

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF050321\  
 Data File : BF123793.D  
 Acq On : 3 May 2021 22:50  
 Operator : JU/CG  
 Sample : M2217-18  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 HTRCV2-GRAB-CF02-02

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-BF042721.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF123793.D\data.ms

| peak<br># | R.T.<br>min | first<br>scan | max<br>scan | last<br>scan | PK<br>TY | peak<br>height | corr.<br>area | corr.<br>% max. | % of<br>total |
|-----------|-------------|---------------|-------------|--------------|----------|----------------|---------------|-----------------|---------------|
| 1         | 2.199       | 14            | 19          | 25           | rBV      | 205485         | 249343        | 3.72%           | 0.346%        |
| 2         | 2.940       | 130           | 145         | 152          | rVB2     | 72189          | 207204        | 3.10%           | 0.287%        |
| 3         | 3.863       | 299           | 302         | 308          | rVB      | 125408         | 165729        | 2.48%           | 0.230%        |
| 4         | 4.128       | 342           | 347         | 351          | rVB2     | 97537          | 126258        | 1.89%           | 0.175%        |
| 5         | 4.446       | 395           | 401         | 410          | rVB2     | 288640         | 409892        | 6.12%           | 0.569%        |
| 6         | 4.969       | 484           | 490         | 493          | rVV2     | 166772         | 187915        | 2.81%           | 0.261%        |
| 7         | 5.028       | 496           | 500         | 505          | rVB2     | 214397         | 265177        | 3.96%           | 0.368%        |
| 8         | 5.393       | 556           | 562         | 566          | rBV2     | 339227         | 568631        | 8.49%           | 0.789%        |
| 9         | 5.434       | 566           | 569         | 573          | rVB      | 7095589        | 6359685       | 95.00%          | 8.823%        |
| 10        | 5.651       | 604           | 606         | 611          | rVV2     | 156019         | 186441        | 2.78%           | 0.259%        |
| 11        | 5.722       | 614           | 618         | 621          | rBV      | 686805         | 617171        | 9.22%           | 0.856%        |
| 12        | 5.834       | 631           | 637         | 640          | rBV3     | 100369         | 152169        | 2.27%           | 0.211%        |
| 13        | 5.969       | 656           | 660         | 664          | rVB3     | 133493         | 166061        | 2.48%           | 0.230%        |
| 14        | 6.063       | 672           | 676         | 682          | rVB2     | 300312         | 341738        | 5.10%           | 0.474%        |
| 15        | 6.245       | 702           | 707         | 710          | rBV      | 145595         | 212637        | 3.18%           | 0.295%        |
| 16        | 6.340       | 720           | 723         | 725          | rBV2     | 229183         | 250242        | 3.74%           | 0.347%        |
| 17        | 6.404       | 731           | 734         | 737          | rBV2     | 234704         | 234660        | 3.51%           | 0.326%        |
| 18        | 6.445       | 737           | 741         | 744          | rBV      | 6444292        | 6694653       | 100.00%         | 9.288%        |
| 19        | 6.551       | 754           | 759         | 763          | rBV2     | 101941         | 145097        | 2.17%           | 0.201%        |
| 20        | 6.645       | 770           | 775         | 778          | rBV2     | 1153840        | 1250703       | 18.68%          | 1.735%        |
| 21        | 6.804       | 799           | 802         | 805          | rBV      | 1914835        | 1645284       | 24.58%          | 2.283%        |
| 22        | 6.863       | 810           | 812         | 817          | rBV      | 187451         | 178432        | 2.67%           | 0.248%        |
| 23        | 6.957       | 825           | 828         | 832          | rVB      | 216306         | 187106        | 2.79%           | 0.260%        |
| 24        | 7.087       | 847           | 850         | 853          | rVB      | 223113         | 195192        | 2.92%           | 0.271%        |
| 25        | 7.128       | 853           | 857         | 859          | rBV2     | 204800         | 215687        | 3.22%           | 0.299%        |
| 26        | 7.151       | 859           | 861         | 865          | rVB      | 146695         | 122957        | 1.84%           | 0.171%        |
| 27        | 7.198       | 865           | 869         | 873          | rBV2     | 203498         | 213001        | 3.18%           | 0.296%        |
| 28        | 7.369       | 889           | 898         | 901          | rBV      | 4380535        | 4539908       | 67.81%          | 6.299%        |
| 29        | 7.410       | 901           | 905         | 908          | rVV      | 1338875        | 1056855       | 15.79%          | 1.466%        |
| 30        | 7.457       | 908           | 913         | 916          | rVB5     | 147673         | 200491        | 2.99%           | 0.278%        |
| 31        | 7.581       | 929           | 934         | 937          | rVV5     | 67564          | 130871        | 1.95%           | 0.182%        |
| 32        | 7.610       | 937           | 939         | 943          | rVB2     | 116520         | 141710        | 2.12%           | 0.197%        |
| 33        | 7.710       | 949           | 956         | 958          | rBV2     | 155696         | 201103        | 3.00%           | 0.279%        |
| 34        | 7.734       | 958           | 960         | 964          | rVV3     | 115203         | 159050        | 2.38%           | 0.221%        |
| 35        | 7.845       | 975           | 979         | 983          | rVV4     | 172721         | 238894        | 3.57%           | 0.331%        |
| 36        | 8.045       | 1007          | 1013        | 1015         | rBV3     | 81454          | 143567        | 2.14%           | 0.199%        |

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 ClientSampleId :  
 HTRCV2-GRAB-CF02-02

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-BF042721.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 37 | 8.092  | 1015 | 1021 | 1024 | rVV2 | 2459675 | 3171784 | 47.38% | 4.400% |
| 38 | 8.157  | 1028 | 1032 | 1035 | rVB  | 257515  | 219442  | 3.28%  | 0.304% |
| 39 | 8.387  | 1066 | 1071 | 1077 | rBV5 | 226060  | 268939  | 4.02%  | 0.373% |
| 40 | 8.475  | 1083 | 1086 | 1089 | rVB  | 165857  | 145868  | 2.18%  | 0.202% |
| 41 | 8.516  | 1089 | 1093 | 1095 | rBV  | 318749  | 271940  | 4.06%  | 0.377% |
| 42 | 8.598  | 1103 | 1107 | 1110 | rBV2 | 241494  | 201139  | 3.00%  | 0.279% |
| 43 | 8.687  | 1119 | 1122 | 1125 | rBV  | 1607922 | 1184570 | 17.69% | 1.643% |
| 44 | 8.751  | 1130 | 1133 | 1136 | rVV2 | 214976  | 198714  | 2.97%  | 0.276% |
| 45 | 8.804  | 1140 | 1142 | 1145 | rVB  | 244964  | 176618  | 2.64%  | 0.245% |
| 46 | 8.904  | 1156 | 1159 | 1163 | rBV2 | 196524  | 241785  | 3.61%  | 0.335% |
| 47 | 9.051  | 1182 | 1184 | 1188 | rVB2 | 186380  | 155659  | 2.33%  | 0.216% |
| 48 | 9.116  | 1193 | 1195 | 1199 | rVB  | 236002  | 188765  | 2.82%  | 0.262% |
| 49 | 9.169  | 1199 | 1204 | 1207 | rBV  | 7091061 | 6088405 | 90.94% | 8.447% |
| 50 | 9.251  | 1213 | 1218 | 1223 | rBV2 | 1477208 | 1401867 | 20.94% | 1.945% |
| 51 | 9.428  | 1244 | 1248 | 1254 | rVB2 | 172998  | 267361  | 3.99%  | 0.371% |
| 52 | 9.481  | 1254 | 1257 | 1259 | rBV  | 142267  | 145662  | 2.18%  | 0.202% |
| 53 | 9.504  | 1259 | 1261 | 1263 | rVV  | 352668  | 304303  | 4.55%  | 0.422% |
| 54 | 9.528  | 1263 | 1265 | 1268 | rVV  | 291441  | 260214  | 3.89%  | 0.361% |
| 55 | 9.563  | 1268 | 1271 | 1275 | rVV2 | 438632  | 672660  | 10.05% | 0.933% |
| 56 | 9.592  | 1275 | 1276 | 1279 | rVV2 | 192292  | 140713  | 2.10%  | 0.195% |
| 57 | 9.628  | 1279 | 1282 | 1285 | rVB3 | 147530  | 180397  | 2.69%  | 0.250% |
| 58 | 9.781  | 1305 | 1308 | 1313 | rVB  | 1426411 | 1093405 | 16.33% | 1.517% |
| 59 | 9.845  | 1316 | 1319 | 1322 | rVV  | 2302447 | 1911662 | 28.56% | 2.652% |
| 60 | 9.957  | 1334 | 1338 | 1341 | rVB3 | 96109   | 125887  | 1.88%  | 0.175% |
| 61 | 10.022 | 1342 | 1349 | 1351 | rBV5 | 91671   | 171200  | 2.56%  | 0.238% |
| 62 | 10.281 | 1390 | 1393 | 1396 | rVV  | 1248968 | 975013  | 14.56% | 1.353% |
| 63 | 10.345 | 1400 | 1404 | 1409 | rVB4 | 80948   | 129288  | 1.93%  | 0.179% |
| 64 | 10.504 | 1426 | 1431 | 1433 | rBV  | 282580  | 301778  | 4.51%  | 0.419% |
| 65 | 10.633 | 1448 | 1453 | 1457 | rBV  | 3924792 | 3505620 | 52.36% | 4.864% |
| 66 | 10.757 | 1470 | 1474 | 1479 | rBV2 | 1118471 | 1345651 | 20.10% | 1.867% |
| 67 | 10.822 | 1482 | 1485 | 1487 | rVV  | 379281  | 363770  | 5.43%  | 0.505% |
| 68 | 10.851 | 1487 | 1490 | 1493 | rVV2 | 353344  | 431199  | 6.44%  | 0.598% |
| 69 | 10.886 | 1493 | 1496 | 1498 | rVV  | 357022  | 351586  | 5.25%  | 0.488% |
| 70 | 10.910 | 1498 | 1500 | 1503 | rVV2 | 299457  | 301198  | 4.50%  | 0.418% |
| 71 | 10.951 | 1503 | 1507 | 1508 | rVV3 | 198515  | 267519  | 4.00%  | 0.371% |
| 72 | 10.969 | 1508 | 1510 | 1512 | rVV  | 250008  | 240249  | 3.59%  | 0.333% |
| 73 | 10.998 | 1512 | 1515 | 1519 | rVV3 | 305898  | 417041  | 6.23%  | 0.579% |
| 74 | 11.033 | 1519 | 1521 | 1524 | rVV  | 361847  | 390551  | 5.83%  | 0.542% |
| 75 | 11.075 | 1526 | 1528 | 1536 | rVB3 | 248466  | 358567  | 5.36%  | 0.497% |
| 76 | 11.204 | 1547 | 1550 | 1552 | rBV  | 988752  | 715159  | 10.68% | 0.992% |

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Instrument :  
 BNA\_F  
 ClientSampleId :  
 HTRCV2-GRAB-CF02-02

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-BF042721.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|     |        |      |      |      |      |         |         |        |        |
|-----|--------|------|------|------|------|---------|---------|--------|--------|
| 77  | 11.233 | 1552 | 1555 | 1560 | rVB2 | 252365  | 265717  | 3.97%  | 0.369% |
| 78  | 11.333 | 1568 | 1572 | 1574 | rBV  | 1907032 | 1583270 | 23.65% | 2.197% |
| 79  | 11.386 | 1578 | 1581 | 1585 | rVB4 | 99288   | 132164  | 1.97%  | 0.183% |
| 80  | 11.580 | 1610 | 1614 | 1618 | rBV4 | 90354   | 127837  | 1.91%  | 0.177% |
| 81  | 11.627 | 1619 | 1622 | 1626 | rVB  | 782012  | 643066  | 9.61%  | 0.892% |
| 82  | 11.863 | 1659 | 1662 | 1665 | rVB2 | 157031  | 133515  | 1.99%  | 0.185% |
| 83  | 11.939 | 1671 | 1675 | 1678 | rBV2 | 188345  | 190875  | 2.85%  | 0.265% |
| 84  | 11.975 | 1678 | 1681 | 1685 | rVB3 | 98929   | 136023  | 2.03%  | 0.189% |
| 85  | 12.039 | 1689 | 1692 | 1695 | rBV  | 699297  | 552230  | 8.25%  | 0.766% |
| 86  | 12.386 | 1748 | 1751 | 1753 | rVV  | 179320  | 160869  | 2.40%  | 0.223% |
| 87  | 12.427 | 1754 | 1758 | 1762 | rVB  | 634783  | 550398  | 8.22%  | 0.764% |
| 88  | 12.798 | 1818 | 1821 | 1826 | rBV2 | 569553  | 486714  | 7.27%  | 0.675% |
| 89  | 12.922 | 1838 | 1842 | 1845 | rBV  | 5107170 | 4438258 | 66.30% | 6.158% |
| 90  | 13.157 | 1879 | 1882 | 1886 | rVB  | 495134  | 427672  | 6.39%  | 0.593% |
| 91  | 13.498 | 1937 | 1940 | 1943 | rBV  | 416968  | 342301  | 5.11%  | 0.475% |
| 92  | 13.827 | 1993 | 1996 | 2006 | rBV  | 535258  | 698293  | 10.43% | 0.969% |
| 93  | 13.974 | 2017 | 2021 | 2027 | rVB  | 1410470 | 1261470 | 18.84% | 1.750% |
| 94  | 14.145 | 2047 | 2050 | 2053 | rVB  | 320979  | 258617  | 3.86%  | 0.359% |
| 95  | 14.451 | 2099 | 2102 | 2105 | rVB  | 311942  | 248118  | 3.71%  | 0.344% |
| 96  | 14.757 | 2151 | 2154 | 2157 | rVB  | 227103  | 208041  | 3.11%  | 0.289% |
| 97  | 15.086 | 2208 | 2210 | 2217 | rVB  | 221299  | 280919  | 4.20%  | 0.390% |
| 98  | 15.433 | 2265 | 2269 | 2272 | rBV  | 822984  | 925582  | 13.83% | 1.284% |
| 99  | 15.463 | 2272 | 2274 | 2280 | rVB  | 172142  | 216464  | 3.23%  | 0.300% |
| 100 | 15.898 | 2345 | 2348 | 2352 | rVB3 | 123729  | 165798  | 2.48%  | 0.230% |

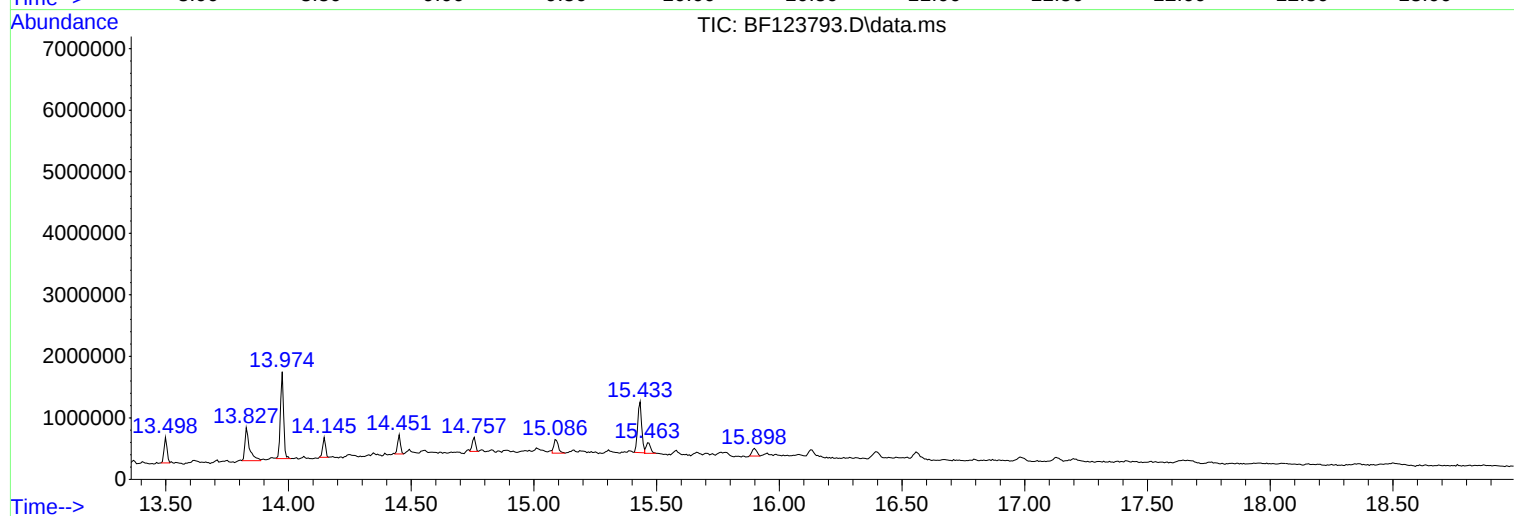
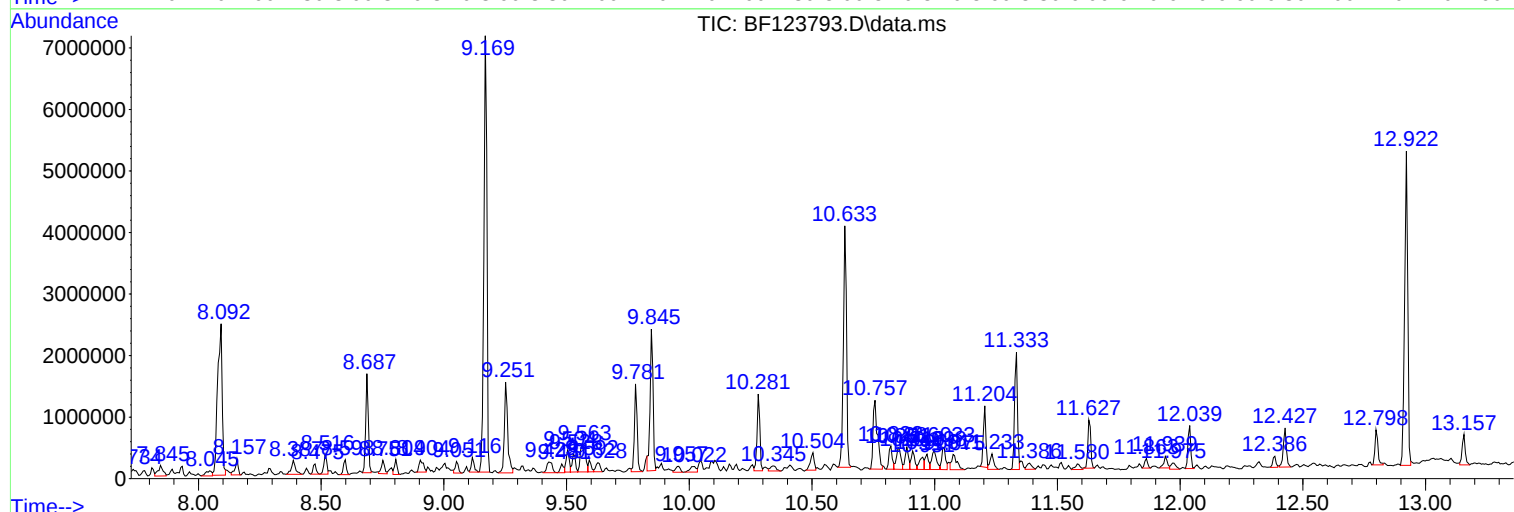
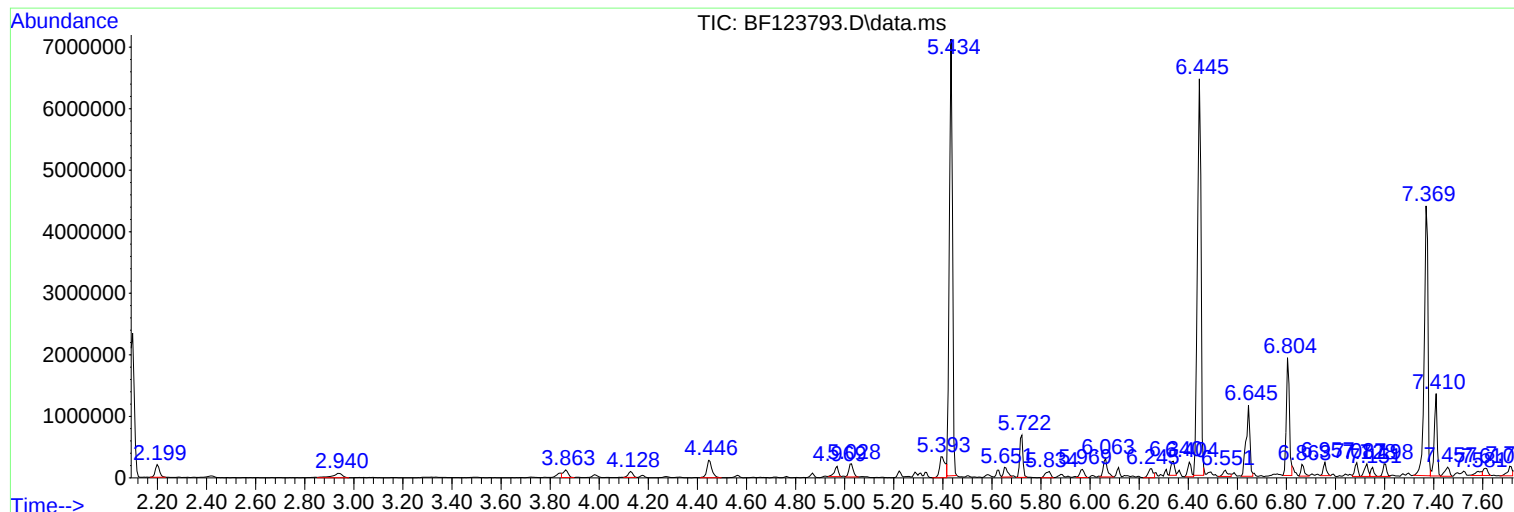
Sum of corrected areas: 72078873

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ClientSampleId :  
HTCRV2-GRAB-CF02-02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF042721.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P



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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF042721.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

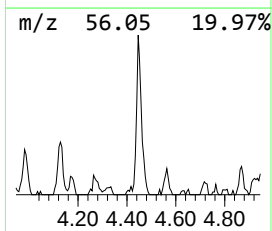
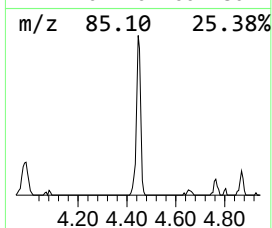
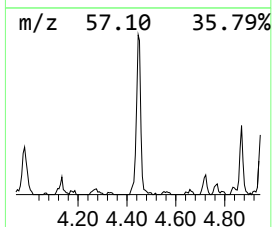
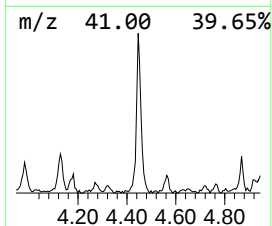
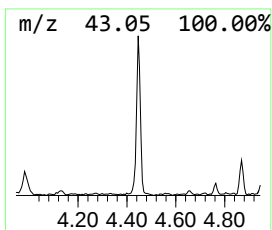
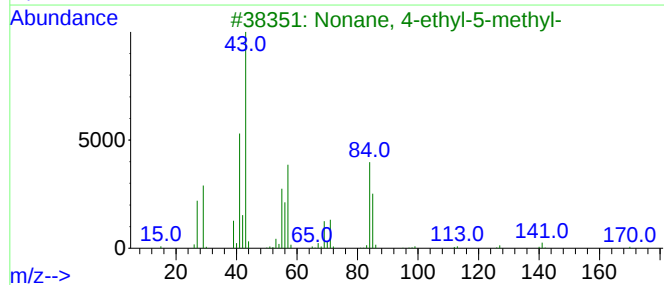
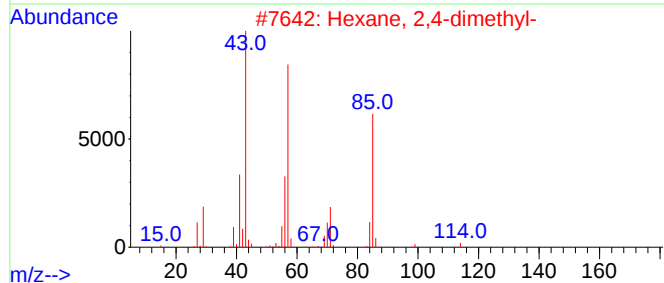
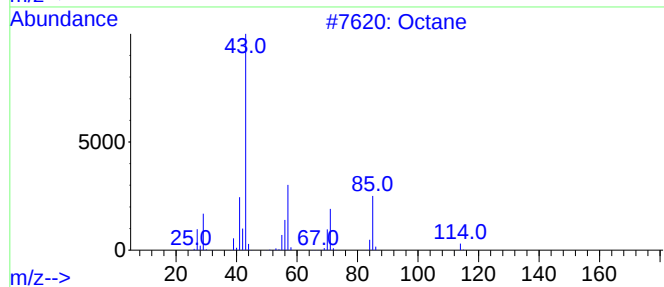
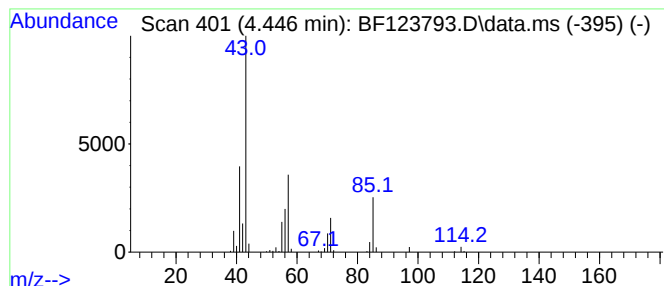
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 Octane Concentration Rank 19

| R.T.  | EstConc | Area   | Relative to ISTD       | R.T.  |
|-------|---------|--------|------------------------|-------|
| 4.446 | 4.98 ng | 409892 | 1,4-Dichlorobenzene-d4 | 6.804 |

| Hit# | of | 5 | Tentative ID                       | MW  | MolForm  | CAS#         | Qual |
|------|----|---|------------------------------------|-----|----------|--------------|------|
| 1    |    |   | Octane                             | 114 | C8H18    | 000111-65-9  | 87   |
| 2    |    |   | Hexane, 2,4-dimethyl-              | 114 | C8H18    | 000589-43-5  | 78   |
| 3    |    |   | Nonane, 4-ethyl-5-methyl-          | 170 | C12H26   | 001632-71-9  | 72   |
| 4    |    |   | Oxalic acid, isohexyl pentyl ester | 244 | C13H24O4 | 1000309-32-8 | 72   |
| 5    |    |   | Heptane, 2,3-dimethyl-             | 128 | C9H20    | 003074-71-3  | 64   |



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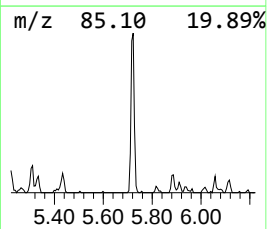
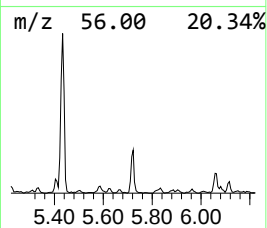
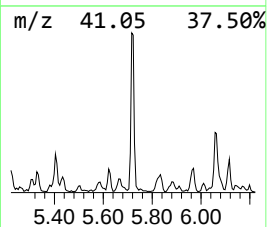
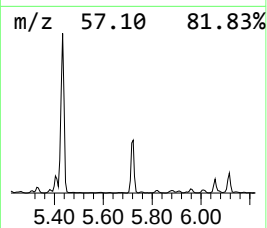
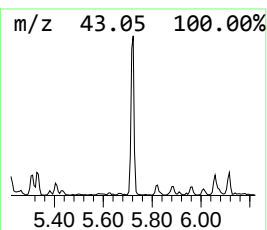
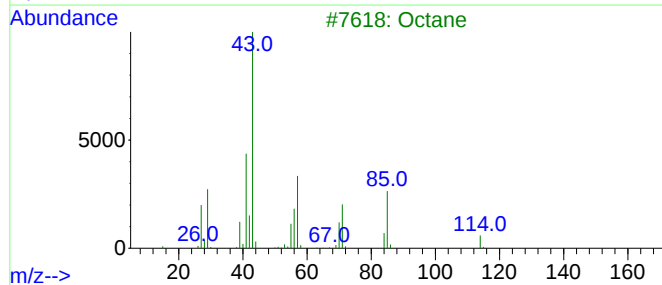
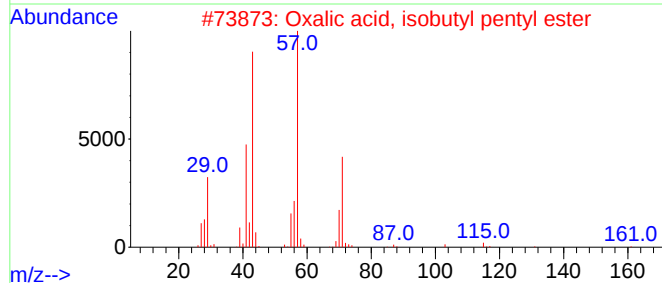
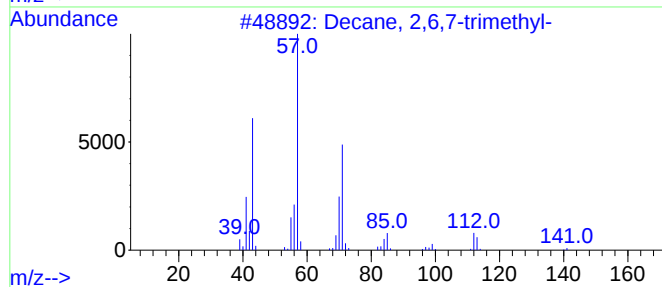
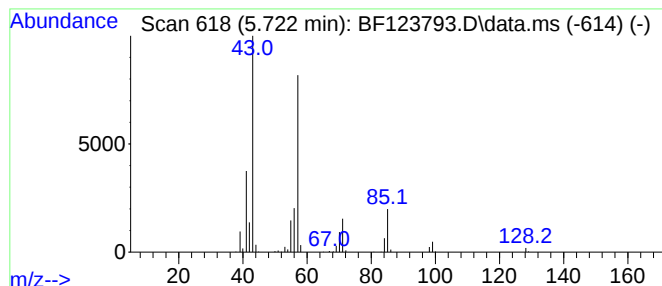
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 2 Decane, 2,6,7-trimethyl- Concentration Rank 10

| R.T.  | EstConc | Area   | Relative to ISTD       | R.T.  |
|-------|---------|--------|------------------------|-------|
| 5.722 | 7.50 ng | 617171 | 1,4-Dichlorobenzene-d4 | 6.804 |

| Hit# | of | 5 | Tentative ID                       | MW  | MolForm  | CAS#         | Qual |
|------|----|---|------------------------------------|-----|----------|--------------|------|
| 1    |    |   | Decane, 2,6,7-trimethyl-           | 184 | C13H28   | 062108-25-2  | 53   |
| 2    |    |   | Oxalic acid, isobutyl pentyl ester | 216 | C11H20O4 | 1000309-37-0 | 53   |
| 3    |    |   | Octane                             | 114 | C8H18    | 000111-65-9  | 53   |
| 4    |    |   | Oxalic acid, isohexyl pentyl ester | 244 | C13H24O4 | 1000309-32-8 | 53   |
| 5    |    |   | Nonane                             | 128 | C9H20    | 000111-84-2  | 53   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF050321\  
Data File : BF123793.D  
Acq On : 3 May 2021 22:50  
Operator : JU/CG  
Sample : M2217-18  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
HTCRV2-GRAB-CF02-02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF042721.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

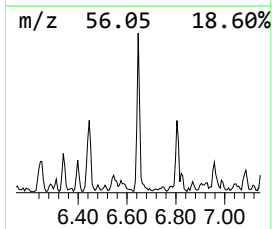
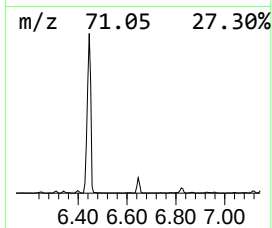
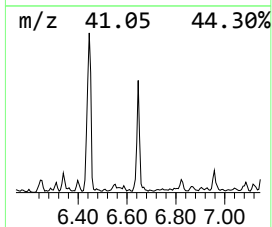
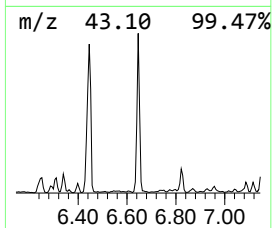
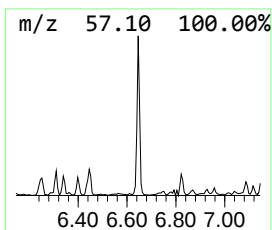
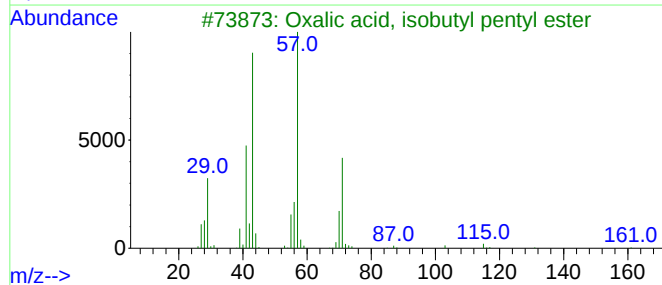
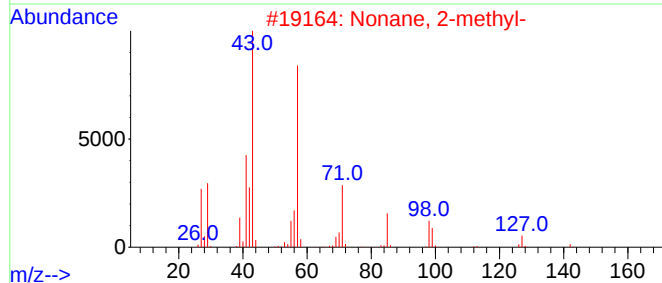
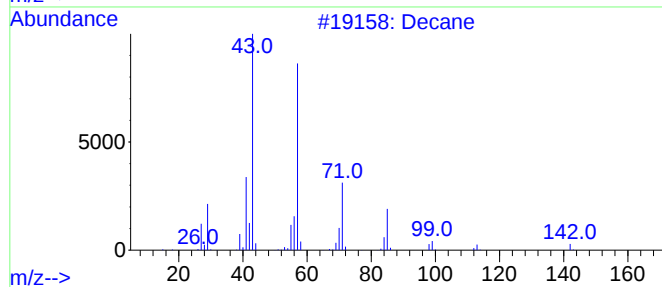
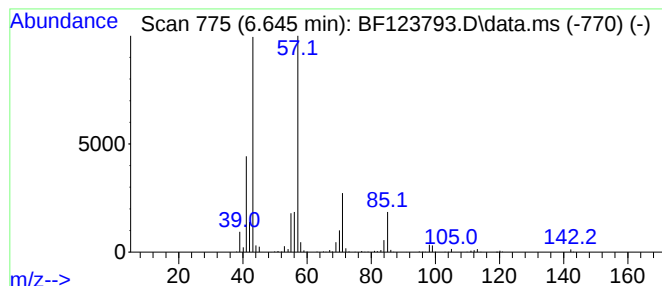
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TIC Integration Parameters: LSCINT.P

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Peak Number 3 Decane Concentration Rank 2

| R.T.  | EstConc  | Area    | Relative to ISTD       | R.T.  |
|-------|----------|---------|------------------------|-------|
| 6.645 | 15.20 ng | 1250700 | 1,4-Dichlorobenzene-d4 | 6.804 |

| Hit# | of | 5 | Tentative ID                       | MW  | MolForm  | CAS#         | Qual |
|------|----|---|------------------------------------|-----|----------|--------------|------|
| 1    |    |   | Decane                             | 142 | C10H22   | 000124-18-5  | 72   |
| 2    |    |   | Nonane, 2-methyl-                  | 142 | C10H22   | 000871-83-0  | 72   |
| 3    |    |   | Oxalic acid, isobutyl pentyl ester | 216 | C11H20O4 | 1000309-37-0 | 72   |
| 4    |    |   | Octane, 4-ethyl-                   | 142 | C10H22   | 015869-86-0  | 64   |
| 5    |    |   | Decane, 2,5,9-trimethyl-           | 184 | C13H28   | 062108-22-9  | 64   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF050321\  
Data File : BF123793.D  
Acq On : 3 May 2021 22:50  
Operator : JU/CG  
Sample : M2217-18  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
HTCRV2-GRAB-CF02-02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF042721.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

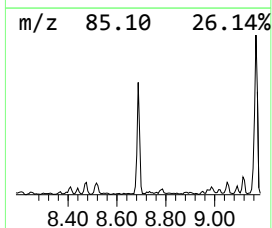
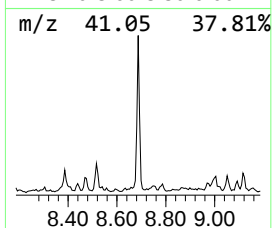
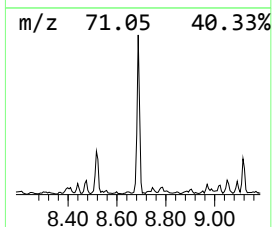
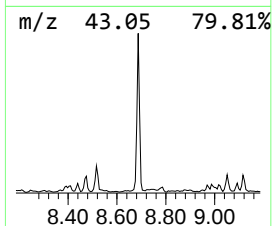
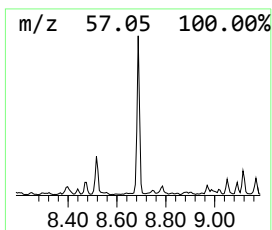
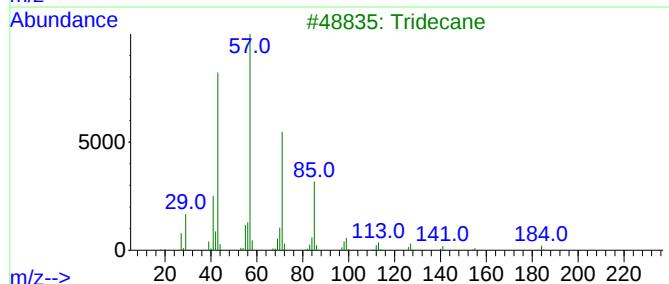
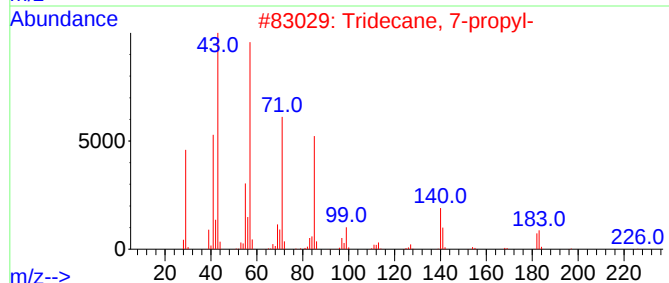
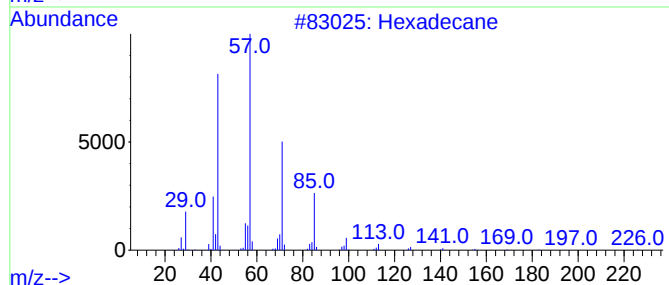
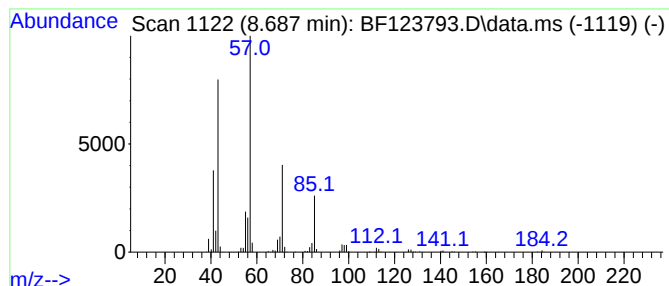
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TIC Integration Parameters: LSCINT.P

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Peak Number 4 Hexadecane Concentration Rank 11

| R.T.  | EstConc | Area    | Relative to ISTD | R.T.  |
|-------|---------|---------|------------------|-------|
| 8.687 | 7.47 ng | 1184570 | Naphthalene-d8   | 8.092 |

| Hit# | of | 5 | Tentative ID            | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------|-----|---------|-------------|------|
| 1    |    |   | Hexadecane              | 226 | C16H34  | 000544-76-3 | 90   |
| 2    |    |   | Tridecane, 7-propyl-    | 226 | C16H34  | 055045-09-5 | 80   |
| 3    |    |   | Tridecane               | 184 | C13H28  | 000629-50-5 | 72   |
| 4    |    |   | Dodecane                | 170 | C12H26  | 000112-40-3 | 72   |
| 5    |    |   | Undecane, 2,3-dimethyl- | 184 | C13H28  | 017312-77-5 | 59   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF050321\  
Data File : BF123793.D  
Acq On : 3 May 2021 22:50  
Operator : JU/CG  
Sample : M2217-18  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
HTCRV2-GRAB-CF02-02

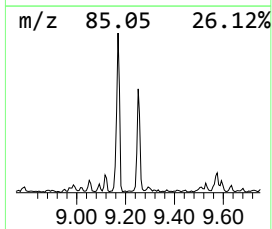
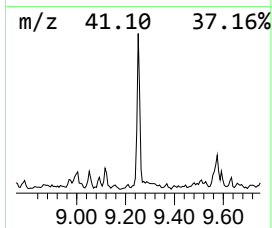
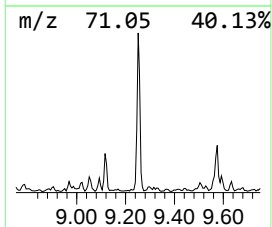
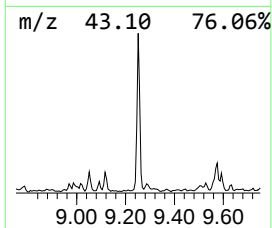
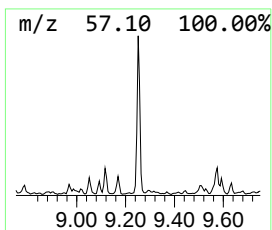
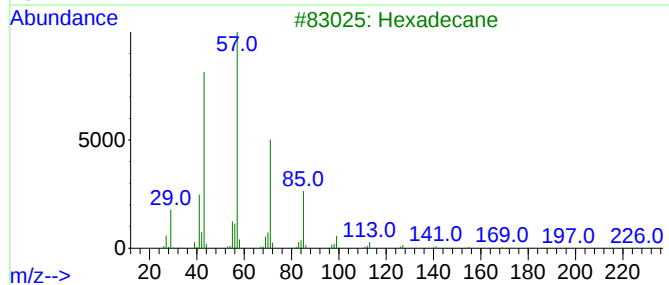
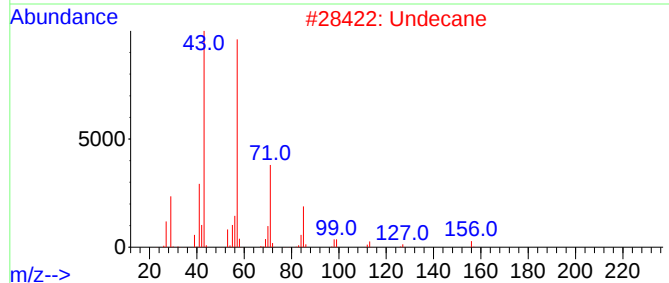
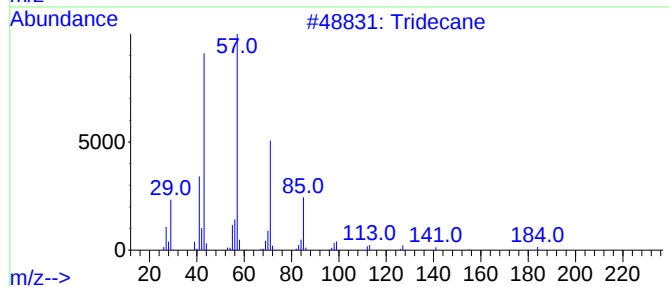
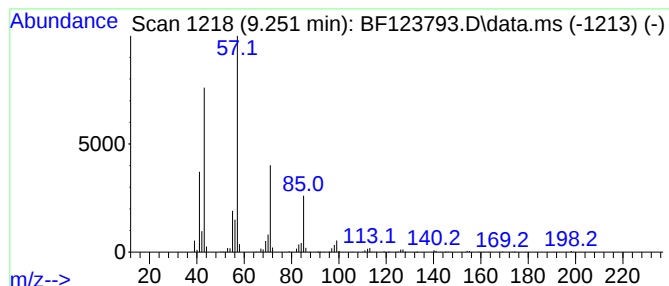
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 5 Tridecane Concentration Rank 3

| R.T.  | EstConc  | Area    | Relative to ISTD | R.T.  |
|-------|----------|---------|------------------|-------|
| 9.251 | 14.67 ng | 1401870 | Acenaphthene-d10 | 9.845 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | Tridecane                           | 184 | C13H28    | 000629-50-5  | 90   |
| 2    |    |   | Undecane                            | 156 | C11H24    | 001120-21-4  | 78   |
| 3    |    |   | Hexadecane                          | 226 | C16H34    | 000544-76-3  | 72   |
| 4    |    |   | Dodecane                            | 170 | C12H26    | 000112-40-3  | 64   |
| 5    |    |   | Sulfurous acid, decyl 2-ethylhex... | 334 | C18H38O3S | 1000309-19-3 | 64   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF050321\  
Data File : BF123793.D  
Acq On : 3 May 2021 22:50  
Operator : JU/CG  
Sample : M2217-18  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
HTCRV2-GRAB-CF02-02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF042721.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

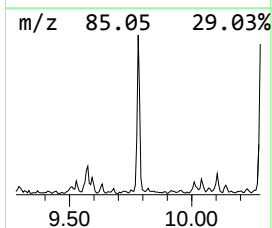
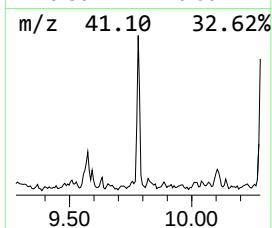
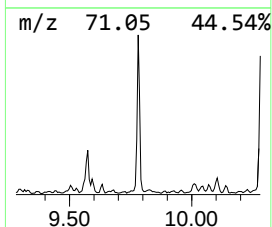
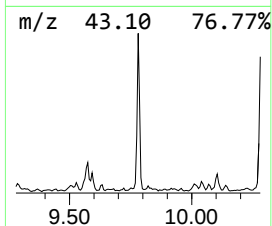
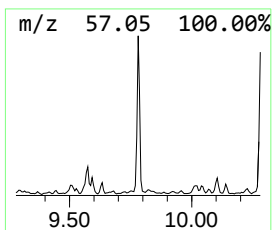
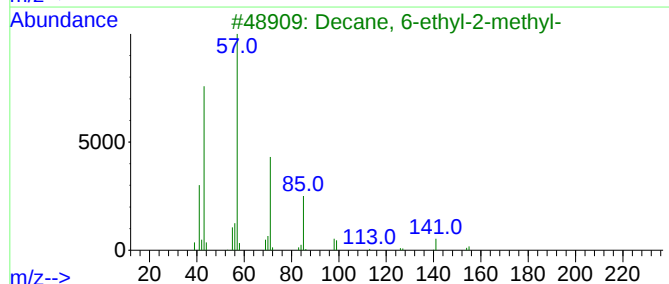
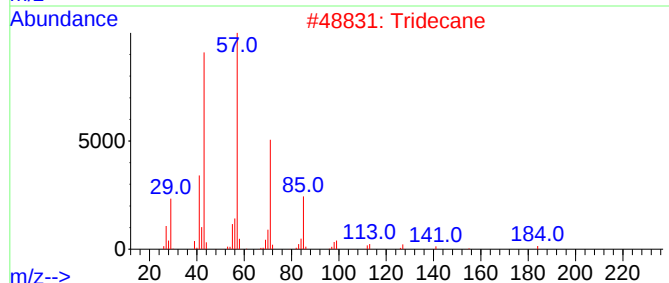
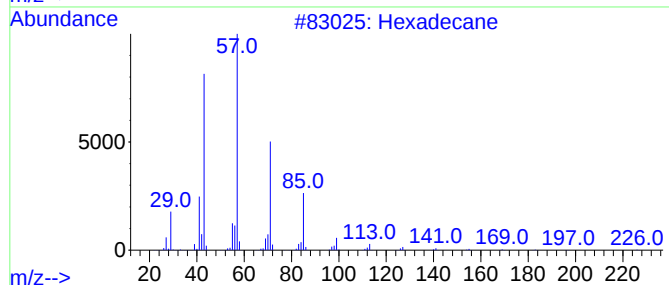
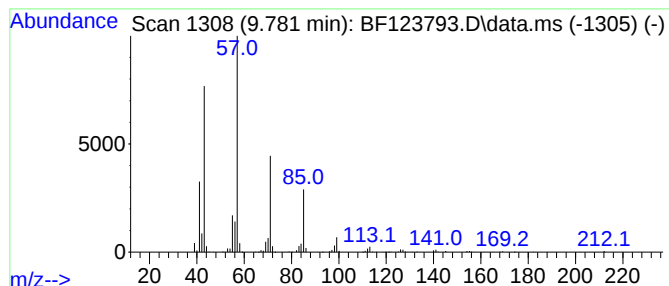
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TIC Integration Parameters: LSCINT.P

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Peak Number 6 Decane, 6-ethyl-2-methyl- Concentration Rank 4

| R.T.  | EstConc  | Area    | Relative to ISTD | R.T.  |
|-------|----------|---------|------------------|-------|
| 9.781 | 11.44 ng | 1093410 | Acenaphthene-d10 | 9.845 |

| Hit# | of 5 | Tentative ID              | MW  | MolForm | CAS#        | Qual |
|------|------|---------------------------|-----|---------|-------------|------|
| 1    |      | Hexadecane                | 226 | C16H34  | 000544-76-3 | 91   |
| 2    |      | Tridecane                 | 184 | C13H28  | 000629-50-5 | 90   |
| 3    |      | Decane, 6-ethyl-2-methyl- | 184 | C13H28  | 062108-21-8 | 83   |
| 4    |      | 1-Undecene, 4-methyl-     | 168 | C12H24  | 074630-39-0 | 72   |
| 5    |      | Pentadecane               | 212 | C15H32  | 000629-62-9 | 72   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF050321\  
Data File : BF123793.D  
Acq On : 3 May 2021 22:50  
Operator : JU/CG  
Sample : M2217-18  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

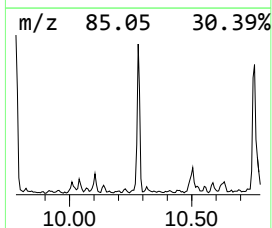
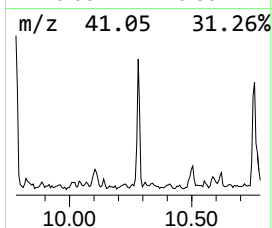
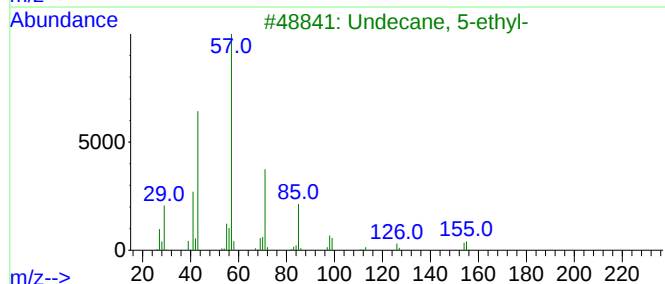
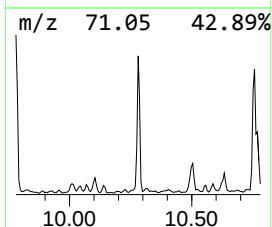
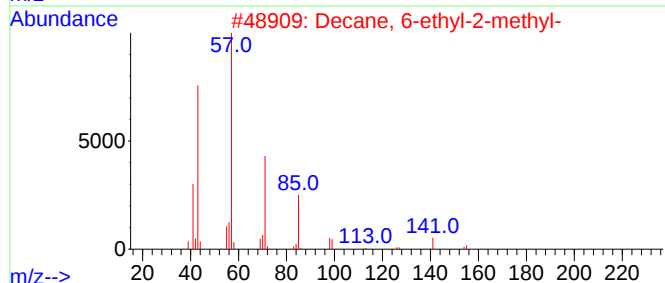
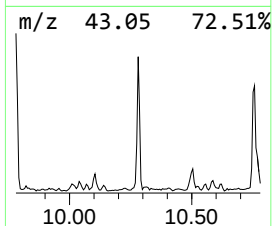
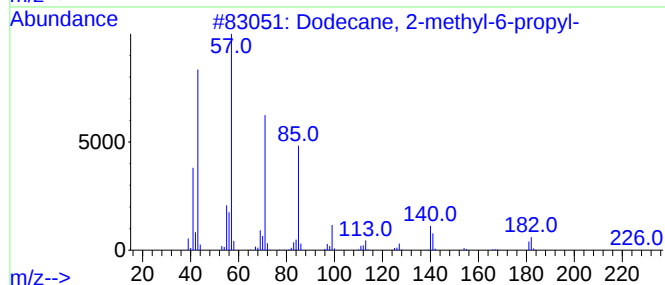
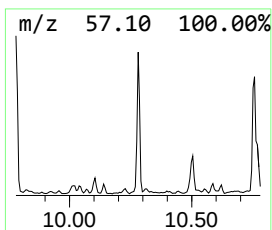
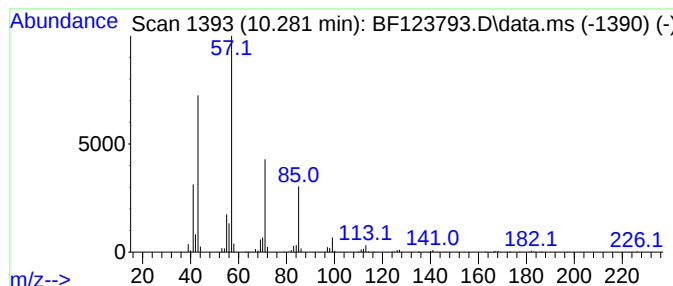
Instrument :  
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ClientSampleId :  
HTCRV2-GRAB-CF02-02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF042721.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 7 Dodecane, 2-methyl-6-propyl- Concentration Rank 6

| R.T.      | EstConc                      | Area   | Relative to ISTD |         |             | R.T.  |
|-----------|------------------------------|--------|------------------|---------|-------------|-------|
| 10.281    | 10.20 ng                     | 975013 | Acenaphthene-d10 |         |             | 9.845 |
| Hit# of 5 | Tentative ID                 |        | MW               | MolForm | CAS#        | Qual  |
| 1         | Dodecane, 2-methyl-6-propyl- |        | 226              | C16H34  | 055045-08-4 | 80    |
| 2         | Decane, 6-ethyl-2-methyl-    |        | 184              | C13H28  | 062108-21-8 | 80    |
| 3         | Undecane, 5-ethyl-           |        | 184              | C13H28  | 017453-94-0 | 78    |
| 4         | Hexadecane                   |        | 226              | C16H34  | 000544-76-3 | 76    |
| 5         | Tetradecane                  |        | 198              | C14H30  | 000629-59-4 | 72    |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF050321\  
Data File : BF123793.D  
Acq On : 3 May 2021 22:50  
Operator : JU/CG  
Sample : M2217-18  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
HTCRV2-GRAB-CF02-02

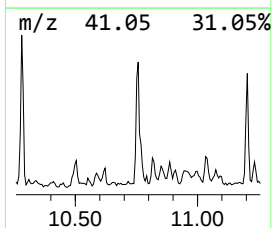
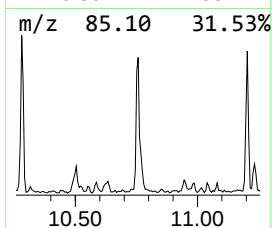
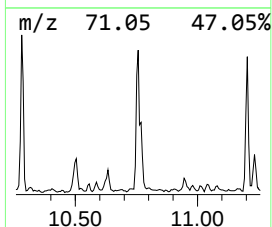
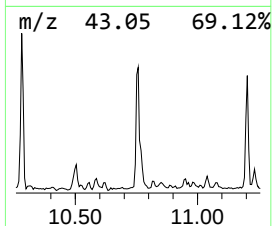
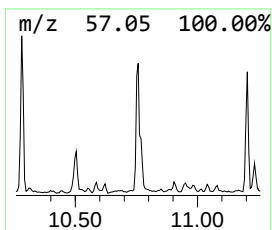
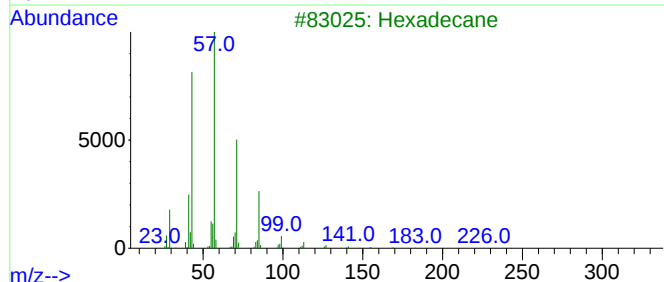
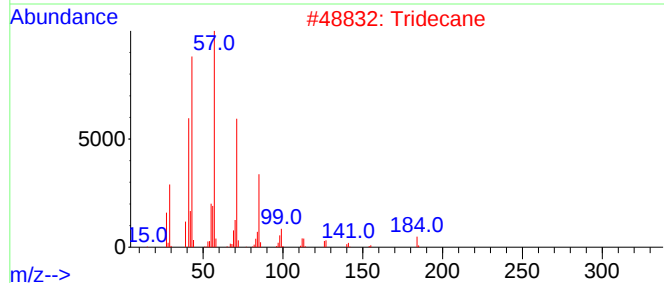
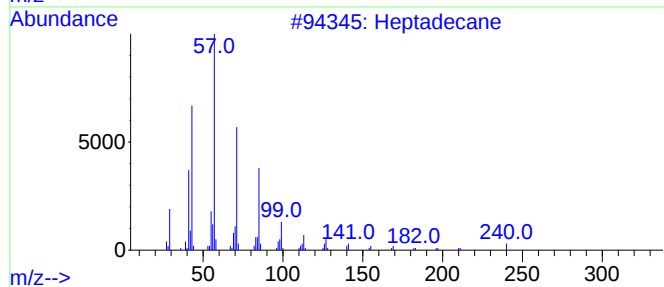
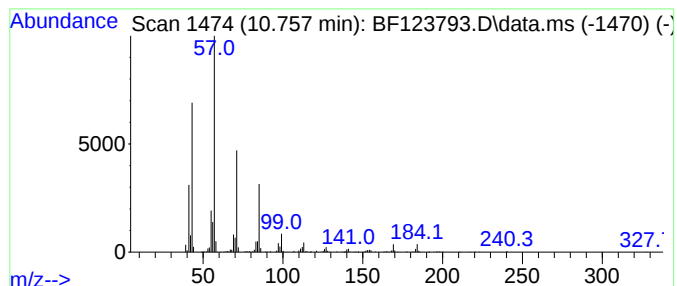
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 8 Heptadecane Concentration Rank 1

| R.T.   | EstConc  | Area    | Relative to ISTD | R.T.   |
|--------|----------|---------|------------------|--------|
| 10.757 | 17.00 ng | 1345650 | Phenanthrene-d10 | 11.333 |

| Hit# | of | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------|-----|---------|-------------|------|
| 1    |    |   | Heptadecane  | 240 | C17H36  | 000629-78-7 | 93   |
| 2    |    |   | Tridecane    | 184 | C13H28  | 000629-50-5 | 90   |
| 3    |    |   | Hexadecane   | 226 | C16H34  | 000544-76-3 | 87   |
| 4    |    |   | Eicosane     | 282 | C20H42  | 000112-95-8 | 86   |
| 5    |    |   | Heneicosane  | 296 | C21H44  | 000629-94-7 | 86   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF050321\  
Data File : BF123793.D  
Acq On : 3 May 2021 22:50  
Operator : JU/CG  
Sample : M2217-18  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
HTCRV2-GRAB-CF02-02

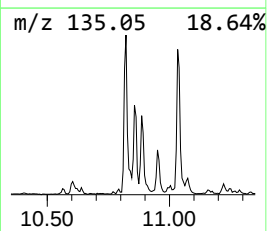
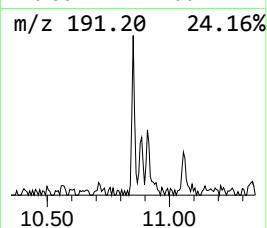
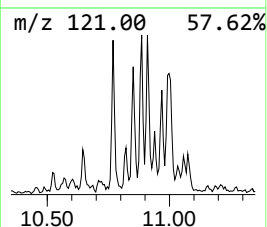
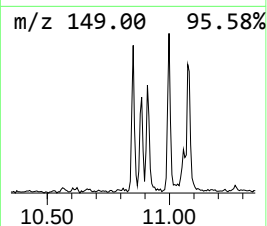
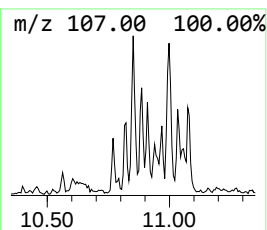
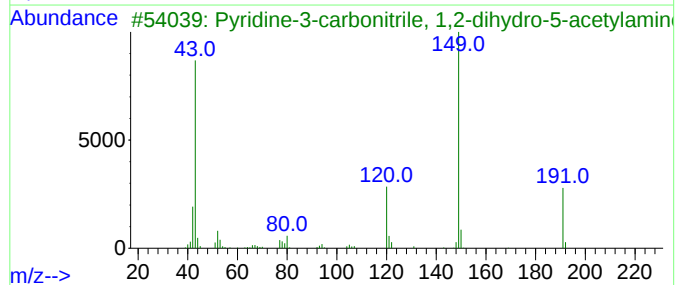
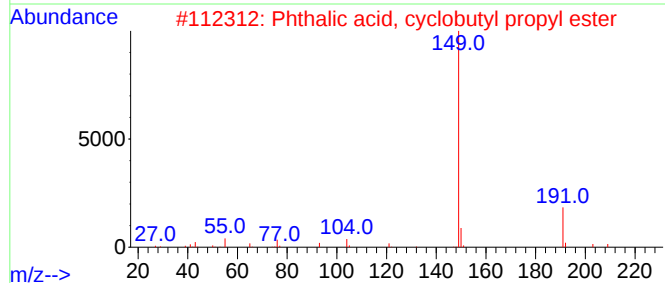
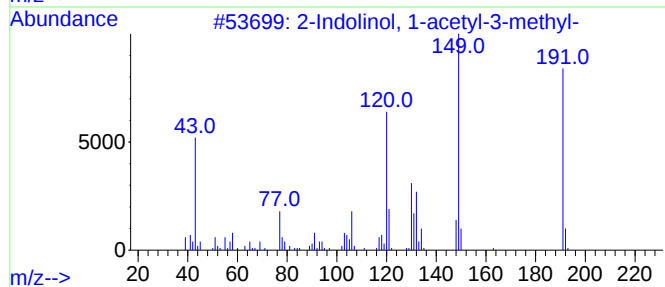
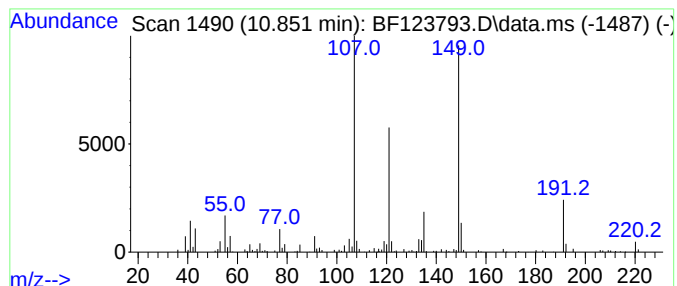
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 9 unknown10.851 Concentration Rank 16

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 10.851 | 5.45 ng | 431199 | Phenanthrene-d10 | 11.333 |

| Hit# | of                                  | 5   | Tentative ID | MW           | MolForm | CAS# | Qual |
|------|-------------------------------------|-----|--------------|--------------|---------|------|------|
| 1    | 2-Indolinol, 1-acetyl-3-methyl-     | 191 | C11H13NO2    | 013303-72-5  | 43      |      |      |
| 2    | Phthalic acid, cyclobutyl propyl... | 262 | C15H18O4     | 1000315-41-2 | 38      |      |      |
| 3    | Pyridine-3-carbonitrile, 1,2-dih... | 191 | C9H9N3O2     | 220098-92-0  | 38      |      |      |
| 4    | Pentanamide, N-(3-methylphenyl)-    | 191 | C12H17NO     | 1000306-89-1 | 35      |      |      |
| 5    | Phthalic acid, isopropyl propyl ... | 250 | C14H18O4     | 1000314-99-7 | 35      |      |      |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF050321\  
Data File : BF123793.D  
Acq On : 3 May 2021 22:50  
Operator : JU/CG  
Sample : M2217-18  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
HTCRV2-GRAB-CF02-02

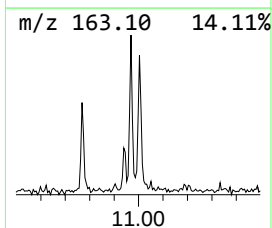
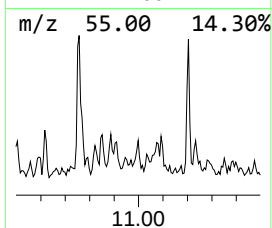
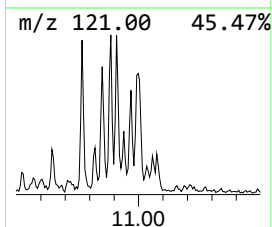
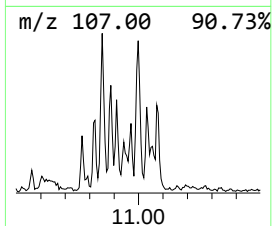
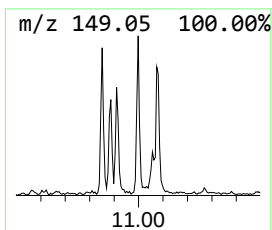
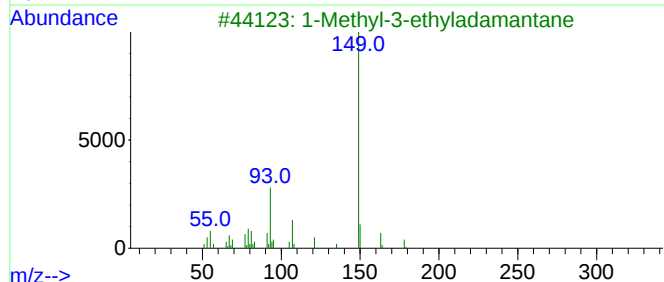
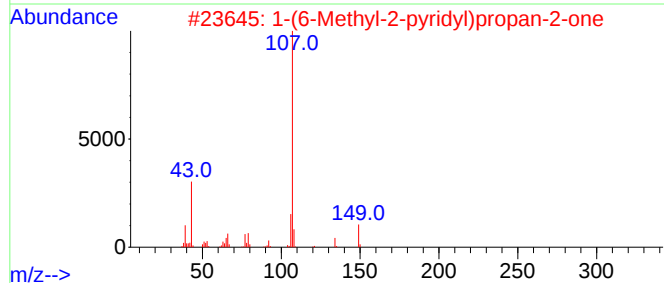
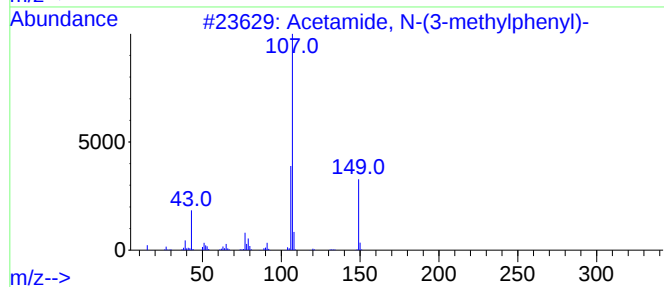
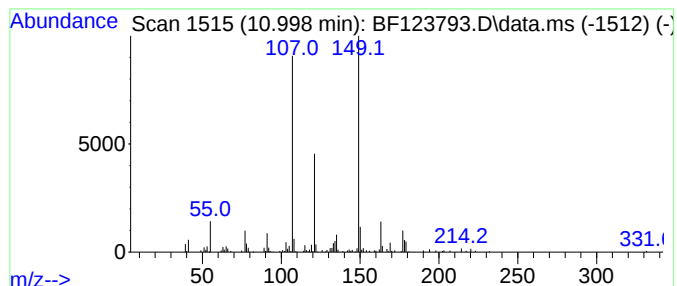
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 10 Acetamide, N-(3-methylphenyl)- Concentration Rank 18

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 10.998 | 5.27 ng | 417041 | Phenanthrene-d10 | 11.333 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|---------|--------------|------|
| 1    |    |   | Acetamide, N-(3-methylphenyl)-      | 149 | C9H11NO | 000537-92-8  | 64   |
| 2    |    |   | 1-(6-Methyl-2-pyridyl)propan-2-one  | 149 | C9H11NO | 065702-08-1  | 64   |
| 3    |    |   | 1-Methyl-3-ethyladamantane          | 178 | C13H22  | 001687-34-9  | 46   |
| 4    |    |   | 1,3-Cyclopentadiene, 5,5-dimethy... | 178 | C13H22  | 1000163-88-0 | 43   |
| 5    |    |   | Phenol, 2-methyl-4-(1,1,3,3-tetr... | 220 | C15H24O | 002219-84-3  | 43   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF050321\  
Data File : BF123793.D  
Acq On : 3 May 2021 22:50  
Operator : JU/CG  
Sample : M2217-18  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

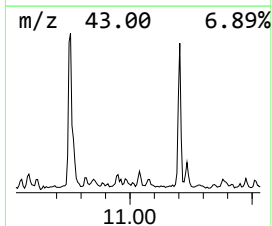
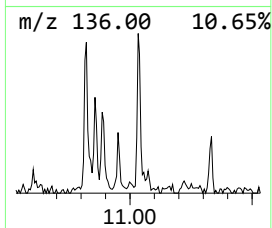
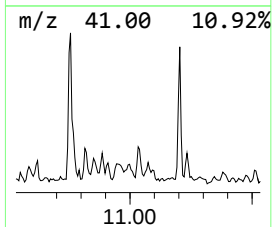
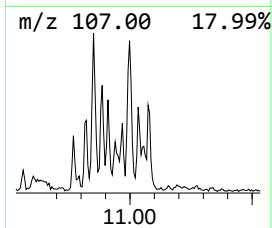
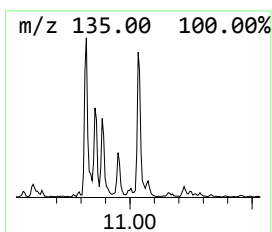
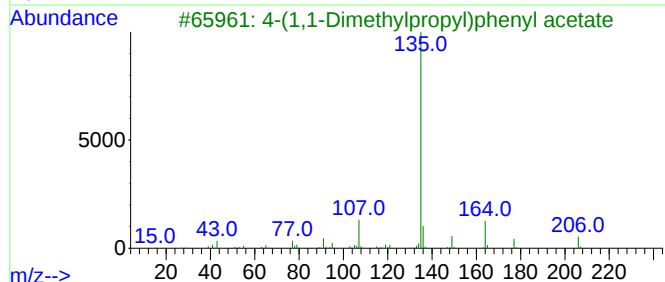
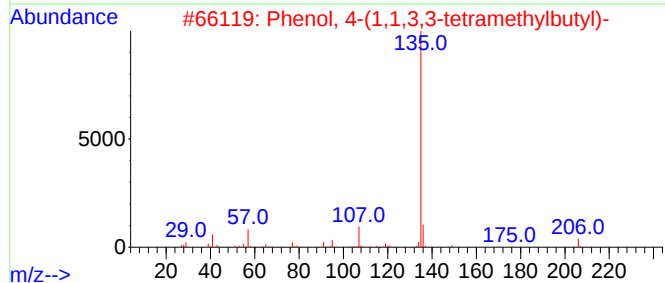
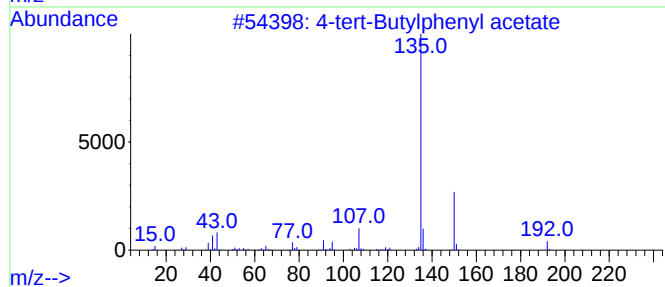
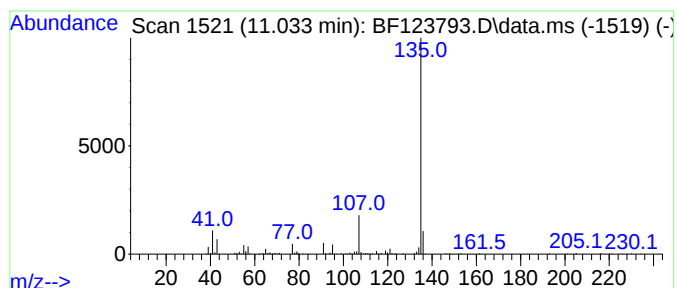
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ClientSampleId :  
HTCRV2-GRAB-CF02-02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF042721.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 11 4-tert-Butylphenyl acetate Concentration Rank 20

| R.T.      | EstConc                             | Area   | Relative to ISTD |             |              | R.T.   |
|-----------|-------------------------------------|--------|------------------|-------------|--------------|--------|
| 11.033    | 4.93 ng                             | 390551 | Phenanthrene-d10 |             |              | 11.333 |
| Hit# of 5 | Tentative ID                        |        | MW               | MolForm     | CAS#         | Qual   |
| 1         | 4-tert-Butylphenyl acetate          |        | 192              | C12H16O2    | 003056-64-2  | 78     |
| 2         | Phenol, 4-(1,1,3,3-tetramethylbu... |        | 206              | C14H22O     | 000140-66-9  | 78     |
| 3         | 4-(1,1-Dimethylpropyl)phenyl ace... |        | 206              | C13H18O2    | 1000373-45-3 | 78     |
| 4         | 5-Nitrothiophene-2-carboxaldehd...  |        | 333              | C16H19N3O3S | 042826-31-3  | 72     |
| 5         | 1,3-Benzenediol, o-(2-furoyl)-o'... |        | 338              | C19H14O6    | 1000330-77-5 | 64     |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF050321\  
Data File : BF123793.D  
Acq On : 3 May 2021 22:50  
Operator : JU/CG  
Sample : M2217-18  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
HTCRV2-GRAB-CF02-02

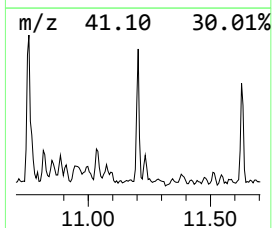
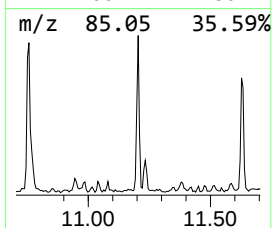
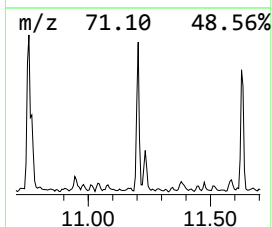
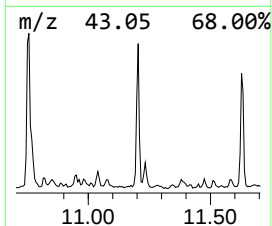
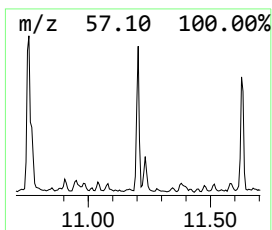
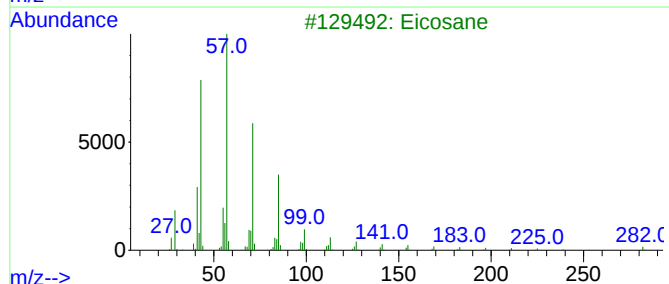
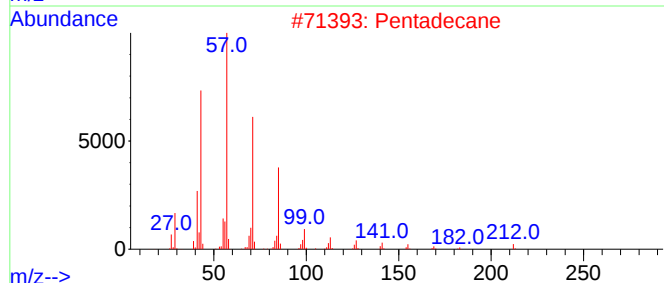
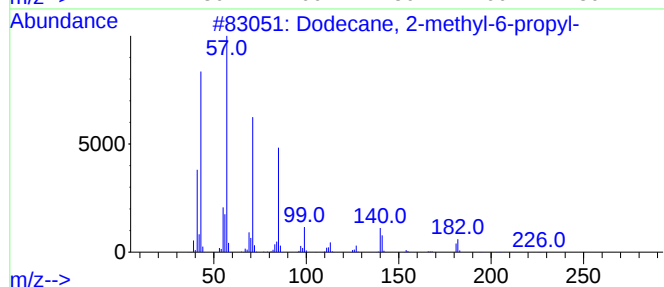
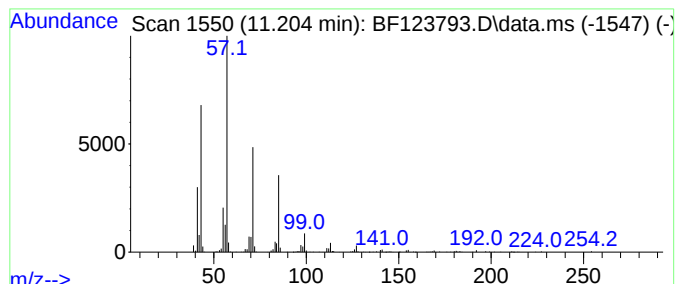
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 12 Pentadecane Concentration Rank 7

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 11.204 | 9.03 ng | 715159 | Phenanthrene-d10 | 11.333 |

| Hit# | of | 5 | Tentative ID                 | MW  | MolForm | CAS#        | Qual |
|------|----|---|------------------------------|-----|---------|-------------|------|
| 1    |    |   | Dodecane, 2-methyl-6-propyl- | 226 | C16H34  | 055045-08-4 | 86   |
| 2    |    |   | Pentadecane                  | 212 | C15H32  | 000629-62-9 | 86   |
| 3    |    |   | Eicosane                     | 282 | C20H42  | 000112-95-8 | 86   |
| 4    |    |   | Hexadecane                   | 226 | C16H34  | 000544-76-3 | 86   |
| 5    |    |   | Heneicosane                  | 296 | C21H44  | 000629-94-7 | 80   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF050321\  
Data File : BF123793.D  
Acq On : 3 May 2021 22:50  
Operator : JU/CG  
Sample : M2217-18  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
HTCRV2-GRAB-CF02-02

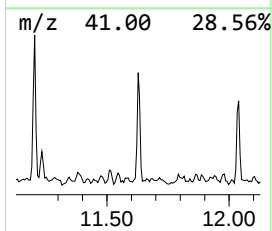
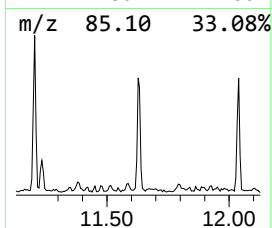
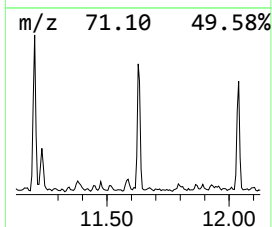
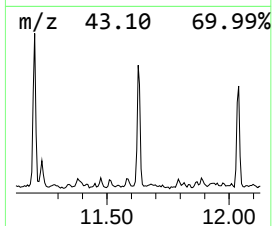
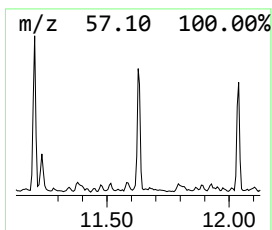
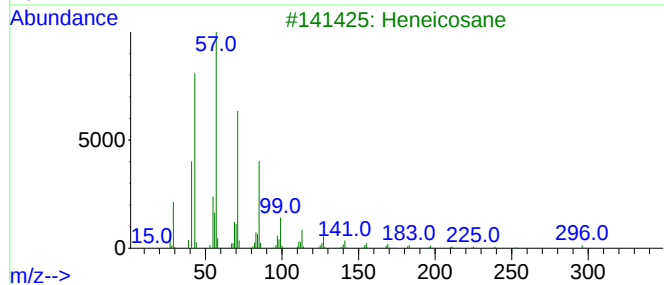
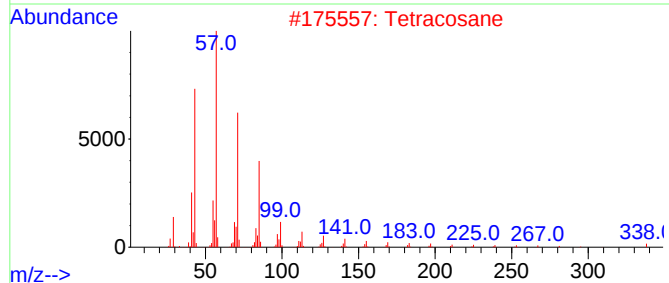
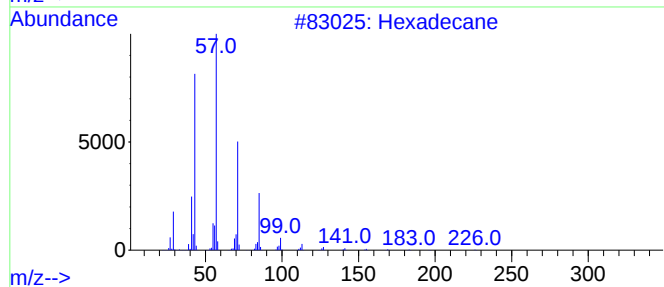
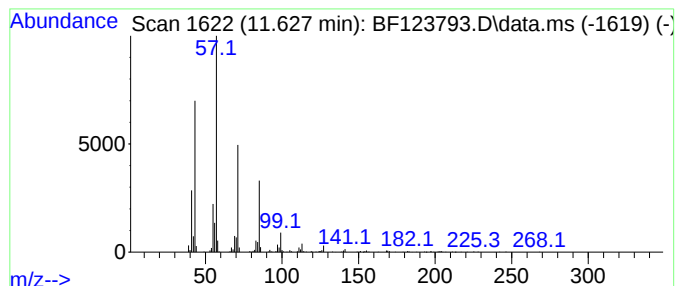
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 13 Tetracosane Concentration Rank 8

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 11.628 | 8.12 ng | 643066 | Phenanthrene-d10 | 11.333 |

| Hit# | of | 5 | Tentative ID                      | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-----------------------------------|-----|-----------|--------------|------|
| 1    |    |   | Hexadecane                        | 226 | C16H34    | 000544-76-3  | 87   |
| 2    |    |   | Tetracosane                       | 338 | C24H50    | 000646-31-1  | 86   |
| 3    |    |   | Heneicosane                       | 296 | C21H44    | 000629-94-7  | 86   |
| 4    |    |   | Heptacosane                       | 380 | C27H56    | 000593-49-7  | 83   |
| 5    |    |   | Sulfurous acid, 2-propyl tetra... | 320 | C17H36O3S | 1000309-12-5 | 80   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF050321\  
Data File : BF123793.D  
Acq On : 3 May 2021 22:50  
Operator : JU/CG  
Sample : M2217-18  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
HTCRV2-GRAB-CF02-02

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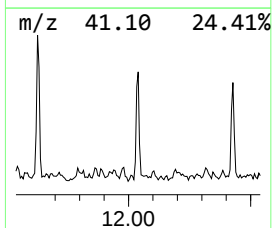
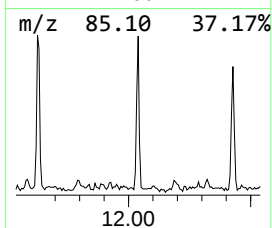
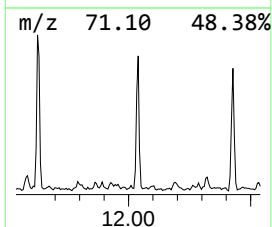
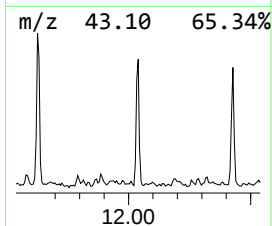
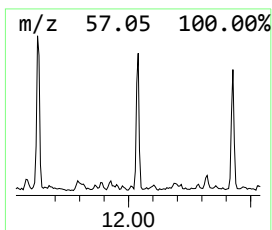
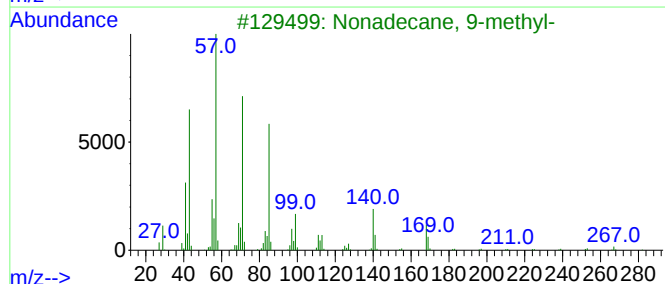
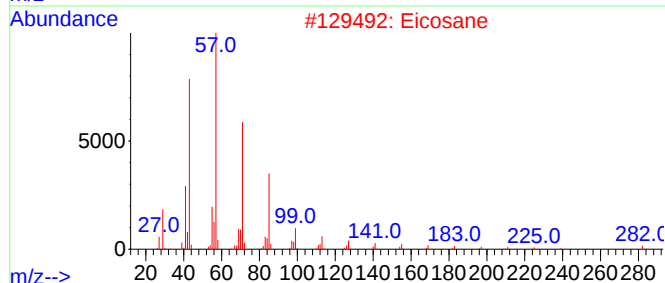
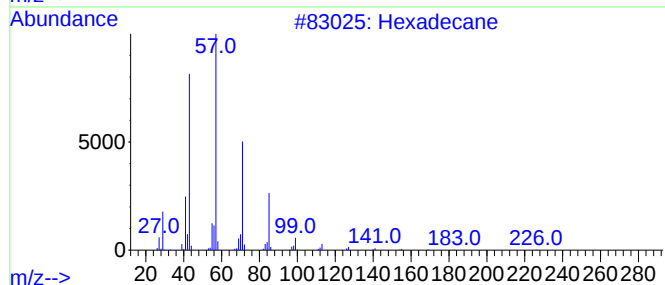
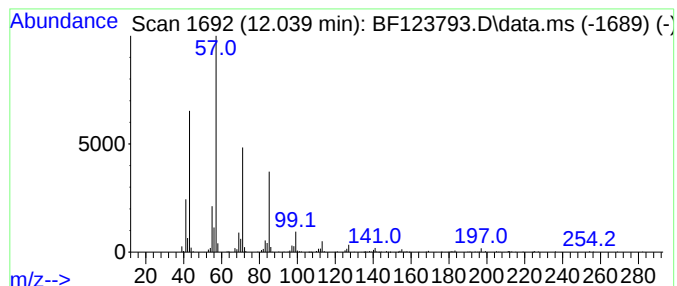
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TIC Integration Parameters: LSCINT.P

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Peak Number 14 Eicosane Concentration Rank 12

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 12.039 | 6.98 ng | 552230 | Phenanthrene-d10 | 11.333 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | Hexadecane                          | 226 | C16H34    | 000544-76-3  | 90   |
| 2    |    |   | Eicosane                            | 282 | C20H42    | 000112-95-8  | 90   |
| 3    |    |   | Nonadecane, 9-methyl-               | 282 | C20H42    | 013287-24-6  | 87   |
| 4    |    |   | Tridecane, 1-iodo-                  | 310 | C13H27I   | 035599-77-0  | 80   |
| 5    |    |   | Sulfurous acid, 2-ethylhexyl hex... | 278 | C14H30O3S | 1000309-20-2 | 80   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF050321\  
Data File : BF123793.D  
Acq On : 3 May 2021 22:50  
Operator : JU/CG  
Sample : M2217-18  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
HTCRV2-GRAB-CF02-02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF042721.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

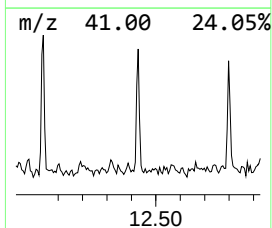
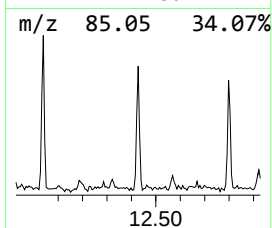
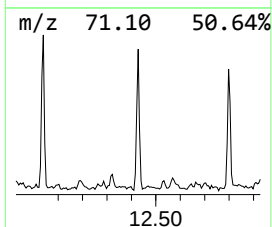
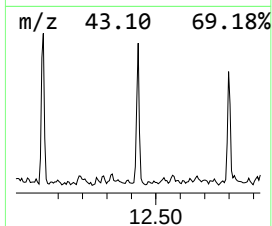
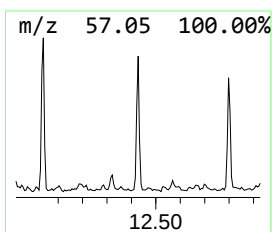
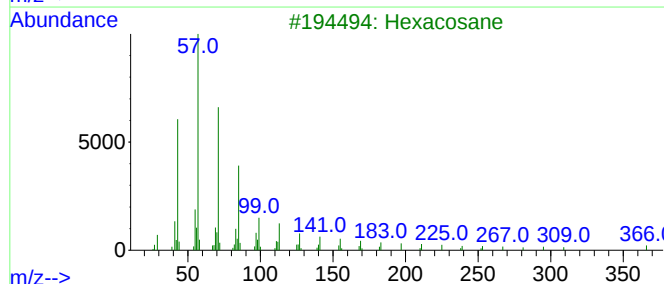
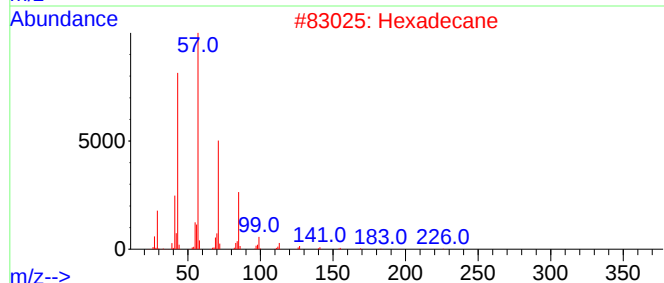
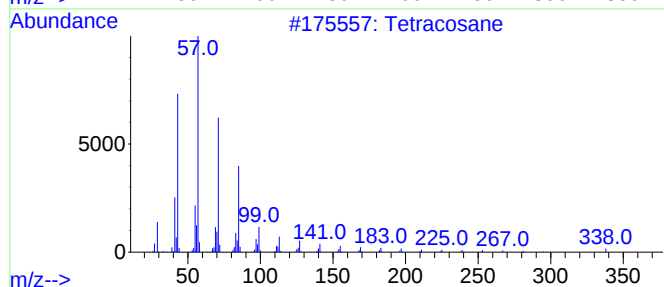
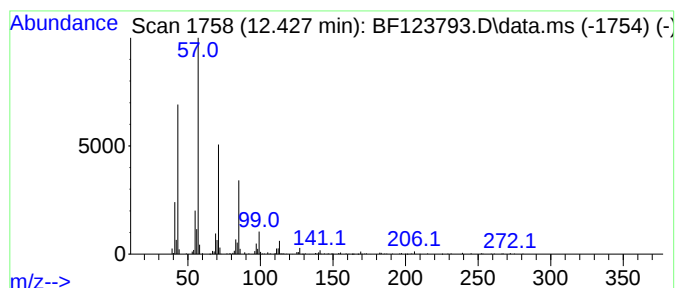
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TIC Integration Parameters: LSCINT.P

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Peak Number 15 Hexacosane Concentration Rank 13

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 12.427 | 6.95 ng | 550398 | Phenanthrene-d10 | 11.333 |

| Hit# | of | 5 | Tentative ID         | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------|-----|---------|-------------|------|
| 1    |    |   | Tetracosane          | 338 | C24H50  | 000646-31-1 | 90   |
| 2    |    |   | Hexadecane           | 226 | C16H34  | 000544-76-3 | 90   |
| 3    |    |   | Hexacosane           | 366 | C26H54  | 000630-01-3 | 90   |
| 4    |    |   | Octacosane           | 394 | C28H58  | 000630-02-4 | 86   |
| 5    |    |   | Eicosane, 10-methyl- | 296 | C21H44  | 054833-23-7 | 86   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF050321\  
Data File : BF123793.D  
Acq On : 3 May 2021 22:50  
Operator : JU/CG  
Sample : M2217-18  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
HTCRV2-GRAB-CF02-02

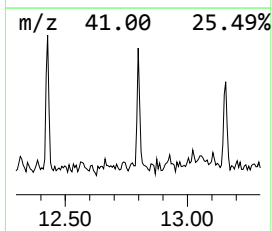
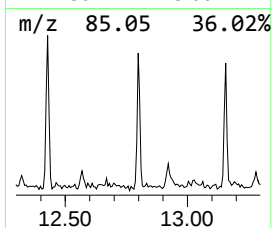
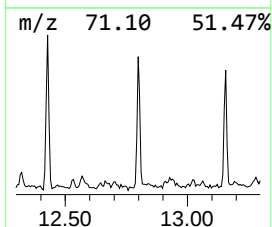
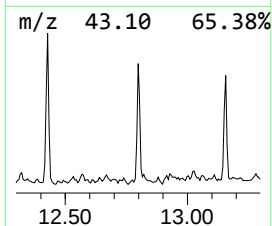
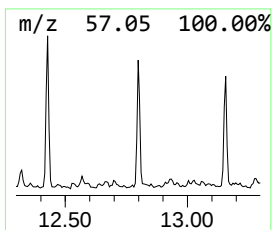
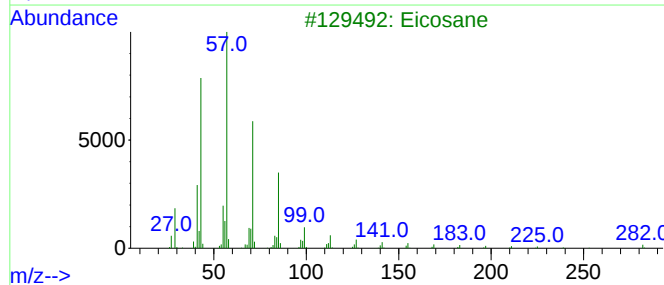
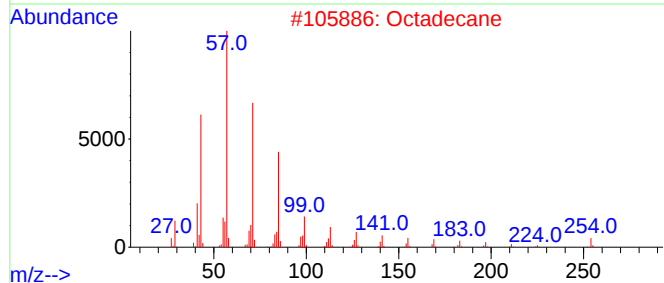
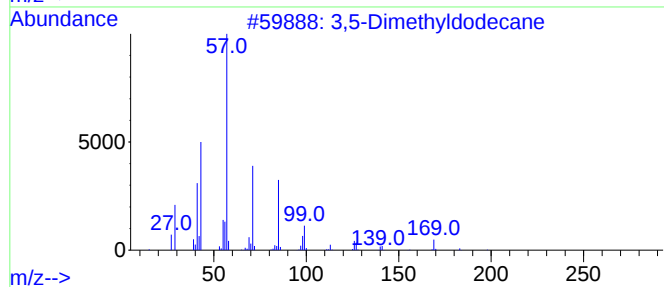
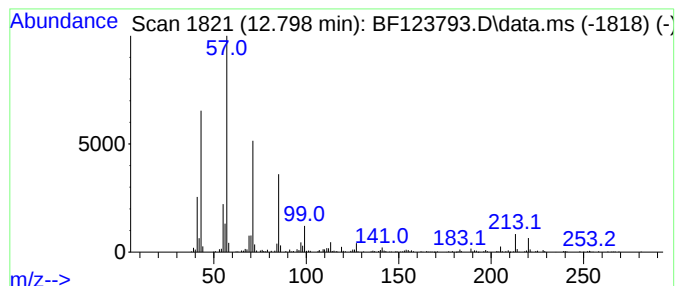
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 16 3,5-Dimethyldodecane Concentration Rank 9

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 12.798 | 7.72 ng | 486714 | Chrysene-d12     | 13.974 |

| Hit# | of 5 | Tentative ID         | MW  | MolForm | CAS#        | Qual |
|------|------|----------------------|-----|---------|-------------|------|
| 1    |      | 3,5-Dimethyldodecane | 198 | C14H30  | 107770-99-0 | 90   |
| 2    |      | Octadecane           | 254 | C18H38  | 000593-45-3 | 90   |
| 3    |      | Eicosane             | 282 | C20H42  | 000112-95-8 | 87   |
| 4    |      | Tetracosane          | 338 | C24H50  | 000646-31-1 | 87   |
| 5    |      | Heptacosane          | 380 | C27H56  | 000593-49-7 | 86   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF050321\  
Data File : BF123793.D  
Acq On : 3 May 2021 22:50  
Operator : JU/CG  
Sample : M2217-18  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
HTCRV2-GRAB-CF02-02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF042721.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

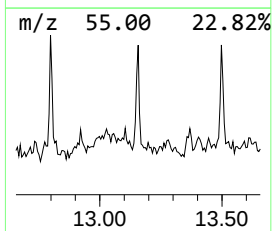
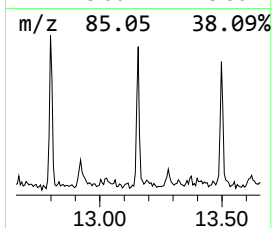
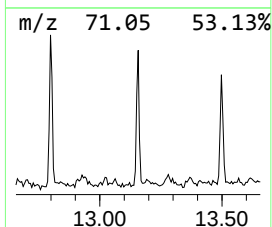
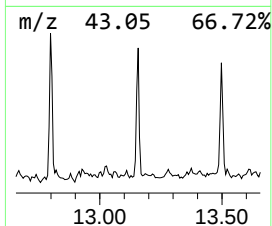
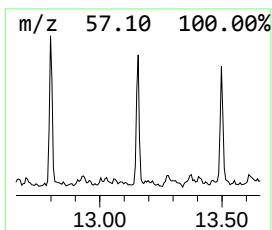
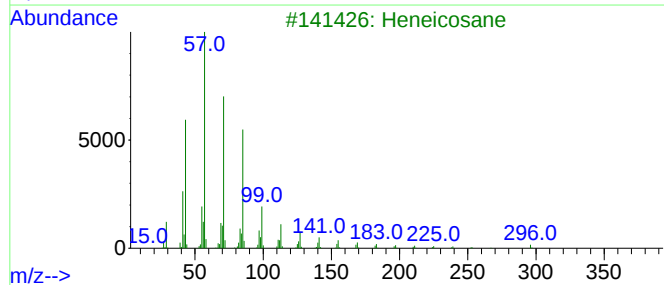
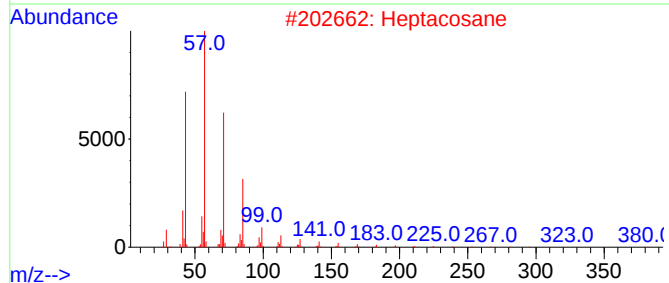
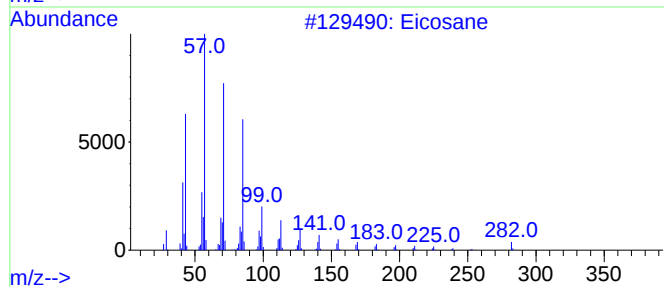
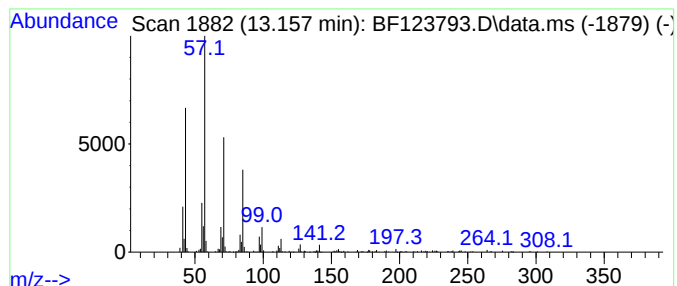
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Peak Number 17 Heneicosane Concentration Rank 14

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 13.157 | 6.78 ng | 427672 | Chrysene-d12     | 13.974 |

| Hit# | of 5 | Tentative ID                 | MW  | MolForm | CAS#        | Qual |
|------|------|------------------------------|-----|---------|-------------|------|
| 1    |      | Eicosane                     | 282 | C20H42  | 000112-95-8 | 94   |
| 2    |      | Heptacosane                  | 380 | C27H56  | 000593-49-7 | 91   |
| 3    |      | Heneicosane                  | 296 | C21H44  | 000629-94-7 | 90   |
| 4    |      | Tetracosane                  | 338 | C24H50  | 000646-31-1 | 90   |
| 5    |      | Dodecane, 2-methyl-6-propyl- | 226 | C16H34  | 055045-08-4 | 86   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF050321\  
Data File : BF123793.D  
Acq On : 3 May 2021 22:50  
Operator : JU/CG  
Sample : M2217-18  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
HTCRV2-GRAB-CF02-02

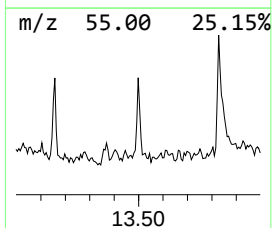
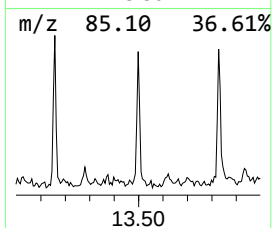
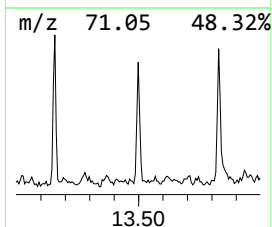
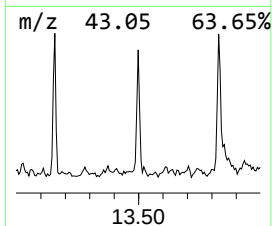
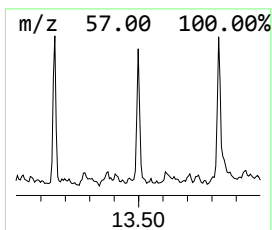
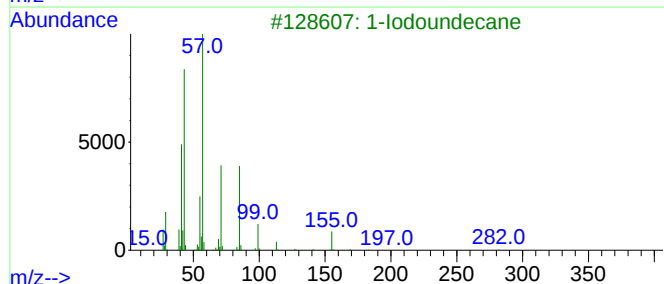
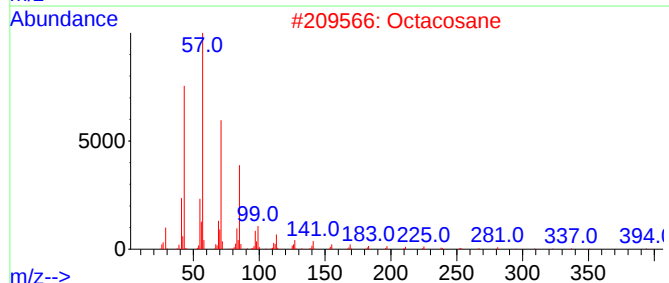
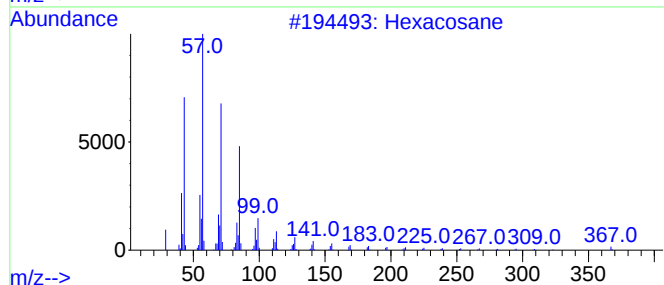
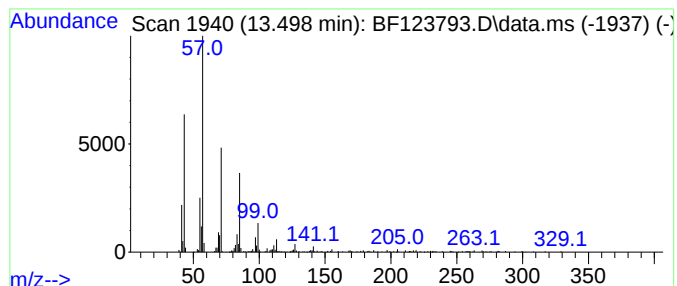
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 18 1-Iodoundecane Concentration Rank 17

| R.T.      | EstConc             | Area   | Relative to ISTD |         | R.T.        |      |
|-----------|---------------------|--------|------------------|---------|-------------|------|
| 13.498    | 5.43 ng             | 342301 | Chrysene-d12     |         | 13.974      |      |
| Hit# of 5 | Tentative ID        |        | MW               | MolForm | CAS#        | Qual |
| 1         | Hexacosane          |        | 366              | C26H54  | 000630-01-3 | 87   |
| 2         | Octacosane          |        | 394              | C28H58  | 000630-02-4 | 87   |
| 3         | 1-Iodoundecane      |        | 282              | C11H23I | 004282-44-4 | 87   |
| 4         | Docosane, 11-butyl- |        | 366              | C26H54  | 013475-76-8 | 86   |
| 5         | Tetracosane         |        | 338              | C24H50  | 000646-31-1 | 86   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF050321\  
Data File : BF123793.D  
Acq On : 3 May 2021 22:50  
Operator : JU/CG  
Sample : M2217-18  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
HTCRV2-GRAB-CF02-02

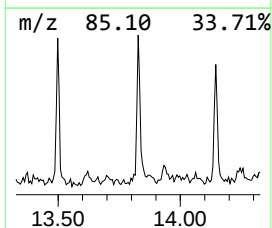
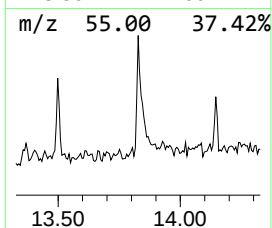
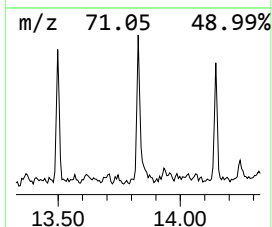
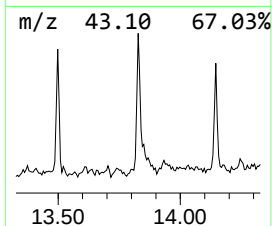
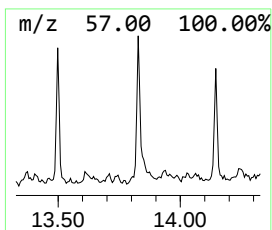
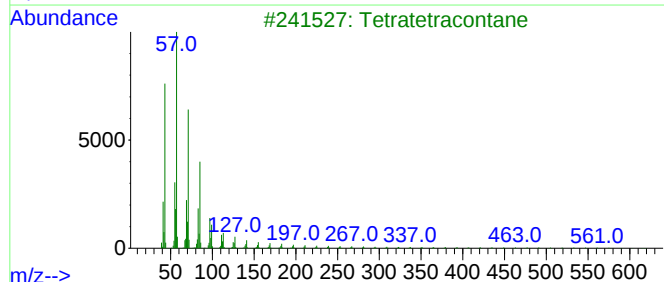
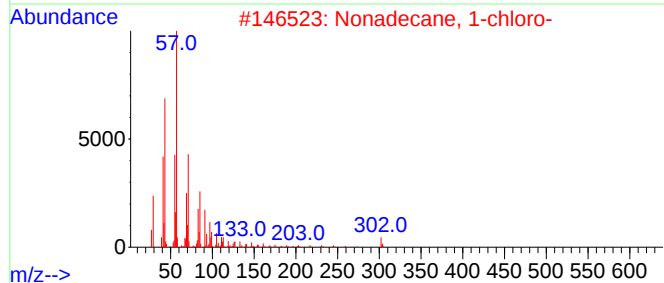
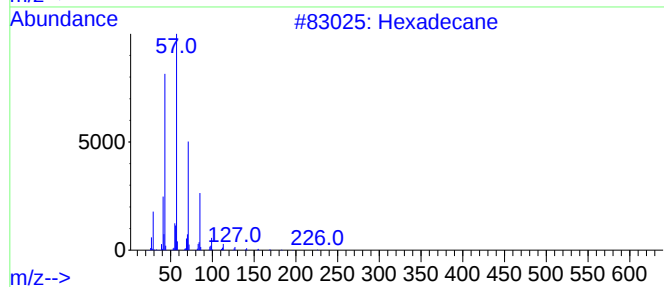
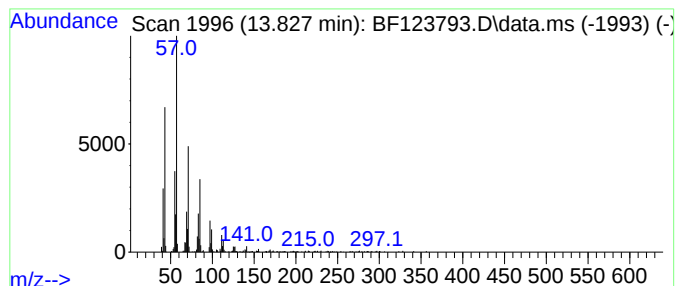
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 19 Nonadecane, 1-chloro- Concentration Rank 5

| R.T.   | EstConc  | Area   | Relative to ISTD | R.T.   |
|--------|----------|--------|------------------|--------|
| 13.827 | 11.07 ng | 698293 | Chrysene-d12     | 13.974 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | Hexadecane                          | 226 | C16H34    | 000544-76-3  | 91   |
| 2    |    |   | Nonadecane, 1-chloro-               | 302 | C19H39Cl  | 062016-76-6  | 91   |
| 3    |    |   | Tetratetracontane                   | 619 | C44H90    | 007098-22-8  | 90   |
| 4    |    |   | Sulfurous acid, butyl tridecyl e... | 320 | C17H36O3S | 1000309-18-0 | 90   |
| 5    |    |   | Sulfurous acid, butyl tetradecyl... | 334 | C18H38O3S | 1000309-18-1 | 90   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF050321\  
Data File : BF123793.D  
Acq On : 3 May 2021 22:50  
Operator : JU/CG  
Sample : M2217-18  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
HTCRV2-GRAB-CF02-02

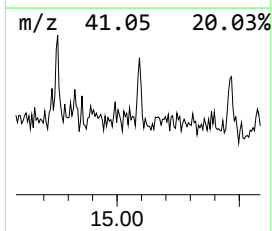
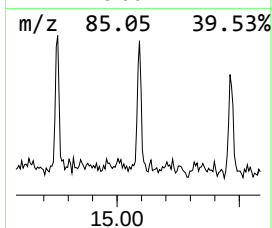
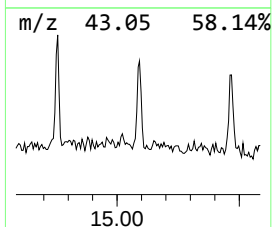
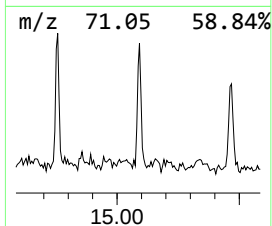
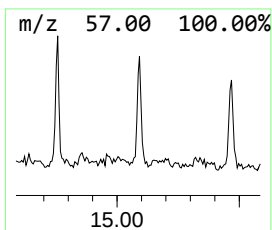
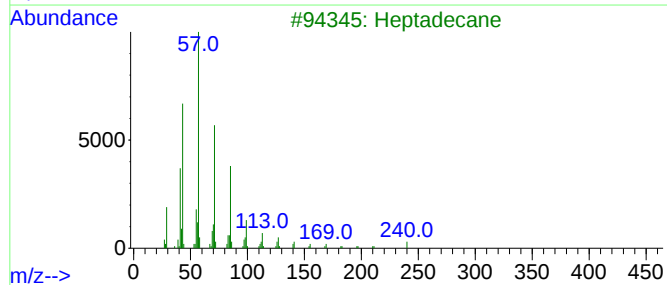
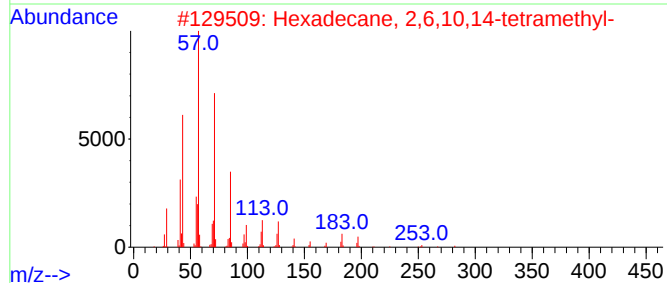
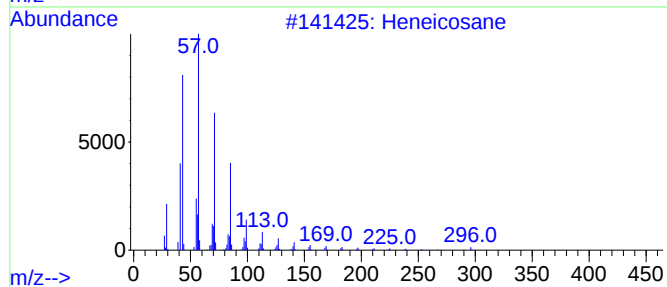
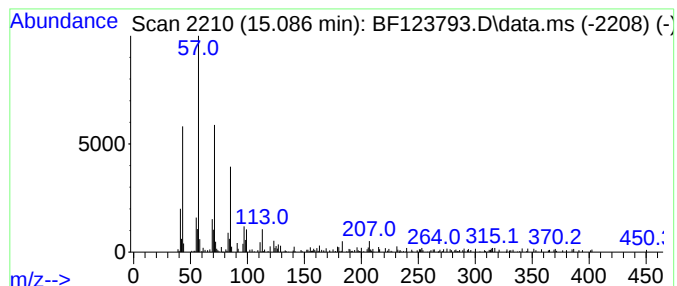
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 20 Hexadecane, 2,6,10,14-tetra... Concentration Rank 15

| R.T.      | EstConc                            | Area   | Relative to ISTD | R.T.        |      |
|-----------|------------------------------------|--------|------------------|-------------|------|
| 15.086    | 6.07 ng                            | 280919 | Perylene-d12     | 15.433      |      |
| Hit# of 5 | Tentative ID                       | MW     | MolForm          | CAS#        | Qual |
| 1         | Heneicosane                        | 296    | C21H44           | 000629-94-7 | 93   |
| 2         | Hexadecane, 2,6,10,14-tetramethyl- | 282    | C20H42           | 000638-36-8 | 93   |
| 3         | Heptadecane                        | 240    | C17H36           | 000629-78-7 | 91   |
| 4         | Octadecane                         | 254    | C18H38           | 000593-45-3 | 91   |
| 5         | 11-Methylhentriacontane            | 451    | C32H66           | 035799-05-4 | 90   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF050321\  
 Data File : BF123793.D  
 Acq On : 3 May 2021 22:50  
 Operator : JU/CG  
 Sample : M2217-18  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 HTRCV2-GRAB-CF02-02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF042721.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L  
 TIC Integration Parameters: LSCINT.P

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |         |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|---------|------|
|                    |        |         |       |          | #                     | RT     | Resp    | Conc |
| Octane             | 4.446  | 5.0     | ng    | 409892   | 1                     | 6.804  | 1645280 | 20.0 |
| Decane, 2,6,7-t... | 5.722  | 7.5     | ng    | 617171   | 1                     | 6.804  | 1645280 | 20.0 |
| Decane             | 6.645  | 15.2    | ng    | 1250700  | 1                     | 6.804  | 1645280 | 20.0 |
| Hexadecane         | 8.687  | 7.5     | ng    | 1184570  | 2                     | 8.092  | 3171780 | 20.0 |
| Tridecane          | 9.251  | 14.7    | ng    | 1401870  | 3                     | 9.845  | 1911660 | 20.0 |
| Decane, 6-ethyl... | 9.781  | 11.4    | ng    | 1093410  | 3                     | 9.845  | 1911660 | 20.0 |
| Dodecane, 2-met... | 10.281 | 10.2    | ng    | 975013   | 3                     | 9.845  | 1911660 | 20.0 |
| Heptadecane        | 10.757 | 17.0    | ng    | 1345650  | 4                     | 11.333 | 1583270 | 20.0 |
| unknown10.851      | 10.851 | 5.5     | ng    | 431199   | 4                     | 11.333 | 1583270 | 20.0 |
| Acetamide, N-(3... | 10.998 | 5.3     | ng    | 417041   | 4                     | 11.333 | 1583270 | 20.0 |
| 4-tert-Butylphe... | 11.033 | 4.9     | ng    | 390551   | 4                     | 11.333 | 1583270 | 20.0 |
| Pentadecane        | 11.204 | 9.0     | ng    | 715159   | 4                     | 11.333 | 1583270 | 20.0 |
| Tetracosane        | 11.628 | 8.1     | ng    | 643066   | 4                     | 11.333 | 1583270 | 20.0 |
| Eicosane           | 12.039 | 7.0     | ng    | 552230   | 4                     | 11.333 | 1583270 | 20.0 |
| Hexacosane         | 12.427 | 7.0     | ng    | 550398   | 4                     | 11.333 | 1583270 | 20.0 |
| 3,5-Dimethyldod... | 12.798 | 7.7     | ng    | 486714   | 5                     | 13.974 | 1261470 | 20.0 |
| Heneicosane        | 13.157 | 6.8     | ng    | 427672   | 5                     | 13.974 | 1261470 | 20.0 |
| 1-Iodoundecane     | 13.498 | 5.4     | ng    | 342301   | 5                     | 13.974 | 1261470 | 20.0 |
| Nonadecane, 1-c... | 13.827 | 11.1    | ng    | 698293   | 5                     | 13.974 | 1261470 | 20.0 |
| Hexadecane, 2,6... | 15.086 | 6.1     | ng    | 280919   | 6                     | 15.433 | 925582  | 20.0 |