

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF010824\  
 Data File : BF136997.D  
 Acq On : 08 Jan 2024 14:47  
 Operator : CG\JU  
 Sample : P1038-01  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MW-1

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-BF122023.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF136997.D\data.ms

| peak<br># | R.T.<br>min | first<br>scan | max<br>scan | last<br>scan | PK<br>TY | peak<br>height | corr.<br>area | corr.<br>% max. | % of<br>total |
|-----------|-------------|---------------|-------------|--------------|----------|----------------|---------------|-----------------|---------------|
| 1         | 5.010       | 493           | 497         | 505          | rBV3     | 122917         | 170927        | 3.09%           | 0.182%        |
| 2         | 5.381       | 557           | 560         | 565          | rBV2     | 116726         | 161028        | 2.91%           | 0.172%        |
| 3         | 5.428       | 565           | 568         | 574          | rVB      | 874944         | 775125        | 14.00%          | 0.826%        |
| 4         | 6.034       | 668           | 671         | 673          | rVV2     | 217928         | 223557        | 4.04%           | 0.238%        |
| 5         | 6.222       | 697           | 703         | 706          | rBV      | 157974         | 192573        | 3.48%           | 0.205%        |
| 6         | 6.310       | 715           | 718         | 721          | rBV      | 499707         | 516963        | 9.34%           | 0.551%        |
| 7         | 6.434       | 736           | 739         | 741          | rBV      | 588671         | 509070        | 9.19%           | 0.542%        |
| 8         | 6.469       | 743           | 745         | 750          | rVB      | 311432         | 285676        | 5.16%           | 0.304%        |
| 9         | 6.528       | 750           | 755         | 758          | rBV3     | 162414         | 290544        | 5.25%           | 0.309%        |
| 10        | 6.616       | 766           | 770         | 772          | rBV2     | 572756         | 674398        | 12.18%          | 0.718%        |
| 11        | 6.793       | 793           | 800         | 805          | rVB3     | 711717         | 1055623       | 19.06%          | 1.124%        |
| 12        | 6.840       | 805           | 808         | 811          | rBV      | 366445         | 340864        | 6.16%           | 0.363%        |
| 13        | 6.928       | 820           | 823         | 826          | rBV2     | 385408         | 407034        | 7.35%           | 0.434%        |
| 14        | 6.963       | 826           | 829         | 831          | rVB      | 432943         | 380735        | 6.88%           | 0.406%        |
| 15        | 7.010       | 834           | 837         | 839          | rBV2     | 170288         | 165372        | 2.99%           | 0.176%        |
| 16        | 7.057       | 841           | 845         | 847          | rVB2     | 621452         | 754710        | 13.63%          | 0.804%        |
| 17        | 7.087       | 847           | 850         | 851          | rBV      | 331894         | 283072        | 5.11%           | 0.302%        |
| 18        | 7.122       | 854           | 856         | 859          | rVB2     | 412470         | 350928        | 6.34%           | 0.374%        |
| 19        | 7.175       | 859           | 865         | 867          | rBV2     | 792034         | 926248        | 16.73%          | 0.987%        |
| 20        | 7.204       | 867           | 870         | 874          | rVB3     | 191602         | 244520        | 4.42%           | 0.260%        |
| 21        | 7.251       | 874           | 878         | 880          | rBV3     | 289395         | 357325        | 6.45%           | 0.381%        |
| 22        | 7.316       | 884           | 889         | 891          | rBV2     | 706197         | 982947        | 17.75%          | 1.047%        |
| 23        | 7.351       | 891           | 895         | 898          | rBV      | 1378645        | 1265775       | 22.86%          | 1.348%        |
| 24        | 7.375       | 898           | 899         | 902          | rVB      | 678364         | 529567        | 9.56%           | 0.564%        |
| 25        | 7.428       | 902           | 908         | 911          | rBV6     | 742358         | 1126513       | 20.34%          | 1.200%        |
| 26        | 7.469       | 911           | 915         | 916          | rBV3     | 420520         | 519138        | 9.37%           | 0.553%        |
| 27        | 7.492       | 917           | 919         | 922          | rVB3     | 405559         | 361011        | 6.52%           | 0.385%        |
| 28        | 7.534       | 923           | 926         | 928          | rBV3     | 198749         | 241013        | 4.35%           | 0.257%        |
| 29        | 7.557       | 928           | 930         | 932          | rBV3     | 467027         | 497938        | 8.99%           | 0.530%        |
| 30        | 7.581       | 932           | 934         | 938          | rVB2     | 975803         | 951846        | 17.19%          | 1.014%        |
| 31        | 7.669       | 945           | 949         | 950          | rBV3     | 337537         | 407671        | 7.36%           | 0.434%        |
| 32        | 7.704       | 950           | 955         | 959          | rBV6     | 626308         | 864421        | 15.61%          | 0.921%        |
| 33        | 7.745       | 959           | 962         | 965          | rVB3     | 692621         | 877959        | 15.85%          | 0.935%        |
| 34        | 7.781       | 965           | 968         | 970          | rBV3     | 747750         | 846888        | 15.29%          | 0.902%        |
| 35        | 7.804       | 970           | 972         | 976          | rVB3     | 682915         | 582889        | 10.53%          | 0.621%        |
| 36        | 7.857       | 979           | 981         | 983          | rBV      | 363706         | 370922        | 6.70%           | 0.395%        |

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Sample : P1038-01  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
MW-1

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-BF122023.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|    |       |      |      |      |      |         |         |        |        |
|----|-------|------|------|------|------|---------|---------|--------|--------|
| 37 | 7.881 | 983  | 985  | 987  | rVB2 | 426691  | 365707  | 6.60%  | 0.390% |
| 38 | 7.904 | 987  | 989  | 991  | rVB2 | 343657  | 247979  | 4.48%  | 0.264% |
| 39 | 7.934 | 991  | 994  | 998  | rBV3 | 575986  | 708445  | 12.79% | 0.755% |
| 40 | 7.969 | 998  | 1000 | 1002 | rBV  | 374266  | 259757  | 4.69%  | 0.277% |
| 41 | 8.022 | 1003 | 1009 | 1011 | rBV4 | 649631  | 1214389 | 21.93% | 1.293% |
| 42 | 8.051 | 1011 | 1014 | 1018 | rBV4 | 997621  | 1518123 | 27.41% | 1.617% |
| 43 | 8.087 | 1018 | 1020 | 1023 | rBV3 | 484052  | 444012  | 8.02%  | 0.473% |
| 44 | 8.116 | 1023 | 1025 | 1026 | rBV  | 605824  | 574438  | 10.37% | 0.612% |
| 45 | 8.134 | 1026 | 1028 | 1030 | rVB  | 1456784 | 1057151 | 19.09% | 1.126% |
| 46 | 8.157 | 1030 | 1032 | 1035 | rVB2 | 633654  | 482382  | 8.71%  | 0.514% |
| 47 | 8.239 | 1039 | 1046 | 1048 | rBV3 | 815432  | 1483456 | 26.79% | 1.580% |
| 48 | 8.269 | 1048 | 1051 | 1054 | rVB3 | 1059143 | 1056436 | 19.08% | 1.125% |
| 49 | 8.310 | 1054 | 1058 | 1061 | rBV3 | 534041  | 693813  | 12.53% | 0.739% |
| 50 | 8.363 | 1061 | 1067 | 1070 | rBV4 | 1010057 | 1938574 | 35.01% | 2.065% |
| 51 | 8.416 | 1074 | 1076 | 1079 | rVB3 | 745570  | 580723  | 10.49% | 0.619% |
| 52 | 8.451 | 1079 | 1082 | 1085 | rVB3 | 1057374 | 1034705 | 18.68% | 1.102% |
| 53 | 8.498 | 1085 | 1090 | 1091 | rBV  | 2375885 | 2369257 | 42.78% | 2.524% |
| 54 | 8.534 | 1094 | 1096 | 1099 | rVB2 | 770085  | 766348  | 13.84% | 0.816% |
| 55 | 8.575 | 1100 | 1103 | 1106 | rBV2 | 961831  | 816383  | 14.74% | 0.870% |
| 56 | 8.610 | 1106 | 1109 | 1111 | rBV3 | 710786  | 823399  | 14.87% | 0.877% |
| 57 | 8.634 | 1111 | 1113 | 1115 | rVB  | 387372  | 248939  | 4.50%  | 0.265% |
| 58 | 8.663 | 1115 | 1118 | 1121 | rBV2 | 629686  | 886843  | 16.01% | 0.945% |
| 59 | 8.763 | 1133 | 1135 | 1137 | rVB2 | 1243484 | 969808  | 17.51% | 1.033% |
| 60 | 8.786 | 1137 | 1139 | 1141 | rVB2 | 497311  | 306319  | 5.53%  | 0.326% |
| 61 | 8.822 | 1142 | 1145 | 1147 | rBV3 | 430852  | 466026  | 8.42%  | 0.496% |
| 62 | 8.951 | 1165 | 1167 | 1170 | rBV4 | 651402  | 670858  | 12.11% | 0.715% |
| 63 | 9.022 | 1176 | 1179 | 1180 | rBV2 | 486330  | 477358  | 8.62%  | 0.508% |
| 64 | 9.104 | 1189 | 1193 | 1196 | rVB2 | 2535892 | 2632371 | 47.54% | 2.804% |
| 65 | 9.151 | 1198 | 1201 | 1203 | rVB  | 1630459 | 1287321 | 23.25% | 1.371% |
| 66 | 9.228 | 1211 | 1214 | 1220 | rBV5 | 1430557 | 2240802 | 40.46% | 2.387% |
| 67 | 9.281 | 1220 | 1223 | 1224 | rVV3 | 660260  | 797434  | 14.40% | 0.849% |
| 68 | 9.304 | 1225 | 1227 | 1231 | rVV3 | 1133673 | 1279979 | 23.11% | 1.363% |
| 69 | 9.351 | 1233 | 1235 | 1238 | rVB  | 569752  | 461657  | 8.34%  | 0.492% |
| 70 | 9.498 | 1257 | 1260 | 1262 | rBV  | 1181329 | 1397524 | 25.24% | 1.489% |
| 71 | 9.545 | 1266 | 1268 | 1269 | rVV2 | 1295121 | 1188476 | 21.46% | 1.266% |
| 72 | 9.563 | 1269 | 1271 | 1273 | rVB  | 3161311 | 2371109 | 42.82% | 2.525% |
| 73 | 9.586 | 1273 | 1275 | 1277 | rVB2 | 864273  | 614654  | 11.10% | 0.655% |
| 74 | 9.616 | 1277 | 1280 | 1284 | rBV3 | 1061006 | 1055941 | 19.07% | 1.125% |
| 75 | 9.698 | 1291 | 1294 | 1299 | rBV4 | 938260  | 1505109 | 27.18% | 1.603% |
| 76 | 9.745 | 1299 | 1302 | 1305 | rVB3 | 1030505 | 1022455 | 18.46% | 1.089% |

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Instrument :  
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 ClientSampleId :  
 MW-1

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-BF122023.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|     |        |      |      |      |      |         |         |         |        |
|-----|--------|------|------|------|------|---------|---------|---------|--------|
| 77  | 9.816  | 1310 | 1314 | 1316 | rBV4 | 1026100 | 1585171 | 28.63%  | 1.688% |
| 78  | 9.945  | 1333 | 1336 | 1340 | rVB2 | 1238066 | 1499847 | 27.08%  | 1.598% |
| 79  | 10.045 | 1348 | 1353 | 1357 | rVB2 | 1251451 | 2135139 | 38.56%  | 2.274% |
| 80  | 10.086 | 1357 | 1360 | 1364 | rBV3 | 1459334 | 1857113 | 33.54%  | 1.978% |
| 81  | 10.163 | 1369 | 1373 | 1375 | rBV2 | 1389054 | 1752027 | 31.64%  | 1.866% |
| 82  | 10.192 | 1376 | 1378 | 1379 | rBV  | 580306  | 350429  | 6.33%   | 0.373% |
| 83  | 10.251 | 1384 | 1388 | 1390 | rBV3 | 979454  | 1297465 | 23.43%  | 1.382% |
| 84  | 10.498 | 1427 | 1430 | 1434 | rVB  | 2748062 | 3015895 | 54.46%  | 3.212% |
| 85  | 10.539 | 1435 | 1437 | 1439 | rBV3 | 532298  | 450406  | 8.13%   | 0.480% |
| 86  | 10.639 | 1451 | 1454 | 1457 | rBV3 | 750054  | 886491  | 16.01%  | 0.944% |
| 87  | 10.769 | 1471 | 1476 | 1482 | rVB2 | 3746072 | 5537699 | 100.00% | 5.898% |
| 88  | 10.975 | 1509 | 1511 | 1514 | rVB3 | 1053552 | 965969  | 17.44%  | 1.029% |
| 89  | 11.233 | 1551 | 1555 | 1560 | rVB  | 3034397 | 3909367 | 70.60%  | 4.164% |
| 90  | 11.339 | 1570 | 1573 | 1575 | rBV  | 667728  | 639272  | 11.54%  | 0.681% |
| 91  | 11.575 | 1610 | 1613 | 1624 | rVB6 | 1326337 | 2182672 | 39.41%  | 2.325% |
| 92  | 11.839 | 1656 | 1658 | 1661 | rBV  | 479360  | 576667  | 10.41%  | 0.614% |
| 93  | 11.869 | 1661 | 1663 | 1667 | rVB2 | 909655  | 869113  | 15.69%  | 0.926% |
| 94  | 12.316 | 1736 | 1739 | 1742 | rVB2 | 662299  | 748876  | 13.52%  | 0.798% |
| 95  | 12.392 | 1750 | 1752 | 1755 | rVB  | 727737  | 714696  | 12.91%  | 0.761% |
| 96  | 12.839 | 1825 | 1828 | 1831 | rVB  | 679668  | 671836  | 12.13%  | 0.716% |
| 97  | 12.922 | 1839 | 1842 | 1845 | rVB  | 1463847 | 1389741 | 25.10%  | 1.480% |
| 98  | 13.974 | 2018 | 2021 | 2028 | rVB  | 437412  | 408005  | 7.37%   | 0.435% |
| 99  | 14.816 | 2161 | 2164 | 2171 | rVB2 | 180416  | 230726  | 4.17%   | 0.246% |
| 100 | 15.457 | 2268 | 2273 | 2286 | rVB  | 307431  | 403078  | 7.28%   | 0.429% |

Sum of corrected areas: 93886950



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Sample : P1038-01  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

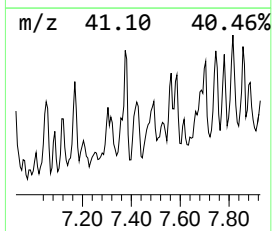
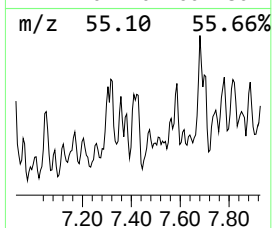
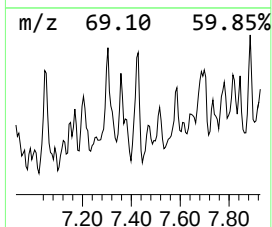
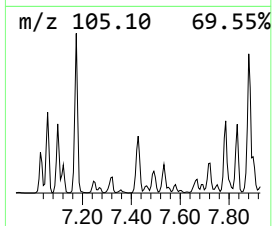
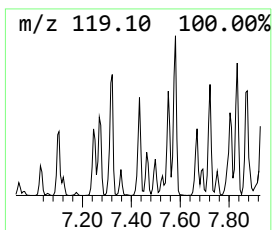
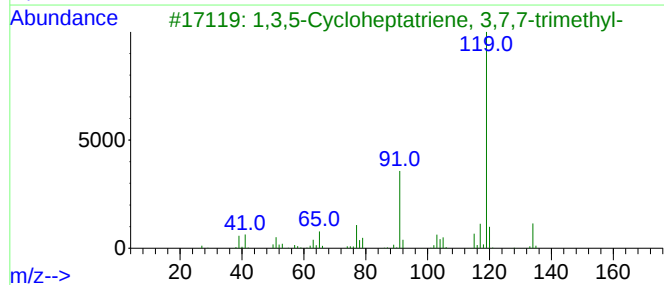
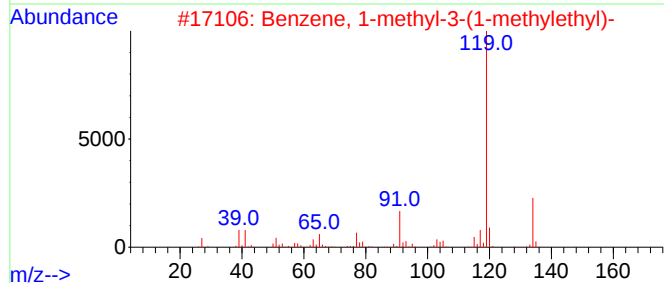
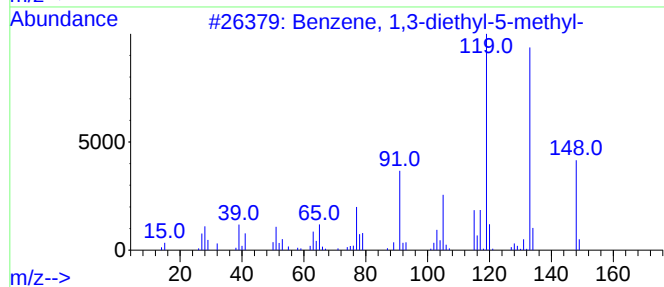
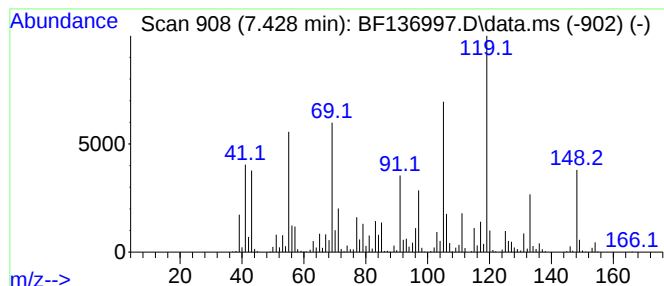
Instrument :  
BNA\_F  
ClientSampleId :  
MW-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF122023.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 1 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 7

| R.T.      | EstConc                             | Area    | Relative to ISTD | R.T.        |      |
|-----------|-------------------------------------|---------|------------------|-------------|------|
| 7.428     | 50.74 ng                            | 1126510 | Naphthalene-d8   | 8.069       |      |
| Hit# of 5 | Tentative ID                        | MW      | MolForm          | CAS#        | Qual |
| 1         | Benzene, 1,3-diethyl-5-methyl-      | 148     | C11H16           | 002050-24-0 | 58   |
| 2         | Benzene, 1-methyl-3-(1-methyleth... | 134     | C10H14           | 000535-77-3 | 55   |
| 3         | 1,3,5-Cycloheptatriene, 3,7,7-tr... | 134     | C10H14           | 003479-89-8 | 55   |
| 4         | p-Cymene                            | 134     | C10H14           | 000099-87-6 | 55   |
| 5         | o-Cymene                            | 134     | C10H14           | 000527-84-4 | 55   |



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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF122023.M  
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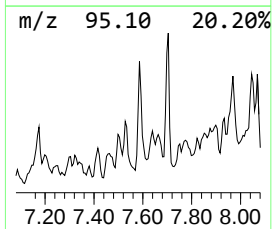
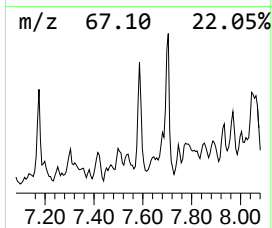
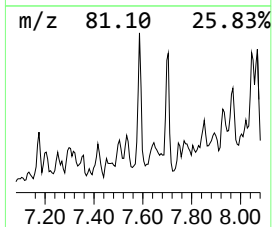
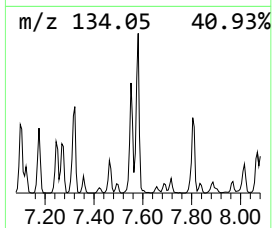
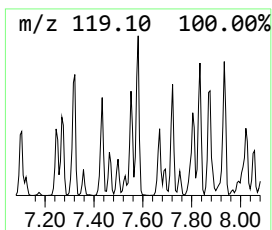
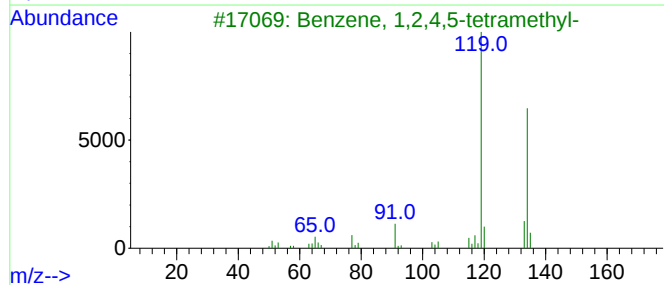
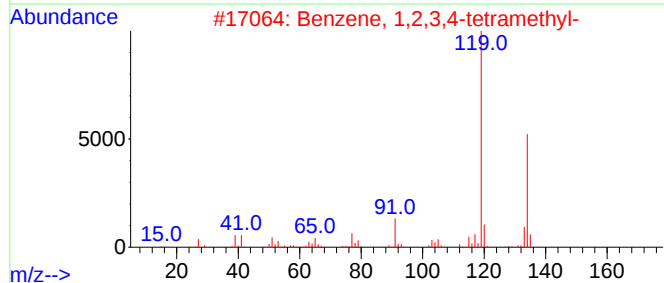
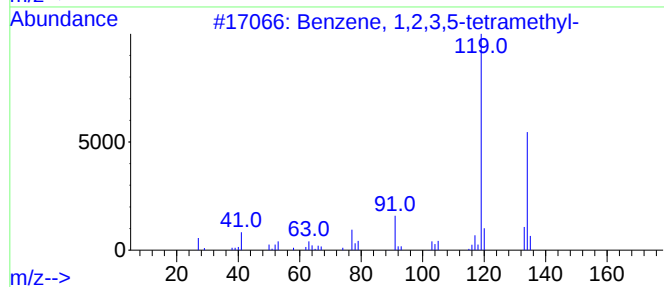
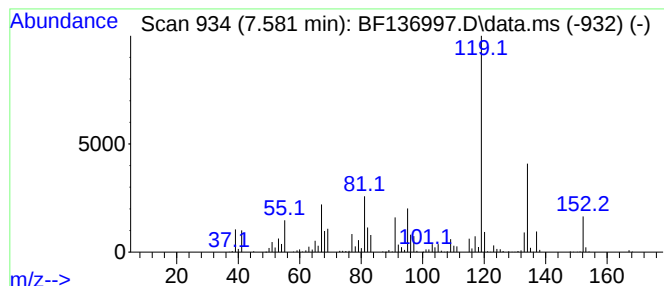
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 2 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 10

| R.T.  | EstConc  | Area   | Relative to ISTD | R.T.  |
|-------|----------|--------|------------------|-------|
| 7.581 | 42.87 ng | 951846 | Naphthalene-d8   | 8.069 |

| Hit# | of | 5 | Tentative ID                   | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1,2,3,5-tetramethyl-  | 134 | C10H14  | 000527-53-7 | 86   |
| 2    |    |   | Benzene, 1,2,3,4-tetramethyl-  | 134 | C10H14  | 000488-23-3 | 86   |
| 3    |    |   | Benzene, 1,2,4,5-tetramethyl-  | 134 | C10H14  | 000095-93-2 | 70   |
| 4    |    |   | o-Cymene                       | 134 | C10H14  | 000527-84-4 | 64   |
| 5    |    |   | Benzene, 1-ethyl-2,4-dimethyl- | 134 | C10H14  | 000874-41-9 | 64   |



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Sample : P1038-01  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
MW-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF122023.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

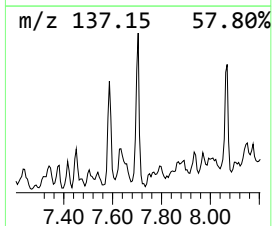
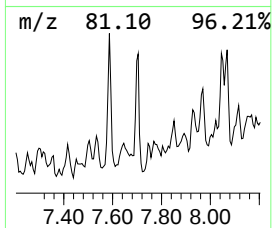
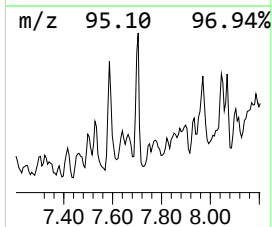
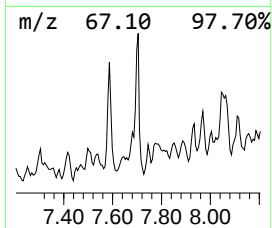
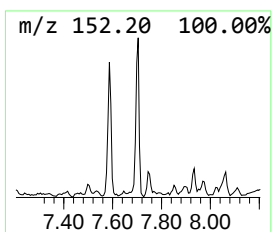
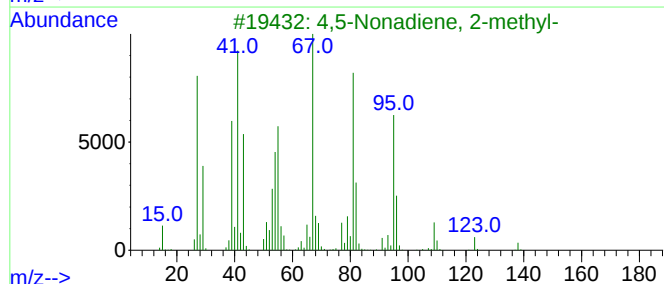
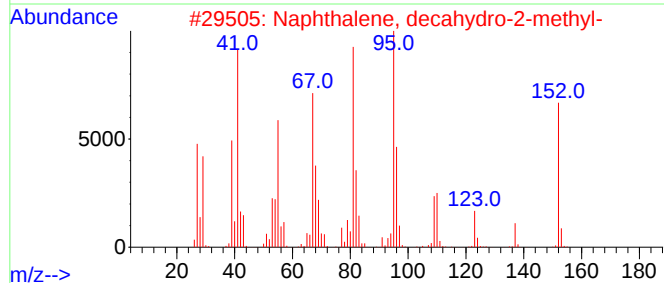
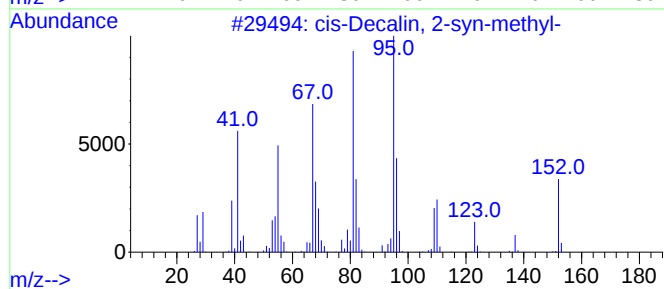
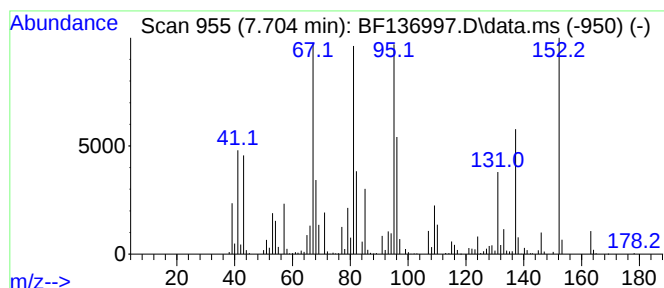
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Peak Number 3 cis-Decalin, 2-syn-methyl- Concentration Rank 13

| R.T.  | EstConc  | Area   | Relative to ISTD | R.T.  |
|-------|----------|--------|------------------|-------|
| 7.704 | 38.94 ng | 864421 | Naphthalene-d8   | 8.069 |

| Hit# | of | 5 | Tentative ID                     | MW  | MolForm | CAS#         | Qual |
|------|----|---|----------------------------------|-----|---------|--------------|------|
| 1    |    |   | cis-Decalin, 2-syn-methyl-       | 152 | C11H20  | 1000155-85-6 | 87   |
| 2    |    |   | Naphthalene, decahydro-2-methyl- | 152 | C11H20  | 002958-76-1  | 64   |
| 3    |    |   | 4,5-Nonadiene, 2-methyl-         | 138 | C10H18  | 055956-32-6  | 64   |
| 4    |    |   | (+)-2-Bornanone                  | 152 | C10H16O | 000464-49-3  | 53   |
| 5    |    |   | Cyclohexene, 1-pentyl-           | 152 | C11H20  | 015232-85-6  | 49   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF010824\  
Data File : BF136997.D  
Acq On : 08 Jan 2024 14:47  
Operator : CG\JU  
Sample : P1038-01  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
MW-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF122023.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

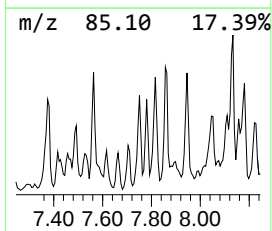
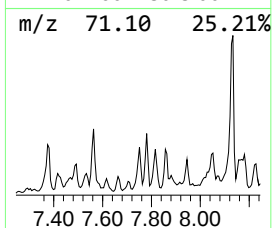
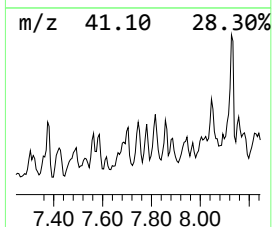
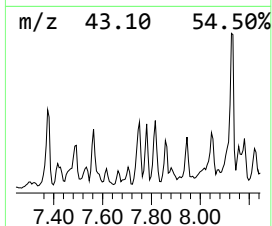
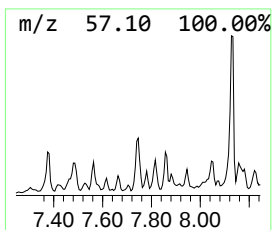
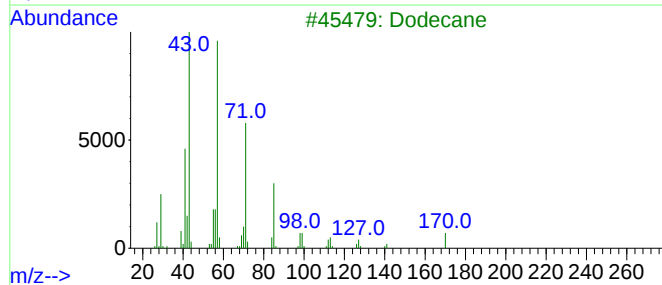
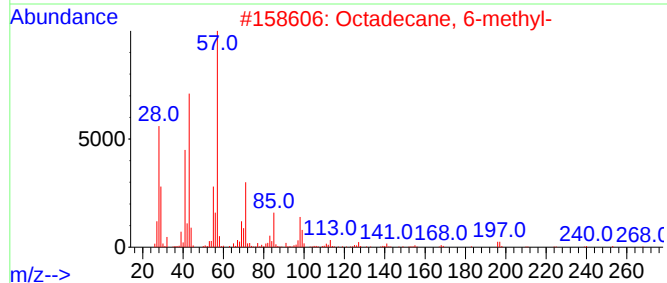
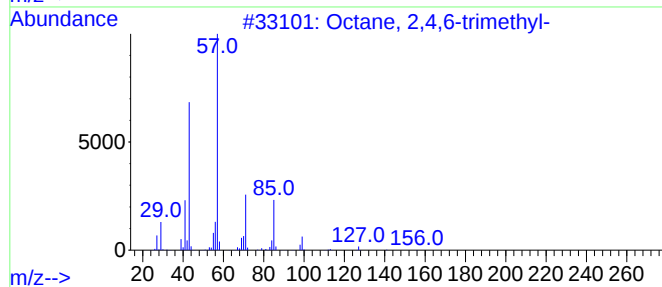
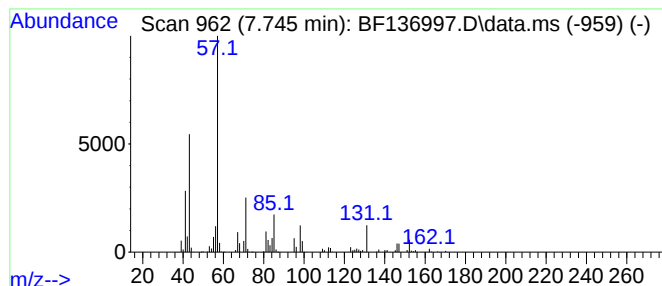
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TIC Integration Parameters: LSCINT.P

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Peak Number 4 unknown7.745 Concentration Rank 12

| R.T.  | EstConc  | Area   | Relative to ISTD | R.T.  |
|-------|----------|--------|------------------|-------|
| 7.745 | 39.55 ng | 877959 | Naphthalene-d8   | 8.069 |

| Hit# | of | 5 | Tentative ID             | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------------------|-----|---------|-------------|------|
| 1    |    |   | Octane, 2,4,6-trimethyl- | 156 | C11H24  | 062016-37-9 | 47   |
| 2    |    |   | Octadecane, 6-methyl-    | 268 | C19H40  | 010544-96-4 | 43   |
| 3    |    |   | Dodecane                 | 170 | C12H26  | 000112-40-3 | 38   |
| 4    |    |   | Nonadecane               | 268 | C19H40  | 000629-92-5 | 38   |
| 5    |    |   | Hexadecane               | 226 | C16H34  | 000544-76-3 | 38   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF010824\  
Data File : BF136997.D  
Acq On : 08 Jan 2024 14:47  
Operator : CG\JU  
Sample : P1038-01  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
MW-1

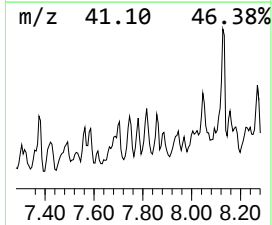
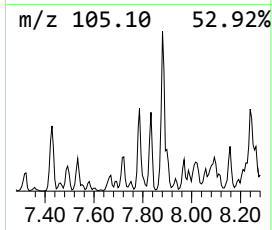
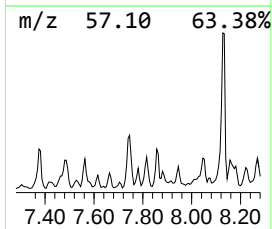
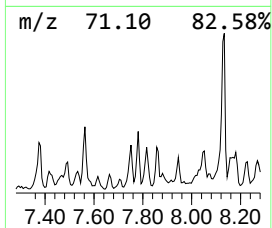
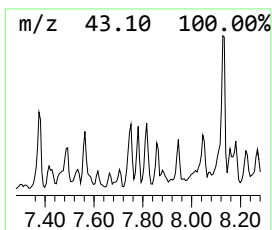
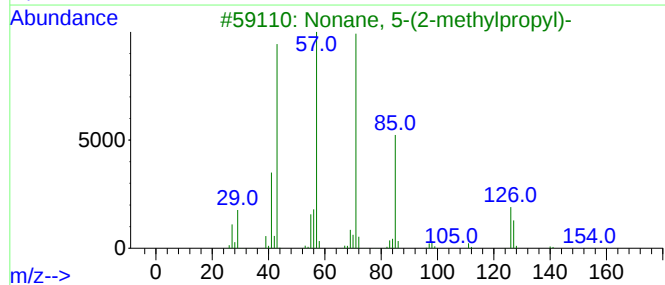
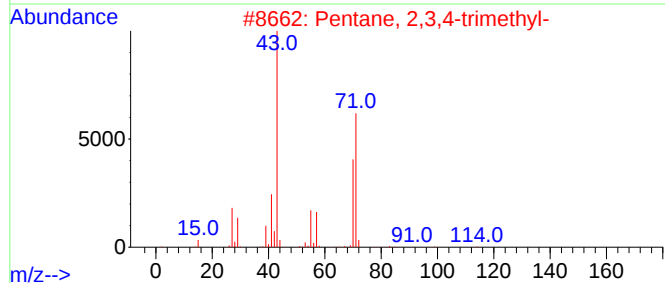
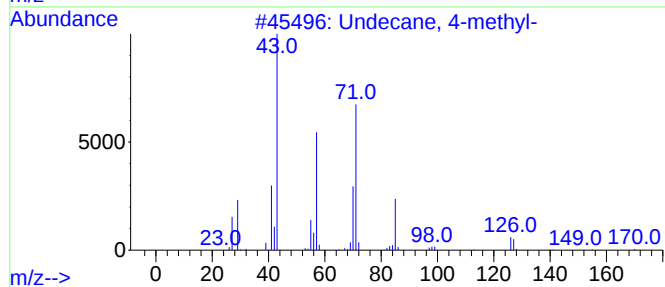
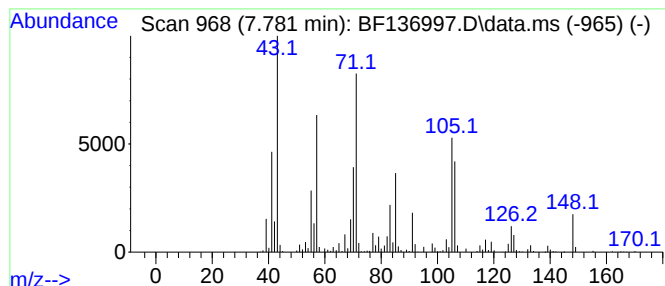
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 5 unknown7.781 Concentration Rank 14

| R.T.  | EstConc  | Area   | Relative to ISTD | R.T.  |
|-------|----------|--------|------------------|-------|
| 7.781 | 38.15 ng | 846888 | Naphthalene-d8   | 8.069 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | Undecane, 4-methyl-                 | 170 | C12H26    | 002980-69-0  | 46   |
| 2    |    |   | Pentane, 2,3,4-trimethyl-           | 114 | C8H18     | 000565-75-3  | 43   |
| 3    |    |   | Nonane, 5-(2-methylpropyl)-         | 184 | C13H28    | 062185-53-9  | 43   |
| 4    |    |   | Sulfurous acid, nonyl 2-propyl e... | 250 | C12H26O3S | 1000309-12-0 | 43   |
| 5    |    |   | n-Amyl ether                        | 158 | C10H22O   | 000693-65-2  | 38   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF010824\  
Data File : BF136997.D  
Acq On : 08 Jan 2024 14:47  
Operator : CG\JU  
Sample : P1038-01  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
MW-1

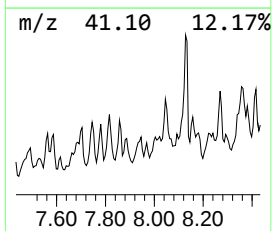
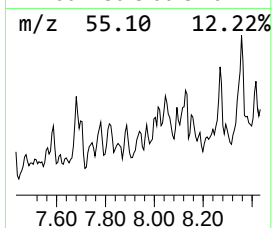
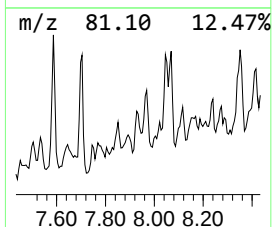
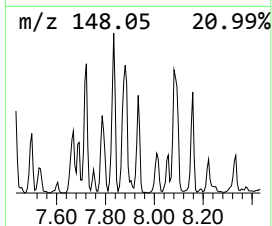
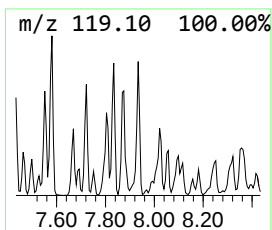
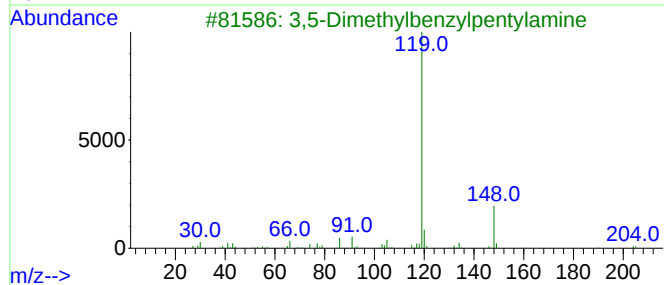
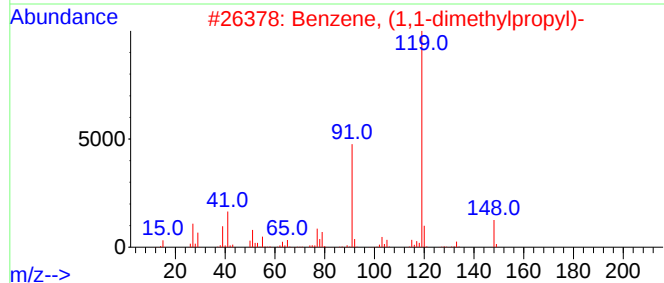
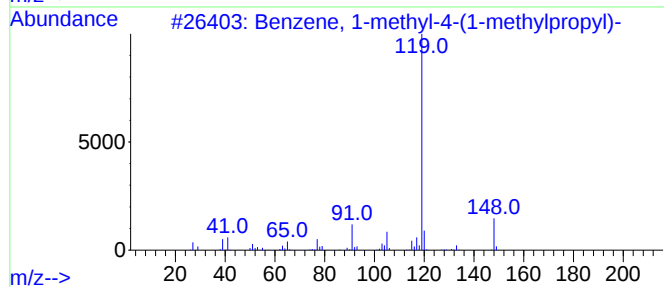
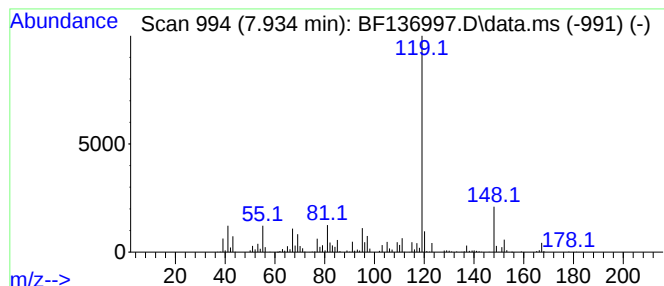
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 6 Benzene, 1-methyl-4-(1-meth... Concentration Rank 20

| R.T.      | EstConc                             | Area   | Relative to ISTD | R.T.         |      |
|-----------|-------------------------------------|--------|------------------|--------------|------|
| 7.934     | 31.91 ng                            | 708445 | Naphthalene-d8   | 8.069        |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm          | CAS#         | Qual |
| 1         | Benzene, 1-methyl-4-(1-methylpro... | 148    | C11H16           | 001595-16-0  | 64   |
| 2         | Benzene, (1,1-dimethylpropyl)-      | 148    | C11H16           | 002049-95-8  | 59   |
| 3         | 3,5-Dimethylbenzylpentylamine       | 205    | C14H23N          | 1000491-60-8 | 59   |
| 4         | 1,3,5-Cycloheptatriene, 3,7,7-tr... | 134    | C10H14           | 003479-89-8  | 47   |
| 5         | Benzene, 1-ethyl-2,4-dimethyl-      | 134    | C10H14           | 000874-41-9  | 47   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF010824\  
Data File : BF136997.D  
Acq On : 08 Jan 2024 14:47  
Operator : CG\JU  
Sample : P1038-01  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
MW-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF122023.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

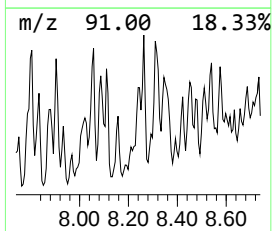
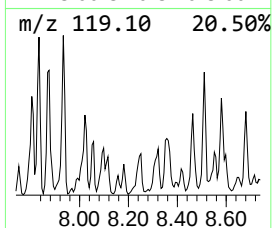
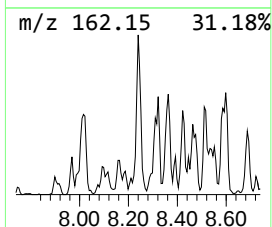
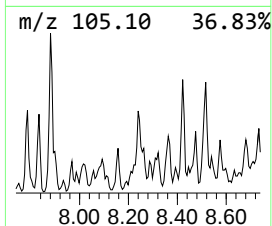
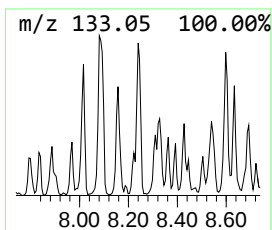
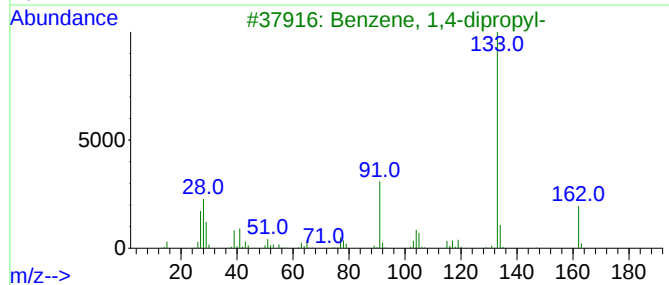
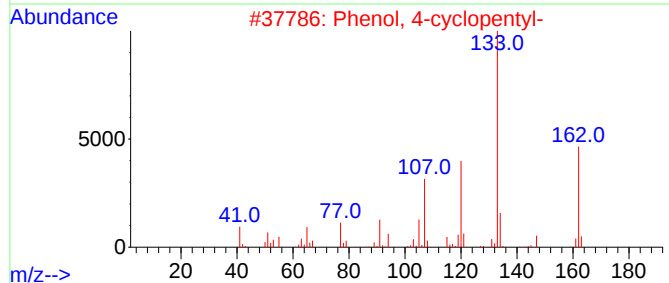
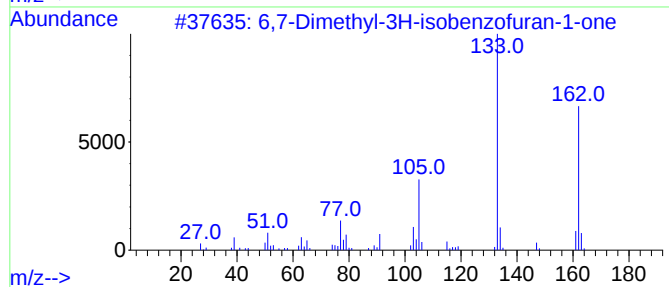
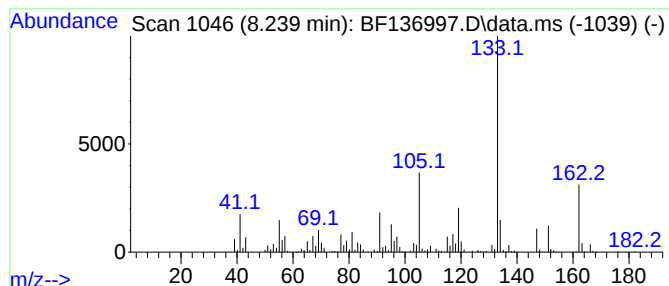
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Peak Number 7 6,7-Dimethyl-3H-isobenzofur... Concentration Rank 6

| R.T.  | EstConc  | Area    | Relative to ISTD | R.T.  |
|-------|----------|---------|------------------|-------|
| 8.239 | 66.82 ng | 1483460 | Naphthalene-d8   | 8.069 |

| Hit# | of 5                                | Tentative ID | MW       | MolForm     | CAS# | Qual |
|------|-------------------------------------|--------------|----------|-------------|------|------|
| 1    | 6,7-Dimethyl-3H-isobenzofuran-1-one | 162          | C10H10O2 | 343852-50-6 | 53   |      |
| 2    | Phenol, 4-cyclopentyl-              | 162          | C11H14O  | 001518-83-8 | 52   |      |
| 3    | Benzene, 1,4-dipropyl-              | 162          | C12H18   | 004815-57-0 | 50   |      |
| 4    | Benzene, 1-ethyl-2,4,5-trimethyl-   | 148          | C11H16   | 017851-27-3 | 50   |      |
| 5    | Benzene, 1-ethyl-4-(1-methylethyl)- | 148          | C11H16   | 004218-48-8 | 50   |      |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF010824\  
Data File : BF136997.D  
Acq On : 08 Jan 2024 14:47  
Operator : CG\JU  
Sample : P1038-01  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
MW-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF122023.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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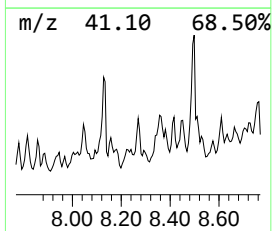
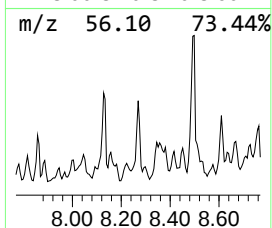
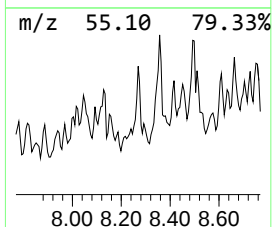
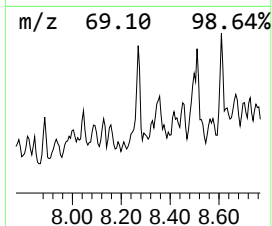
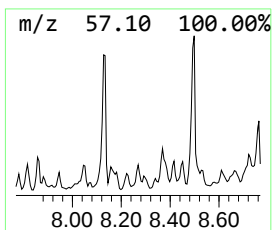
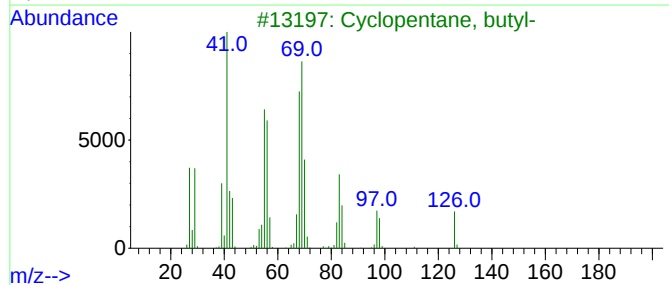
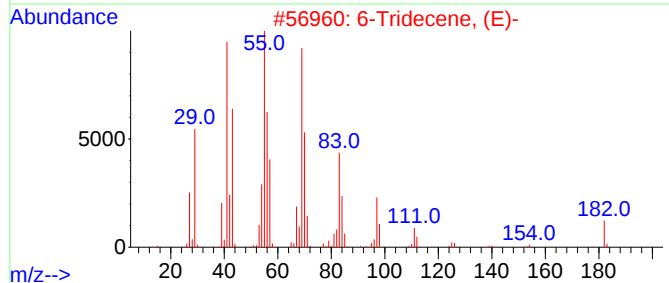
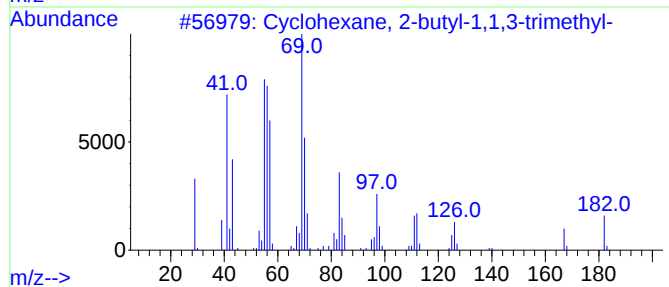
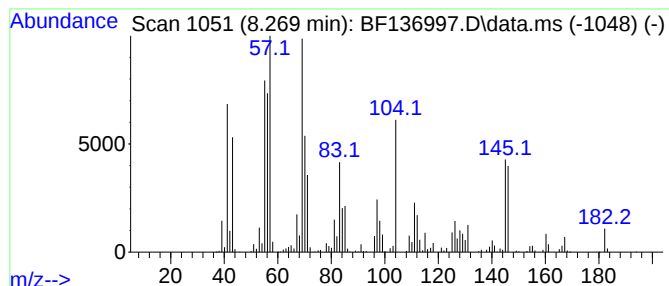
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Peak Number 8 Cyclohexane, 2-butyl-1,1,3-... Concentration Rank 8

| R.T.  | EstConc  | Area    | Relative to ISTD | R.T.  |
|-------|----------|---------|------------------|-------|
| 8.269 | 47.59 ng | 1056440 | Naphthalene-d8   | 8.069 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Cyclohexane, 2-butyl-1,1,3-trime... | 182 | C13H26  | 054676-39-0 | 91   |
| 2    |    |   | 6-Tridecene, (E)-                   | 182 | C13H26  | 006434-76-0 | 60   |
| 3    |    |   | Cyclopentane, butyl-                | 126 | C9H18   | 002040-95-1 | 60   |
| 4    |    |   | 6-Tridecene, (Z)-                   | 182 | C13H26  | 006508-77-6 | 53   |
| 5    |    |   | 3-Tridecene, (E)-                   | 182 | C13H26  | 041446-57-5 | 53   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF010824\  
Data File : BF136997.D  
Acq On : 08 Jan 2024 14:47  
Operator : CG\JU  
Sample : P1038-01  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
MW-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF122023.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

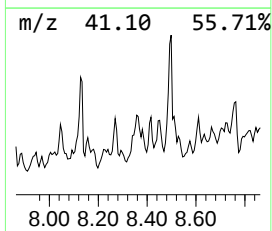
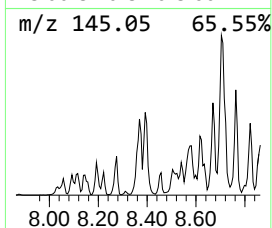
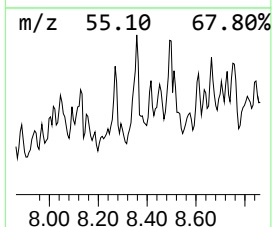
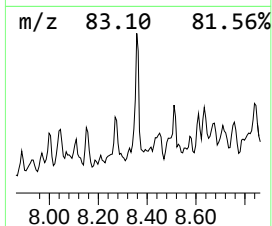
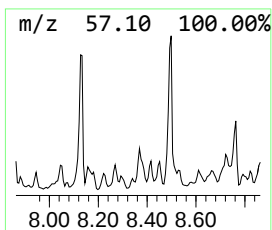
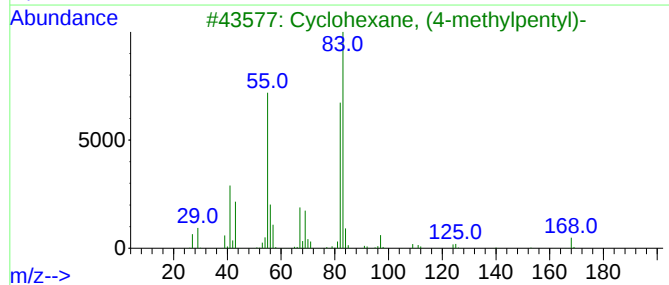
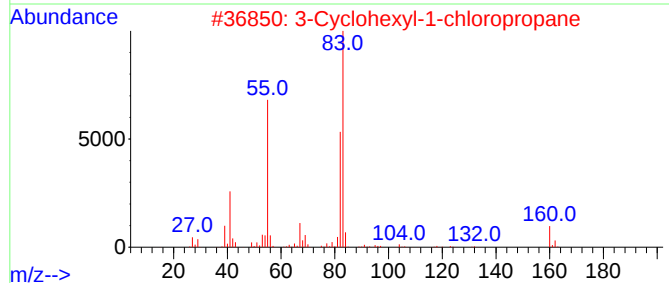
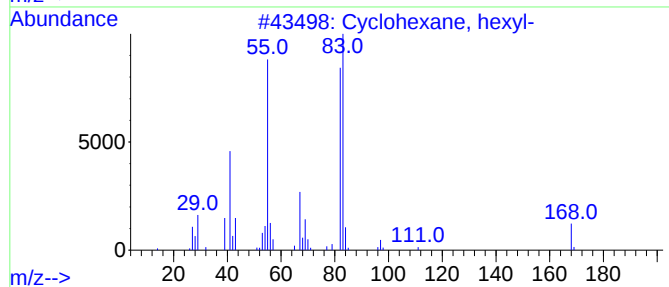
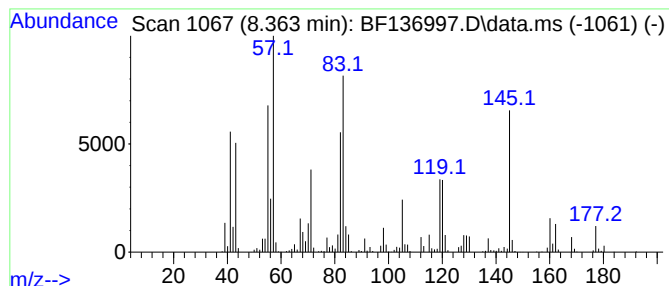
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TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 9 unknown8.363 Concentration Rank 4

| R.T.  | EstConc  | Area    | Relative to ISTD | R.T.  |
|-------|----------|---------|------------------|-------|
| 8.363 | 87.32 ng | 1938570 | Naphthalene-d8   | 8.069 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm    | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|------------|--------------|------|
| 1    |    |   | Cyclohexane, hexyl-                 | 168 | C12H24     | 004292-75-5  | 42   |
| 2    |    |   | 3-Cyclohexyl-1-chloropropane        | 160 | C9H17Cl    | 001124-62-5  | 41   |
| 3    |    |   | Cyclohexane, (4-methylpentyl)-      | 168 | C12H24     | 061142-20-9  | 30   |
| 4    |    |   | Cyclohexane, butyl-                 | 140 | C10H20     | 001678-93-9  | 27   |
| 5    |    |   | Carbonic acid, isobutyl 6-chloro... | 236 | C11H21ClO3 | 1000331-40-3 | 27   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF010824\  
Data File : BF136997.D  
Acq On : 08 Jan 2024 14:47  
Operator : CG\JU  
Sample : P1038-01  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
MW-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF122023.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

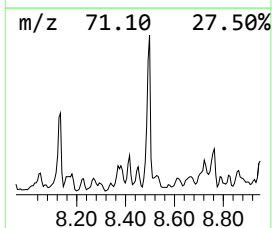
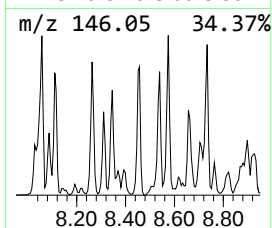
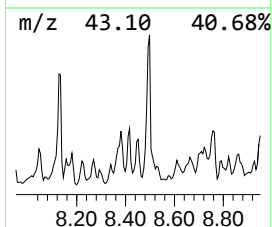
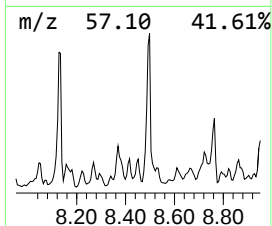
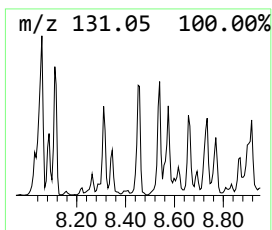
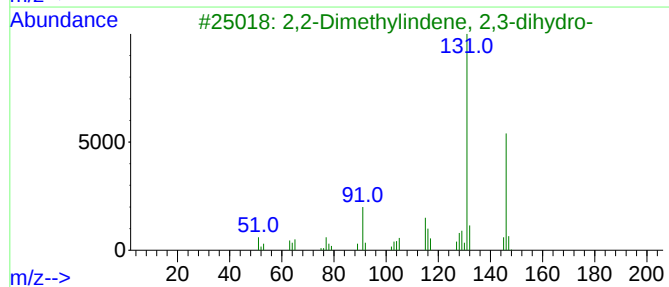
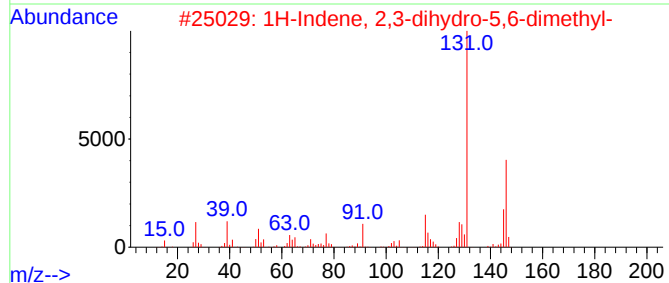
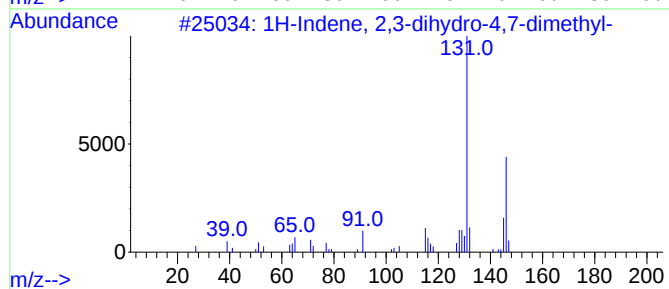
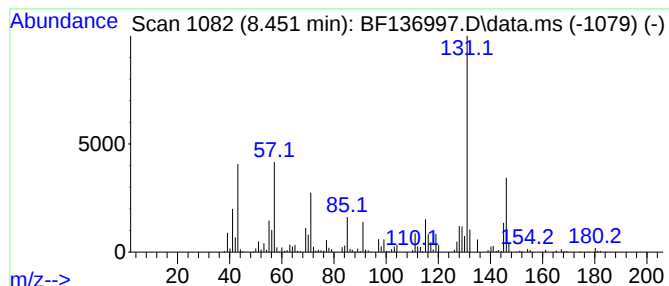
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TIC Integration Parameters: LSCINT.P

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Peak Number 10 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 9

| R.T.  | EstConc  | Area    | Relative to ISTD | R.T.  |
|-------|----------|---------|------------------|-------|
| 8.451 | 46.61 ng | 1034710 | Naphthalene-d8   | 8.069 |

| Hit# | of 5                                | Tentative ID | MW     | MolForm     | CAS# | Qual |
|------|-------------------------------------|--------------|--------|-------------|------|------|
| 1    | 1H-Indene, 2,3-dihydro-4,7-dimet... | 146          | C11H14 | 006682-71-9 | 96   |      |
| 2    | 1H-Indene, 2,3-dihydro-5,6-dimet... | 146          | C11H14 | 001075-22-5 | 95   |      |
| 3    | 2,2-Dimethylindene, 2,3-dihydro-    | 146          | C11H14 | 020836-11-7 | 89   |      |
| 4    | 1H-Indene, 2,3-dihydro-1,3-dimet... | 146          | C11H14 | 004175-53-5 | 81   |      |
| 5    | Naphthalene, 1,2,3,4-tetrahydro-... | 146          | C11H14 | 001559-81-5 | 76   |      |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF010824\  
Data File : BF136997.D  
Acq On : 08 Jan 2024 14:47  
Operator : CG\JU  
Sample : P1038-01  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
MW-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF122023.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

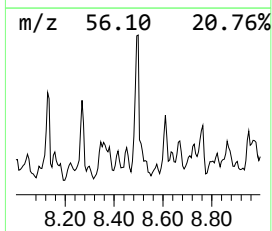
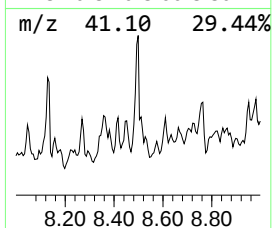
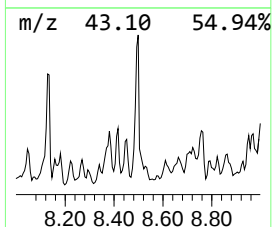
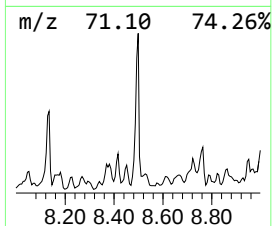
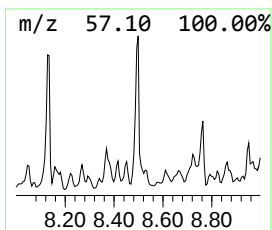
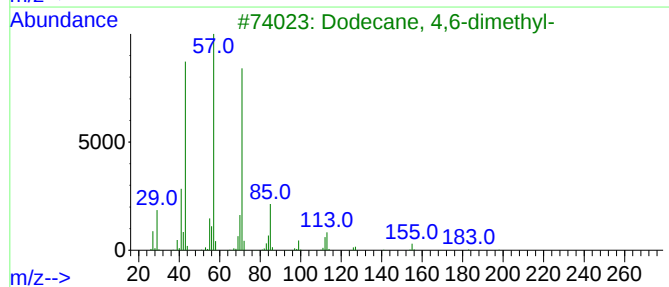
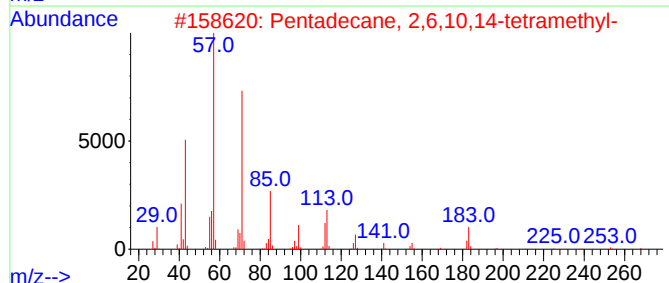
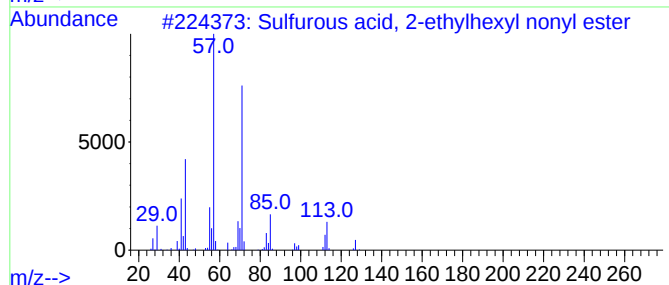
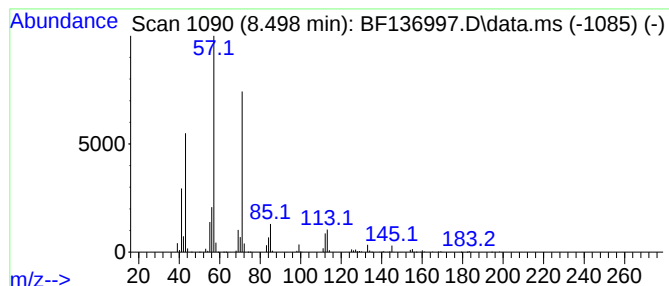
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 11 Sulfurous acid, 2-ethylhexy... Concentration Rank 3

| R.T.  | EstConc   | Area    | Relative to ISTD | R.T.  |
|-------|-----------|---------|------------------|-------|
| 8.498 | 106.72 ng | 2369260 | Naphthalene-d8   | 8.069 |

| Hit# | of 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|------|-------------------------------------|-----|-----------|--------------|------|
| 1    |      | Sulfurous acid, 2-ethylhexyl non... | 320 | C17H36O3S | 1010309-19-2 | 80   |
| 2    |      | Pentadecane, 2,6,10,14-tetramethyl- | 268 | C19H40    | 001921-70-6  | 72   |
| 3    |      | Dodecane, 4,6-dimethyl-             | 198 | C14H30    | 061141-72-8  | 72   |
| 4    |      | Tridecane, 5-propyl-                | 226 | C16H34    | 055045-11-9  | 64   |
| 5    |      | Undecane, 6,6-dimethyl-             | 184 | C13H28    | 017312-76-4  | 64   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF010824\  
Data File : BF136997.D  
Acq On : 08 Jan 2024 14:47  
Operator : CG\JU  
Sample : P1038-01  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
MW-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF122023.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

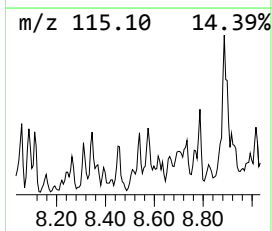
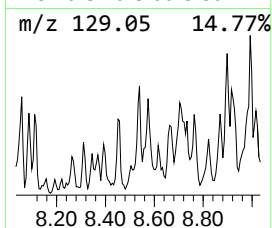
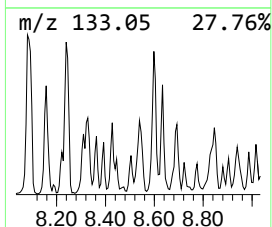
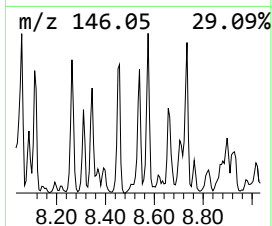
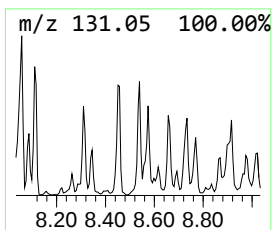
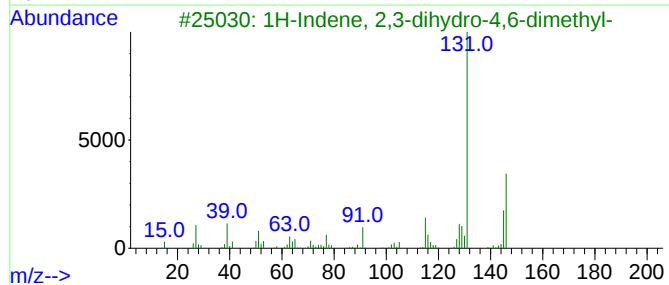
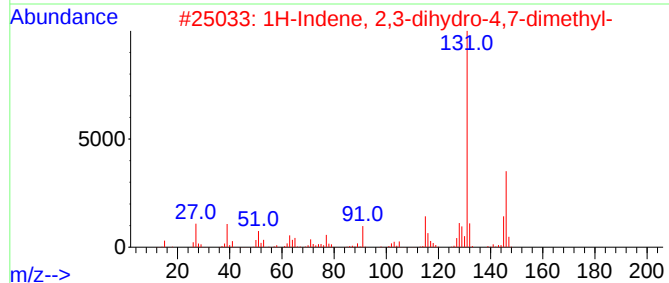
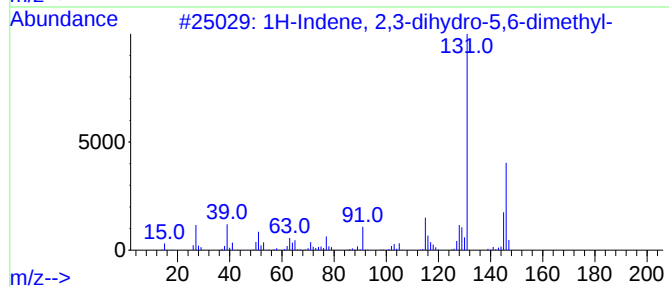
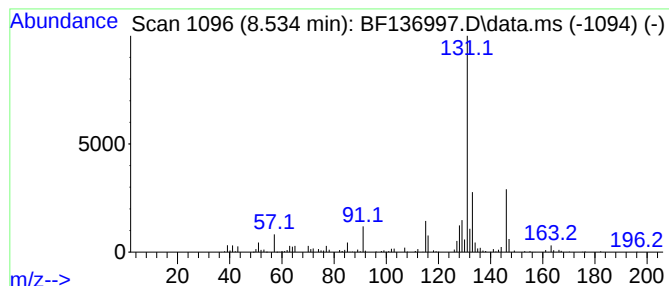
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Peak Number 12 1H-Indene, 2,3-dihydro-5,6-... Concentration Rank 18

| R.T.  | EstConc  | Area   | Relative to ISTD | R.T.  |
|-------|----------|--------|------------------|-------|
| 8.534 | 34.52 ng | 766348 | Naphthalene-d8   | 8.069 |

| Hit# | of 5                                | Tentative ID | MW     | MolForm     | CAS# | Qual |
|------|-------------------------------------|--------------|--------|-------------|------|------|
| 1    | 1H-Indene, 2,3-dihydro-5,6-dimet... | 146          | C11H14 | 001075-22-5 | 93   |      |
| 2    | 1H-Indene, 2,3-dihydro-4,7-dimet... | 146          | C11H14 | 006682-71-9 | 93   |      |
| 3    | 1H-Indene, 2,3-dihydro-4,6-dimet... | 146          | C11H14 | 001685-82-1 | 93   |      |
| 4    | 1H-Indene, 2,3-dihydro-1,3-dimet... | 146          | C11H14 | 004175-53-5 | 87   |      |
| 5    | 1H-Indene, 2,3-dihydro-1,2-dimet... | 146          | C11H14 | 017057-82-8 | 87   |      |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF010824\  
Data File : BF136997.D  
Acq On : 08 Jan 2024 14:47  
Operator : CG\JU  
Sample : P1038-01  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
MW-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF122023.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

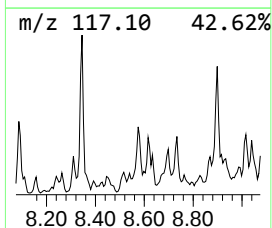
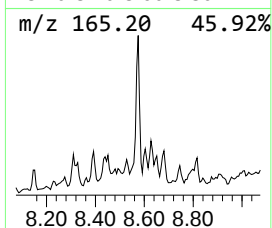
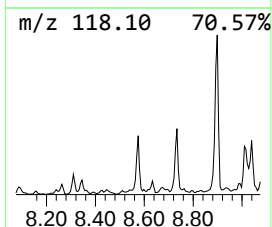
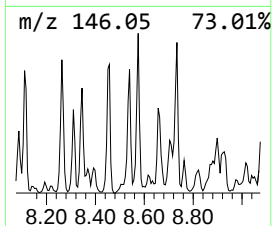
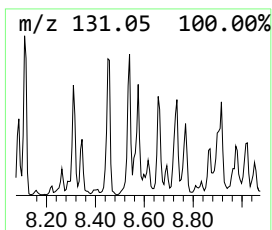
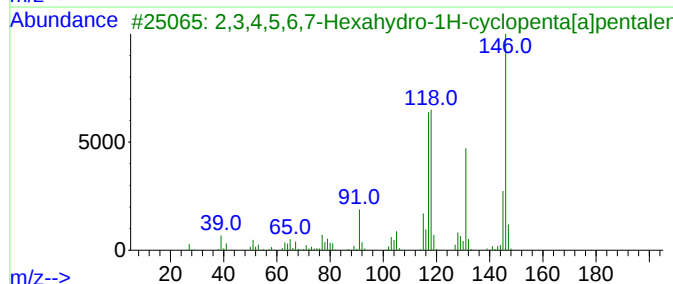
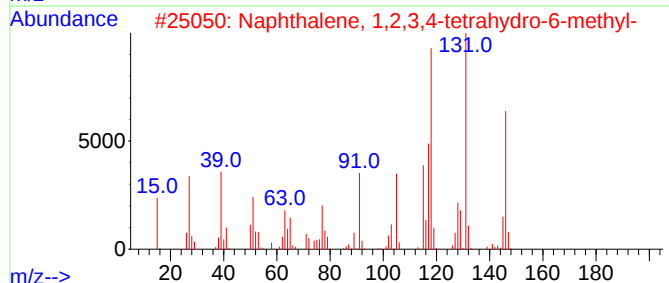
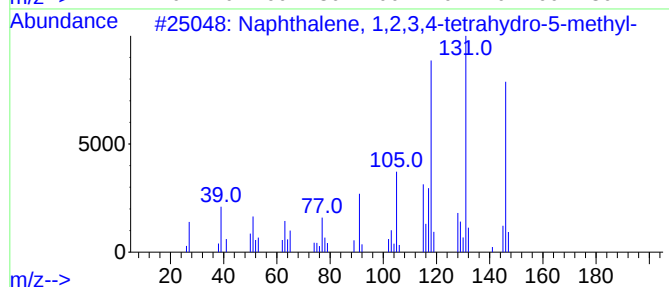
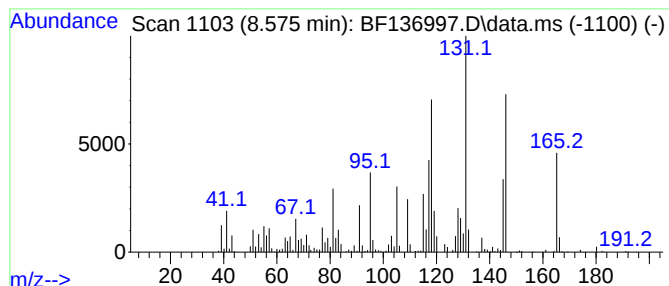
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Peak Number 13 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 17

| R.T.  | EstConc  | Area   | Relative to ISTD | R.T.  |
|-------|----------|--------|------------------|-------|
| 8.575 | 36.77 ng | 816383 | Naphthalene-d8   | 8.069 |

| Hit# | of 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|------|-------------------------------------|-----|----------|--------------|------|
| 1    |      | Naphthalene, 1,2,3,4-tetrahydro-... | 146 | C11H14   | 002809-64-5  | 92   |
| 2    |      | Naphthalene, 1,2,3,4-tetrahydro-... | 146 | C11H14   | 001680-51-9  | 92   |
| 3    |      | 2,3,4,5,6,7-Hexahydro-1H-cyclope... | 146 | C11H14   | 1010189-31-0 | 60   |
| 4    |      | 1H-1,3,2-Benzodiazaborole, 2-eth... | 146 | C8H11BN2 | 074663-81-3  | 49   |
| 5    |      | Benzene, (1,2-dimethyl-1-propenyl)- | 146 | C11H14   | 000769-57-3  | 42   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF010824\  
Data File : BF136997.D  
Acq On : 08 Jan 2024 14:47  
Operator : CG\JU  
Sample : P1038-01  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
MW-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF122023.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

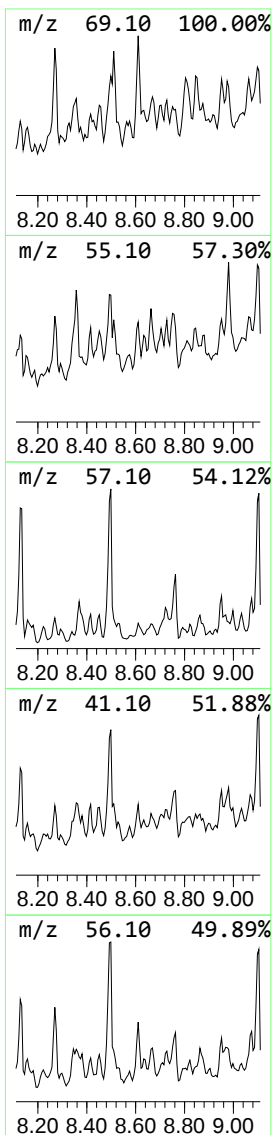
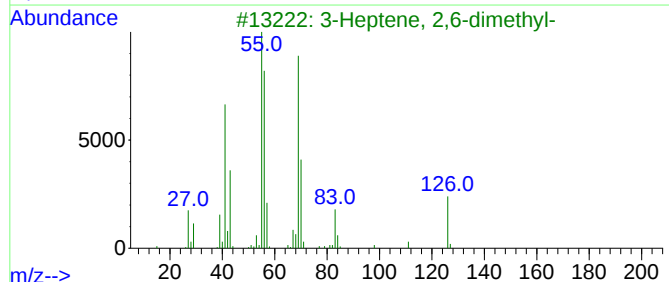
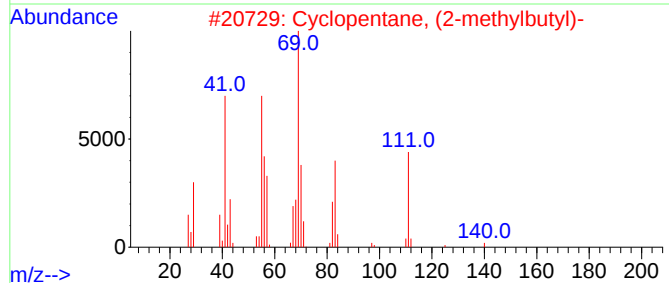
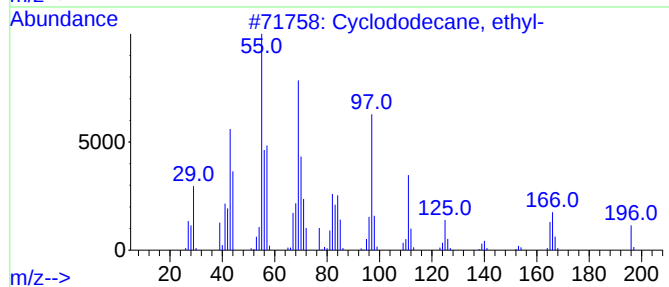
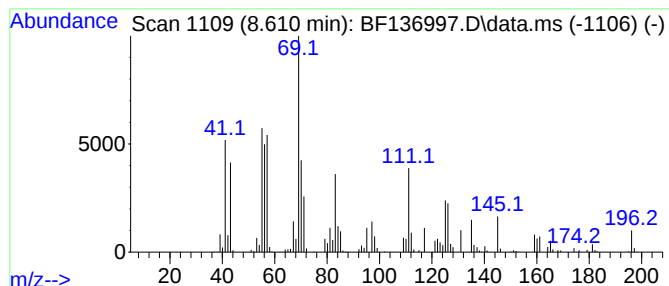
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 14 Cyclohexadecane, ethyl- Concentration Rank 16

| R.T.  | EstConc  | Area   | Relative to ISTD | R.T.  |
|-------|----------|--------|------------------|-------|
| 8.610 | 37.09 ng | 823399 | Naphthalene-d8   | 8.069 |

| Hit# | of 5 | Tentative ID                   | MW  | MolForm | CAS#        | Qual |
|------|------|--------------------------------|-----|---------|-------------|------|
| 1    |      | Cyclododecane, ethyl-          | 196 | C14H28  | 028981-49-9 | 64   |
| 2    |      | Cyclopentane, (2-methylbutyl)- | 140 | C10H20  | 053366-38-4 | 58   |
| 3    |      | 3-Heptene, 2,6-dimethyl-       | 126 | C9H18   | 002738-18-3 | 58   |
| 4    |      | Cyclopentane, propyl-          | 112 | C8H16   | 002040-96-2 | 46   |
| 5    |      | 1-Hexene, 3,3-dimethyl-        | 112 | C8H16   | 003404-77-1 | 45   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF010824\  
Data File : BF136997.D  
Acq On : 08 Jan 2024 14:47  
Operator : CG\JU  
Sample : P1038-01  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
MW-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF122023.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

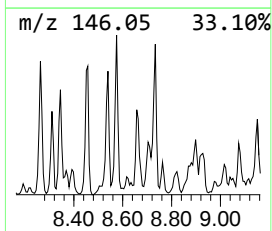
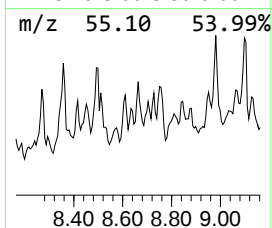
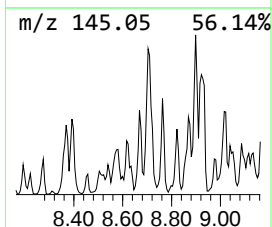
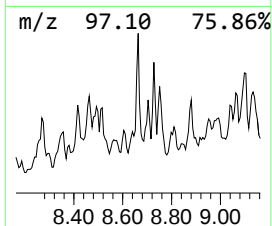
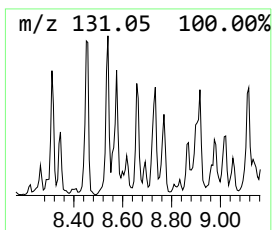
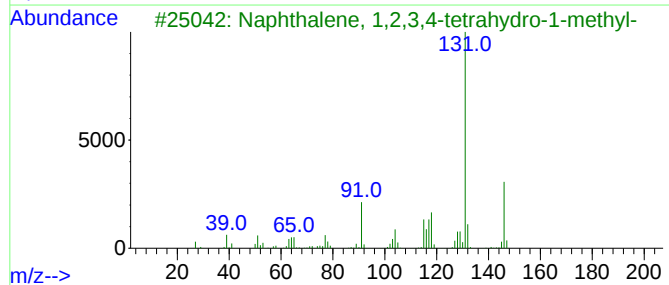
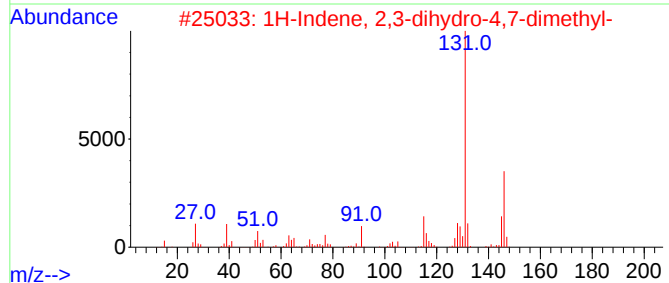
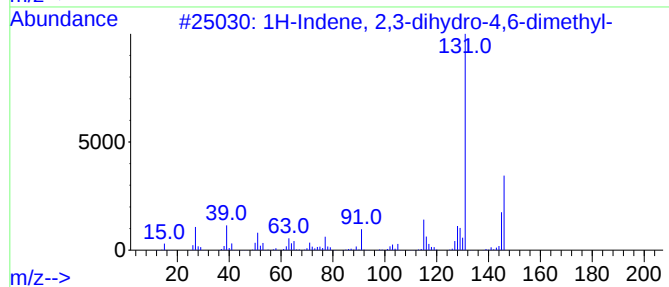
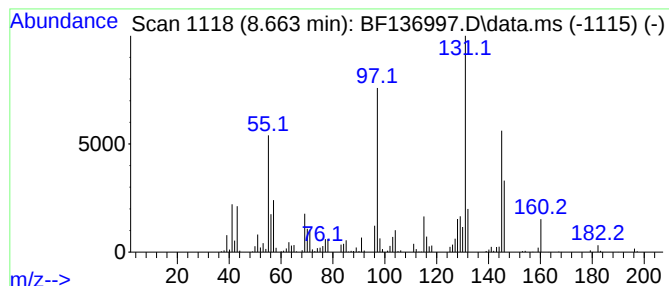
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Peak Number 15 unknown8.663 Concentration Rank 11

| R.T.  | EstConc  | Area   | Relative to ISTD | R.T.  |
|-------|----------|--------|------------------|-------|
| 8.663 | 39.95 ng | 886843 | Naphthalene-d8   | 8.069 |

| Hit# | of 5                                | Tentative ID | MW     | MolForm | CAS#        | Qual |
|------|-------------------------------------|--------------|--------|---------|-------------|------|
| 1    | 1H-Indene, 2,3-dihydro-4,6-dimet... | 146          | C11H14 |         | 001685-82-1 | 46   |
| 2    | 1H-Indene, 2,3-dihydro-4,7-dimet... | 146          | C11H14 |         | 006682-71-9 | 43   |
| 3    | Naphthalene, 1,2,3,4-tetrahydro-... | 146          | C11H14 |         | 001559-81-5 | 43   |
| 4    | Benzene, (3-methyl-2-butenyl)-      | 146          | C11H14 |         | 004489-84-3 | 43   |
| 5    | 1H-Indene, 2,3-dihydro-1,3-dimet... | 146          | C11H14 |         | 004175-53-5 | 38   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF010824\  
Data File : BF136997.D  
Acq On : 08 Jan 2024 14:47  
Operator : CG\JU  
Sample : P1038-01  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
MW-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF122023.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

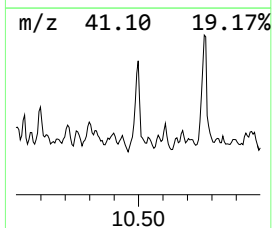
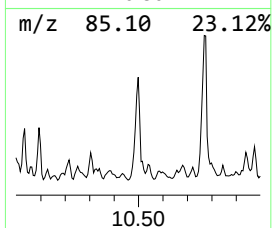
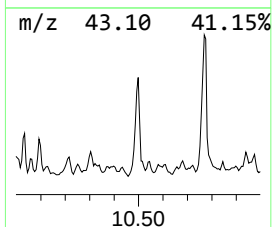
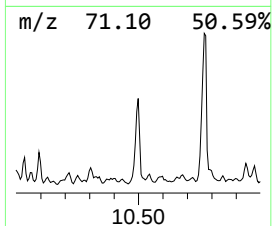
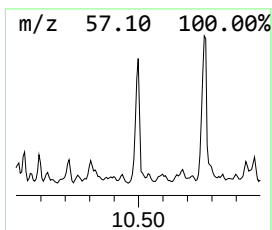
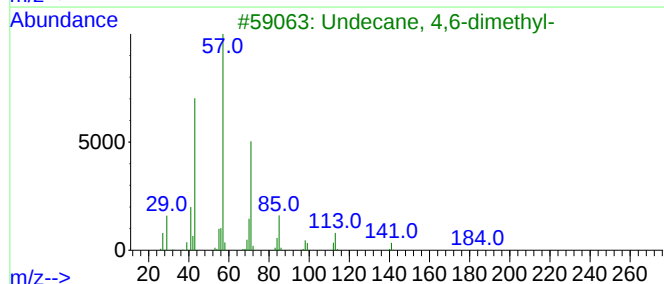
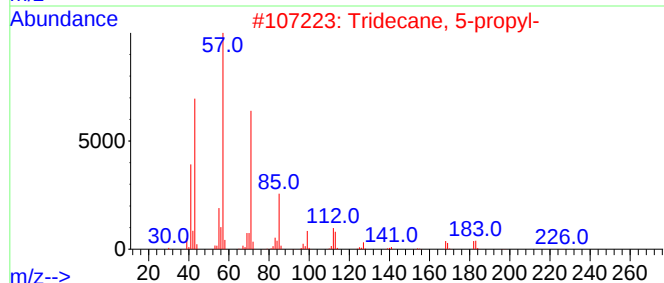
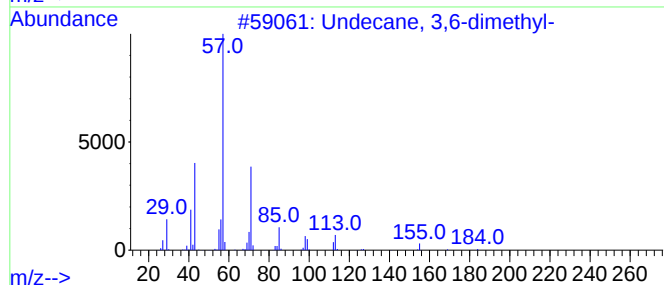
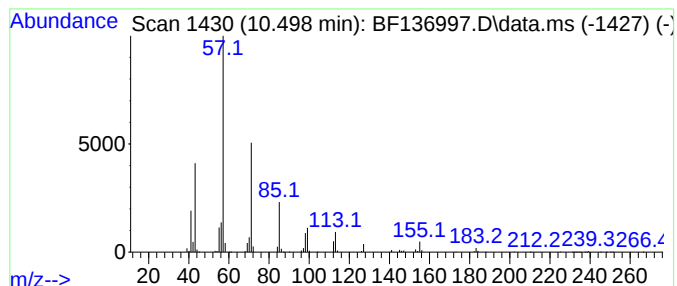
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 16 Undecane, 3,6-dimethyl- Concentration Rank 15

| R.T.   | EstConc  | Area    | Relative to ISTD | R.T.  |
|--------|----------|---------|------------------|-------|
| 10.498 | 38.05 ng | 3015900 | Acenaphthene-d10 | 9.833 |

| Hit# | of | 5 | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------------|-----|---------|-------------|------|
| 1    |    |   | Undecane, 3,6-dimethyl-     | 184 | C13H28  | 017301-28-9 | 93   |
| 2    |    |   | Tridecane, 5-propyl-        | 226 | C16H34  | 055045-11-9 | 72   |
| 3    |    |   | Undecane, 4,6-dimethyl-     | 184 | C13H28  | 017312-82-2 | 64   |
| 4    |    |   | Dodecane, 2,7,10-trimethyl- | 212 | C15H32  | 074645-98-0 | 64   |
| 5    |    |   | Undecane, 3,5-dimethyl-     | 184 | C13H28  | 017312-81-1 | 64   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF010824\  
Data File : BF136997.D  
Acq On : 08 Jan 2024 14:47  
Operator : CG\JU  
Sample : P1038-01  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
MW-1

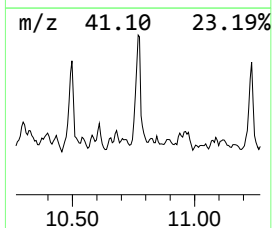
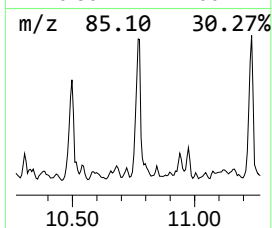
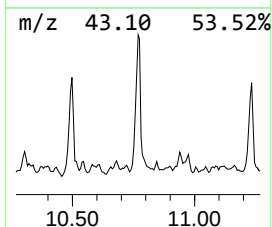
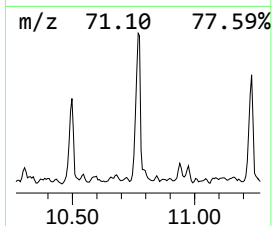
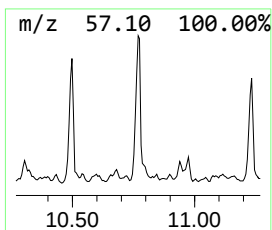
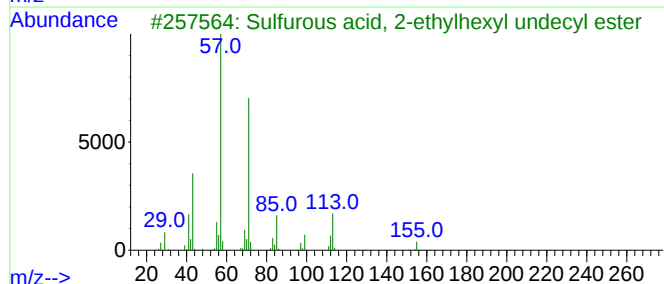
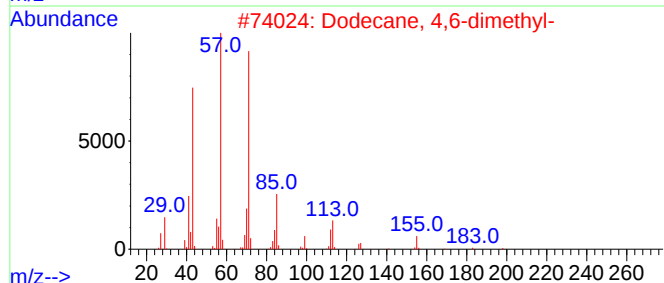
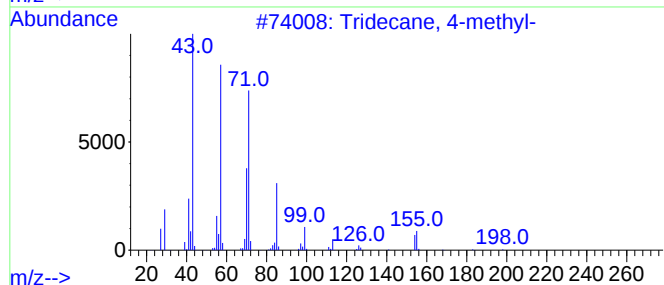
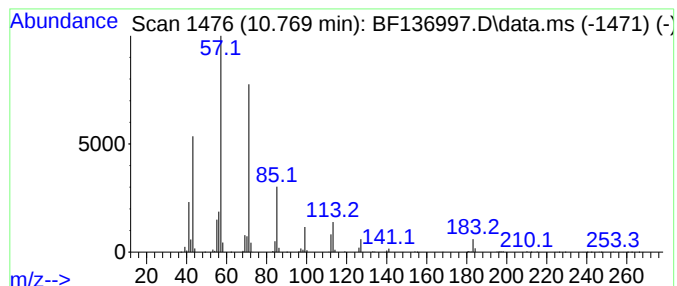
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 17 Tridecane, 4-methyl- Concentration Rank 1

| R.T.   | EstConc   | Area    | Relative to ISTD | R.T.   |
|--------|-----------|---------|------------------|--------|
| 10.769 | 173.25 ng | 5537700 | Phenanthrene-d10 | 11.339 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | Tridecane, 4-methyl-                | 198 | C14H30    | 026730-12-1  | 80   |
| 2    |    |   | Dodecane, 4,6-dimethyl-             | 198 | C14H30    | 061141-72-8  | 74   |
| 3    |    |   | Sulfurous acid, 2-ethylhexyl und... | 348 | C19H40O3S | 1000309-19-4 | 72   |
| 4    |    |   | Tridecane, 3-methyl-                | 198 | C14H30    | 006418-41-3  | 68   |
| 5    |    |   | Dodecane, 2,6,11-trimethyl-         | 212 | C15H32    | 031295-56-4  | 64   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF010824\  
Data File : BF136997.D  
Acq On : 08 Jan 2024 14:47  
Operator : CG\JU  
Sample : P1038-01  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
MW-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF122023.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

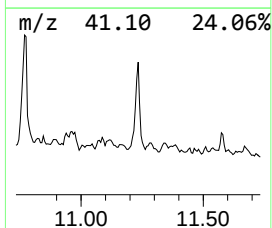
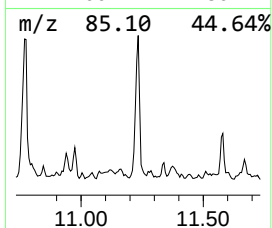
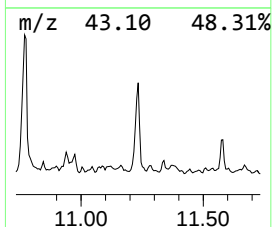
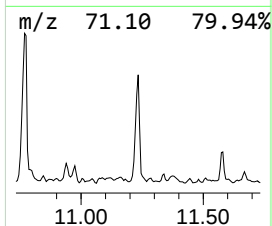
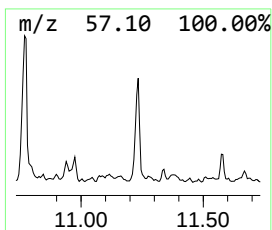
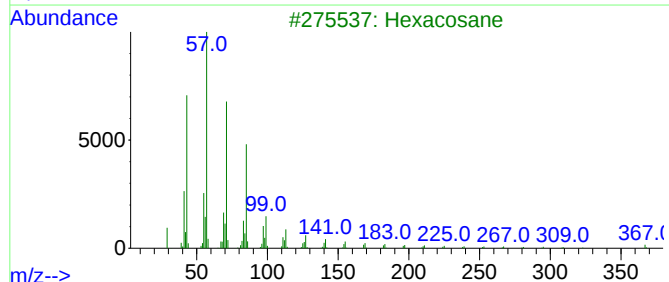
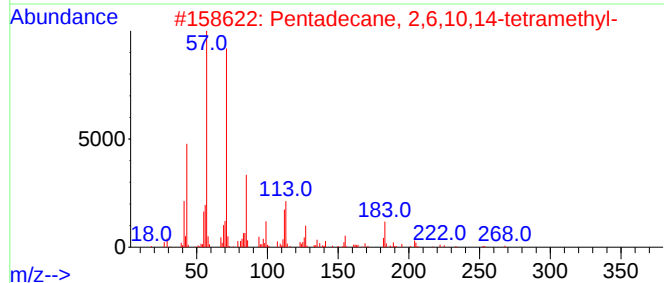
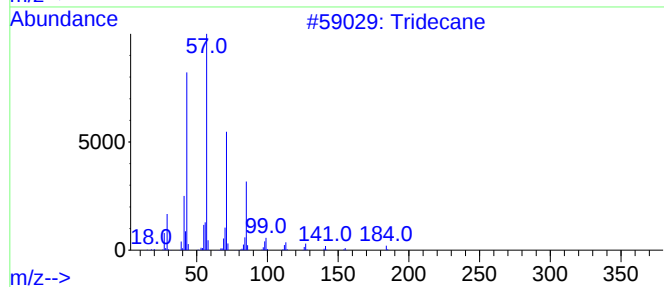
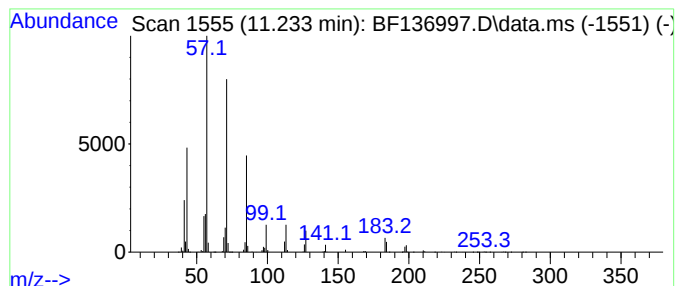
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TIC Integration Parameters: LSCINT.P

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Peak Number 18 Tridecane Concentration Rank 2

| R.T.   | EstConc   | Area    | Relative to ISTD | R.T.   |
|--------|-----------|---------|------------------|--------|
| 11.233 | 122.31 ng | 3909370 | Phenanthrene-d10 | 11.339 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | Tridecane                           | 184 | C13H28    | 000629-50-5  | 91   |
| 2    |    |   | Pentadecane, 2,6,10,14-tetramethyl- | 268 | C19H40    | 001921-70-6  | 83   |
| 3    |    |   | Hexacosane                          | 366 | C26H54    | 000630-01-3  | 78   |
| 4    |    |   | Sulfurous acid, 2-ethylhexyl hex... | 278 | C14H30O3S | 1000309-20-2 | 72   |
| 5    |    |   | Dodecane, 2,6,10-trimethyl-         | 212 | C15H32    | 003891-98-3  | 64   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF010824\  
Data File : BF136997.D  
Acq On : 08 Jan 2024 14:47  
Operator : CG\JU  
Sample : P1038-01  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
MW-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF122023.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

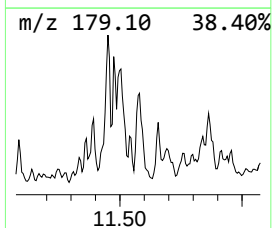
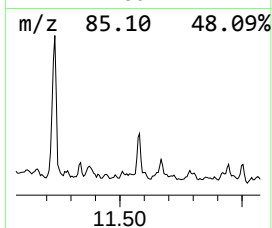
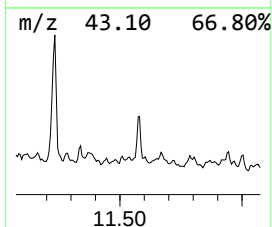
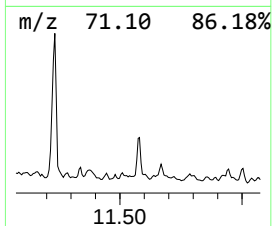
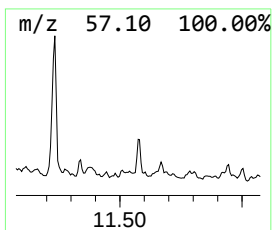
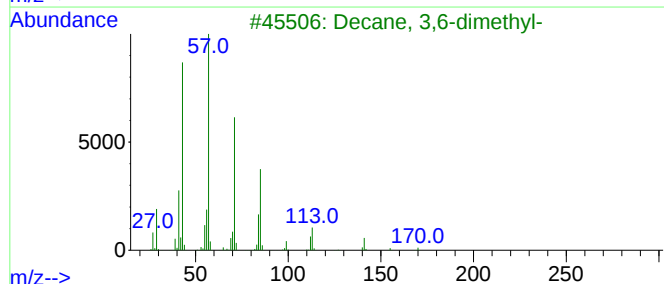
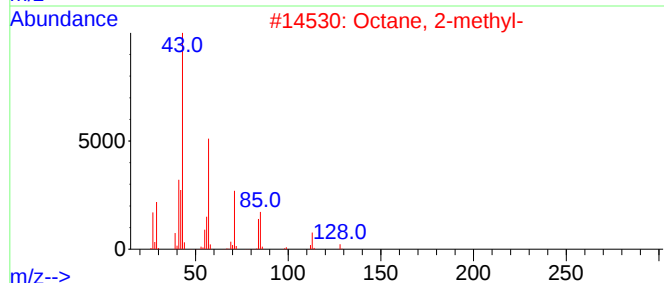
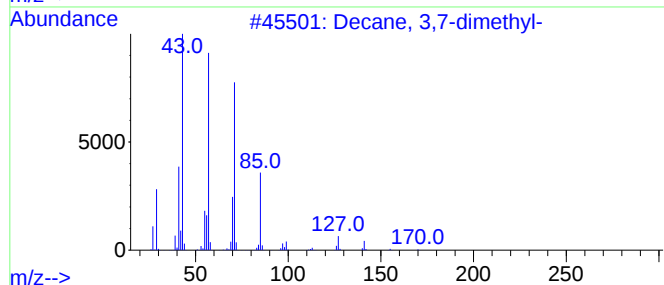
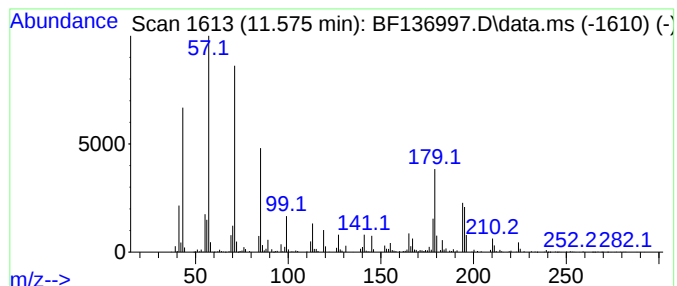
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 19 Decane, 3,7-dimethyl- Concentration Rank 5

| R.T.   | EstConc  | Area    | Relative to ISTD | R.T.   |
|--------|----------|---------|------------------|--------|
| 11.575 | 68.29 ng | 2182670 | Phenanthrene-d10 | 11.339 |

| Hit# | of 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|------|-------------------------------------|-----|-----------|--------------|------|
| 1    |      | Decane, 3,7-dimethyl-               | 170 | C12H26    | 017312-54-8  | 50   |
| 2    |      | Octane, 2-methyl-                   | 128 | C9H20     | 003221-61-2  | 45   |
| 3    |      | Decane, 3,6-dimethyl-               | 170 | C12H26    | 017312-53-7  | 45   |
| 4    |      | Sulfurous acid, pentadecyl 2-pro... | 334 | C18H38O3S | 1000309-12-6 | 43   |
| 5    |      | Hentriacontane                      | 437 | C31H64    | 000630-04-6  | 43   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF010824\  
Data File : BF136997.D  
Acq On : 08 Jan 2024 14:47  
Operator : CG\JU  
Sample : P1038-01  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
MW-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF122023.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

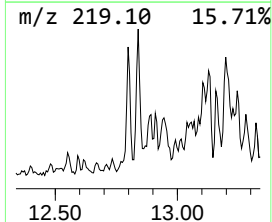
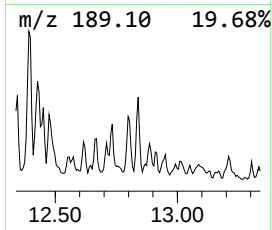
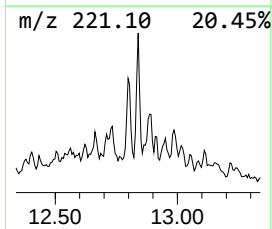
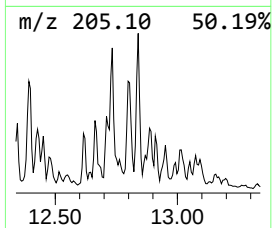
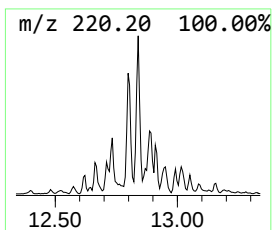
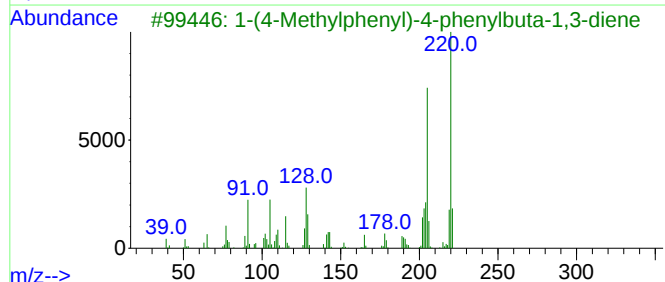
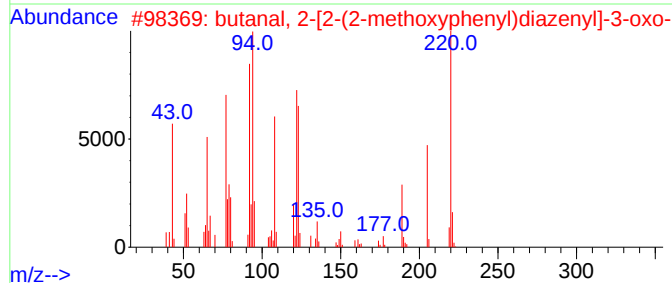
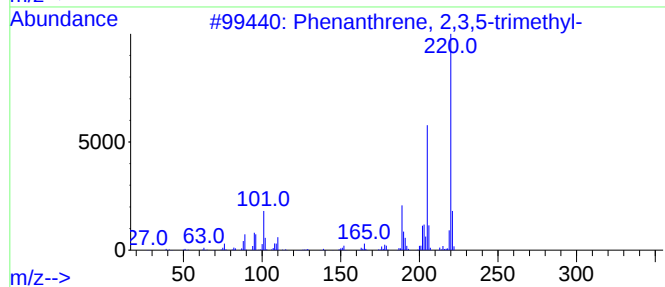
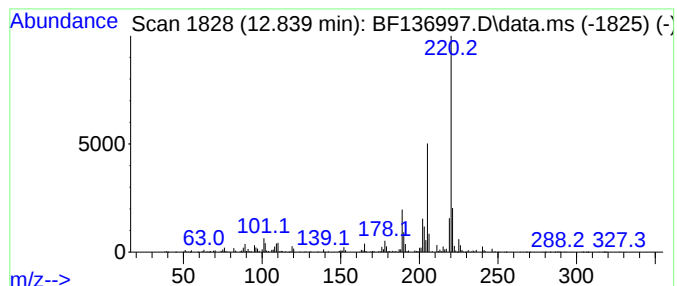
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 20 Phenanthrene, 2,3,5-trimethyl- Concentration Rank 19

| R.T.   | EstConc  | Area   | Relative to ISTD | R.T.   |
|--------|----------|--------|------------------|--------|
| 12.839 | 32.93 ng | 671836 | Chrysene-d12     | 13.974 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm    | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|------------|--------------|------|
| 1    |    |   | Phenanthrene, 2,3,5-trimethyl-      | 220 | C17H16     | 003674-73-5  | 91   |
| 2    |    |   | butanal, 2-[2-(2-methoxyphenyl)d... | 220 | C11H12N2O3 | 1000396-24-5 | 80   |
| 3    |    |   | 1-(4-Methylphenyl)-4-phenylbuta...  | 220 | C17H16     | 037985-11-8  | 72   |
| 4    |    |   | Benzo[b]dihdropyran, 6-hydroxy-...  | 220 | C14H20O2   | 050442-70-1  | 53   |
| 5    |    |   | Cyclopropanecarboxylic acid, 1-(... | 360 | C23H36O3   | 108546-71-0  | 53   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF010824\  
Data File : BF136997.D  
Acq On : 08 Jan 2024 14:47  
Operator : CG\JU  
Sample : P1038-01  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
MW-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF122023.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 |
| Benzene, 1,3-di... | 7.428  | 50.7    | ng    | 1126510  | 2                     | 8.069  | 444012  | 20.0 |
| Benzene, 1,2,3,... | 7.581  | 42.9    | ng    | 951846   | 2                     | 8.069  | 444012  | 20.0 |
| cis-Decalin, 2-... | 7.704  | 38.9    | ng    | 864421   | 2                     | 8.069  | 444012  | 20.0 |
| unknown7.745       | 7.745  | 39.5    | ng    | 877959   | 2                     | 8.069  | 444012  | 20.0 |
| unknown7.781       | 7.781  | 38.1    | ng    | 846888   | 2                     | 8.069  | 444012  | 20.0 |
| Benzene, 1-meth... | 7.934  | 31.9    | ng    | 708445   | 2                     | 8.069  | 444012  | 20.0 |
| 6,7-Dimethyl-3H... | 8.239  | 66.8    | ng    | 1483460  | 2                     | 8.069  | 444012  | 20.0 |
| Cyclohexane, 2-... | 8.269  | 47.6    | ng    | 1056440  | 2                     | 8.069  | 444012  | 20.0 |
| unknown8.363       | 8.363  | 87.3    | ng    | 1938570  | 2                     | 8.069  | 444012  | 20.0 |
| 1H-Indene, 2,3-... | 8.451  | 46.6    | ng    | 1034710  | 2                     | 8.069  | 444012  | 20.0 |
| Sulfurous acid,... | 8.498  | 106.7   | ng    | 2369260  | 2                     | 8.069  | 444012  | 20.0 |
| 1H-Indene, 2,3-... | 8.534  | 34.5    | ng    | 766348   | 2                     | 8.069  | 444012  | 20.0 |
| Naphthalene, 1,... | 8.575  | 36.8    | ng    | 816383   | 2                     | 8.069  | 444012  | 20.0 |
| Cyclododecane, ... | 8.610  | 37.1    | ng    | 823399   | 2                     | 8.069  | 444012  | 20.0 |
| unknown8.663       | 8.663  | 40.0    | ng    | 886843   | 2                     | 8.069  | 444012  | 20.0 |
| Undecane, 3,6-d... | 10.498 | 38.0    | ng    | 3015900  | 3                     | 9.833  | 1585170 | 20.0 |
| Tridecane, 4-me... | 10.769 | 173.3   | ng    | 5537700  | 4                     | 11.339 | 639272  | 20.0 |
| Tridecane          | 11.233 | 122.3   | ng    | 3909370  | 4                     | 11.339 | 639272  | 20.0 |
| Decane, 3,7-dim... | 11.575 | 68.3    | ng    | 2182670  | 4                     | 11.339 | 639272  | 20.0 |
| Phenanthrene, 2... | 12.839 | 32.9    | ng    | 671836   | 5                     | 13.974 | 408005  | 20.0 |