

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF042623\  
 Data File : BF133085.D  
 Acq On : 27 Apr 2023 01:37  
 Operator : CG\JU  
 Sample : 02484-01  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 CRCA-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-BF042123.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF133085.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         | 4.263       | 363           | 370         | 377          | rBV      | 782769         | 903753        | 27.44%          | 1.967%        |
| 2         | 4.916       | 475           | 481         | 484          | rBV      | 1203346        | 1286032       | 39.05%          | 2.799%        |
| 3         | 5.339       | 542           | 553         | 560          | rBV      | 752967         | 713495        | 21.67%          | 1.553%        |
| 4         | 6.269       | 708           | 711         | 714          | rBV2     | 73503          | 84346         | 2.56%           | 0.184%        |
| 5         | 6.369       | 724           | 728         | 733          | rBV      | 2386788        | 2365129       | 71.82%          | 5.147%        |
| 6         | 6.580       | 758           | 764         | 770          | rBV2     | 320170         | 291563        | 8.85%           | 0.635%        |
| 7         | 6.733       | 787           | 790         | 793          | rBV      | 1417807        | 1096649       | 33.30%          | 2.387%        |
| 8         | 6.757       | 793           | 794         | 798          | rVB2     | 130094         | 77883         | 2.36%           | 0.169%        |
| 9         | 6.886       | 813           | 816         | 820          | rBV2     | 83583          | 84124         | 2.55%           | 0.183%        |
| 10        | 7.022       | 835           | 839         | 841          | rVB3     | 87338          | 99063         | 3.01%           | 0.216%        |
| 11        | 7.051       | 841           | 844         | 847          | rBV3     | 96705          | 98754         | 3.00%           | 0.215%        |
| 12        | 7.133       | 854           | 858         | 861          | rBV      | 152921         | 128266        | 3.89%           | 0.279%        |
| 13        | 7.298       | 878           | 886         | 889          | rBV      | 2296924        | 2008234       | 60.98%          | 4.370%        |
| 14        | 7.345       | 891           | 894         | 897          | rVV      | 531861         | 413415        | 12.55%          | 0.900%        |
| 15        | 7.386       | 897           | 901         | 904          | rVB4     | 82101          | 114913        | 3.49%           | 0.250%        |
| 16        | 7.457       | 910           | 913         | 917          | rVV3     | 76471          | 82196         | 2.50%           | 0.179%        |
| 17        | 7.510       | 917           | 922         | 923          | rVV3     | 55105          | 77193         | 2.34%           | 0.168%        |
| 18        | 7.545       | 923           | 928         | 932          | rVB3     | 147160         | 204784        | 6.22%           | 0.446%        |
| 19        | 7.645       | 939           | 945         | 949          | rBV4     | 93222          | 209638        | 6.37%           | 0.456%        |
| 20        | 7.710       | 952           | 956         | 959          | rVV4     | 115796         | 138815        | 4.22%           | 0.302%        |
| 21        | 7.745       | 959           | 962         | 963          | rVV      | 141787         | 112702        | 3.42%           | 0.245%        |
| 22        | 7.780       | 966           | 968         | 974          | rVV4     | 159579         | 194241        | 5.90%           | 0.423%        |
| 23        | 7.927       | 990           | 993         | 1000         | rVV      | 1243258        | 1248880       | 37.92%          | 2.718%        |
| 24        | 7.980       | 1000          | 1002        | 1004         | rVV3     | 83961          | 82772         | 2.51%           | 0.180%        |
| 25        | 8.016       | 1004          | 1008        | 1011         | rVV2     | 1966971        | 1961736       | 59.57%          | 4.269%        |
| 26        | 8.039       | 1011          | 1012        | 1016         | rVV3     | 132145         | 124284        | 3.77%           | 0.270%        |
| 27        | 8.092       | 1019          | 1021        | 1023         | rVB      | 197846         | 132896        | 4.04%           | 0.289%        |
| 28        | 8.198       | 1032          | 1039        | 1040         | rBV4     | 68292          | 105019        | 3.19%           | 0.229%        |
| 29        | 8.216       | 1040          | 1042        | 1046         | rVB2     | 92811          | 103405        | 3.14%           | 0.225%        |
| 30        | 8.333       | 1057          | 1062        | 1067         | rVV4     | 307037         | 483432        | 14.68%          | 1.052%        |
| 31        | 8.374       | 1067          | 1069        | 1072         | rVB3     | 179742         | 139171        | 4.23%           | 0.303%        |
| 32        | 8.404       | 1072          | 1074        | 1077         | rVB2     | 206824         | 166510        | 5.06%           | 0.362%        |
| 33        | 8.451       | 1079          | 1082        | 1086         | rVB2     | 204485         | 196788        | 5.98%           | 0.428%        |
| 34        | 8.522       | 1091          | 1094        | 1098         | rBV2     | 255223         | 246634        | 7.49%           | 0.537%        |
| 35        | 8.622       | 1107          | 1111        | 1113         | rBV      | 747399         | 662876        | 20.13%          | 1.443%        |
| 36        | 8.680       | 1118          | 1121        | 1123         | rVB      | 148726         | 116254        | 3.53%           | 0.253%        |

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 Sample : 02484-01  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 CRCA-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-BF042123.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|    |       |      |      |      |      |        |        |       |        |
|----|-------|------|------|------|------|--------|--------|-------|--------|
| 37 | 8.733 | 1128 | 1130 | 1133 | rVB2 | 150599 | 135591 | 4.12% | 0.295% |
| 38 | 8.845 | 1142 | 1149 | 1151 | rBV3 | 228218 | 302500 | 9.19% | 0.658% |
| 39 | 8.904 | 1156 | 1159 | 1160 | rVV2 | 124184 | 105121 | 3.19% | 0.229% |
| 40 | 8.927 | 1160 | 1163 | 1165 | rVV3 | 87081  | 112099 | 3.40% | 0.244% |

|    |       |      |      |      |      |         |         |         |        |
|----|-------|------|------|------|------|---------|---------|---------|--------|
| 41 | 8.951 | 1165 | 1167 | 1171 | rVV4 | 92382   | 141329  | 4.29%   | 0.308% |
| 42 | 8.986 | 1171 | 1173 | 1175 | rVB  | 165195  | 127099  | 3.86%   | 0.277% |
| 43 | 9.021 | 1177 | 1179 | 1181 | rBV  | 102684  | 94557   | 2.87%   | 0.206% |
| 44 | 9.051 | 1181 | 1184 | 1188 | rVV2 | 237975  | 240915  | 7.32%   | 0.524% |
| 45 | 9.098 | 1188 | 1192 | 1195 | rVV  | 3906618 | 3293179 | 100.00% | 7.167% |

|    |       |      |      |      |      |        |        |        |        |
|----|-------|------|------|------|------|--------|--------|--------|--------|
| 46 | 9.186 | 1203 | 1207 | 1211 | rVV  | 866903 | 816111 | 24.78% | 1.776% |
| 47 | 9.245 | 1212 | 1217 | 1219 | rVV2 | 178782 | 218523 | 6.64%  | 0.476% |
| 48 | 9.351 | 1230 | 1235 | 1241 | rBV4 | 128890 | 227863 | 6.92%  | 0.496% |
| 49 | 9.410 | 1242 | 1245 | 1246 | rVV2 | 90353  | 85360  | 2.59%  | 0.186% |
| 50 | 9.433 | 1246 | 1249 | 1251 | rVV2 | 200438 | 240300 | 7.30%  | 0.523% |

|    |       |      |      |      |      |        |        |        |        |
|----|-------|------|------|------|------|--------|--------|--------|--------|
| 51 | 9.457 | 1251 | 1253 | 1255 | rVV2 | 194896 | 166612 | 5.06%  | 0.363% |
| 52 | 9.504 | 1255 | 1261 | 1263 | rVV3 | 343361 | 444732 | 13.50% | 0.968% |
| 53 | 9.521 | 1263 | 1264 | 1267 | rVV2 | 215228 | 193453 | 5.87%  | 0.421% |
| 54 | 9.557 | 1267 | 1270 | 1273 | rVB3 | 166904 | 198265 | 6.02%  | 0.431% |
| 55 | 9.710 | 1294 | 1296 | 1299 | rVV  | 859685 | 710388 | 21.57% | 1.546% |

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 56 | 9.739  | 1299 | 1301 | 1302 | rVV  | 120868  | 107611  | 3.27%  | 0.234% |
| 57 | 9.769  | 1303 | 1306 | 1309 | rVV  | 1709597 | 1462990 | 44.42% | 3.184% |
| 58 | 9.951  | 1332 | 1337 | 1339 | rBV5 | 111181  | 190741  | 5.79%  | 0.415% |
| 59 | 9.974  | 1339 | 1341 | 1344 | rVV2 | 180164  | 161162  | 4.89%  | 0.351% |
| 60 | 10.004 | 1344 | 1346 | 1349 | rVV2 | 65099   | 97916   | 2.97%  | 0.213% |

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 61 | 10.033 | 1349 | 1351 | 1355 | rVB4 | 172636 | 169349 | 5.14%  | 0.369% |
| 62 | 10.210 | 1378 | 1381 | 1384 | rVV  | 903331 | 732695 | 22.25% | 1.595% |
| 63 | 10.268 | 1388 | 1391 | 1396 | rVB4 | 75228  | 101230 | 3.07%  | 0.220% |
| 64 | 10.316 | 1396 | 1399 | 1400 | rBV2 | 100286 | 85380  | 2.59%  | 0.186% |
| 65 | 10.433 | 1412 | 1419 | 1421 | rBV  | 328596 | 418191 | 12.70% | 0.910% |

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 66 | 10.480 | 1424 | 1427 | 1430 | rVB  | 1040968 | 797592  | 24.22% | 1.736% |
| 67 | 10.516 | 1430 | 1433 | 1436 | rBV3 | 102414  | 114844  | 3.49%  | 0.250% |
| 68 | 10.551 | 1436 | 1439 | 1444 | rVB5 | 190826  | 198386  | 6.02%  | 0.432% |
| 69 | 10.686 | 1459 | 1462 | 1469 | rBV2 | 786330  | 1079837 | 32.79% | 2.350% |
| 70 | 10.745 | 1469 | 1472 | 1475 | rVV  | 252709  | 265471  | 8.06%  | 0.578% |

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 71 | 10.786 | 1475 | 1479 | 1481 | rVV2 | 230909 | 329769 | 10.01% | 0.718% |
| 72 | 10.816 | 1481 | 1484 | 1486 | rVV2 | 231453 | 277218 | 8.42%  | 0.603% |
| 73 | 10.839 | 1486 | 1488 | 1490 | rVV  | 151872 | 142327 | 4.32%  | 0.310% |
| 74 | 10.880 | 1491 | 1495 | 1496 | rVV  | 185732 | 237989 | 7.23%  | 0.518% |
| 75 | 10.921 | 1499 | 1502 | 1507 | rVV4 | 233826 | 402153 | 12.21% | 0.875% |

|    |        |      |      |      |     |        |        |        |        |
|----|--------|------|------|------|-----|--------|--------|--------|--------|
| 76 | 10.963 | 1507 | 1509 | 1514 | rVV | 276667 | 377531 | 11.46% | 0.822% |
|----|--------|------|------|------|-----|--------|--------|--------|--------|

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 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 CRCA-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-BF042123.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|     |        |      |      |      |      |         |         |        |        |
|-----|--------|------|------|------|------|---------|---------|--------|--------|
| 77  | 11.004 | 1514 | 1516 | 1521 | rVB3 | 216632  | 248399  | 7.54%  | 0.541% |
| 78  | 11.133 | 1535 | 1538 | 1540 | rBV  | 645448  | 545399  | 16.56% | 1.187% |
| 79  | 11.163 | 1540 | 1543 | 1549 | rVB2 | 287723  | 301314  | 9.15%  | 0.656% |
| 80  | 11.251 | 1555 | 1558 | 1560 | rBV  | 1437874 | 1178133 | 35.77% | 2.564% |
| 81  | 11.274 | 1560 | 1562 | 1565 | rVV  | 545214  | 401974  | 12.21% | 0.875% |
| 82  | 11.321 | 1567 | 1570 | 1573 | rVB2 | 152518  | 165845  | 5.04%  | 0.361% |
| 83  | 11.557 | 1607 | 1610 | 1613 | rBV  | 561089  | 428812  | 13.02% | 0.933% |
| 84  | 11.657 | 1624 | 1627 | 1632 | rVB  | 513435  | 449554  | 13.65% | 0.978% |
| 85  | 11.786 | 1646 | 1649 | 1652 | rVB2 | 171598  | 180303  | 5.48%  | 0.392% |
| 86  | 11.862 | 1658 | 1662 | 1664 | rBV2 | 146434  | 176439  | 5.36%  | 0.384% |
| 87  | 11.962 | 1676 | 1679 | 1682 | rBV  | 448859  | 349324  | 10.61% | 0.760% |
| 88  | 12.062 | 1694 | 1696 | 1703 | rVB4 | 160948  | 199406  | 6.06%  | 0.434% |
| 89  | 12.304 | 1734 | 1737 | 1740 | rBV2 | 123937  | 133076  | 4.04%  | 0.290% |
| 90  | 12.339 | 1740 | 1743 | 1745 | rBV  | 1386255 | 1366433 | 41.49% | 2.974% |
| 91  | 12.362 | 1745 | 1747 | 1750 | rVB2 | 1530555 | 1233727 | 37.46% | 2.685% |
| 92  | 12.462 | 1759 | 1764 | 1767 | rBV2 | 535323  | 660267  | 20.05% | 1.437% |
| 93  | 12.686 | 1799 | 1802 | 1805 | rBV  | 420773  | 372411  | 11.31% | 0.810% |
| 94  | 12.727 | 1806 | 1809 | 1811 | rBV2 | 351438  | 269864  | 8.19%  | 0.587% |
| 95  | 12.839 | 1824 | 1828 | 1831 | rBV  | 3173468 | 2721169 | 82.63% | 5.922% |
| 96  | 13.080 | 1867 | 1869 | 1873 | rVB  | 303081  | 272933  | 8.29%  | 0.594% |
| 97  | 13.427 | 1925 | 1928 | 1930 | rBV  | 251760  | 242139  | 7.35%  | 0.527% |
| 98  | 13.886 | 2002 | 2006 | 2009 | rBV2 | 1103872 | 1128908 | 34.28% | 2.457% |
| 99  | 14.068 | 2035 | 2037 | 2040 | rVB  | 222586  | 191535  | 5.82%  | 0.417% |
| 100 | 15.309 | 2245 | 2248 | 2251 | rBV  | 543704  | 572205  | 17.38% | 1.245% |

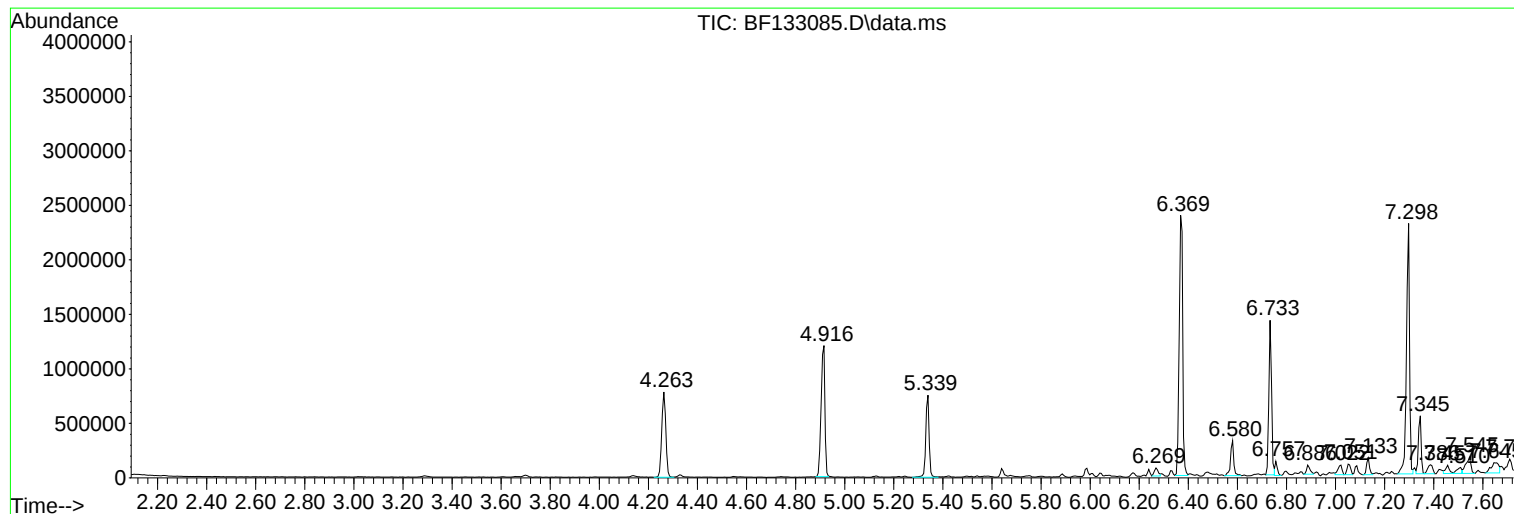
Sum of corrected areas: 45949793

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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF042123.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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Instrument :  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF042123.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

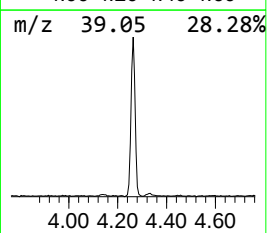
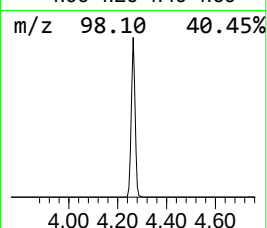
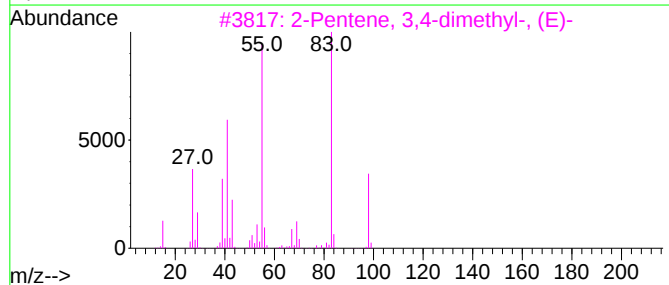
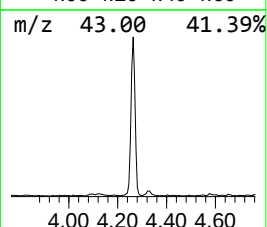
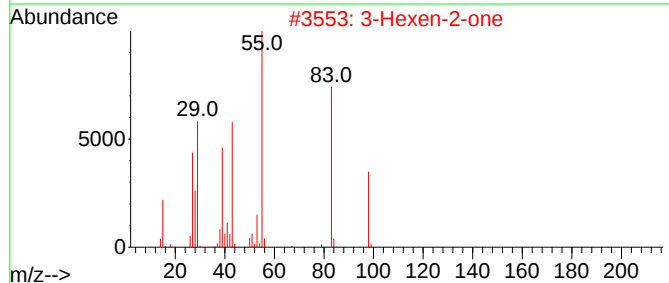
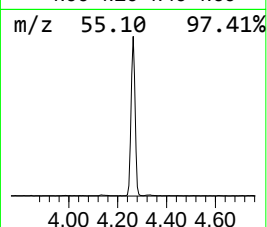
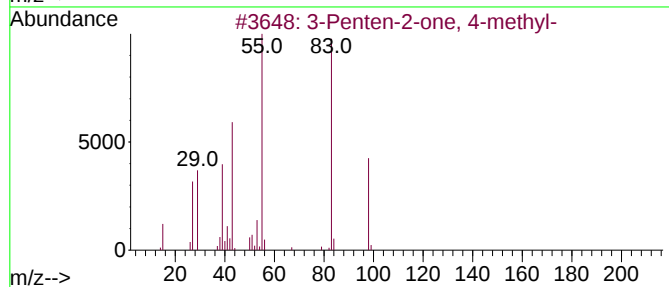
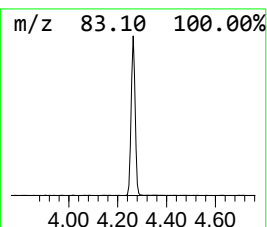
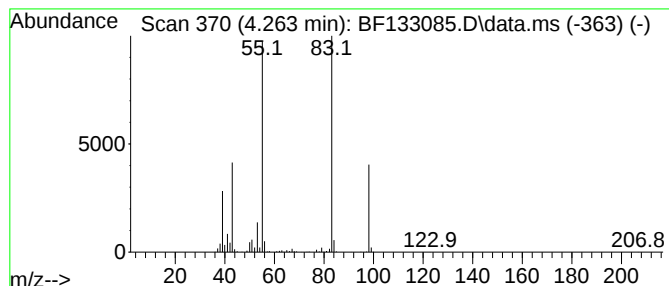
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 5

| R.T.  | EstConc  | Area   | Relative to ISTD       | R.T.  |
|-------|----------|--------|------------------------|-------|
| 4.263 | 16.48 ng | 903753 | 1,4-Dichlorobenzene-d4 | 6.733 |

| Hit# | of 5 | Tentative ID                   | MW | MolForm | CAS#        | Qual |
|------|------|--------------------------------|----|---------|-------------|------|
| 1    |      | 3-Penten-2-one, 4-methyl-      | 98 | C6H10O  | 000141-79-7 | 91   |
| 2    |      | 3-Hexen-2-one                  | 98 | C6H10O  | 000763-93-9 | 91   |
| 3    |      | 2-Pentene, 3,4-dimethyl-, (E)- | 98 | C7H14   | 004914-92-5 | 90   |
| 4    |      | 2-Pentene, 3,4-dimethyl-, (Z)- | 98 | C7H14   | 004914-91-4 | 86   |
| 5    |      | Cyclohexane, methyl-           | 98 | C7H14   | 000108-87-2 | 80   |



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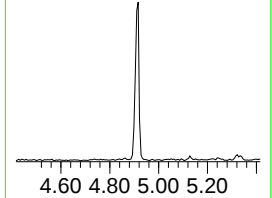
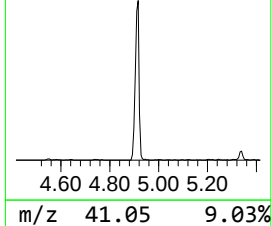
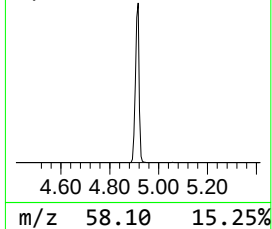
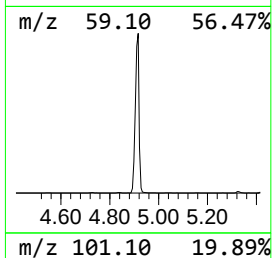
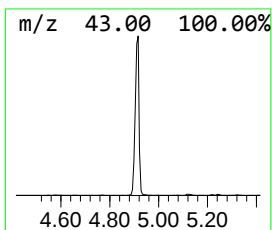
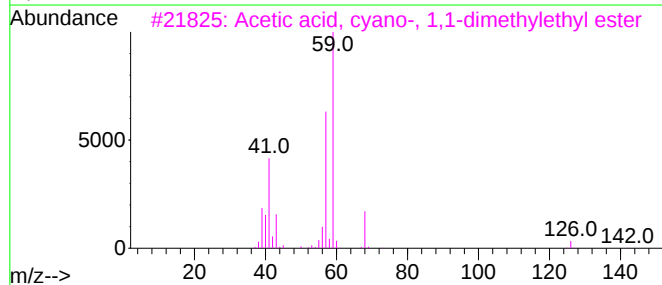
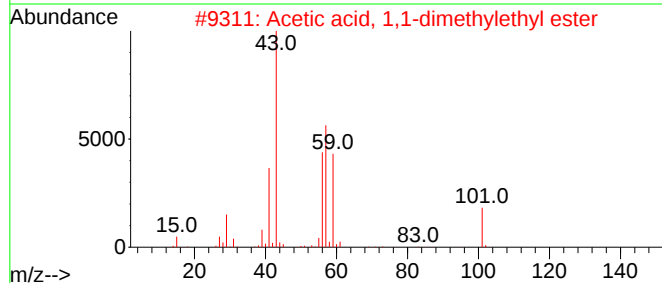
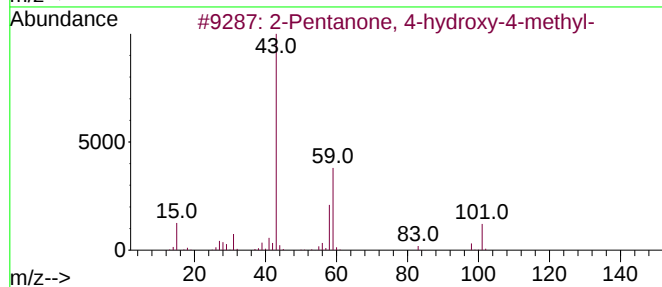
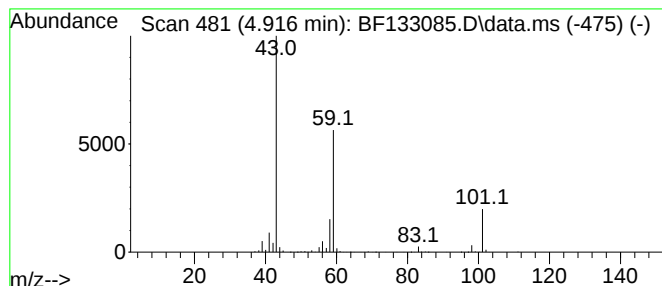
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

| R.T.      | EstConc                             | Area    | Relative to ISTD       | R.T.        |      |
|-----------|-------------------------------------|---------|------------------------|-------------|------|
| 4.916     | 23.45 ng                            | 1286030 | 1,4-Dichlorobenzene-d4 | 6.733       |      |
| Hit# of 5 | Tentative ID                        | MW      | MolForm                | CAS#        | Qual |
| 1         | 2-Pentanone, 4-hydroxy-4-methyl-    | 116     | C6H12O2                | 000123-42-2 | 47   |
| 2         | Acetic acid, 1,1-dimethylethyl e... | 116     | C6H12O2                | 000540-88-5 | 39   |
| 3         | Acetic acid, cyano-, 1,1-dimethy... | 141     | C7H11NO2               | 001116-98-9 | 25   |
| 4         | 1-Propen-2-ol, acetate              | 100     | C5H8O2                 | 000108-22-5 | 10   |
| 5         | 2,3-Butanedione, monooxime          | 101     | C4H7NO2                | 000057-71-6 | 9    |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF042623\  
Data File : BF133085.D  
Acq On : 27 Apr 2023 01:37  
Operator : CG\JU  
Sample : 02484-01  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
CRCA-1

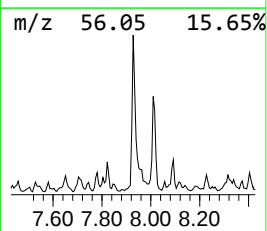
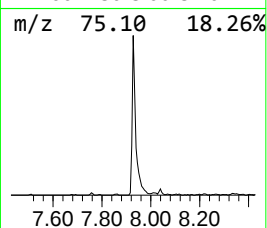
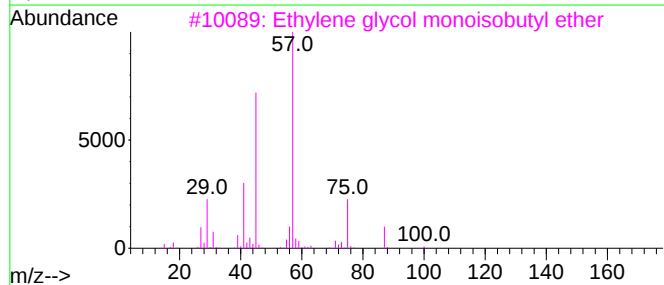
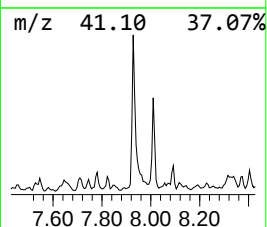
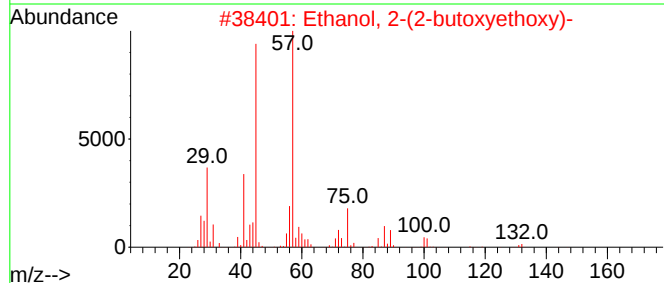
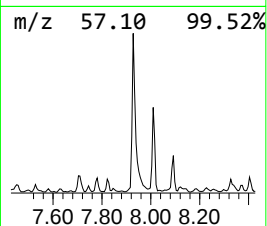
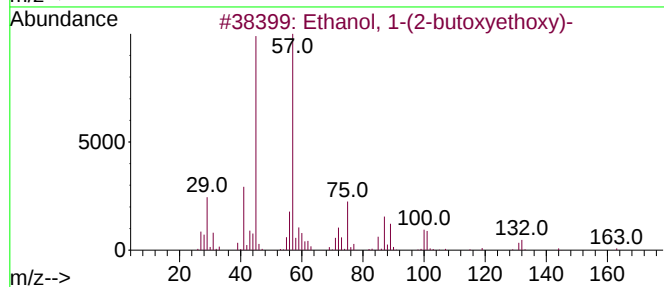
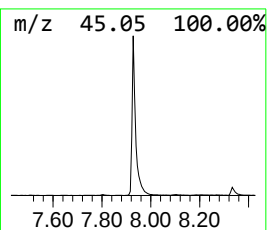
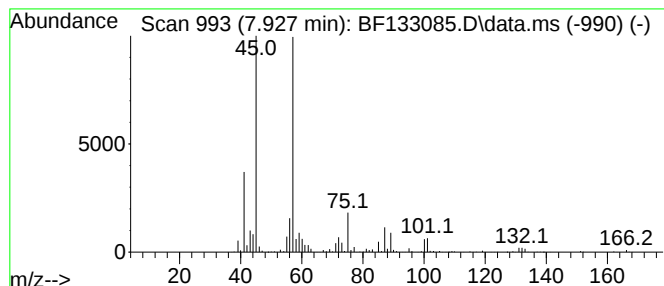
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 3 Ethanol, 1-(2-butoxyethoxy)- Concentration Rank 6

| R.T.  | EstConc  | Area    | Relative to ISTD | R.T.  |
|-------|----------|---------|------------------|-------|
| 7.927 | 12.73 ng | 1248880 | Naphthalene-d8   | 8.022 |

| Hit# | of | 5 | Tentative ID                         | MW  | MolForm  | CAS#        | Qual |
|------|----|---|--------------------------------------|-----|----------|-------------|------|
| 1    |    |   | Ethanol, 1-(2-butoxyethoxy)-         | 162 | C8H18O3  | 054446-78-5 | 90   |
| 2    |    |   | Ethanol, 2-(2-butoxyethoxy)-         | 162 | C8H18O3  | 000112-34-5 | 90   |
| 3    |    |   | Ethylene glycol monoisobutyl ether   | 118 | C6H14O2  | 004439-24-1 | 64   |
| 4    |    |   | Di-sec-Butyl ether                   | 130 | C8H18O   | 006863-58-7 | 53   |
| 5    |    |   | Butane, 1,1'-[ethylidenebis(oxy)...] | 174 | C10H22O2 | 000871-22-7 | 53   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF042623\  
Data File : BF133085.D  
Acq On : 27 Apr 2023 01:37  
Operator : CG\JU  
Sample : 02484-01  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
CRCA-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF042123.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

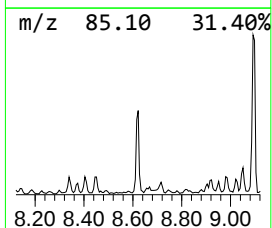
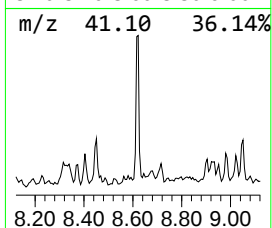
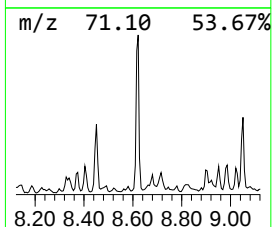
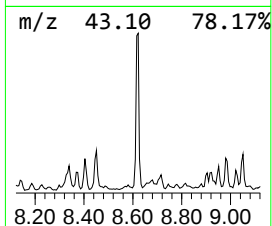
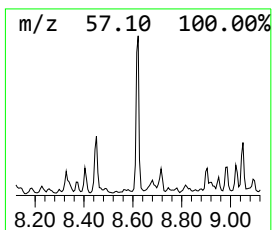
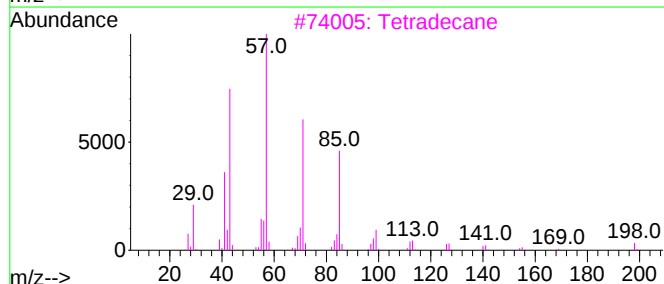
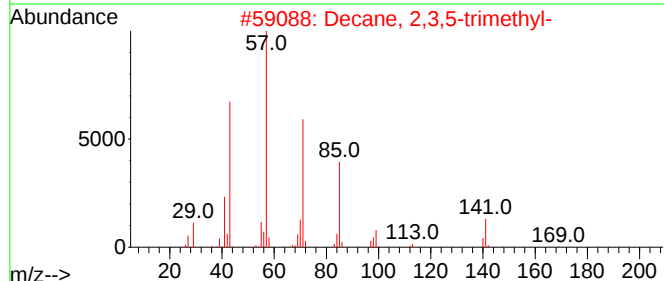
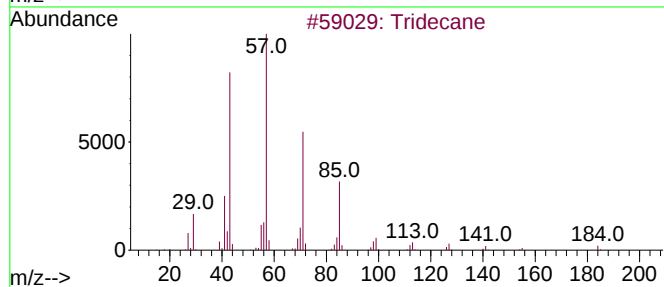
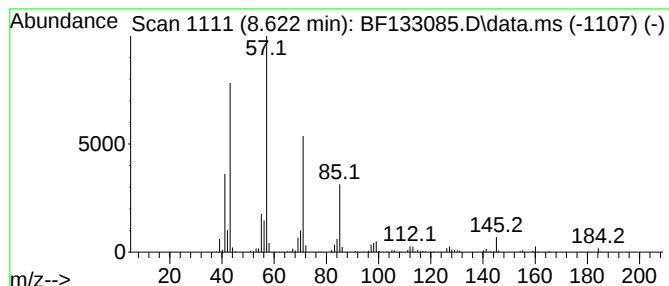
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TIC Integration Parameters: LSCINT.P

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Peak Number 4 Tridecane Concentration Rank 15

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 8.622 | 6.76 ng | 662876 | Naphthalene-d8   | 8.022 |

| Hit# | of | 5 | Tentative ID             | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------------------|-----|---------|-------------|------|
| 1    |    |   | Tridecane                | 184 | C13H28  | 000629-50-5 | 95   |
| 2    |    |   | Decane, 2,3,5-trimethyl- | 184 | C13H28  | 062238-11-3 | 86   |
| 3    |    |   | Tetradecane              | 198 | C14H30  | 000629-59-4 | 86   |
| 4    |    |   | Pentadecane              | 212 | C15H32  | 000629-62-9 | 86   |
| 5    |    |   | Hexadecane               | 226 | C16H34  | 000544-76-3 | 86   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF042623\  
Data File : BF133085.D  
Acq On : 27 Apr 2023 01:37  
Operator : CG\JU  
Sample : 02484-01  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
CRCA-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF042123.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

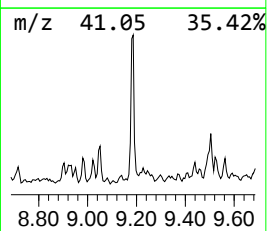
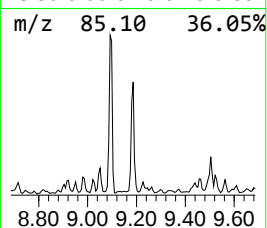
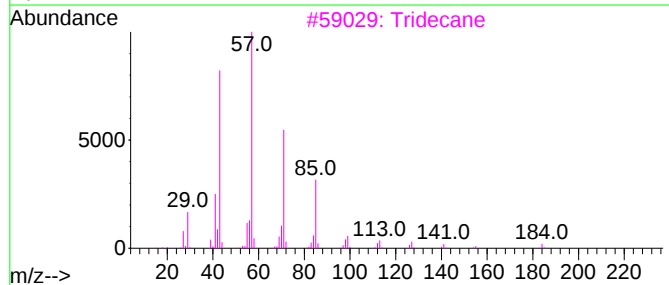
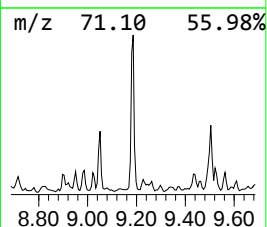
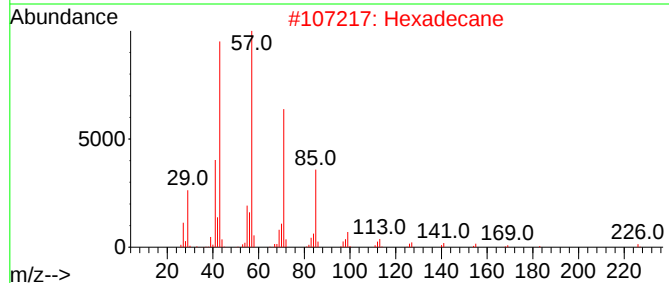
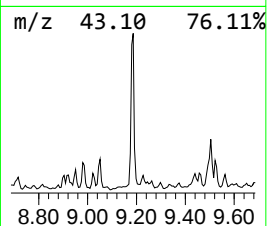
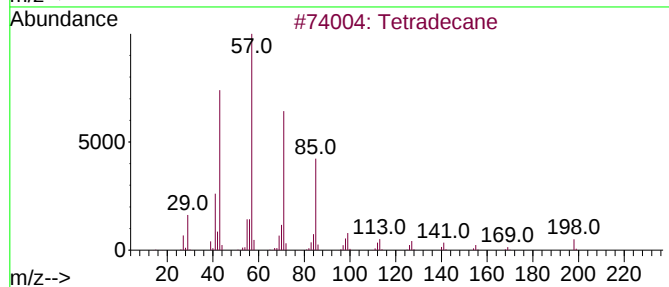
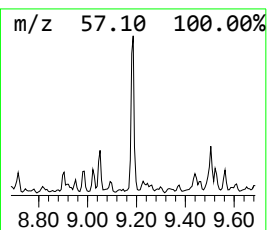
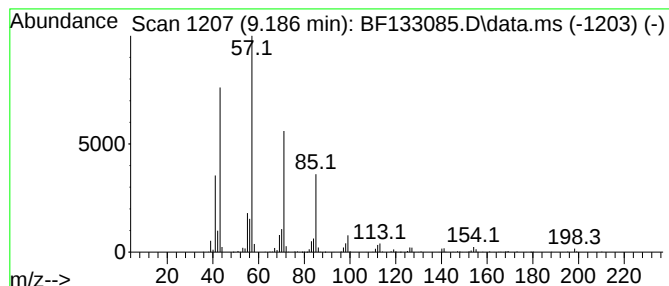
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TIC Integration Parameters: LSCINT.P

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Peak Number 5 Tetradecane Concentration Rank 7

| R.T.  | EstConc  | Area   | Relative to ISTD | R.T.  |
|-------|----------|--------|------------------|-------|
| 9.186 | 11.16 ng | 816111 | Acenaphthene-d10 | 9.768 |

| Hit# | of | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------|-----|---------|-------------|------|
| 1    |    |   | Tetradecane  | 198 | C14H30  | 000629-59-4 | 97   |
| 2    |    |   | Hexadecane   | 226 | C16H34  | 000544-76-3 | 91   |
| 3    |    |   | Tridecane    | 184 | C13H28  | 000629-50-5 | 90   |
| 4    |    |   | Nonadecane   | 268 | C19H40  | 000629-92-5 | 90   |
| 5    |    |   | Undecane     | 156 | C11H24  | 001120-21-4 | 90   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF042623\  
Data File : BF133085.D  
Acq On : 27 Apr 2023 01:37  
Operator : CG\JU  
Sample : 02484-01  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
CRCA-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF042123.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

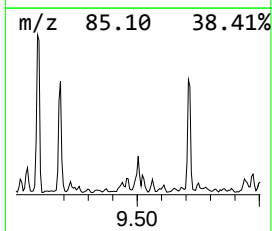
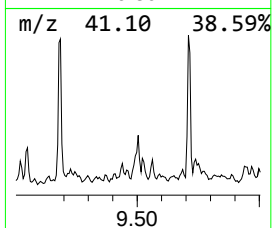
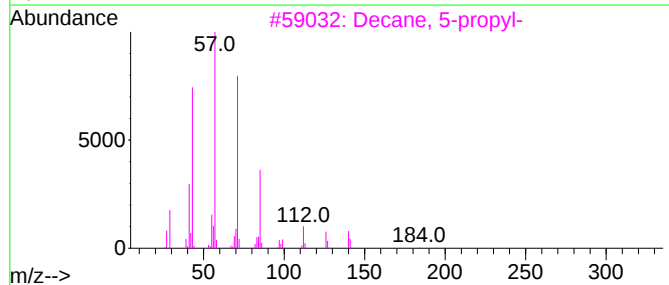
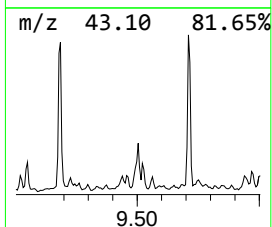
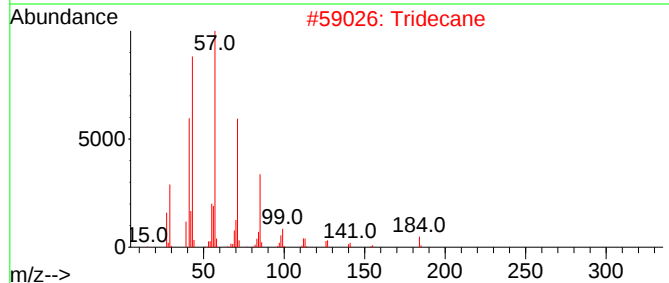
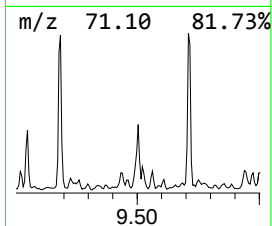
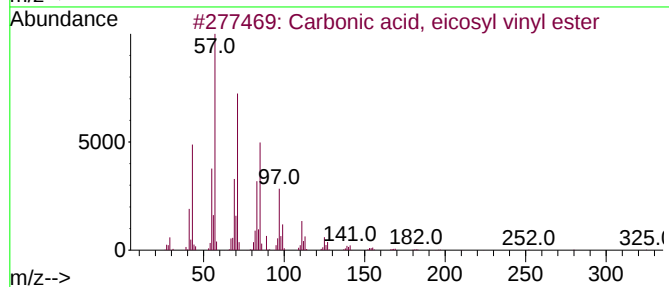
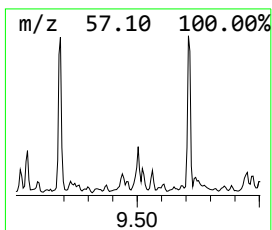
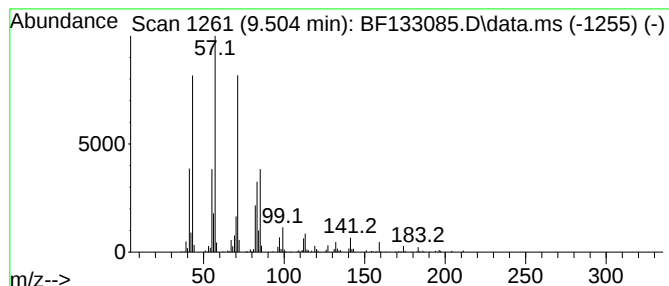
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 6 Carbonic acid, eicosyl vinyl... Concentration Rank 17

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 9.504 | 6.08 ng | 444732 | Acenaphthene-d10 | 9.768 |

| Hit# | of | 5 | Tentative ID                       | MW  | MolForm  | CAS#         | Qual |
|------|----|---|------------------------------------|-----|----------|--------------|------|
| 1    |    |   | Carbonic acid, eicosyl vinyl ester | 368 | C23H44O3 | 1000382-54-3 | 80   |
| 2    |    |   | Tridecane                          | 184 | C13H28   | 000629-50-5  | 76   |
| 3    |    |   | Decane, 5-propyl-                  | 184 | C13H28   | 017312-62-8  | 68   |
| 4    |    |   | 2,6,10-Trimethyltridecane          | 226 | C16H34   | 003891-99-4  | 68   |
| 5    |    |   | Hexadecane                         | 226 | C16H34   | 000544-76-3  | 64   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF042623\  
Data File : BF133085.D  
Acq On : 27 Apr 2023 01:37  
Operator : CG\JU  
Sample : 02484-01  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
CRCA-1

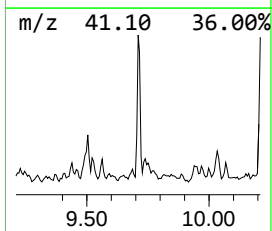
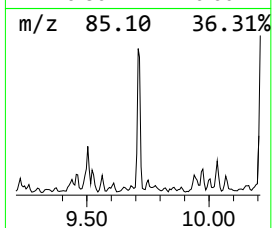
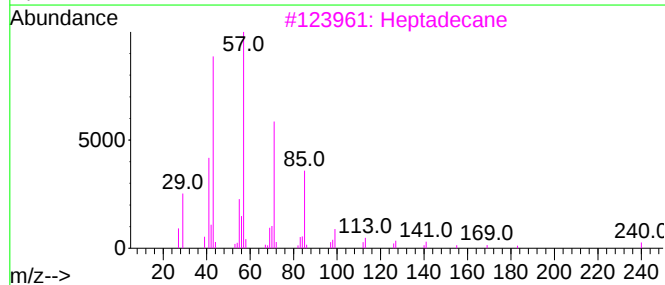
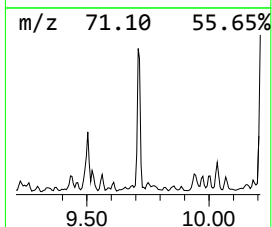
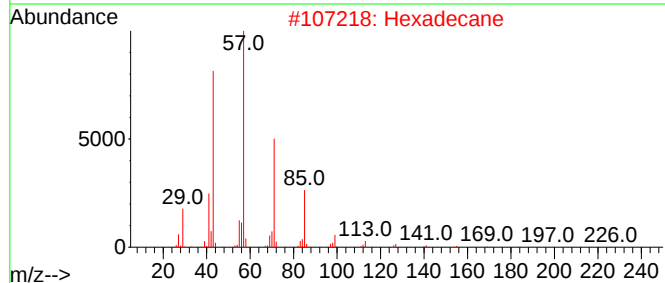
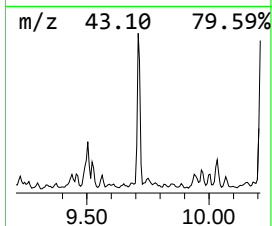
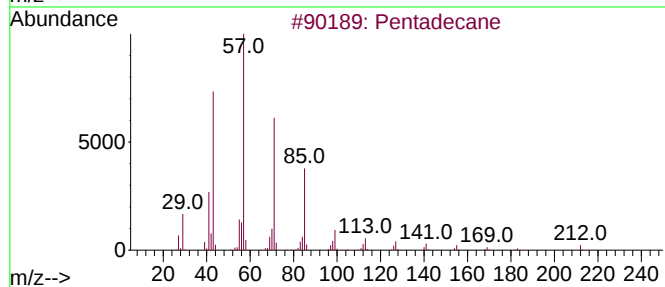
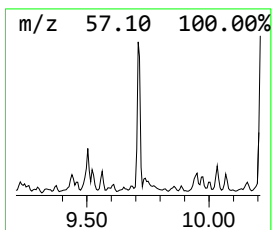
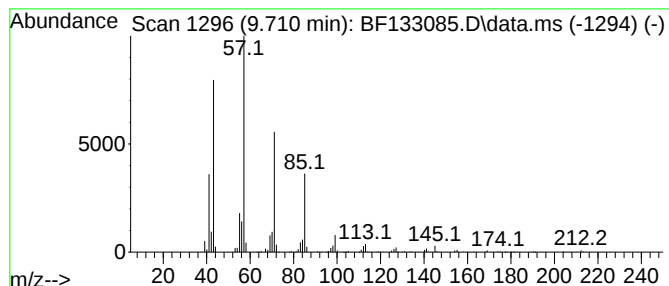
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 7 Pentadecane Concentration Rank 10

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 9.710 | 9.71 ng | 710388 | Acenaphthene-d10 | 9.768 |

| Hit# | of | 5 | Tentative ID     | MW  | MolForm  | CAS#        | Qual |
|------|----|---|------------------|-----|----------|-------------|------|
| 1    |    |   | Pentadecane      | 212 | C15H32   | 000629-62-9 | 95   |
| 2    |    |   | Hexadecane       | 226 | C16H34   | 000544-76-3 | 91   |
| 3    |    |   | Heptadecane      | 240 | C17H36   | 000629-78-7 | 90   |
| 4    |    |   | Tridecane        | 184 | C13H28   | 000629-50-5 | 86   |
| 5    |    |   | Decane, 3-bromo- | 220 | C10H21Br | 030571-71-2 | 80   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF042623\  
Data File : BF133085.D  
Acq On : 27 Apr 2023 01:37  
Operator : CG\JU  
Sample : 02484-01  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
CRCA-1

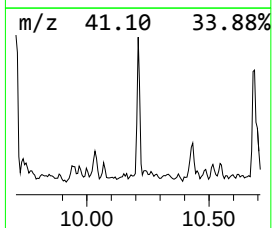
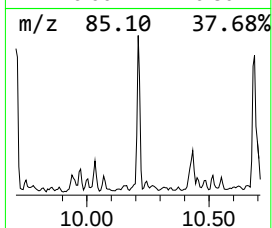
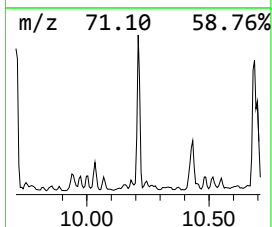
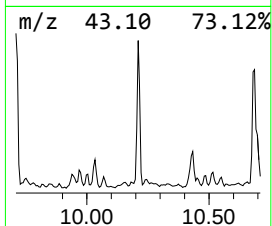
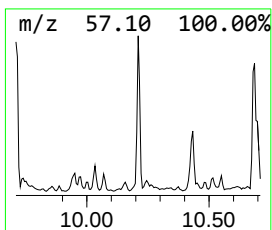
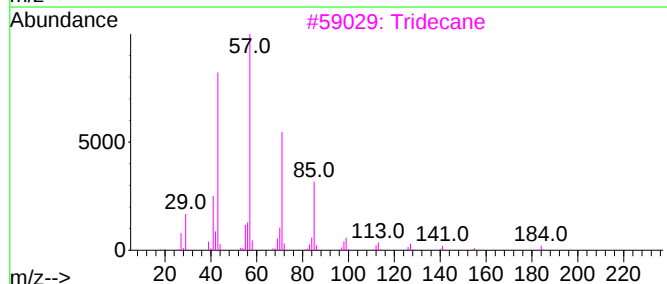
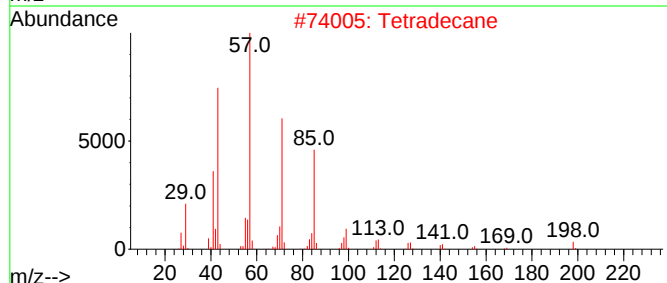
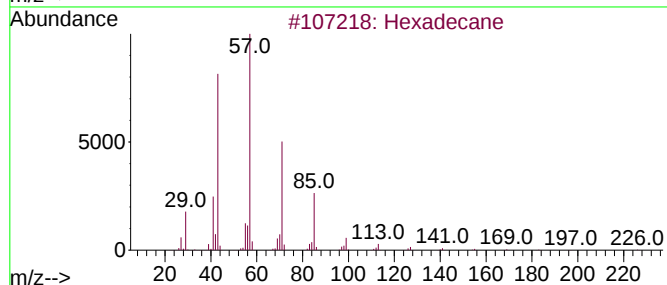
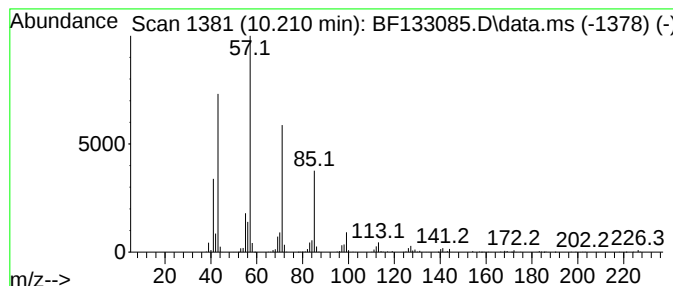
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 8 Hexadecane Concentration Rank 9

| R.T.   | EstConc  | Area   | Relative to ISTD | R.T.  |
|--------|----------|--------|------------------|-------|
| 10.210 | 10.02 ng | 732695 | Acenaphthene-d10 | 9.768 |

| Hit# | of 5 | Tentative ID           | MW  | MolForm | CAS#        | Qual |
|------|------|------------------------|-----|---------|-------------|------|
| 1    |      | Hexadecane             | 226 | C16H34  | 000544-76-3 | 97   |
| 2    |      | Tetradecane            | 198 | C14H30  | 000629-59-4 | 90   |
| 3    |      | Tridecane              | 184 | C13H28  | 000629-50-5 | 90   |
| 4    |      | Pentadecane, 7-methyl- | 226 | C16H34  | 006165-40-8 | 87   |
| 5    |      | Pentadecane            | 212 | C15H32  | 000629-62-9 | 86   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF042623\  
Data File : BF133085.D  
Acq On : 27 Apr 2023 01:37  
Operator : CG\JU  
Sample : 02484-01  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
CRCA-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF042123.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

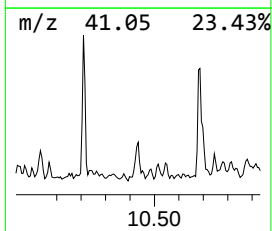
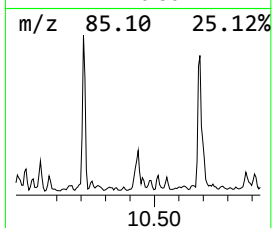
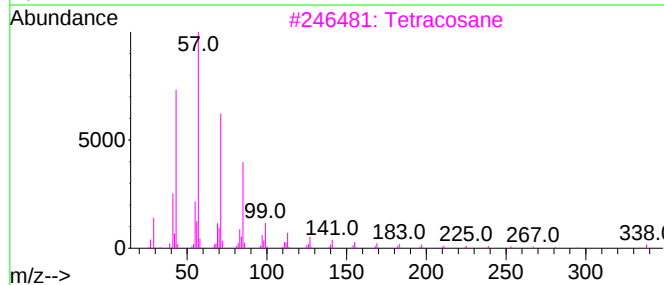
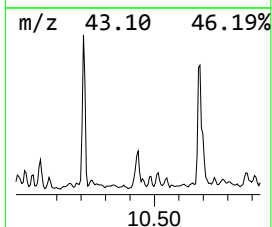
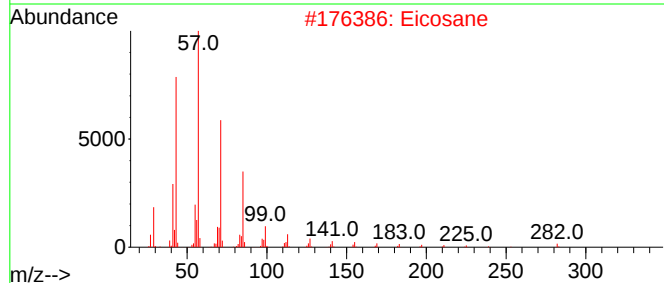
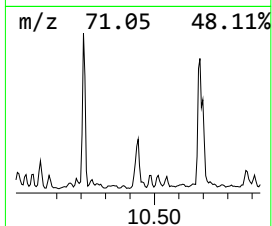
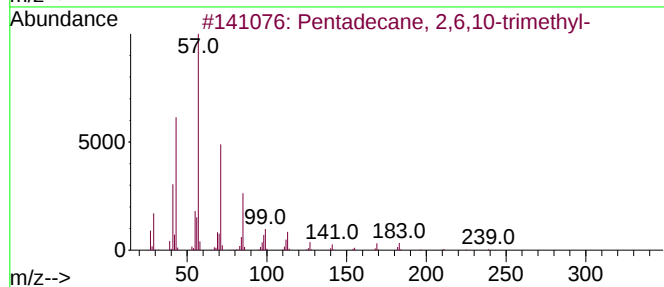
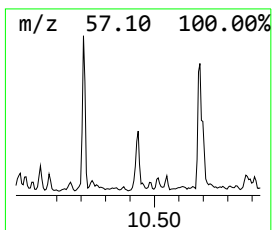
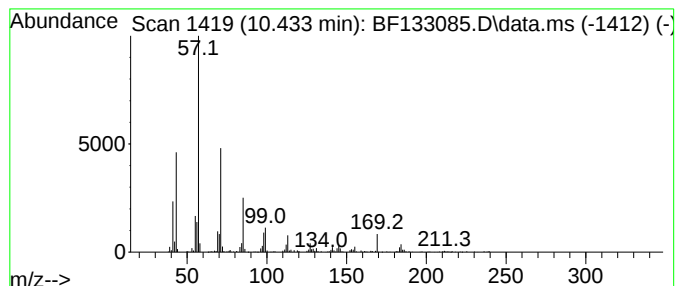
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TIC Integration Parameters: LSCINT.P

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Peak Number 9 Pentadecane, 2,6,10-trimethyl- Concentration Rank 19

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.  |
|--------|---------|--------|------------------|-------|
| 10.433 | 5.72 ng | 418191 | Acenaphthene-d10 | 9.768 |

| Hit# | of | 5 | Tentative ID                   | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------------------------|-----|---------|-------------|------|
| 1    |    |   | Pentadecane, 2,6,10-trimethyl- | 254 | C18H38  | 003892-00-0 | 87   |
| 2    |    |   | Eicosane                       | 282 | C20H42  | 000112-95-8 | 64   |
| 3    |    |   | Tetracosane                    | 338 | C24H50  | 000646-31-1 | 64   |
| 4    |    |   | Dodecane, 6-methyl-            | 184 | C13H28  | 006044-71-9 | 58   |
| 5    |    |   | Tetradecane                    | 198 | C14H30  | 000629-59-4 | 58   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF042623\  
Data File : BF133085.D  
Acq On : 27 Apr 2023 01:37  
Operator : CG\JU  
Sample : 02484-01  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
CRCA-1

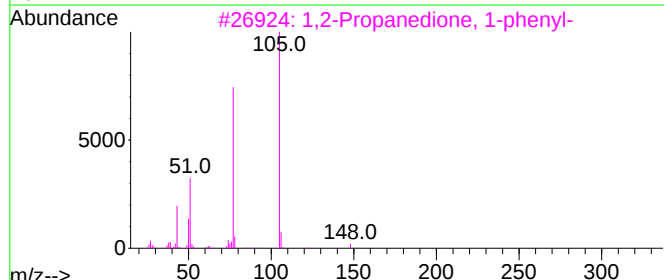
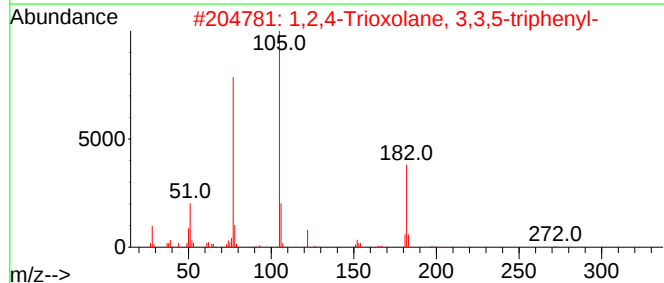
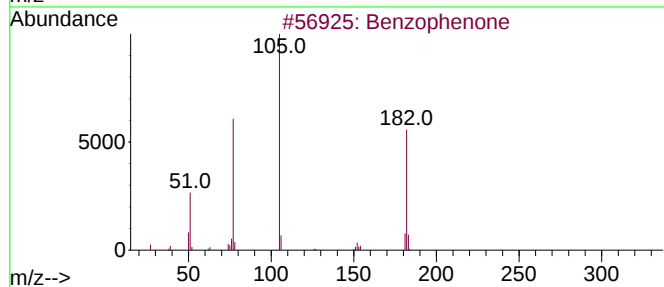
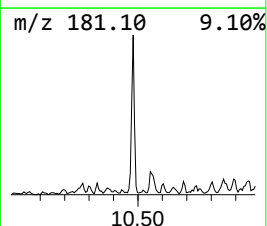
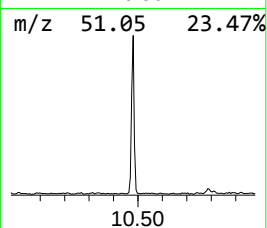
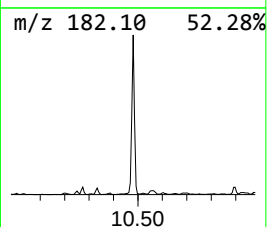
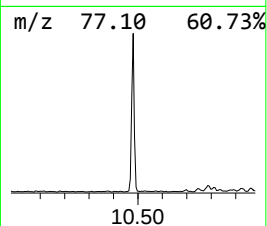
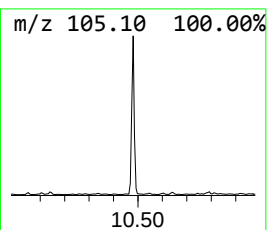
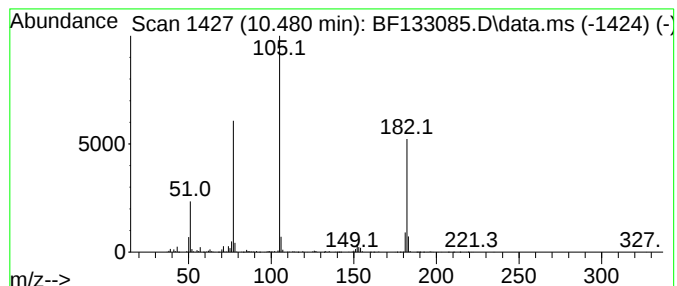
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 10 Benzophenone Concentration Rank 8

| R.T.   | EstConc  | Area   | Relative to ISTD | R.T.  |
|--------|----------|--------|------------------|-------|
| 10.480 | 10.90 ng | 797592 | Acenaphthene-d10 | 9.768 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm      | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|--------------|--------------|------|
| 1    |    |   | Benzophenone                        | 182 | C13H10O      | 000119-61-9  | 96   |
| 2    |    |   | 1,2,4-Trioxolane, 3,3,5-triphenyl-  | 304 | C20H16O3     | 023246-12-0  | 64   |
| 3    |    |   | 1,2-Propanedione, 1-phenyl-         | 148 | C9H8O2       | 000579-07-7  | 47   |
| 4    |    |   | N-Methylbenzamide, N-chlorodiflu... | 247 | C10H8ClF2NO2 | 1000446-98-2 | 47   |
| 5    |    |   | N-Methylbenzamide, N-trifluoroac... | 231 | C10H8F3NO2   | 1000446-91-5 | 47   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF042623\  
Data File : BF133085.D  
Acq On : 27 Apr 2023 01:37  
Operator : CG\JU  
Sample : 02484-01  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
CRCA-1

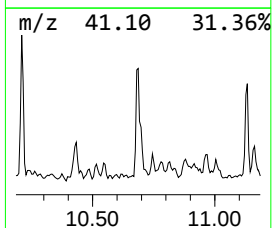
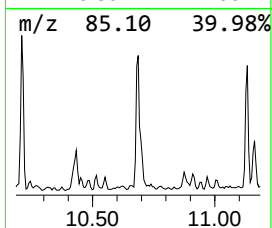
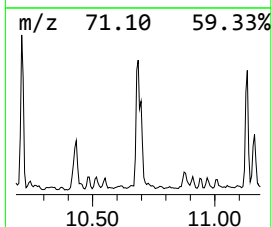
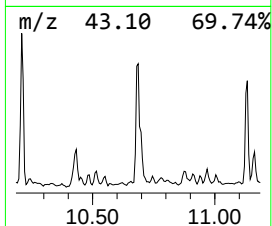
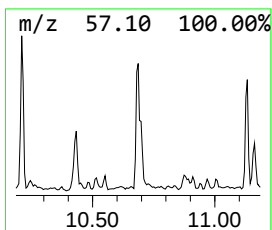
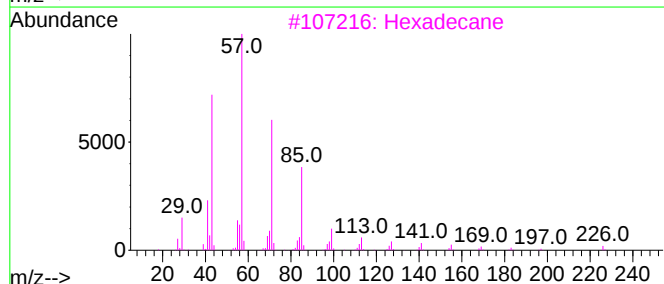
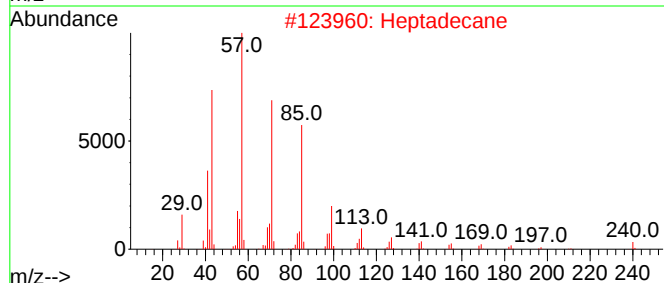
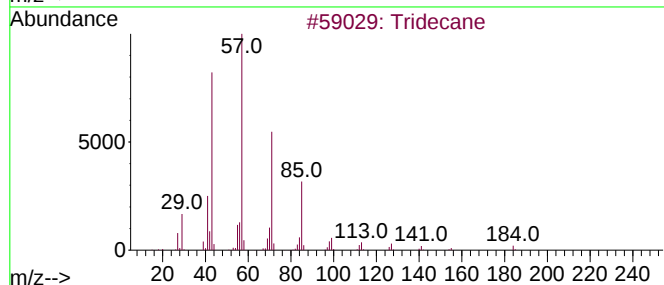
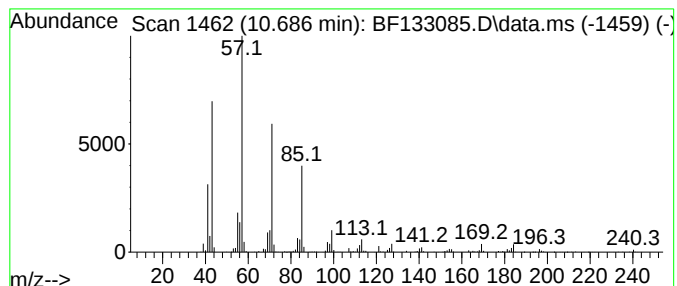
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 11 Heptadecane Concentration Rank 4

| R.T.   | EstConc  | Area    | Relative to ISTD | R.T.   |
|--------|----------|---------|------------------|--------|
| 10.686 | 18.33 ng | 1079840 | Phenanthrene-d10 | 11.251 |

| Hit# | of | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------|-----|---------|-------------|------|
| 1    |    |   | Tridecane    | 184 | C13H28  | 000629-50-5 | 96   |
| 2    |    |   | Heptadecane  | 240 | C17H36  | 000629-78-7 | 94   |
| 3    |    |   | Hexadecane   | 226 | C16H34  | 000544-76-3 | 87   |
| 4    |    |   | Heptacosane  | 380 | C27H56  | 000593-49-7 | 87   |
| 5    |    |   | Eicosane     | 282 | C20H42  | 000112-95-8 | 86   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF042623\  
Data File : BF133085.D  
Acq On : 27 Apr 2023 01:37  
Operator : CG\JU  
Sample : 02484-01  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
CRCA-1

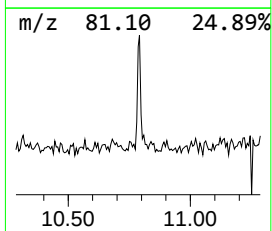
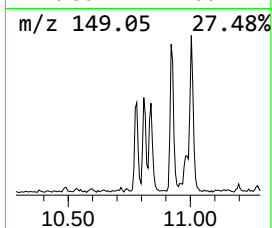
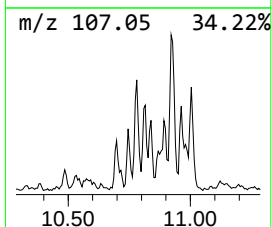
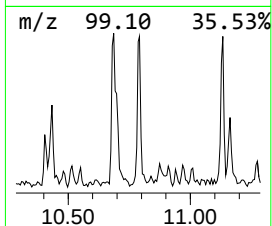
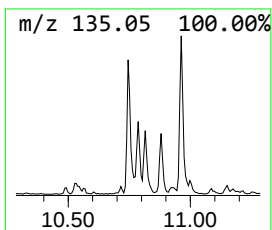
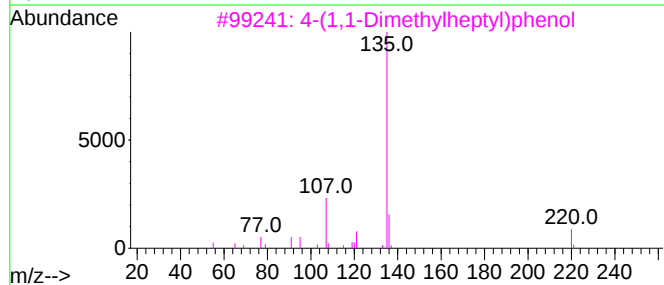
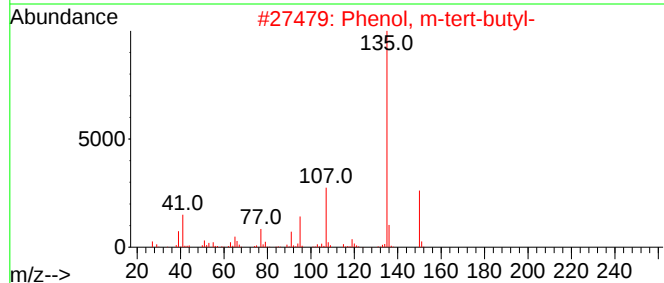
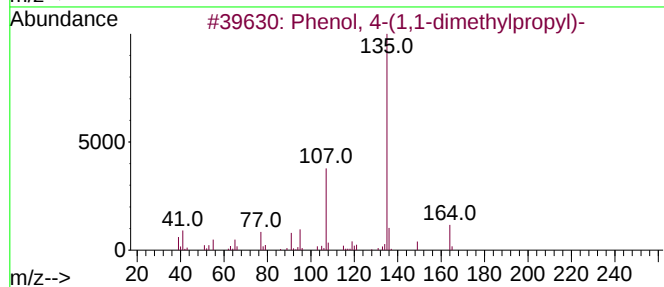
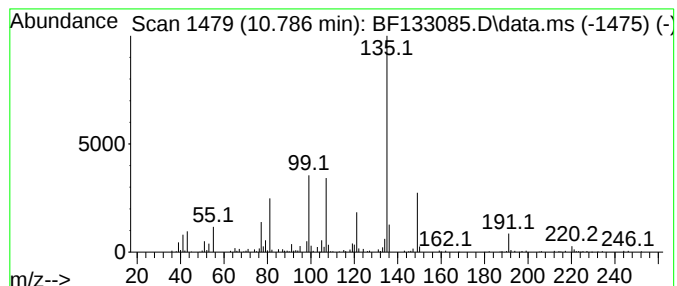
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 12 Phenol, 4-(1,1-dimethylprop... Concentration Rank 20

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 10.786 | 5.60 ng | 329769 | Phenanthrene-d10 | 11.251 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | Phenol, 4-(1,1-dimethylpropyl)-     | 164 | C11H16O   | 000080-46-6  | 53   |
| 2    |    |   | Phenol, m-tert-butyl-               | 150 | C10H14O   | 000585-34-2  | 52   |
| 3    |    |   | 4-(1,1-Dimethylheptyl)phenol        | 220 | C15H24O   | 1000384-80-3 | 50   |
| 4    |    |   | m-Anisoyl amide, N-(2-phenylethy... | 325 | C21H27NO2 | 1000451-74-1 | 50   |
| 5    |    |   | 4,4'-(1,2-diethylethylene)diphenol  | 270 | C18H22O2  | 005635-50-7  | 50   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF042623\  
Data File : BF133085.D  
Acq On : 27 Apr 2023 01:37  
Operator : CG\JU  
Sample : 02484-01  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
CRCA-1

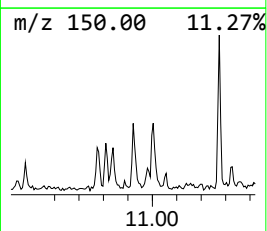
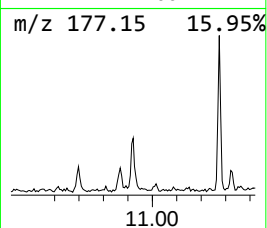
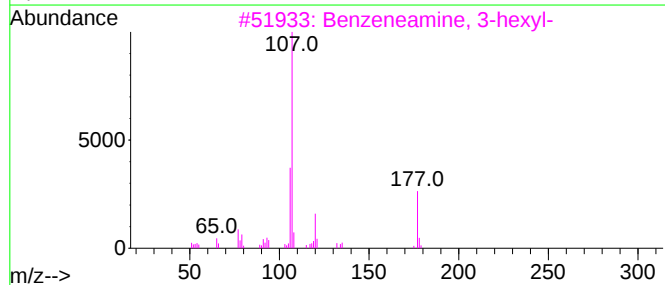
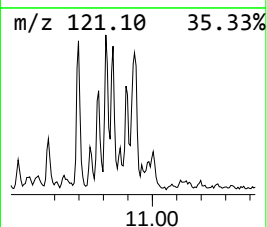
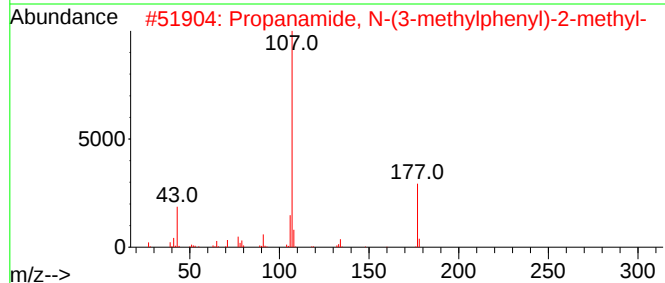
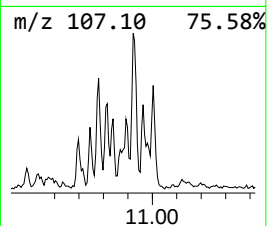
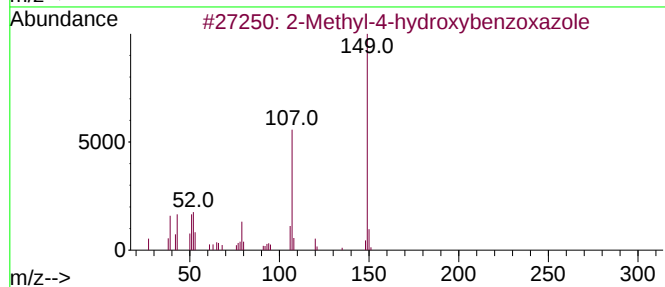
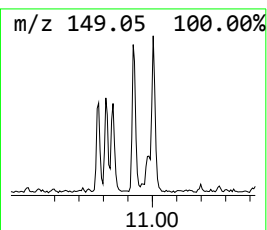
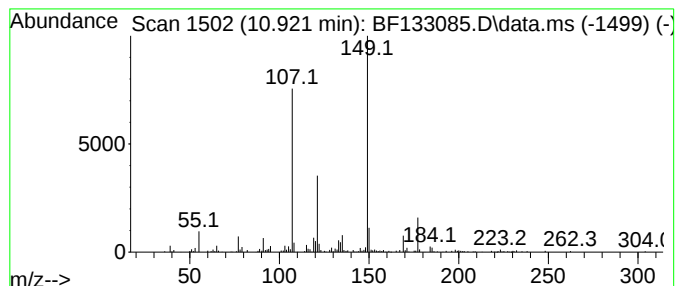
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 13 unknown10.921 Concentration Rank 14

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 10.921 | 6.83 ng | 402153 | Phenanthrene-d10 | 11.251 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|----------|--------------|------|
| 1    |    |   | 2-Methyl-4-hydroxybenzoxazole       | 149 | C8H7NO2  | 051110-60-2  | 47   |
| 2    |    |   | Propanamide, N-(3-methylphenyl)-... | 177 | C11H15NO | 1000307-32-0 | 38   |
| 3    |    |   | Benzeneamine, 3-hexyl-              | 177 | C12H19N  | 036042-29-2  | 35   |
| 4    |    |   | 2-tert-Butyl-5-methylphenol, ace... | 206 | C13H18O2 | 198641-42-8  | 35   |
| 5    |    |   | Phthalic acid, butyl 2,7-dimethy... | 356 | C22H28O4 | 1010315-49-0 | 35   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF042623\  
Data File : BF133085.D  
Acq On : 27 Apr 2023 01:37  
Operator : CG\JU  
Sample : 02484-01  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
CRCA-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF042123.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

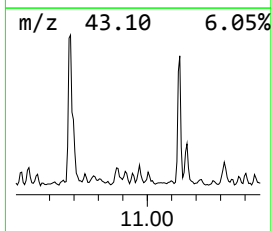
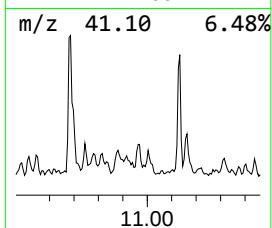
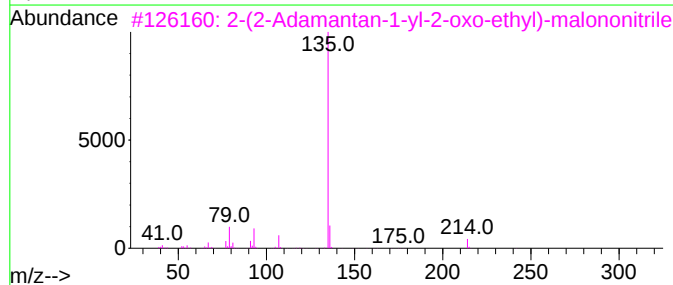
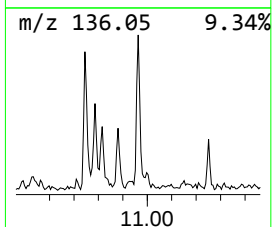
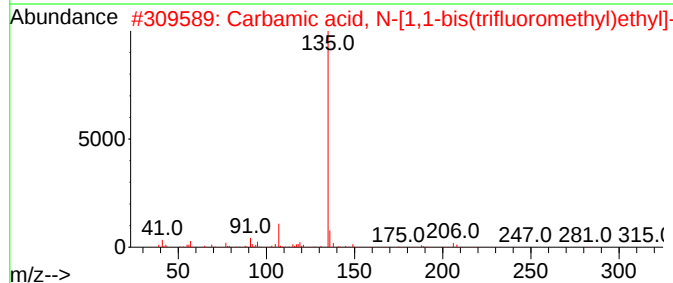
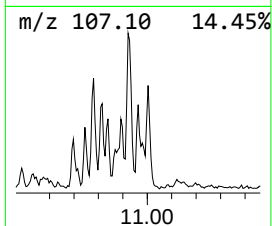
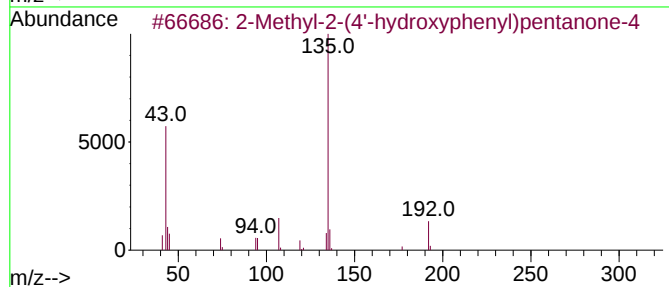
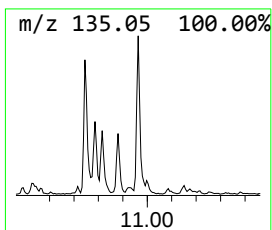
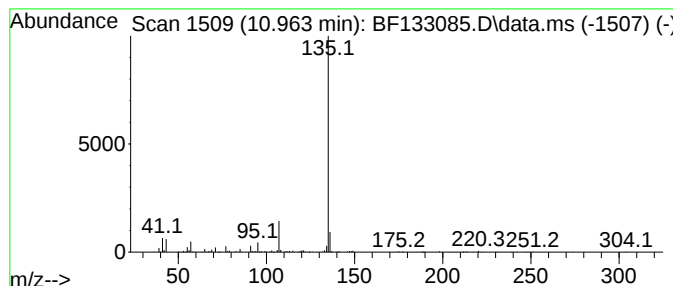
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TIC Integration Parameters: LSCINT.P

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Peak Number 14 2-Methyl-2-(4'-hydroxypheny... Concentration Rank 16

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 10.963 | 6.41 ng | 377531 | Phenanthrene-d10 | 11.251 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm     | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-------------|--------------|------|
| 1    |    |   | 2-Methyl-2-(4'-hydroxyphenyl)pen... | 192 | C12H16O2    | 070205-18-4  | 72   |
| 2    |    |   | Carbamic acid, N-[1,1-bis(triflu... | 413 | C19H25F6NO2 | 296242-69-8  | 64   |
| 3    |    |   | 2-(2-Adamantan-1-yl-2-oxo-ethyl)... | 242 | C15H18N2O   | 1000296-74-8 | 59   |
| 4    |    |   | Phenol, 4-(1,1,3,3-tetramethylbu... | 206 | C14H22O     | 000140-66-9  | 56   |
| 5    |    |   | Phenol, 2-(1,1,3,3-tetramethylbu... | 206 | C14H22O     | 003884-95-5  | 56   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF042623\  
Data File : BF133085.D  
Acq On : 27 Apr 2023 01:37  
Operator : CG\JU  
Sample : 02484-01  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
CRCA-1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

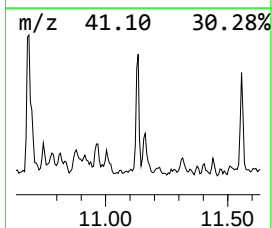
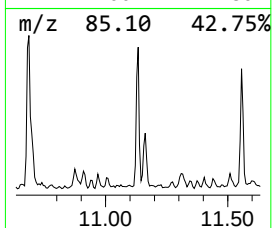
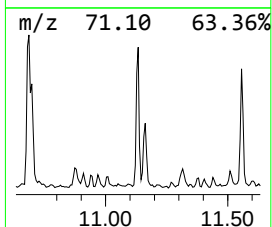
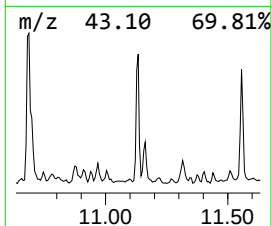
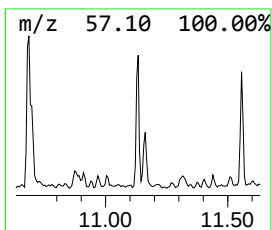
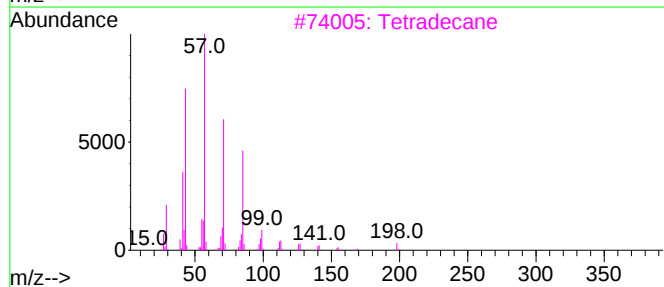
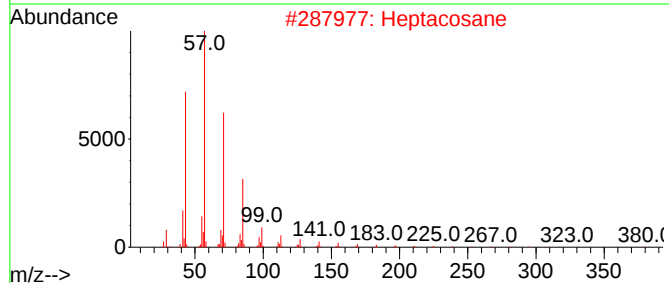
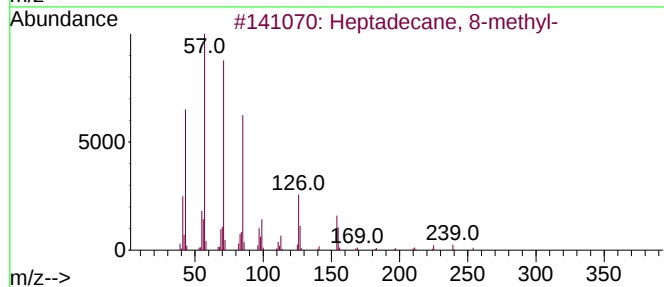
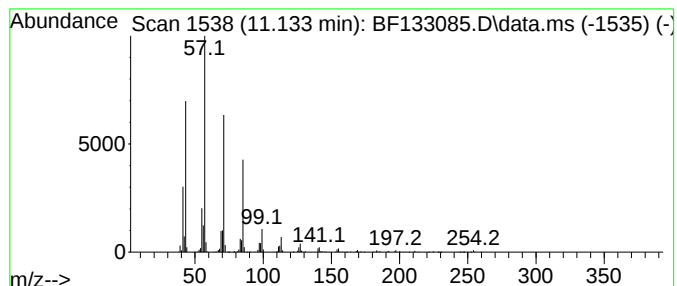
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TIC Integration Parameters: LSCINT.P

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Peak Number 15 Heptadecane, 8-methyl- Concentration Rank 11

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 11.133 | 9.26 ng | 545399 | Phenanthrene-d10 | 11.251 |

| Hit# | of 5 | Tentative ID           | MW  | MolForm | CAS#        | Qual |
|------|------|------------------------|-----|---------|-------------|------|
| 1    |      | Heptadecane, 8-methyl- | 254 | C18H38  | 013287-23-5 | 91   |
| 2    |      | Heptacosane            | 380 | C27H56  | 000593-49-7 | 91   |
| 3    |      | Tetradecane            | 198 | C14H30  | 000629-59-4 | 91   |
| 4    |      | Hexadecane             | 226 | C16H34  | 000544-76-3 | 90   |
| 5    |      | Heptadecane            | 240 | C17H36  | 000629-78-7 | 90   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF042623\  
Data File : BF133085.D  
Acq On : 27 Apr 2023 01:37  
Operator : CG\JU  
Sample : 02484-01  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
CRCA-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF042123.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L  
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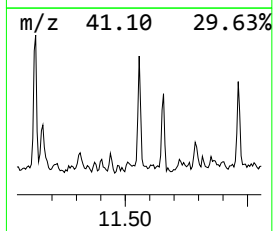
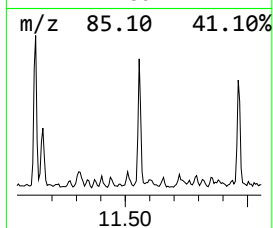
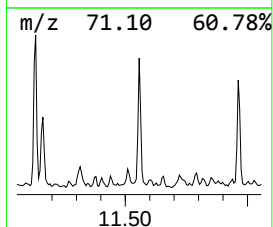
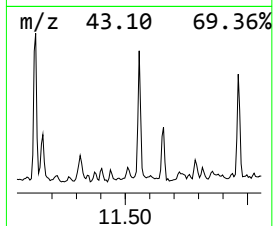
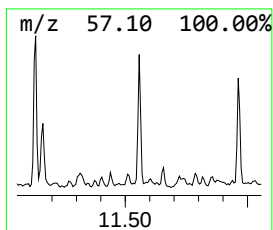
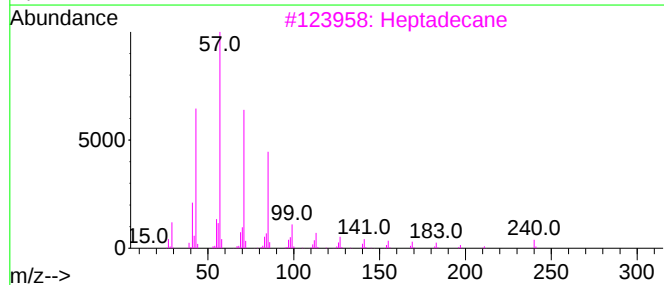
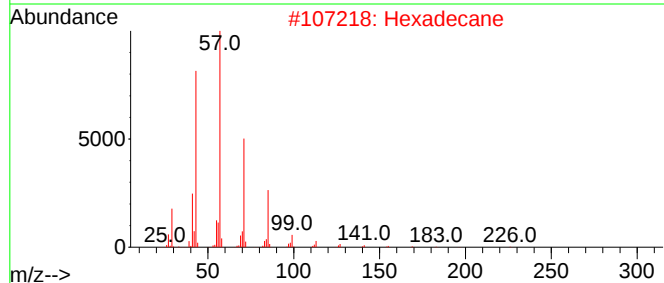
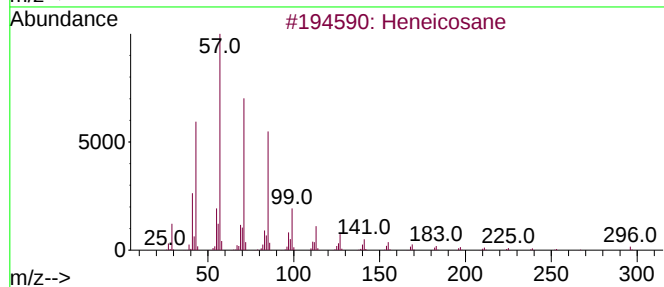
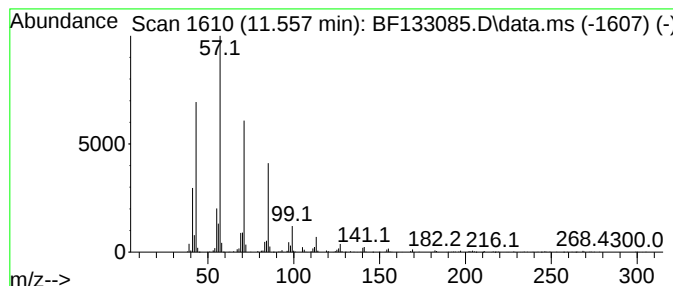
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Peak Number 16 Heneicosane Concentration Rank 13

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 11.557 | 7.28 ng | 428812 | Phenanthrene-d10 | 11.251 |

| Hit# | of 5 | Tentative ID         | MW  | MolForm | CAS#        | Qual |
|------|------|----------------------|-----|---------|-------------|------|
| 1    |      | Heneicosane          | 296 | C21H44  | 000629-94-7 | 90   |
| 2    |      | Hexadecane           | 226 | C16H34  | 000544-76-3 | 90   |
| 3    |      | Heptadecane          | 240 | C17H36  | 000629-78-7 | 90   |
| 4    |      | Eicosane, 10-methyl- | 296 | C21H44  | 054833-23-7 | 86   |
| 5    |      | Nonadecane           | 268 | C19H40  | 000629-92-5 | 86   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF042623\  
Data File : BF133085.D  
Acq On : 27 Apr 2023 01:37  
Operator : CG\JU  
Sample : 02484-01  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
CRCA-1

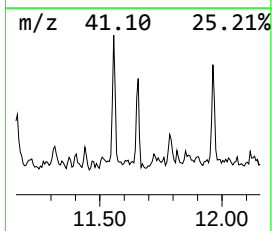
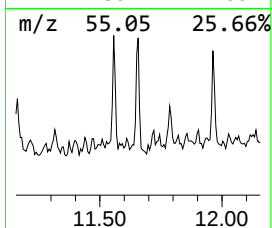
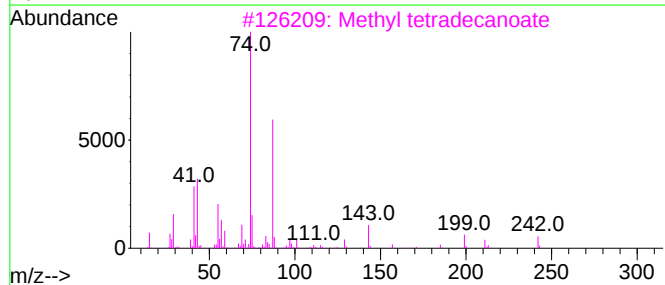
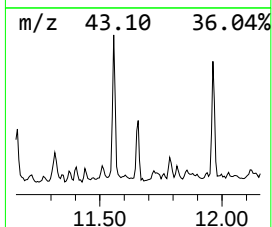
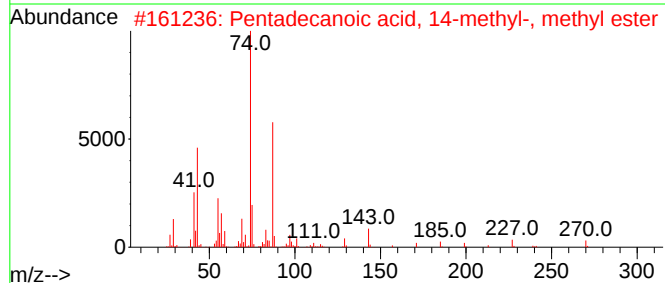
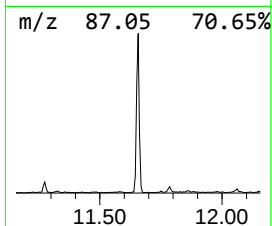
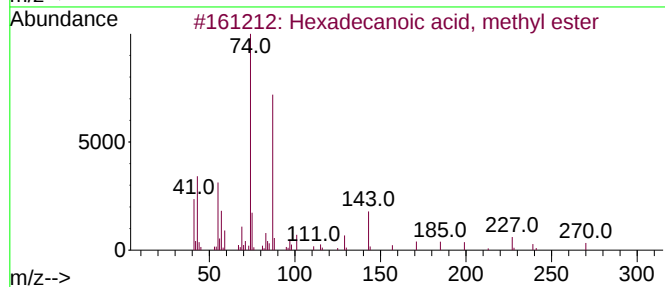
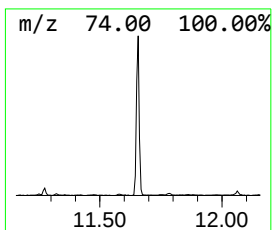
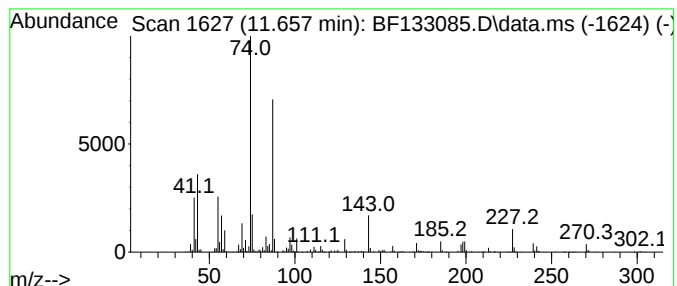
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 17 Hexadecanoic acid, methyl e... Concentration Rank 12

| R.T.      | EstConc                             | Area   | Relative to ISTD |          |             | R.T.   |
|-----------|-------------------------------------|--------|------------------|----------|-------------|--------|
| 11.657    | 7.63 ng                             | 449554 | Phenanthrene-d10 |          |             | 11.251 |
| Hit# of 5 | Tentative ID                        |        | MW               | MolForm  | CAS#        | Qual   |
| 1         | Hexadecanoic acid, methyl ester     |        | 270              | C17H34O2 | 000112-39-0 | 97     |
| 2         | Pentadecanoic acid, 14-methyl-, ... |        | 270              | C17H34O2 | 005129-60-2 | 96     |
| 3         | Methyl tetradecanoate               |        | 242              | C15H30O2 | 000124-10-7 | 93     |
| 4         | Tridecanoic acid, methyl ester      |        | 228              | C14H28O2 | 001731-88-0 | 91     |
| 5         | Methyl stearate                     |        | 298              | C19H38O2 | 000112-61-8 | 74     |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF042623\  
Data File : BF133085.D  
Acq On : 27 Apr 2023 01:37  
Operator : CG\JU  
Sample : 02484-01  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
CRCA-1

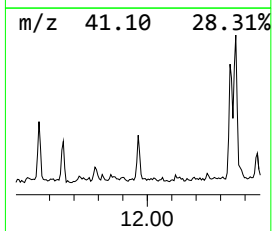
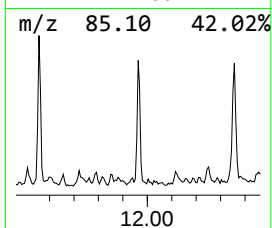
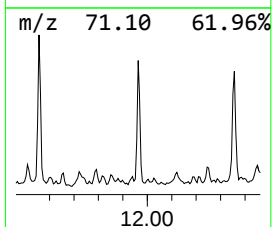
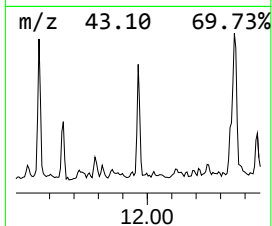
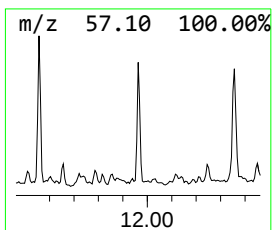
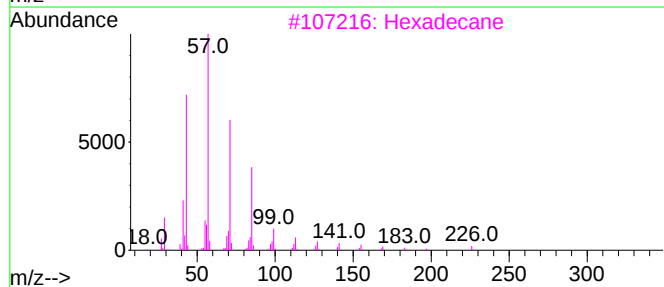
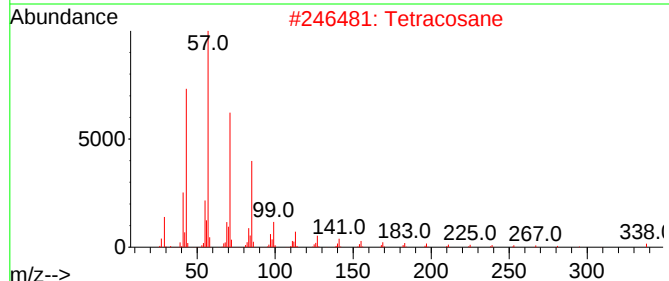
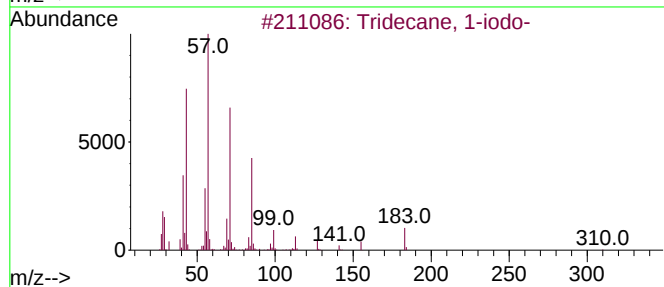
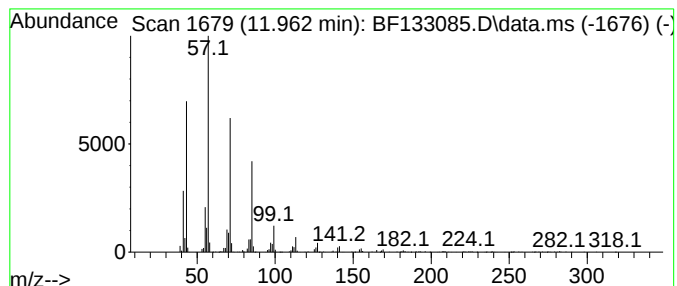
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 18 Tridecane, 1-iodo- Concentration Rank 18

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 11.963 | 5.93 ng | 349324 | Phenanthrene-d10 | 11.251 |

| Hit# | of | 5 | Tentative ID          | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------|-----|---------|-------------|------|
| 1    |    |   | Tridecane, 1-iodo-    | 310 | C13H27I | 035599-77-0 | 91   |
| 2    |    |   | Tetracosane           | 338 | C24H50  | 000646-31-1 | 91   |
| 3    |    |   | Hexadecane            | 226 | C16H34  | 000544-76-3 | 90   |
| 4    |    |   | Nonadecane, 9-methyl- | 282 | C20H42  | 013287-24-6 | 90   |
| 5    |    |   | Tridecane, 6-propyl-  | 226 | C16H34  | 055045-10-8 | 90   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF042623\  
Data File : BF133085.D  
Acq On : 27 Apr 2023 01:37  
Operator : CG\JU  
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Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
CRCA-1

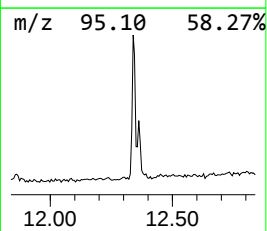
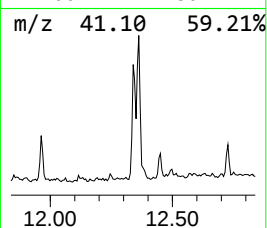
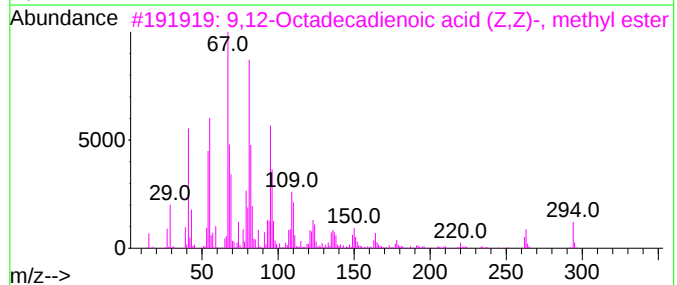
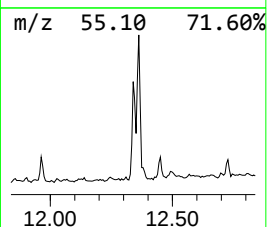
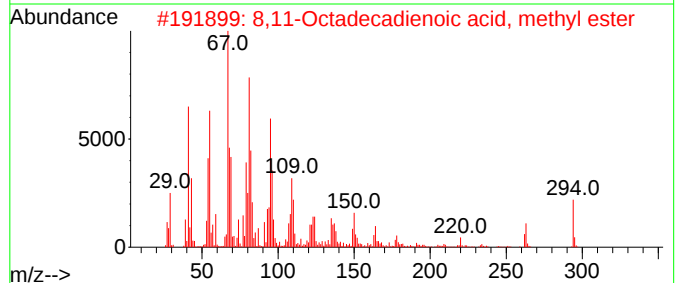
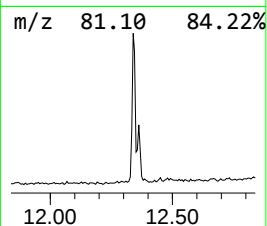
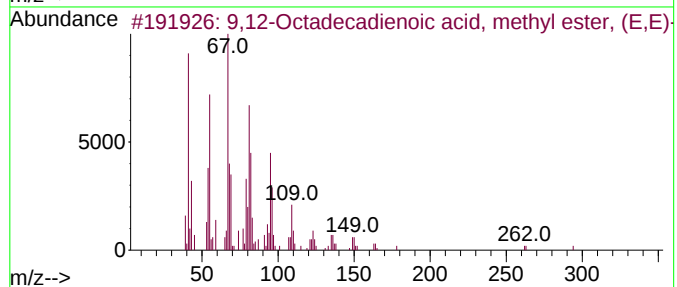
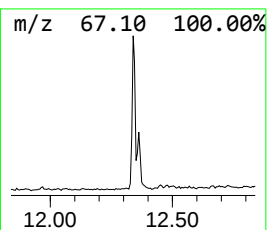
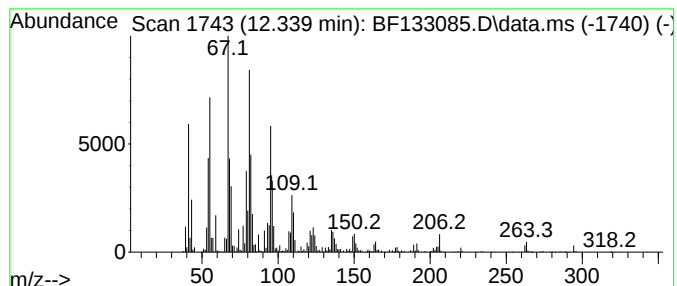
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 19 9,12-Octadecadienoic acid, ... Concentration Rank 2

| R.T.   | EstConc  | Area                                | Relative to ISTD | R.T.           |
|--------|----------|-------------------------------------|------------------|----------------|
| 12.339 | 23.20 ng | 1366430                             | Phenanthrene-d10 | 11.251         |
| Hit#   | of 5     | Tentative ID                        | MW MolForm       | CAS# Qual      |
| 1      |          | 9,12-Octadecadienoic acid, methy... | 294 C19H34O2     | 002566-97-4 99 |
| 2      |          | 8,11-Octadecadienoic acid, methy... | 294 C19H34O2     | 056599-58-7 99 |
| 3      |          | 9,12-Octadecadienoic acid (Z,Z)-... | 294 C19H34O2     | 000112-63-0 99 |
| 4      |          | 9,12-Octadecadienoic acid, methy... | 294 C19H34O2     | 002462-85-3 99 |
| 5      |          | 10,13-Octadecadienoic acid, meth... | 294 C19H34O2     | 056554-62-2 98 |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF042623\  
Data File : BF133085.D  
Acq On : 27 Apr 2023 01:37  
Operator : CG\JU  
Sample : 02484-01  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
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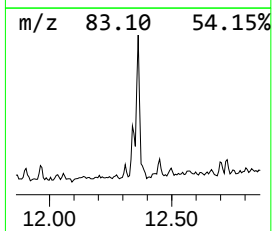
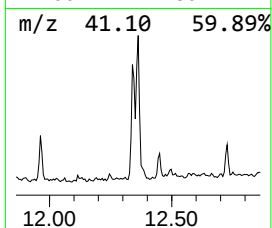
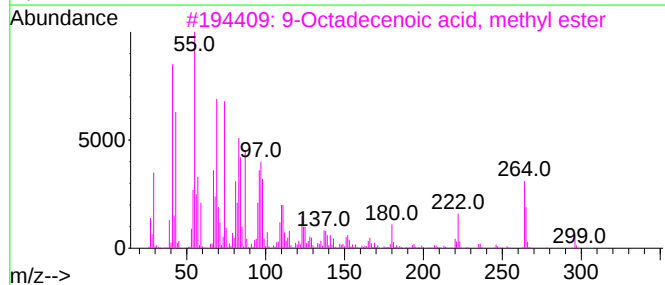
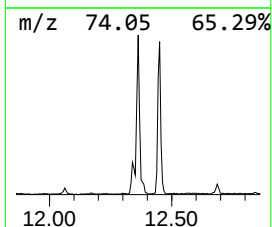
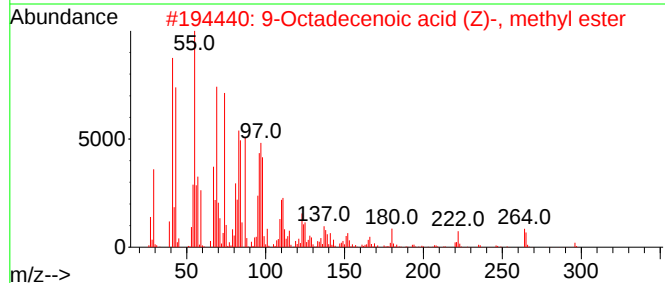
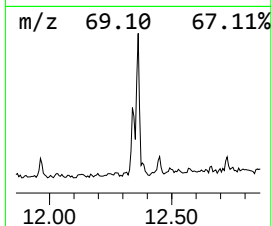
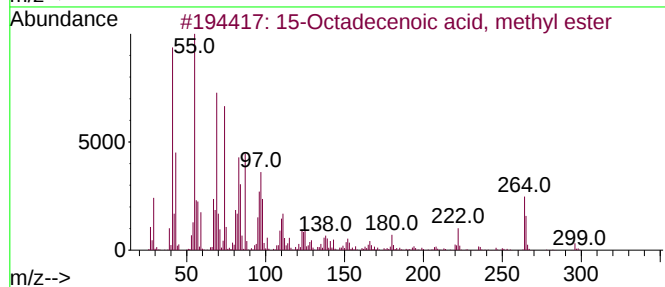
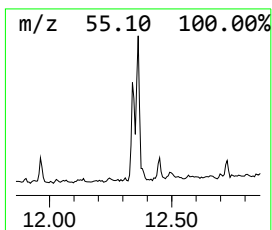
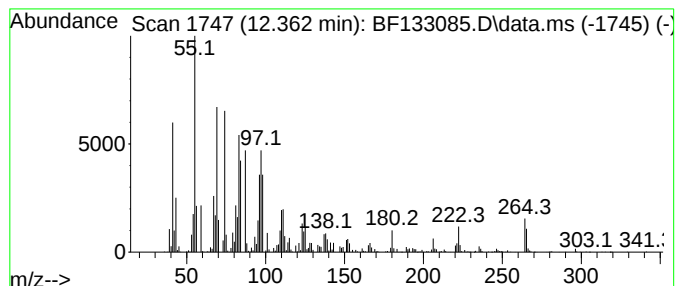
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TIC Integration Parameters: LSCINT.P

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Peak Number 20 15-Octadecenoic acid, methyl... Concentration Rank 3

| R.T.   | EstConc  | Area    | Relative to ISTD | R.T.   |
|--------|----------|---------|------------------|--------|
| 12.363 | 20.94 ng | 1233730 | Phenanthrene-d10 | 11.251 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|----------|--------------|------|
| 1    |    |   | 15-Octadecenoic acid, methyl ester  | 296 | C19H36O2 | 004764-72-1  | 99   |
| 2    |    |   | 9-Octadecenoic acid (Z)-, methyl... | 296 | C19H36O2 | 000112-62-9  | 98   |
| 3    |    |   | 9-Octadecenoic acid, methyl ester   | 296 | C19H36O2 | 002462-84-2  | 96   |
| 4    |    |   | (Z)-15-Octadecenoic acid methyl ... | 296 | C19H36O2 | 1000427-69-3 | 96   |
| 5    |    |   | 11-Octadecenoic acid, methyl ester  | 296 | C19H36O2 | 052380-33-3  | 96   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF042623\  
Data File : BF133085.D  
Acq On : 27 Apr 2023 01:37  
Operator : CG\JU  
Sample : 02484-01  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
CRCA-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF042123.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 |
| 3-Penten-2-one,... | 4.263  | 16.5    | ng    | 903753   | 1                     | 6.733  | 1096650 | 20.0 |
| 2-Pentanone, 4-... | 4.916  | 23.4    | ng    | 1286030  | 1                     | 6.733  | 1096650 | 20.0 |
| Ethanol, 1-(2-b... | 7.927  | 12.7    | ng    | 1248880  | 2                     | 8.022  | 1961740 | 20.0 |
| Tridecane          | 8.622  | 6.8     | ng    | 662876   | 2                     | 8.022  | 1961740 | 20.0 |
| Tetradecane        | 9.186  | 11.2    | ng    | 816111   | 3                     | 9.768  | 1462990 | 20.0 |
| Carbonic acid, ... | 9.504  | 6.1     | ng    | 444732   | 3                     | 9.768  | 1462990 | 20.0 |
| Pentadecane        | 9.710  | 9.7     | ng    | 710388   | 3                     | 9.768  | 1462990 | 20.0 |
| Hexadecane         | 10.210 | 10.0    | ng    | 732695   | 3                     | 9.768  | 1462990 | 20.0 |
| Pentadecane, 2,... | 10.433 | 5.7     | ng    | 418191   | 3                     | 9.768  | 1462990 | 20.0 |
| Benzophenone       | 10.480 | 10.9    | ng    | 797592   | 3                     | 9.768  | 1462990 | 20.0 |
| Heptadecane        | 10.686 | 18.3    | ng    | 1079840  | 4                     | 11.251 | 1178130 | 20.0 |
| Phenol, 4-(1,1-... | 10.786 | 5.6     | ng    | 329769   | 4                     | 11.251 | 1178130 | 20.0 |
| unknown10.921      | 10.921 | 6.8     | ng    | 402153   | 4                     | 11.251 | 1178130 | 20.0 |
| 2-Methyl-2-(4'-... | 10.963 | 6.4     | ng    | 377531   | 4                     | 11.251 | 1178130 | 20.0 |
| Heptadecane, 8-... | 11.133 | 9.3     | ng    | 545399   | 4                     | 11.251 | 1178130 | 20.0 |
| Heneicosane        | 11.557 | 7.3     | ng    | 428812   | 4                     | 11.251 | 1178130 | 20.0 |
| Hexadecanoic ac... | 11.657 | 7.6     | ng    | 449554   | 4                     | 11.251 | 1178130 | 20.0 |
| Tridecane, 1-iodo- | 11.963 | 5.9     | ng    | 349324   | 4                     | 11.251 | 1178130 | 20.0 |
| 9,12-Octadecadi... | 12.339 | 23.2    | ng    | 1366430  | 4                     | 11.251 | 1178130 | 20.0 |
| 15-Octadecenoic... | 12.363 | 20.9    | ng    | 1233730  | 4                     | 11.251 | 1178130 | 20.0 |