

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF092523\  
 Data File : BF135433.D  
 Acq On : 25 Sep 2023 18:22  
 Operator : CG\JU  
 Sample : 04582-01 2X  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 EO-02-092223

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-BF091123.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF135433.D\data.ms

| peak<br># | R.T.<br>min | first<br>scan | max<br>scan | last<br>scan | PK<br>TY | peak<br>height | corr.<br>area | corr.<br>% max. | % of<br>total |
|-----------|-------------|---------------|-------------|--------------|----------|----------------|---------------|-----------------|---------------|
| 1         | 5.381       | 556           | 560         | 579          | rBV      | 1887623        | 1989819       | 96.91%          | 8.003%        |
| 2         | 6.398       | 729           | 733         | 745          | rBV      | 2033483        | 2053345       | 100.00%         | 8.258%        |
| 3         | 6.587       | 760           | 765         | 770          | rBV3     | 20031          | 27516         | 1.34%           | 0.111%        |
| 4         | 6.751       | 790           | 793         | 800          | rVB      | 924331         | 758825        | 36.96%          | 3.052%        |
| 5         | 7.287       | 877           | 884         | 886          | rBV4     | 15474          | 25131         | 1.22%           | 0.101%        |
| 6         | 7.316       | 886           | 889         | 893          | rBV      | 1498189        | 1212916       | 59.07%          | 4.878%        |
| 7         | 7.398       | 898           | 903         | 905          | rVB6     | 20910          | 34179         | 1.66%           | 0.137%        |
| 8         | 7.551       | 927           | 929         | 933          | rVB      | 39875          | 33297         | 1.62%           | 0.134%        |
| 9         | 7.781       | 964           | 968         | 972          | rBV5     | 17997          | 29319         | 1.43%           | 0.118%        |
| 10        | 7.851       | 977           | 980         | 986          | rVB5     | 26484          | 30624         | 1.49%           | 0.123%        |
| 11        | 7.910       | 986           | 990         | 992          | rBV4     | 19455          | 31182         | 1.52%           | 0.125%        |
| 12        | 7.987       | 998           | 1003        | 1004         | rBV4     | 18862          | 29621         | 1.44%           | 0.119%        |
| 13        | 8.034       | 1004          | 1011        | 1014         | rBV      | 1127068        | 1026492       | 49.99%          | 4.128%        |
| 14        | 8.092       | 1019          | 1021        | 1023         | rVB      | 44903          | 36011         | 1.75%           | 0.145%        |
| 15        | 8.204       | 1035          | 1040        | 1042         | rBV5     | 23871          | 32570         | 1.59%           | 0.131%        |
| 16        | 8.234       | 1042          | 1045        | 1047         | rVB3     | 38986          | 36697         | 1.79%           | 0.148%        |
| 17        | 8.322       | 1056          | 1060        | 1063         | rBV5     | 43456          | 53911         | 2.63%           | 0.217%        |
| 18        | 8.410       | 1072          | 1075        | 1078         | rVB4     | 40534          | 35149         | 1.71%           | 0.141%        |
| 19        | 8.451       | 1079          | 1082        | 1084         | rBV      | 75059          | 67589         | 3.29%           | 0.272%        |
| 20        | 8.534       | 1094          | 1096        | 1099         | rVB3     | 32980          | 26162         | 1.27%           | 0.105%        |
| 21        | 8.569       | 1099          | 1102        | 1106         | rBV5     | 34720          | 42987         | 2.09%           | 0.173%        |
| 22        | 8.622       | 1108          | 1111        | 1114         | rBV      | 146482         | 134286        | 6.54%           | 0.540%        |
| 23        | 8.851       | 1148          | 1150        | 1153         | rVB2     | 49335          | 45181         | 2.20%           | 0.182%        |
| 24        | 8.904       | 1157          | 1159        | 1162         | rBV3     | 46915          | 47554         | 2.32%           | 0.191%        |
| 25        | 8.992       | 1169          | 1174        | 1176         | rBV5     | 46253          | 61287         | 2.98%           | 0.246%        |
| 26        | 9.051       | 1182          | 1184        | 1190         | rBV2     | 119952         | 117648        | 5.73%           | 0.473%        |
| 27        | 9.110       | 1190          | 1194        | 1197         | rBV      | 2499680        | 2033766       | 99.05%          | 8.179%        |
| 28        | 9.192       | 1204          | 1208        | 1212         | rBV      | 254467         | 255721        | 12.45%          | 1.028%        |
| 29        | 9.228       | 1212          | 1214        | 1217         | rVV4     | 60523          | 84233         | 4.10%           | 0.339%        |
| 30        | 9.257       | 1217          | 1219        | 1225         | rVB5     | 78464          | 87460         | 4.26%           | 0.352%        |
| 31        | 9.304       | 1225          | 1227        | 1229         | rBV3     | 40547          | 28653         | 1.40%           | 0.115%        |
| 32        | 9.381       | 1238          | 1240        | 1242         | rVB2     | 48394          | 34282         | 1.67%           | 0.138%        |
| 33        | 9.422       | 1244          | 1247        | 1249         | rVV3     | 40867          | 41462         | 2.02%           | 0.167%        |
| 34        | 9.445       | 1249          | 1251        | 1253         | rVV3     | 74510          | 69052         | 3.36%           | 0.278%        |
| 35        | 9.469       | 1253          | 1255        | 1257         | rVV3     | 72537          | 59601         | 2.90%           | 0.240%        |
| 36        | 9.510       | 1257          | 1262        | 1264         | rVV2     | 196858         | 211274        | 10.29%          | 0.850%        |

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 Sample : 04582-01 2X  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 EO-02-092223

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-BF091123.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 37 | 9.534  | 1264 | 1266 | 1269 | rVB3 | 93652   | 90841   | 4.42%  | 0.365% |
| 38 | 9.569  | 1269 | 1272 | 1275 | rVB  | 97020   | 82973   | 4.04%  | 0.334% |
| 39 | 9.598  | 1275 | 1277 | 1283 | rVB6 | 36861   | 43635   | 2.13%  | 0.175% |
| 40 | 9.651  | 1283 | 1286 | 1290 | rBV4 | 60953   | 89003   | 4.33%  | 0.358% |
| 41 | 9.692  | 1290 | 1293 | 1295 | rBV3 | 54992   | 49646   | 2.42%  | 0.200% |
| 42 | 9.722  | 1295 | 1298 | 1302 | rVB  | 325800  | 258935  | 12.61% | 1.041% |
| 43 | 9.763  | 1302 | 1305 | 1306 | rBV3 | 61956   | 72552   | 3.53%  | 0.292% |
| 44 | 9.786  | 1306 | 1309 | 1313 | rVB  | 1106616 | 898272  | 43.75% | 3.613% |
| 45 | 9.892  | 1325 | 1327 | 1331 | rVB4 | 52146   | 50968   | 2.48%  | 0.205% |
| 46 | 9.963  | 1334 | 1339 | 1340 | rBV3 | 61243   | 100900  | 4.91%  | 0.406% |
| 47 | 10.045 | 1349 | 1353 | 1356 | rBV3 | 115574  | 152096  | 7.41%  | 0.612% |
| 48 | 10.104 | 1361 | 1363 | 1370 | rVV4 | 49825   | 85310   | 4.15%  | 0.343% |
| 49 | 10.192 | 1376 | 1378 | 1380 | rBV2 | 36232   | 41300   | 2.01%  | 0.166% |
| 50 | 10.222 | 1380 | 1383 | 1386 | rVV  | 399761  | 325081  | 15.83% | 1.307% |
| 51 | 10.245 | 1386 | 1387 | 1390 | rVV2 | 47448   | 44753   | 2.18%  | 0.180% |
| 52 | 10.275 | 1390 | 1392 | 1397 | rVB5 | 48819   | 57005   | 2.78%  | 0.229% |
| 53 | 10.445 | 1417 | 1421 | 1426 | rVB  | 172181  | 223388  | 10.88% | 0.898% |
| 54 | 10.492 | 1427 | 1429 | 1433 | rVB3 | 59544   | 60109   | 2.93%  | 0.242% |
| 55 | 10.528 | 1433 | 1435 | 1438 | rBV2 | 64823   | 61073   | 2.97%  | 0.246% |
| 56 | 10.581 | 1438 | 1444 | 1455 | rBV  | 1060639 | 1059390 | 51.59% | 4.261% |
| 57 | 10.698 | 1461 | 1464 | 1472 | rVB  | 389665  | 520223  | 25.34% | 2.092% |
| 58 | 10.892 | 1494 | 1497 | 1498 | rBV3 | 43941   | 48727   | 2.37%  | 0.196% |
| 59 | 11.145 | 1537 | 1540 | 1543 | rBV  | 300109  | 259680  | 12.65% | 1.044% |
| 60 | 11.175 | 1543 | 1545 | 1551 | rVB  | 198416  | 213366  | 10.39% | 0.858% |
| 61 | 11.280 | 1560 | 1563 | 1565 | rBV  | 945756  | 738778  | 35.98% | 2.971% |
| 62 | 11.304 | 1565 | 1567 | 1570 | rVB  | 156306  | 126239  | 6.15%  | 0.508% |
| 63 | 11.392 | 1580 | 1582 | 1585 | rBV4 | 35043   | 31787   | 1.55%  | 0.128% |
| 64 | 11.457 | 1591 | 1593 | 1596 | rVB2 | 40371   | 34074   | 1.66%  | 0.137% |
| 65 | 11.528 | 1603 | 1605 | 1608 | rVB2 | 60320   | 50863   | 2.48%  | 0.205% |
| 66 | 11.575 | 1610 | 1613 | 1616 | rBV  | 282930  | 220831  | 10.75% | 0.888% |
| 67 | 11.739 | 1639 | 1641 | 1646 | rBV4 | 35821   | 60854   | 2.96%  | 0.245% |
| 68 | 11.786 | 1646 | 1649 | 1651 | rVV  | 75853   | 79531   | 3.87%  | 0.320% |
| 69 | 11.816 | 1651 | 1654 | 1661 | rVV  | 802107  | 810412  | 39.47% | 3.259% |
| 70 | 11.898 | 1665 | 1668 | 1670 | rVV  | 127928  | 148727  | 7.24%  | 0.598% |
| 71 | 11.922 | 1670 | 1672 | 1675 | rVB  | 80762   | 69951   | 3.41%  | 0.281% |
| 72 | 11.986 | 1680 | 1683 | 1686 | rBV  | 249612  | 190956  | 9.30%  | 0.768% |
| 73 | 12.080 | 1697 | 1699 | 1703 | rBV2 | 31503   | 34778   | 1.69%  | 0.140% |
| 74 | 12.210 | 1719 | 1721 | 1723 | rBV3 | 37138   | 36250   | 1.77%  | 0.146% |
| 75 | 12.263 | 1728 | 1730 | 1733 | rVV2 | 47494   | 45891   | 2.23%  | 0.185% |
| 76 | 12.339 | 1740 | 1743 | 1745 | rBV2 | 92452   | 94220   | 4.59%  | 0.379% |

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 Sample : 04582-01 2X  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 EO-02-092223

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-BF091123.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 77 | 12.375 | 1746 | 1749 | 1754 | rVB2 | 233401  | 229262  | 11.17% | 0.922% |
| 78 | 12.510 | 1767 | 1772 | 1773 | rBV2 | 461607  | 572893  | 27.90% | 2.304% |
| 79 | 12.533 | 1773 | 1776 | 1784 | rVV  | 928905  | 1202865 | 58.58% | 4.838% |
| 80 | 12.610 | 1786 | 1789 | 1794 | rVB  | 276538  | 306713  | 14.94% | 1.234% |
| 81 | 12.727 | 1806 | 1809 | 1811 | rBV  | 342540  | 316949  | 15.44% | 1.275% |
| 82 | 12.751 | 1811 | 1813 | 1816 | rVB  | 180477  | 142586  | 6.94%  | 0.573% |
| 83 | 12.874 | 1830 | 1834 | 1837 | rBV  | 1701372 | 1423543 | 69.33% | 5.725% |
| 84 | 13.110 | 1871 | 1874 | 1876 | rBV  | 138965  | 118926  | 5.79%  | 0.478% |
| 85 | 13.169 | 1881 | 1884 | 1886 | rBV2 | 59372   | 62425   | 3.04%  | 0.251% |
| 86 | 13.257 | 1897 | 1899 | 1902 | rBV  | 68052   | 54070   | 2.63%  | 0.217% |
| 87 | 13.292 | 1902 | 1905 | 1907 | rBV  | 90031   | 80353   | 3.91%  | 0.323% |
| 88 | 13.369 | 1915 | 1918 | 1924 | rVB7 | 106658  | 127273  | 6.20%  | 0.512% |
| 89 | 13.416 | 1924 | 1926 | 1929 | rBV4 | 61236   | 66542   | 3.24%  | 0.268% |
| 90 | 13.451 | 1930 | 1932 | 1936 | rVB  | 59595   | 61489   | 2.99%  | 0.247% |
| 91 | 13.786 | 1987 | 1989 | 1993 | rBV3 | 78269   | 74542   | 3.63%  | 0.300% |
| 92 | 13.939 | 2010 | 2015 | 2017 | rBV2 | 684734  | 783344  | 38.15% | 3.150% |
| 93 | 13.963 | 2017 | 2019 | 2022 | rVB  | 145928  | 122831  | 5.98%  | 0.494% |
| 94 | 15.404 | 2261 | 2264 | 2272 | rBV  | 393955  | 529581  | 25.79% | 2.130% |

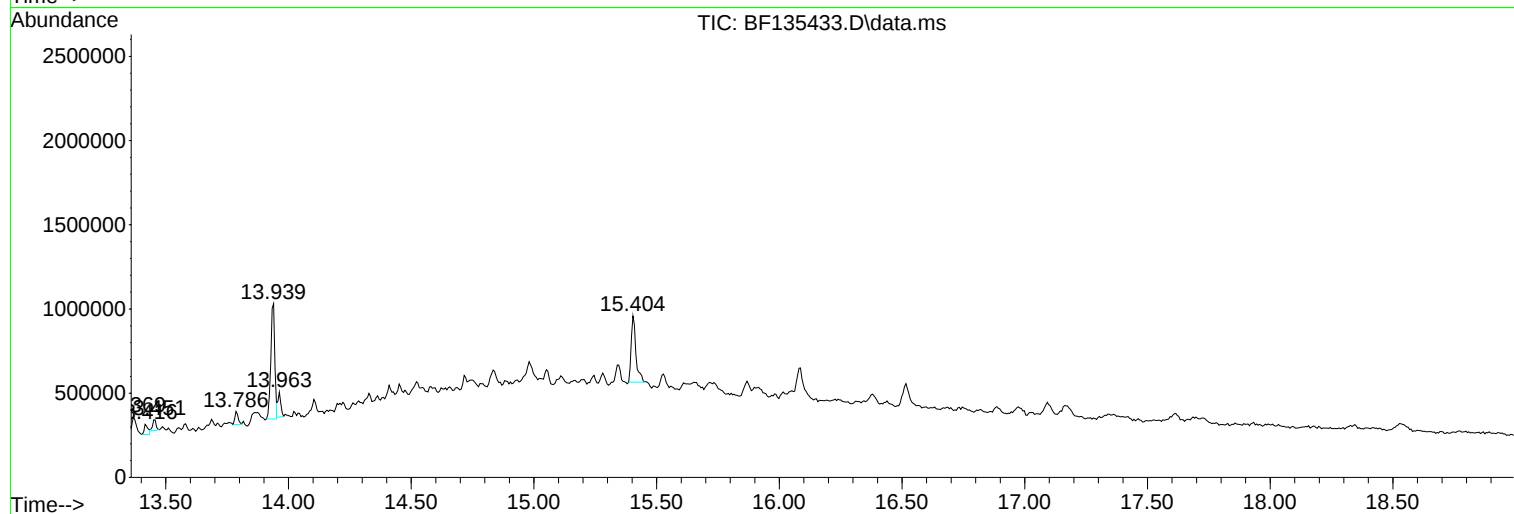
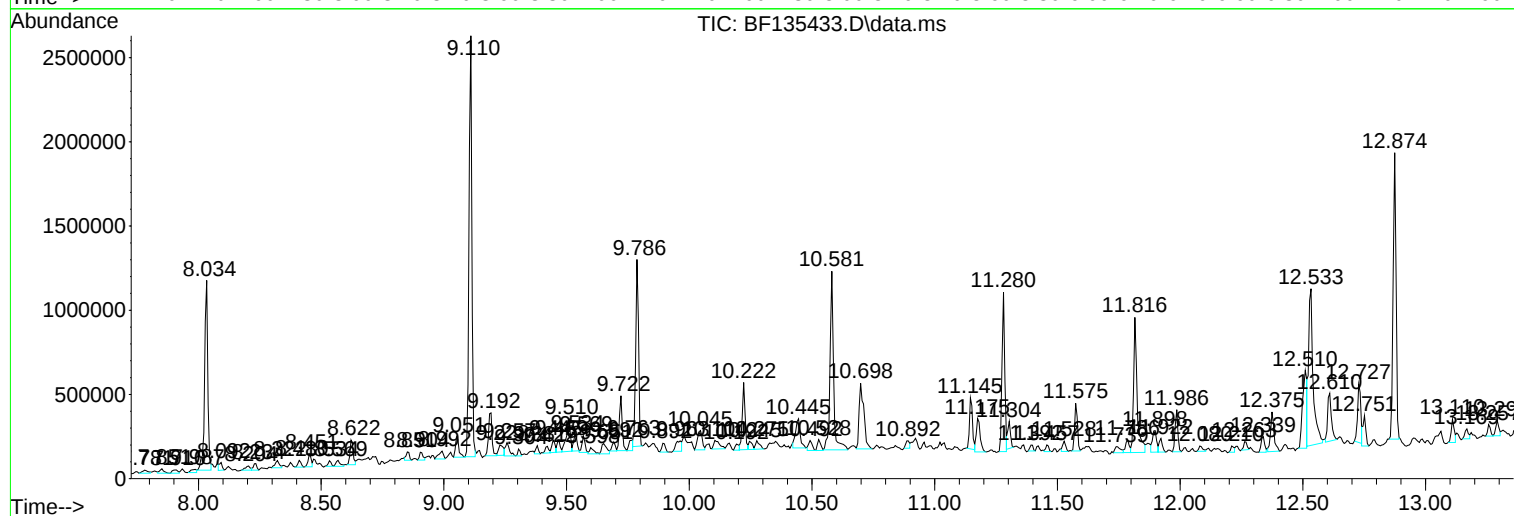
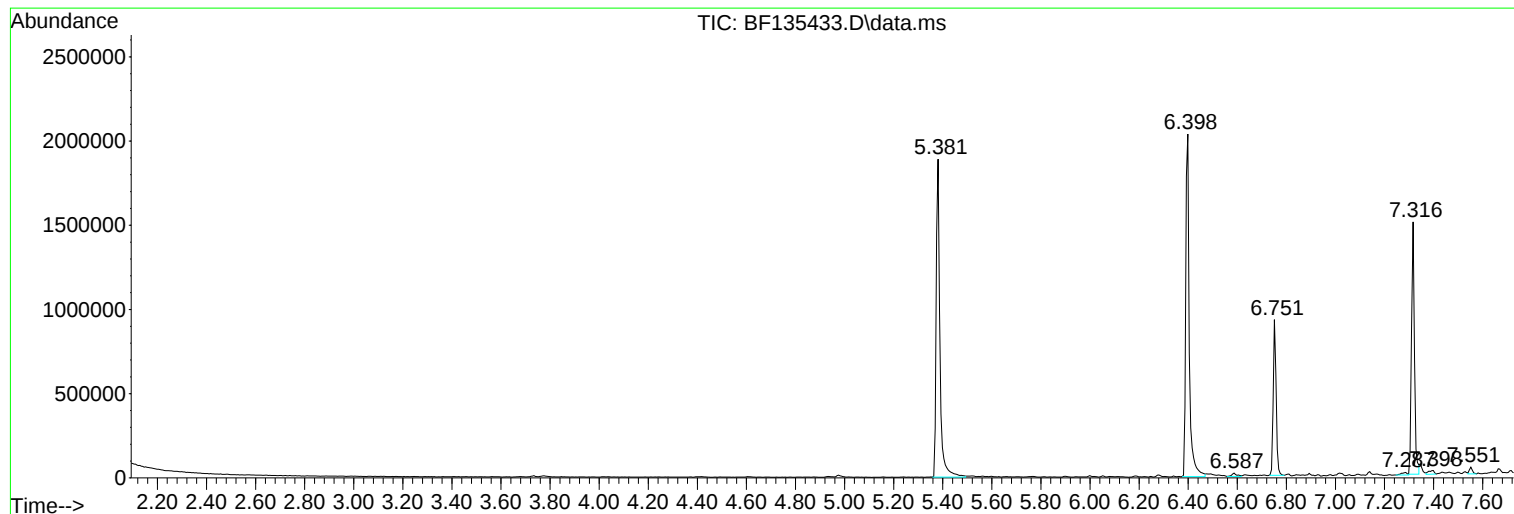
Sum of corrected areas: 24864357

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF092523\  
Data File : BF135433.D  
Acq On : 25 Sep 2023 18:22  
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Sample : 04582-01 2X  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EO-02-092223

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091123.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF092523\  
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Instrument :  
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ClientSampleId :  
EO-02-092223

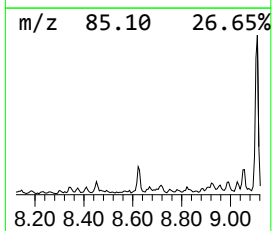
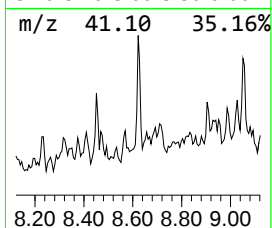
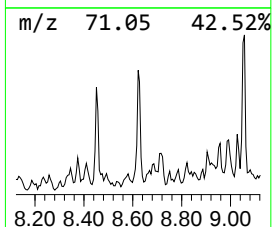
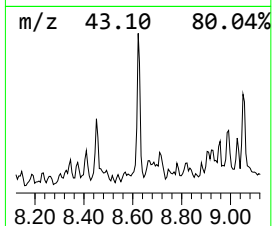
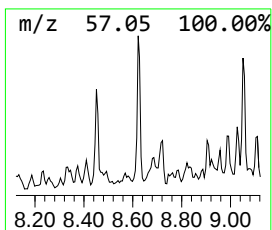
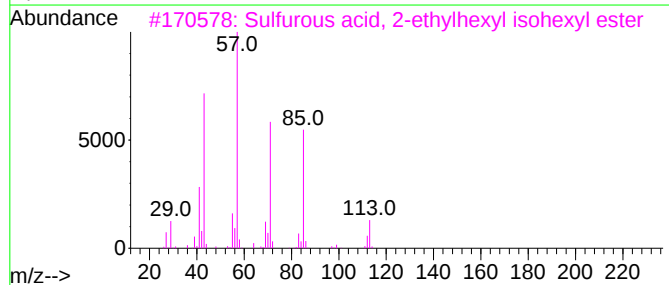
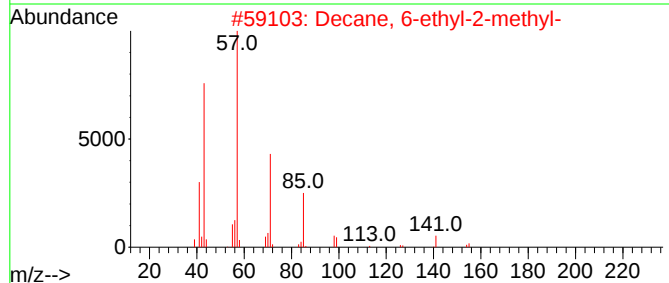
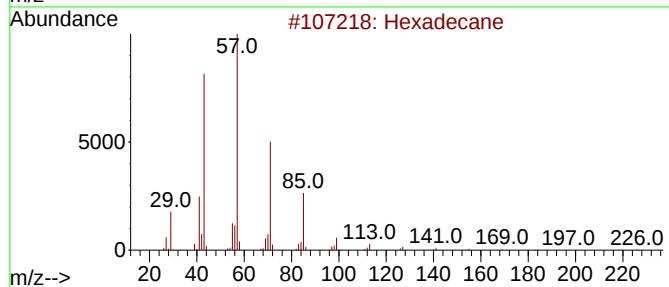
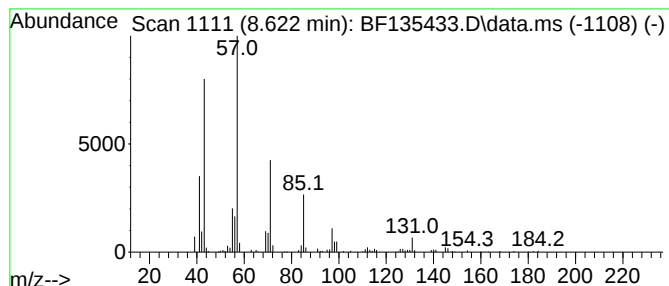
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091123.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 1 Hexadecane Concentration Rank 19

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 8.622 | 2.62 ng | 134286 | Naphthalene-d8   | 8.034 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | Hexadecane                          | 226 | C16H34    | 000544-76-3  | 86   |
| 2    |    |   | Decane, 6-ethyl-2-methyl-           | 184 | C13H28    | 062108-21-8  | 78   |
| 3    |    |   | Sulfurous acid, 2-ethylhexyl iso... | 278 | C14H30O3S | 1000309-19-0 | 72   |
| 4    |    |   | Heptadecane, 2,6,10,14-tetramethyl- | 296 | C21H44    | 018344-37-1  | 64   |
| 5    |    |   | 1-Iodo-2-methylnonane               | 268 | C10H21I   | 1000101-47-9 | 64   |



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EO-02-092223

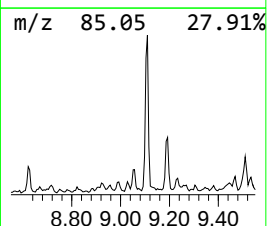
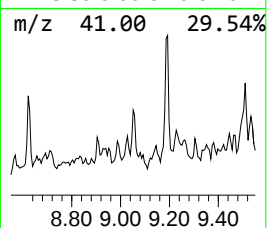
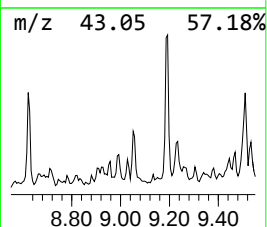
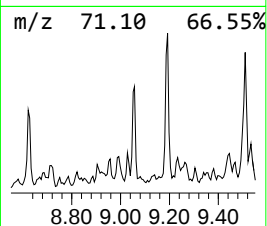
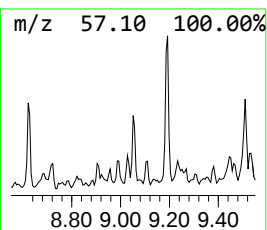
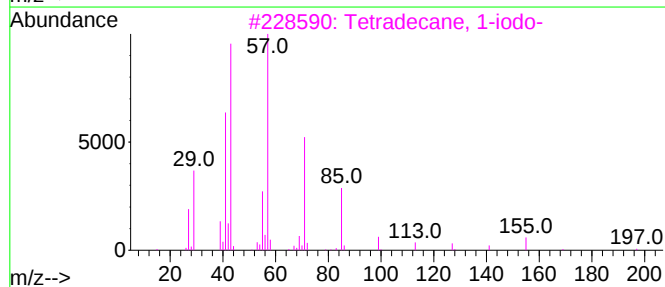
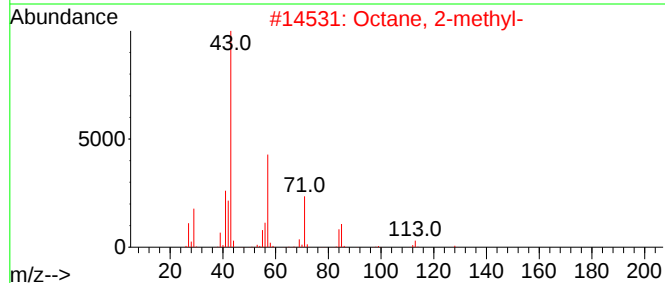
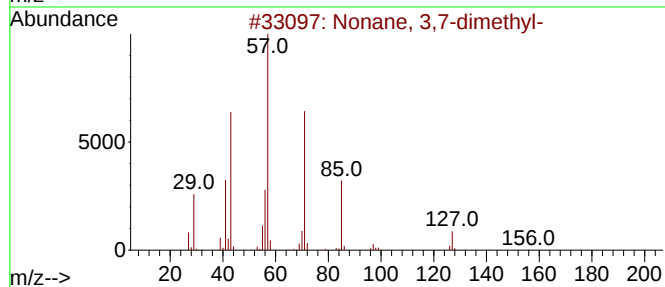
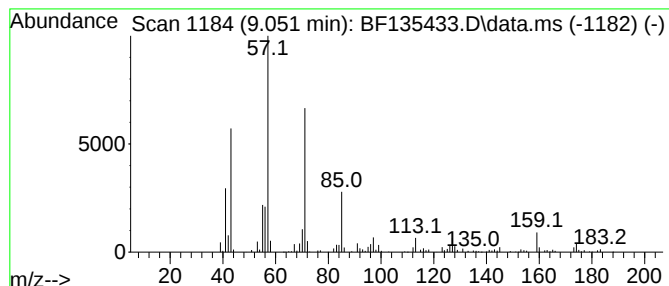
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091123.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 2 Nonane, 3,7-dimethyl- Concentration Rank 18

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 9.051 | 2.62 ng | 117648 | Acenaphthene-d10 | 9.786 |

| Hit# | of | 5 | Tentative ID                      | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-----------------------------------|-----|-----------|--------------|------|
| 1    |    |   | Nonane, 3,7-dimethyl-             | 156 | C11H24    | 017302-32-8  | 72   |
| 2    |    |   | Octane, 2-methyl-                 | 128 | C9H20     | 003221-61-2  | 64   |
| 3    |    |   | Tetradecane, 1-iodo-              | 324 | C14H29I   | 019218-94-1  | 53   |
| 4    |    |   | Sulfurous acid, butyl nonyl ester | 264 | C13H28O3S | 1000309-17-6 | 53   |
| 5    |    |   | Undecane, 6,6-dimethyl-           | 184 | C13H28    | 017312-76-4  | 50   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF092523\  
Data File : BF135433.D  
Acq On : 25 Sep 2023 18:22  
Operator : CG\JU  
Sample : 04582-01 2X  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EO-02-092223

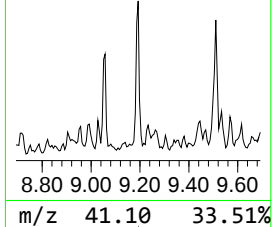
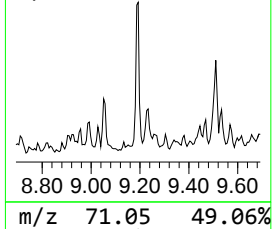
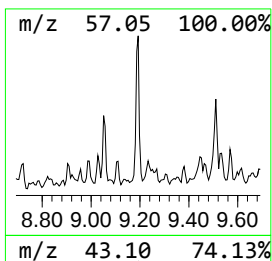
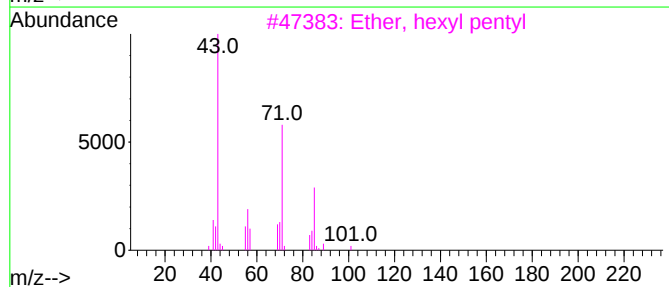
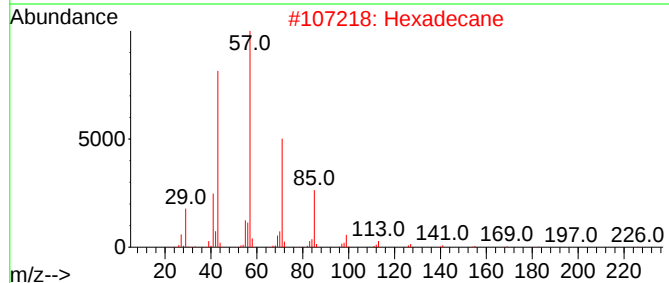
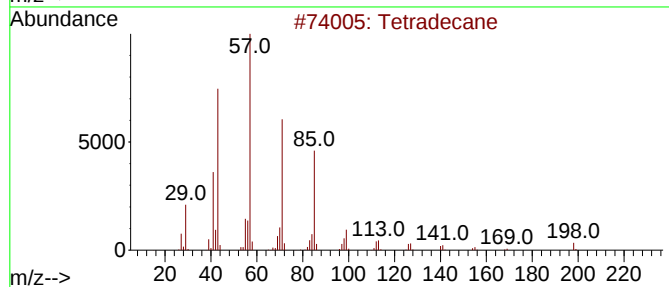
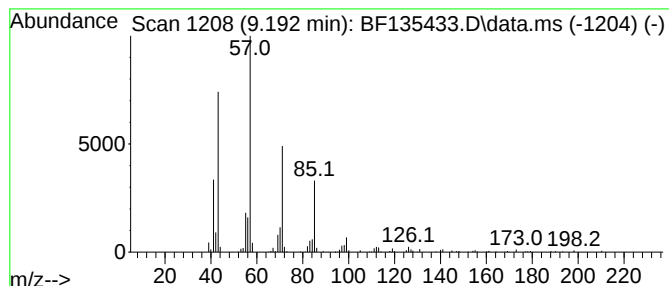
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 3 Tetradecane Concentration Rank 10

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 9.192 | 5.69 ng | 255721 | Acenaphthene-d10 | 9.786 |

| Hit# | of | 5 | Tentative ID                       | MW  | MolForm   | CAS#         | Qual |
|------|----|---|------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | Tetradecane                        | 198 | C14H30    | 000629-59-4  | 95   |
| 2    |    |   | Hexadecane                         | 226 | C16H34    | 000544-76-3  | 90   |
| 3    |    |   | Ether, hexyl pentyl                | 172 | C11H24O   | 032357-83-8  | 72   |
| 4    |    |   | Dodecane, 2-methyl-6-propyl-       | 226 | C16H34    | 055045-08-4  | 72   |
| 5    |    |   | Sulfurous acid, hexyl pentyl ester | 236 | C11H24O3S | 1000309-14-1 | 72   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF092523\  
Data File : BF135433.D  
Acq On : 25 Sep 2023 18:22  
Operator : CG\JU  
Sample : 04582-01 2X  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EO-02-092223

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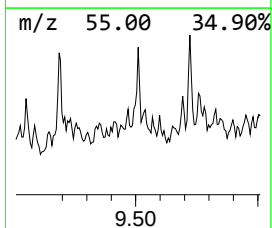
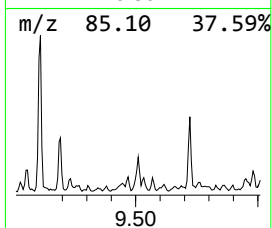
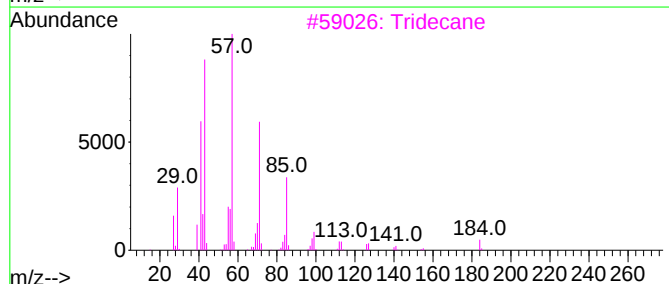
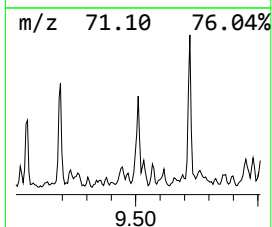
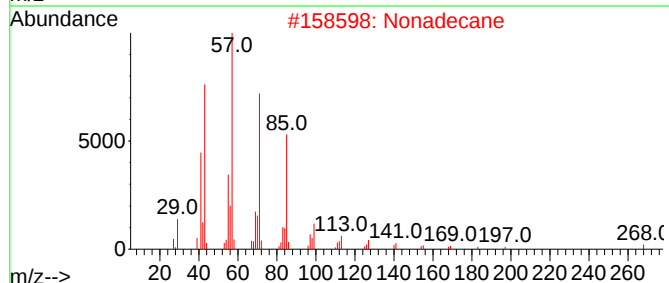
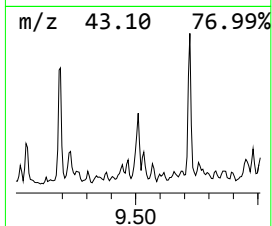
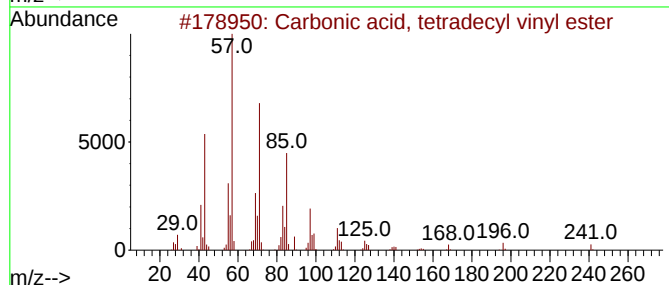
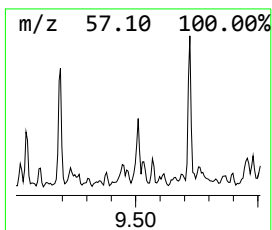
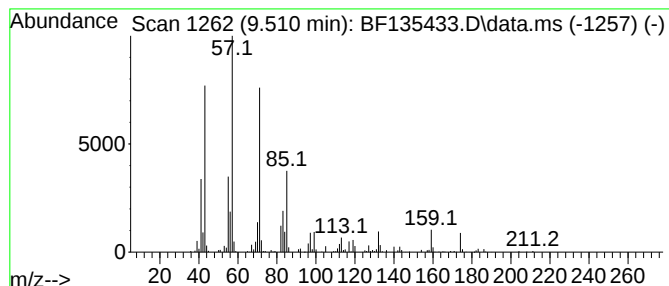
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TIC Integration Parameters: LSCINT.P

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Peak Number 4 Carbonic acid, tetradecyl v... Concentration Rank 13

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 9.510 | 4.70 ng | 211274 | Acenaphthene-d10 | 9.786 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|----------|--------------|------|
| 1    |    |   | Carbonic acid, tetradecyl vinyl ... | 284 | C17H32O3 | 1000382-54-5 | 72   |
| 2    |    |   | Nonadecane                          | 268 | C19H40   | 000629-92-5  | 68   |
| 3    |    |   | Tridecane                           | 184 | C13H28   | 000629-50-5  | 64   |
| 4    |    |   | Tetradecane, 1-iodo-                | 324 | C14H29I  | 019218-94-1  | 64   |
| 5    |    |   | Pentadecane                         | 212 | C15H32   | 000629-62-9  | 59   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF092523\  
Data File : BF135433.D  
Acq On : 25 Sep 2023 18:22  
Operator : CG\JU  
Sample : 04582-01 2X  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EO-02-092223

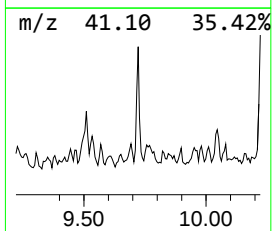
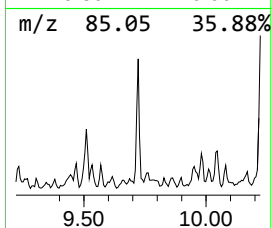
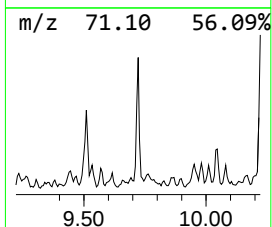
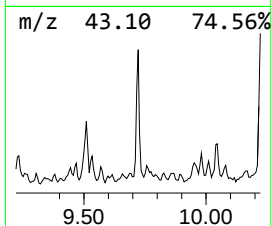
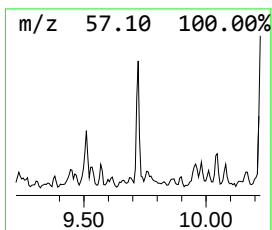
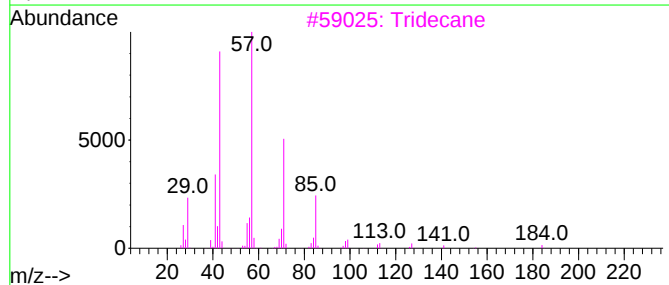
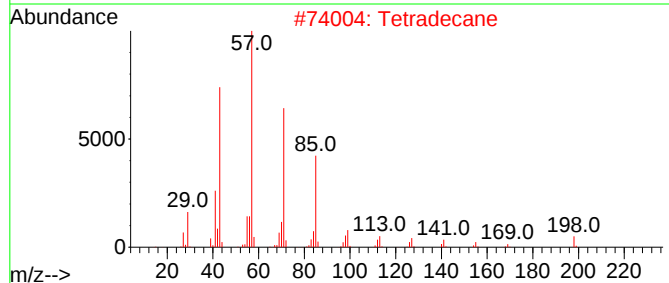
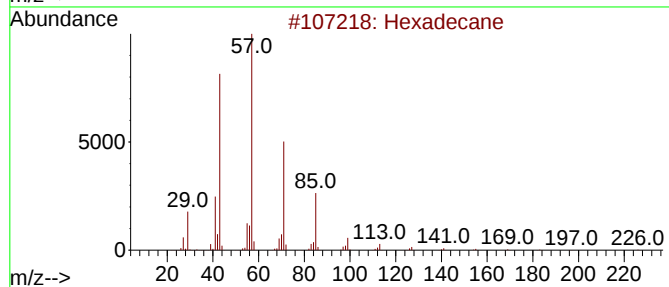
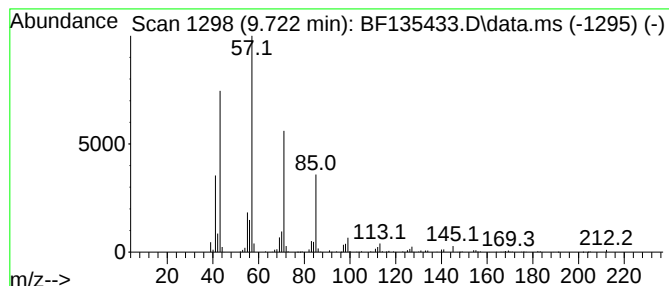
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 5 Dodecane, 1-iodo- Concentration Rank 9

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 9.722 | 5.77 ng | 258935 | Acenaphthene-d10 | 9.786 |

| Hit# | of | 5 | Tentative ID          | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------|-----|---------|-------------|------|
| 1    |    |   | Hexadecane            | 226 | C16H34  | 000544-76-3 | 91   |
| 2    |    |   | Tetradecane           | 198 | C14H30  | 000629-59-4 | 90   |
| 3    |    |   | Tridecane             | 184 | C13H28  | 000629-50-5 | 86   |
| 4    |    |   | Dodecane, 1-iodo-     | 296 | C12H25I | 004292-19-7 | 72   |
| 5    |    |   | Nonane, 3,7-dimethyl- | 156 | C11H24  | 017302-32-8 | 64   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF092523\  
Data File : BF135433.D  
Acq On : 25 Sep 2023 18:22  
Operator : CG\JU  
Sample : 04582-01 2X  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EO-02-092223

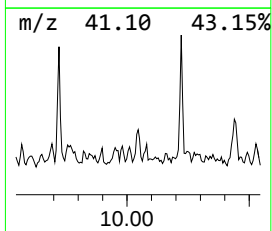
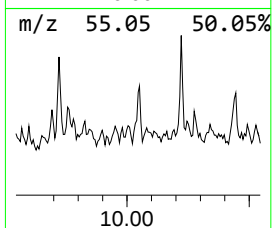
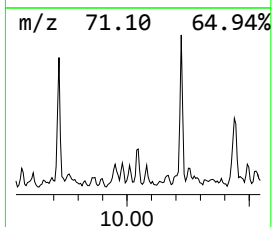
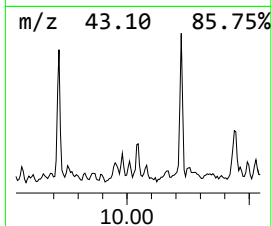
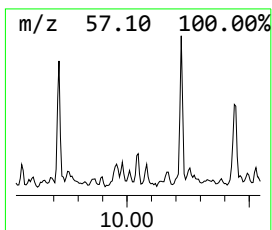
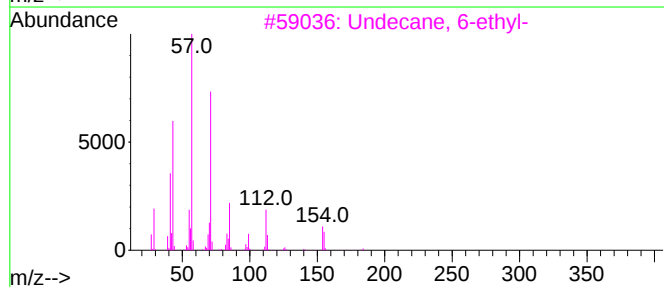
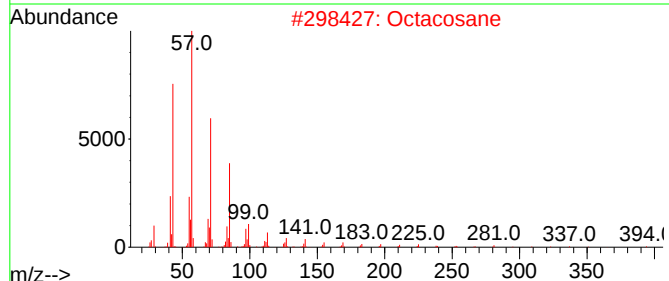
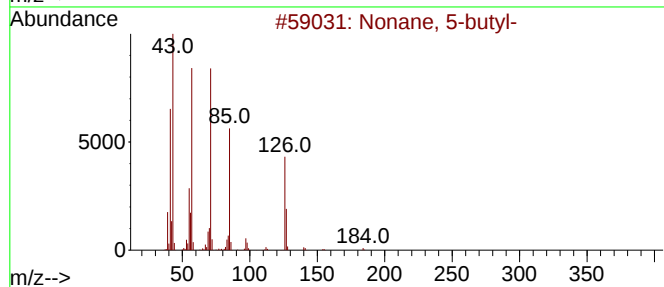
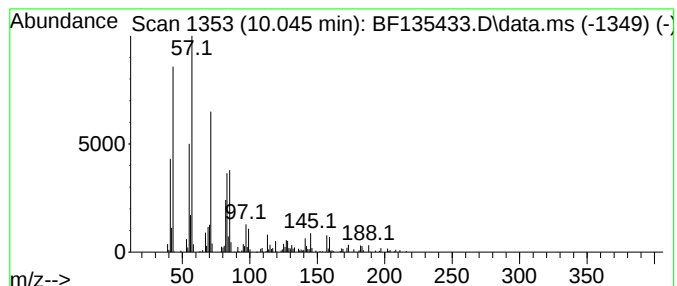
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 6 Nonane, 5-butyl- Concentration Rank 15

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.  |
|--------|---------|--------|------------------|-------|
| 10.045 | 3.39 ng | 152096 | Acenaphthene-d10 | 9.786 |

| Hit# | of 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|------|-------------------------------------|-----|-----------|--------------|------|
| 1    |      | Nonane, 5-butyl-                    | 184 | C13H28    | 017312-63-9  | 64   |
| 2    |      | Octacosane                          | 394 | C28H58    | 000630-02-4  | 62   |
| 3    |      | Undecane, 6-ethyl-                  | 184 | C13H28    | 017312-60-6  | 60   |
| 4    |      | Sulfurous acid, 2-propyl tridecy... | 306 | C16H34O3S | 1000309-12-4 | 58   |
| 5    |      | Tetratetracontane                   | 619 | C44H90    | 007098-22-8  | 58   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF092523\  
Data File : BF135433.D  
Acq On : 25 Sep 2023 18:22  
Operator : CG\JU  
Sample : 04582-01 2X  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EO-02-092223

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091123.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

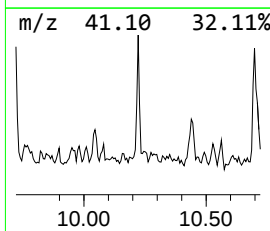
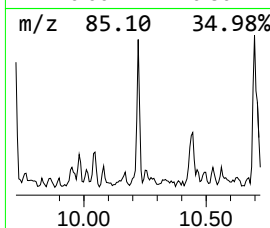
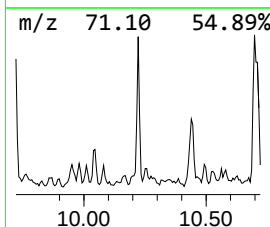
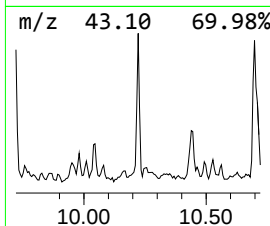
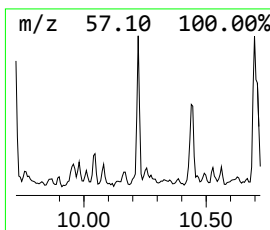
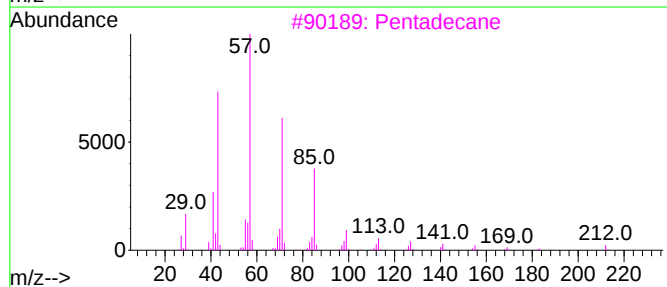
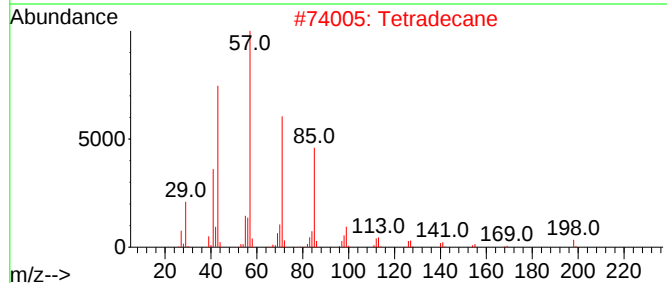
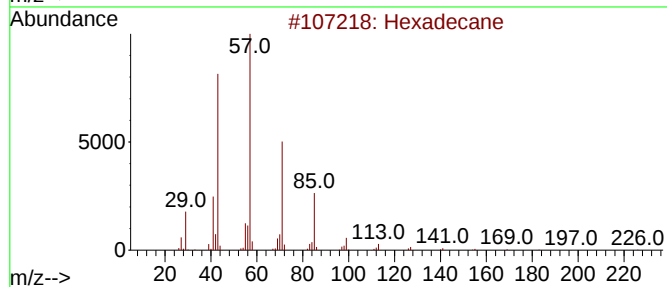
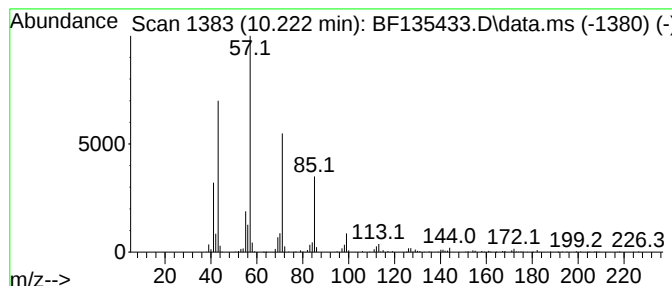
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TIC Integration Parameters: LSCINT.P

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Peak Number 7 Sulfurous acid, 2-ethylhexy... Concentration Rank 4

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.  |
|--------|---------|--------|------------------|-------|
| 10.222 | 7.24 ng | 325081 | Acenaphthene-d10 | 9.786 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | Hexadecane                          | 226 | C16H34    | 000544-76-3  | 96   |
| 2    |    |   | Tetradecane                         | 198 | C14H30    | 000629-59-4  | 86   |
| 3    |    |   | Pentadecane                         | 212 | C15H32    | 000629-62-9  | 86   |
| 4    |    |   | Sulfurous acid, 2-ethylhexyl hex... | 278 | C14H30O3S | 1000309-20-2 | 80   |
| 5    |    |   | Heptadecane                         | 240 | C17H36    | 000629-78-7  | 78   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF092523\  
Data File : BF135433.D  
Acq On : 25 Sep 2023 18:22  
Operator : CG\JU  
Sample : 04582-01 2X  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EO-02-092223

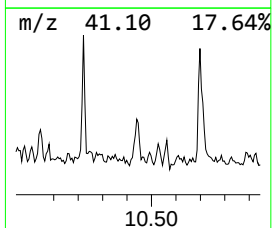
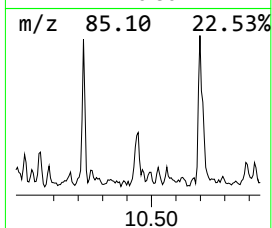
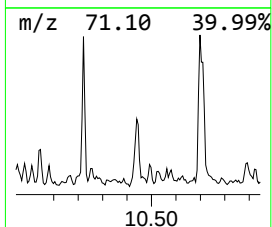
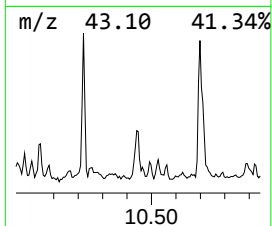
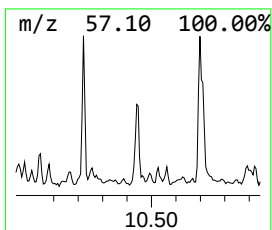
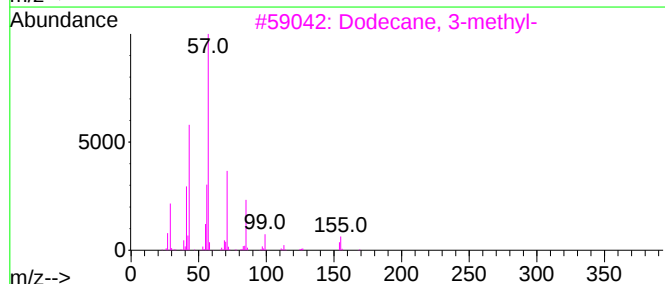
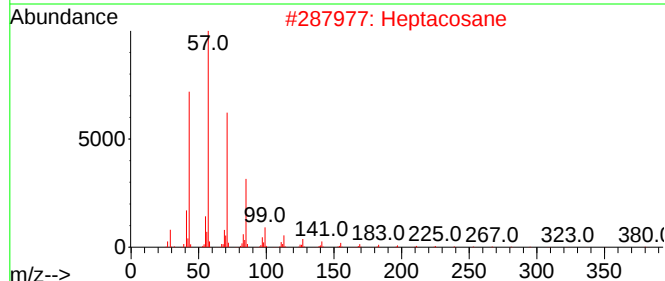
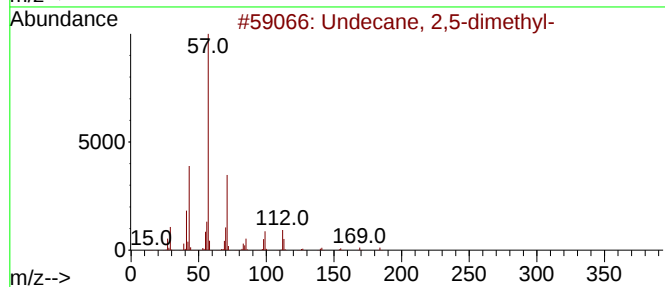
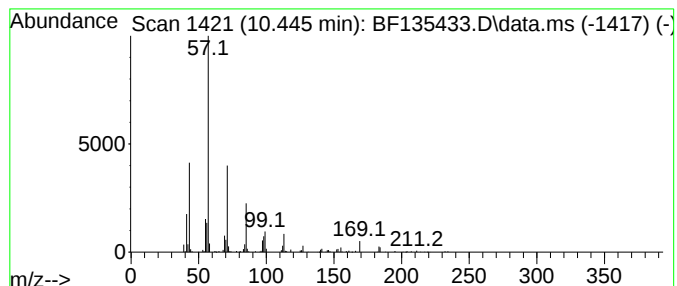
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 8 Undecane, 2,5-dimethyl- Concentration Rank 12

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.  |
|--------|---------|--------|------------------|-------|
| 10.445 | 4.97 ng | 223388 | Acenaphthene-d10 | 9.786 |

| Hit# | of | 5 | Tentative ID            | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------|-----|---------|-------------|------|
| 1    |    |   | Undecane, 2,5-dimethyl- | 184 | C13H28  | 017301-22-3 | 81   |
| 2    |    |   | Heptacosane             | 380 | C27H56  | 000593-49-7 | 72   |
| 3    |    |   | Dodecane, 3-methyl-     | 184 | C13H28  | 017312-57-1 | 72   |
| 4    |    |   | Tridecane               | 184 | C13H28  | 000629-50-5 | 72   |
| 5    |    |   | Tetradecane, 3-methyl-  | 212 | C15H32  | 018435-22-8 | 64   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF092523\  
Data File : BF135433.D  
Acq On : 25 Sep 2023 18:22  
Operator : CG\JU  
Sample : 04582-01 2X  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EO-02-092223

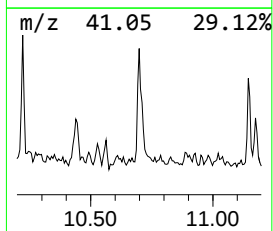
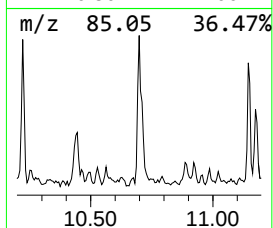
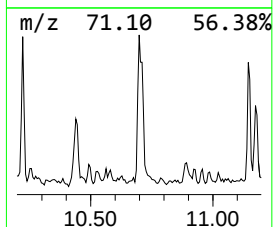
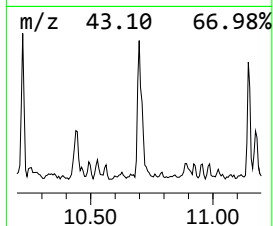
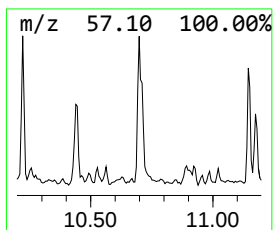
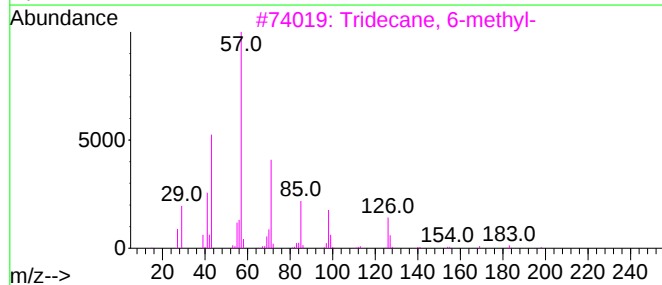
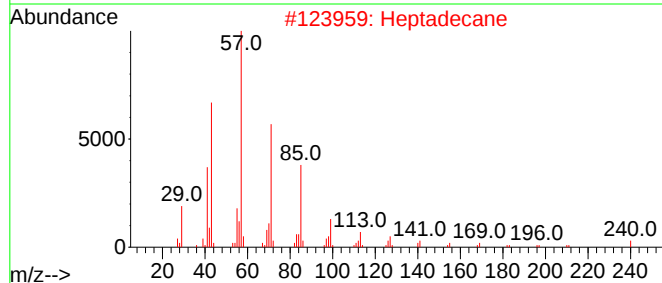
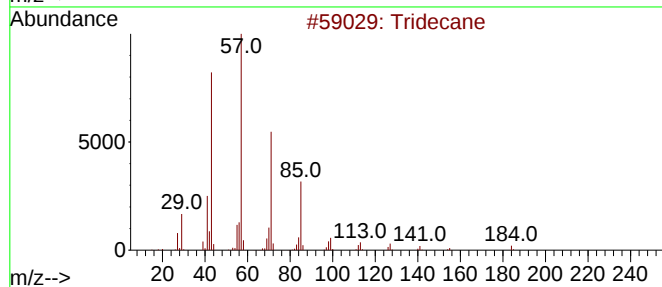
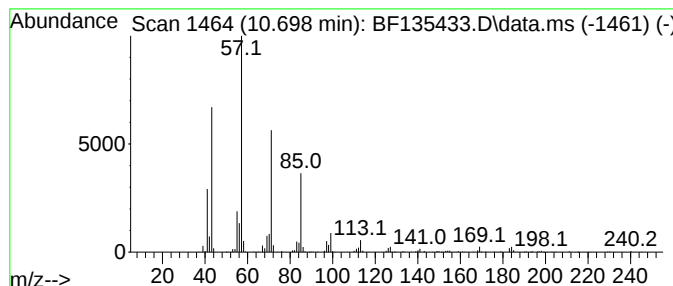
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 9 Tridecane Concentration Rank 2

| R.T.   | EstConc  | Area   | Relative to ISTD | R.T.   |
|--------|----------|--------|------------------|--------|
| 10.698 | 14.08 ng | 520223 | Phenanthrene-d10 | 11.281 |

| Hit# | of | 5 | Tentative ID         | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------|-----|---------|-------------|------|
| 1    |    |   | Tridecane            | 184 | C13H28  | 000629-50-5 | 94   |
| 2    |    |   | Heptadecane          | 240 | C17H36  | 000629-78-7 | 91   |
| 3    |    |   | Tridecane, 6-methyl- | 198 | C14H30  | 013287-21-3 | 90   |
| 4    |    |   | Heneicosane          | 296 | C21H44  | 000629-94-7 | 90   |
| 5    |    |   | Hexadecane           | 226 | C16H34  | 000544-76-3 | 86   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF092523\  
Data File : BF135433.D  
Acq On : 25 Sep 2023 18:22  
Operator : CG\JU  
Sample : 04582-01 2X  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EO-02-092223

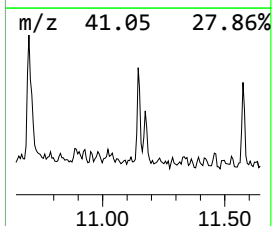
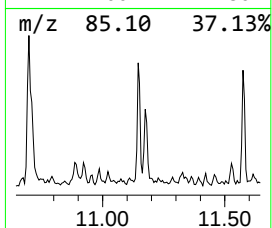
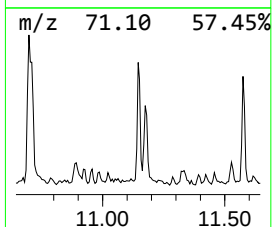
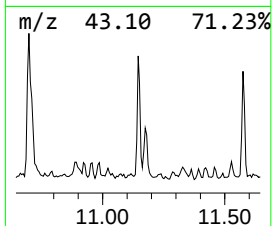
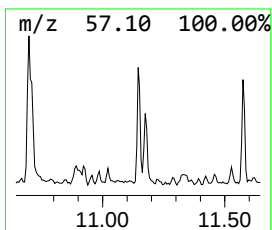
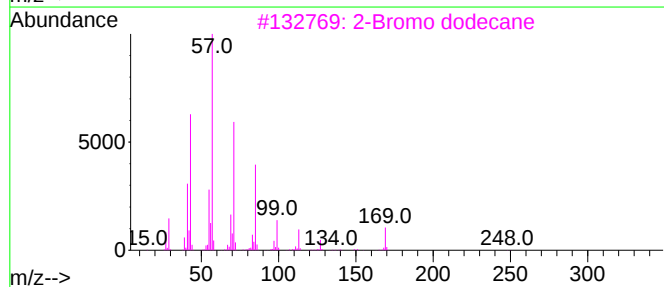
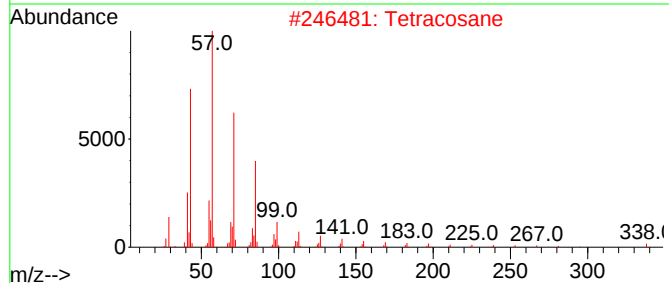
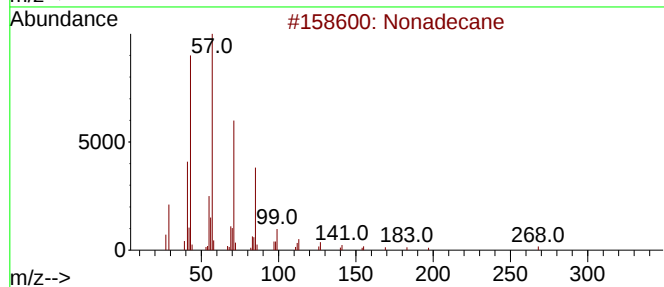
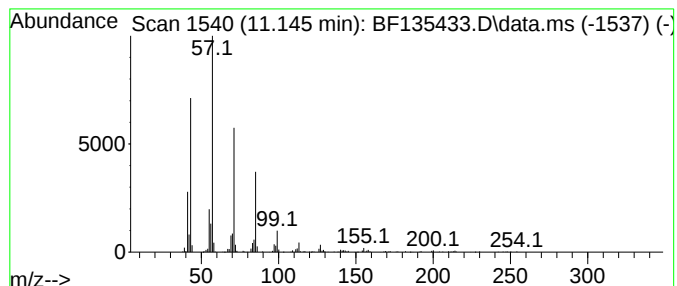
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 10 Nonadecane Concentration Rank 5

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 11.145 | 7.03 ng | 259680 | Phenanthrene-d10 | 11.281 |

| Hit# | of 5 | Tentative ID     | MW  | MolForm  | CAS#        | Qual |
|------|------|------------------|-----|----------|-------------|------|
| 1    |      | Nonadecane       | 268 | C19H40   | 000629-92-5 | 91   |
| 2    |      | Tetracosane      | 338 | C24H50   | 000646-31-1 | 90   |
| 3    |      | 2-Bromo dodecane | 248 | C12H25Br | 013187-99-0 | 86   |
| 4    |      | Hexadecane       | 226 | C16H34   | 000544-76-3 | 86   |
| 5    |      | Tetradecane      | 198 | C14H30   | 000629-59-4 | 86   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF092523\  
Data File : BF135433.D  
Acq On : 25 Sep 2023 18:22  
Operator : CG\JU  
Sample : 04582-01 2X  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EO-02-092223

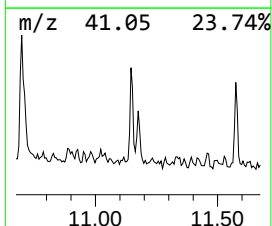
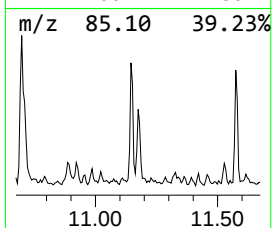
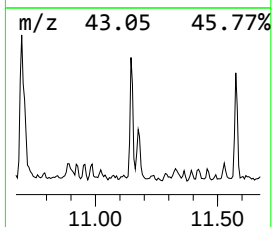
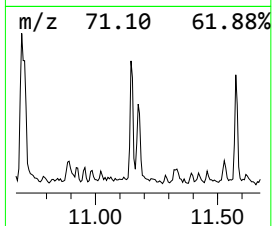
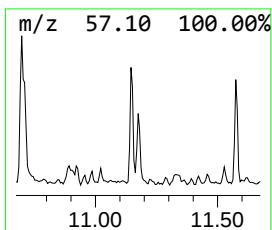
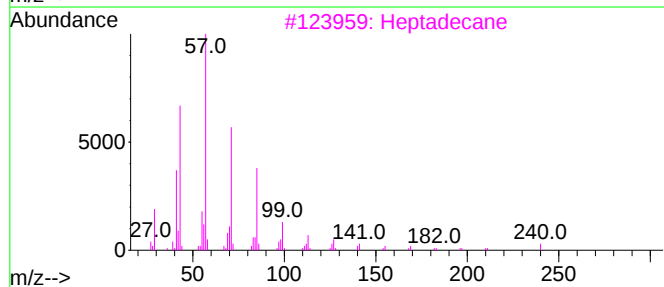
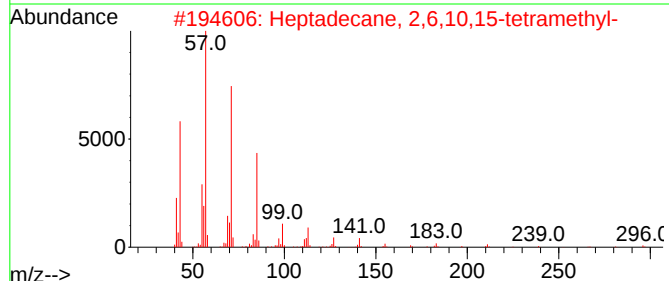
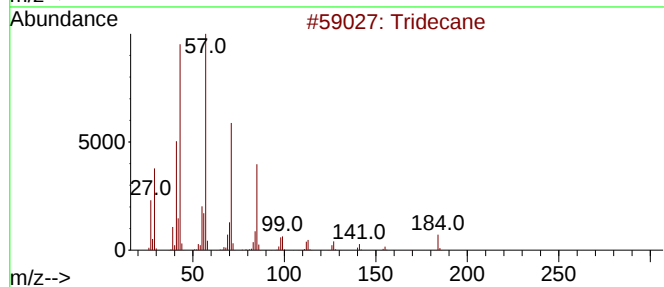
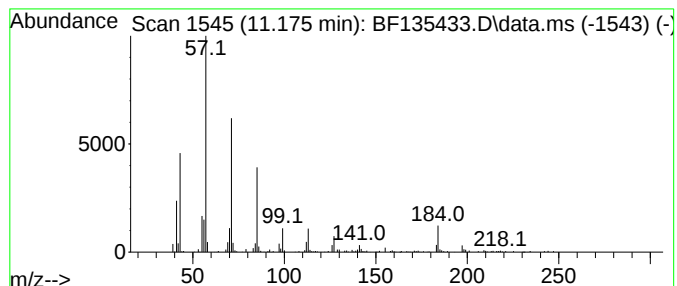
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 11 Heptadecane, 2,6,10,15-tetr... Concentration Rank 8

| R.T.      | EstConc                             | Area   | Relative to ISTD |         | R.T.        |      |
|-----------|-------------------------------------|--------|------------------|---------|-------------|------|
| 11.175    | 5.78 ng                             | 213366 | Phenanthrene-d10 |         | 11.281      |      |
| Hit# of 5 | Tentative ID                        |        | MW               | MolForm | CAS#        | Qual |
| 1         | Tridecane                           |        | 184              | C13H28  | 000629-50-5 | 90   |
| 2         | Heptadecane, 2,6,10,15-tetramethyl- |        | 296              | C21H44  | 054833-48-6 | 87   |
| 3         | Heptadecane                         |        | 240              | C17H36  | 000629-78-7 | 86   |
| 4         | Tritetracontane                     |        | 605              | C43H88  | 007098-21-7 | 78   |
| 5         | Hexacosane                          |        | 366              | C26H54  | 000630-01-3 | 78   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF092523\  
Data File : BF135433.D  
Acq On : 25 Sep 2023 18:22  
Operator : CG\JU  
Sample : 04582-01 2X  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EO-02-092223

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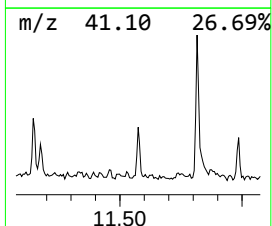
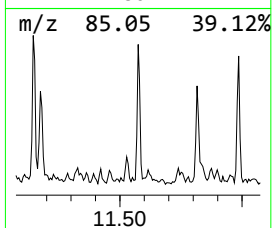
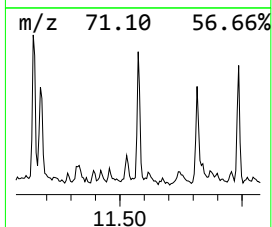
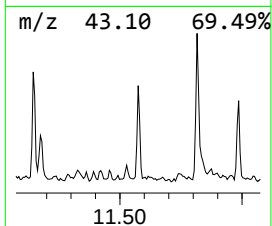
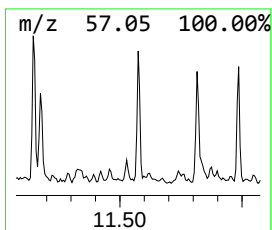
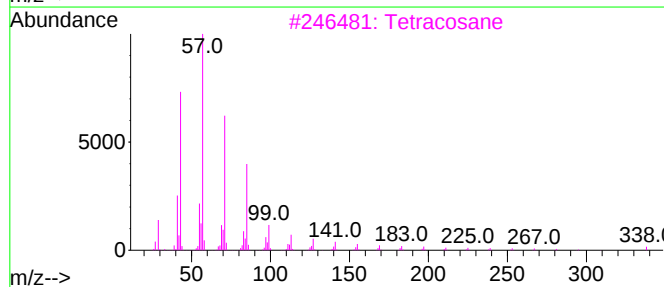
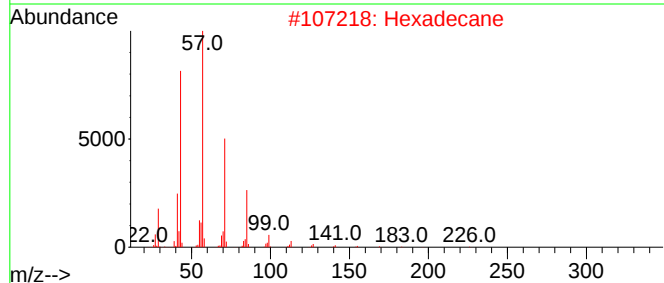
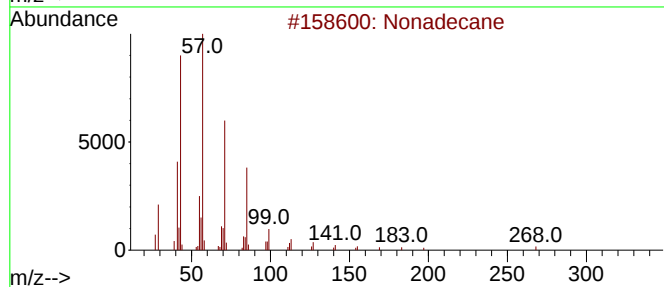
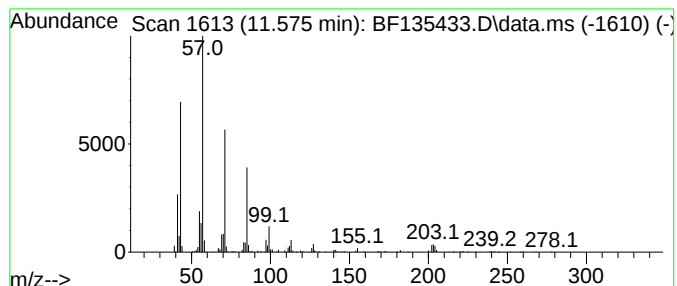
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TIC Integration Parameters: LSCINT.P

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Peak Number 12 Tetracosane Concentration Rank 7

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 11.575 | 5.98 ng | 220831 | Phenanthrene-d10 | 11.281 |

| Hit# | of 5 | Tentative ID                 | MW  | MolForm | CAS#        | Qual |
|------|------|------------------------------|-----|---------|-------------|------|
| 1    |      | Nonadecane                   | 268 | C19H40  | 000629-92-5 | 91   |
| 2    |      | Hexadecane                   | 226 | C16H34  | 000544-76-3 | 90   |
| 3    |      | Tetracosane                  | 338 | C24H50  | 000646-31-1 | 90   |
| 4    |      | Pentadecane                  | 212 | C15H32  | 000629-62-9 | 86   |
| 5    |      | Dodecane, 2-methyl-6-propyl- | 226 | C16H34  | 055045-08-4 | 86   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF092523\  
Data File : BF135433.D  
Acq On : 25 Sep 2023 18:22  
Operator : CG\JU  
Sample : 04582-01 2X  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EO-02-092223

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

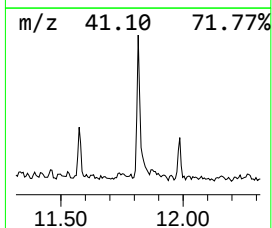
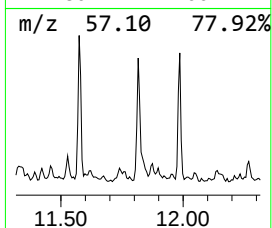
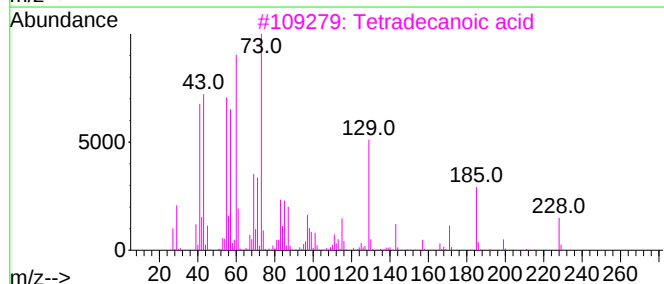
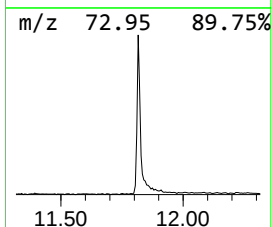
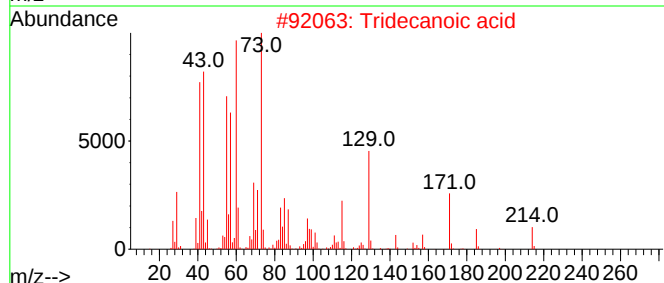
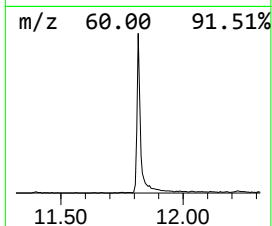
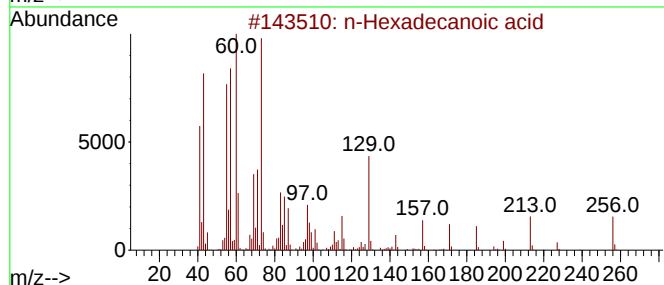
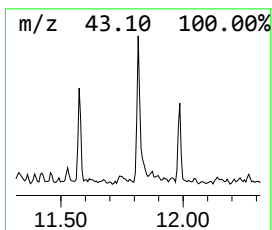
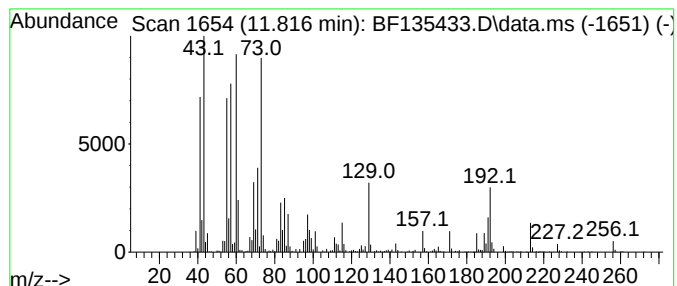
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TIC Integration Parameters: LSCINT.P

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Peak Number 13 n-Hexadecanoic acid Concentration Rank 1

| R.T.   | EstConc  | Area   | Relative to ISTD | R.T.   |
|--------|----------|--------|------------------|--------|
| 11.816 | 21.94 ng | 810412 | Phenanthrene-d10 | 11.281 |

| Hit# | of 5 | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|------|------|---------------------|-----|----------|-------------|------|
| 1    |      | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 98   |
| 2    |      | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 86   |
| 3    |      | Tetradecanoic acid  | 228 | C14H28O2 | 000544-63-8 | 74   |
| 4    |      | Pentadecanoic acid  | 242 | C15H30O2 | 001002-84-2 | 74   |
| 5    |      | n-Decanoic acid     | 172 | C10H20O2 | 000334-48-5 | 64   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF092523\  
Data File : BF135433.D  
Acq On : 25 Sep 2023 18:22  
Operator : CG\JU  
Sample : 04582-01 2X  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EO-02-092223

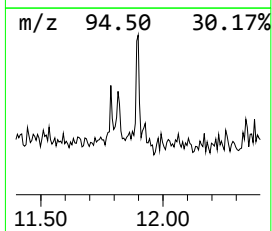
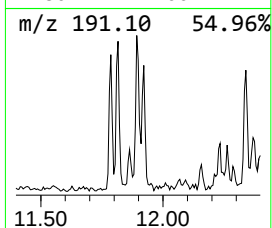
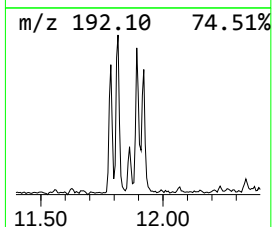
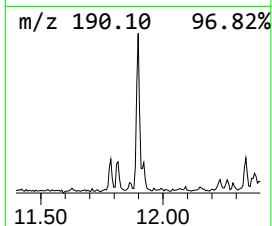
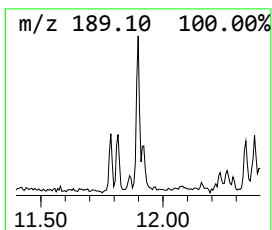
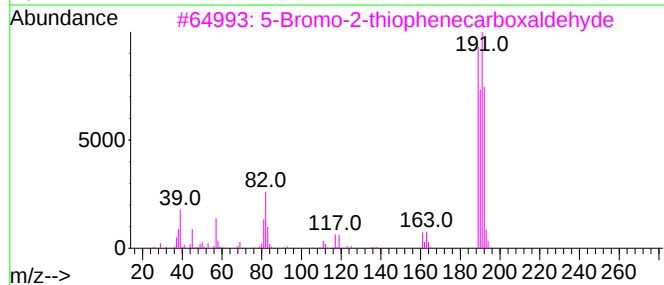
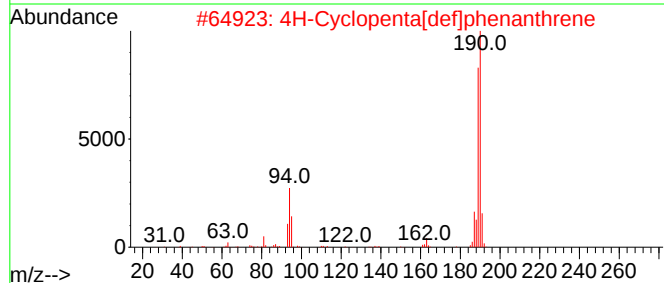
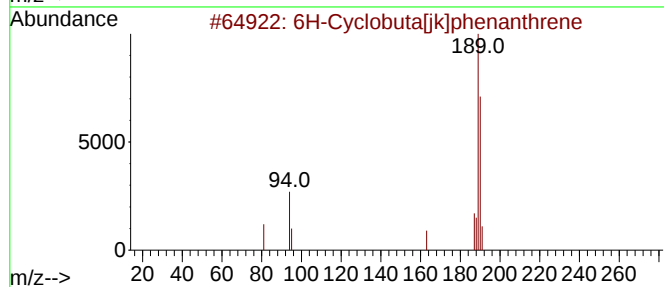
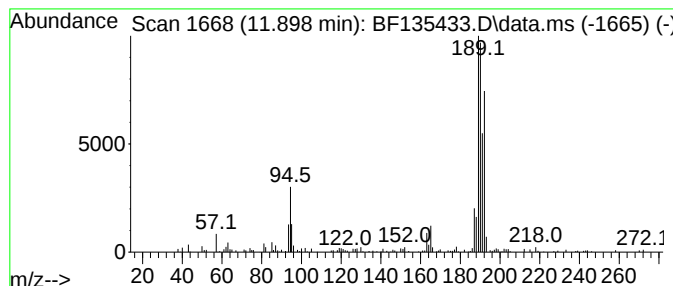
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 14 6H-Cyclobuta[jk]phenanthrene Concentration Rank 14

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 11.898 | 4.03 ng | 148727 | Phenanthrene-d10 | 11.281 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|-----------|-------------|------|
| 1    |    |   | 6H-Cyclobuta[jk]phenanthrene        | 190 | C15H10    | 083469-43-6 | 58   |
| 2    |    |   | 4H-Cyclopenta[def]phenanthrene      | 190 | C15H10    | 000203-64-5 | 52   |
| 3    |    |   | 5-Bromo-2-thiophenecarboxaldehyde   | 190 | C5H3BrOS  | 004701-17-1 | 50   |
| 4    |    |   | 4,6-Dichloro-2-ethylpyrimidin-5-... | 191 | C6H7Cl2N3 | 006237-96-3 | 47   |
| 5    |    |   | Phenanthrene, 1-methyl-             | 192 | C15H12    | 000832-69-9 | 38   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF092523\  
Data File : BF135433.D  
Acq On : 25 Sep 2023 18:22  
Operator : CG\JU  
Sample : 04582-01 2X  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EO-02-092223

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091123.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

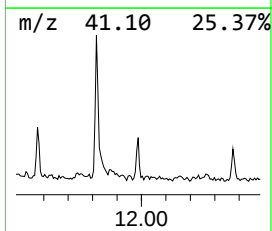
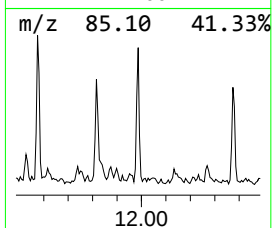
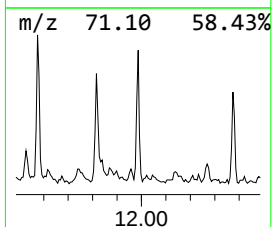
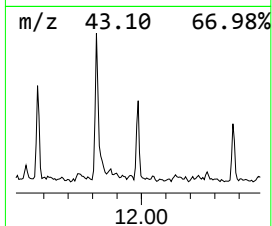
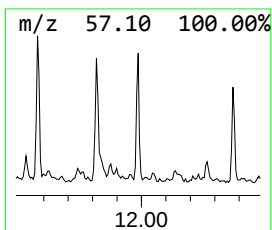
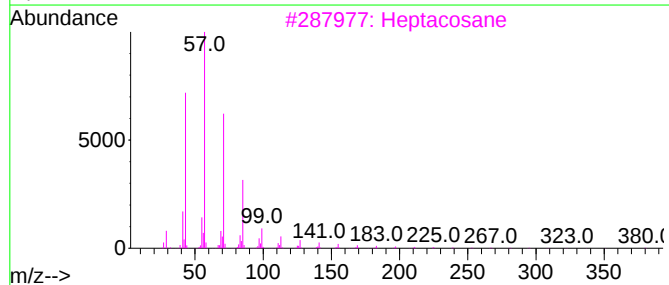
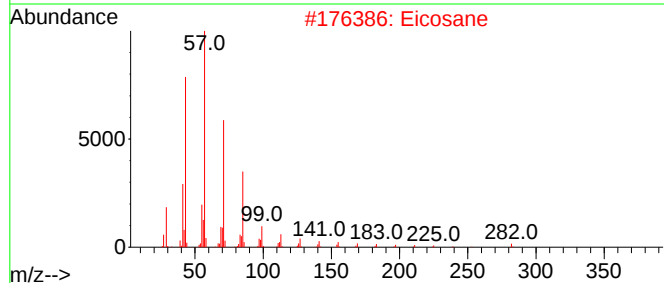
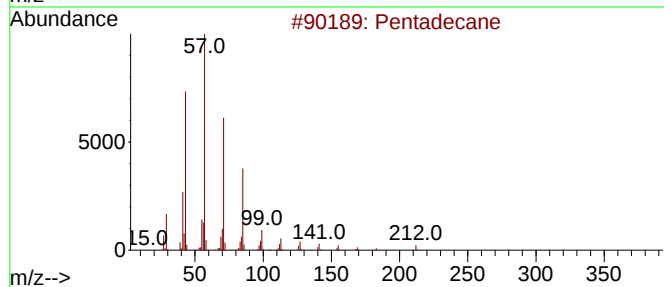
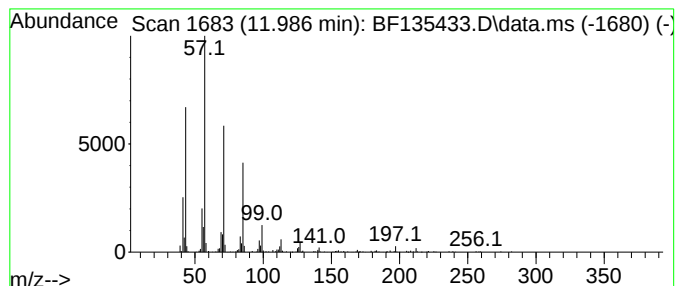
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TIC Integration Parameters: LSCINT.P

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Peak Number 15 Pentadecane Concentration Rank 11

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 11.986 | 5.17 ng | 190956 | Phenanthrene-d10 | 11.281 |

| Hit# | of | 5 | Tentative ID         | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------|-----|---------|-------------|------|
| 1    |    |   | Pentadecane          | 212 | C15H32  | 000629-62-9 | 94   |
| 2    |    |   | Eicosane             | 282 | C20H42  | 000112-95-8 | 90   |
| 3    |    |   | Heptacosane          | 380 | C27H56  | 000593-49-7 | 90   |
| 4    |    |   | Hexadecane, 1-iodo-  | 352 | C16H33I | 000544-77-4 | 90   |
| 5    |    |   | Tetradecane, 1-iodo- | 324 | C14H29I | 019218-94-1 | 86   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF092523\  
Data File : BF135433.D  
Acq On : 25 Sep 2023 18:22  
Operator : CG\JU  
Sample : 04582-01 2X  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EO-02-092223

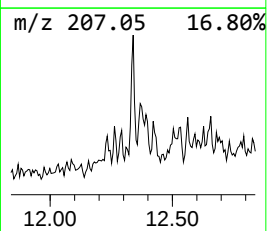
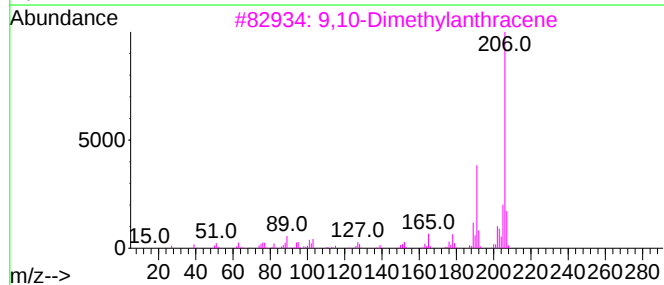
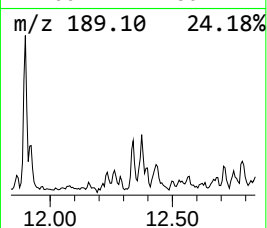
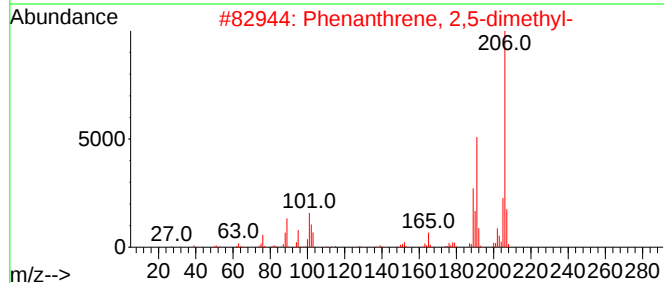
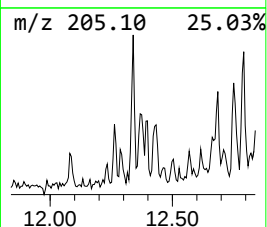
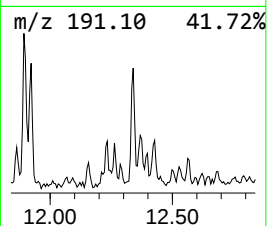
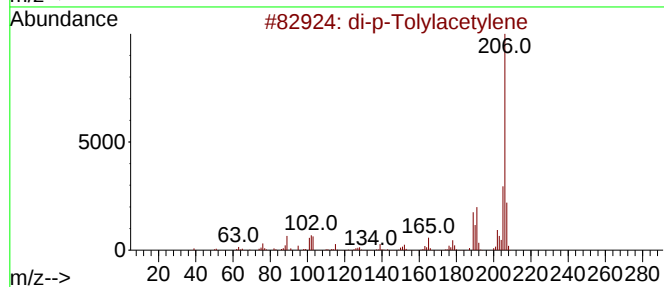
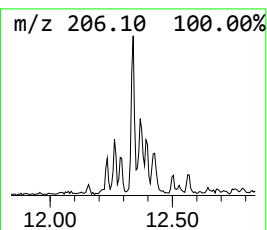
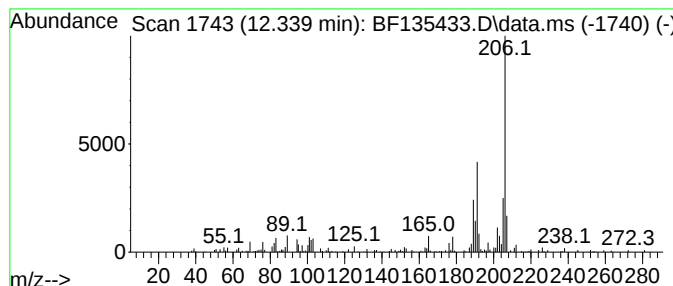
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 16 di-p-Tolylacetylene Concentration Rank 20

| R.T.   | EstConc | Area  | Relative to ISTD | R.T.   |
|--------|---------|-------|------------------|--------|
| 12.339 | 2.55 ng | 94220 | Phenanthrene-d10 | 11.281 |

| Hit# | of | 5 | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------------|-----|---------|-------------|------|
| 1    |    |   | di-p-Tolylacetylene         | 206 | C16H14  | 002789-88-0 | 93   |
| 2    |    |   | Phenanthrene, 2,5-dimethyl- | 206 | C16H14  | 003674-66-6 | 93   |
| 3    |    |   | 9,10-Dimethylanthracene     | 206 | C16H14  | 000781-43-1 | 91   |
| 4    |    |   | Phenanthrene, 1,7-dimethyl- | 206 | C16H14  | 000483-87-4 | 90   |
| 5    |    |   | Anthracene, 1,4-dimethyl-   | 206 | C16H14  | 000781-92-0 | 90   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF092523\  
Data File : BF135433.D  
Acq On : 25 Sep 2023 18:22  
Operator : CG\JU  
Sample : 04582-01 2X  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EO-02-092223

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091123.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

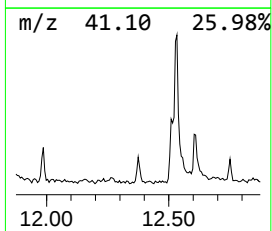
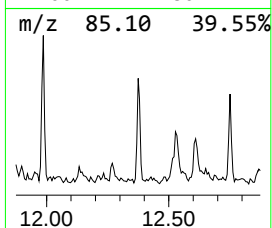
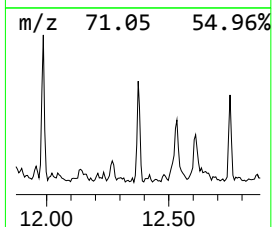
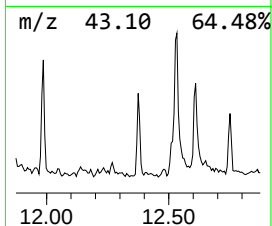
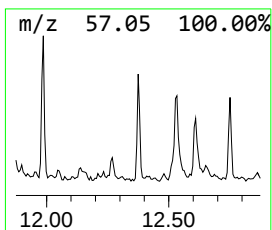
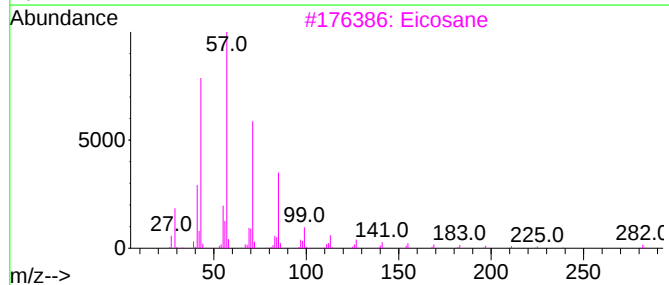
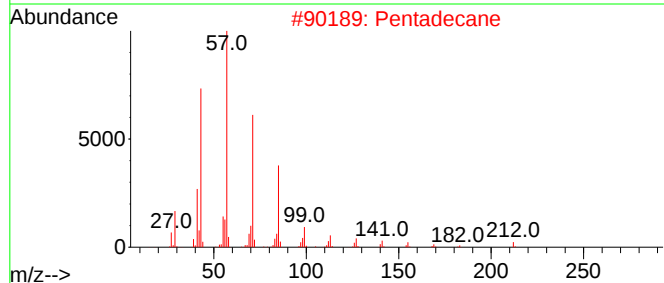
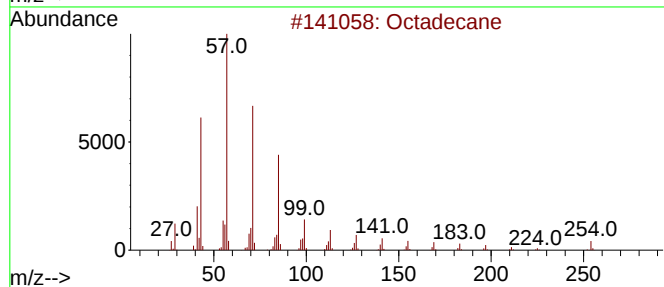
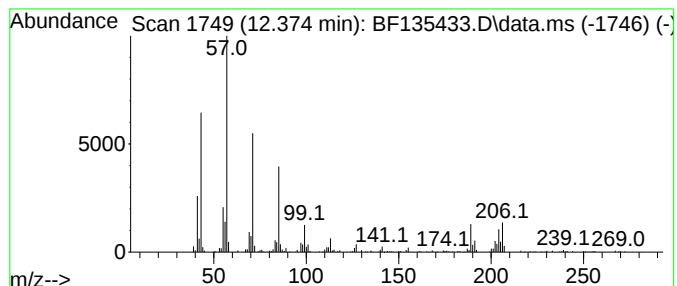
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 17 Octadecane Concentration Rank 6

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 12.374 | 6.21 ng | 229262 | Phenanthrene-d10 | 11.281 |

| Hit# | of 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|------|--------------|-----|---------|-------------|------|
| 1    |      | Octadecane   | 254 | C18H38  | 000593-45-3 | 70   |
| 2    |      | Pentadecane  | 212 | C15H32  | 000629-62-9 | 62   |
| 3    |      | Eicosane     | 282 | C20H42  | 000112-95-8 | 62   |
| 4    |      | Heptacosane  | 380 | C27H56  | 000593-49-7 | 62   |
| 5    |      | Tetracosane  | 338 | C24H50  | 000646-31-1 | 62   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF092523\  
Data File : BF135433.D  
Acq On : 25 Sep 2023 18:22  
Operator : CG\JU  
Sample : 04582-01 2X  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EO-02-092223

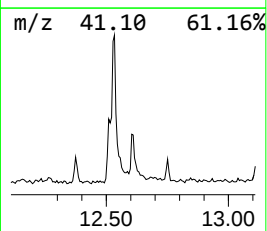
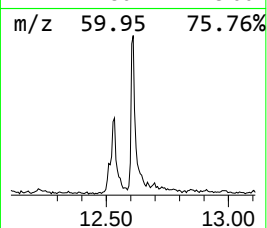
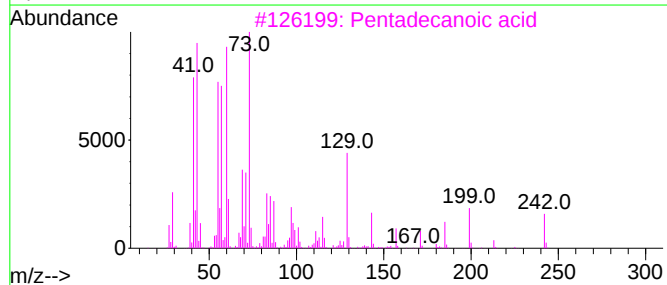
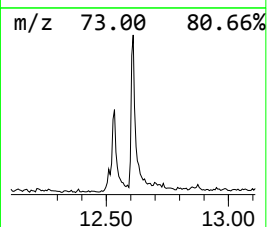
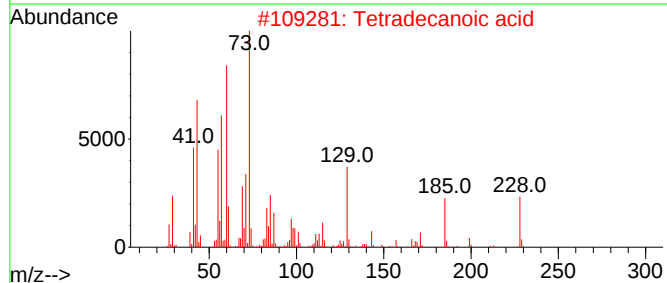
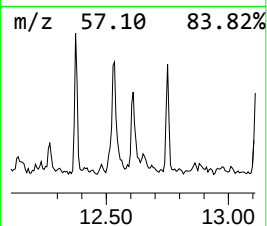
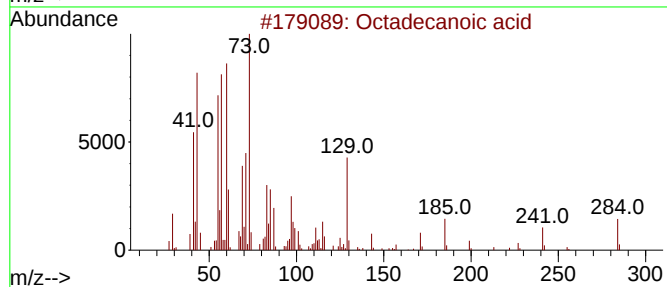
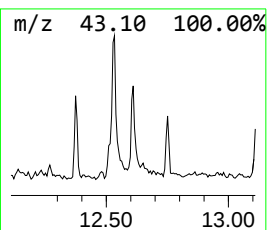
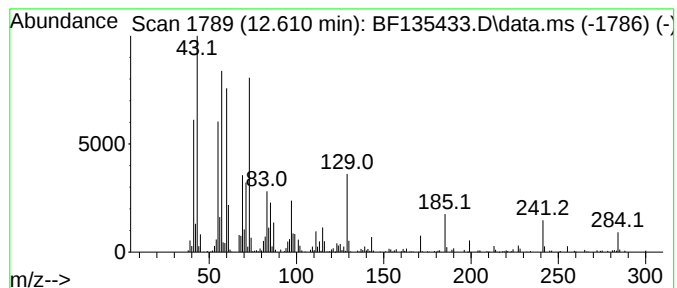
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 18 Octadecanoic acid Concentration Rank 3

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 12.610 | 7.83 ng | 306713 | Chrysene-d12     | 13.939 |

| Hit# | of | 5 | Tentative ID       | MW  | MolForm  | CAS#        | Qual |
|------|----|---|--------------------|-----|----------|-------------|------|
| 1    |    |   | Octadecanoic acid  | 284 | C18H36O2 | 000057-11-4 | 99   |
| 2    |    |   | Tetradecanoic acid | 228 | C14H28O2 | 000544-63-8 | 81   |
| 3    |    |   | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 72   |
| 4    |    |   | Tridecanoic acid   | 214 | C13H26O2 | 000638-53-9 | 58   |
| 5    |    |   | Undecanoic acid    | 186 | C11H22O2 | 000112-37-8 | 58   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF092523\  
Data File : BF135433.D  
Acq On : 25 Sep 2023 18:22  
Operator : CG\JU  
Sample : 04582-01 2X  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

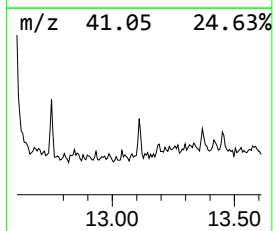
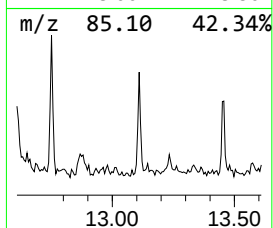
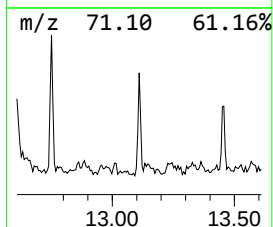
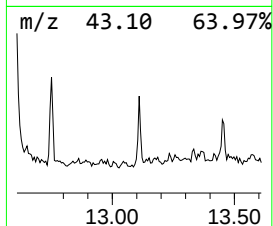
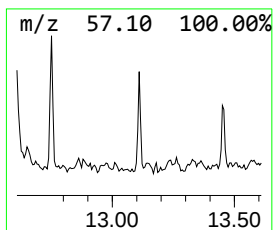
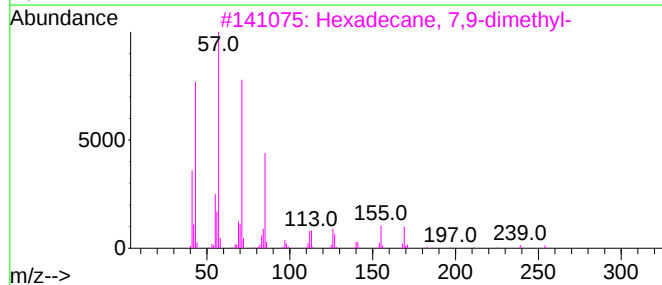
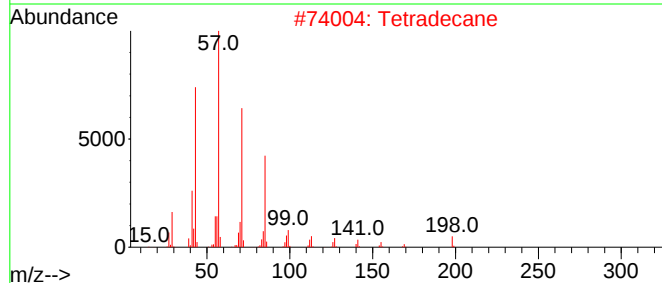
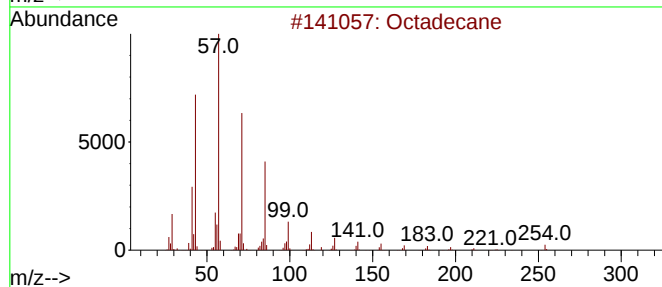
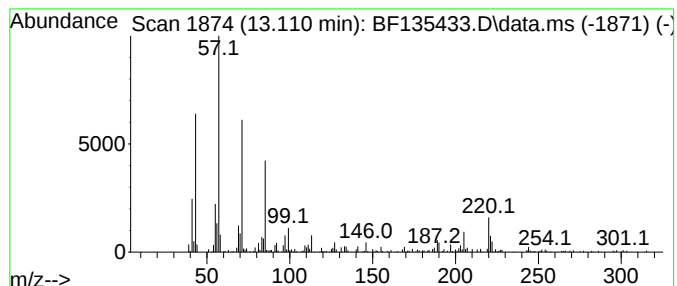
Instrument :  
BNA\_F  
ClientSampleId :  
EO-02-092223

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091123.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 19 Hexadecane, 7,9-dimethyl- Concentration Rank 17

| R.T.      | EstConc                   | Area   | Relative to ISTD | R.T.        |      |
|-----------|---------------------------|--------|------------------|-------------|------|
| 13.110    | 3.04 ng                   | 118926 | Chrysene-d12     | 13.939      |      |
| Hit# of 5 | Tentative ID              | MW     | MolForm          | CAS#        | Qual |
| 1         | Octadecane                | 254    | C18H38           | 000593-45-3 | 89   |
| 2         | Tetradecane               | 198    | C14H30           | 000629-59-4 | 76   |
| 3         | Hexadecane, 7,9-dimethyl- | 254    | C18H38           | 021164-95-4 | 70   |
| 4         | Heptacosane               | 380    | C27H56           | 000593-49-7 | 68   |
| 5         | Eicosane                  | 282    | C20H42           | 000112-95-8 | 68   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF092523\  
Data File : BF135433.D  
Acq On : 25 Sep 2023 18:22  
Operator : CG\JU  
Sample : 04582-01 2X  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EO-02-092223

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091123.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

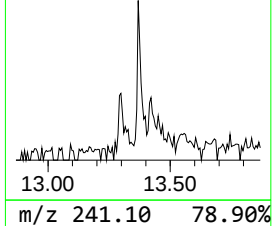
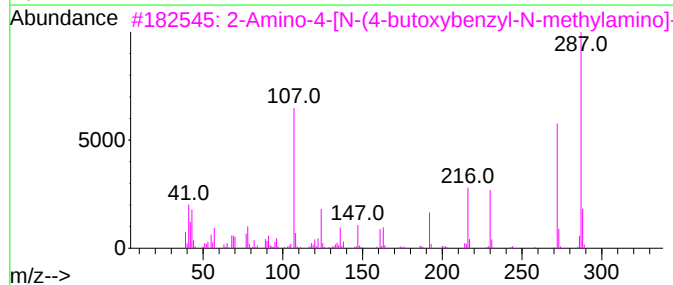
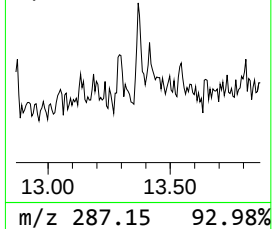
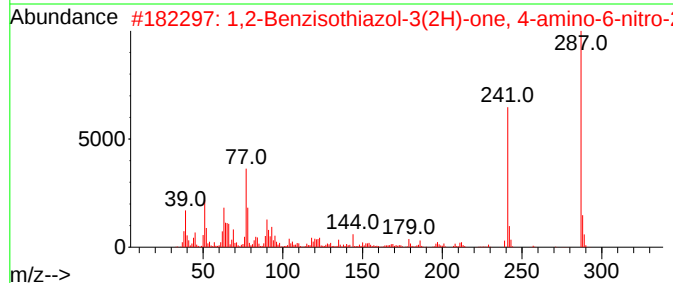
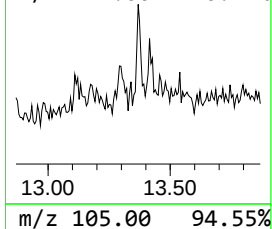
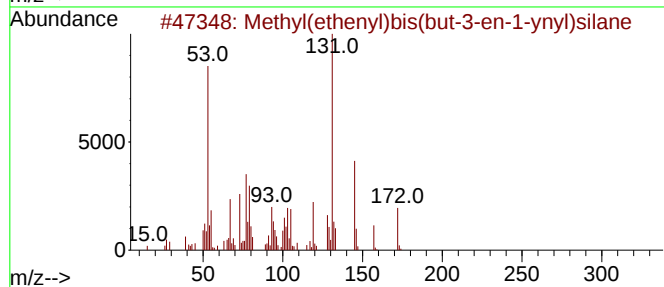
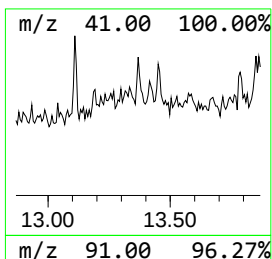
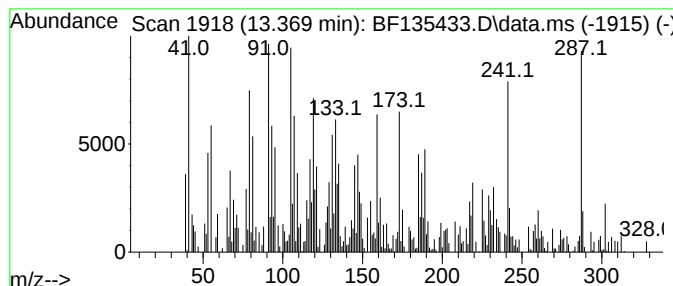
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 20 unknown13.369 Concentration Rank 16

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 13.369 | 3.25 ng | 127273 | Chrysene-d12     | 13.939 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm    | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|------------|--------------|------|
| 1    |    |   | Methyl(ethenyl)bis(but-3-en-1-yn... | 172 | C11H12Si   | 017998-69-5  | 18   |
| 2    |    |   | 1,2-Benzisothiazol-3(2H)-one, 4-... | 287 | C13H9N3O3S | 1000277-42-1 | 18   |
| 3    |    |   | 2-Amino-4-[N-(4-butoxybenzyl-N-m... | 287 | C15H21N5O  | 055384-22-0  | 15   |
| 4    |    |   | 1H-Indole-3-carboxylic acid, 1-c... | 287 | C17H21NO3  | 1000337-19-9 | 15   |
| 5    |    |   | 3,4-Dihydro-3,3-dimethyl-1,9(2H,... | 241 | C15H15NO2  | 1010212-95-2 | 15   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF092523\  
 Data File : BF135433.D  
 Acq On : 25 Sep 2023 18:22  
 Operator : CG\JU  
 Sample : 04582-01 2X  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 EO-02-092223

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091123.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |         |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|---------|------|
|                    |        |         |       |          | #                     | RT     | Resp    | Conc |
| Hexadecane         | 8.622  | 2.6     | ng    | 134286   | 2                     | 8.034  | 1026490 | 20.0 |
| Nonane, 3,7-dim... | 9.051  | 2.6     | ng    | 117648   | 3                     | 9.786  | 898272  | 20.0 |
| Tetradecane        | 9.192  | 5.7     | ng    | 255721   | 3                     | 9.786  | 898272  | 20.0 |
| Carbonic acid, ... | 9.510  | 4.7     | ng    | 211274   | 3                     | 9.786  | 898272  | 20.0 |
| Dodecane, 1-iodo-  | 9.722  | 5.8     | ng    | 258935   | 3                     | 9.786  | 898272  | 20.0 |
| Nonane, 5-butyl-   | 10.045 | 3.4     | ng    | 152096   | 3                     | 9.786  | 898272  | 20.0 |
| Sulfurous acid,... | 10.222 | 7.2     | ng    | 325081   | 3                     | 9.786  | 898272  | 20.0 |
| Undecane, 2,5-d... | 10.445 | 5.0     | ng    | 223388   | 3                     | 9.786  | 898272  | 20.0 |
| Tridecane          | 10.698 | 14.1    | ng    | 520223   | 4                     | 11.281 | 738778  | 20.0 |
| Nonadecane         | 11.145 | 7.0     | ng    | 259680   | 4                     | 11.281 | 738778  | 20.0 |
| Heptadecane, 2,... | 11.175 | 5.8     | ng    | 213366   | 4                     | 11.281 | 738778  | 20.0 |
| Tetracosane        | 11.575 | 6.0     | ng    | 220831   | 4                     | 11.281 | 738778  | 20.0 |
| n-Hexadecanoic ... | 11.816 | 21.9    | ng    | 810412   | 4                     | 11.281 | 738778  | 20.0 |
| 6H-Cyclobuta[jk... | 11.898 | 4.0     | ng    | 148727   | 4                     | 11.281 | 738778  | 20.0 |
| Pentadecane        | 11.986 | 5.2     | ng    | 190956   | 4                     | 11.281 | 738778  | 20.0 |
| di-p-Tolylacety... | 12.339 | 2.5     | ng    | 94220    | 4                     | 11.281 | 738778  | 20.0 |
| Octadecane         | 12.374 | 6.2     | ng    | 229262   | 4                     | 11.281 | 738778  | 20.0 |
| Octadecanoic acid  | 12.610 | 7.8     | ng    | 306713   | 5                     | 13.939 | 783344  | 20.0 |
| Hexadecane, 7,9... | 13.110 | 3.0     | ng    | 118926   | 5                     | 13.939 | 783344  | 20.0 |
| unknown13.369      | 13.369 | 3.3     | ng    | 127273   | 5                     | 13.939 | 783344  | 20.0 |