number 19 Pentadecane, 2,6,10,14-tetr... Concentration Rank 1

| R.T.   | EstConc   | Area    | Relative to ISTD | R.T.   |
|--------|-----------|---------|------------------|--------|
| 10.851 | 110.75 ng | 4138660 | Phenanthrene-d10 | 11.433 |

| Hit# | of 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|------|-------------------------------------|-----|---------|-------------|------|
| 1    |      | Pentadecane, 2,6,10,14-tetramethyl- | 268 | C19H40  | 001921-70-6 | 83   |
| 2    |      | Hexadecane, 2,6,11,15-tetramethyl-  | 282 | C20H42  | 000504-44-9 | 80   |
| 3    |      | Decane, 2-methyl-                   | 156 | C11H24  | 006975-98-0 | 72   |
| 4    |      | Heptadecane, 2,6-dimethyl-          | 268 | C19H40  | 054105-67-8 | 70   |
| 5    |      | Dodecane, 4,6-dimethyl-             | 198 | C14H30  | 061141-72-8 | 68   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF030122\  
Data File : BF127135.D  
Acq On : 02 Mar 2022 00:14  
Operator : CG\JU  
Sample : N1709-10 10X  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PPSP-B4-17.5-18.0

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

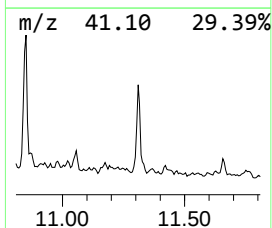
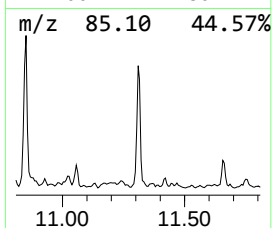
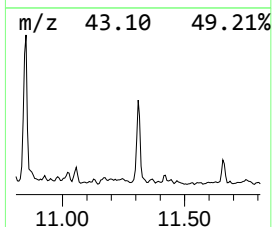
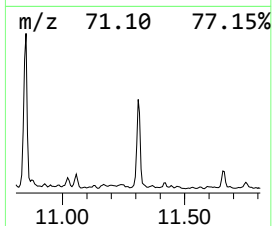
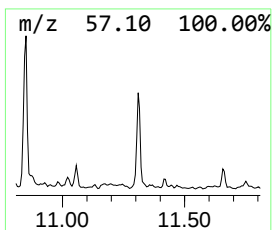
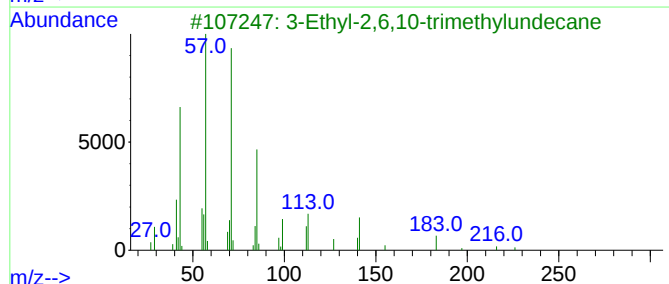
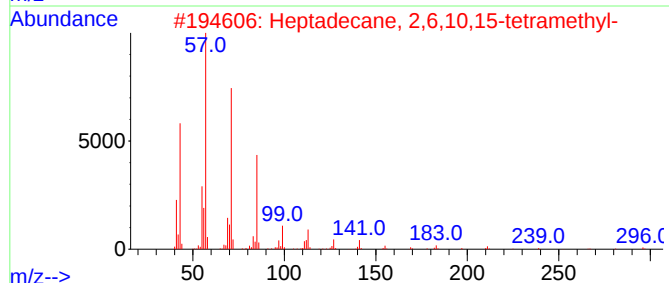
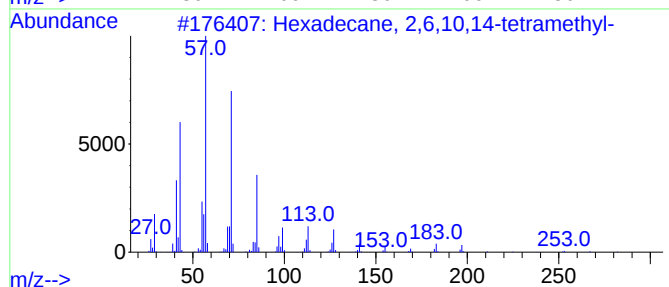
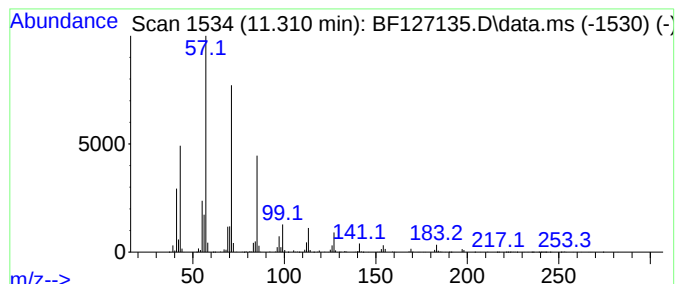
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Peak Number 20 Hexadecane, 2,6,10,14-tetra... Concentration Rank 5

| R.T.   | EstConc  | Area    | Relative to ISTD | R.T.   |
|--------|----------|---------|------------------|--------|
| 11.310 | 82.61 ng | 3087260 | Phenanthrene-d10 | 11.433 |

| Hit# | of 5 | Tentative ID                        | MW  | MolForm | CAS#         | Qual |
|------|------|-------------------------------------|-----|---------|--------------|------|
| 1    |      | Hexadecane, 2,6,10,14-tetramethyl-  | 282 | C20H42  | 000638-36-8  | 91   |
| 2    |      | Heptadecane, 2,6,10,15-tetramethyl- | 296 | C21H44  | 054833-48-6  | 90   |
| 3    |      | 3-Ethyl-2,6,10-trimethylundecane    | 226 | C16H34  | 1000432-25-9 | 87   |
| 4    |      | Octacosane                          | 394 | C28H58  | 000630-02-4  | 86   |
| 5    |      | Tetradecane, 1-iodo-                | 324 | C14H29I | 019218-94-1  | 86   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF030122\  
 Data File : BF127135.D  
 Acq On : 02 Mar 2022 00:14  
 Operator : CG\JU  
 Sample : N1709-10 10X  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PPSP-B4-17.5-18.0

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 |
| Undecane, 5-met... | 7.592  | 38.1    | ng    | 1710600  | 2                     | 8.180  | 898856 | 20.0 |
| 1-Phenyl-1-butene  | 7.916  | 37.1    | ng    | 1667690  | 2                     | 8.180  | 898856 | 20.0 |
| Naphthalene, 1,... | 8.374  | 40.2    | ng    | 1807770  | 2                     | 8.180  | 898856 | 20.0 |
| Cyclopentane, 1... | 8.463  | 63.8    | ng    | 2869350  | 2                     | 8.180  | 898856 | 20.0 |
| Nonane, 2,6-dim... | 8.592  | 47.0    | ng    | 2110880  | 2                     | 8.180  | 898856 | 20.0 |
| Naphthalene, 1,... | 8.686  | 72.2    | ng    | 3243120  | 2                     | 8.180  | 898856 | 20.0 |
| Naphthalene, 1,... | 8.845  | 37.5    | ng    | 1687750  | 2                     | 8.180  | 898856 | 20.0 |
| Nonane, 3,7-dim... | 9.198  | 50.5    | ng    | 2487510  | 3                     | 9.939  | 984413 | 20.0 |
| Naphthalene, 2,... | 9.533  | 86.3    | ng    | 4246690  | 3                     | 9.939  | 984413 | 20.0 |
| Naphthalene, 2,... | 9.604  | 92.4    | ng    | 4547830  | 3                     | 9.939  | 984413 | 20.0 |
| Naphthalene, 2,... | 9.627  | 59.0    | ng    | 2903420  | 3                     | 9.939  | 984413 | 20.0 |
| Tridecane          | 9.651  | 67.4    | ng    | 3315740  | 3                     | 9.939  | 984413 | 20.0 |
| Naphthalene, 1,... | 9.716  | 38.8    | ng    | 1910090  | 3                     | 9.939  | 984413 | 20.0 |
| Naphthalene, 2-... | 10.045 | 47.5    | ng    | 2336570  | 3                     | 9.939  | 984413 | 20.0 |
| Naphthalene, 1,... | 10.139 | 37.1    | ng    | 1827260  | 3                     | 9.939  | 984413 | 20.0 |
| Naphthalene, 2,... | 10.180 | 63.4    | ng    | 3119880  | 3                     | 9.939  | 984413 | 20.0 |
| Naphthalene, 1,... | 10.257 | 38.0    | ng    | 1872040  | 3                     | 9.939  | 984413 | 20.0 |
| Dodecane, 4,9-d... | 10.580 | 84.8    | ng    | 4175390  | 3                     | 9.939  | 984413 | 20.0 |
| Pentadecane, 2,... | 10.851 | 110.8   | ng    | 4138660  | 4                     | 11.433 | 747394 | 20.0 |
| Hexadecane, 2,6... | 11.310 | 82.6    | ng    | 3087260  | 4                     | 11.433 | 747394 | 20.0 |