

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102122\  
 Data File : BF130752.D  
 Acq On : 21 Oct 2022 18:55  
 Operator : CG\JU  
 Sample : N5184-01  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 EO-02-101822

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-BF102022.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF130752.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         | 4.728       | 479           | 483         | 499          | rBV      | 256636         | 393002        | 20.90%          | 1.281%        |
| 2         | 5.169       | 555           | 558         | 583          | rBV      | 1664931        | 1870498       | 99.48%          | 6.096%        |
| 3         | 6.222       | 734           | 737         | 753          | rBV      | 1839599        | 1880185       | 100.00%         | 6.128%        |
| 4         | 6.563       | 792           | 795         | 801          | rVB      | 503400         | 436200        | 23.20%          | 1.422%        |
| 5         | 6.951       | 857           | 861         | 864          | rBV3     | 29710          | 35589         | 1.89%           | 0.116%        |
| 6         | 7.098       | 881           | 886         | 889          | rBV      | 34867          | 37301         | 1.98%           | 0.122%        |
| 7         | 7.134       | 889           | 892         | 896          | rVV      | 1088932        | 993151        | 52.82%          | 3.237%        |
| 8         | 7.163       | 896           | 897         | 900          | rVV      | 68621          | 42466         | 2.26%           | 0.138%        |
| 9         | 7.363       | 928           | 931         | 935          | rVB      | 79741          | 72134         | 3.84%           | 0.235%        |
| 10        | 7.475       | 947           | 950         | 952          | rVB2     | 43658          | 35795         | 1.90%           | 0.117%        |
| 11        | 7.581       | 963           | 968         | 970          | rBV4     | 50756          | 70642         | 3.76%           | 0.230%        |
| 12        | 7.663       | 977           | 982         | 984          | rBV4     | 34412          | 52729         | 2.80%           | 0.172%        |
| 13        | 7.845       | 999           | 1013        | 1016         | rBV      | 601558         | 793506        | 42.20%          | 2.586%        |
| 14        | 7.910       | 1022          | 1024        | 1026         | rVB      | 56675          | 41584         | 2.21%           | 0.136%        |
| 15        | 7.934       | 1026          | 1028        | 1031         | rBV2     | 39189          | 34631         | 1.84%           | 0.113%        |
| 16        | 8.010       | 1037          | 1041        | 1044         | rBV4     | 30789          | 50926         | 2.71%           | 0.166%        |
| 17        | 8.040       | 1044          | 1046        | 1049         | rVB2     | 66074          | 57715         | 3.07%           | 0.188%        |
| 18        | 8.122       | 1058          | 1060        | 1066         | rBV6     | 53446          | 108085        | 5.75%           | 0.352%        |
| 19        | 8.198       | 1070          | 1073        | 1075         | rBV3     | 45541          | 47804         | 2.54%           | 0.156%        |
| 20        | 8.228       | 1075          | 1078        | 1081         | rBV2     | 82601          | 80106         | 4.26%           | 0.261%        |
| 21        | 8.269       | 1081          | 1085        | 1087         | rBV2     | 97302          | 97433         | 5.18%           | 0.318%        |
| 22        | 8.345       | 1094          | 1098        | 1101         | rBV2     | 139167         | 133112        | 7.08%           | 0.434%        |
| 23        | 8.440       | 1110          | 1114        | 1117         | rBV      | 297811         | 268531        | 14.28%          | 0.875%        |
| 24        | 8.498       | 1122          | 1124        | 1127         | rVV2     | 65286          | 56193         | 2.99%           | 0.183%        |
| 25        | 8.534       | 1127          | 1130        | 1132         | rVB3     | 68027          | 71777         | 3.82%           | 0.234%        |
| 26        | 8.598       | 1139          | 1141        | 1145         | rBV5     | 27432          | 42216         | 2.25%           | 0.138%        |
| 27        | 8.640       | 1145          | 1148        | 1149         | rBV3     | 41436          | 41492         | 2.21%           | 0.135%        |
| 28        | 8.663       | 1149          | 1152        | 1154         | rVV2     | 150521         | 120356        | 6.40%           | 0.392%        |
| 29        | 8.722       | 1159          | 1162        | 1163         | rBV2     | 67675          | 60551         | 3.22%           | 0.197%        |
| 30        | 8.745       | 1163          | 1166        | 1169         | rVB4     | 39288          | 48736         | 2.59%           | 0.159%        |
| 31        | 8.804       | 1174          | 1176        | 1178         | rVB2     | 78220          | 52440         | 2.79%           | 0.171%        |
| 32        | 8.845       | 1181          | 1183        | 1184         | rBV2     | 53913          | 44239         | 2.35%           | 0.144%        |
| 33        | 8.863       | 1184          | 1186        | 1192         | rVB3     | 153597         | 166964        | 8.88%           | 0.544%        |
| 34        | 8.922       | 1192          | 1196        | 1199         | rBV      | 2350618        | 1784518       | 94.91%          | 5.816%        |
| 35        | 8.951       | 1199          | 1201        | 1204         | rVB3     | 53078          | 46957         | 2.50%           | 0.153%        |
| 36        | 9.004       | 1206          | 1210        | 1214         | rBV      | 423081         | 409577        | 21.78%          | 1.335%        |

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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-BF102022.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|    |        |      |      |      |      |         |        |        |        |
|----|--------|------|------|------|------|---------|--------|--------|--------|
| 37 | 9.063  | 1218 | 1220 | 1223 | rVB  | 112284  | 89177  | 4.74%  | 0.291% |
| 38 | 9.187  | 1239 | 1241 | 1245 | rVB4 | 51520   | 36418  | 1.94%  | 0.119% |
| 39 | 9.222  | 1245 | 1247 | 1249 | rBV3 | 50797   | 36338  | 1.93%  | 0.118% |
| 40 | 9.251  | 1250 | 1252 | 1254 | rVV3 | 101203  | 98612  | 5.24%  | 0.321% |
| 41 | 9.275  | 1254 | 1256 | 1258 | rVB3 | 103264  | 73802  | 3.93%  | 0.241% |
| 42 | 9.316  | 1259 | 1263 | 1266 | rBV2 | 206521  | 221205 | 11.77% | 0.721% |
| 43 | 9.345  | 1266 | 1268 | 1270 | rVB2 | 155945  | 125699 | 6.69%  | 0.410% |
| 44 | 9.375  | 1270 | 1273 | 1276 | rVB3 | 151094  | 149219 | 7.94%  | 0.486% |
| 45 | 9.404  | 1276 | 1278 | 1280 | rBV2 | 43518   | 47392  | 2.52%  | 0.154% |
| 46 | 9.492  | 1291 | 1293 | 1296 | rVB4 | 55967   | 47560  | 2.53%  | 0.155% |
| 47 | 9.528  | 1296 | 1299 | 1303 | rBV  | 630674  | 501309 | 26.66% | 1.634% |
| 48 | 9.563  | 1303 | 1305 | 1306 | rBV  | 97299   | 80815  | 4.30%  | 0.263% |
| 49 | 9.592  | 1307 | 1310 | 1313 | rVB  | 645427  | 537370 | 28.58% | 1.751% |
| 50 | 9.622  | 1313 | 1315 | 1318 | rBV2 | 89604   | 86683  | 4.61%  | 0.283% |
| 51 | 9.698  | 1326 | 1328 | 1331 | rVB2 | 72065   | 64130  | 3.41%  | 0.209% |
| 52 | 9.763  | 1335 | 1339 | 1341 | rVV3 | 73667   | 118196 | 6.29%  | 0.385% |
| 53 | 9.792  | 1341 | 1344 | 1347 | rVV2 | 114615  | 154104 | 8.20%  | 0.502% |
| 54 | 9.851  | 1349 | 1354 | 1356 | rVV3 | 138891  | 158485 | 8.43%  | 0.517% |
| 55 | 9.910  | 1361 | 1364 | 1368 | rVV3 | 55110   | 74192  | 3.95%  | 0.242% |
| 56 | 10.028 | 1381 | 1384 | 1387 | rBV  | 583483  | 436957 | 23.24% | 1.424% |
| 57 | 10.081 | 1390 | 1393 | 1398 | rVB3 | 66187   | 101433 | 5.39%  | 0.331% |
| 58 | 10.139 | 1398 | 1403 | 1405 | rBV  | 148015  | 194921 | 10.37% | 0.635% |
| 59 | 10.245 | 1417 | 1421 | 1424 | rBV  | 233354  | 220775 | 11.74% | 0.720% |
| 60 | 10.298 | 1427 | 1430 | 1433 | rVB4 | 108667  | 110444 | 5.87%  | 0.360% |
| 61 | 10.328 | 1433 | 1435 | 1438 | rBV2 | 101756  | 97704  | 5.20%  | 0.318% |
| 62 | 10.363 | 1438 | 1441 | 1442 | rBV3 | 93246   | 99049  | 5.27%  | 0.323% |
| 63 | 10.381 | 1442 | 1444 | 1448 | rVB  | 812183  | 690675 | 36.73% | 2.251% |
| 64 | 10.498 | 1461 | 1464 | 1472 | rVB  | 589311  | 739322 | 39.32% | 2.410% |
| 65 | 10.557 | 1472 | 1474 | 1479 | rBV4 | 39181   | 62201  | 3.31%  | 0.203% |
| 66 | 10.686 | 1494 | 1496 | 1498 | rBV2 | 73568   | 75317  | 4.01%  | 0.245% |
| 67 | 10.816 | 1516 | 1518 | 1520 | rBV2 | 46336   | 49651  | 2.64%  | 0.162% |
| 68 | 10.886 | 1528 | 1530 | 1533 | rVB  | 74325   | 55773  | 2.97%  | 0.182% |
| 69 | 10.945 | 1537 | 1540 | 1542 | rVV  | 521489  | 435520 | 23.16% | 1.419% |
| 70 | 10.975 | 1542 | 1545 | 1551 | rVB  | 301660  | 342697 | 18.23% | 1.117% |
| 71 | 11.075 | 1558 | 1562 | 1564 | rBV  | 512891  | 511578 | 27.21% | 1.667% |
| 72 | 11.098 | 1564 | 1566 | 1569 | rVV  | 1301776 | 990288 | 52.67% | 3.228% |
| 73 | 11.151 | 1572 | 1575 | 1578 | rVB  | 325320  | 325448 | 17.31% | 1.061% |
| 74 | 11.186 | 1579 | 1581 | 1583 | rBV3 | 53697   | 41076  | 2.18%  | 0.134% |
| 75 | 11.251 | 1590 | 1592 | 1595 | rVB2 | 69814   | 51509  | 2.74%  | 0.168% |
| 76 | 11.316 | 1601 | 1603 | 1609 | rVB2 | 184206  | 175813 | 9.35%  | 0.573% |

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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-BF102022.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|     |        |      |      |      |      |         |         |        |        |
|-----|--------|------|------|------|------|---------|---------|--------|--------|
| 77  | 11.369 | 1609 | 1612 | 1615 | rBV  | 456055  | 353924  | 18.82% | 1.154% |
| 78  | 11.475 | 1627 | 1630 | 1634 | rVB  | 561354  | 497528  | 26.46% | 1.622% |
| 79  | 11.533 | 1637 | 1640 | 1644 | rBV4 | 60800   | 91434   | 4.86%  | 0.298% |
| 80  | 11.575 | 1644 | 1647 | 1649 | rBV  | 139302  | 114215  | 6.07%  | 0.372% |
| 81  | 11.604 | 1649 | 1652 | 1653 | rBV  | 184536  | 155694  | 8.28%  | 0.507% |
| 82  | 11.680 | 1663 | 1665 | 1668 | rBV  | 167182  | 143808  | 7.65%  | 0.469% |
| 83  | 11.775 | 1678 | 1681 | 1685 | rBV  | 361520  | 309212  | 16.45% | 1.008% |
| 84  | 11.869 | 1694 | 1697 | 1701 | rBV  | 109566  | 114649  | 6.10%  | 0.374% |
| 85  | 11.904 | 1701 | 1703 | 1705 | rBV2 | 79336   | 60471   | 3.22%  | 0.197% |
| 86  | 12.122 | 1737 | 1740 | 1742 | rBV  | 119006  | 111124  | 5.91%  | 0.362% |
| 87  | 12.157 | 1742 | 1746 | 1748 | rBV2 | 1918841 | 1837270 | 97.72% | 5.988% |
| 88  | 12.180 | 1748 | 1750 | 1753 | rVB  | 1242171 | 958917  | 51.00% | 3.125% |
| 89  | 12.263 | 1762 | 1764 | 1765 | rBV  | 221427  | 162261  | 8.63%  | 0.529% |
| 90  | 12.286 | 1765 | 1768 | 1771 | rVV  | 1485294 | 1260395 | 67.04% | 4.108% |
| 91  | 12.328 | 1772 | 1775 | 1781 | rVB3 | 224976  | 296705  | 15.78% | 0.967% |
| 92  | 12.398 | 1785 | 1787 | 1790 | rBV  | 71810   | 74849   | 3.98%  | 0.244% |
| 93  | 12.510 | 1801 | 1806 | 1809 | rBV  | 1124381 | 1337223 | 71.12% | 4.358% |
| 94  | 12.533 | 1809 | 1810 | 1813 | rVB  | 260131  | 165424  | 8.80%  | 0.539% |
| 95  | 12.657 | 1827 | 1831 | 1834 | rBV  | 1647124 | 1336404 | 71.08% | 4.356% |
| 96  | 12.822 | 1856 | 1859 | 1860 | rBV3 | 118923  | 122668  | 6.52%  | 0.400% |
| 97  | 12.886 | 1868 | 1870 | 1873 | rBV  | 166409  | 181258  | 9.64%  | 0.591% |
| 98  | 13.704 | 2005 | 2009 | 2012 | rBV2 | 763860  | 1111200 | 59.10% | 3.622% |
| 99  | 13.733 | 2012 | 2014 | 2017 | rVB  | 479892  | 450116  | 23.94% | 1.467% |
| 100 | 14.716 | 2178 | 2181 | 2183 | rBV  | 301695  | 347766  | 18.50% | 1.133% |

Sum of corrected areas: 30682513



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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF102022.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

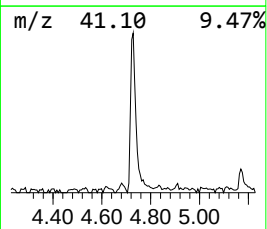
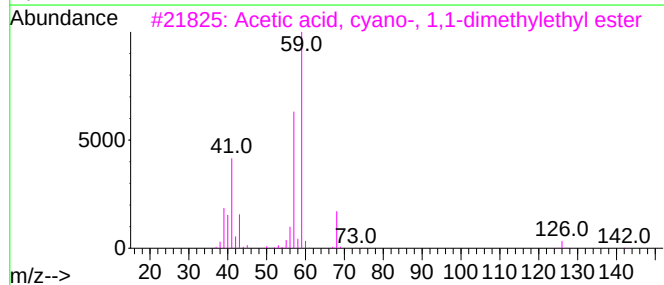
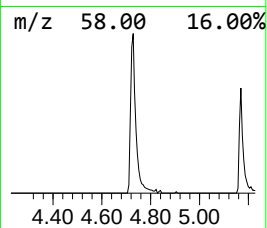
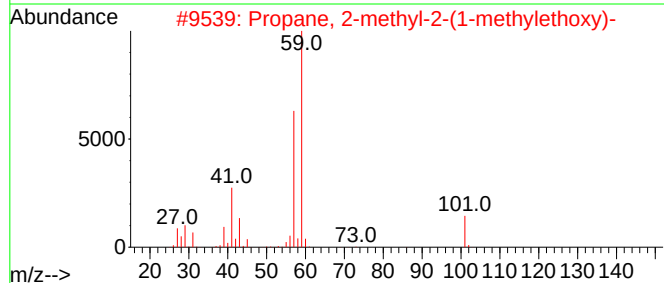
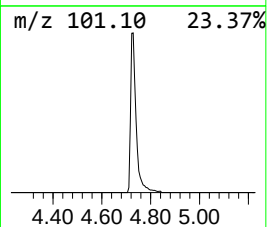
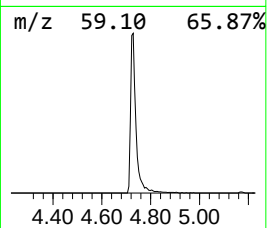
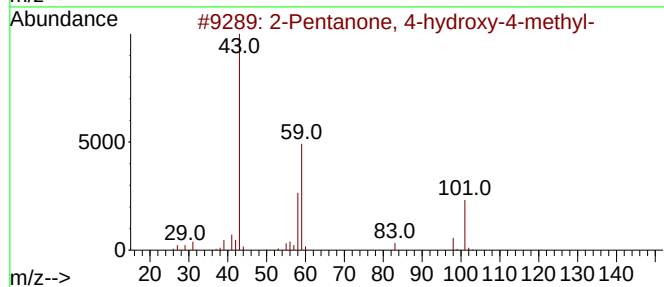
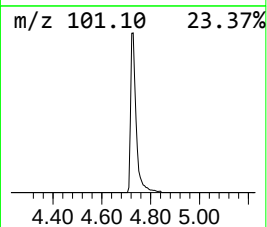
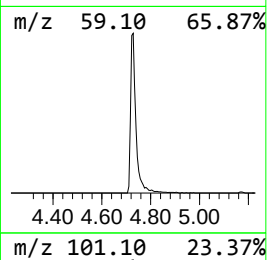
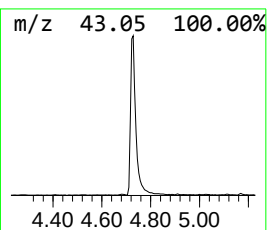
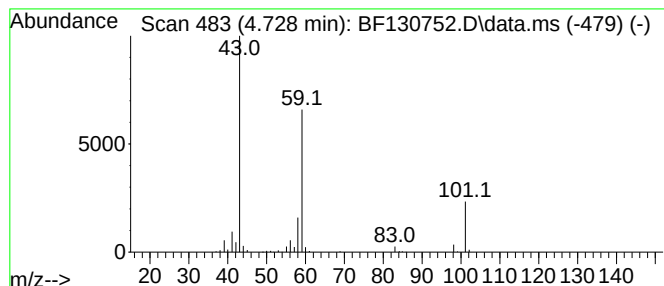
TIC Library : C:\Database\NIST0.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

| R.T.  | EstConc  | Area   | Relative to ISTD       | R.T.  |
|-------|----------|--------|------------------------|-------|
| 4.728 | 18.02 ng | 393002 | 1,4-Dichlorobenzene-d4 | 6.563 |

| Hit# | of                                  | 5   | Tentative ID | MW          | MolForm | CAS# | Qual |
|------|-------------------------------------|-----|--------------|-------------|---------|------|------|
| 1    | 2-Pentanone, 4-hydroxy-4-methyl-    | 116 | C6H12O2      | 000123-42-2 | 56      |      |      |
| 2    | Propane, 2-methyl-2-(1-methyleth... | 116 | C7H16O       | 017348-59-3 | 50      |      |      |
| 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    | Morpholine, 4-methyl-               | 101 | C5H11NO      | 000109-02-4 | 9       |      |      |



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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF102022.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

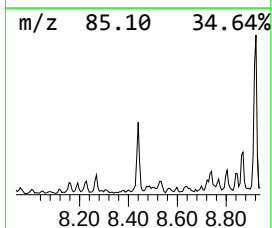
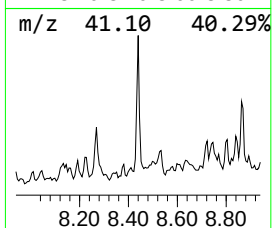
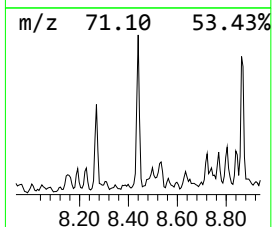
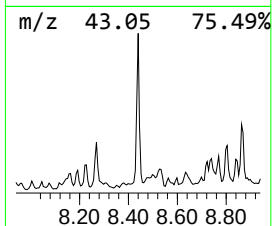
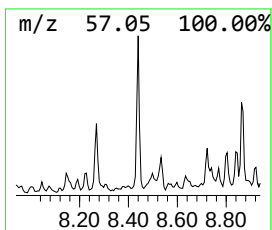
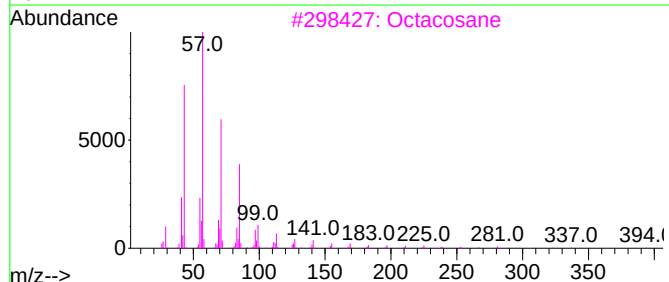
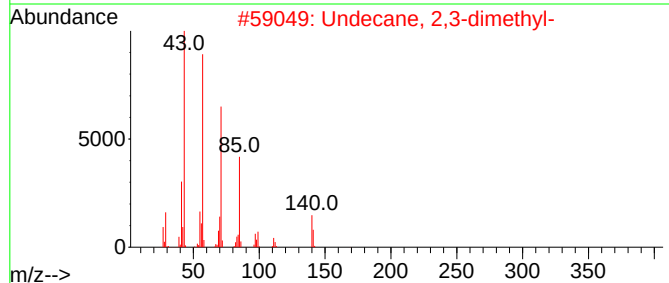
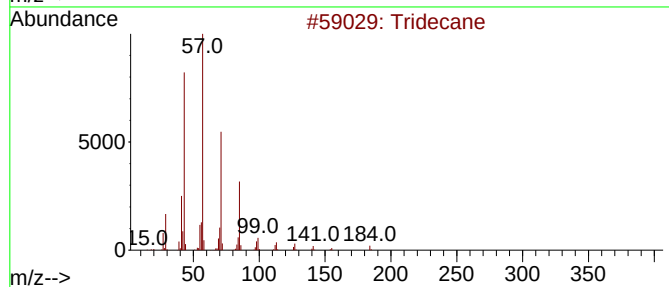
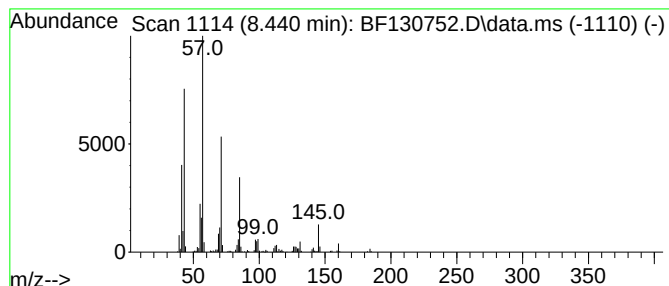
TIC Library : C:\Database\NIST0.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 2 Tridecane Concentration Rank 15

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 8.440 | 6.77 ng | 268531 | Naphthalene-d8   | 7.845 |

| Hit# | of | 5 | Tentative ID            | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------|-----|---------|-------------|------|
| 1    |    |   | Tridecane               | 184 | C13H28  | 000629-50-5 | 94   |
| 2    |    |   | Undecane, 2,3-dimethyl- | 184 | C13H28  | 017312-77-5 | 72   |
| 3    |    |   | Octacosane              | 394 | C28H58  | 000630-02-4 | 64   |
| 4    |    |   | Tetradecane             | 198 | C14H30  | 000629-59-4 | 64   |
| 5    |    |   | Dodecane                | 170 | C12H26  | 000112-40-3 | 64   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102122\  
Data File : BF130752.D  
Acq On : 21 Oct 2022 18:55  
Operator : CG\JU  
Sample : N5184-01  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EO-02-101822

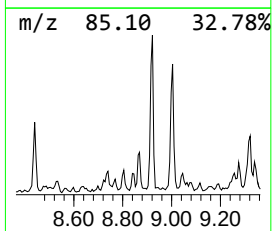
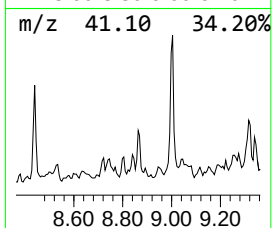
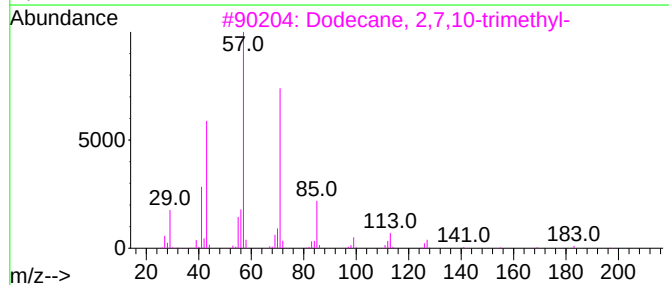
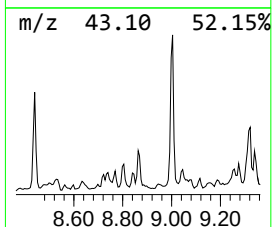
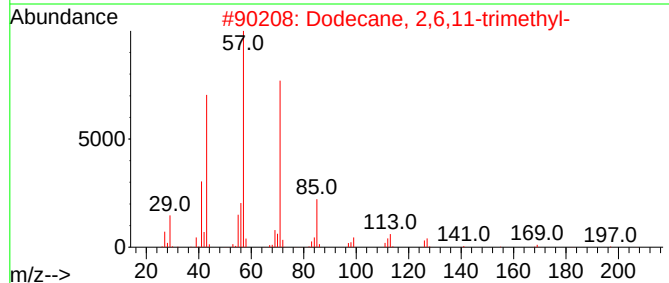
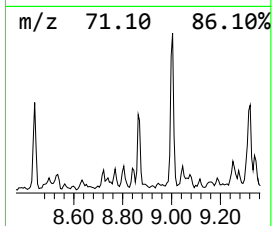
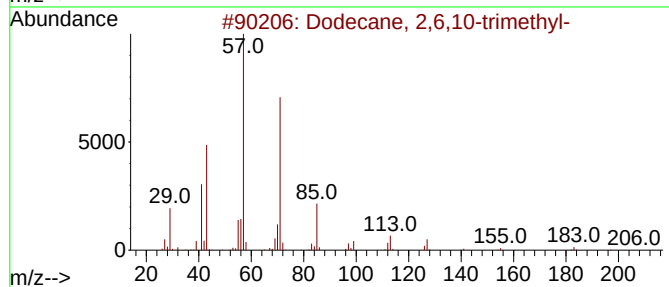
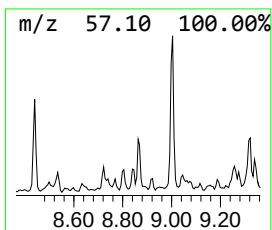
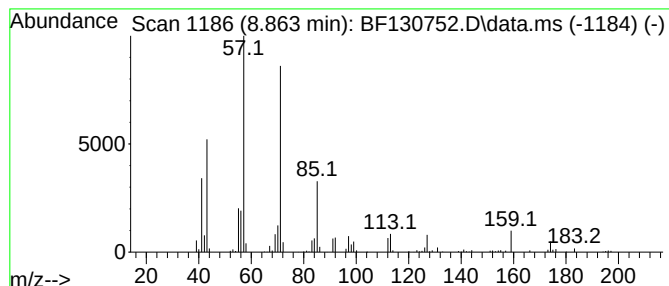
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 3 Dodecane, 2,6,10-trimethyl- Concentration Rank 16

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 8.863 | 6.21 ng | 166964 | Acenaphthene-d10 | 9.592 |

| Hit# | of | 5 | Tentative ID                     | MW  | MolForm  | CAS#         | Qual |
|------|----|---|----------------------------------|-----|----------|--------------|------|
| 1    |    |   | Dodecane, 2,6,10-trimethyl-      | 212 | C15H32   | 003891-98-3  | 86   |
| 2    |    |   | Dodecane, 2,6,11-trimethyl-      | 212 | C15H32   | 031295-56-4  | 86   |
| 3    |    |   | Dodecane, 2,7,10-trimethyl-      | 212 | C15H32   | 074645-98-0  | 86   |
| 4    |    |   | Carbonic acid, octyl vinyl ester | 200 | C11H20O3 | 1000383-25-5 | 53   |
| 5    |    |   | Octane, 2,6-dimethyl-            | 142 | C10H22   | 002051-30-1  | 53   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102122\  
Data File : BF130752.D  
Acq On : 21 Oct 2022 18:55  
Operator : CG\JU  
Sample : N5184-01  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EO-02-101822

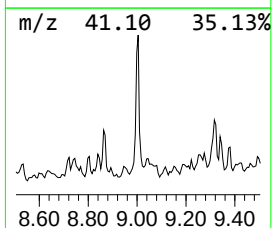
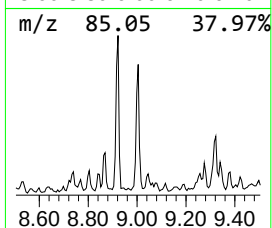
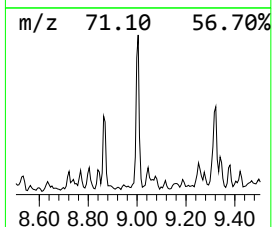
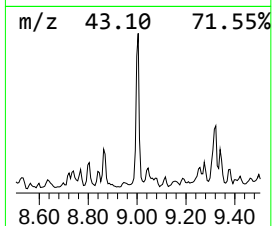
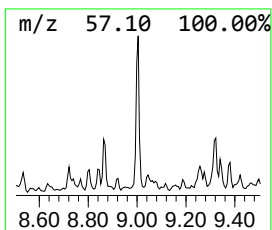
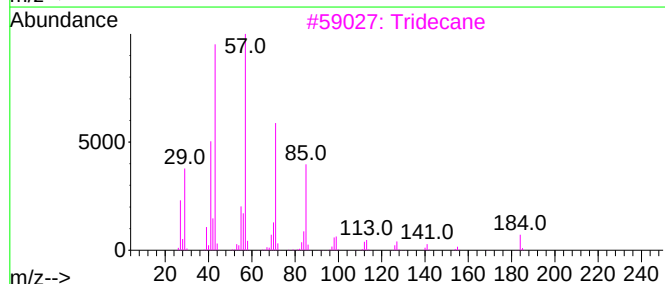
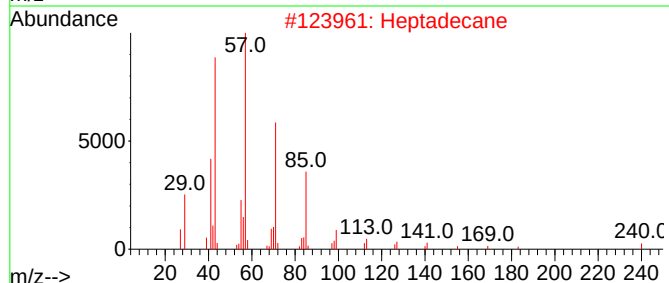
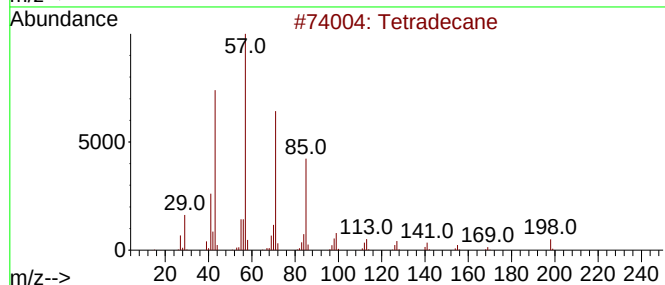
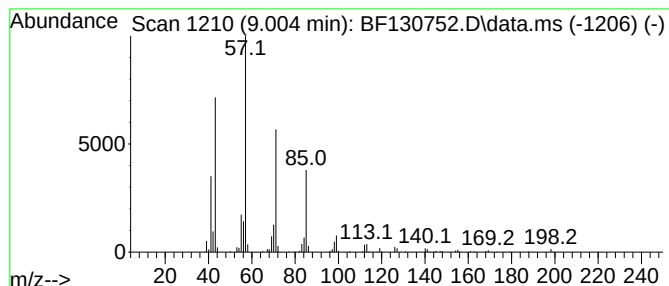
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 4 Tetradecane Concentration Rank 9

| R.T.  | EstConc  | Area   | Relative to ISTD | R.T.  |
|-------|----------|--------|------------------|-------|
| 9.004 | 15.24 ng | 409577 | Acenaphthene-d10 | 9.592 |

| Hit# | of | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------|-----|---------|-------------|------|
| 1    |    |   | Tetradecane  | 198 | C14H30  | 000629-59-4 | 94   |
| 2    |    |   | Heptadecane  | 240 | C17H36  | 000629-78-7 | 90   |
| 3    |    |   | Tridecane    | 184 | C13H28  | 000629-50-5 | 90   |
| 4    |    |   | Hexadecane   | 226 | C16H34  | 000544-76-3 | 90   |
| 5    |    |   | Pentadecane  | 212 | C15H32  | 000629-62-9 | 90   |





Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102122\  
Data File : BF130752.D  
Acq On : 21 Oct 2022 18:55  
Operator : CG\JU  
Sample : N5184-01  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EO-02-101822

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF102022.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

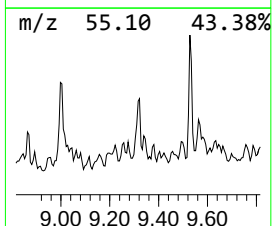
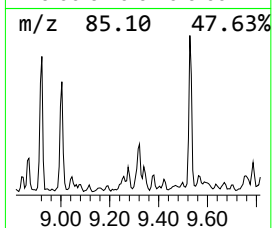
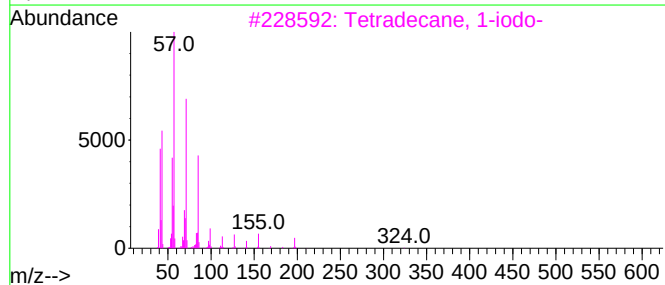
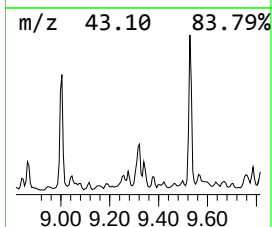
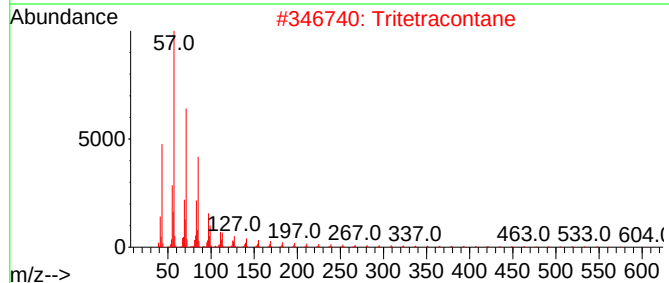
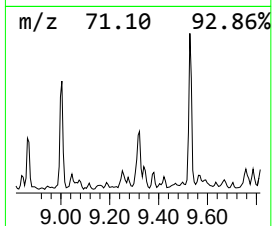
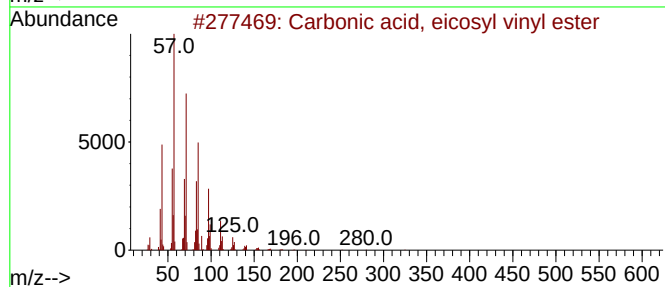
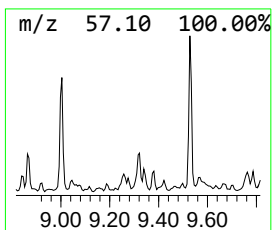
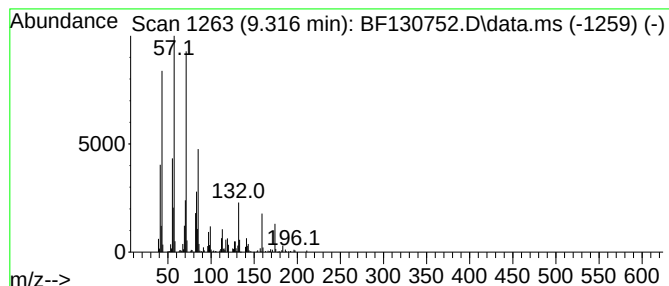
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TIC Integration Parameters: LSCINT.P

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Peak Number 5 Carbonic acid, eicosyl vinyl... Concentration Rank 13

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 9.316 | 8.23 ng | 221205 | Acenaphthene-d10 | 9.592 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|----------|--------------|------|
| 1    |    |   | Carbonic acid, eicosyl vinyl ester  | 368 | C23H44O3 | 1000382-54-3 | 64   |
| 2    |    |   | Tritetracontane                     | 605 | C43H88   | 007098-21-7  | 64   |
| 3    |    |   | Tetradecane, 1-iodo-                | 324 | C14H29I  | 019218-94-1  | 58   |
| 4    |    |   | Undecane, 3,8-dimethyl-             | 184 | C13H28   | 017301-30-3  | 52   |
| 5    |    |   | Heptadecane, 2,6,10,15-tetramethyl- | 296 | C21H44   | 054833-48-6  | 52   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102122\  
Data File : BF130752.D  
Acq On : 21 Oct 2022 18:55  
Operator : CG\JU  
Sample : N5184-01  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EO-02-101822

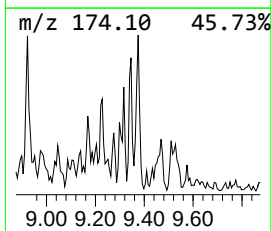
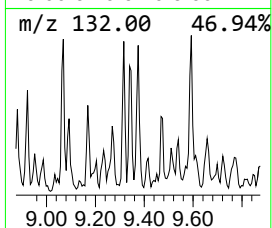
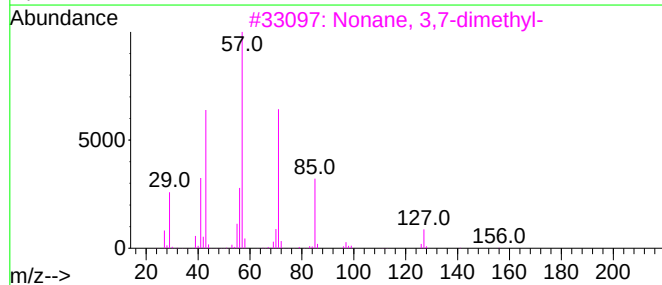
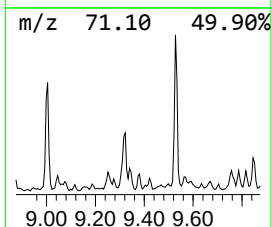
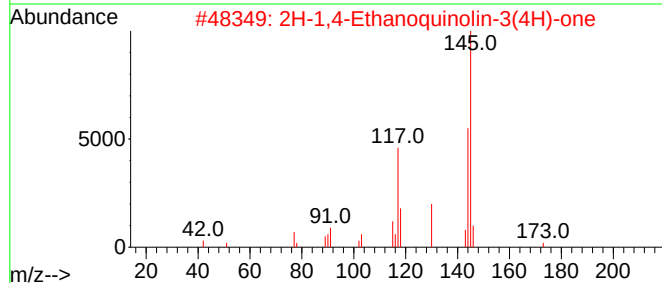
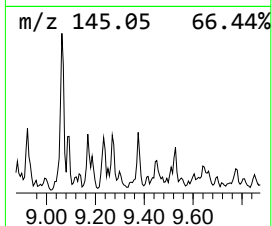
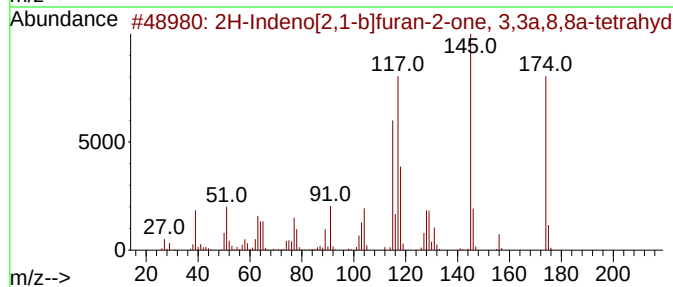
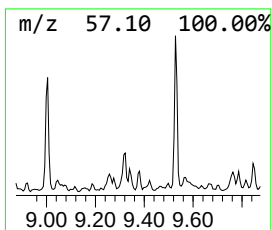
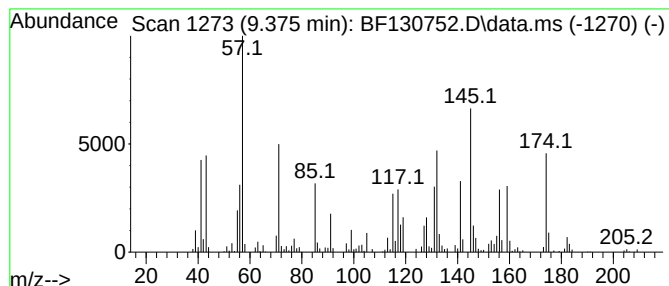
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST0.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 6 unknown9.375 Concentration Rank 20

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 9.375 | 5.55 ng | 149219 | Acenaphthene-d10 | 9.592 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | 2H-Indeno[2,1-b]furan-2-one, 3,3... | 174 | C11H10O2 | 080343-98-2 | 30   |
| 2    |    |   | 2H-1,4-Ethanoquinolin-3(4H)-one     | 173 | C11H11NO | 024562-79-6 | 15   |
| 3    |    |   | Nonane, 3,7-dimethyl-               | 156 | C11H24   | 017302-32-8 | 10   |
| 4    |    |   | Undecane, 3,9-dimethyl-             | 184 | C13H28   | 017301-31-4 | 10   |
| 5    |    |   | Undecane, 2,9-dimethyl-             | 184 | C13H28   | 017301-26-7 | 10   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102122\  
Data File : BF130752.D  
Acq On : 21 Oct 2022 18:55  
Operator : CG\JU  
Sample : N5184-01  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EO-02-101822

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

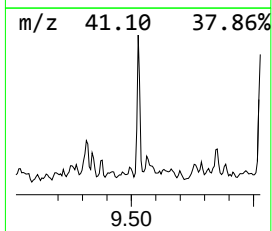
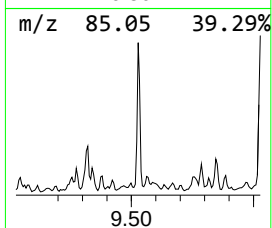
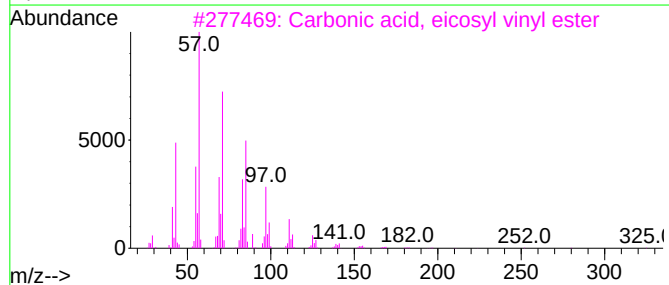
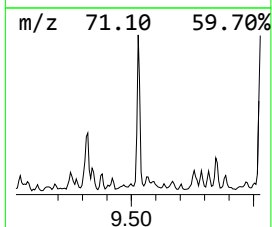
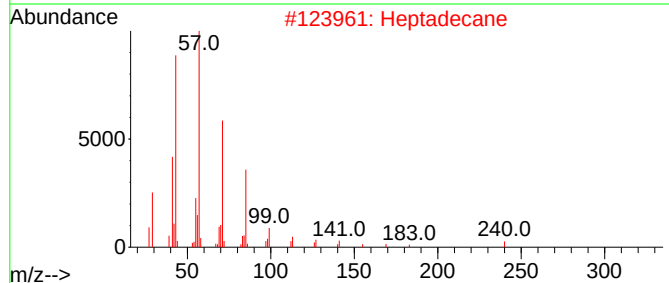
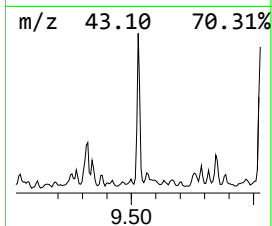
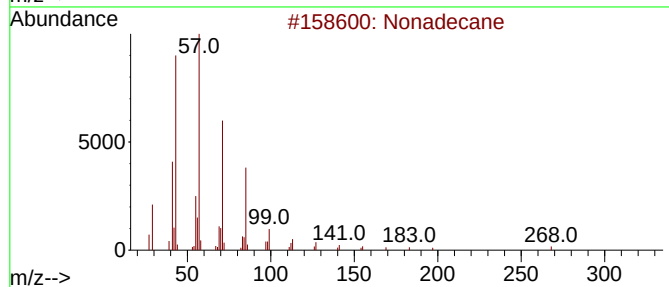
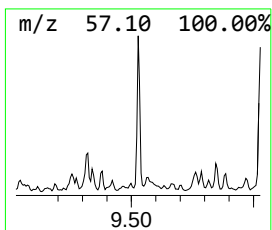
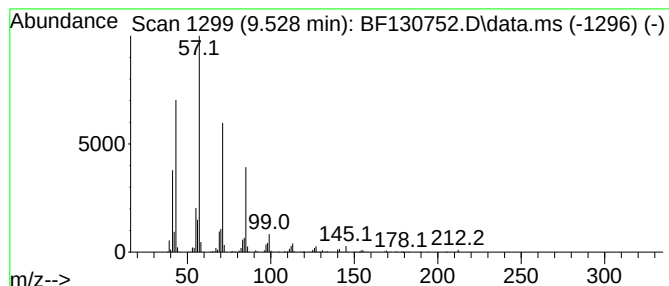
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TIC Integration Parameters: LSCINT.P

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Peak Number 7 Nonadecane Concentration Rank 5

| R.T.  | EstConc  | Area   | Relative to ISTD | R.T.  |
|-------|----------|--------|------------------|-------|
| 9.528 | 18.66 ng | 501309 | Acenaphthene-d10 | 9.592 |

| Hit# | of | 5 | Tentative ID                       | MW  | MolForm  | CAS#         | Qual |
|------|----|---|------------------------------------|-----|----------|--------------|------|
| 1    |    |   | Nonadecane                         | 268 | C19H40   | 000629-92-5  | 90   |
| 2    |    |   | Heptadecane                        | 240 | C17H36   | 000629-78-7  | 90   |
| 3    |    |   | Carbonic acid, eicosyl vinyl ester | 368 | C23H44O3 | 1000382-54-3 | 83   |
| 4    |    |   | Dodecane, 2-methyl-6-propyl-       | 226 | C16H34   | 055045-08-4  | 80   |
| 5    |    |   | Pentadecane                        | 212 | C15H32   | 000629-62-9  | 80   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102122\  
Data File : BF130752.D  
Acq On : 21 Oct 2022 18:55  
Operator : CG\JU  
Sample : N5184-01  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EO-02-101822

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF102022.M  
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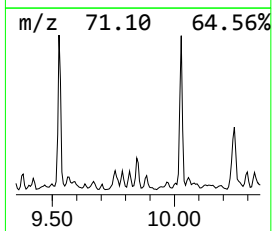
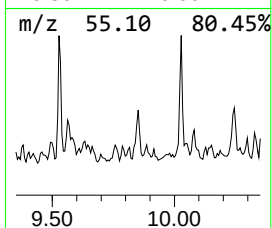
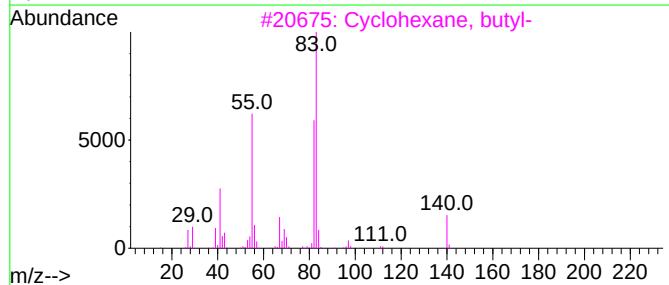
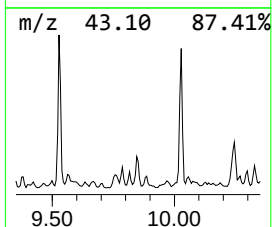
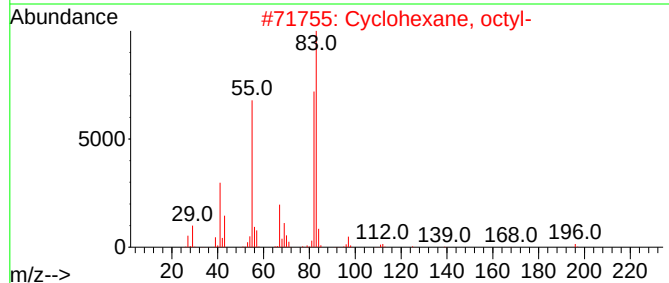
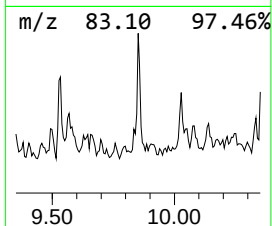
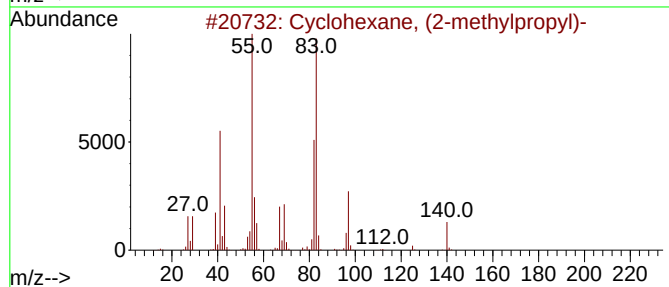
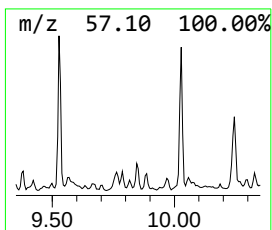
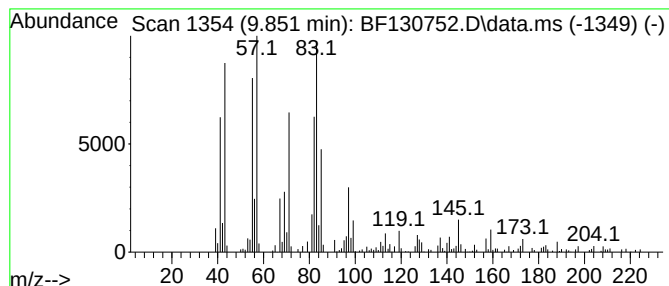
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TIC Integration Parameters: LSCINT.P

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Peak Number 8 unknown9.851 Concentration Rank 18

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 9.851 | 5.90 ng | 158485 | Acenaphthene-d10 | 9.592 |

| Hit# | of 5 | Tentative ID                   | MW  | MolForm  | CAS#        | Qual |
|------|------|--------------------------------|-----|----------|-------------|------|
| 1    |      | Cyclohexane, (2-methylpropyl)- | 140 | C10H20   | 001678-98-4 | 43   |
| 2    |      | Cyclohexane, octyl-            | 196 | C14H28   | 001795-15-9 | 41   |
| 3    |      | Cyclohexane, butyl-            | 140 | C10H20   | 001678-93-9 | 38   |
| 4    |      | 1-Bromodocosane                | 388 | C22H45Br | 006938-66-5 | 38   |
| 5    |      | 2-Methyltetracosane            | 352 | C25H52   | 001560-78-7 | 38   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102122\  
Data File : BF130752.D  
Acq On : 21 Oct 2022 18:55  
Operator : CG\JU  
Sample : N5184-01  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EO-02-101822

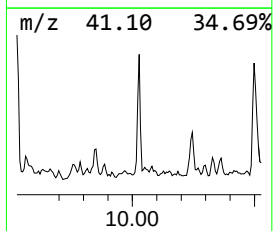
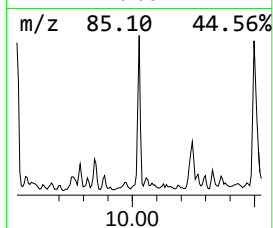
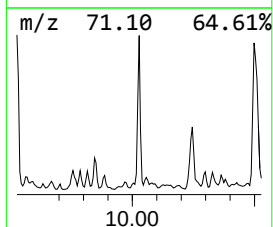
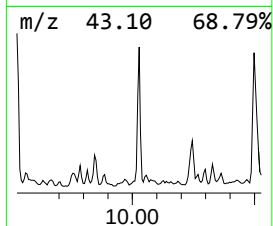
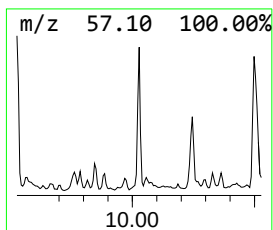
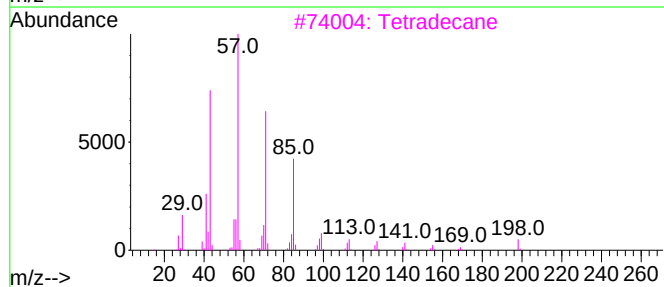
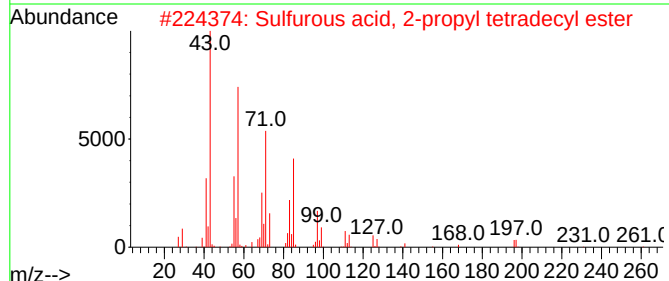
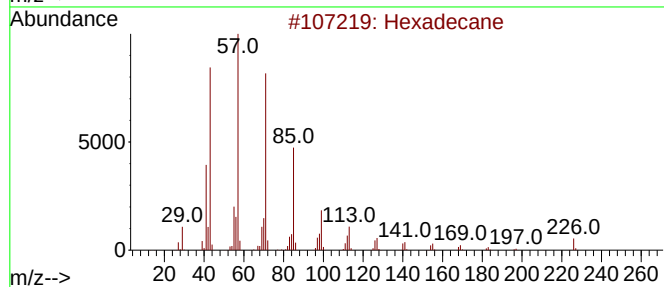
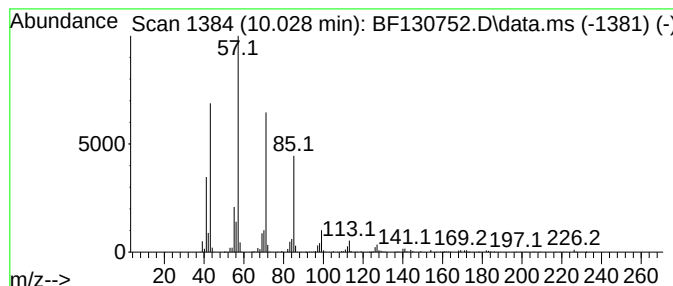
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST0.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 9 Hexadecane Concentration Rank 8

| R.T.   | EstConc  | Area   | Relative to ISTD | R.T.  |
|--------|----------|--------|------------------|-------|
| 10.028 | 16.26 ng | 436957 | Acenaphthene-d10 | 9.592 |

| Hit# | of | 5 | Tentative ID                         | MW  | MolForm   | CAS#         | Qual |
|------|----|---|--------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | Hexadecane                           | 226 | C16H34    | 000544-76-3  | 94   |
| 2    |    |   | Sulfurous acid, 2-propyl tetradec... | 320 | C17H36O3S | 1010309-12-5 | 90   |
| 3    |    |   | Tetradecane                          | 198 | C14H30    | 000629-59-4  | 90   |
| 4    |    |   | Pentadecane                          | 212 | C15H32    | 000629-62-9  | 90   |
| 5    |    |   | Pentadecane, 7-methyl-               | 226 | C16H34    | 006165-40-8  | 87   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102122\  
Data File : BF130752.D  
Acq On : 21 Oct 2022 18:55  
Operator : CG\JU  
Sample : N5184-01  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EO-02-101822

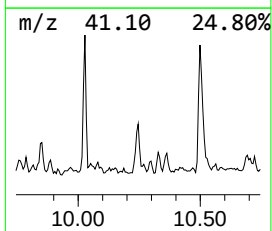
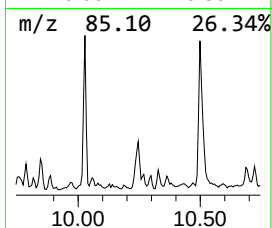
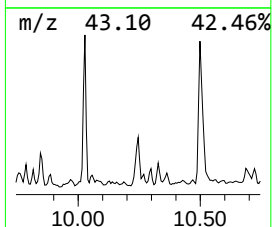
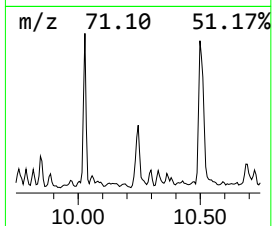
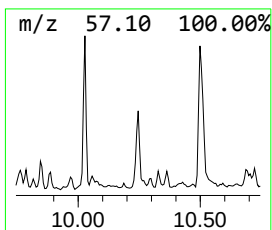
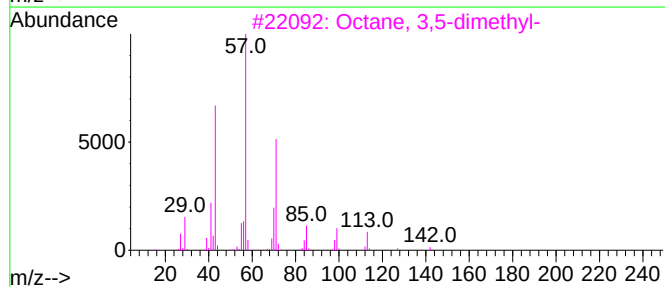
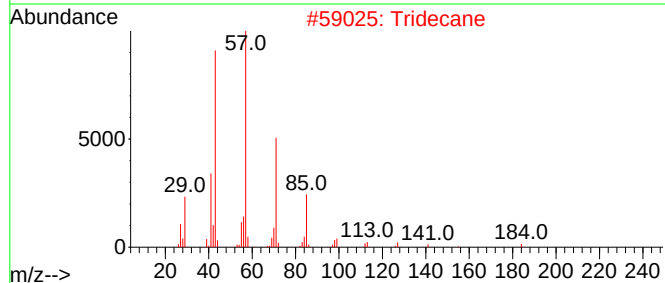
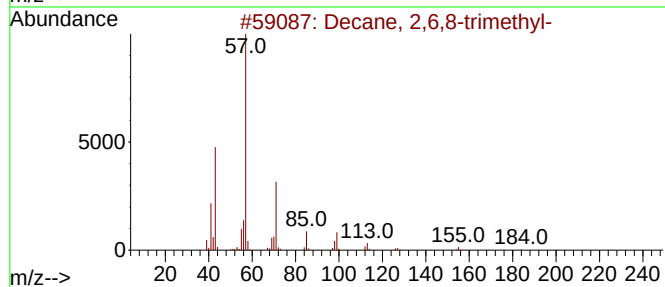
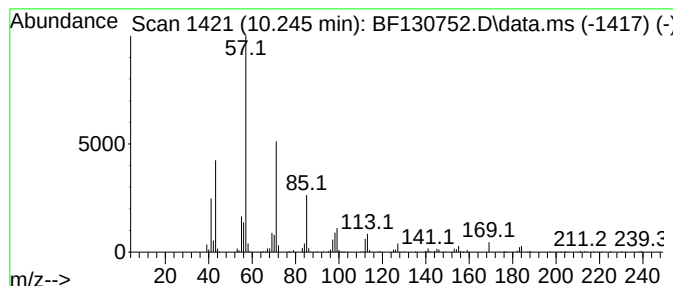
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST0.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 10 Decane, 2,6,8-trimethyl- Concentration Rank 14

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.  |
|--------|---------|--------|------------------|-------|
| 10.245 | 8.22 ng | 220775 | Acenaphthene-d10 | 9.592 |

| Hit# | of | 5 | Tentative ID                       | MW  | MolForm | CAS#        | Qual |
|------|----|---|------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Decane, 2,6,8-trimethyl-           | 184 | C13H28  | 062108-26-3 | 76   |
| 2    |    |   | Tridecane                          | 184 | C13H28  | 000629-50-5 | 72   |
| 3    |    |   | Octane, 3,5-dimethyl-              | 142 | C10H22  | 015869-93-9 | 64   |
| 4    |    |   | Hexadecane, 2,6,10,14-tetramethyl- | 282 | C20H42  | 000638-36-8 | 64   |
| 5    |    |   | Hexadecane                         | 226 | C16H34  | 000544-76-3 | 64   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102122\  
Data File : BF130752.D  
Acq On : 21 Oct 2022 18:55  
Operator : CG\JU  
Sample : N5184-01  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EO-02-101822

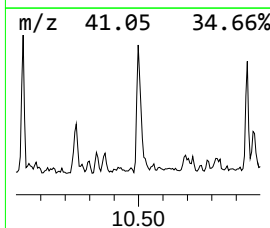
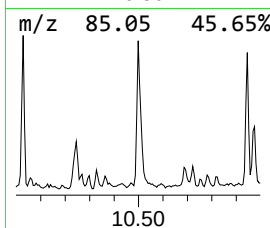
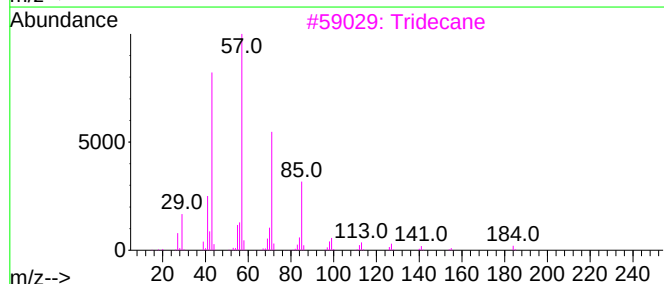
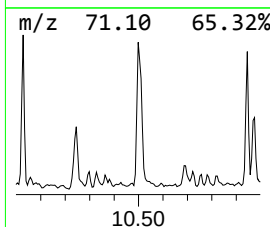
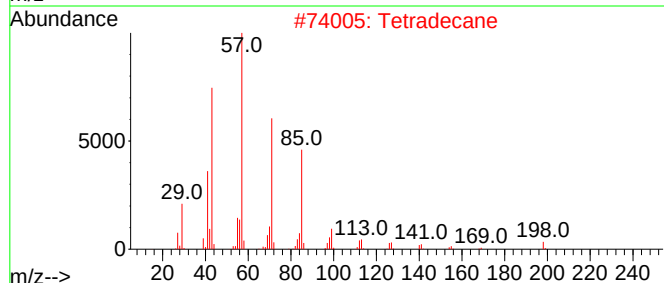
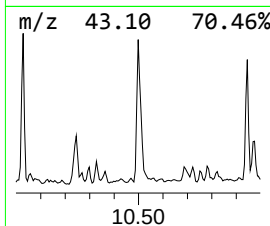
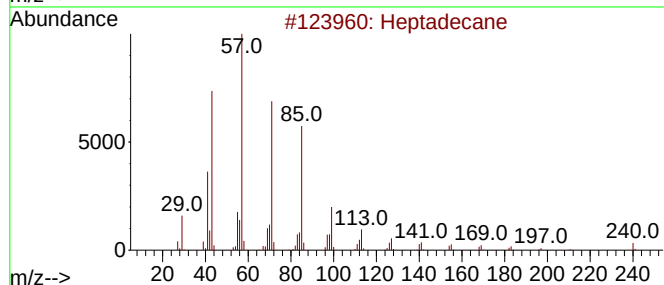
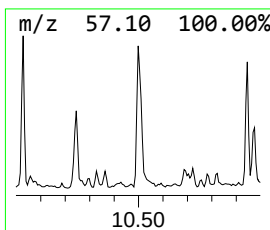
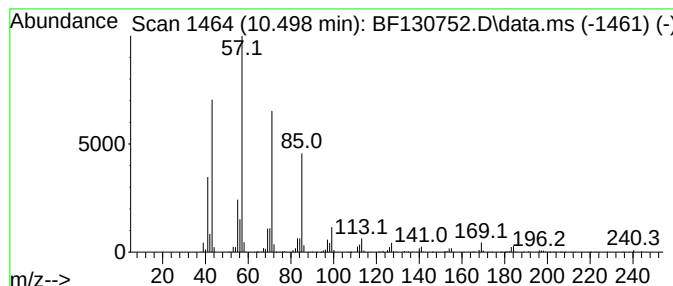
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 11 Heptadecane Concentration Rank 3

| R.T.   | EstConc  | Area   | Relative to ISTD | R.T.   |
|--------|----------|--------|------------------|--------|
| 10.498 | 28.90 ng | 739322 | Phenanthrene-d10 | 11.075 |

| Hit# | of | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------|-----|---------|-------------|------|
| 1    |    |   | Heptadecane  | 240 | C17H36  | 000629-78-7 | 97   |
| 2    |    |   | Tetradecane  | 198 | C14H30  | 000629-59-4 | 95   |
| 3    |    |   | Tridecane    | 184 | C13H28  | 000629-50-5 | 93   |
| 4    |    |   | Heneicosane  | 296 | C21H44  | 000629-94-7 | 90   |
| 5    |    |   | Tetracosane  | 338 | C24H50  | 000646-31-1 | 87   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102122\  
Data File : BF130752.D  
Acq On : 21 Oct 2022 18:55  
Operator : CG\JU  
Sample : N5184-01  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EO-02-101822

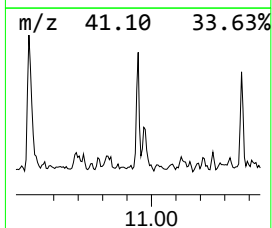
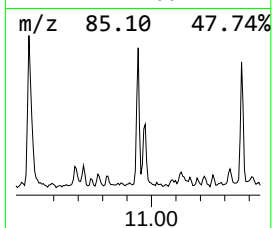
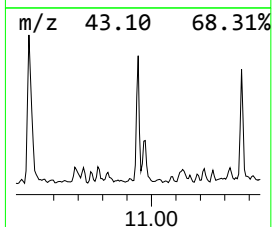
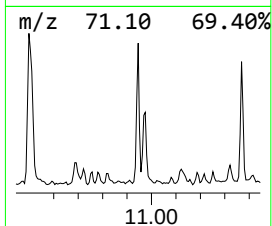
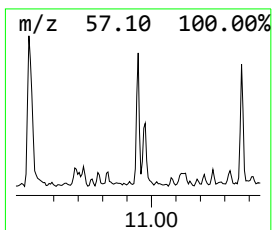
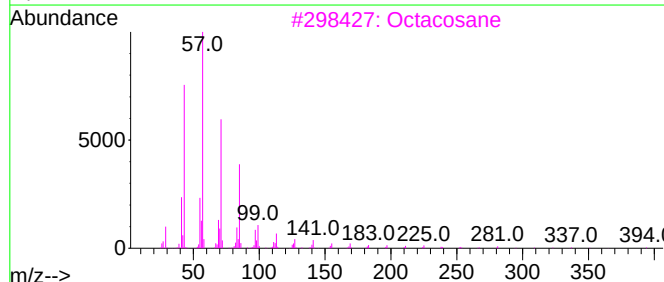
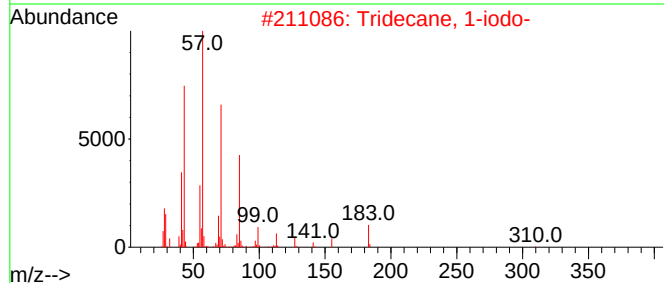
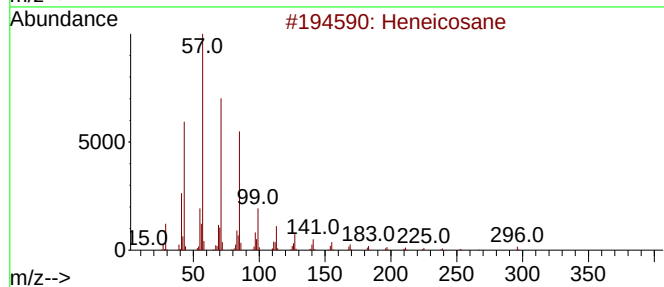
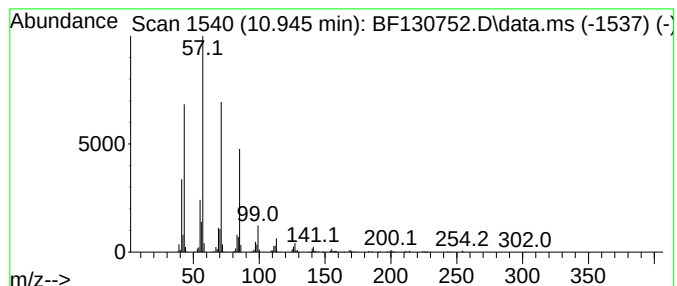
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 12 Heneicosane Concentration Rank 7

| R.T.   | EstConc  | Area   | Relative to ISTD | R.T.   |
|--------|----------|--------|------------------|--------|
| 10.945 | 17.03 ng | 435520 | Phenanthrene-d10 | 11.075 |

| Hit# | of | 5 | Tentative ID       | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------------|-----|---------|-------------|------|
| 1    |    |   | Heneicosane        | 296 | C21H44  | 000629-94-7 | 91   |
| 2    |    |   | Tridecane, 1-iodo- | 310 | C13H27I | 035599-77-0 | 91   |
| 3    |    |   | Octacosane         | 394 | C28H58  | 000630-02-4 | 90   |
| 4    |    |   | Nonadecane         | 268 | C19H40  | 000629-92-5 | 87   |
| 5    |    |   | Dodecane           | 170 | C12H26  | 000112-40-3 | 87   |





Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102122\  
Data File : BF130752.D  
Acq On : 21 Oct 2022 18:55  
Operator : CG\JU  
Sample : N5184-01  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EO-02-101822

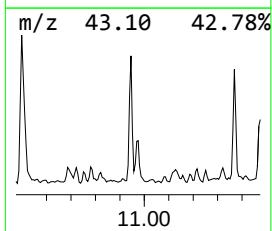
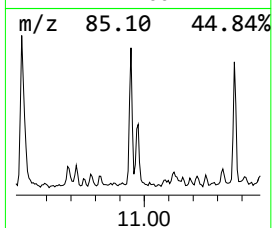
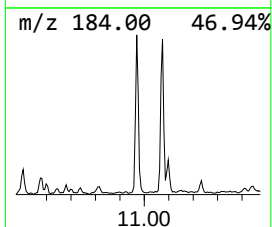
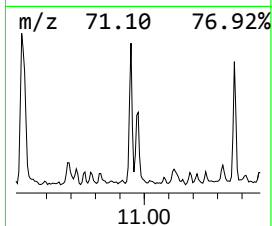
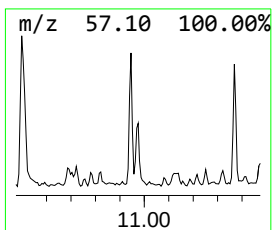
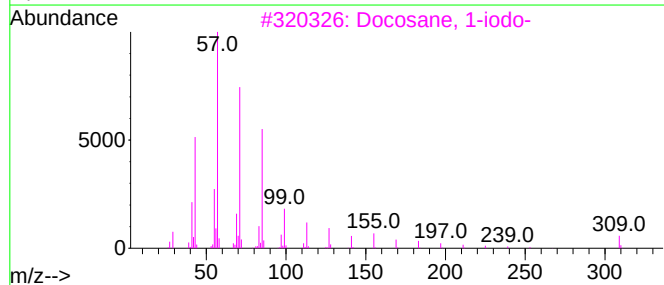
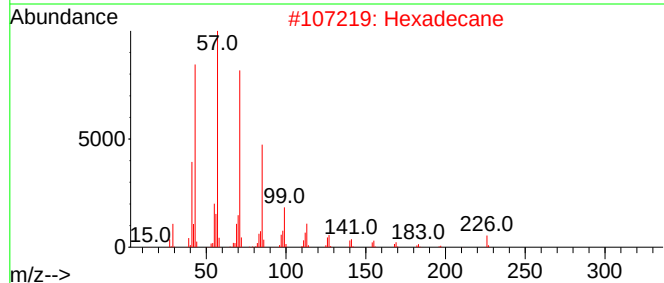
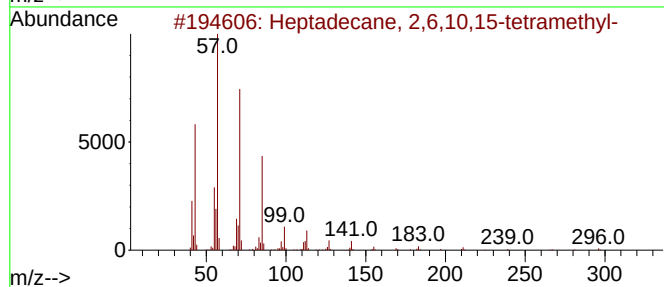
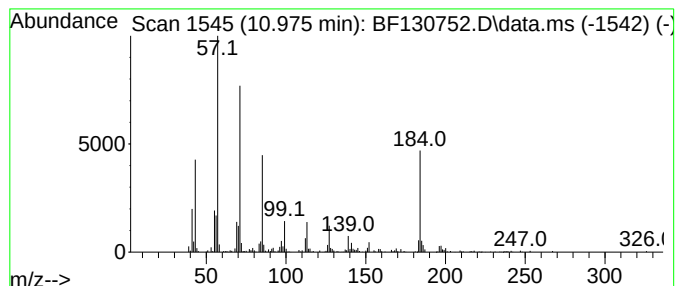
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST0.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 13 Heptadecane, 2,6,10,15-tetr... Concentration Rank 11

| R.T.      | EstConc                             | Area   | Relative to ISTD | R.T.         |      |
|-----------|-------------------------------------|--------|------------------|--------------|------|
| 10.975    | 13.40 ng                            | 342697 | Phenanthrene-d10 | 11.075       |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm          | CAS#         | Qual |
| 1         | Heptadecane, 2,6,10,15-tetramethyl- | 296    | C21H44           | 054833-48-6  | 68   |
| 2         | Hexadecane                          | 226    | C16H34           | 000544-76-3  | 68   |
| 3         | Docosane, 1-iodo-                   | 436    | C22H45I          | 1000406-31-9 | 68   |
| 4         | Octadecane                          | 254    | C18H38           | 000593-45-3  | 64   |
| 5         | Eicosane, 1-iodo-                   | 408    | C20H41I          | 1000406-31-8 | 64   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102122\  
Data File : BF130752.D  
Acq On : 21 Oct 2022 18:55  
Operator : CG\JU  
Sample : N5184-01  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EO-02-101822

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

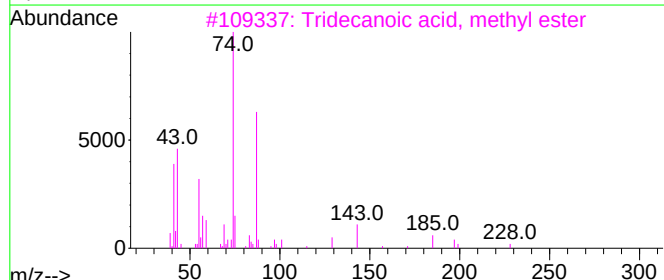
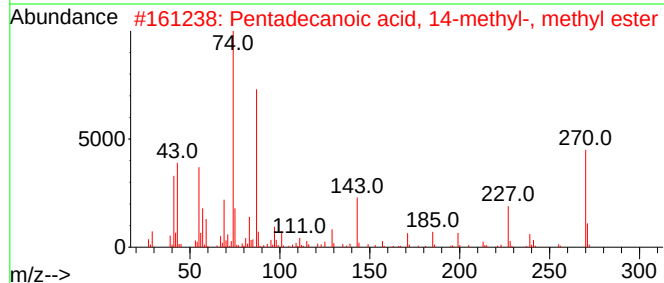
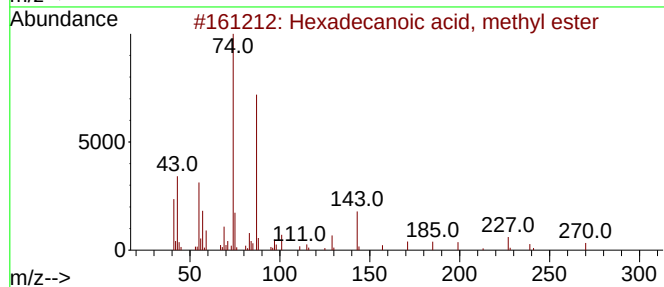
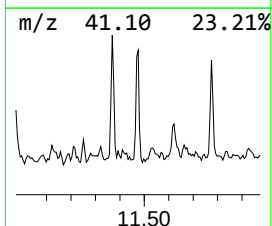
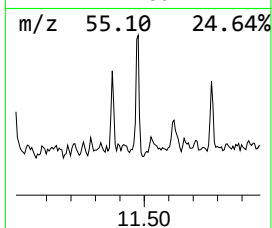
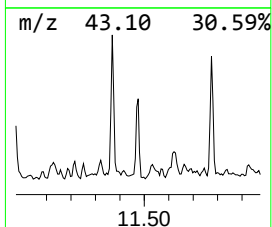
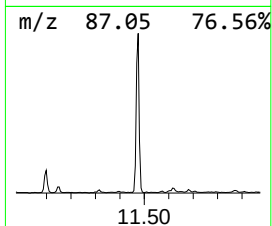
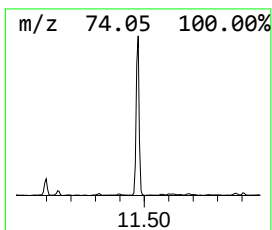
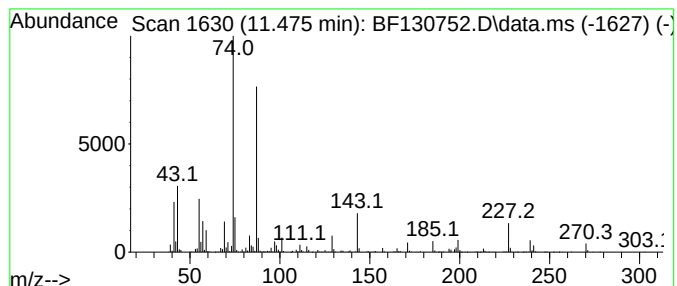
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TIC Integration Parameters: LSCINT.P

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Peak Number 15 Hexadecanoic acid, methyl e... Concentration Rank 4

| R.T.   | EstConc  | Area   | Relative to ISTD | R.T.   |
|--------|----------|--------|------------------|--------|
| 11.475 | 19.45 ng | 497528 | Phenanthrene-d10 | 11.075 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | Hexadecanoic acid, methyl ester     | 270 | C17H34O2 | 000112-39-0 | 98   |
| 2    |    |   | Pentadecanoic acid, 14-methyl-, ... | 270 | C17H34O2 | 005129-60-2 | 94   |
| 3    |    |   | Tridecanoic acid, methyl ester      | 228 | C14H28O2 | 001731-88-0 | 90   |
| 4    |    |   | Pentadecanoic acid, methyl ester    | 256 | C16H32O2 | 007132-64-1 | 86   |
| 5    |    |   | Methyl tetradecanoate               | 242 | C15H30O2 | 000124-10-7 | 83   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102122\  
Data File : BF130752.D  
Acq On : 21 Oct 2022 18:55  
Operator : CG\JU  
Sample : N5184-01  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

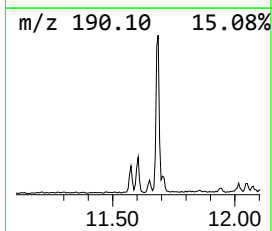
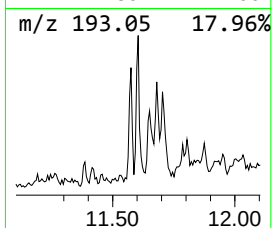
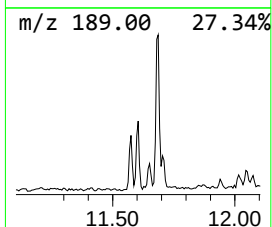
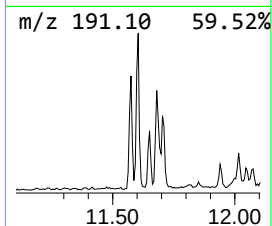
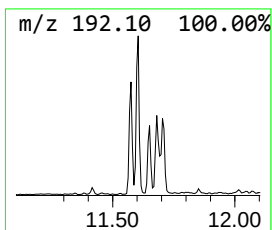
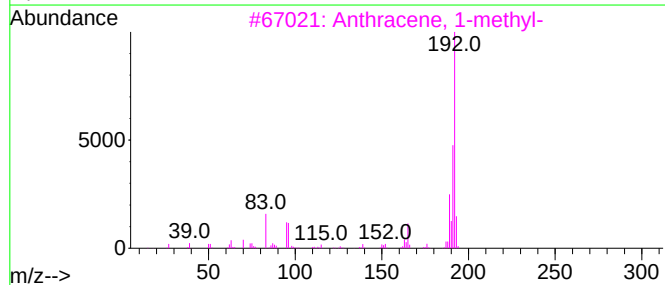
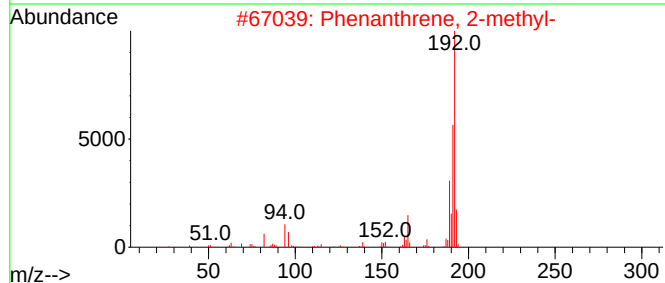
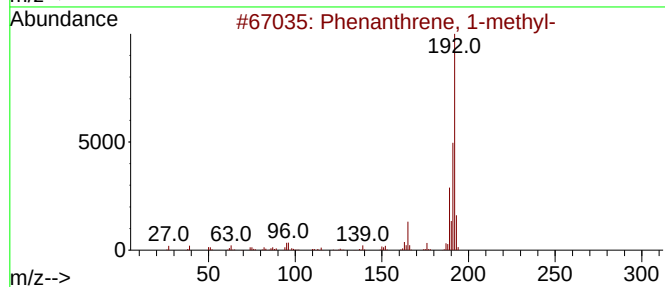
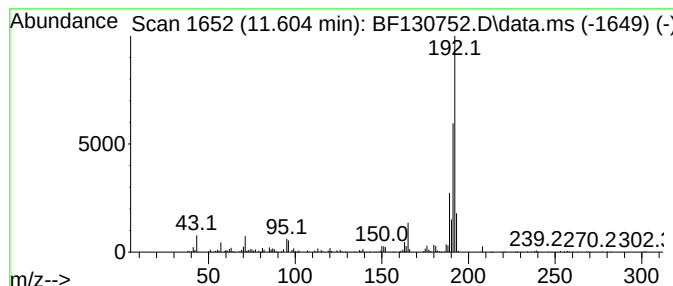
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BNA\_F  
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EO-02-101822

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF102022.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST0.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 16 Phenanthrene, 1-methyl- Concentration Rank 17

| R.T.      | EstConc                 | Area   | Relative to ISTD |         | R.T.        |      |
|-----------|-------------------------|--------|------------------|---------|-------------|------|
| 11.604    | 6.09 ng                 | 155694 | Phenanthrene-d10 |         | 11.075      |      |
| Hit# of 5 | Tentative ID            |        | MW               | MolForm | CAS#        | Qual |
| 1         | Phenanthrene, 1-methyl- |        | 192              | C15H12  | 000832-69-9 | 94   |
| 2         | Phenanthrene, 2-methyl- |        | 192              | C15H12  | 002531-84-2 | 93   |
| 3         | Anthracene, 1-methyl-   |        | 192              | C15H12  | 000610-48-0 | 91   |
| 4         | Anthracene, 2-methyl-   |        | 192              | C15H12  | 000613-12-7 | 91   |
| 5         | Anthracene, 9-methyl-   |        | 192              | C15H12  | 000779-02-2 | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102122\  
Data File : BF130752.D  
Acq On : 21 Oct 2022 18:55  
Operator : CG\JU  
Sample : N5184-01  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

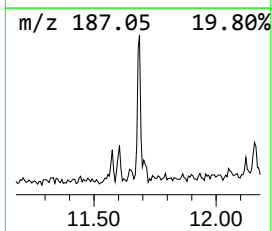
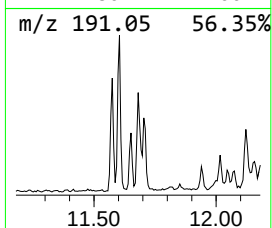
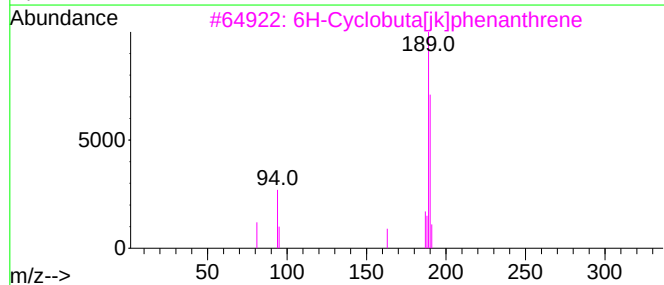
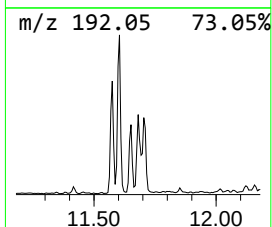
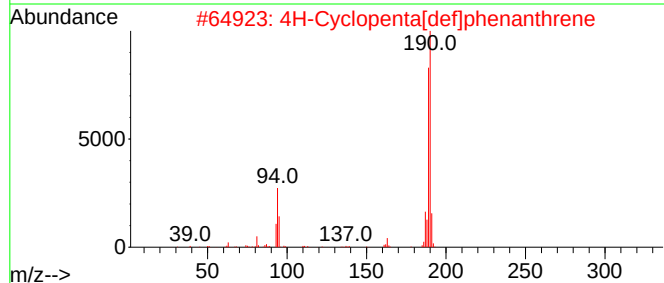
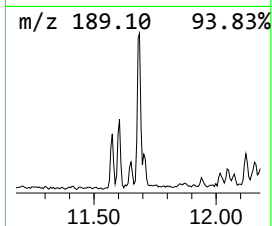
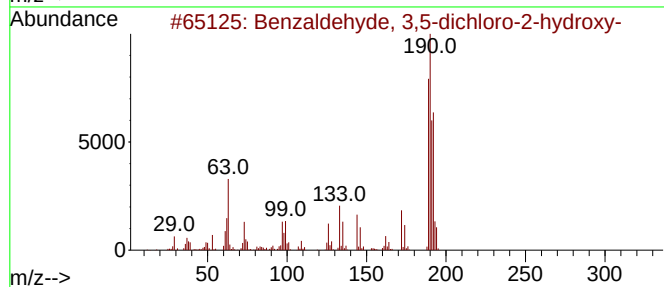
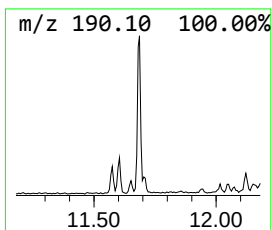
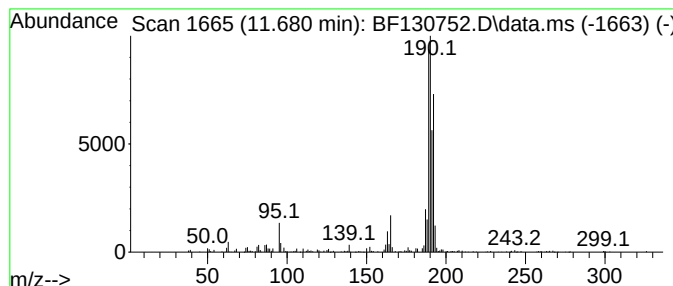
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ClientSampleId :  
EO-02-101822

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF102022.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 17 Benzaldehyde, 3,5-dichloro-... Concentration Rank 19

| R.T.   | EstConc | Area                                | Relative to ISTD |           |             | R.T.   |
|--------|---------|-------------------------------------|------------------|-----------|-------------|--------|
| 11.681 | 5.62 ng | 143808                              | Phenanthrene-d10 |           |             | 11.075 |
| Hit#   | of 5    | Tentative ID                        | MW               | MolForm   | CAS#        | Qual   |
| 1      |         | Benzaldehyde, 3,5-dichloro-2-hyd... | 190              | C7H4Cl2O2 | 000090-60-8 | 72     |
| 2      |         | 4H-Cyclopenta[def]phenanthrene      | 190              | C15H10    | 000203-64-5 | 62     |
| 3      |         | 6H-Cyclobuta[jk]phenanthrene        | 190              | C15H10    | 083469-43-6 | 52     |
| 4      |         | Phenanthrene, 1-methyl-             | 192              | C15H12    | 000832-69-9 | 42     |
| 5      |         | 1H-Indene, 2-phenyl-                | 192              | C15H12    | 004505-48-0 | 38     |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102122\  
Data File : BF130752.D  
Acq On : 21 Oct 2022 18:55  
Operator : CG\JU  
Sample : N5184-01  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EO-02-101822

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF102022.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

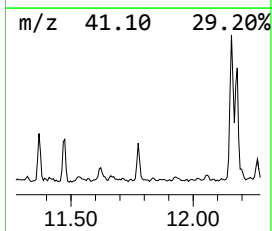
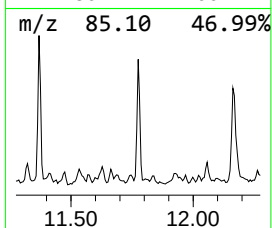
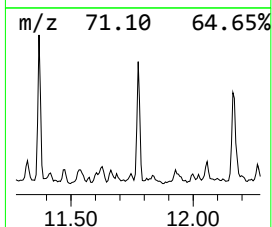
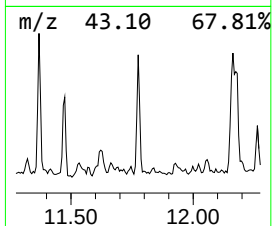
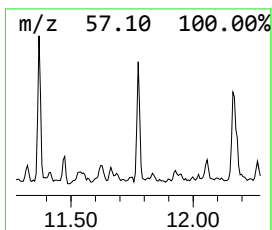
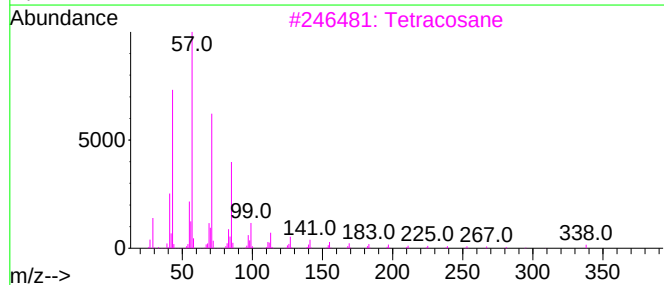
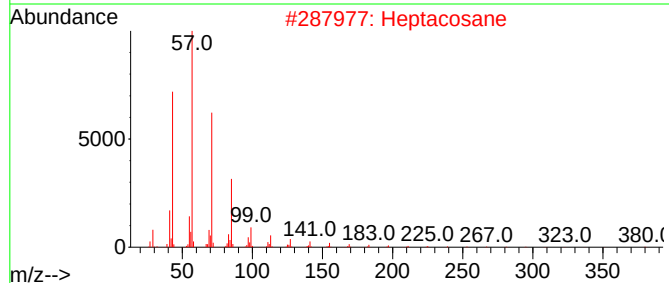
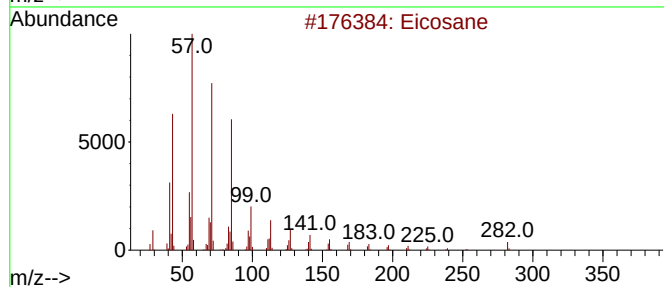
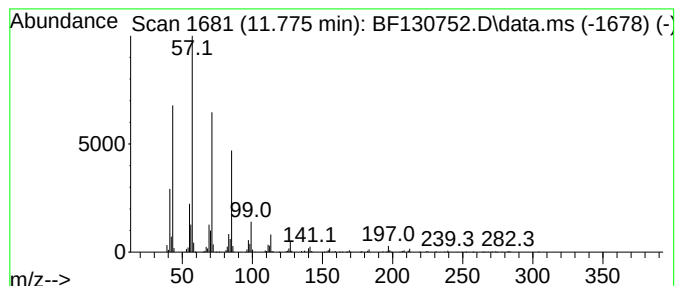
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Peak Number 18 Eicosane Concentration Rank 12

| R.T.   | EstConc  | Area   | Relative to ISTD | R.T.   |
|--------|----------|--------|------------------|--------|
| 11.775 | 12.09 ng | 309212 | Phenanthrene-d10 | 11.075 |

| Hit# | of | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------|-----|---------|-------------|------|
| 1    |    |   | Eicosane     | 282 | C20H42  | 000112-95-8 | 97   |
| 2    |    |   | Heptacosane  | 380 | C27H56  | 000593-49-7 | 91   |
| 3    |    |   | Tetracosane  | 338 | C24H50  | 000646-31-1 | 91   |
| 4    |    |   | Octadecane   | 254 | C18H38  | 000593-45-3 | 91   |
| 5    |    |   | Nonadecane   | 268 | C19H40  | 000629-92-5 | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102122\  
Data File : BF130752.D  
Acq On : 21 Oct 2022 18:55  
Operator : CG\JU  
Sample : N5184-01  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EO-02-101822

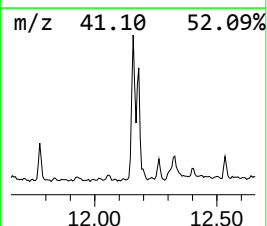
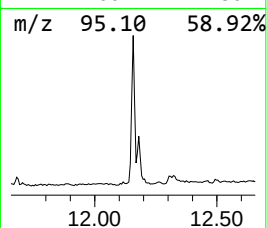
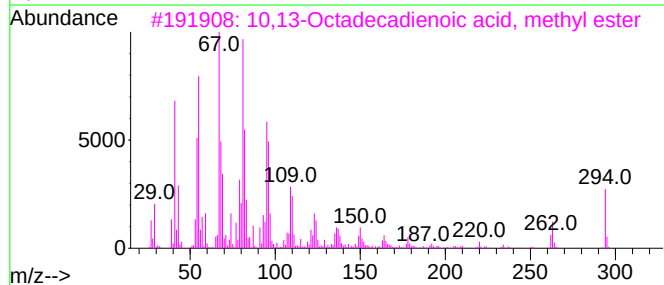
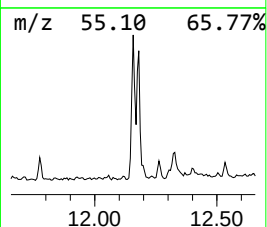
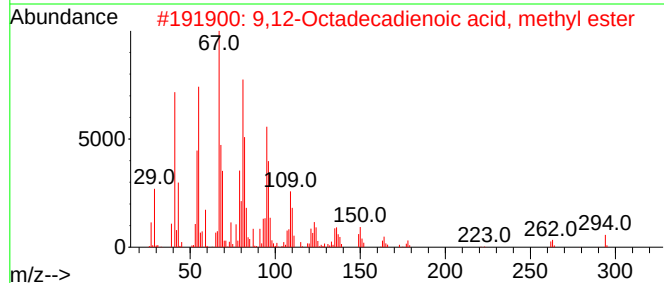
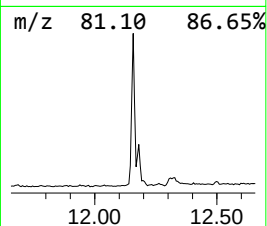
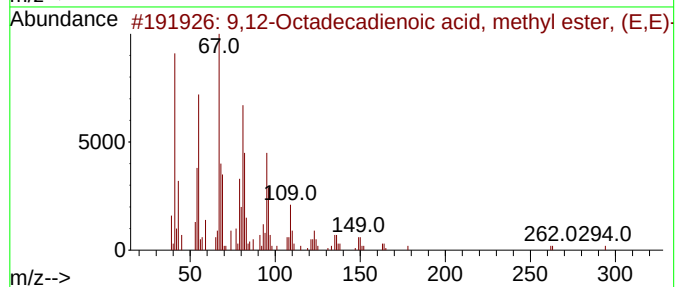
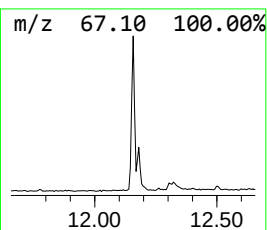
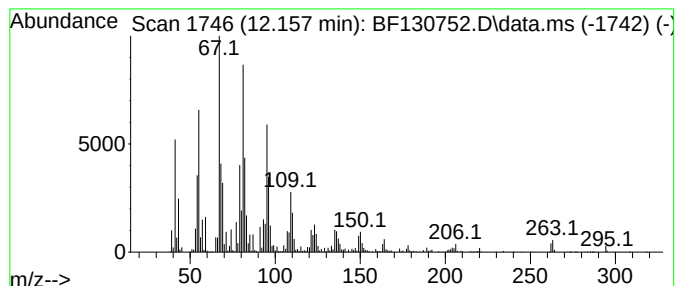
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST0.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 19 9,12-Octadecadienoic acid, ... Concentration Rank 1

| R.T.      | EstConc                             | Area    | Relative to ISTD | R.T.        |      |
|-----------|-------------------------------------|---------|------------------|-------------|------|
| 12.157    | 71.83 ng                            | 1837270 | Phenanthrene-d10 | 11.075      |      |
| Hit# of 5 | Tentative ID                        | MW      | MolForm          | CAS#        | Qual |
| 1         | 9,12-Octadecadienoic acid, methy... | 294     | C19H34O2         | 002566-97-4 | 99   |
| 2         | 9,12-Octadecadienoic acid, methy... | 294     | C19H34O2         | 002462-85-3 | 99   |
| 3         | 10,13-Octadecadienoic acid, meth... | 294     | C19H34O2         | 056554-62-2 | 99   |
| 4         | 9,15-Octadecadienoic acid, methy... | 294     | C19H34O2         | 017309-05-6 | 99   |
| 5         | 9,12-Octadecadienoic acid (Z,Z)-... | 294     | C19H34O2         | 000112-63-0 | 99   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102122\  
Data File : BF130752.D  
Acq On : 21 Oct 2022 18:55  
Operator : CG\JU  
Sample : N5184-01  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EO-02-101822

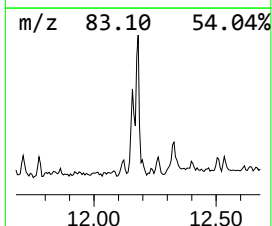
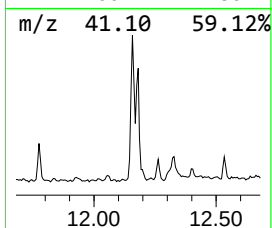
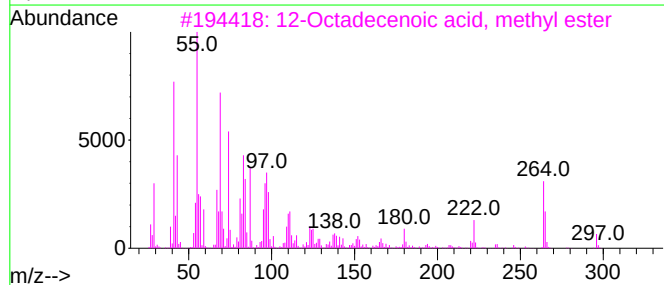
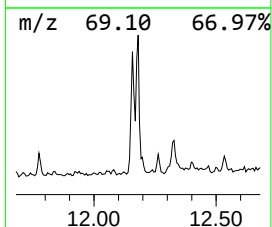
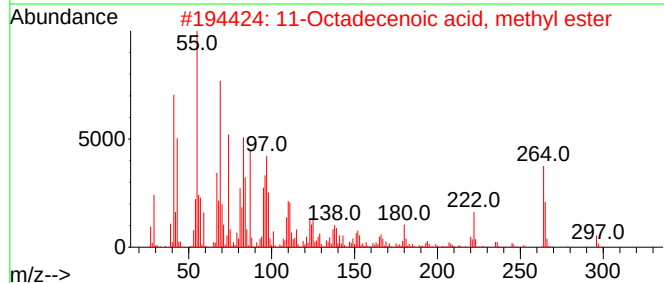
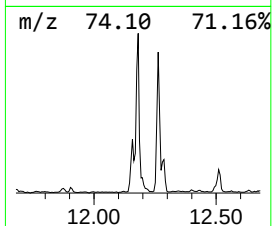
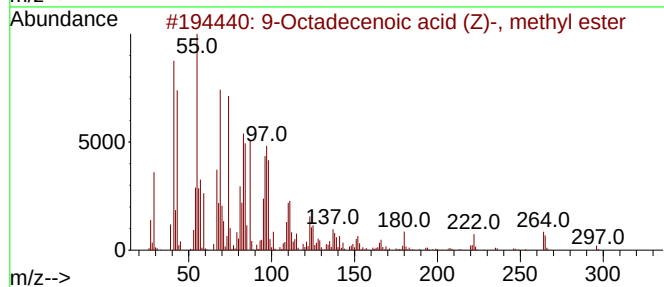
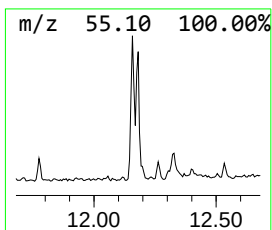
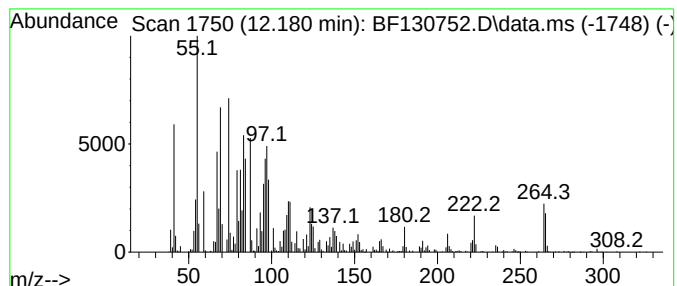
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF102022.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 20 9-Octadecenoic acid (Z)-, m... Concentration Rank 2

| R.T.      | EstConc                             | Area   | Relative to ISTD | R.T.         |      |
|-----------|-------------------------------------|--------|------------------|--------------|------|
| 12.181    | 37.49 ng                            | 958917 | Phenanthrene-d10 | 11.075       |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm          | CAS#         | Qual |
| 1         | 9-Octadecenoic acid (Z)-, methyl... | 296    | C19H36O2         | 000112-62-9  | 99   |
| 2         | 11-Octadecenoic acid, methyl ester  | 296    | C19H36O2         | 052380-33-3  | 99   |
| 3         | 12-Octadecenoic acid, methyl ester  | 296    | C19H36O2         | 056554-46-2  | 96   |
| 4         | 15-Octadecenoic acid, methyl ester  | 296    | C19H36O2         | 004764-72-1  | 95   |
| 5         | (Z)-15-Octadecenoic acid methyl ... | 296    | C19H36O2         | 1000427-69-3 | 95   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102122\  
 Data File : BF130752.D  
 Acq On : 21 Oct 2022 18:55  
 Operator : CG\JU  
 Sample : N5184-01  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 EO-02-101822

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF102022.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-... | 4.728  | 18.0    | ng    | 393002   | 1                     | 6.563  | 436200 | 20.0 |
| Tridecane          | 8.440  | 6.8     | ng    | 268531   | 2                     | 7.845  | 793506 | 20.0 |
| Dodecane, 2,6,1... | 8.863  | 6.2     | ng    | 166964   | 3                     | 9.592  | 537370 | 20.0 |
| Tetradecane        | 9.004  | 15.2    | ng    | 409577   | 3                     | 9.592  | 537370 | 20.0 |
| Carbonic acid, ... | 9.316  | 8.2     | ng    | 221205   | 3                     | 9.592  | 537370 | 20.0 |
| unknown9.375       | 9.375  | 5.5     | ng    | 149219   | 3                     | 9.592  | 537370 | 20.0 |
| Nonadecane         | 9.528  | 18.7    | ng    | 501309   | 3                     | 9.592  | 537370 | 20.0 |
| unknown9.851       | 9.851  | 5.9     | ng    | 158485   | 3                     | 9.592  | 537370 | 20.0 |
| Hexadecane         | 10.028 | 16.3    | ng    | 436957   | 3                     | 9.592  | 537370 | 20.0 |
| Decane, 2,6,8-t... | 10.245 | 8.2     | ng    | 220775   | 3                     | 9.592  | 537370 | 20.0 |
| Heptadecane        | 10.498 | 28.9    | ng    | 739322   | 4                     | 11.075 | 511578 | 20.0 |
| Heneicosane        | 10.945 | 17.0    | ng    | 435520   | 4                     | 11.075 | 511578 | 20.0 |
| Heptadecane, 2,... | 10.975 | 13.4    | ng    | 342697   | 4                     | 11.075 | 511578 | 20.0 |
| Hexadecanoic ac... | 11.475 | 19.4    | ng    | 497528   | 4                     | 11.075 | 511578 | 20.0 |
| Phenanthrene, 1... | 11.604 | 6.1     | ng    | 155694   | 4                     | 11.075 | 511578 | 20.0 |
| Benzaldehyde, 3... | 11.681 | 5.6     | ng    | 143808   | 4                     | 11.075 | 511578 | 20.0 |
| Eicosane           | 11.775 | 12.1    | ng    | 309212   | 4                     | 11.075 | 511578 | 20.0 |
| 9,12-Octadecadi... | 12.157 | 71.8    | ng    | 1837270  | 4                     | 11.075 | 511578 | 20.0 |
| 9-Octadecenoic ... | 12.181 | 37.5    | ng    | 958917   | 4                     | 11.075 | 511578 | 20.0 |