

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF030323\  
 Data File : BF132638.D  
 Acq On : 03 Mar 2023 20:14  
 Operator : CG\JU  
 Sample : 01776-01  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TR-6-030223

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-BF022223.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF132638.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         | 5.228       | 444           | 449         | 456          | rVB      | 1179235        | 1315584       | 46.34%          | 2.307%        |
| 2         | 5.622       | 513           | 516         | 527          | rVB      | 2891212        | 2773507       | 97.69%          | 4.863%        |
| 3         | 6.622       | 682           | 686         | 689          | rBV      | 2805083        | 2477932       | 87.28%          | 4.345%        |
| 4         | 6.822       | 717           | 720         | 724          | rBV2     | 249294         | 251902        | 8.87%           | 0.442%        |
| 5         | 6.998       | 747           | 750         | 753          | rVV      | 1307491        | 1052032       | 37.06%          | 1.845%        |
| 6         | 7.263       | 790           | 795         | 798          | rVV4     | 194425         | 243144        | 8.56%           | 0.426%        |
| 7         | 7.322       | 802           | 805         | 810          | rVB3     | 77478          | 141975        | 5.00%           | 0.249%        |
| 8         | 7.528       | 835           | 840         | 842          | rBV3     | 225440         | 255774        | 9.01%           | 0.449%        |
| 9         | 7.563       | 842           | 846         | 848          | rVV      | 1854925        | 1657720       | 58.39%          | 2.907%        |
| 10        | 7.581       | 848           | 849         | 854          | rVB      | 498013         | 402581        | 14.18%          | 0.706%        |
| 11        | 7.639       | 854           | 859         | 862          | rBV5     | 191424         | 304259        | 10.72%          | 0.534%        |
| 12        | 7.686       | 862           | 867         | 872          | rBV4     | 141425         | 260400        | 9.17%           | 0.457%        |
| 13        | 7.769       | 878           | 881         | 883          | rBV2     | 219240         | 172636        | 6.08%           | 0.303%        |
| 14        | 7.804       | 886           | 887         | 893          | rVB3     | 130732         | 146996        | 5.18%           | 0.258%        |
| 15        | 7.875       | 894           | 899         | 901          | rBV3     | 123335         | 188758        | 6.65%           | 0.331%        |
| 16        | 7.922       | 905           | 907         | 910          | rBV3     | 153649         | 169618        | 5.97%           | 0.297%        |
| 17        | 7.951       | 910           | 912         | 915          | rVB3     | 150035         | 158916        | 5.60%           | 0.279%        |
| 18        | 8.022       | 921           | 924         | 926          | rBV2     | 272935         | 269295        | 9.49%           | 0.472%        |
| 19        | 8.092       | 933           | 936         | 939          | rBV3     | 176415         | 196208        | 6.91%           | 0.344%        |
| 20        | 8.151       | 943           | 946         | 949          | rVB2     | 213562         | 202543        | 7.13%           | 0.355%        |
| 21        | 8.251       | 961           | 963         | 966          | rVV      | 655257         | 607879        | 21.41%          | 1.066%        |
| 22        | 8.286       | 966           | 969         | 971          | rVV      | 1308186        | 1118352       | 39.39%          | 1.961%        |
| 23        | 8.333       | 974           | 977         | 979          | rVB2     | 864130         | 729807        | 25.71%          | 1.280%        |
| 24        | 8.363       | 979           | 982         | 985          | rBV2     | 252594         | 291963        | 10.28%          | 0.512%        |
| 25        | 8.428       | 988           | 993         | 996          | rBV5     | 129993         | 201428        | 7.10%           | 0.353%        |
| 26        | 8.480       | 1000          | 1002        | 1008         | rVB      | 255994         | 272325        | 9.59%           | 0.478%        |
| 27        | 8.539       | 1008          | 1012        | 1014         | rBV4     | 112595         | 153860        | 5.42%           | 0.270%        |
| 28        | 8.569       | 1014          | 1017        | 1022         | rVB3     | 592914         | 661148        | 23.29%          | 1.159%        |
| 29        | 8.616       | 1022          | 1025        | 1029         | rBV5     | 200928         | 289241        | 10.19%          | 0.507%        |
| 30        | 8.651       | 1029          | 1031        | 1035         | rVB3     | 170742         | 195658        | 6.89%           | 0.343%        |
| 31        | 8.692       | 1035          | 1038        | 1040         | rBV      | 1086364        | 778936        | 27.44%          | 1.366%        |
| 32        | 8.722       | 1040          | 1043        | 1046         | rVB4     | 168543         | 149421        | 5.26%           | 0.262%        |
| 33        | 8.786       | 1051          | 1054        | 1056         | rBV4     | 259492         | 205195        | 7.23%           | 0.360%        |
| 34        | 8.822       | 1056          | 1060        | 1062         | rBV4     | 190328         | 177305        | 6.25%           | 0.311%        |
| 35        | 8.863       | 1065          | 1067        | 1071         | rVB      | 456756         | 333317        | 11.74%          | 0.584%        |
| 36        | 8.957       | 1081          | 1083        | 1087         | rVV2     | 347024         | 427309        | 15.05%          | 0.749%        |

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 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TR-6-030223

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-BF022223.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 37 | 8.998  | 1087 | 1090 | 1093 | rVV2 | 155033  | 150930  | 5.32%  | 0.265% |
| 38 | 9.057  | 1097 | 1100 | 1102 | rBV4 | 168007  | 197784  | 6.97%  | 0.347% |
| 39 | 9.098  | 1105 | 1107 | 1110 | rVV2 | 346151  | 332474  | 11.71% | 0.583% |
| 40 | 9.145  | 1113 | 1115 | 1117 | rVV2 | 278397  | 266161  | 9.38%  | 0.467% |
| 41 | 9.192  | 1119 | 1123 | 1126 | rVV3 | 321100  | 449324  | 15.83% | 0.788% |
| 42 | 9.228  | 1126 | 1129 | 1131 | rVV2 | 258738  | 238470  | 8.40%  | 0.418% |
| 43 | 9.269  | 1134 | 1136 | 1138 | rVV  | 286794  | 252604  | 8.90%  | 0.443% |
| 44 | 9.292  | 1138 | 1140 | 1143 | rVV  | 1005892 | 903617  | 31.83% | 1.585% |
| 45 | 9.357  | 1148 | 1151 | 1156 | rBV  | 2825146 | 2492525 | 87.80% | 4.371% |
| 46 | 9.433  | 1160 | 1164 | 1167 | rVV2 | 530323  | 683168  | 24.06% | 1.198% |
| 47 | 9.475  | 1169 | 1171 | 1172 | rVV  | 202025  | 180365  | 6.35%  | 0.316% |
| 48 | 9.510  | 1175 | 1177 | 1179 | rVB2 | 194908  | 148582  | 5.23%  | 0.261% |
| 49 | 9.622  | 1193 | 1196 | 1200 | rBV2 | 250850  | 347690  | 12.25% | 0.610% |
| 50 | 9.669  | 1201 | 1204 | 1206 | rVV4 | 154862  | 209895  | 7.39%  | 0.368% |
| 51 | 9.704  | 1206 | 1210 | 1212 | rVV3 | 405630  | 573519  | 20.20% | 1.006% |
| 52 | 9.727  | 1212 | 1214 | 1215 | rVV  | 274577  | 236325  | 8.32%  | 0.414% |
| 53 | 9.751  | 1215 | 1218 | 1222 | rVV2 | 1150240 | 1187689 | 41.83% | 2.083% |
| 54 | 9.810  | 1226 | 1228 | 1231 | rBV2 | 213753  | 240729  | 8.48%  | 0.422% |
| 55 | 9.910  | 1242 | 1245 | 1247 | rVB2 | 413126  | 356779  | 12.57% | 0.626% |
| 56 | 9.957  | 1251 | 1253 | 1258 | rVB2 | 278774  | 298476  | 10.51% | 0.523% |
| 57 | 10.045 | 1266 | 1268 | 1271 | rVV  | 1118213 | 964556  | 33.98% | 1.691% |
| 58 | 10.080 | 1271 | 1274 | 1277 | rVB2 | 233073  | 202965  | 7.15%  | 0.356% |
| 59 | 10.145 | 1282 | 1285 | 1290 | rBV4 | 127658  | 192886  | 6.79%  | 0.338% |
| 60 | 10.192 | 1290 | 1293 | 1296 | rBV4 | 147937  | 228408  | 8.05%  | 0.401% |
| 61 | 10.222 | 1296 | 1298 | 1300 | rVV  | 192959  | 181834  | 6.40%  | 0.319% |
| 62 | 10.251 | 1300 | 1303 | 1306 | rVB2 | 259735  | 281257  | 9.91%  | 0.493% |
| 63 | 10.286 | 1306 | 1309 | 1313 | rBV2 | 283529  | 303174  | 10.68% | 0.532% |
| 64 | 10.363 | 1318 | 1322 | 1324 | rBV2 | 214512  | 212896  | 7.50%  | 0.373% |
| 65 | 10.392 | 1324 | 1327 | 1333 | rVB2 | 152049  | 217335  | 7.66%  | 0.381% |
| 66 | 10.457 | 1333 | 1338 | 1342 | rBV5 | 200664  | 317721  | 11.19% | 0.557% |
| 67 | 10.598 | 1359 | 1362 | 1368 | rVB2 | 355483  | 397011  | 13.98% | 0.696% |
| 68 | 10.680 | 1371 | 1376 | 1379 | rVV2 | 364532  | 426771  | 15.03% | 0.748% |
| 69 | 10.839 | 1400 | 1403 | 1407 | rBV  | 1781282 | 1525058 | 53.72% | 2.674% |
| 70 | 10.951 | 1417 | 1422 | 1430 | rVB2 | 407057  | 532954  | 18.77% | 0.935% |
| 71 | 11.145 | 1450 | 1455 | 1457 | rBV3 | 121424  | 184925  | 6.51%  | 0.324% |
| 72 | 11.421 | 1499 | 1502 | 1503 | rVV  | 169468  | 164587  | 5.80%  | 0.289% |
| 73 | 11.545 | 1519 | 1523 | 1525 | rBV  | 1359945 | 1242147 | 43.75% | 2.178% |
| 74 | 11.569 | 1525 | 1527 | 1530 | rVV  | 1553194 | 1197851 | 42.19% | 2.100% |
| 75 | 11.621 | 1532 | 1536 | 1538 | rVV  | 493421  | 436681  | 15.38% | 0.766% |
| 76 | 12.051 | 1605 | 1609 | 1611 | rBV2 | 412679  | 483147  | 17.02% | 0.847% |

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Instrument :  
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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-BF022223.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|     |        |      |      |      |      |         |         |         |        |
|-----|--------|------|------|------|------|---------|---------|---------|--------|
| 77  | 12.074 | 1611 | 1613 | 1617 | rVB  | 458867  | 392014  | 13.81%  | 0.687% |
| 78  | 12.121 | 1618 | 1621 | 1624 | rBV  | 181403  | 182606  | 6.43%   | 0.320% |
| 79  | 12.163 | 1624 | 1628 | 1630 | rVV2 | 758040  | 787899  | 27.75%  | 1.382% |
| 80  | 12.186 | 1630 | 1632 | 1636 | rVB  | 251231  | 211052  | 7.43%   | 0.370% |
| 81  | 12.598 | 1699 | 1702 | 1705 | rBV  | 303994  | 366450  | 12.91%  | 0.643% |
| 82  | 12.639 | 1707 | 1709 | 1711 | rVV2 | 182182  | 168323  | 5.93%   | 0.295% |
| 83  | 12.698 | 1714 | 1719 | 1722 | rBV3 | 128749  | 241755  | 8.52%   | 0.424% |
| 84  | 12.768 | 1727 | 1731 | 1734 | rBV  | 1757713 | 1579937 | 55.65%  | 2.770% |
| 85  | 12.998 | 1764 | 1770 | 1776 | rBV  | 1941597 | 2348050 | 82.71%  | 4.117% |
| 86  | 13.051 | 1776 | 1779 | 1782 | rVB2 | 177969  | 186395  | 6.57%   | 0.327% |
| 87  | 13.139 | 1790 | 1794 | 1796 | rBV  | 3014173 | 2838988 | 100.00% | 4.978% |
| 88  | 13.215 | 1803 | 1807 | 1812 | rBV4 | 221691  | 372657  | 13.13%  | 0.653% |
| 89  | 13.327 | 1819 | 1826 | 1828 | rBV  | 510207  | 701401  | 24.71%  | 1.230% |
| 90  | 13.398 | 1835 | 1838 | 1840 | rVB  | 417657  | 374233  | 13.18%  | 0.656% |
| 91  | 13.433 | 1841 | 1844 | 1847 | rBV2 | 337799  | 341833  | 12.04%  | 0.599% |
| 92  | 13.527 | 1857 | 1860 | 1863 | rBV  | 322232  | 262466  | 9.25%   | 0.460% |
| 93  | 13.557 | 1863 | 1865 | 1868 | rBV  | 289852  | 289374  | 10.19%  | 0.507% |
| 94  | 14.204 | 1971 | 1975 | 1978 | rBV2 | 1448419 | 2132208 | 75.10%  | 3.739% |
| 95  | 14.233 | 1978 | 1980 | 1988 | rVB  | 947584  | 932107  | 32.83%  | 1.634% |
| 96  | 15.298 | 2158 | 2161 | 2168 | rBV  | 539513  | 1035701 | 36.48%  | 1.816% |
| 97  | 15.633 | 2215 | 2218 | 2225 | rVB  | 403350  | 506363  | 17.84%  | 0.888% |
| 98  | 15.698 | 2226 | 2229 | 2236 | rVB  | 632421  | 827662  | 29.15%  | 1.451% |
| 99  | 15.768 | 2237 | 2241 | 2245 | rBV  | 661028  | 869901  | 30.64%  | 1.525% |
| 100 | 17.374 | 2510 | 2514 | 2520 | rVB2 | 205355  | 402382  | 14.17%  | 0.706% |

Sum of corrected areas: 57027951



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ALS Vial : 17 Sample Multiplier: 1

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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF022223.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

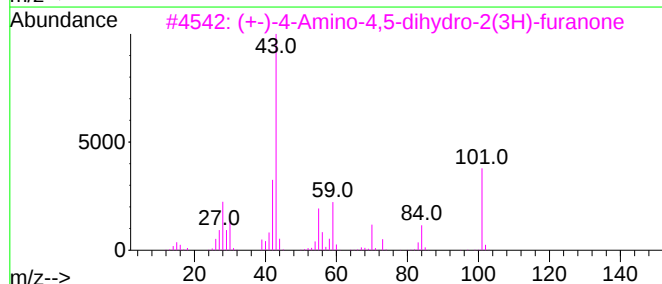
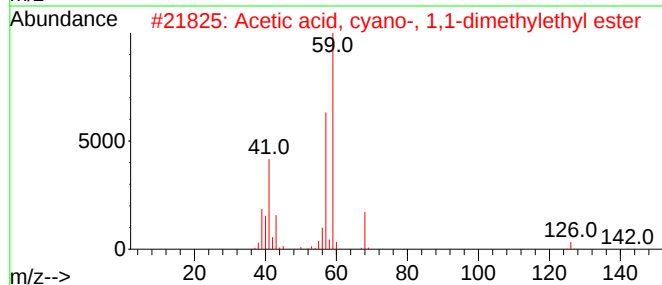
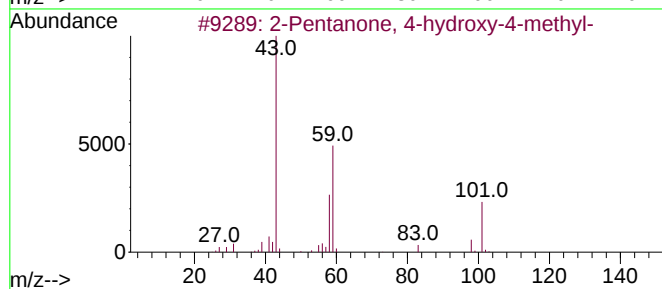
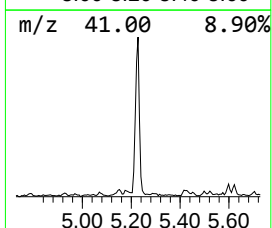
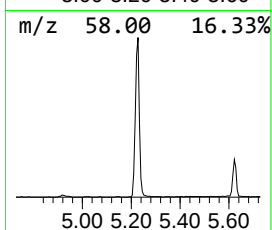
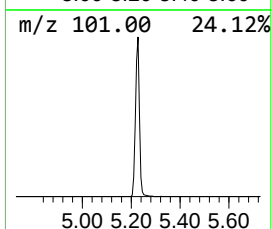
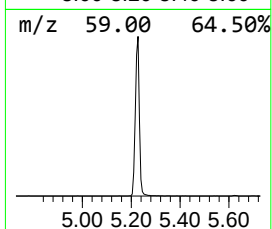
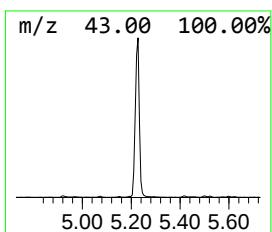
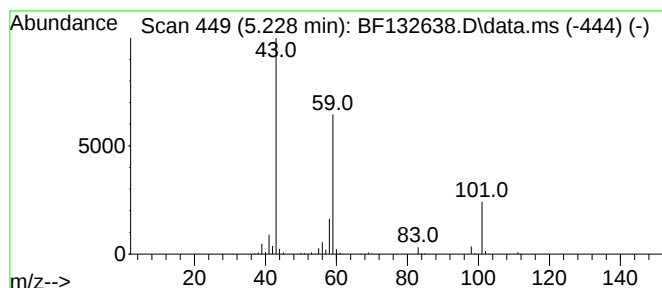
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

| R.T.  | EstConc  | Area    | Relative to ISTD       | R.T.  |
|-------|----------|---------|------------------------|-------|
| 5.228 | 25.01 ng | 1315580 | 1,4-Dichlorobenzene-d4 | 6.998 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | 2-Pentanone, 4-hydroxy-4-methyl-    | 116 | C6H12O2  | 000123-42-2 | 64   |
| 2    |    |   | Acetic acid, cyano-, 1,1-dimethy... | 141 | C7H11NO2 | 001116-98-9 | 17   |
| 3    |    |   | (+)-4-Amino-4,5-dihydro-2(3H)-f...  | 101 | C4H7NO2  | 016504-58-8 | 9    |
| 4    |    |   | Butane, 1-ethoxy-                   | 102 | C6H14O   | 000628-81-9 | 9    |
| 5    |    |   | 2,3-Butanedione, monooxime          | 101 | C4H7NO2  | 000057-71-6 | 9    |



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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF022223.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

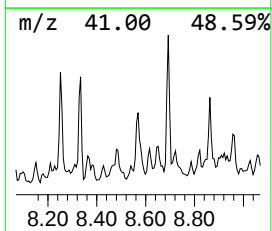
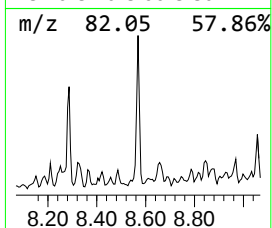
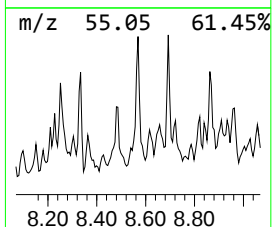
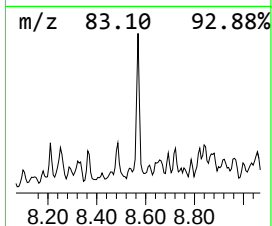
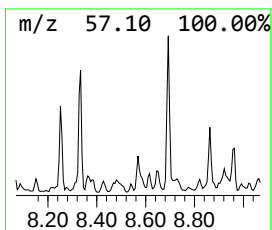
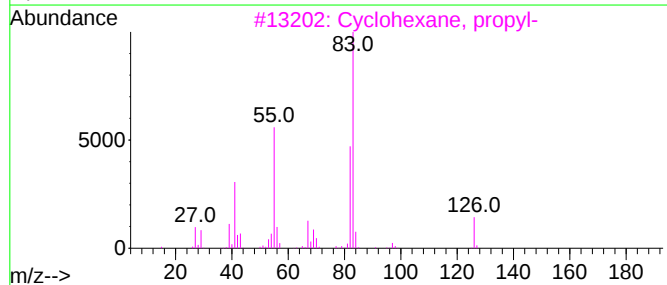
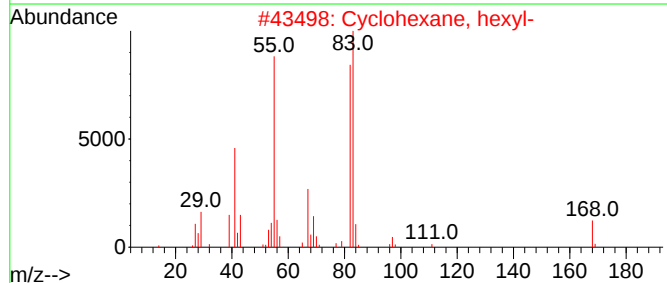
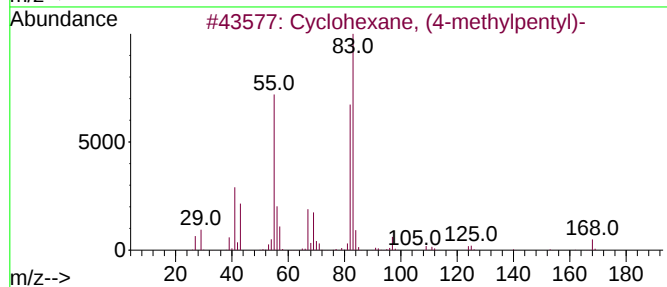
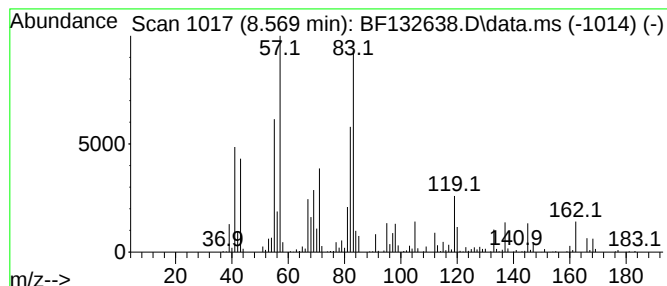
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 2 unknown8.569 Concentration Rank 8

| R.T.  | EstConc  | Area   | Relative to ISTD | R.T.  |
|-------|----------|--------|------------------|-------|
| 8.569 | 11.82 ng | 661148 | Naphthalene-d8   | 8.286 |

| Hit# | of 5 | Tentative ID                   | MW  | MolForm | CAS#        | Qual |
|------|------|--------------------------------|-----|---------|-------------|------|
| 1    |      | Cyclohexane, (4-methylpentyl)- | 168 | C12H24  | 061142-20-9 | 45   |
| 2    |      | Cyclohexane, hexyl-            | 168 | C12H24  | 004292-75-5 | 38   |
| 3    |      | Cyclohexane, propyl-           | 126 | C9H18   | 001678-92-8 | 38   |
| 4    |      | Cyclohexane, ethyl-            | 112 | C8H16   | 001678-91-7 | 38   |
| 5    |      | Cyclohexane, octyl-            | 196 | C14H28  | 001795-15-9 | 38   |



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Acq On : 03 Mar 2023 20:14  
Operator : CG\JU  
Sample : 01776-01  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TR-6-030223

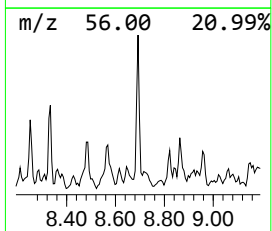
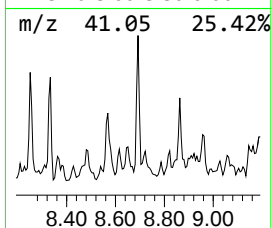
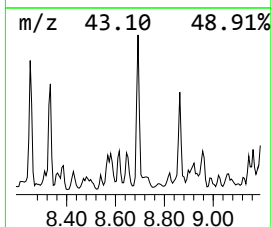
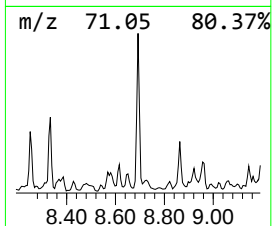
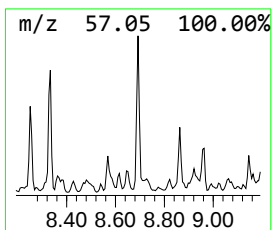
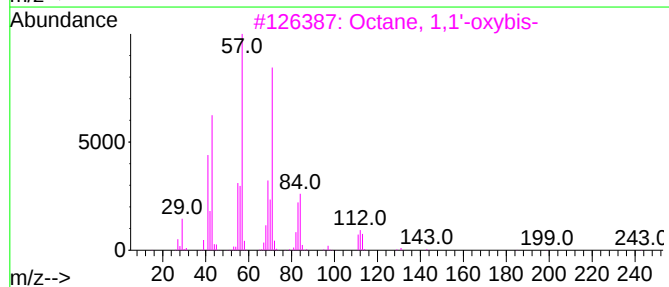
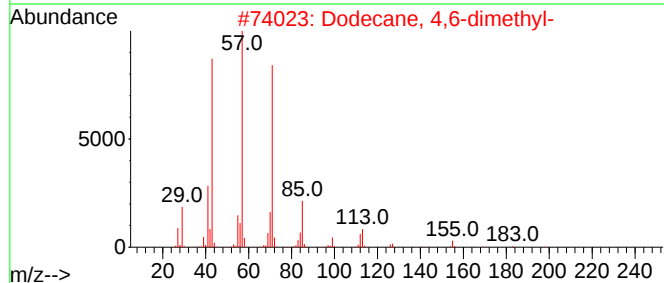
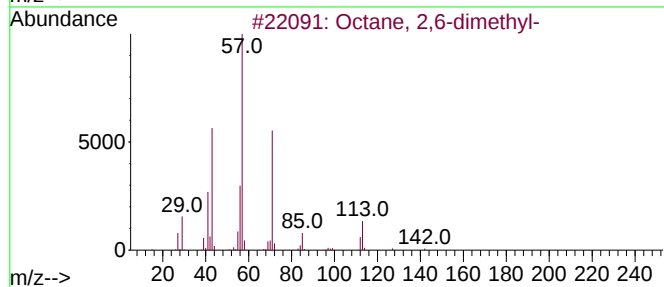
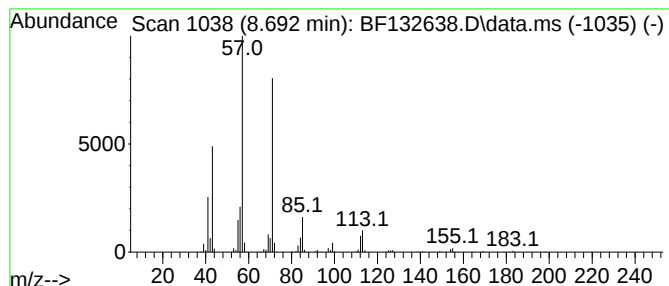
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 3 Octane, 2,6-dimethyl- Concentration Rank 5

| R.T.  | EstConc  | Area   | Relative to ISTD | R.T.  |
|-------|----------|--------|------------------|-------|
| 8.692 | 13.93 ng | 778936 | Naphthalene-d8   | 8.286 |

| Hit# | of | 5 | Tentative ID            | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------|-----|---------|-------------|------|
| 1    |    |   | Octane, 2,6-dimethyl-   | 142 | C10H22  | 002051-30-1 | 86   |
| 2    |    |   | Dodecane, 4,6-dimethyl- | 198 | C14H30  | 061141-72-8 | 72   |
| 3    |    |   | Octane, 1,1'-oxybis-    | 242 | C16H34O | 000629-82-3 | 72   |
| 4    |    |   | Hexadecane              | 226 | C16H34  | 000544-76-3 | 59   |
| 5    |    |   | Dodecane, 1-iodo-       | 296 | C12H25I | 004292-19-7 | 53   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF030323\  
Data File : BF132638.D  
Acq On : 03 Mar 2023 20:14  
Operator : CG\JU  
Sample : 01776-01  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TR-6-030223

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF022223.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

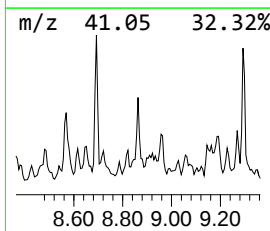
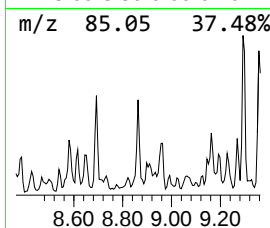
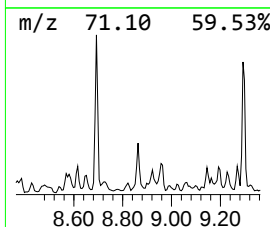
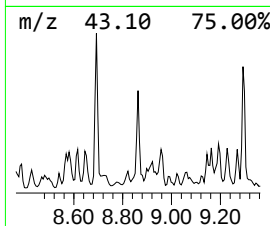
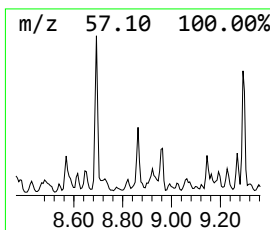
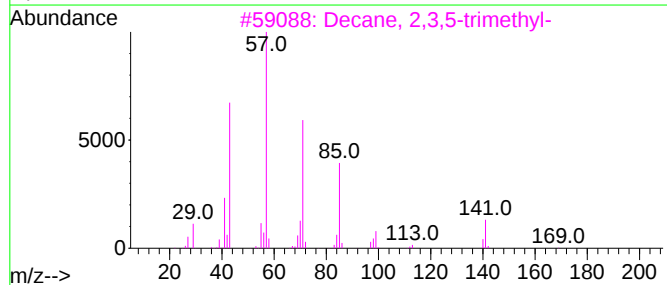
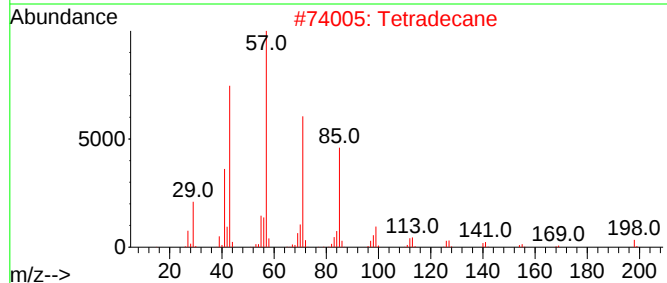
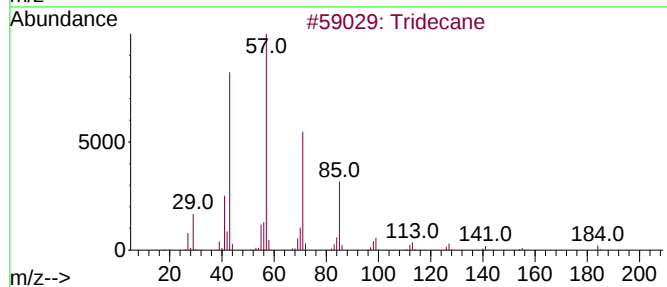
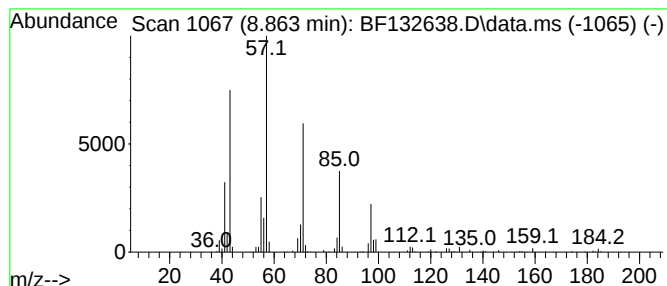
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TIC Integration Parameters: LSCINT.P

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Peak Number 4 Tridecane Concentration Rank 19

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 8.863 | 5.96 ng | 333317 | Naphthalene-d8   | 8.286 |

| Hit# | of | 5 | Tentative ID             | MW  | MolForm  | CAS#        | Qual |
|------|----|---|--------------------------|-----|----------|-------------|------|
| 1    |    |   | Tridecane                | 184 | C13H28   | 000629-50-5 | 81   |
| 2    |    |   | Tetradecane              | 198 | C14H30   | 000629-59-4 | 72   |
| 3    |    |   | Decane, 2,3,5-trimethyl- | 184 | C13H28   | 062238-11-3 | 64   |
| 4    |    |   | Hexadecane               | 226 | C16H34   | 000544-76-3 | 64   |
| 5    |    |   | Octadecane, 1-chloro-    | 288 | C18H37Cl | 003386-33-2 | 64   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF030323\  
Data File : BF132638.D  
Acq On : 03 Mar 2023 20:14  
Operator : CG\JU  
Sample : 01776-01  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TR-6-030223

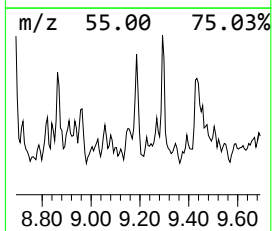
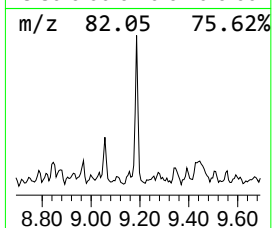
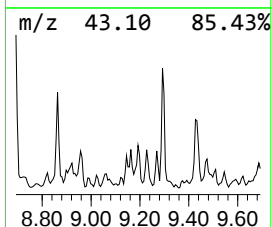
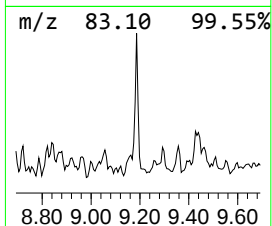
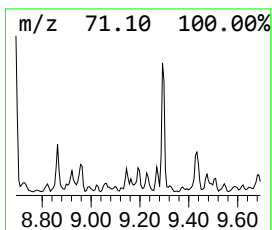
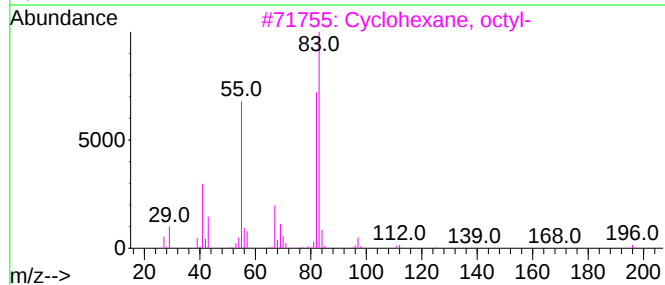
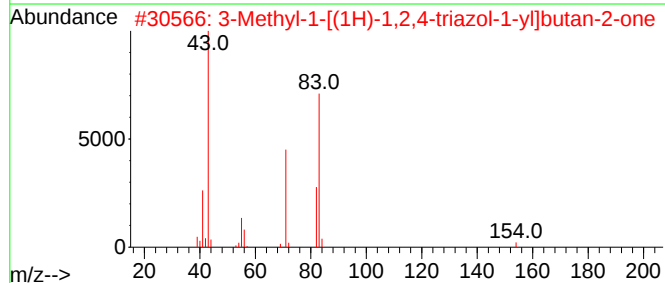
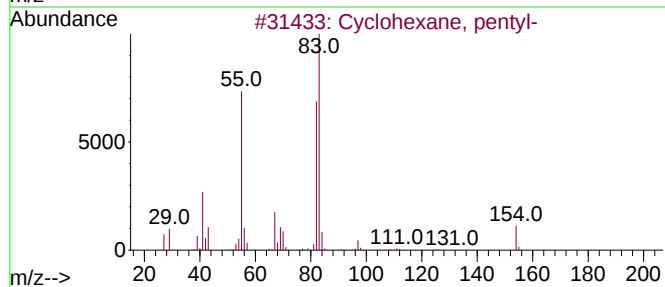
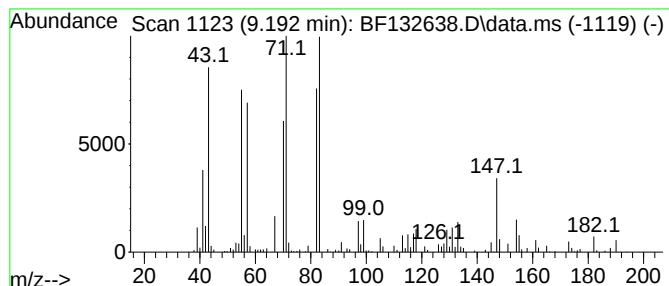
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 5 unknown9.192 Concentration Rank 10

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.   |
|-------|---------|--------|------------------|--------|
| 9.192 | 9.32 ng | 449324 | Acenaphthene-d10 | 10.045 |

| Hit# | of | 5 | Tentative ID                                    | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------------------|-----|----------|-------------|------|
| 1    |    |   | Cyclohexane, pentyl-                            | 154 | C11H22   | 004292-92-6 | 43   |
| 2    |    |   | 3-Methyl-1-[(1H)-1,2,4-triazol-1-yl]butan-2-one | 153 | C7H11N3O | 064922-02-7 | 38   |
| 3    |    |   | Cyclohexane, octyl-                             | 196 | C14H28   | 001795-15-9 | 35   |
| 4    |    |   | Cyclohexane, nonadecyl-                         | 350 | C25H50   | 022349-03-7 | 35   |
| 5    |    |   | Cyclohexane, propyl-                            | 126 | C9H18    | 001678-92-8 | 35   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF030323\  
Data File : BF132638.D  
Acq On : 03 Mar 2023 20:14  
Operator : CG\JU  
Sample : 01776-01  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TR-6-030223

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

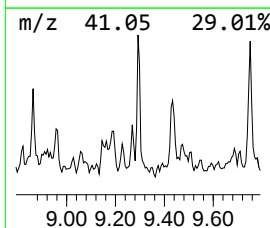
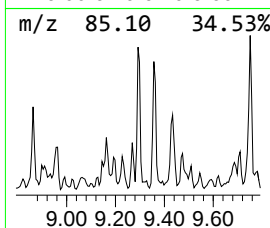
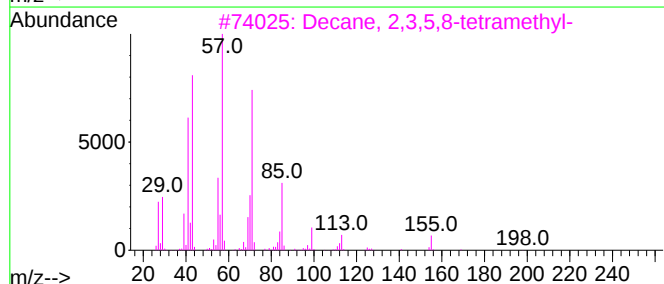
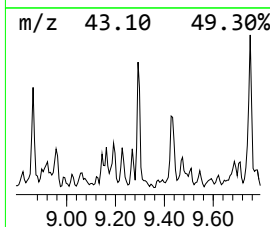
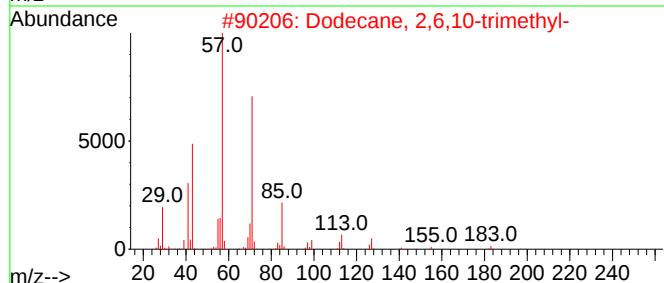
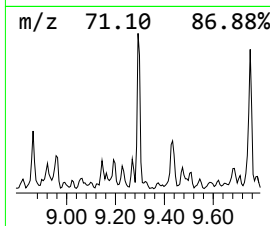
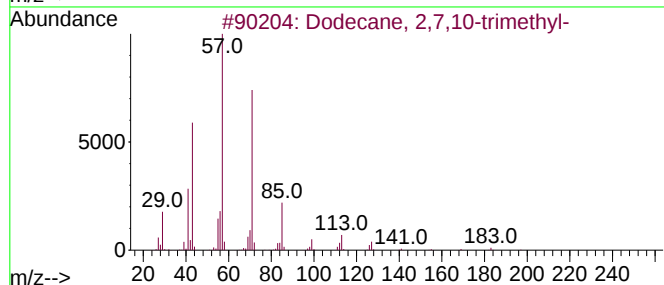
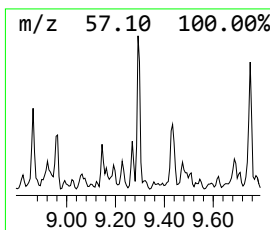
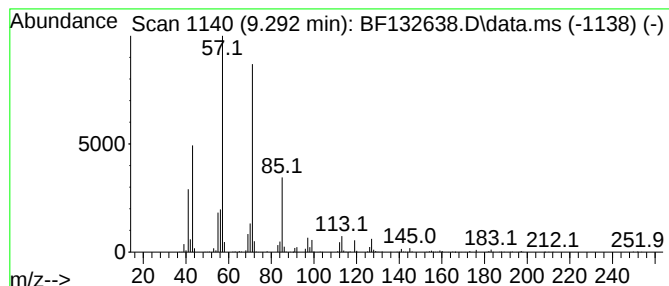
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 6 Dodecane, 2,7,10-trimethyl- Concentration Rank 3

| R.T.  | EstConc  | Area   | Relative to ISTD | R.T.   |
|-------|----------|--------|------------------|--------|
| 9.292 | 18.74 ng | 903617 | Acenaphthene-d10 | 10.045 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|----------|--------------|------|
| 1    |    |   | Dodecane, 2,7,10-trimethyl-         | 212 | C15H32   | 074645-98-0  | 91   |
| 2    |    |   | Dodecane, 2,6,10-trimethyl-         | 212 | C15H32   | 003891-98-3  | 90   |
| 3    |    |   | Decane, 2,3,5,8-tetramethyl-        | 198 | C14H30   | 192823-15-7  | 72   |
| 4    |    |   | Oxalic acid, butyl 2-ethylhexyl ... | 258 | C14H26O4 | 1000309-38-6 | 53   |
| 5    |    |   | Nonane, 5-methyl-5-propyl-          | 184 | C13H28   | 017312-75-3  | 50   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF030323\  
Data File : BF132638.D  
Acq On : 03 Mar 2023 20:14  
Operator : CG\JU  
Sample : 01776-01  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TR-6-030223

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF022223.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

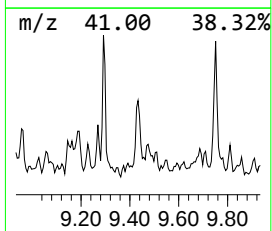
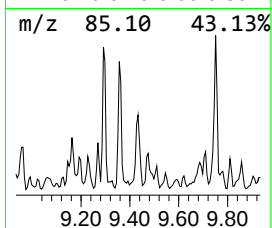
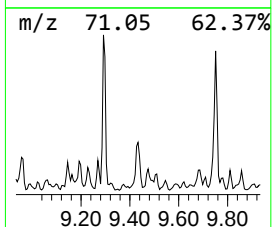
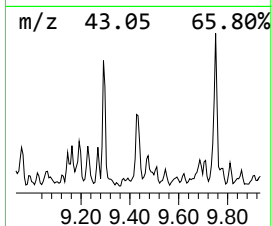
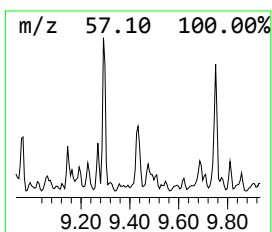
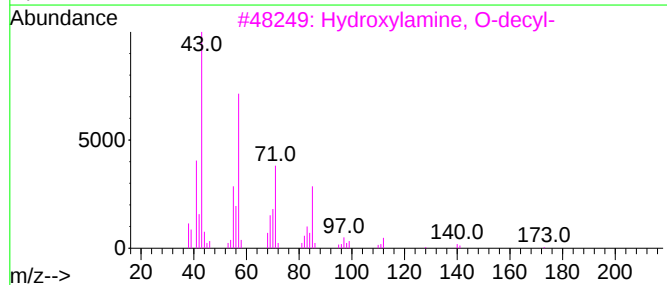
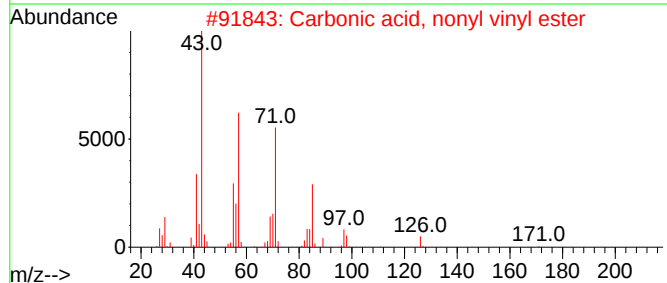
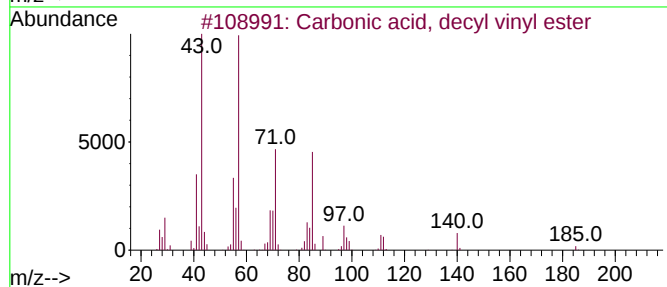
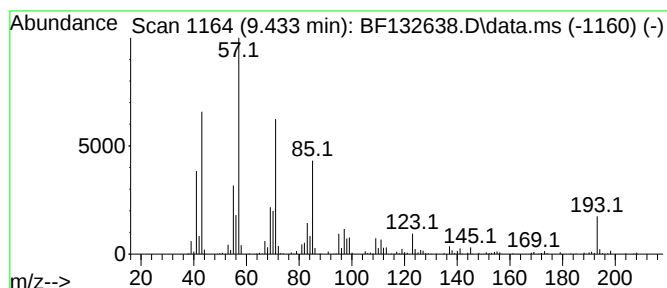
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 7 Carbonic acid, decyl vinyl ... Concentration Rank 4

| R.T.  | EstConc  | Area   | Relative to ISTD | R.T.   |
|-------|----------|--------|------------------|--------|
| 9.433 | 14.17 ng | 683168 | Acenaphthene-d10 | 10.045 |

| Hit# | of | 5 | Tentative ID                       | MW  | MolForm  | CAS#         | Qual |
|------|----|---|------------------------------------|-----|----------|--------------|------|
| 1    |    |   | Carbonic acid, decyl vinyl ester   | 228 | C13H24O3 | 1000383-25-7 | 59   |
| 2    |    |   | Carbonic acid, nonyl vinyl ester   | 214 | C12H22O3 | 1000383-25-6 | 58   |
| 3    |    |   | Hydroxylamine, O-decyl-            | 173 | C10H23NO | 029812-79-1  | 58   |
| 4    |    |   | Carbonic acid, eicosyl vinyl ester | 368 | C23H44O3 | 1000382-54-3 | 58   |
| 5    |    |   | Heptacosane                        | 380 | C27H56   | 000593-49-7  | 53   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF030323\  
Data File : BF132638.D  
Acq On : 03 Mar 2023 20:14  
Operator : CG\JU  
Sample : 01776-01  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TR-6-030223

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF022223.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

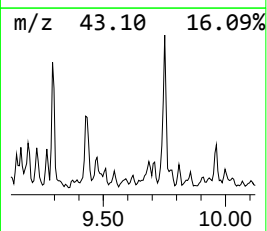
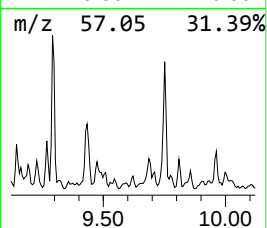
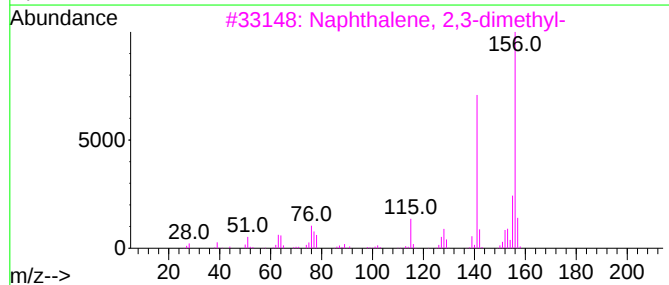
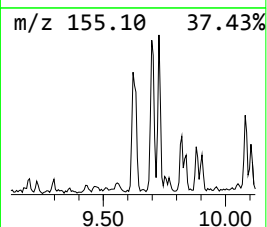
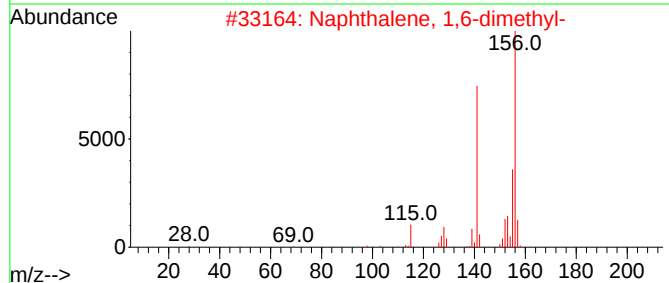
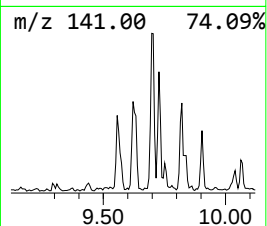
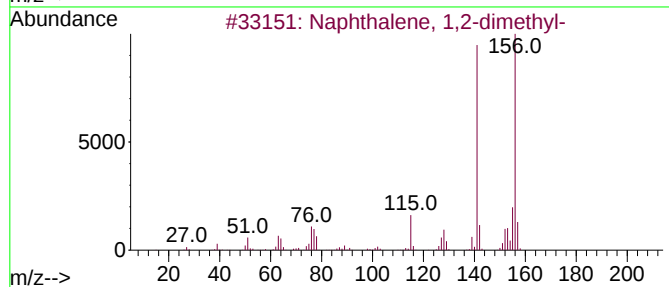
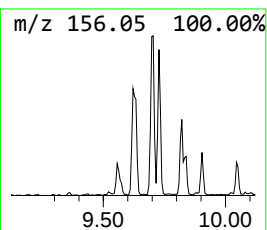
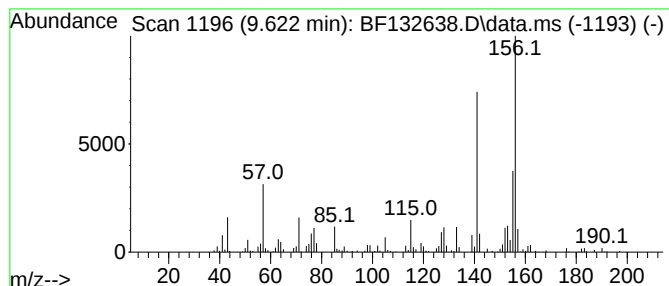
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 8 Naphthalene, 1,2-dimethyl- Concentration Rank 14

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.   |
|-------|---------|--------|------------------|--------|
| 9.622 | 7.21 ng | 347690 | Acenaphthene-d10 | 10.045 |

| Hit# | of | 5 | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------|-----|---------|-------------|------|
| 1    |    |   | Naphthalene, 1,2-dimethyl- | 156 | C12H12  | 000573-98-8 | 96   |
| 2    |    |   | Naphthalene, 1,6-dimethyl- | 156 | C12H12  | 000575-43-9 | 96   |
| 3    |    |   | Naphthalene, 2,3-dimethyl- | 156 | C12H12  | 000581-40-8 | 95   |
| 4    |    |   | Naphthalene, 2,7-dimethyl- | 156 | C12H12  | 000582-16-1 | 95   |
| 5    |    |   | Naphthalene, 1,7-dimethyl- | 156 | C12H12  | 000575-37-1 | 93   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF030323\  
Data File : BF132638.D  
Acq On : 03 Mar 2023 20:14  
Operator : CG\JU  
Sample : 01776-01  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TR-6-030223

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF022223.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

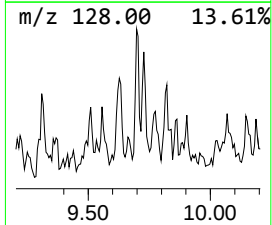
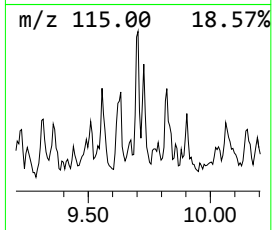
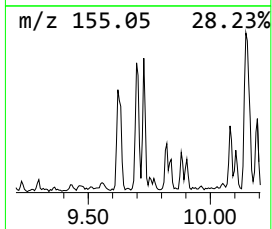
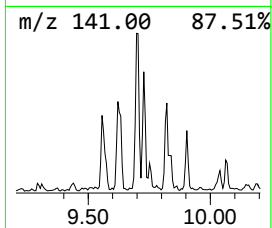
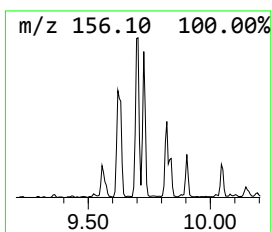
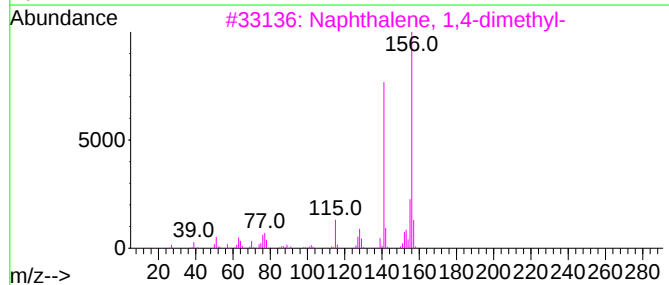
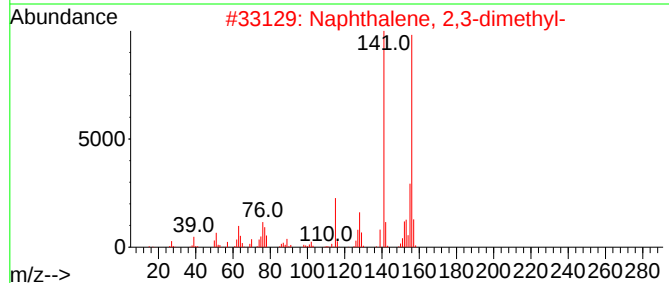
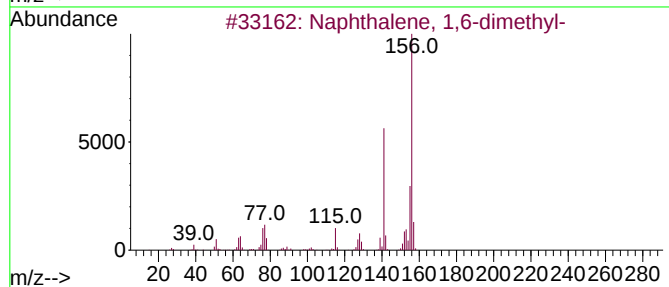
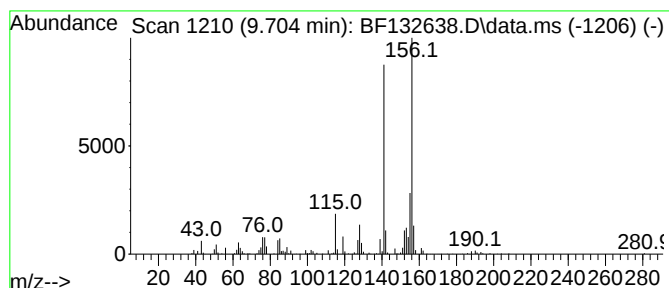
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TIC Integration Parameters: LSCINT.P

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Peak Number 9 Naphthalene, 1,6-dimethyl- Concentration Rank 7

| R.T.  | EstConc  | Area   | Relative to ISTD | R.T.   |
|-------|----------|--------|------------------|--------|
| 9.704 | 11.89 ng | 573519 | Acenaphthene-d10 | 10.045 |

| Hit# | of | 5 | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------|-----|---------|-------------|------|
| 1    |    |   | Naphthalene, 1,6-dimethyl- | 156 | C12H12  | 000575-43-9 | 97   |
| 2    |    |   | Naphthalene, 2,3-dimethyl- | 156 | C12H12  | 000581-40-8 | 97   |
| 3    |    |   | Naphthalene, 1,4-dimethyl- | 156 | C12H12  | 000571-58-4 | 97   |
| 4    |    |   | Naphthalene, 1,3-dimethyl- | 156 | C12H12  | 000575-41-7 | 96   |
| 5    |    |   | Naphthalene, 2,6-dimethyl- | 156 | C12H12  | 000581-42-0 | 96   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF030323\  
Data File : BF132638.D  
Acq On : 03 Mar 2023 20:14  
Operator : CG\JU  
Sample : 01776-01  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TR-6-030223

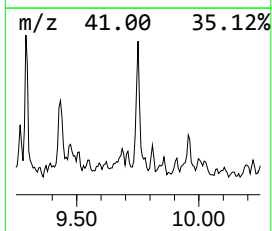
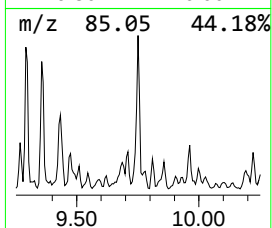
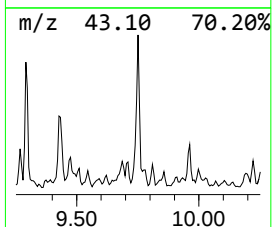
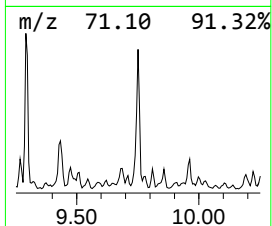
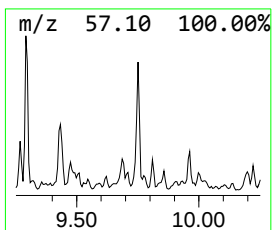
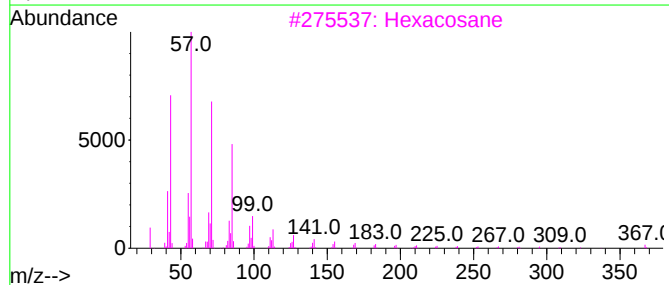
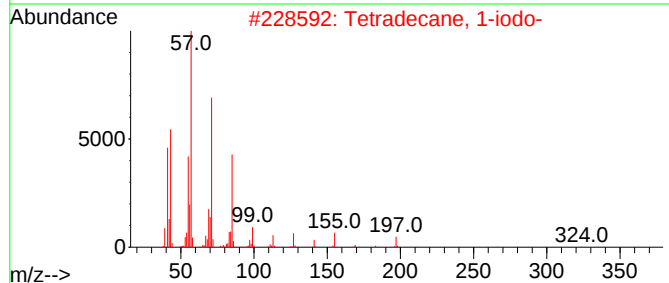
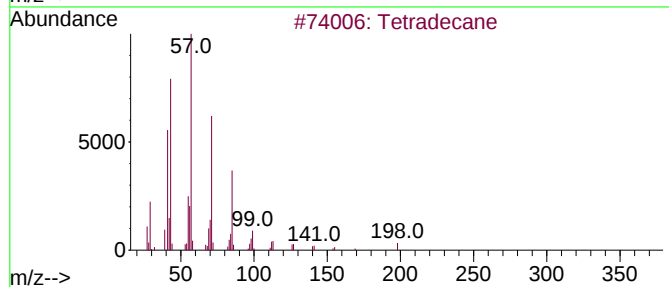
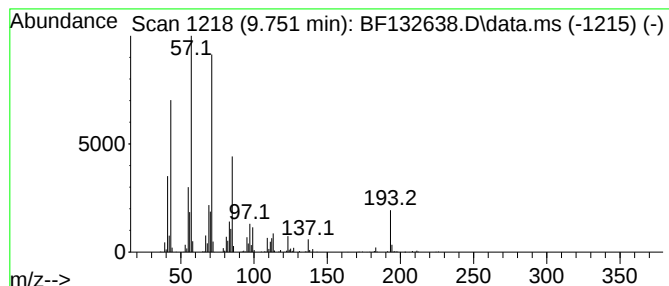
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 10 Tetradecane Concentration Rank 2

| R.T.      | EstConc                   | Area    | Relative to ISTD |         | R.T.        |      |
|-----------|---------------------------|---------|------------------|---------|-------------|------|
| 9.751     | 24.63 ng                  | 1187690 | Acenaphthene-d10 |         | 10.045      |      |
| Hit# of 5 | Tentative ID              |         | MW               | MolForm | CAS#        | Qual |
| 1         | Tetradecane               |         | 198              | C14H30  | 000629-59-4 | 81   |
| 2         | Tetradecane, 1-iodo-      |         | 324              | C14H29I | 019218-94-1 | 72   |
| 3         | Hexacosane                |         | 366              | C26H54  | 000630-01-3 | 72   |
| 4         | Pentacosane               |         | 352              | C25H52  | 000629-99-2 | 64   |
| 5         | 1,3-Dimethylcyclopentanol |         | 114              | C7H14O  | 019550-46-0 | 62   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF030323\  
Data File : BF132638.D  
Acq On : 03 Mar 2023 20:14  
Operator : CG\JU  
Sample : 01776-01  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TR-6-030223

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF022223.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

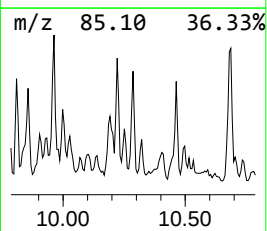
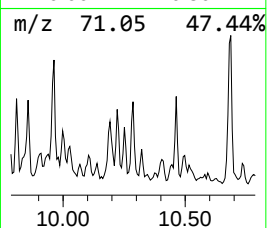
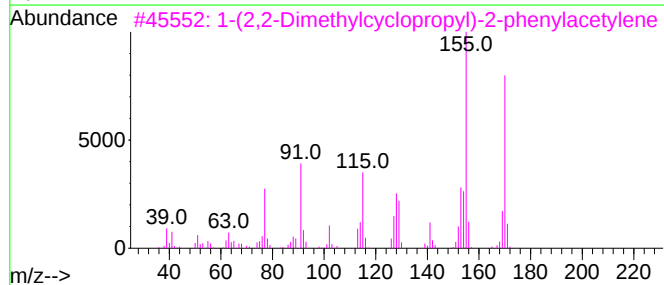
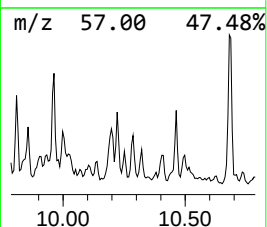
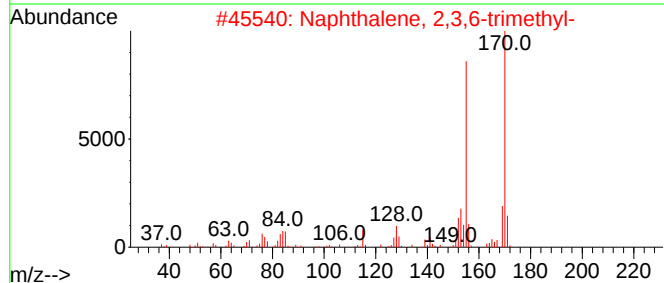
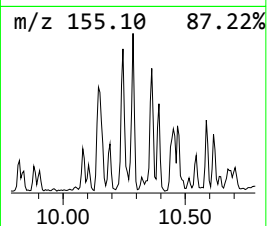
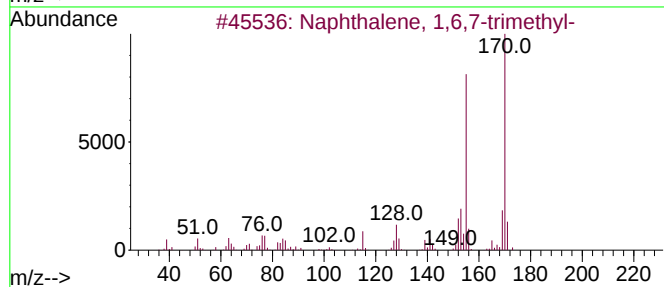
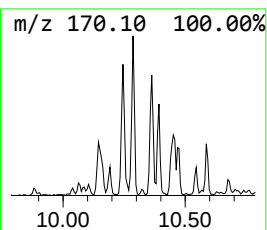
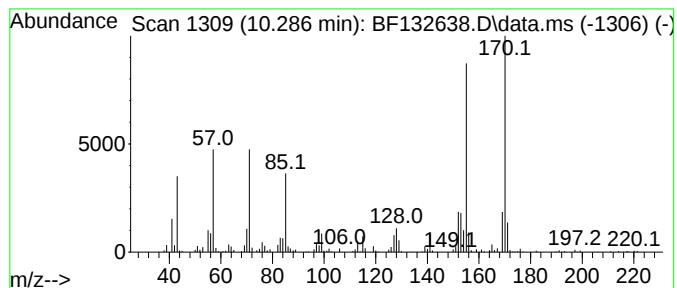
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TIC Integration Parameters: LSCINT.P

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Peak Number 11 Naphthalene, 1,6,7-trimethyl- Concentration Rank 18

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 10.286 | 6.29 ng | 303174 | Acenaphthene-d10 | 10.045 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|---------|--------------|------|
| 1    |    |   | Naphthalene, 1,6,7-trimethyl-       | 170 | C13H14  | 002245-38-7  | 93   |
| 2    |    |   | Naphthalene, 2,3,6-trimethyl-       | 170 | C13H14  | 000829-26-5  | 93   |
| 3    |    |   | 1-(2,2-Dimethylcyclopropyl)-2-ph... | 170 | C13H14  | 1000294-91-1 | 70   |
| 4    |    |   | 3-(2-Methyl-propenyl)-1H-indene     | 170 | C13H14  | 1000187-78-5 | 58   |
| 5    |    |   | 4,6,8-Trimethylazulene              | 170 | C13H14  | 000941-81-1  | 58   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF030323\  
Data File : BF132638.D  
Acq On : 03 Mar 2023 20:14  
Operator : CG\JU  
Sample : 01776-01  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TR-6-030223

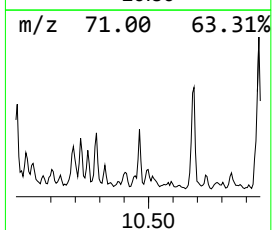
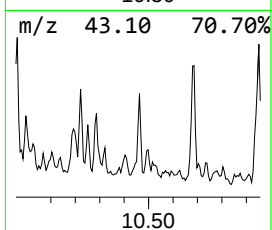
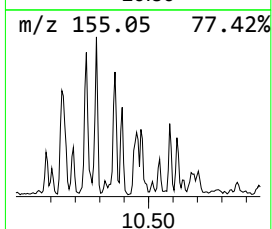
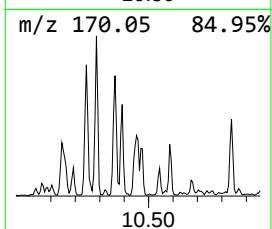
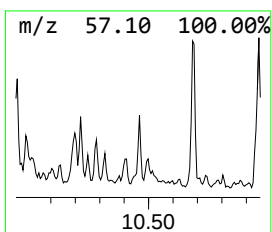
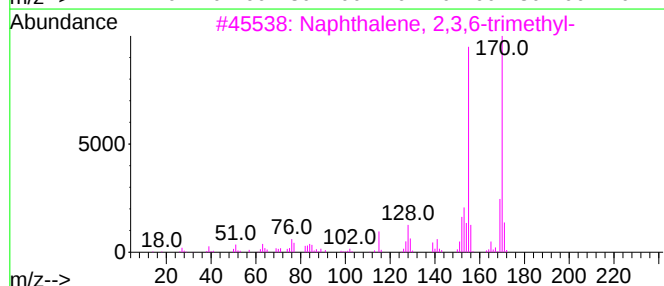
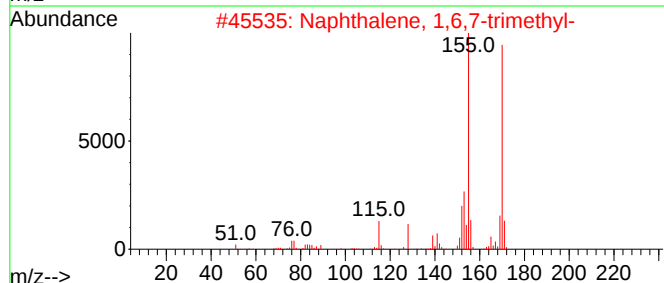
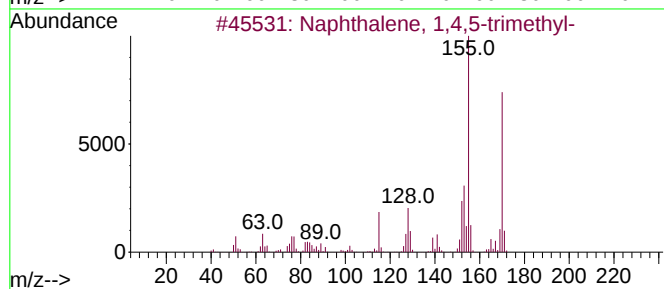
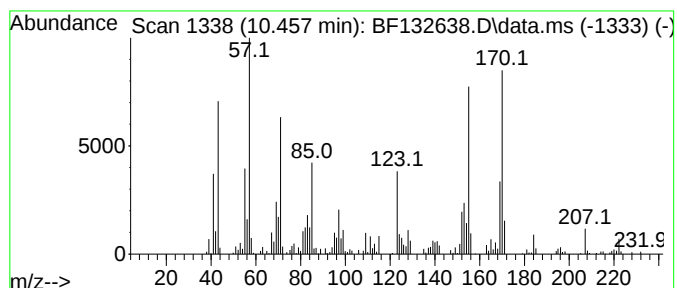
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 12 Naphthalene, 1,4,5-trimethyl- Concentration Rank 15

| R.T.      | EstConc                             | Area   | Relative to ISTD |         | R.T.         |      |
|-----------|-------------------------------------|--------|------------------|---------|--------------|------|
| 10.457    | 6.59 ng                             | 317721 | Acenaphthene-d10 |         | 10.045       |      |
| Hit# of 5 | Tentative ID                        |        | MW               | MolForm | CAS#         | Qual |
| 1         | Naphthalene, 1,4,5-trimethyl-       |        | 170              | C13H14  | 002131-41-1  | 91   |
| 2         | Naphthalene, 1,6,7-trimethyl-       |        | 170              | C13H14  | 002245-38-7  | 91   |
| 3         | Naphthalene, 2,3,6-trimethyl-       |        | 170              | C13H14  | 000829-26-5  | 87   |
| 4         | Naphthalene, 1,4,6-trimethyl-       |        | 170              | C13H14  | 002131-42-2  | 70   |
| 5         | 1-(2,2-Dimethylcyclopropyl)-2-ph... |        | 170              | C13H14  | 1000294-91-1 | 50   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF030323\  
Data File : BF132638.D  
Acq On : 03 Mar 2023 20:14  
Operator : CG\JU  
Sample : 01776-01  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TR-6-030223

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF022223.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

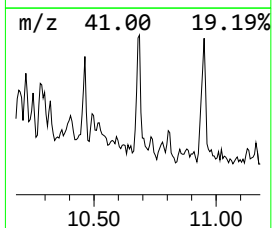
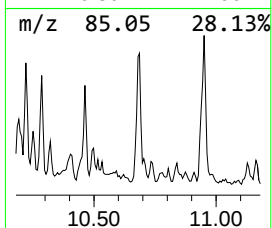
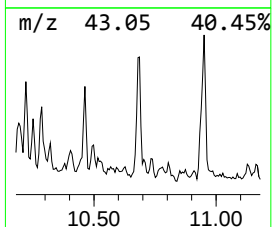
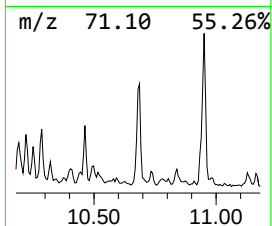
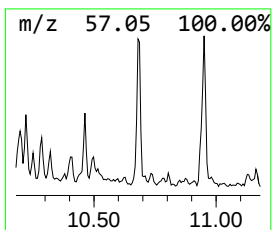
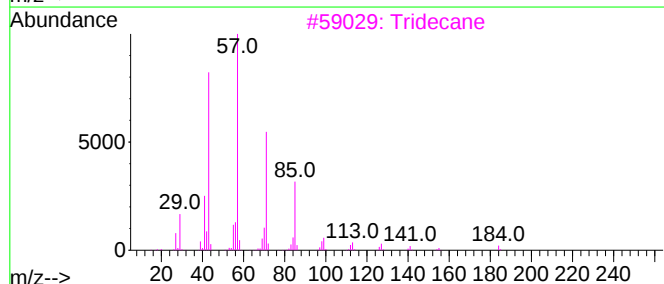
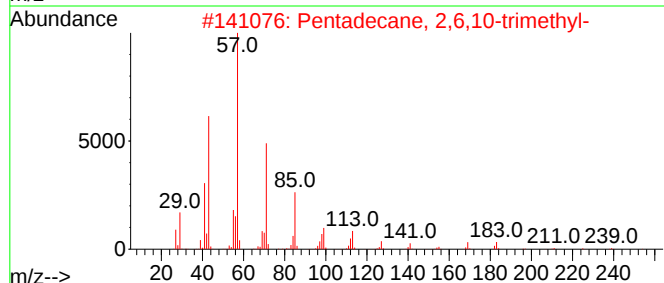
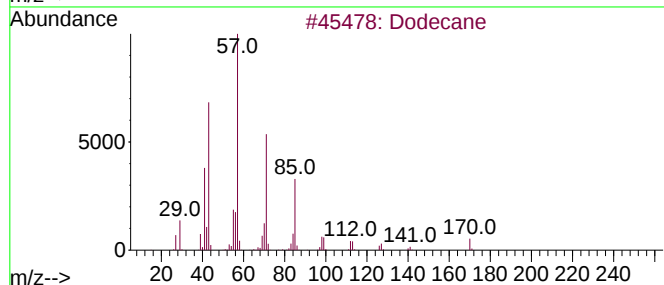
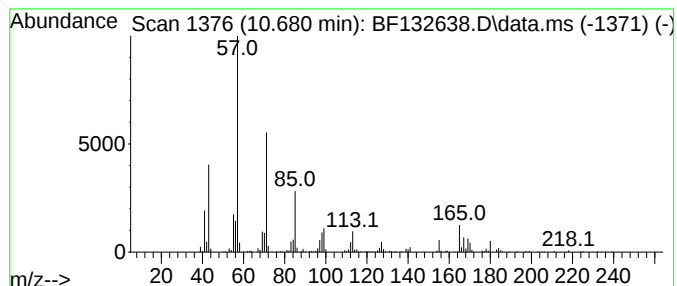
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TIC Integration Parameters: LSCINT.P

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Peak Number 13 Dodecane Concentration Rank 11

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 10.680 | 8.85 ng | 426771 | Acenaphthene-d10 | 10.045 |

| Hit# | of | 5 | Tentative ID                   | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------------------------|-----|---------|-------------|------|
| 1    |    |   | Dodecane                       | 170 | C12H26  | 000112-40-3 | 76   |
| 2    |    |   | Pentadecane, 2,6,10-trimethyl- | 254 | C18H38  | 003892-00-0 | 72   |
| 3    |    |   | Tridecane                      | 184 | C13H28  | 000629-50-5 | 70   |
| 4    |    |   | Heptacosane                    | 380 | C27H56  | 000593-49-7 | 68   |
| 5    |    |   | Heptadecane, 7-methyl-         | 254 | C18H38  | 020959-33-5 | 64   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF030323\  
Data File : BF132638.D  
Acq On : 03 Mar 2023 20:14  
Operator : CG\JU  
Sample : 01776-01  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TR-6-030223

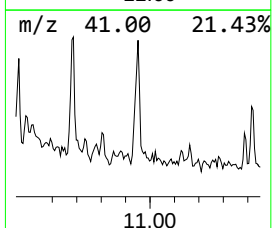
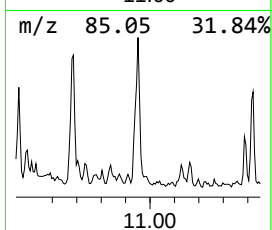
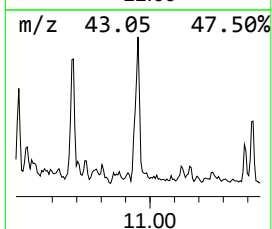
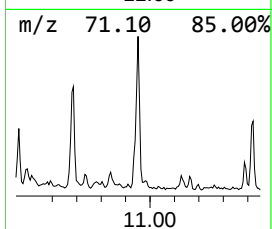
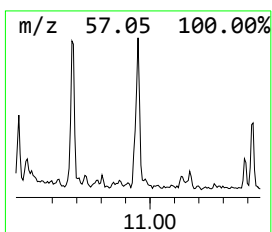
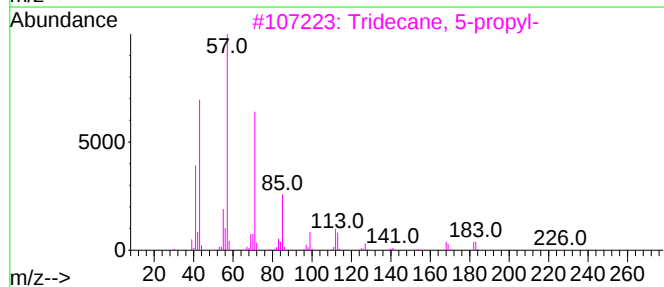
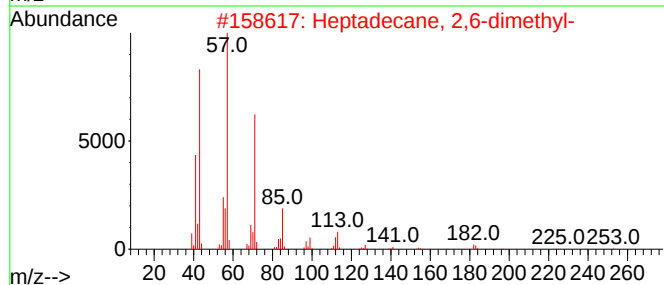
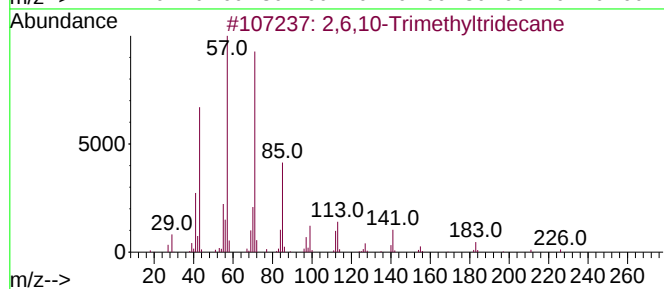
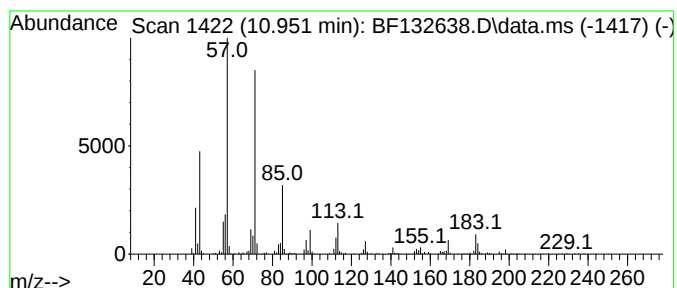
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 14 2,6,10-Trimethyltridecane Concentration Rank 12

| R.T.      | EstConc                      | Area   | Relative to ISTD |         | R.T.        |      |
|-----------|------------------------------|--------|------------------|---------|-------------|------|
| 10.951    | 8.58 ng                      | 532954 | Phenanthrene-d10 |         | 11.545      |      |
| Hit# of 5 | Tentative ID                 |        | MW               | MolForm | CAS#        | Qual |
| 1         | 2,6,10-Trimethyltridecane    |        | 226              | C16H34  | 003891-99-4 | 86   |
| 2         | Heptadecane, 2,6-dimethyl-   |        | 268              | C19H40  | 054105-67-8 | 72   |
| 3         | Tridecane, 5-propyl-         |        | 226              | C16H34  | 055045-11-9 | 72   |
| 4         | Dodecane, 2,7,10-trimethyl-  |        | 212              | C15H32  | 074645-98-0 | 72   |
| 5         | Dodecane, 2-methyl-8-propyl- |        | 226              | C16H34  | 055045-07-3 | 53   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF030323\  
Data File : BF132638.D  
Acq On : 03 Mar 2023 20:14  
Operator : CG\JU  
Sample : 01776-01  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TR-6-030223

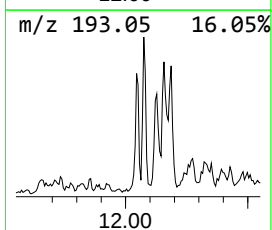
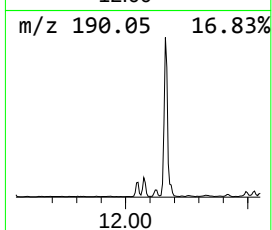
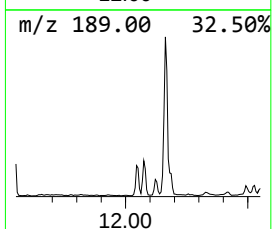
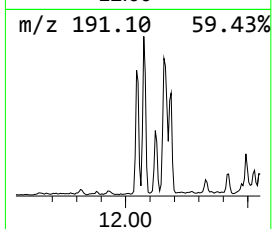
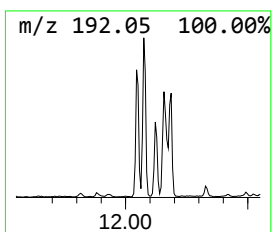
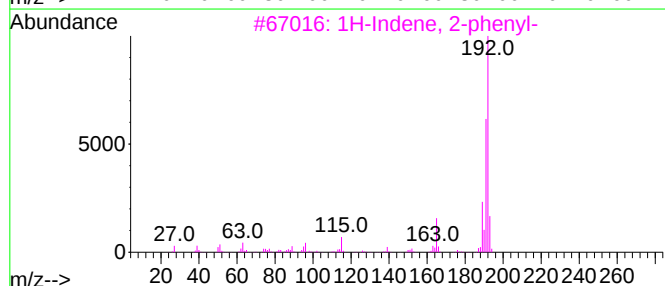
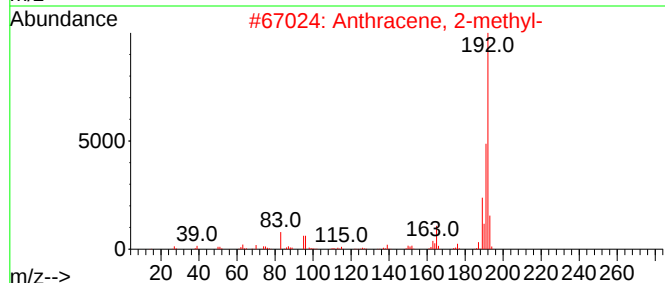
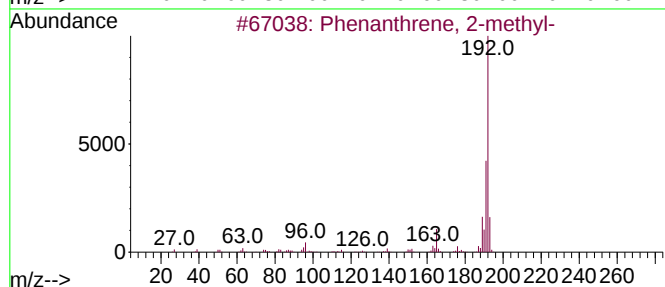
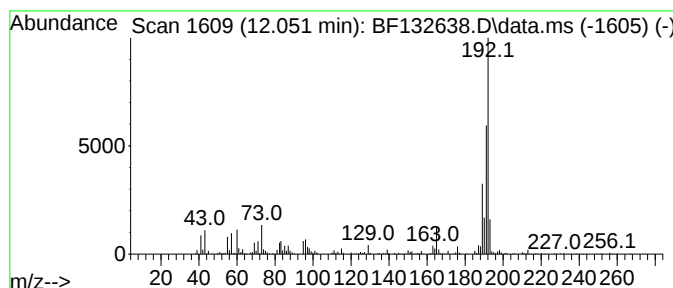
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 15 Phenanthrene, 2-methyl- Concentration Rank 13

| R.T.      | EstConc                             | Area   | Relative to ISTD | R.T.        |      |
|-----------|-------------------------------------|--------|------------------|-------------|------|
| 12.051    | 7.78 ng                             | 483147 | Phenanthrene-d10 | 11.545      |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm          | CAS#        | Qual |
| 1         | Phenanthrene, 2-methyl-             | 192    | C15H12           | 002531-84-2 | 96   |
| 2         | Anthracene, 2-methyl-               | 192    | C15H12           | 000613-12-7 | 95   |
| 3         | 1H-Indene, 2-phenyl-                | 192    | C15H12           | 004505-48-0 | 94   |
| 4         | 1H-Cyclopropa[1]phenanthrene,1a,... | 192    | C15H12           | 000949-41-7 | 93   |
| 5         | Anthracene, 9-methyl-               | 192    | C15H12           | 000779-02-2 | 93   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF030323\  
Data File : BF132638.D  
Acq On : 03 Mar 2023 20:14  
Operator : CG\JU  
Sample : 01776-01  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TR-6-030223

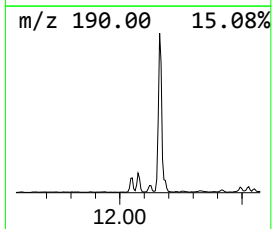
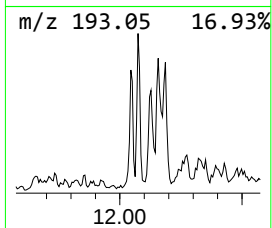
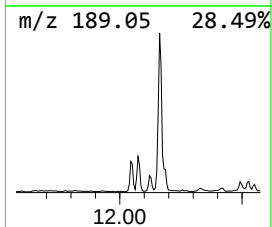
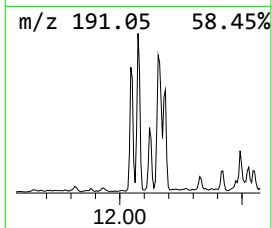
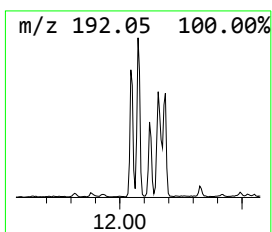
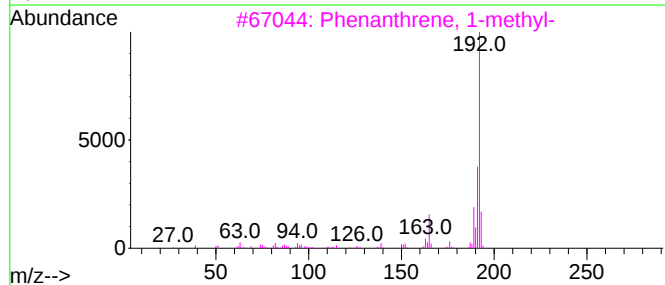
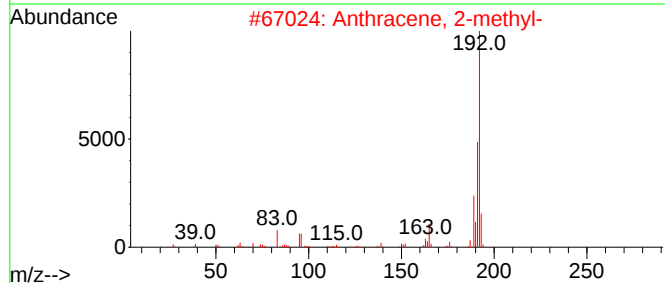
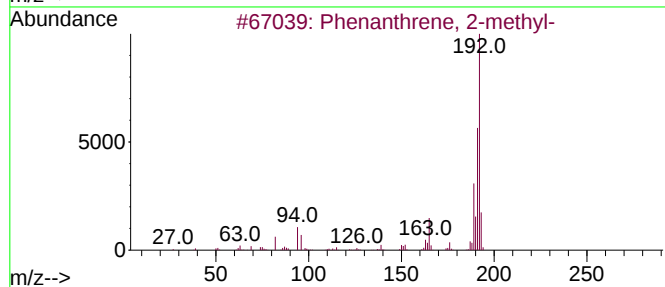
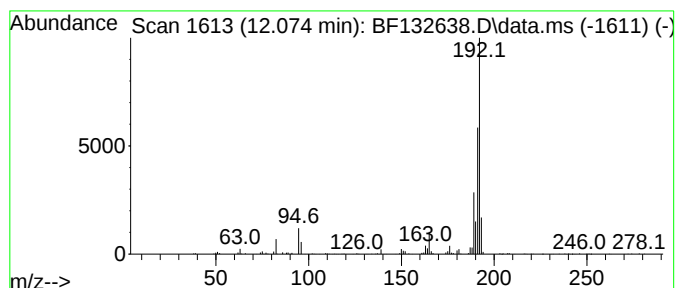
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 16 Anthracene, 2-methyl- Concentration Rank 17

| R.T.      | EstConc                             | Area   | Relative to ISTD | R.T.        |      |
|-----------|-------------------------------------|--------|------------------|-------------|------|
| 12.074    | 6.31 ng                             | 392014 | Phenanthrene-d10 | 11.545      |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm          | CAS#        | Qual |
| 1         | Phenanthrene, 2-methyl-             | 192    | C15H12           | 002531-84-2 | 95   |
| 2         | Anthracene, 2-methyl-               | 192    | C15H12           | 000613-12-7 | 95   |
| 3         | Phenanthrene, 1-methyl-             | 192    | C15H12           | 000832-69-9 | 92   |
| 4         | Anthracene, 9-methyl-               | 192    | C15H12           | 000779-02-2 | 90   |
| 5         | 1H-Cyclopropa[1]phenanthrene,1a,... | 192    | C15H12           | 000949-41-7 | 90   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF030323\  
Data File : BF132638.D  
Acq On : 03 Mar 2023 20:14  
Operator : CG\JU  
Sample : 01776-01  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TR-6-030223

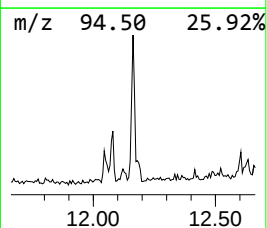
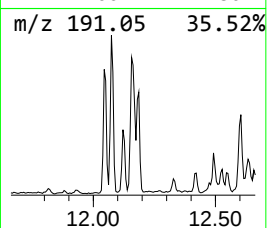
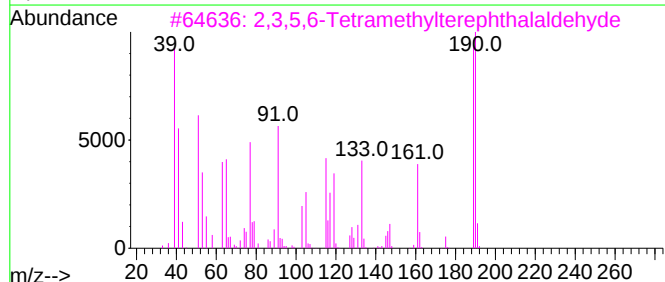
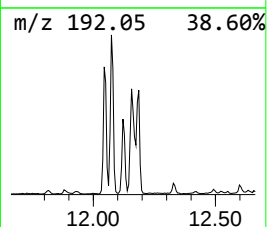
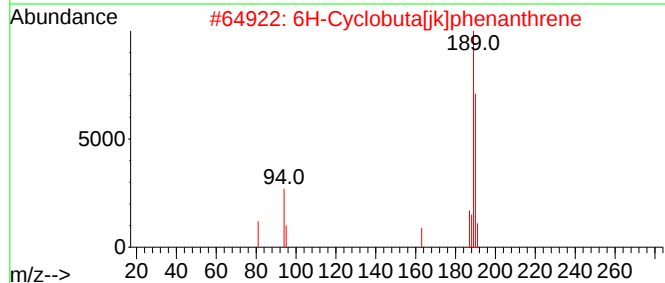
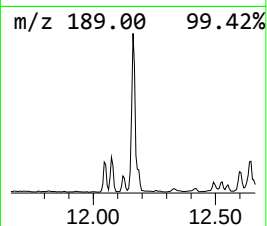
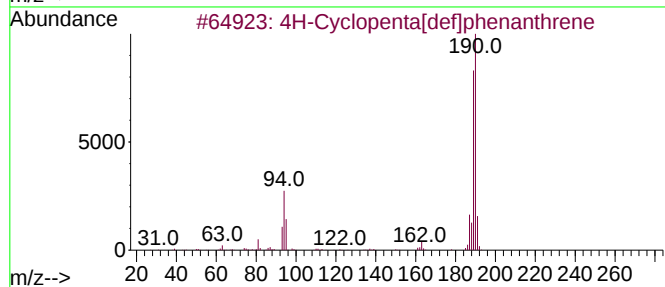
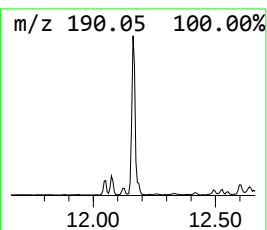
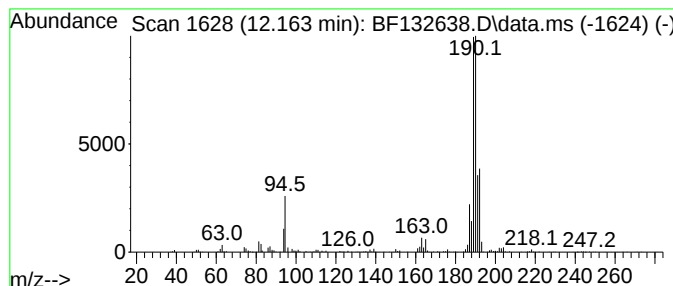
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 17 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

| R.T.      | EstConc                             | Area   | Relative to ISTD | R.T.        |      |
|-----------|-------------------------------------|--------|------------------|-------------|------|
| 12.163    | 12.69 ng                            | 787899 | Phenanthrene-d10 | 11.545      |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm          | CAS#        | Qual |
| 1         | 4H-Cyclopenta[def]phenanthrene      | 190    | C15H10           | 000203-64-5 | 94   |
| 2         | 6H-Cyclobuta[jk]phenanthrene        | 190    | C15H10           | 083469-43-6 | 59   |
| 3         | 2,3,5,6-Tetramethylterephthalald... | 190    | C12H14O2         | 007072-01-7 | 47   |
| 4         | Methyl diselenide                   | 190    | C2H6Se2          | 007101-31-7 | 46   |
| 5         | 2,4(1H,3H)-Pyrimidinedione, 5-br... | 190    | C4H3BrN2O2       | 000051-20-7 | 32   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF030323\  
Data File : BF132638.D  
Acq On : 03 Mar 2023 20:14  
Operator : CG\JU  
Sample : 01776-01  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TR-6-030223

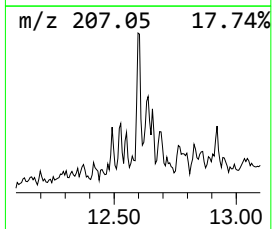
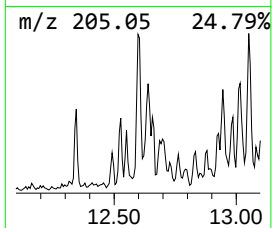
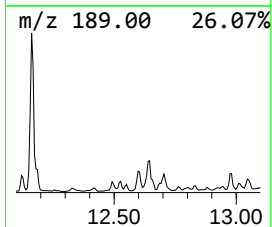
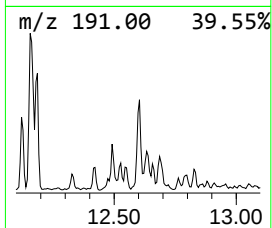
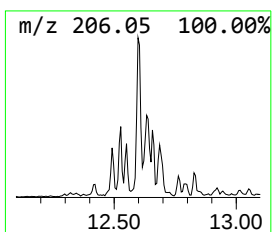
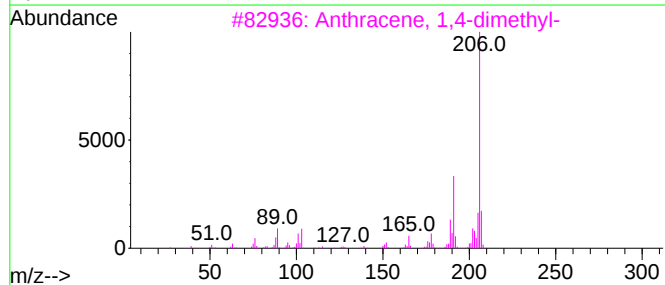
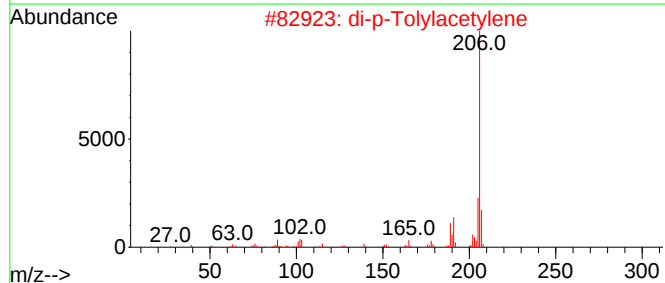
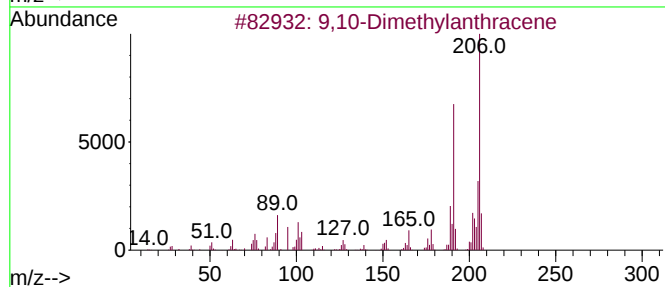
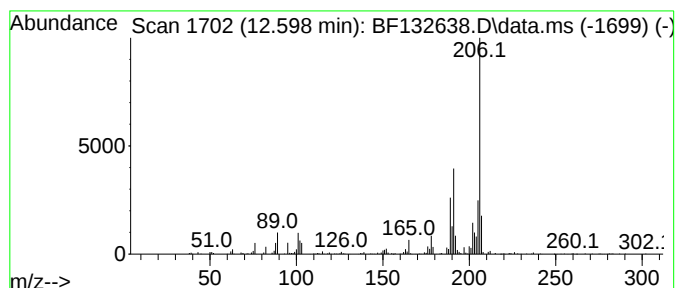
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 18 9,10-Dimethylantracene Concentration Rank 20

| R.T.      | EstConc                     | Area   | Relative to ISTD | R.T.        |      |
|-----------|-----------------------------|--------|------------------|-------------|------|
| 12.598    | 5.90 ng                     | 366450 | Phenanthrene-d10 | 11.545      |      |
| Hit# of 5 | Tentative ID                | MW     | MolForm          | CAS#        | Qual |
| 1         | 9,10-Dimethylantracene      | 206    | C16H14           | 000781-43-1 | 94   |
| 2         | di-p-Tolylacetylene         | 206    | C16H14           | 002789-88-0 | 94   |
| 3         | Anthracene, 1,4-dimethyl-   | 206    | C16H14           | 000781-92-0 | 93   |
| 4         | Phenanthrene, 1,7-dimethyl- | 206    | C16H14           | 000483-87-4 | 91   |
| 5         | Phenanthrene, 2,3-dimethyl- | 206    | C16H14           | 003674-65-5 | 90   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF030323\  
Data File : BF132638.D  
Acq On : 03 Mar 2023 20:14  
Operator : CG\JU  
Sample : 01776-01  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TR-6-030223

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF022223.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

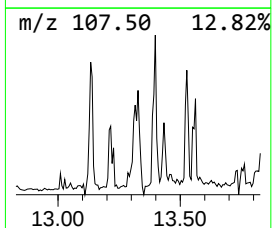
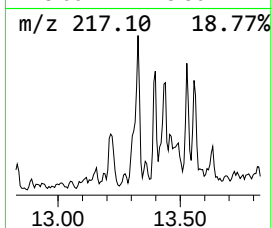
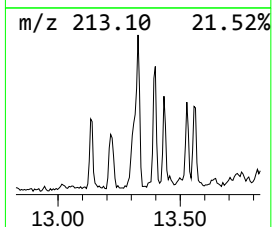
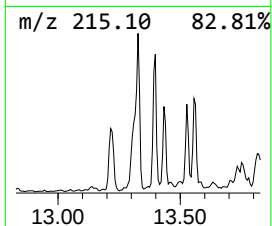
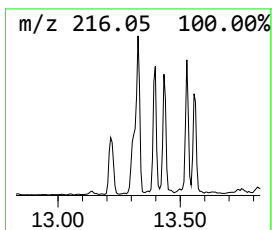
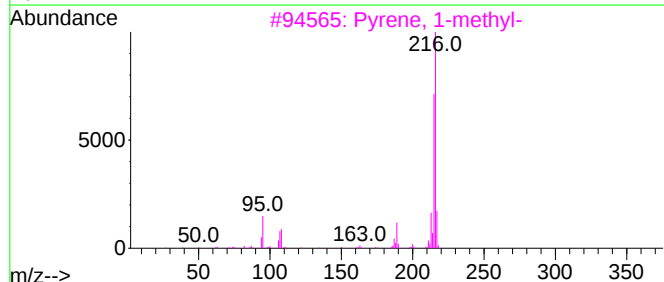
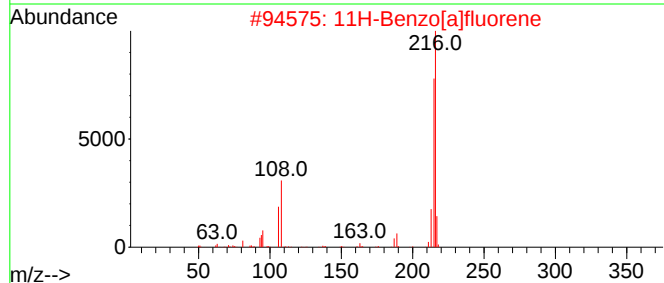
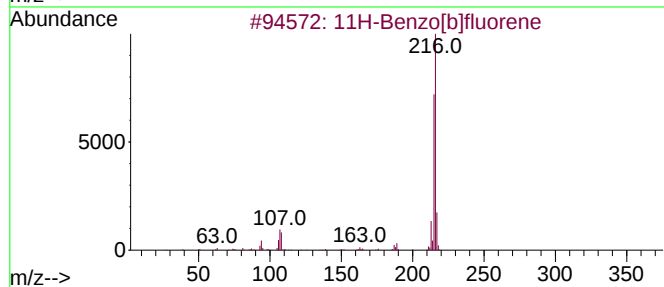
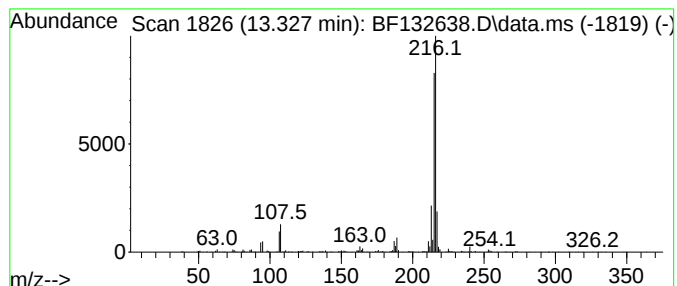
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TIC Integration Parameters: LSCINT.P

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Peak Number 19 11H-Benzo[b]fluorene Concentration Rank 16

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 13.327 | 6.58 ng | 701401 | Chrysene-d12     | 14.210 |

| Hit# | of 5 | Tentative ID            | MW  | MolForm | CAS#        | Qual |
|------|------|-------------------------|-----|---------|-------------|------|
| 1    |      | 11H-Benzo[b]fluorene    | 216 | C17H12  | 000243-17-4 | 94   |
| 2    |      | 11H-Benzo[a]fluorene    | 216 | C17H12  | 000238-84-6 | 91   |
| 3    |      | Pyrene, 1-methyl-       | 216 | C17H12  | 002381-21-7 | 91   |
| 4    |      | Pyrene, 2-methyl-       | 216 | C17H12  | 003442-78-2 | 90   |
| 5    |      | Fluoranthene, 2-methyl- | 216 | C17H12  | 033543-31-6 | 87   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF030323\  
Data File : BF132638.D  
Acq On : 03 Mar 2023 20:14  
Operator : CG\JU  
Sample : 01776-01  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TR-6-030223

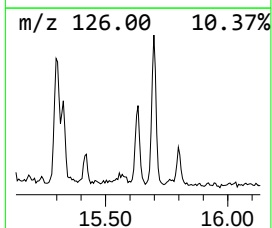
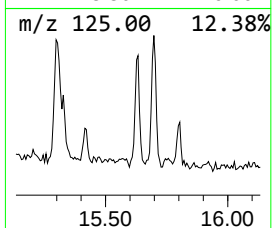
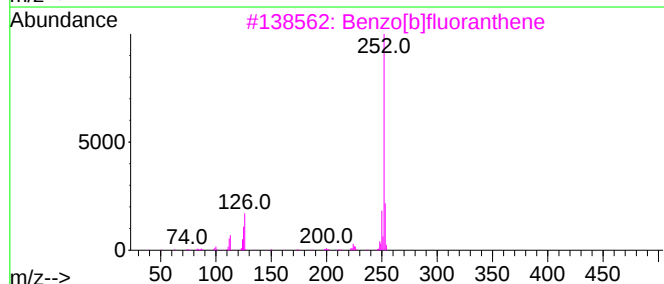
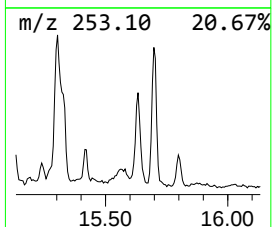
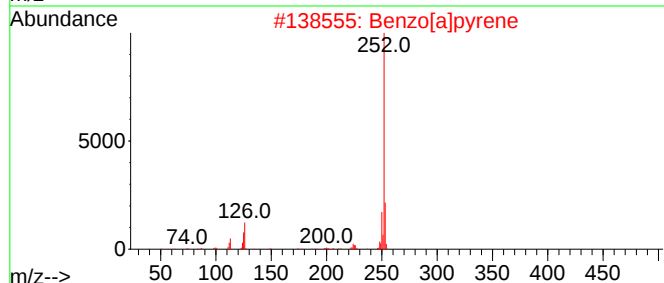
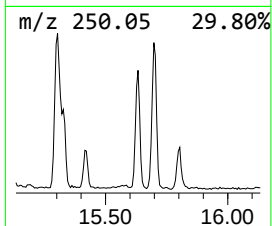
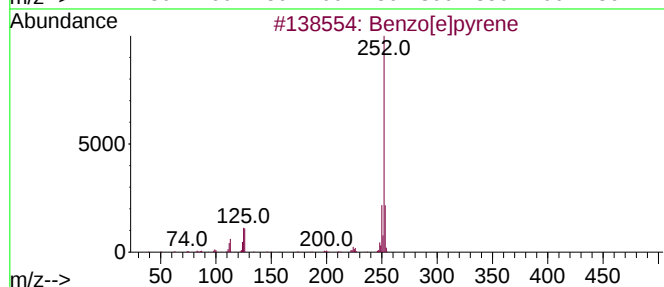
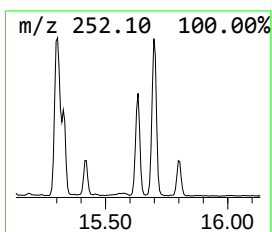
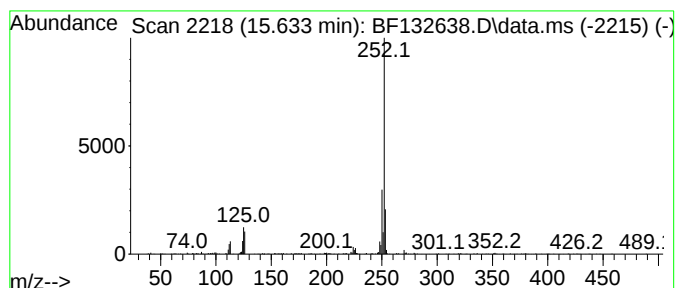
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 20 Benzo[e]pyrene Concentration Rank 9

| R.T.   | EstConc  | Area   | Relative to ISTD | R.T.   |
|--------|----------|--------|------------------|--------|
| 15.633 | 11.64 ng | 506363 | Perylene-d12     | 15.768 |

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



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF030323\  
Data File : BF132638.D  
Acq On : 03 Mar 2023 20:14  
Operator : CG\JU  
Sample : 01776-01  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TR-6-030223

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF022223.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 |
| 2-Pentanone, 4-... | 5.228  | 25.0    | ng    | 1315580  | 1                     | 6.998  | 1052030 | 20.0 |
| unknown8.569       | 8.569  | 11.8    | ng    | 661148   | 2                     | 8.286  | 1118350 | 20.0 |
| Octane, 2,6-dim... | 8.692  | 13.9    | ng    | 778936   | 2                     | 8.286  | 1118350 | 20.0 |
| Tridecane          | 8.863  | 6.0     | ng    | 333317   | 2                     | 8.286  | 1118350 | 20.0 |
| unknown9.192       | 9.192  | 9.3     | ng    | 449324   | 3                     | 10.045 | 964556  | 20.0 |
| Dodecane, 2,7,1... | 9.292  | 18.7    | ng    | 903617   | 3                     | 10.045 | 964556  | 20.0 |
| Carbonic acid, ... | 9.433  | 14.2    | ng    | 683168   | 3                     | 10.045 | 964556  | 20.0 |
| Naphthalene, 1,... | 9.622  | 7.2     | ng    | 347690   | 3                     | 10.045 | 964556  | 20.0 |
| Naphthalene, 1,... | 9.704  | 11.9    | ng    | 573519   | 3                     | 10.045 | 964556  | 20.0 |
| Tetradecane        | 9.751  | 24.6    | ng    | 1187690  | 3                     | 10.045 | 964556  | 20.0 |
| Naphthalene, 1,... | 10.286 | 6.3     | ng    | 303174   | 3                     | 10.045 | 964556  | 20.0 |
| Naphthalene, 1,... | 10.457 | 6.6     | ng    | 317721   | 3                     | 10.045 | 964556  | 20.0 |
| Dodecane           | 10.680 | 8.8     | ng    | 426771   | 3                     | 10.045 | 964556  | 20.0 |
| 2,6,10-Trimethy... | 10.951 | 8.6     | ng    | 532954   | 4                     | 11.545 | 1242150 | 20.0 |
| Phenanthrene, 2... | 12.051 | 7.8     | ng    | 483147   | 4                     | 11.545 | 1242150 | 20.0 |
| Anthracene, 2-m... | 12.074 | 6.3     | ng    | 392014   | 4                     | 11.545 | 1242150 | 20.0 |
| 4H-Cyclopenta[d... | 12.163 | 12.7    | ng    | 787899   | 4                     | 11.545 | 1242150 | 20.0 |
| 9,10-Dimethylan... | 12.598 | 5.9     | ng    | 366450   | 4                     | 11.545 | 1242150 | 20.0 |
| 11H-Benzo[b]flu... | 13.327 | 6.6     | ng    | 701401   | 5                     | 14.210 | 2132210 | 20.0 |
| Benzo[e]pyrene     | 15.633 | 11.6    | ng    | 506363   | 6                     | 15.768 | 869901  | 20.0 |