

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF070324\  
 Data File : BF138452.D  
 Acq On : 03 Jul 2024 18:09  
 Operator : CG\JU  
 Sample : P3141-01  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 B-140-SB00

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-BF062824.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF138452.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         | 2.181       | 9             | 16          | 21           | rBV      | 2128555        | 2627845       | 90.95%          | 7.046%        |
| 2         | 3.404       | 221           | 224         | 235          | rBV      | 41471          | 84752         | 2.93%           | 0.227%        |
| 3         | 5.093       | 508           | 511         | 519          | rVB      | 290067         | 355096        | 12.29%          | 0.952%        |
| 4         | 5.504       | 576           | 581         | 584          | rVB      | 2858104        | 2771848       | 95.93%          | 7.432%        |
| 5         | 5.781       | 625           | 628         | 632          | rBV      | 117244         | 92867         | 3.21%           | 0.249%        |
| 6         | 6.116       | 682           | 685         | 691          | rBV2     | 54536          | 70927         | 2.45%           | 0.190%        |
| 7         | 6.398       | 730           | 733         | 735          | rBV      | 110362         | 87161         | 3.02%           | 0.234%        |
| 8         | 6.457       | 740           | 743         | 747          | rVB2     | 85734          | 68821         | 2.38%           | 0.185%        |
| 9         | 6.510       | 747           | 752         | 755          | rBV      | 2791585        | 2889310       | 100.00%         | 7.747%        |
| 10        | 6.704       | 781           | 785         | 788          | rBV      | 398864         | 341029        | 11.80%          | 0.914%        |
| 11        | 6.869       | 810           | 813         | 819          | rVB      | 975140         | 831985        | 28.80%          | 2.231%        |
| 12        | 6.928       | 819           | 823         | 826          | rBV3     | 63298          | 61220         | 2.12%           | 0.164%        |
| 13        | 7.140       | 854           | 859         | 862          | rBV2     | 70717          | 79394         | 2.75%           | 0.213%        |
| 14        | 7.204       | 867           | 870         | 874          | rVB      | 78184          | 67137         | 2.32%           | 0.180%        |
| 15        | 7.251       | 874           | 878         | 880          | rBV      | 67972          | 69984         | 2.42%           | 0.188%        |
| 16        | 7.434       | 897           | 909         | 911          | rBV      | 2045446        | 1900329       | 65.77%          | 5.095%        |
| 17        | 7.463       | 911           | 914         | 917          | rVV      | 379692         | 301471        | 10.43%          | 0.808%        |
| 18        | 7.681       | 947           | 951         | 956          | rVB3     | 95132          | 111766        | 3.87%           | 0.300%        |
| 19        | 7.834       | 973           | 977         | 979          | rVB2     | 66739          | 74163         | 2.57%           | 0.199%        |
| 20        | 7.898       | 984           | 988         | 992          | rBV      | 131669         | 112026        | 3.88%           | 0.300%        |
| 21        | 7.939       | 992           | 995         | 998          | rBV      | 107130         | 89217         | 3.09%           | 0.239%        |
| 22        | 8.128       | 1024          | 1027        | 1029         | rVV      | 869629         | 705733        | 24.43%          | 1.892%        |
| 23        | 8.151       | 1029          | 1031        | 1033         | rVV      | 1237469        | 917731        | 31.76%          | 2.461%        |
| 24        | 8.175       | 1033          | 1035        | 1038         | rVV      | 98576          | 91498         | 3.17%           | 0.245%        |
| 25        | 8.204       | 1038          | 1040        | 1043         | rVB      | 187649         | 164351        | 5.69%           | 0.441%        |
| 26        | 8.439       | 1077          | 1080        | 1082         | rVV2     | 201905         | 232651        | 8.05%           | 0.624%        |
| 27        | 8.492       | 1086          | 1089        | 1091         | rVB      | 140342         | 126896        | 4.39%           | 0.340%        |
| 28        | 8.522       | 1091          | 1094        | 1098         | rVB      | 252138         | 202412        | 7.01%           | 0.543%        |
| 29        | 8.569       | 1098          | 1102        | 1104         | rBV      | 412749         | 355685        | 12.31%          | 0.954%        |
| 30        | 8.698       | 1119          | 1124        | 1127         | rBV6     | 43114          | 91403         | 3.16%           | 0.245%        |
| 31        | 8.739       | 1127          | 1131        | 1134         | rVV      | 1686064        | 1313120       | 45.45%          | 3.521%        |
| 32        | 8.798       | 1134          | 1141        | 1144         | rVV4     | 106424         | 238306        | 8.25%           | 0.639%        |
| 33        | 8.834       | 1144          | 1147        | 1150         | rVV      | 149274         | 165118        | 5.71%           | 0.443%        |
| 34        | 8.863       | 1150          | 1152        | 1156         | rVV2     | 113413         | 99035         | 3.43%           | 0.266%        |
| 35        | 8.922       | 1160          | 1162        | 1166         | rVV3     | 69504          | 94938         | 3.29%           | 0.255%        |
| 36        | 8.957       | 1166          | 1168        | 1173         | rVV3     | 61984          | 72230         | 2.50%           | 0.194%        |

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Filtering: 5

Sampling : 1

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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-BF062824.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 37 | 9.022  | 1176 | 1179 | 1180 | rVV  | 176558  | 142216  | 4.92%  | 0.381% |
| 38 | 9.057  | 1183 | 1185 | 1186 | rVV2 | 111963  | 110877  | 3.84%  | 0.297% |
| 39 | 9.069  | 1186 | 1187 | 1189 | rVV  | 146065  | 72542   | 2.51%  | 0.195% |
| 40 | 9.104  | 1189 | 1193 | 1196 | rVV  | 197007  | 168030  | 5.82%  | 0.451% |
| 41 | 9.139  | 1196 | 1199 | 1202 | rVV  | 152119  | 144119  | 4.99%  | 0.386% |
| 42 | 9.169  | 1202 | 1204 | 1206 | rVV  | 215041  | 158733  | 5.49%  | 0.426% |
| 43 | 9.228  | 1209 | 1214 | 1217 | rVB  | 3302678 | 2631081 | 91.06% | 7.055% |
| 44 | 9.304  | 1223 | 1227 | 1230 | rBV  | 1027779 | 807831  | 27.96% | 2.166% |
| 45 | 9.557  | 1267 | 1270 | 1272 | rVV2 | 78365   | 83867   | 2.90%  | 0.225% |
| 46 | 9.622  | 1277 | 1281 | 1283 | rVV4 | 104613  | 133259  | 4.61%  | 0.357% |
| 47 | 9.833  | 1312 | 1317 | 1319 | rBV  | 172098  | 138926  | 4.81%  | 0.373% |
| 48 | 9.904  | 1322 | 1329 | 1332 | rVV  | 1143317 | 893101  | 30.91% | 2.395% |
| 49 | 9.933  | 1332 | 1334 | 1338 | rVB  | 85359   | 71789   | 2.48%  | 0.192% |
| 50 | 9.998  | 1342 | 1345 | 1351 | rVB2 | 59392   | 76362   | 2.64%  | 0.205% |
| 51 | 10.104 | 1358 | 1363 | 1367 | rVB  | 68172   | 72218   | 2.50%  | 0.194% |
| 52 | 10.451 | 1418 | 1422 | 1427 | rBV2 | 80004   | 83882   | 2.90%  | 0.225% |
| 53 | 10.692 | 1459 | 1463 | 1466 | rBV  | 1483075 | 1209552 | 41.86% | 3.243% |
| 54 | 10.816 | 1479 | 1484 | 1491 | rVB2 | 68886   | 95573   | 3.31%  | 0.256% |
| 55 | 11.286 | 1560 | 1564 | 1569 | rVB2 | 53940   | 61062   | 2.11%  | 0.164% |
| 56 | 11.386 | 1578 | 1581 | 1583 | rBV  | 717925  | 657385  | 22.75% | 1.763% |
| 57 | 11.416 | 1583 | 1586 | 1589 | rVV  | 735677  | 652952  | 22.60% | 1.751% |
| 58 | 11.463 | 1589 | 1594 | 1597 | rVB  | 162566  | 144234  | 4.99%  | 0.387% |
| 59 | 11.622 | 1614 | 1621 | 1627 | rBV2 | 58962   | 82636   | 2.86%  | 0.222% |
| 60 | 11.892 | 1663 | 1667 | 1668 | rBV  | 98743   | 88034   | 3.05%  | 0.236% |
| 61 | 11.916 | 1668 | 1671 | 1677 | rVV  | 586041  | 520550  | 18.02% | 1.396% |
| 62 | 11.963 | 1677 | 1679 | 1682 | rVV  | 60365   | 65714   | 2.27%  | 0.176% |
| 63 | 11.998 | 1682 | 1685 | 1688 | rVV2 | 126091  | 150232  | 5.20%  | 0.403% |
| 64 | 12.022 | 1688 | 1689 | 1693 | rVB  | 82267   | 58814   | 2.04%  | 0.158% |
| 65 | 12.186 | 1714 | 1717 | 1719 | rBV  | 89097   | 74015   | 2.56%  | 0.198% |
| 66 | 12.210 | 1719 | 1721 | 1724 | rVB  | 116510  | 89914   | 3.11%  | 0.241% |
| 67 | 12.333 | 1736 | 1742 | 1744 | rBV  | 60258   | 66109   | 2.29%  | 0.177% |
| 68 | 12.439 | 1756 | 1760 | 1763 | rBV2 | 85568   | 89089   | 3.08%  | 0.239% |
| 69 | 12.474 | 1763 | 1766 | 1768 | rBV2 | 58480   | 55923   | 1.94%  | 0.150% |
| 70 | 12.522 | 1772 | 1774 | 1780 | rVB  | 62082   | 64031   | 2.22%  | 0.172% |
| 71 | 12.604 | 1784 | 1788 | 1790 | rBV  | 1063414 | 896747  | 31.04% | 2.404% |
| 72 | 12.698 | 1801 | 1804 | 1807 | rBV  | 184664  | 178791  | 6.19%  | 0.479% |
| 73 | 12.833 | 1821 | 1827 | 1832 | rVV  | 978198  | 994060  | 34.40% | 2.665% |
| 74 | 12.974 | 1847 | 1851 | 1854 | rBV  | 2058565 | 1695403 | 58.68% | 4.546% |
| 75 | 13.045 | 1859 | 1863 | 1867 | rBV2 | 62186   | 96021   | 3.32%  | 0.257% |
| 76 | 13.133 | 1875 | 1878 | 1880 | rBV4 | 49967   | 59666   | 2.07%  | 0.160% |

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 ALS Vial : 16 Sample Multiplier: 1

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 BNA\_F  
 ClientSampleId :  
 B-140-SB00

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-BF062824.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|     |        |      |      |      |      |        |         |        |        |
|-----|--------|------|------|------|------|--------|---------|--------|--------|
| 77  | 13.157 | 1880 | 1882 | 1885 | rVB  | 98069  | 80049   | 2.77%  | 0.215% |
| 78  | 13.263 | 1896 | 1900 | 1902 | rBV2 | 99502  | 89074   | 3.08%  | 0.239% |
| 79  | 13.357 | 1913 | 1916 | 1918 | rVB2 | 81272  | 68784   | 2.38%  | 0.184% |
| 80  | 13.386 | 1918 | 1921 | 1925 | rBV  | 66035  | 62458   | 2.16%  | 0.167% |
| 81  | 13.451 | 1927 | 1932 | 1939 | rVB2 | 186554 | 237656  | 8.23%  | 0.637% |
| 82  | 13.545 | 1944 | 1948 | 1950 | rBV2 | 50246  | 55622   | 1.93%  | 0.149% |
| 83  | 13.663 | 1965 | 1968 | 1973 | rBV  | 132428 | 123516  | 4.27%  | 0.331% |
| 84  | 13.774 | 1983 | 1987 | 1990 | rBV2 | 104161 | 133952  | 4.64%  | 0.359% |
| 85  | 13.804 | 1990 | 1992 | 1994 | rVV  | 98501  | 80529   | 2.79%  | 0.216% |
| 86  | 13.827 | 1994 | 1996 | 2000 | rVV2 | 64120  | 87980   | 3.05%  | 0.236% |
| 87  | 13.869 | 2000 | 2003 | 2013 | rVB2 | 312105 | 383698  | 13.28% | 1.029% |
| 88  | 14.027 | 2025 | 2030 | 2033 | rVV3 | 948574 | 1338769 | 46.34% | 3.590% |
| 89  | 14.051 | 2033 | 2034 | 2040 | rVB  | 521556 | 382495  | 13.24% | 1.026% |
| 90  | 14.416 | 2093 | 2096 | 2099 | rVB2 | 75161  | 73277   | 2.54%  | 0.196% |
| 91  | 14.451 | 2099 | 2102 | 2105 | rVB2 | 82468  | 78066   | 2.70%  | 0.209% |
| 92  | 14.492 | 2106 | 2109 | 2114 | rBV4 | 78254  | 112112  | 3.88%  | 0.301% |
| 93  | 14.604 | 2124 | 2128 | 2135 | rVV  | 212819 | 296850  | 10.27% | 0.796% |
| 94  | 14.663 | 2135 | 2138 | 2143 | rVB  | 195383 | 192756  | 6.67%  | 0.517% |
| 95  | 15.063 | 2202 | 2206 | 2210 | rBV  | 292816 | 440028  | 15.23% | 1.180% |
| 96  | 15.368 | 2255 | 2258 | 2265 | rVB  | 159180 | 190448  | 6.59%  | 0.511% |
| 97  | 15.433 | 2265 | 2269 | 2275 | rVB  | 158260 | 204631  | 7.08%  | 0.549% |
| 98  | 15.498 | 2275 | 2280 | 2283 | rBV  | 360312 | 471641  | 16.32% | 1.265% |
| 99  | 16.957 | 2523 | 2528 | 2538 | rVB2 | 56570  | 119829  | 4.15%  | 0.321% |
| 100 | 17.404 | 2599 | 2604 | 2612 | rVB3 | 47836  | 96259   | 3.33%  | 0.258% |

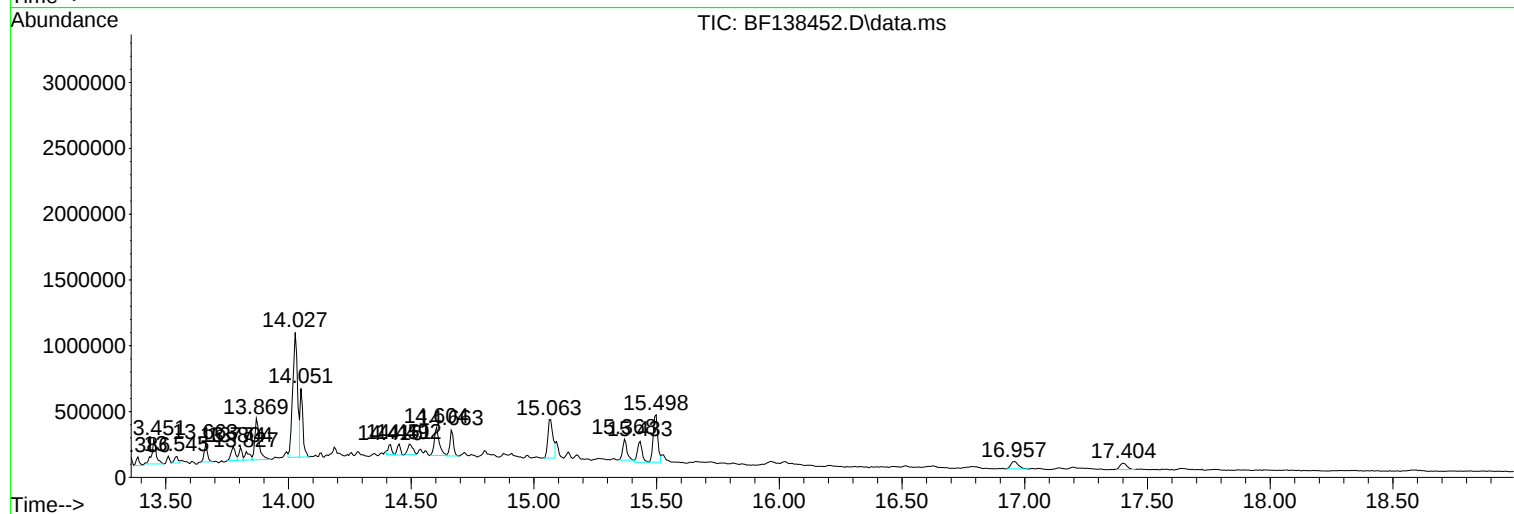
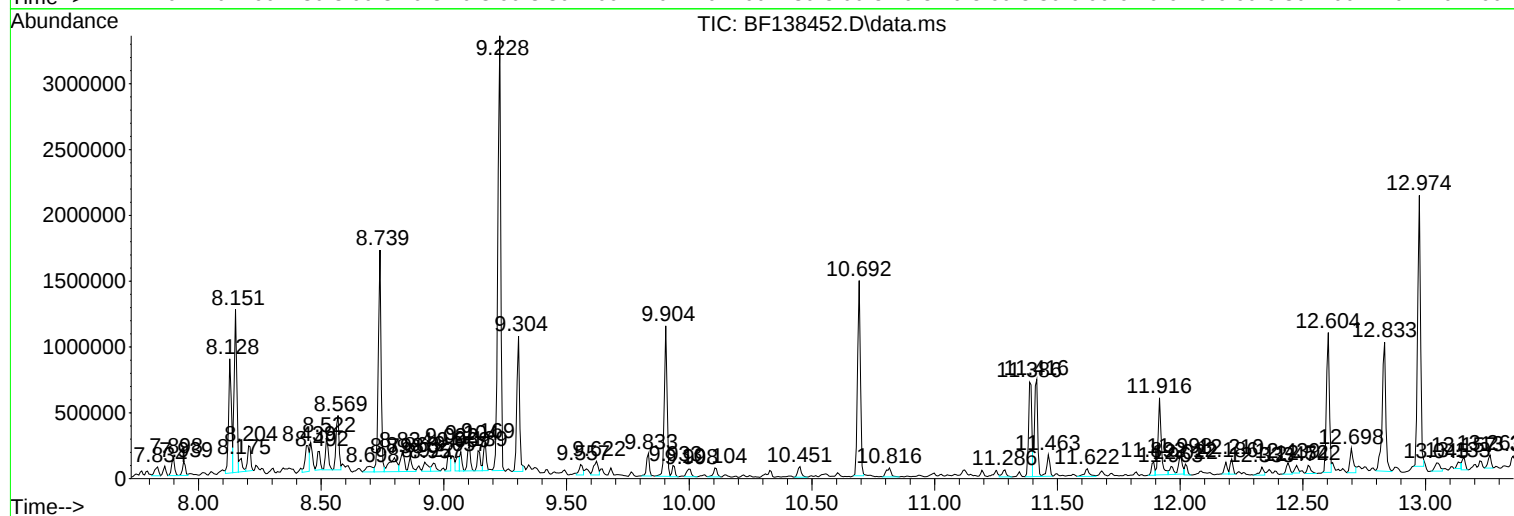
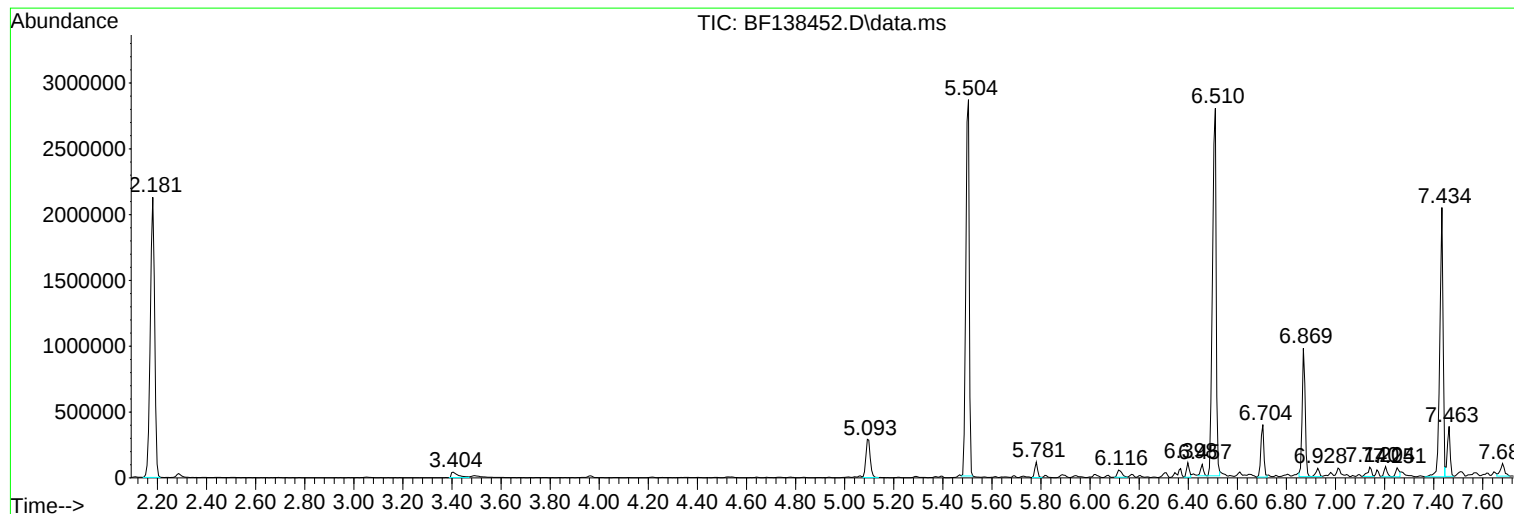
Sum of corrected areas: 37295274

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Instrument :  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF062824.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\BF070324\  
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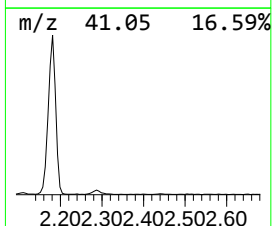
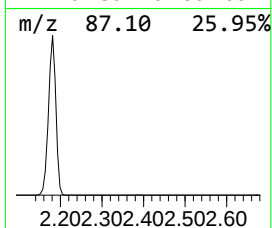
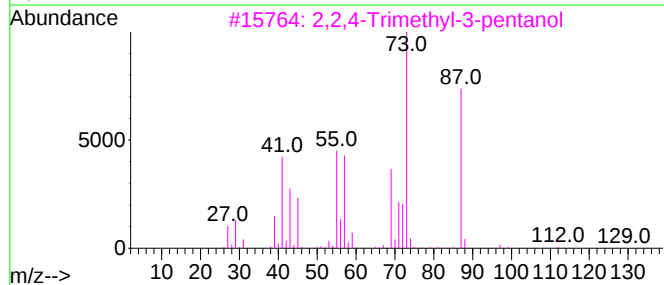
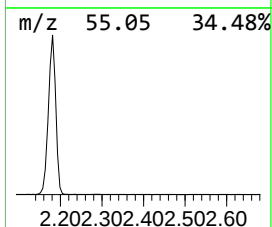
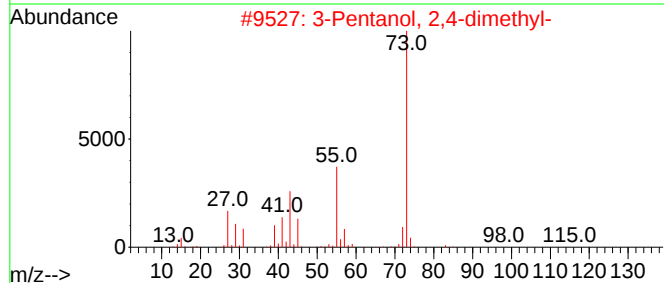
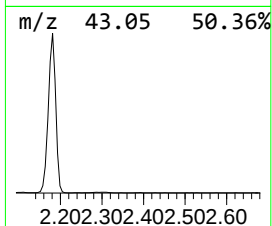
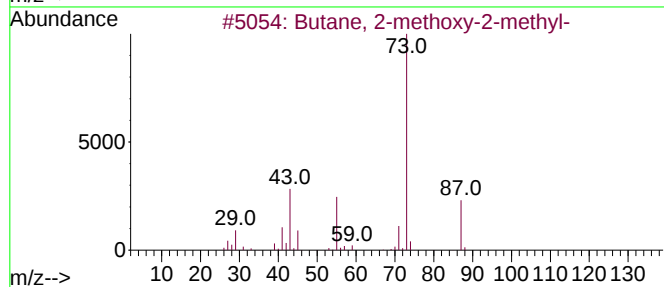
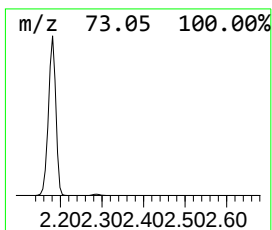
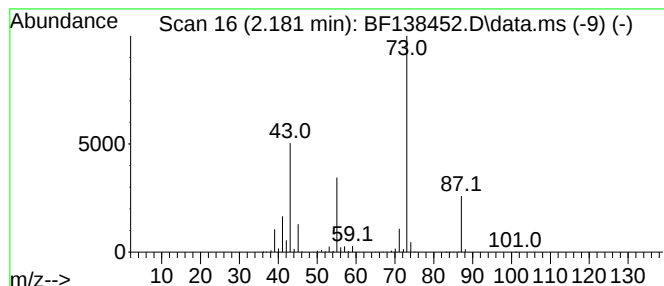
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF062824.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

| R.T.  | EstConc  | Area    | Relative to ISTD       | R.T.  |
|-------|----------|---------|------------------------|-------|
| 2.181 | 63.17 ng | 2627850 | 1,4-Dichlorobenzene-d4 | 6.869 |

| Hit# | of | 5 | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------------|-----|---------|-------------|------|
| 1    |    |   | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 83   |
| 2    |    |   | 3-Pentanol, 2,4-dimethyl-   | 116 | C7H16O  | 000600-36-2 | 43   |
| 3    |    |   | 2,2,4-Trimethyl-3-pentanol  | 130 | C8H18O  | 005162-48-1 | 40   |
| 4    |    |   | Silane, tetramethyl-        | 88  | C4H12Si | 000075-76-3 | 38   |
| 5    |    |   | 2-Methyl-5-hexen-3-ol       | 114 | C7H14O  | 032815-70-6 | 23   |



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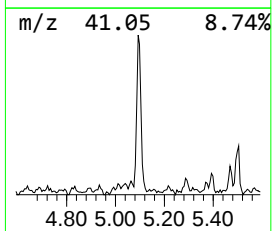
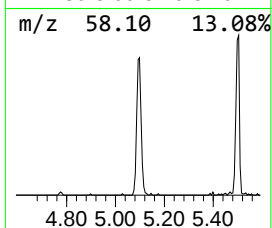
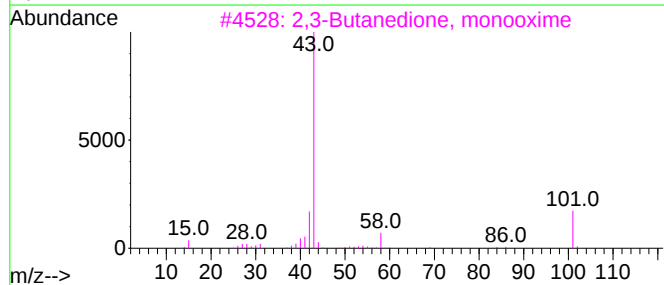
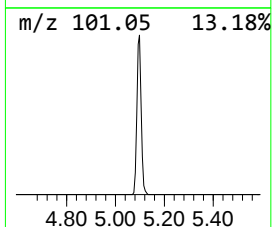
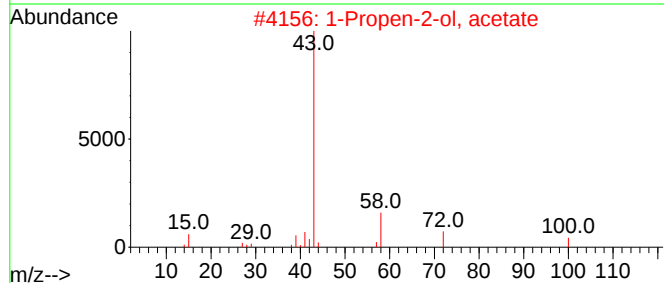
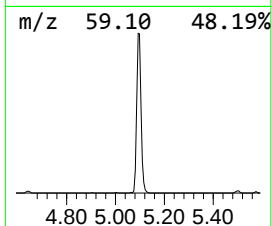
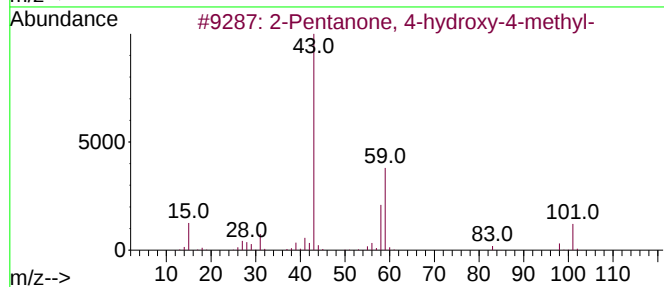
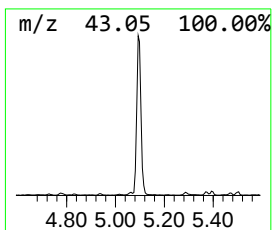
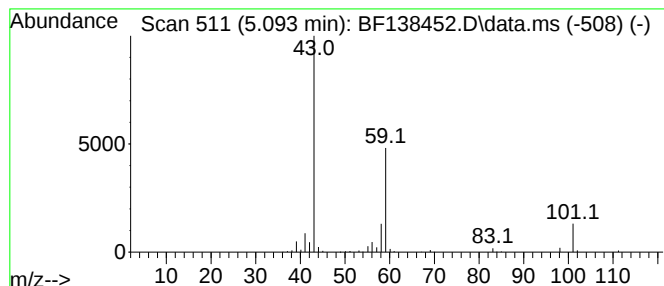
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

| R.T.      | EstConc                             | Area   | Relative to ISTD       |         |             | R.T.  |
|-----------|-------------------------------------|--------|------------------------|---------|-------------|-------|
| 5.093     | 8.54 ng                             | 355096 | 1,4-Dichlorobenzene-d4 |         |             | 6.869 |
| Hit# of 5 | Tentative ID                        |        | MW                     | MolForm | CAS#        | Qual  |
| 1         | 2-Pentanone, 4-hydroxy-4-methyl-    |        | 116                    | C6H12O2 | 000123-42-2 | 64    |
| 2         | 1-Propen-2-ol, acetate              |        | 100                    | C5H8O2  | 000108-22-5 | 12    |
| 3         | 2,3-Butanedione, monooxime          |        | 101                    | C4H7NO2 | 000057-71-6 | 9     |
| 4         | 5-Oxohexanenitrile                  |        | 111                    | C6H9NO  | 010412-98-3 | 9     |
| 5         | (+) -4-Amino-4,5-dihydro-2(3H)-f... |        | 101                    | C4H7NO2 | 016504-58-8 | 7     |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF070324\  
Data File : BF138452.D  
Acq On : 03 Jul 2024 18:09  
Operator : CG\JU  
Sample : P3141-01  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
B-140-SB00

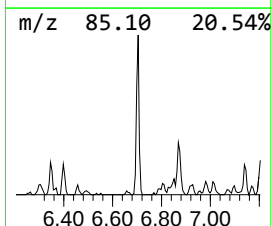
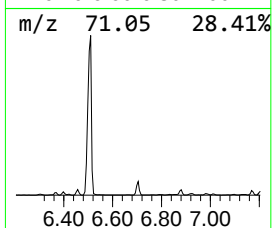
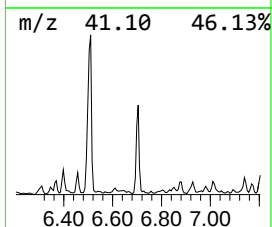
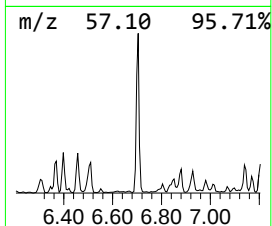
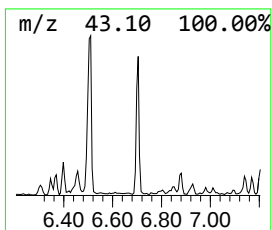
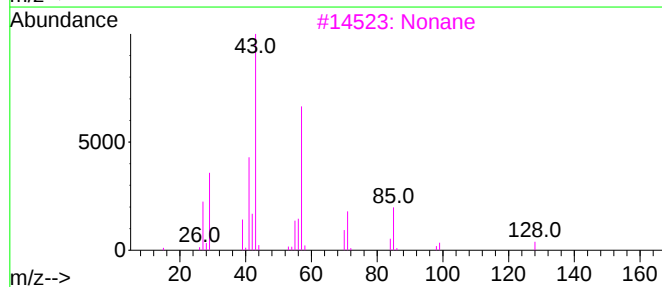
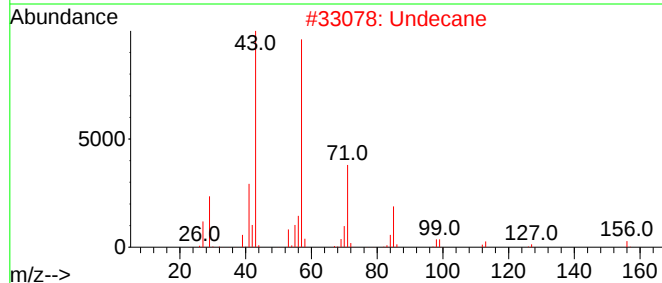
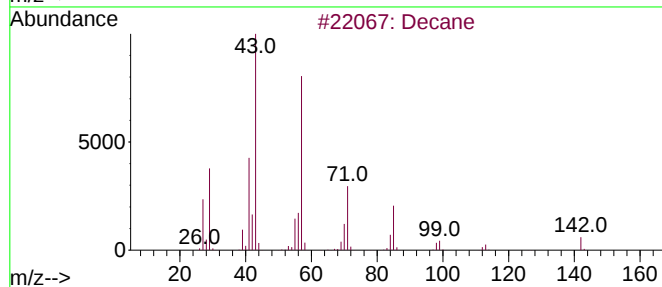
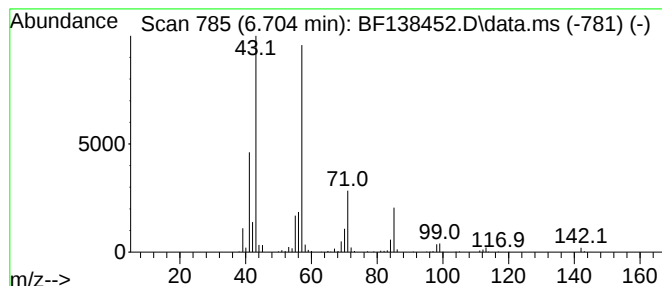
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 3 Decane Concentration Rank 6

| R.T.  | EstConc | Area   | Relative to ISTD       | R.T.  |
|-------|---------|--------|------------------------|-------|
| 6.704 | 8.20 ng | 341029 | 1,4-Dichlorobenzene-d4 | 6.869 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|----------|--------------|------|
| 1    |    |   | Decane                              | 142 | C10H22   | 000124-18-5  | 90   |
| 2    |    |   | Undecane                            | 156 | C11H24   | 001120-21-4  | 83   |
| 3    |    |   | Nonane                              | 128 | C9H20    | 000111-84-2  | 83   |
| 4    |    |   | Carbonic acid, decyl vinyl ester    | 228 | C13H24O3 | 1000383-25-7 | 78   |
| 5    |    |   | Carbonic acid, prop-1-en-2-yl te... | 298 | C18H34O3 | 1000382-90-9 | 78   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF070324\  
Data File : BF138452.D  
Acq On : 03 Jul 2024 18:09  
Operator : CG\JU  
Sample : P3141-01  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
B-140-SB00

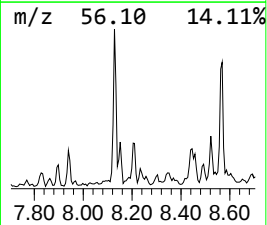
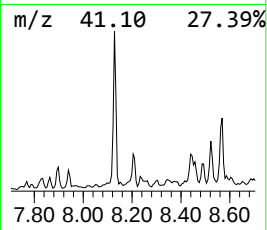
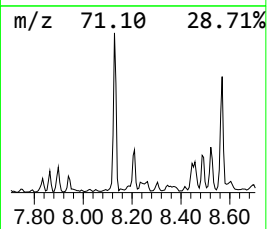
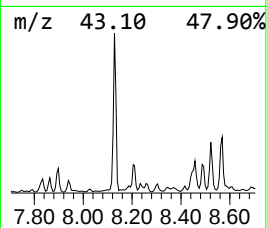
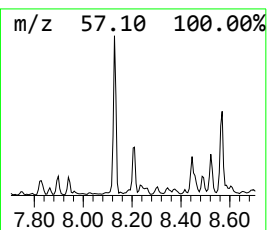
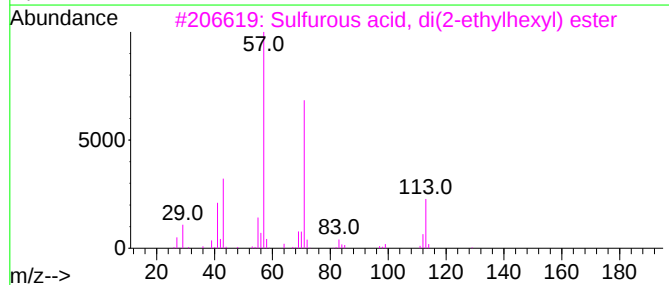
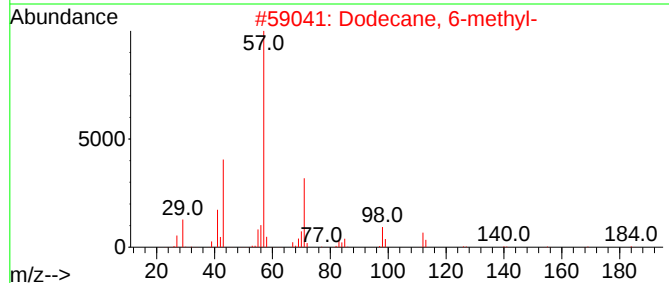
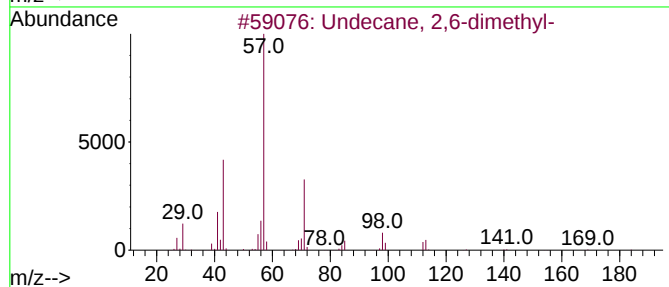
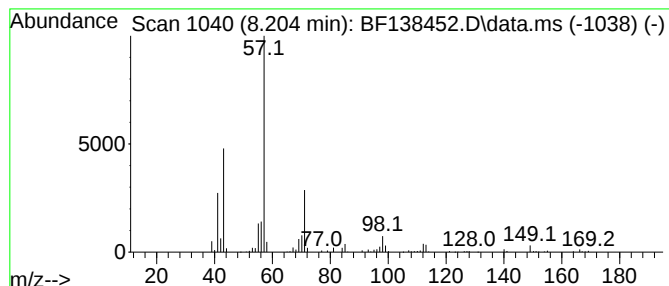
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 4 Undecane, 2,6-dimethyl- Concentration Rank 18

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 8.204 | 3.58 ng | 164351 | Naphthalene-d8   | 8.151 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | Undecane, 2,6-dimethyl-             | 184 | C13H28    | 017301-23-4  | 86   |
| 2    |    |   | Dodecane, 6-methyl-                 | 184 | C13H28    | 006044-71-9  | 78   |
| 3    |    |   | Sulfurous acid, di(2-ethylhexyl)... | 306 | C16H34O3S | 1000309-19-1 | 50   |
| 4    |    |   | Octane, 2,5-dimethyl-               | 142 | C10H22    | 015869-89-3  | 50   |
| 5    |    |   | Sulfurous acid, isobutyl pentyl ... | 208 | C9H20O3S  | 1000309-13-8 | 50   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF070324\  
Data File : BF138452.D  
Acq On : 03 Jul 2024 18:09  
Operator : CG\JU  
Sample : P3141-01  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
B-140-SB00

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF062824.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

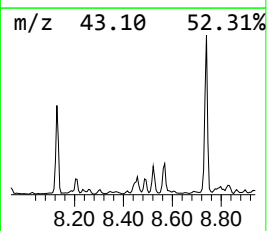
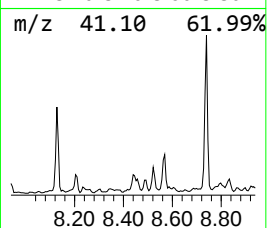
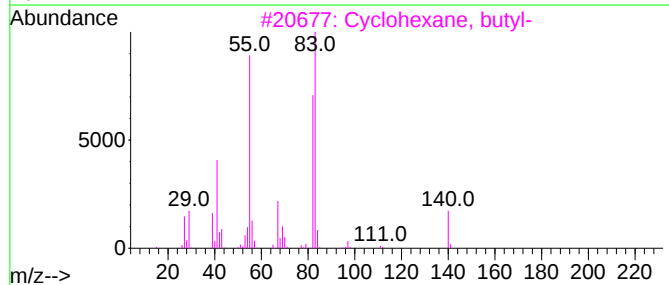
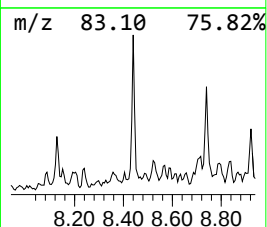
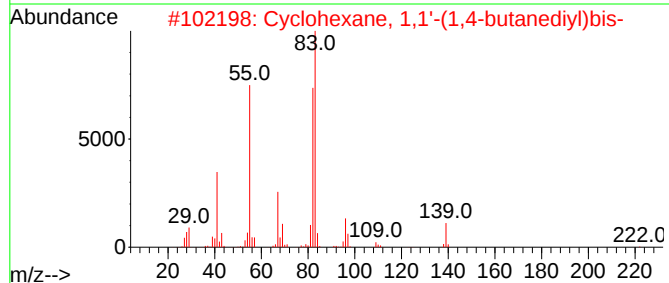
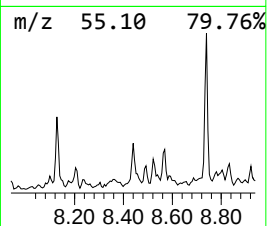
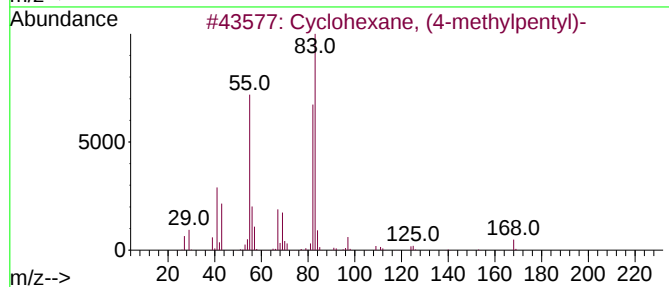
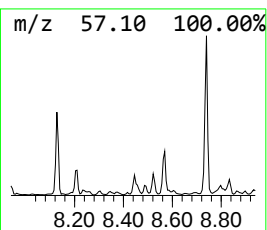
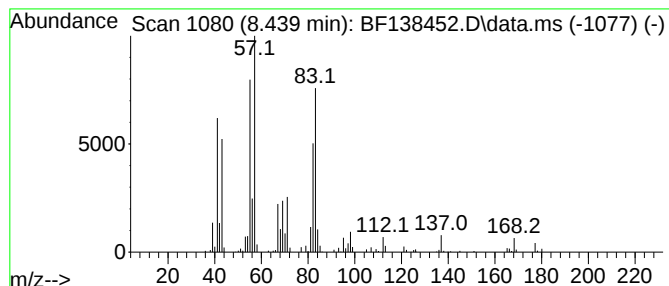
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TIC Integration Parameters: LSCINT.P

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Peak Number 5 Cyclohexane, (4-methylpentyl)- Concentration Rank 12

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 8.439 | 5.07 ng | 232651 | Naphthalene-d8   | 8.151 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Cyclohexane, (4-methylpentyl)-      | 168 | C12H24  | 061142-20-9 | 74   |
| 2    |    |   | Cyclohexane, 1,1'-(1,4-butanediyl)- | 222 | C16H30  | 006165-44-2 | 53   |
| 3    |    |   | Cyclohexane, butyl-                 | 140 | C10H20  | 001678-93-9 | 53   |
| 4    |    |   | Cyclohexane, 2-propenyl-            | 124 | C9H16   | 002114-42-3 | 53   |
| 5    |    |   | Cyclohexane, pentyl-                | 154 | C11H22  | 004292-92-6 | 50   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF070324\  
Data File : BF138452.D  
Acq On : 03 Jul 2024 18:09  
Operator : CG\JU  
Sample : P3141-01  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
B-140-SB00

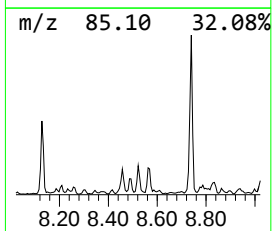
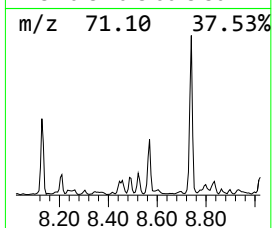
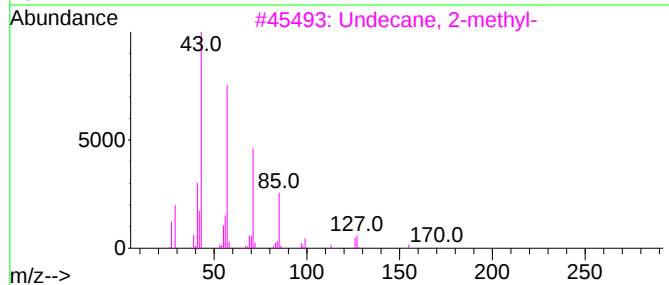
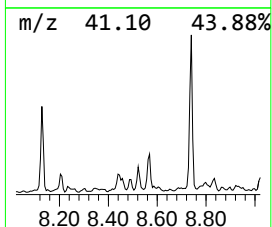
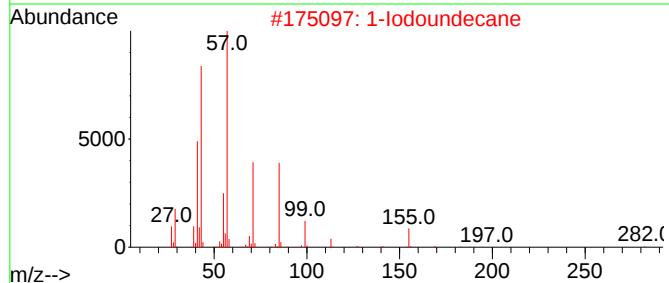
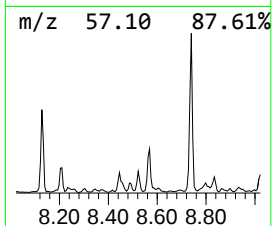
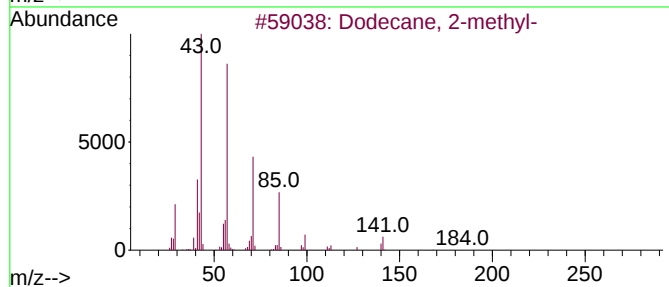
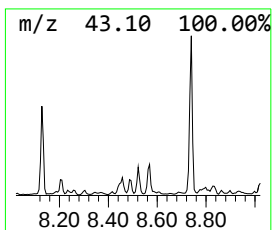
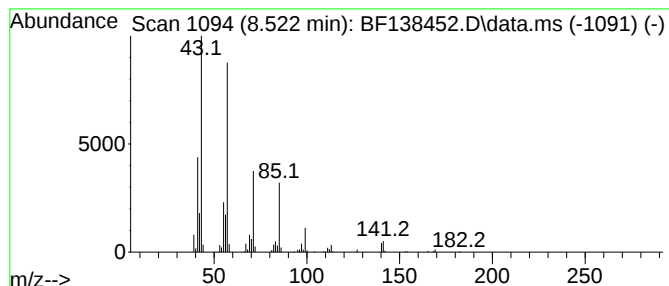
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 6 Dodecane, 2-methyl- Concentration Rank 15

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 8.522 | 4.41 ng | 202412 | Naphthalene-d8   | 8.151 |

| Hit# | of | 5 | Tentative ID          | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------|-----|---------|-------------|------|
| 1    |    |   | Dodecane, 2-methyl-   | 184 | C13H28  | 001560-97-0 | 90   |
| 2    |    |   | 1-Iodoundecane        | 282 | C11H23I | 004282-44-4 | 72   |
| 3    |    |   | Undecane, 2-methyl-   | 170 | C12H26  | 007045-71-8 | 64   |
| 4    |    |   | Decane, 2,9-dimethyl- | 170 | C12H26  | 001002-17-1 | 64   |
| 5    |    |   | Tetradecane           | 198 | C14H30  | 000629-59-4 | 59   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF070324\  
Data File : BF138452.D  
Acq On : 03 Jul 2024 18:09  
Operator : CG\JU  
Sample : P3141-01  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
B-140-SB00

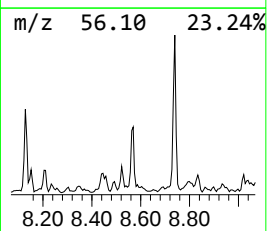
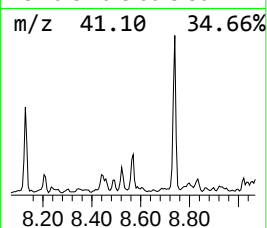
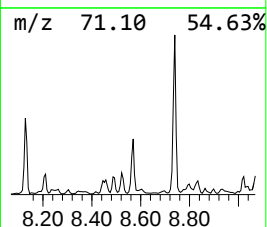
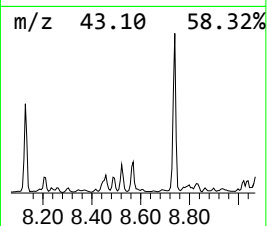
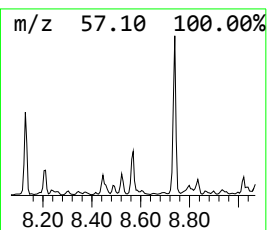
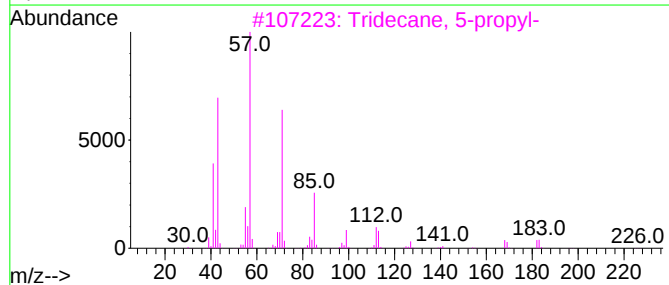
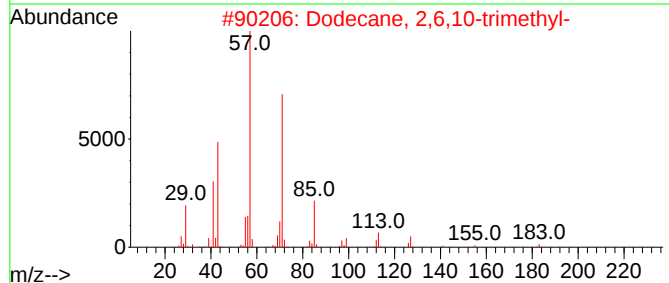
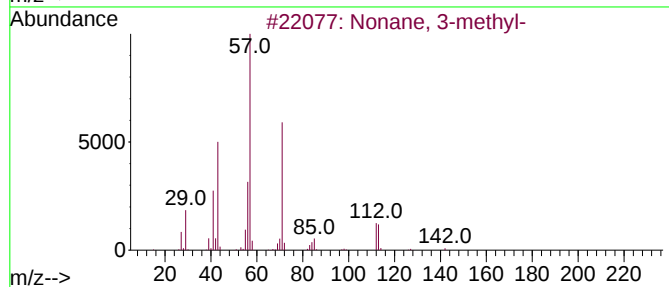
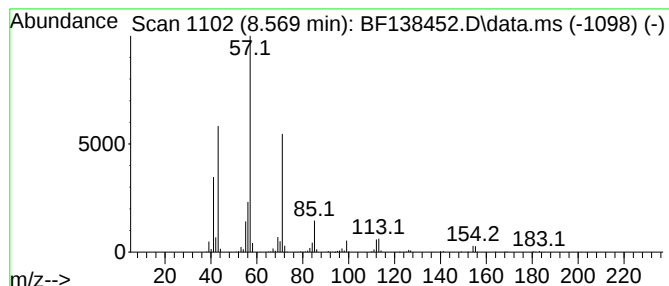
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 7 Nonane, 3-methyl- Concentration Rank 8

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 8.569 | 7.75 ng | 355685 | Naphthalene-d8   | 8.151 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|----------|--------------|------|
| 1    |    |   | Nonane, 3-methyl-                   | 142 | C10H22   | 005911-04-6  | 72   |
| 2    |    |   | Dodecane, 2,6,10-trimethyl-         | 212 | C15H32   | 003891-98-3  | 64   |
| 3    |    |   | Tridecane, 5-propyl-                | 226 | C16H34   | 055045-11-9  | 59   |
| 4    |    |   | Decane, 2,5,9-trimethyl-            | 184 | C13H28   | 062108-22-9  | 59   |
| 5    |    |   | Oxalic acid, bis(2-ethylhexyl) e... | 314 | C18H34O4 | 1000309-39-0 | 53   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF070324\  
Data File : BF138452.D  
Acq On : 03 Jul 2024 18:09  
Operator : CG\JU  
Sample : P3141-01  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
B-140-SB00

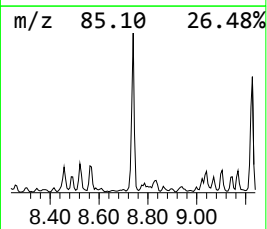
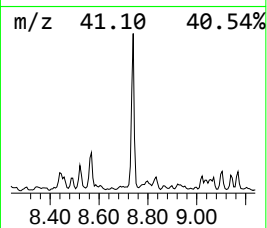
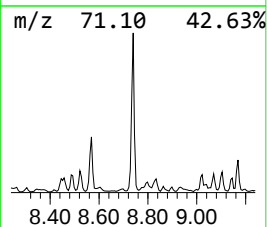
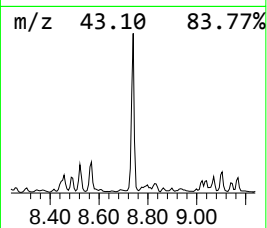
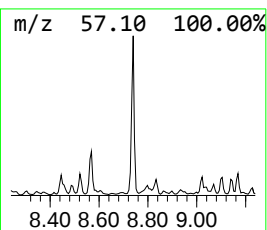
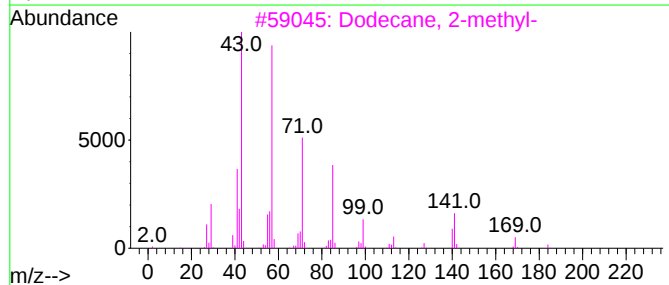
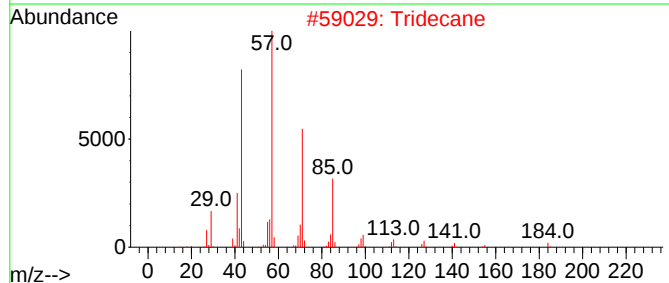
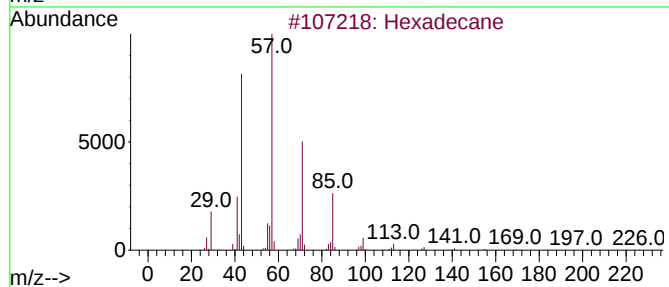
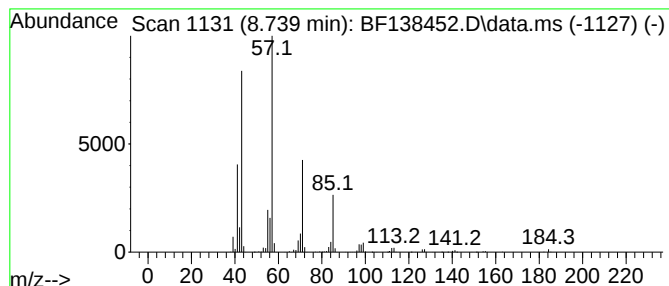
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 8 Hexadecane Concentration Rank 2

| R.T.  | EstConc  | Area    | Relative to ISTD | R.T.  |
|-------|----------|---------|------------------|-------|
| 8.739 | 28.62 ng | 1313120 | Naphthalene-d8   | 8.151 |

| Hit# | of | 5 | Tentative ID        | MW  | MolForm | CAS#        | Qual |
|------|----|---|---------------------|-----|---------|-------------|------|
| 1    |    |   | Hexadecane          | 226 | C16H34  | 000544-76-3 | 90   |
| 2    |    |   | Tridecane           | 184 | C13H28  | 000629-50-5 | 90   |
| 3    |    |   | Dodecane, 2-methyl- | 184 | C13H28  | 001560-97-0 | 72   |
| 4    |    |   | Heptadecane         | 240 | C17H36  | 000629-78-7 | 72   |
| 5    |    |   | Dodecane, 1-iodo-   | 296 | C12H25I | 004292-19-7 | 72   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF070324\  
Data File : BF138452.D  
Acq On : 03 Jul 2024 18:09  
Operator : CG\JU  
Sample : P3141-01  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
B-140-SB00

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF062824.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

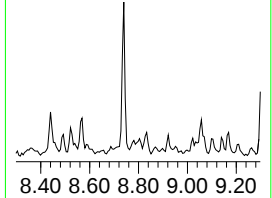
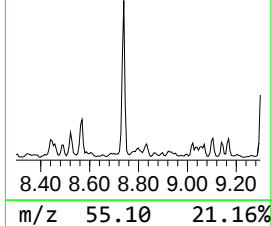
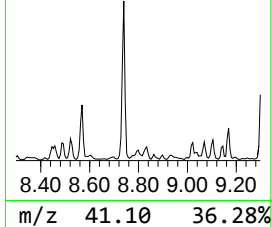
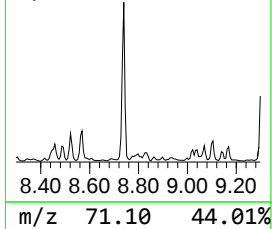
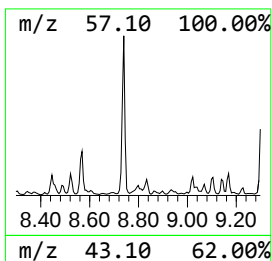
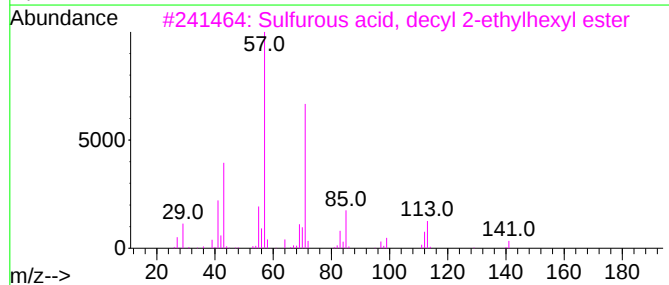
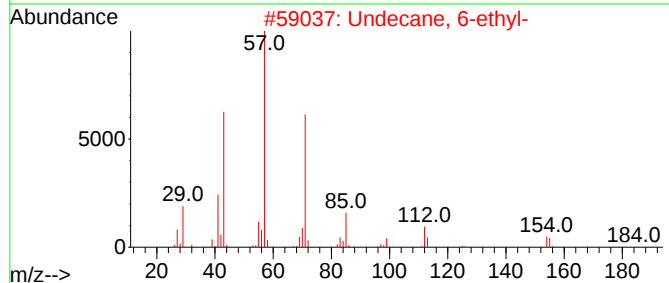
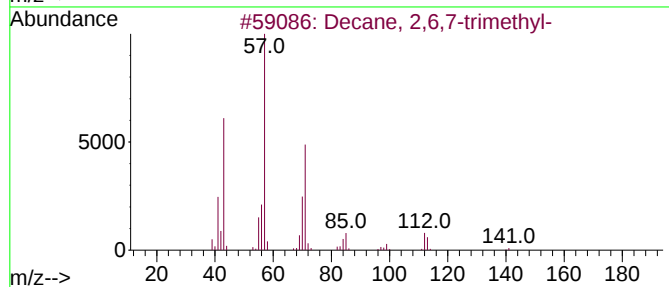
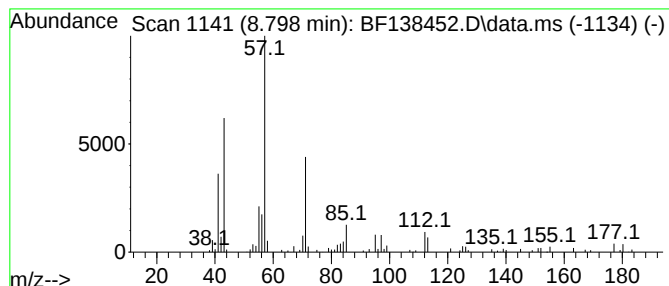
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Peak Number 9 Decane, 2,6,7-trimethyl- Concentration Rank 11

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 8.798 | 5.19 ng | 238306 | Naphthalene-d8   | 8.151 |

| Hit# | of 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|------|-------------------------------------|-----|-----------|--------------|------|
| 1    |      | Decane, 2,6,7-trimethyl-            | 184 | C13H28    | 062108-25-2  | 72   |
| 2    |      | Undecane, 6-ethyl-                  | 184 | C13H28    | 017312-60-6  | 59   |
| 3    |      | Sulfurous acid, decyl 2-ethylhex... | 334 | C18H38O3S | 1000309-19-3 | 59   |
| 4    |      | Sulfurous acid, butyl octyl ester   | 250 | C12H26O3S | 1000309-17-5 | 53   |
| 5    |      | Heptadecane, 2,6,10,14-tetramethyl- | 296 | C21H44    | 018344-37-1  | 50   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF070324\  
Data File : BF138452.D  
Acq On : 03 Jul 2024 18:09  
Operator : CG\JU  
Sample : P3141-01  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
B-140-SB00

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF062824.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

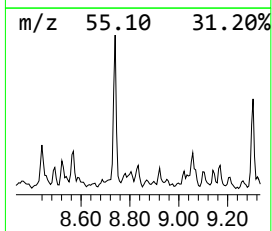
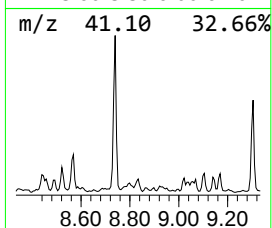
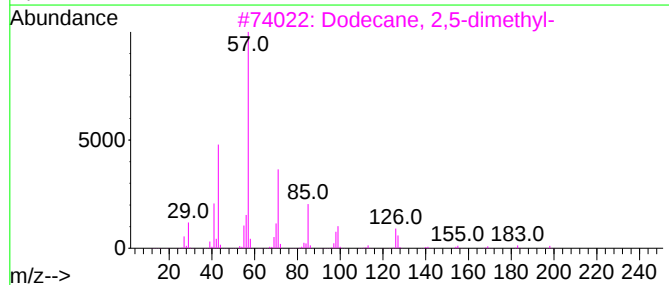
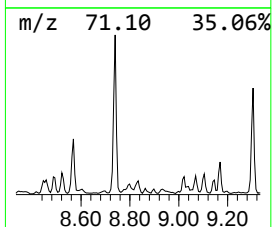
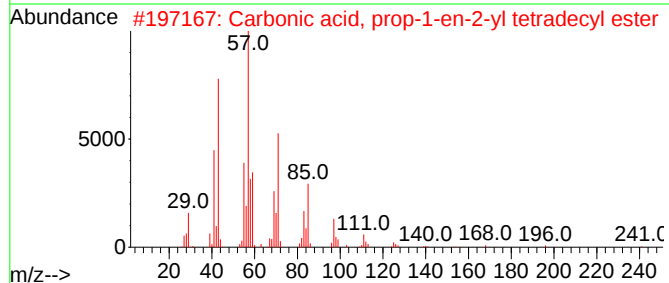
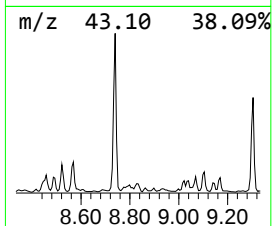
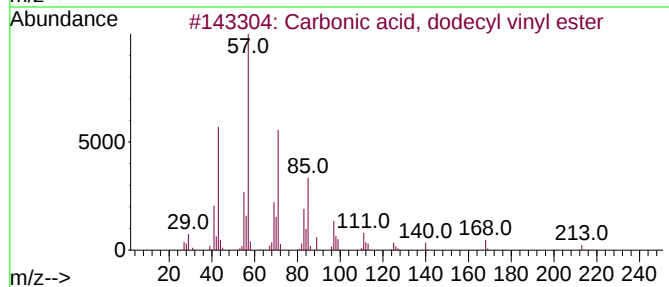
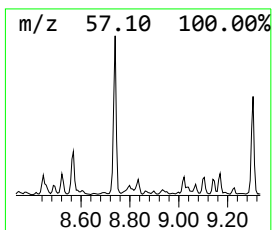
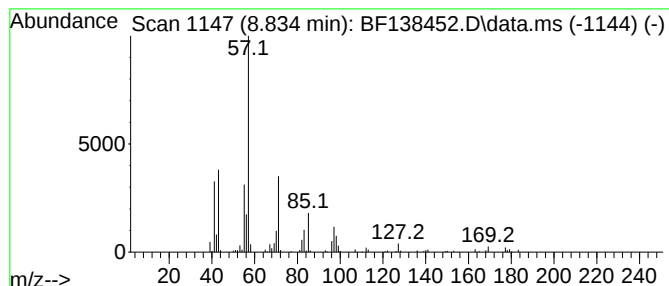
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 10 Carbonic acid, dodecyl vinyl... Concentration Rank 17

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 8.834 | 3.60 ng | 165118 | Naphthalene-d8   | 8.151 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|----------|--------------|------|
| 1    |    |   | Carbonic acid, dodecyl vinyl ester  | 256 | C15H28O3 | 1000382-54-8 | 64   |
| 2    |    |   | Carbonic acid, prop-1-en-2-yl te... | 298 | C18H34O3 | 1000382-90-9 | 64   |
| 3    |    |   | Dodecane, 2,5-dimethyl-             | 198 | C14H30   | 056292-65-0  | 59   |
| 4    |    |   | Undecane, 5,5-dimethyl-             | 184 | C13H28   | 017312-73-1  | 59   |
| 5    |    |   | Nonyl tetradecyl ether              | 340 | C23H48O  | 1000406-37-6 | 53   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF070324\  
Data File : BF138452.D  
Acq On : 03 Jul 2024 18:09  
Operator : CG\JU  
Sample : P3141-01  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
B-140-SB00

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF062824.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

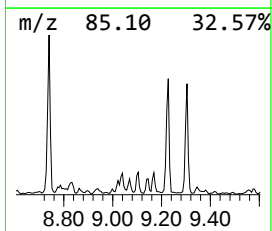
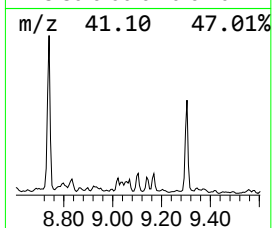
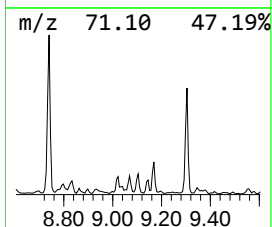
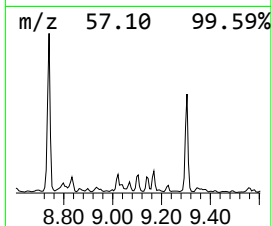
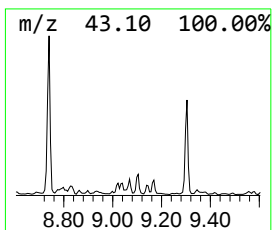
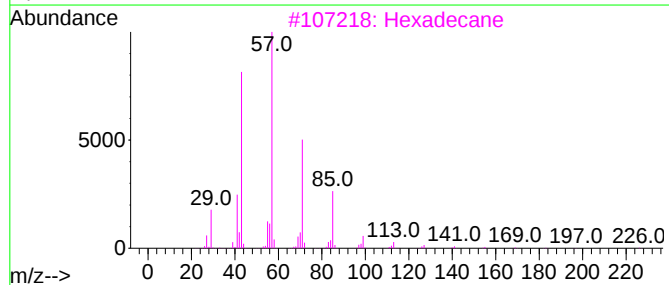
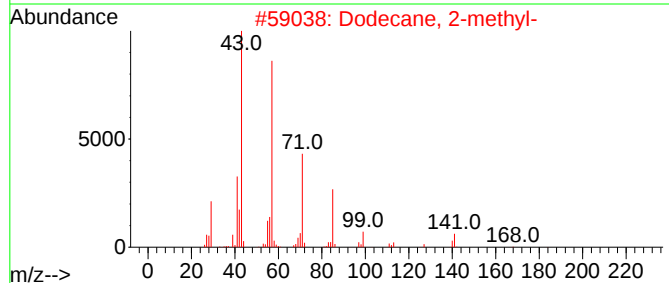
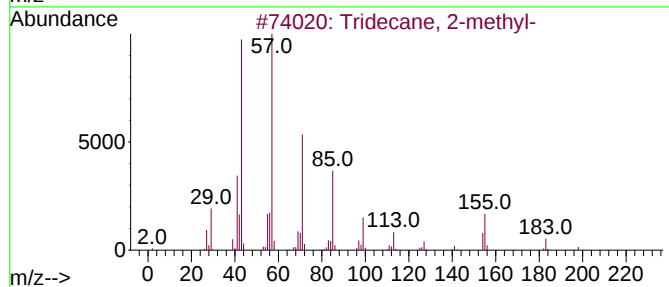
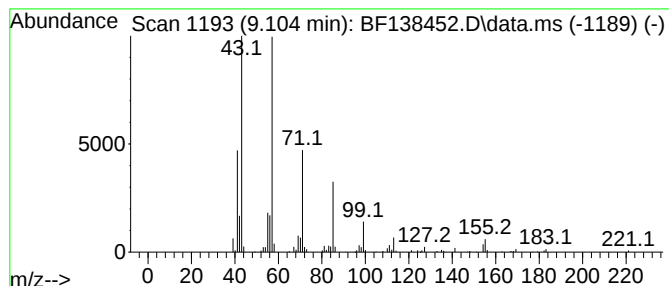
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TIC Integration Parameters: LSCINT.P

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Peak Number 11 Tridecane, 2-methyl- Concentration Rank 16

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 9.104 | 3.76 ng | 168030 | Acenaphthene-d10 | 9.904 |

| Hit# | of 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|------|-------------------------------------|-----|-----------|--------------|------|
| 1    |      | Tridecane, 2-methyl-                | 198 | C14H30    | 001560-96-9  | 90   |
| 2    |      | Dodecane, 2-methyl-                 | 184 | C13H28    | 001560-97-0  | 78   |
| 3    |      | Hexadecane                          | 226 | C16H34    | 000544-76-3  | 72   |
| 4    |      | Sulfurous acid, butyl undecyl ester | 292 | C15H32O3S | 1000309-17-8 | 72   |
| 5    |      | 3-Ethyl-3-methylheptane             | 142 | C10H22    | 017302-01-1  | 64   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF070324\  
Data File : BF138452.D  
Acq On : 03 Jul 2024 18:09  
Operator : CG\JU  
Sample : P3141-01  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
B-140-SB00

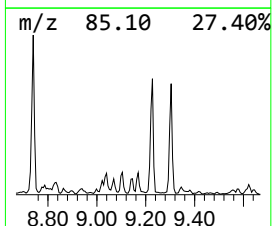
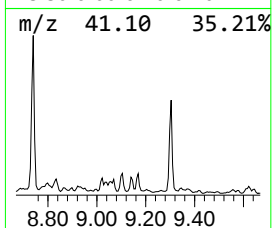
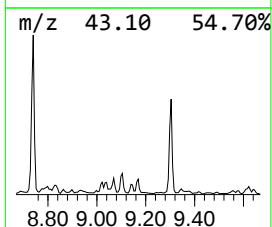
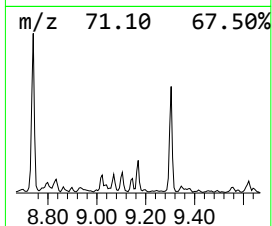
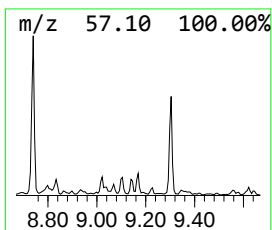
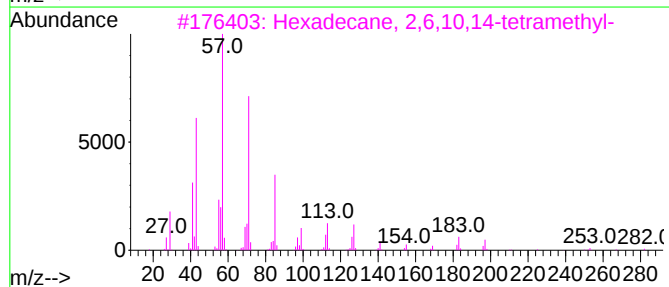
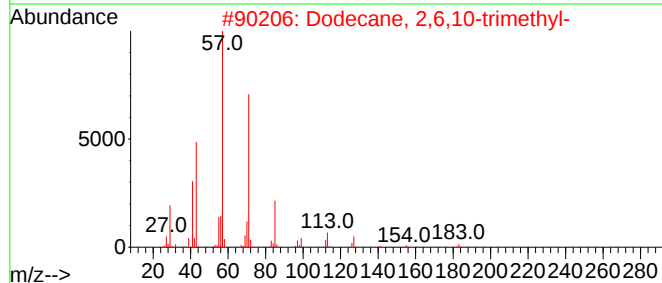
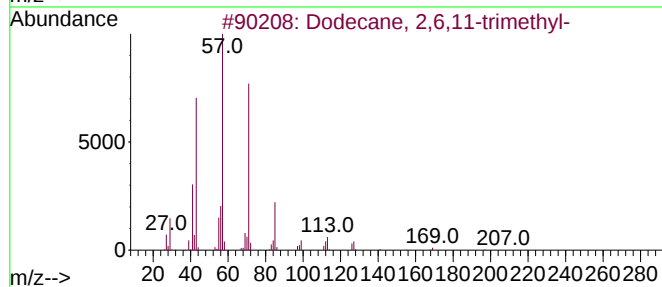
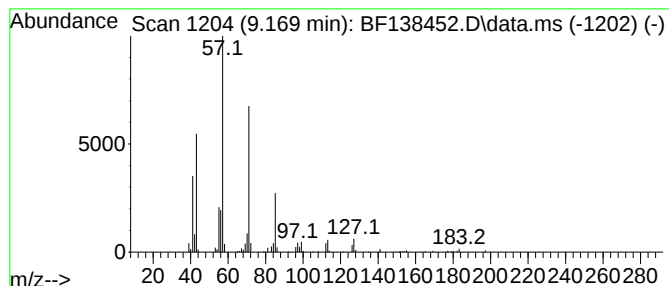
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 12 Dodecane, 2,6,11-trimethyl- Concentration Rank 19

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 9.169 | 3.55 ng | 158733 | Acenaphthene-d10 | 9.904 |

| Hit# | of 5 | Tentative ID                       | MW  | MolForm | CAS#        | Qual |
|------|------|------------------------------------|-----|---------|-------------|------|
| 1    |      | Dodecane, 2,6,11-trimethyl-        | 212 | C15H32  | 031295-56-4 | 90   |
| 2    |      | Dodecane, 2,6,10-trimethyl-        | 212 | C15H32  | 003891-98-3 | 83   |
| 3    |      | Hexadecane, 2,6,10,14-tetramethyl- | 282 | C20H42  | 000638-36-8 | 83   |
| 4    |      | Decane, 2,9-dimethyl-              | 170 | C12H26  | 001002-17-1 | 59   |
| 5    |      | Octane, 2,3,7-trimethyl-           | 156 | C11H24  | 062016-34-6 | 59   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF070324\  
Data File : BF138452.D  
Acq On : 03 Jul 2024 18:09  
Operator : CG\JU  
Sample : P3141-01  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
B-140-SB00

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF062824.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

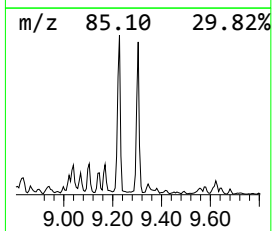
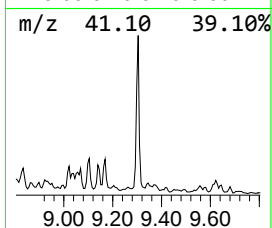
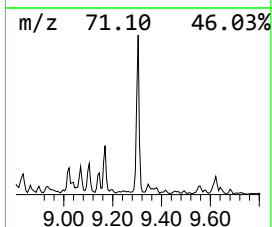
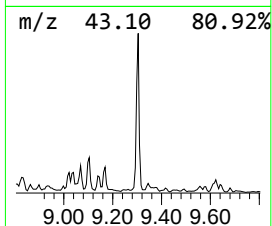
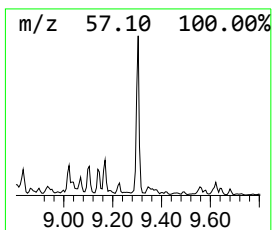
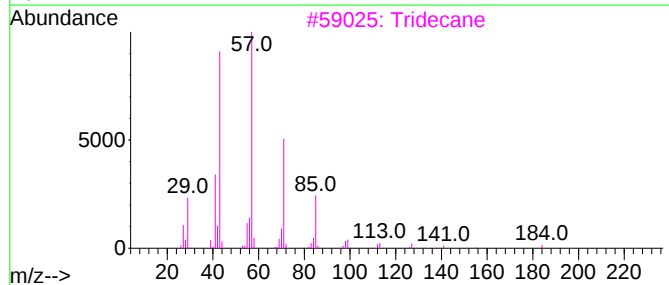
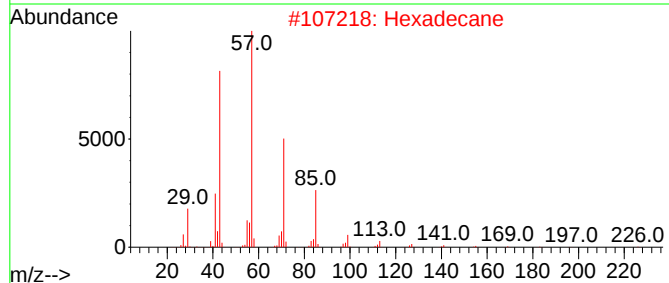
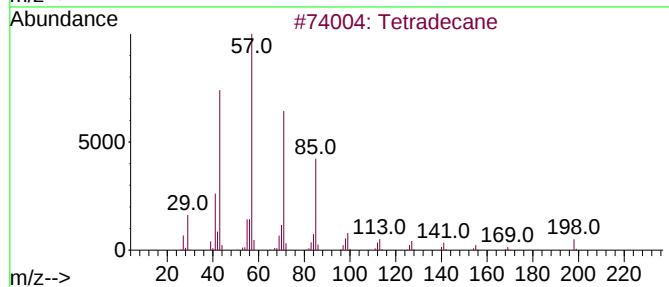
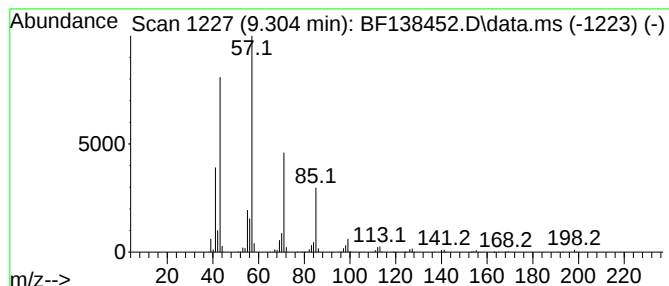
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TIC Integration Parameters: LSCINT.P

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Peak Number 13 Tetradecane Concentration Rank 3

| R.T.  | EstConc  | Area   | Relative to ISTD | R.T.  |
|-------|----------|--------|------------------|-------|
| 9.304 | 18.09 ng | 807831 | Acenaphthene-d10 | 9.904 |

| Hit# | of 5 | Tentative ID      | MW  | MolForm | CAS#        | Qual |
|------|------|-------------------|-----|---------|-------------|------|
| 1    |      | Tetradecane       | 198 | C14H30  | 000629-59-4 | 94   |
| 2    |      | Hexadecane        | 226 | C16H34  | 000544-76-3 | 91   |
| 3    |      | Tridecane         | 184 | C13H28  | 000629-50-5 | 90   |
| 4    |      | Pentadecane       | 212 | C15H32  | 000629-62-9 | 86   |
| 5    |      | Dodecane, 1-iodo- | 296 | C12H25I | 004292-19-7 | 80   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF070324\  
Data File : BF138452.D  
Acq On : 03 Jul 2024 18:09  
Operator : CG\JU  
Sample : P3141-01  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
B-140-SB00

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF062824.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

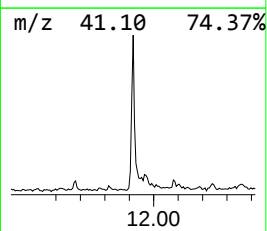
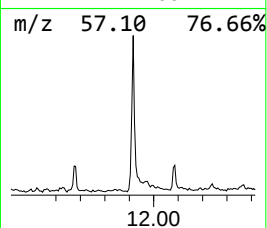
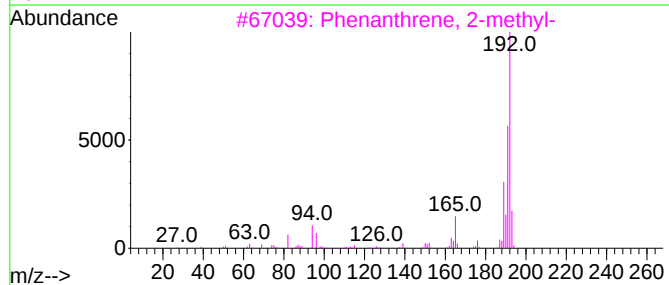
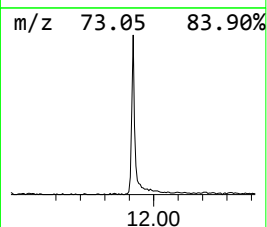
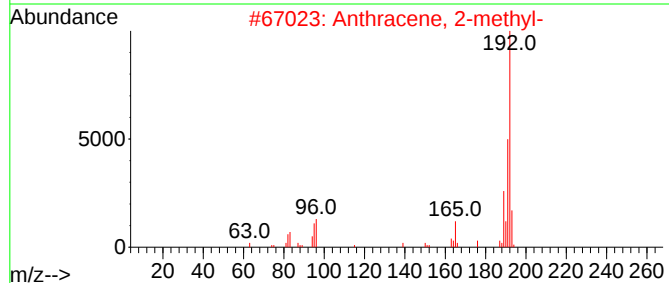
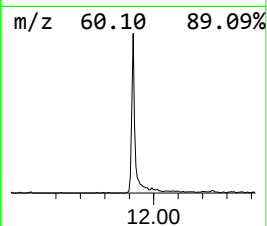
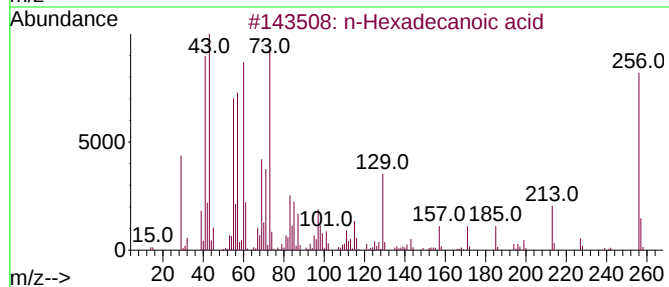
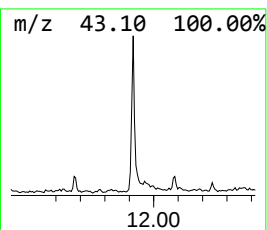
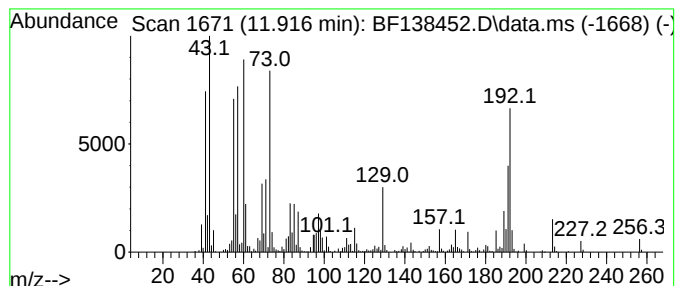
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 14 n-Hexadecanoic acid Concentration Rank 4

| R.T.   | EstConc  | Area   | Relative to ISTD | R.T.   |
|--------|----------|--------|------------------|--------|
| 11.916 | 15.84 ng | 520550 | Phenanthrene-d10 | 11.392 |

| Hit# | of 5 | Tentative ID            | MW  | MolForm  | CAS#        | Qual |
|------|------|-------------------------|-----|----------|-------------|------|
| 1    |      | n-Hexadecanoic acid     | 256 | C16H32O2 | 000057-10-3 | 96   |
| 2    |      | Anthracene, 2-methyl-   | 192 | C15H12   | 000613-12-7 | 95   |
| 3    |      | Phenanthrene, 2-methyl- | 192 | C15H12   | 002531-84-2 | 93   |
| 4    |      | Phenanthrene, 1-methyl- | 192 | C15H12   | 000832-69-9 | 92   |
| 5    |      | Phenanthrene, 4-methyl- | 192 | C15H12   | 000832-64-4 | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF070324\  
Data File : BF138452.D  
Acq On : 03 Jul 2024 18:09  
Operator : CG\JU  
Sample : P3141-01  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

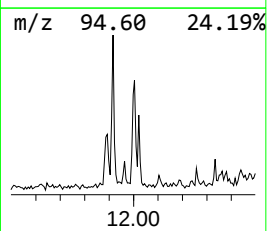
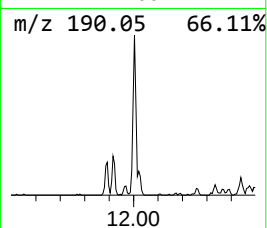
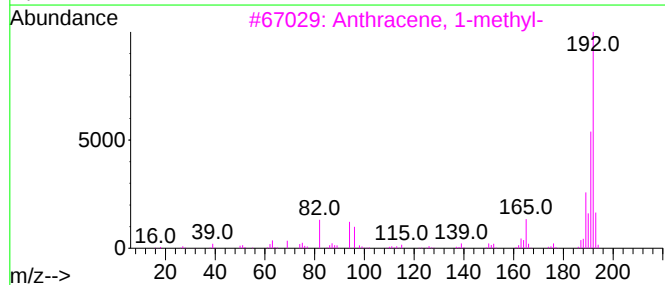
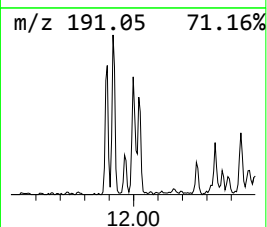
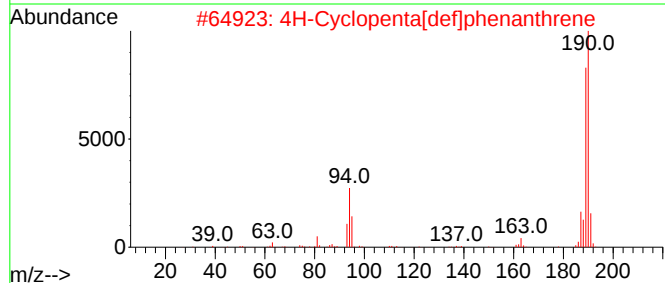
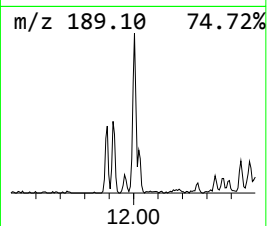
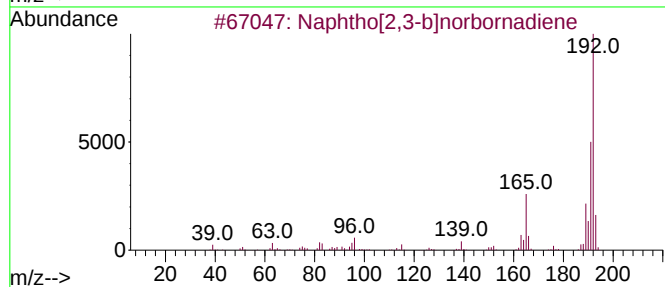
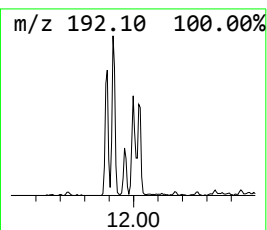
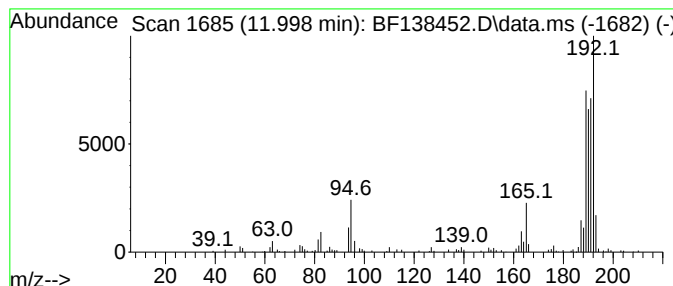
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ClientSampleId :  
B-140-SB00

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF062824.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 15 Naphtho[2,3-b]norbornadiene Concentration Rank 13

| R.T.      | EstConc                             | Area   | Relative to ISTD |         | R.T.        |      |
|-----------|-------------------------------------|--------|------------------|---------|-------------|------|
| 11.998    | 4.57 ng                             | 150232 | Phenanthrene-d10 |         | 11.392      |      |
| Hit# of 5 | Tentative ID                        |        | MW               | MolForm | CAS#        | Qual |
| 1         | Naphtho[2,3-b]norbornadiene         |        | 192              | C15H12  | 107426-38-0 | 55   |
| 2         | 4H-Cyclopenta[def]phenanthrene      |        | 190              | C15H10  | 000203-64-5 | 55   |
| 3         | Anthracene, 1-methyl-               |        | 192              | C15H12  | 000610-48-0 | 55   |
| 4         | 1H-Indene, 2-phenyl-                |        | 192              | C15H12  | 004505-48-0 | 55   |
| 5         | 1H-Cyclopropa[1]phenanthrene,1a,... |        | 192              | C15H12  | 000949-41-7 | 50   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF070324\  
Data File : BF138452.D  
Acq On : 03 Jul 2024 18:09  
Operator : CG\JU  
Sample : P3141-01  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
B-140-SB00

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF062824.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

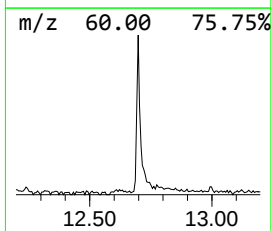
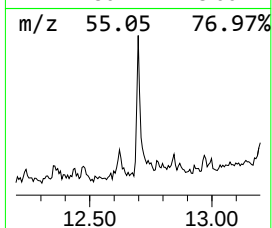
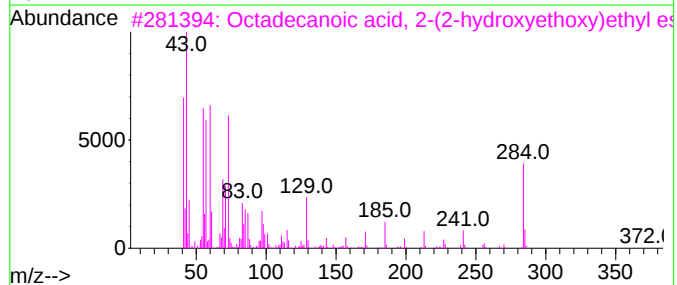
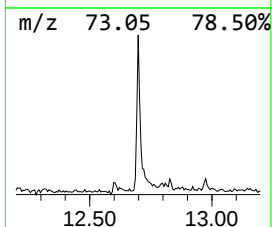
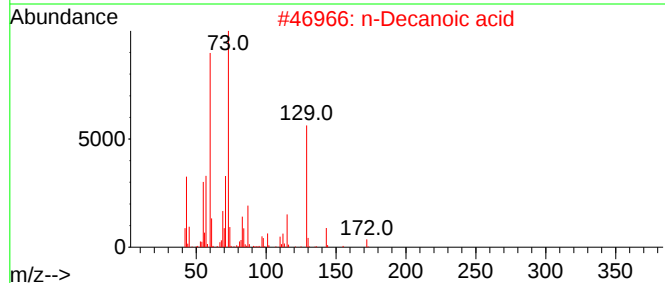
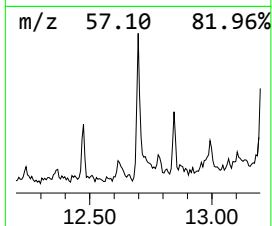
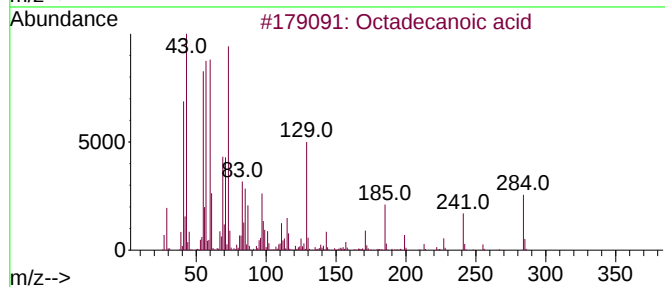
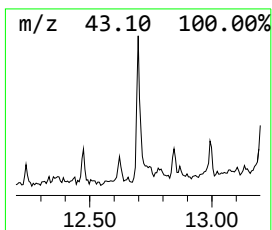
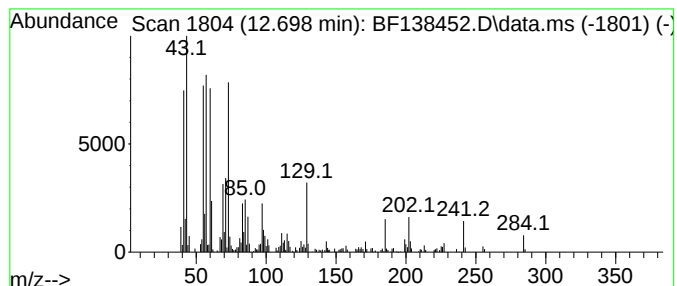
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TIC Integration Parameters: LSCINT.P

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Peak Number 16 Octadecanoic acid Concentration Rank 10

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 12.698 | 5.44 ng | 178791 | Phenanthrene-d10 | 11.392 |

| Hit# | of 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|------|-------------------------------------|-----|----------|-------------|------|
| 1    |      | Octadecanoic acid                   | 284 | C18H36O2 | 000057-11-4 | 94   |
| 2    |      | n-Decanoic acid                     | 172 | C10H20O2 | 000334-48-5 | 91   |
| 3    |      | Octadecanoic acid, 2-(2-hydroxye... | 372 | C22H44O4 | 000106-11-6 | 86   |
| 4    |      | n-Hexadecanoic acid                 | 256 | C16H32O2 | 000057-10-3 | 83   |
| 5    |      | Isopropyl palmitate                 | 298 | C19H38O2 | 000142-91-6 | 72   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF070324\  
Data File : BF138452.D  
Acq On : 03 Jul 2024 18:09  
Operator : CG\JU  
Sample : P3141-01  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
B-140-SB00

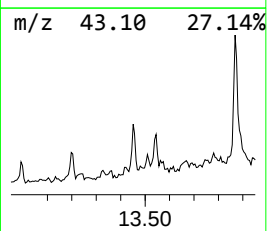
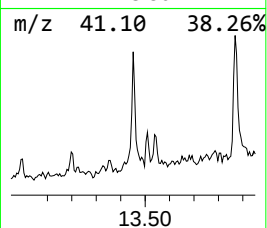
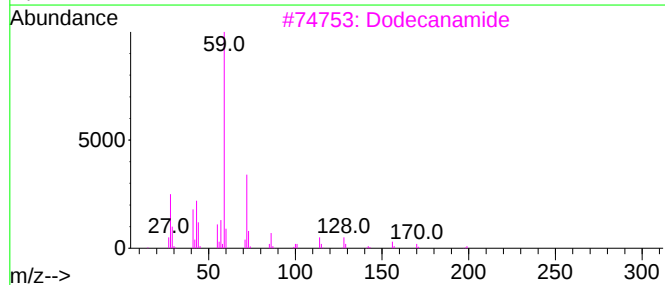
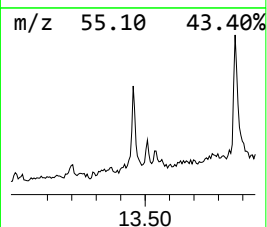
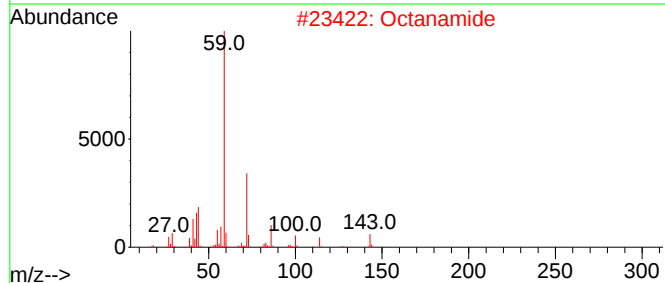
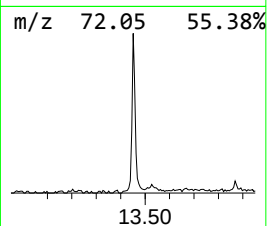
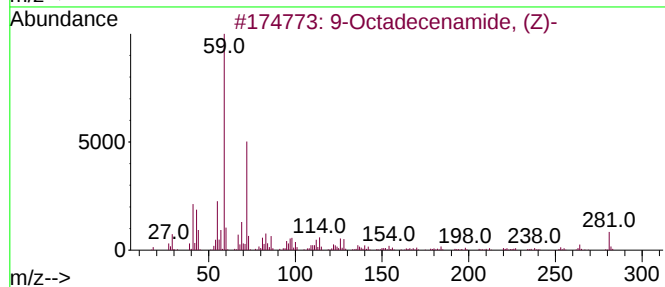
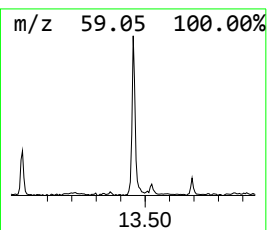
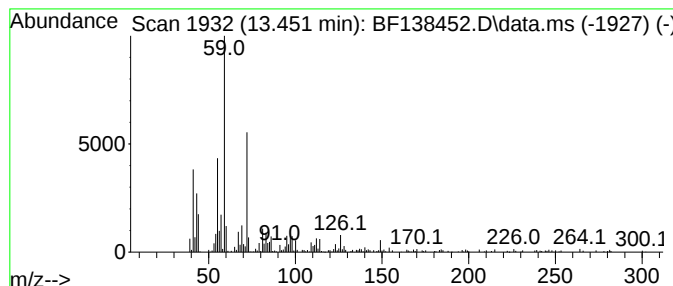
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 17 9-Octadecenamide, (Z)- Concentration Rank 20

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 13.451 | 3.55 ng | 237656 | Chrysene-d12     | 14.027 |

| Hit# | of 5 | Tentative ID                        | MW  | MolForm    | CAS#        | Qual |
|------|------|-------------------------------------|-----|------------|-------------|------|
| 1    |      | 9-Octadecenamide, (Z)-              | 281 | C18H35NO   | 000301-02-0 | 94   |
| 2    |      | Octanamide                          | 143 | C8H17NO    | 000629-01-6 | 78   |
| 3    |      | Dodecanamide                        | 199 | C12H25NO   | 001120-16-7 | 72   |
| 4    |      | Hexadecanamide                      | 255 | C16H33NO   | 000629-54-9 | 72   |
| 5    |      | Benzeneethanamine, 2-fluoro-.bet... | 229 | C11H16FN03 | 061338-98-5 | 72   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF070324\  
Data File : BF138452.D  
Acq On : 03 Jul 2024 18:09  
Operator : CG\JU  
Sample : P3141-01  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
B-140-SB00

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF062824.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

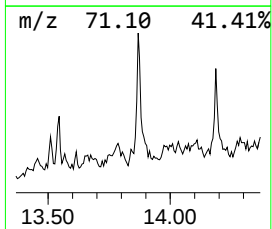
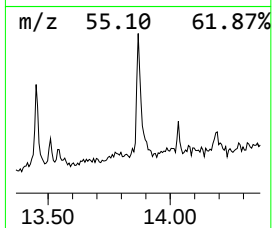
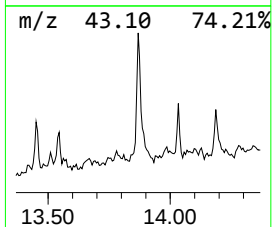
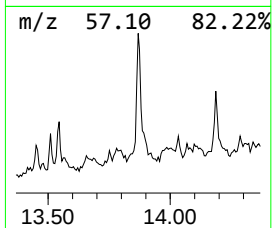
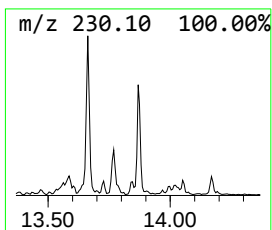
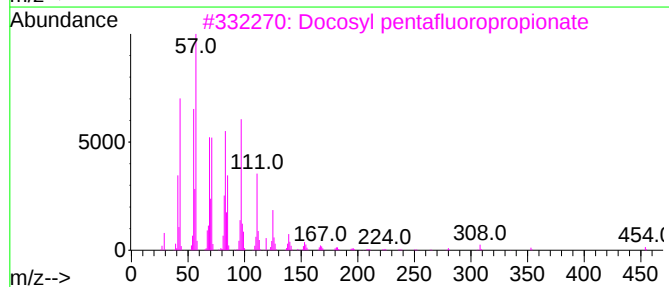
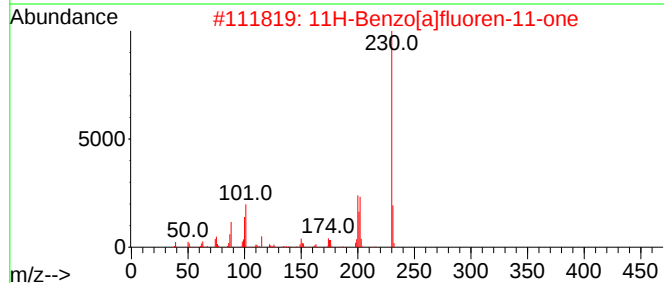
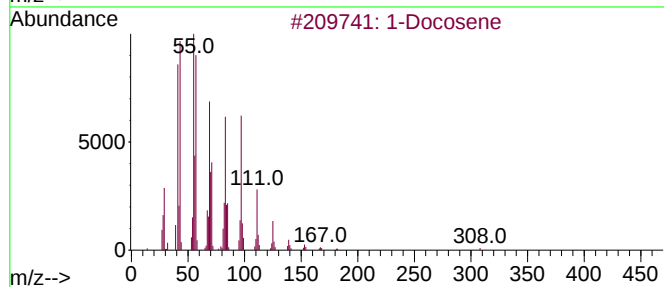
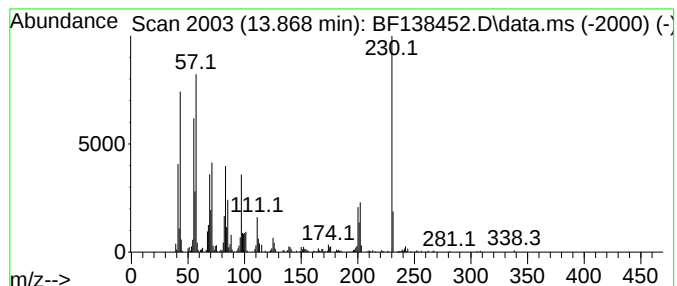
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 18 1-Docosene Concentration Rank 9

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 13.868 | 5.73 ng | 383698 | Chrysene-d12     | 14.027 |

| Hit# | of                                  | 5 | Tentative ID | MW  | MolForm     | CAS#         | Qual |
|------|-------------------------------------|---|--------------|-----|-------------|--------------|------|
| 1    | 1-Docosene                          |   |              | 308 | C22H44      | 001599-67-3  | 92   |
| 2    | 11H-Benzo[a]fluoren-11-one          |   |              | 230 | C17H10O     | 000479-79-8  | 90   |
| 3    | Docosyl pentafluoropropionate       |   |              | 472 | C25H45F5O2  | 1000351-80-9 | 46   |
| 4    | Octacosyl trifluoroacetate          |   |              | 506 | C30H57F3O2  | 1000351-74-9 | 46   |
| 5    | Pentadecafluorooctanoic acid, oc... |   |              | 666 | C26H37F15O2 | 1000406-04-8 | 46   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF070324\  
Data File : BF138452.D  
Acq On : 03 Jul 2024 18:09  
Operator : CG\JU  
Sample : P3141-01  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
B-140-SB00

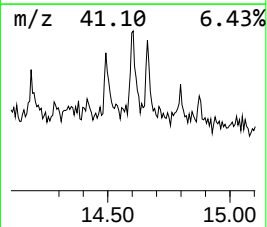
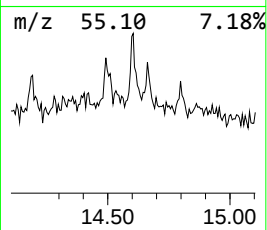
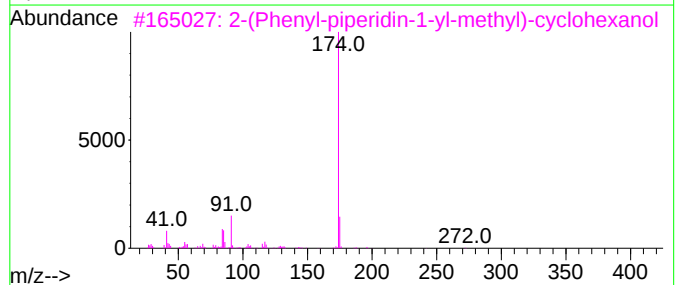
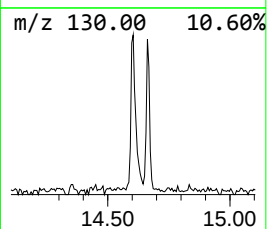
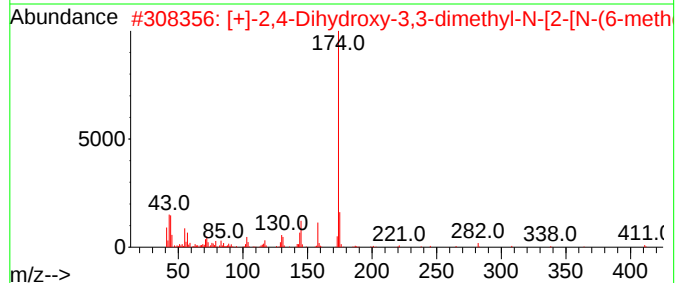
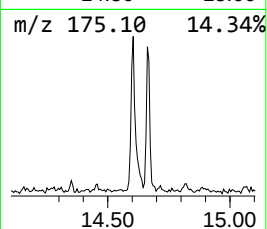
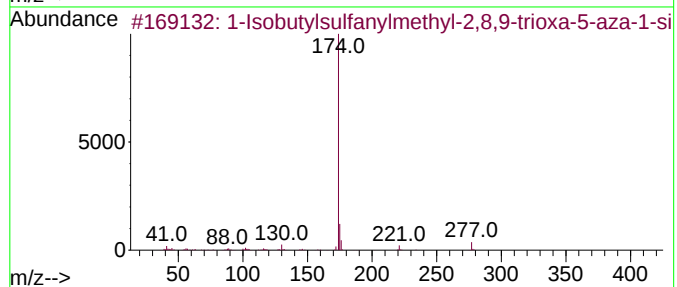
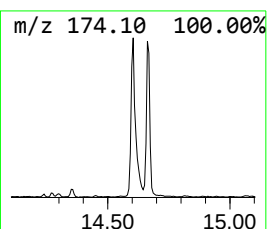
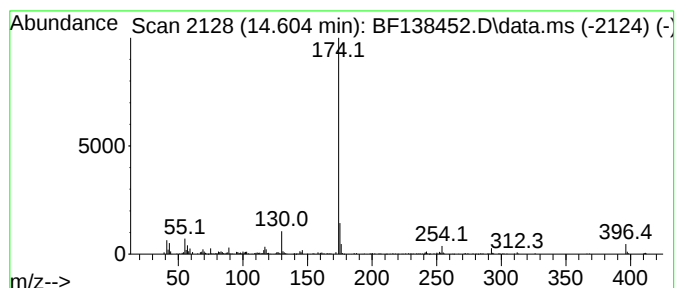
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 19 1-Isobutylsulfanylmethyl-2,... Concentration Rank 14

| R.T.      | EstConc                             | Area   | Relative to ISTD | R.T.        |      |
|-----------|-------------------------------------|--------|------------------|-------------|------|
| 14.604    | 4.43 ng                             | 296850 | Chrysene-d12     | 14.027      |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm          | CAS#        | Qual |
| 1         | 1-Isobutylsulfanylmethyl-2,8,9-t... | 277    | C11H23NO3SSi     | 069821-15-4 | 64   |
| 2         | [+]-2,4-Dihydroxy-3,3-dimethyl-N... | 411    | C18H25N3O6S      | 028124-68-7 | 64   |
| 3         | 2-(Phenyl-piperidin-1-yl-methyl)... | 273    | C18H27NO         | 101887-99-4 | 53   |
| 4         | Malonic acid, benzylidene-, mono... | 206    | C11H10O4         | 022621-53-0 | 53   |
| 5         | N-[[2-p-Tolylsulfonyl]ethyl]phth... | 329    | C17H15NO4S       | 069384-65-2 | 50   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF070324\  
Data File : BF138452.D  
Acq On : 03 Jul 2024 18:09  
Operator : CG\JU  
Sample : P3141-01  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
B-140-SB00

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF062824.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

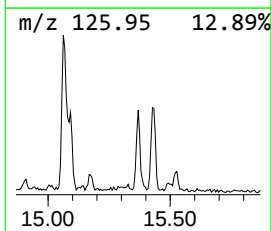
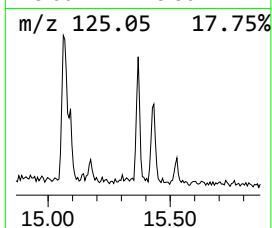
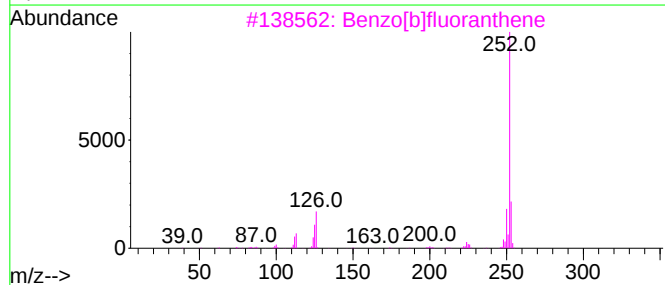
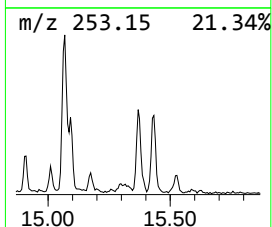
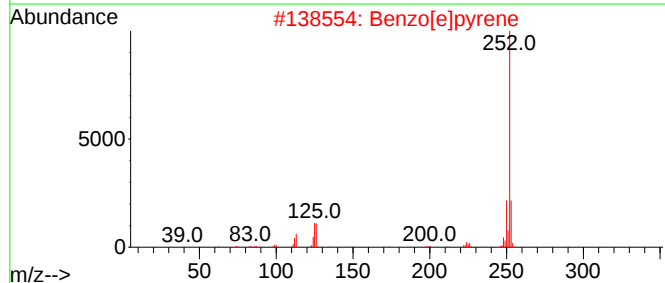
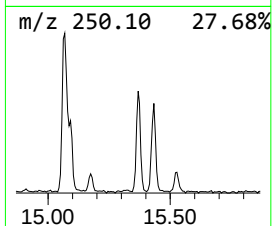
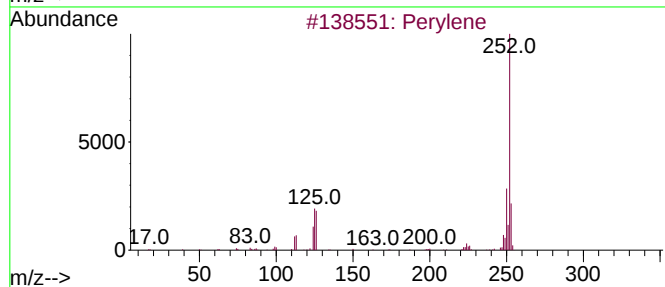
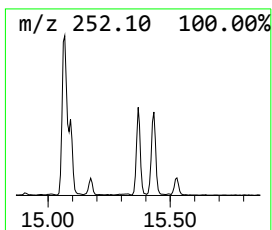
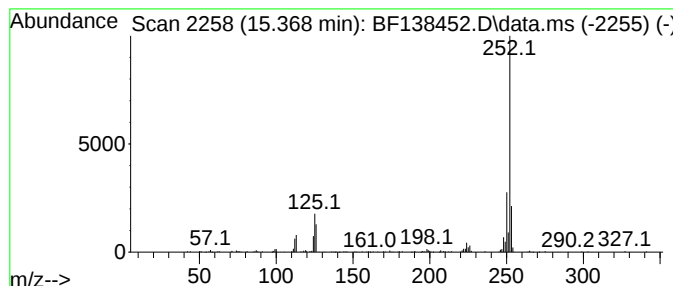
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 20 Perylene Concentration Rank 7

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 15.368 | 8.08 ng | 190448 | Perylene-d12     | 15.498 |

| Hit# | of 5 | Tentative ID         | MW  | MolForm | CAS#        | Qual |
|------|------|----------------------|-----|---------|-------------|------|
| 1    |      | Perylene             | 252 | C20H12  | 000198-55-0 | 99   |
| 2    |      | Benzo[e]pyrene       | 252 | C20H12  | 000192-97-2 | 98   |
| 3    |      | Benzo[b]fluoranthene | 252 | C20H12  | 000205-99-2 | 96   |
| 4    |      | Benzo[k]fluoranthene | 252 | C20H12  | 000207-08-9 | 94   |
| 5    |      | Benzo[a]pyrene       | 252 | C20H12  | 000050-32-8 | 93   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF070324\  
Data File : BF138452.D  
Acq On : 03 Jul 2024 18:09  
Operator : CG\JU  
Sample : P3141-01  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
B-140-SB00

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF062824.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 |
| Butane, 2-metho... | 2.181  | 63.2    | ng    | 2627850  | 1                     | 6.869  | 831985  | 20.0 |
| 2-Pentanone, 4-... | 5.093  | 8.5     | ng    | 355096   | 1                     | 6.869  | 831985  | 20.0 |
| Decane             | 6.704  | 8.2     | ng    | 341029   | 1                     | 6.869  | 831985  | 20.0 |
| Undecane, 2,6-d... | 8.204  | 3.6     | ng    | 164351   | 2                     | 8.151  | 917731  | 20.0 |
| Cyclohexane, (4... | 8.439  | 5.1     | ng    | 232651   | 2                     | 8.151  | 917731  | 20.0 |
| Dodecane, 2-met... | 8.522  | 4.4     | ng    | 202412   | 2                     | 8.151  | 917731  | 20.0 |
| Nonane, 3-methyl-  | 8.569  | 7.8     | ng    | 355685   | 2                     | 8.151  | 917731  | 20.0 |
| Hexadecane         | 8.739  | 28.6    | ng    | 1313120  | 2                     | 8.151  | 917731  | 20.0 |
| Decane, 2,6,7-t... | 8.798  | 5.2     | ng    | 238306   | 2                     | 8.151  | 917731  | 20.0 |
| Carbonic acid, ... | 8.834  | 3.6     | ng    | 165118   | 2                     | 8.151  | 917731  | 20.0 |
| Tridecane, 2-me... | 9.104  | 3.8     | ng    | 168030   | 3                     | 9.904  | 893101  | 20.0 |
| Dodecane, 2,6,1... | 9.169  | 3.5     | ng    | 158733   | 3                     | 9.904  | 893101  | 20.0 |
| Tetradecane        | 9.304  | 18.1    | ng    | 807831   | 3                     | 9.904  | 893101  | 20.0 |
| n-Hexadecanoic ... | 11.916 | 15.8    | ng    | 520550   | 4                     | 11.392 | 657385  | 20.0 |
| Naphtho[2,3-b]n... | 11.998 | 4.6     | ng    | 150232   | 4                     | 11.392 | 657385  | 20.0 |
| Octadecanoic acid  | 12.698 | 5.4     | ng    | 178791   | 4                     | 11.392 | 657385  | 20.0 |
| 9-Octadecenamid... | 13.451 | 3.5     | ng    | 237656   | 5                     | 14.027 | 1338770 | 20.0 |
| 1-Docosene         | 13.868 | 5.7     | ng    | 383698   | 5                     | 14.027 | 1338770 | 20.0 |
| 1-Isobutylsulfa... | 14.604 | 4.4     | ng    | 296850   | 5                     | 14.027 | 1338770 | 20.0 |
| Perylene           | 15.368 | 8.1     | ng    | 190448   | 6                     | 15.498 | 471641  | 20.0 |