

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP022824\  
 Data File : BP019923.D  
 Acq On : 28 Feb 2024 18:53  
 Operator : MA/JU  
 Sample : P1611-01 2X  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 TR-05-022724

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\_P\Methods\8270E-BP022624.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP019923.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         | 5.464       | 397           | 404         | 411          | rBV      | 697402         | 1043026       | 36.18%          | 1.693%        |
| 2         | 7.064       | 664           | 676         | 690          | rVB      | 658668         | 1200532       | 41.64%          | 1.948%        |
| 3         | 7.499       | 745           | 750         | 753          | rBV      | 153222         | 228251        | 7.92%           | 0.370%        |
| 4         | 7.893       | 812           | 817         | 830          | rVB      | 475207         | 858965        | 29.79%          | 1.394%        |
| 5         | 7.999       | 830           | 835         | 842          | rBV3     | 56192          | 118158        | 4.10%           | 0.192%        |
| 6         | 8.405       | 895           | 904         | 905          | rBV5     | 76444          | 167101        | 5.80%           | 0.271%        |
| 7         | 8.428       | 905           | 908         | 912          | rVV      | 107423         | 178494        | 6.19%           | 0.290%        |
| 8         | 8.528       | 919           | 925         | 931          | rBV3     | 185117         | 364774        | 12.65%          | 0.592%        |
| 9         | 8.640       | 939           | 944         | 948          | rBV      | 96717          | 159447        | 5.53%           | 0.259%        |
| 10        | 8.699       | 948           | 954         | 960          | rVB3     | 51395          | 111716        | 3.88%           | 0.181%        |
| 11        | 8.834       | 972           | 977         | 982          | rBV      | 69302          | 134688        | 4.67%           | 0.219%        |
| 12        | 8.887       | 982           | 986         | 992          | rVB      | 74991          | 129547        | 4.49%           | 0.210%        |
| 13        | 8.993       | 998           | 1004        | 1010         | rVV      | 167304         | 320952        | 11.13%          | 0.521%        |
| 14        | 9.063       | 1010          | 1016        | 1020         | rVV      | 482643         | 879475        | 30.51%          | 1.427%        |
| 15        | 9.111       | 1020          | 1024        | 1033         | rVB      | 524455         | 833449        | 28.91%          | 1.352%        |
| 16        | 9.240       | 1040          | 1046        | 1051         | rVB4     | 123061         | 267155        | 9.27%           | 0.434%        |
| 17        | 9.328       | 1051          | 1061        | 1069         | rBV6     | 80794          | 293191        | 10.17%          | 0.476%        |
| 18        | 9.516       | 1089          | 1093        | 1098         | rBV3     | 109488         | 178870        | 6.20%           | 0.290%        |
| 19        | 9.593       | 1098          | 1106        | 1112         | rVV3     | 167216         | 460208        | 15.96%          | 0.747%        |
| 20        | 9.769       | 1128          | 1136        | 1138         | rBV3     | 70508          | 138055        | 4.79%           | 0.224%        |
| 21        | 9.811       | 1139          | 1143        | 1147         | rVB3     | 72028          | 123272        | 4.28%           | 0.200%        |
| 22        | 9.940       | 1160          | 1165        | 1167         | rBV      | 148214         | 248882        | 8.63%           | 0.404%        |
| 23        | 10.034      | 1175          | 1181        | 1185         | rBV3     | 155298         | 330670        | 11.47%          | 0.537%        |
| 24        | 10.087      | 1185          | 1190        | 1198         | rVV4     | 182469         | 518081        | 17.97%          | 0.841%        |
| 25        | 10.210      | 1206          | 1211        | 1215         | rBV2     | 115508         | 170283        | 5.91%           | 0.276%        |
| 26        | 10.269      | 1215          | 1221        | 1225         | rVV4     | 108811         | 219808        | 7.62%           | 0.357%        |
| 27        | 10.322      | 1225          | 1230        | 1235         | rVB      | 198454         | 341740        | 11.85%          | 0.555%        |
| 28        | 10.387      | 1235          | 1241        | 1248         | rVB3     | 95398          | 191302        | 6.64%           | 0.310%        |
| 29        | 10.463      | 1248          | 1254        | 1260         | rBV4     | 96679          | 190712        | 6.62%           | 0.309%        |
| 30        | 10.605      | 1270          | 1278        | 1280         | rVV5     | 101007         | 291273        | 10.10%          | 0.473%        |
| 31        | 10.663      | 1281          | 1288        | 1291         | rVV2     | 972821         | 1977331       | 68.59%          | 3.209%        |
| 32        | 10.693      | 1291          | 1293        | 1298         | rVV      | 636035         | 933192        | 32.37%          | 1.514%        |
| 33        | 10.746      | 1298          | 1302        | 1307         | rVV6     | 149411         | 366601        | 12.72%          | 0.595%        |
| 34        | 10.805      | 1307          | 1312        | 1315         | rVV3     | 198917         | 384649        | 13.34%          | 0.624%        |
| 35        | 10.846      | 1315          | 1319        | 1324         | rVV      | 306149         | 479467        | 16.63%          | 0.778%        |
| 36        | 10.910      | 1325          | 1330        | 1337         | rVV5     | 140772         | 288315        | 10.00%          | 0.468%        |

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 Sample : P1611-01 2X  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 TR-05-022724

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\_P\Methods\8270E-BP022624.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|    |        |      |      |      |      |         |         |         |        |
|----|--------|------|------|------|------|---------|---------|---------|--------|
| 37 | 11.163 | 1368 | 1373 | 1379 | rVB2 | 218526  | 416860  | 14.46%  | 0.676% |
| 38 | 11.352 | 1400 | 1405 | 1408 | rBV2 | 150670  | 279264  | 9.69%   | 0.453% |
| 39 | 11.452 | 1419 | 1422 | 1428 | rVB3 | 102883  | 191636  | 6.65%   | 0.311% |
| 40 | 11.534 | 1430 | 1436 | 1442 | rVB5 | 218736  | 451058  | 15.65%  | 0.732% |
| 41 | 11.605 | 1442 | 1448 | 1455 | rBV2 | 340129  | 626178  | 21.72%  | 1.016% |
| 42 | 11.669 | 1455 | 1459 | 1462 | rBV3 | 88343   | 134604  | 4.67%   | 0.218% |
| 43 | 11.710 | 1462 | 1466 | 1470 | rBV  | 342276  | 505325  | 17.53%  | 0.820% |
| 44 | 11.799 | 1477 | 1481 | 1486 | rVB2 | 126806  | 206772  | 7.17%   | 0.336% |
| 45 | 11.887 | 1490 | 1496 | 1503 | rVB2 | 423867  | 756059  | 26.23%  | 1.227% |
| 46 | 11.957 | 1504 | 1508 | 1514 | rBV6 | 69841   | 131006  | 4.54%   | 0.213% |
| 47 | 12.116 | 1524 | 1535 | 1540 | rBV  | 1137520 | 2021835 | 70.13%  | 3.281% |
| 48 | 12.246 | 1553 | 1557 | 1562 | rVB3 | 234856  | 375271  | 13.02%  | 0.609% |
| 49 | 12.328 | 1566 | 1571 | 1582 | rVB5 | 165199  | 435523  | 15.11%  | 0.707% |
| 50 | 12.557 | 1606 | 1610 | 1613 | rBV5 | 84268   | 159517  | 5.53%   | 0.259% |
| 51 | 12.610 | 1614 | 1619 | 1623 | rVV  | 388557  | 643858  | 22.33%  | 1.045% |
| 52 | 12.746 | 1636 | 1642 | 1646 | rBV4 | 186052  | 341400  | 11.84%  | 0.554% |
| 53 | 12.793 | 1646 | 1650 | 1657 | rVB3 | 167306  | 344712  | 11.96%  | 0.559% |
| 54 | 12.857 | 1657 | 1661 | 1668 | rBV5 | 186490  | 396861  | 13.77%  | 0.644% |
| 55 | 12.922 | 1669 | 1672 | 1678 | rVB3 | 213508  | 332823  | 11.54%  | 0.540% |
| 56 | 13.016 | 1683 | 1688 | 1692 | rBV3 | 271882  | 476400  | 16.52%  | 0.773% |
| 57 | 13.069 | 1692 | 1697 | 1703 | rVV2 | 407938  | 722017  | 25.04%  | 1.172% |
| 58 | 13.157 | 1707 | 1712 | 1720 | rVV  | 913488  | 1389845 | 48.21%  | 2.255% |
| 59 | 13.357 | 1741 | 1746 | 1753 | rVB  | 1319418 | 2042485 | 70.85%  | 3.314% |
| 60 | 13.481 | 1758 | 1767 | 1771 | rVB2 | 255453  | 582198  | 20.19%  | 0.945% |
| 61 | 13.522 | 1771 | 1774 | 1779 | rVB3 | 162786  | 224508  | 7.79%   | 0.364% |
| 62 | 13.810 | 1819 | 1823 | 1827 | rBV6 | 105198  | 216559  | 7.51%   | 0.351% |
| 63 | 14.016 | 1850 | 1858 | 1861 | rBV3 | 466124  | 907554  | 31.48%  | 1.473% |
| 64 | 14.057 | 1861 | 1865 | 1871 | rVB3 | 336896  | 502082  | 17.42%  | 0.815% |
| 65 | 14.187 | 1883 | 1887 | 1891 | rBV6 | 79196   | 145974  | 5.06%   | 0.237% |
| 66 | 14.440 | 1924 | 1930 | 1935 | rBV  | 1620245 | 2247986 | 77.98%  | 3.648% |
| 67 | 14.540 | 1937 | 1947 | 1953 | rVV  | 797893  | 1651791 | 57.30%  | 2.680% |
| 68 | 14.898 | 2002 | 2008 | 2011 | rBV4 | 148089  | 334139  | 11.59%  | 0.542% |
| 69 | 14.940 | 2012 | 2015 | 2019 | rVB4 | 192420  | 262236  | 9.10%   | 0.426% |
| 70 | 15.057 | 2031 | 2035 | 2044 | rVB5 | 386132  | 626229  | 21.72%  | 1.016% |
| 71 | 15.128 | 2044 | 2047 | 2050 | rBV  | 121429  | 148284  | 5.14%   | 0.241% |
| 72 | 15.393 | 2087 | 2092 | 2097 | rVB  | 1581836 | 2039920 | 70.76%  | 3.310% |
| 73 | 15.804 | 2155 | 2162 | 2166 | rBV  | 501469  | 885379  | 30.71%  | 1.437% |
| 74 | 15.951 | 2184 | 2187 | 2193 | rBV3 | 192043  | 312081  | 10.83%  | 0.506% |
| 75 | 16.034 | 2194 | 2201 | 2208 | rVB3 | 648654  | 1252734 | 43.45%  | 2.033% |
| 76 | 16.263 | 2235 | 2240 | 2248 | rBV  | 1573821 | 2882940 | 100.00% | 4.678% |

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Sample : P1611-01 2X  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
TR-05-022724

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\_P\Methods\8270E-BP022624.M  
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|     |        |      |      |      |      |         |         |        |        |
|-----|--------|------|------|------|------|---------|---------|--------|--------|
| 77  | 16.604 | 2295 | 2298 | 2301 | rBV2 | 117661  | 164605  | 5.71%  | 0.267% |
| 78  | 16.869 | 2341 | 2343 | 2347 | rVB2 | 120060  | 140430  | 4.87%  | 0.228% |
| 79  | 17.063 | 2371 | 2376 | 2380 | rBV  | 1336792 | 1667745 | 57.85% | 2.706% |
| 80  | 17.116 | 2380 | 2385 | 2395 | rVB  | 506348  | 960740  | 33.33% | 1.559% |
| 81  | 17.304 | 2412 | 2417 | 2421 | rBV  | 808065  | 1191781 | 41.34% | 1.934% |
| 82  | 17.345 | 2421 | 2424 | 2427 | rVV  | 118416  | 152714  | 5.30%  | 0.248% |
| 83  | 17.540 | 2454 | 2457 | 2463 | rVB  | 120268  | 166004  | 5.76%  | 0.269% |
| 84  | 17.604 | 2465 | 2468 | 2475 | rVB2 | 125500  | 192907  | 6.69%  | 0.313% |
| 85  | 17.810 | 2498 | 2503 | 2508 | rBV  | 1088718 | 1371563 | 47.58% | 2.226% |
| 86  | 17.981 | 2529 | 2532 | 2537 | rVB  | 257841  | 315749  | 10.95% | 0.512% |
| 87  | 18.198 | 2566 | 2569 | 2574 | rBV2 | 235570  | 314883  | 10.92% | 0.511% |
| 88  | 18.481 | 2613 | 2617 | 2622 | rBV  | 943802  | 1174524 | 40.74% | 1.906% |
| 89  | 18.710 | 2653 | 2656 | 2662 | rBV6 | 82574   | 137629  | 4.77%  | 0.223% |
| 90  | 19.092 | 2716 | 2721 | 2724 | rBV2 | 1638896 | 2217489 | 76.92% | 3.598% |
| 91  | 19.122 | 2724 | 2726 | 2736 | rVB2 | 627373  | 773011  | 26.81% | 1.254% |
| 92  | 19.251 | 2745 | 2748 | 2754 | rVB2 | 154976  | 182491  | 6.33%  | 0.296% |
| 93  | 19.316 | 2755 | 2759 | 2763 | rBV  | 339299  | 460647  | 15.98% | 0.748% |
| 94  | 19.663 | 2814 | 2818 | 2828 | rVB2 | 687649  | 1111953 | 38.57% | 1.804% |
| 95  | 19.869 | 2848 | 2853 | 2859 | rVB  | 1256215 | 1669099 | 57.90% | 2.709% |
| 96  | 20.181 | 2903 | 2906 | 2910 | rVB  | 429357  | 479862  | 16.64% | 0.779% |
| 97  | 20.669 | 2986 | 2989 | 2995 | rVB  | 297943  | 337971  | 11.72% | 0.548% |
| 98  | 21.128 | 3064 | 3067 | 3071 | rVB  | 251388  | 290728  | 10.08% | 0.472% |
| 99  | 21.404 | 3109 | 3114 | 3118 | rBV2 | 1003801 | 1418285 | 49.20% | 2.302% |
| 100 | 23.833 | 3522 | 3527 | 3535 | rVB  | 513126  | 1004510 | 34.84% | 1.630% |

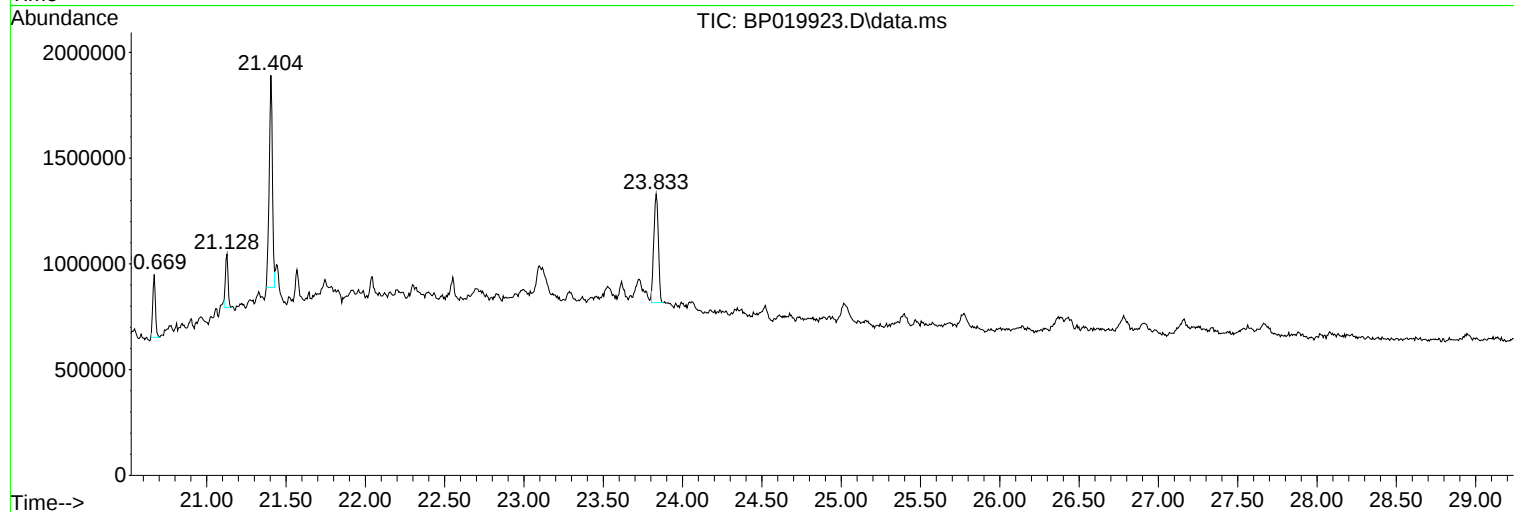
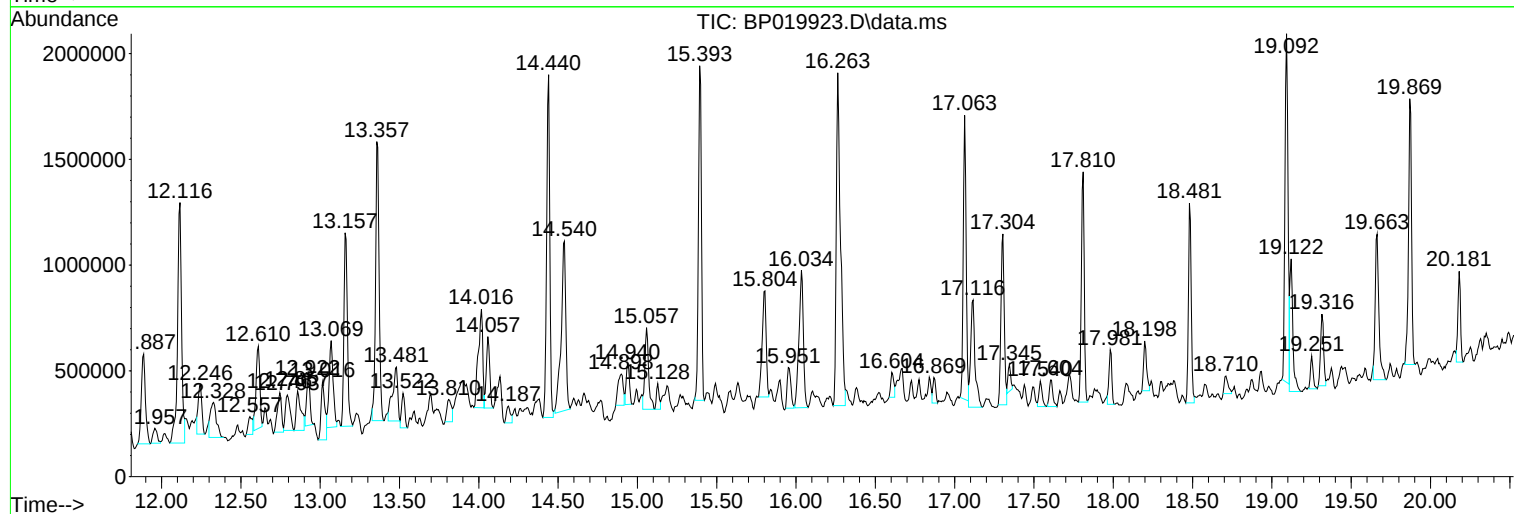
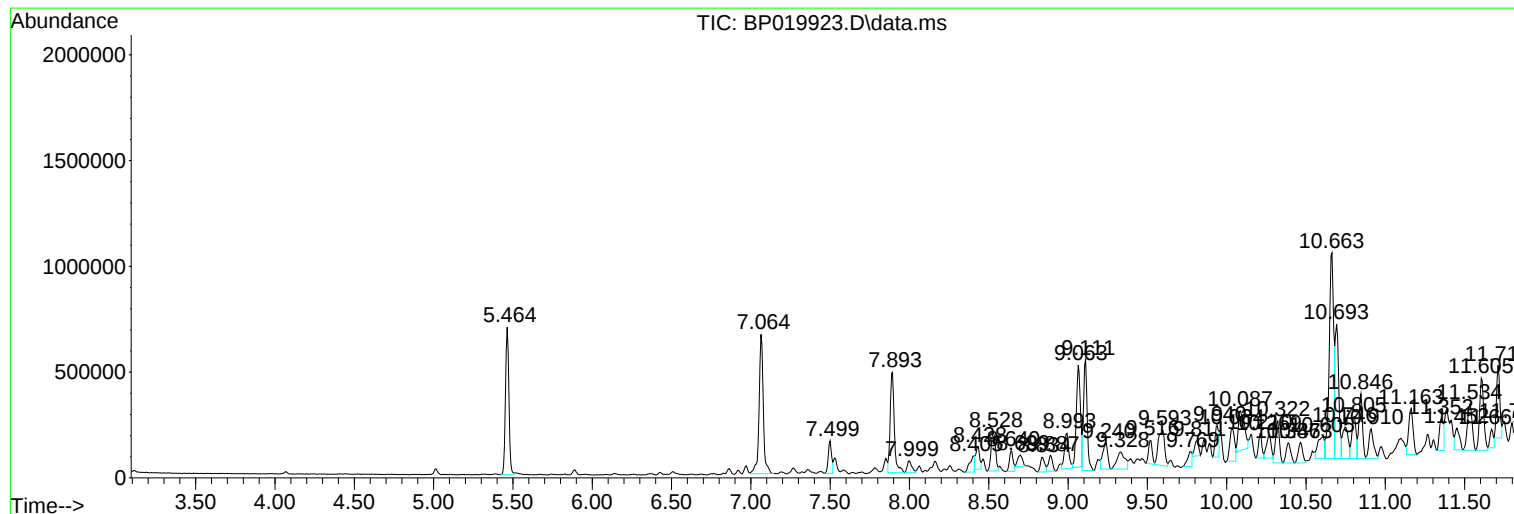
Sum of corrected areas: 61622855

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP022824\  
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Sample : P1611-01 2X  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
TR-05-022724

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP022624.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\_P\Data\BP022824\  
Data File : BP019923.D  
Acq On : 28 Feb 2024 18:53  
Operator : MA/JU  
Sample : P1611-01 2X  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

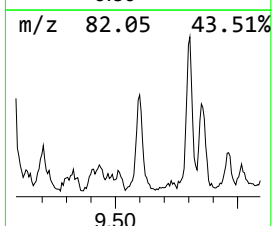
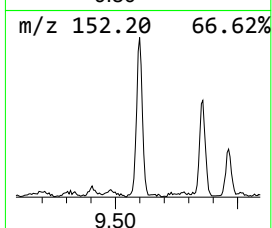
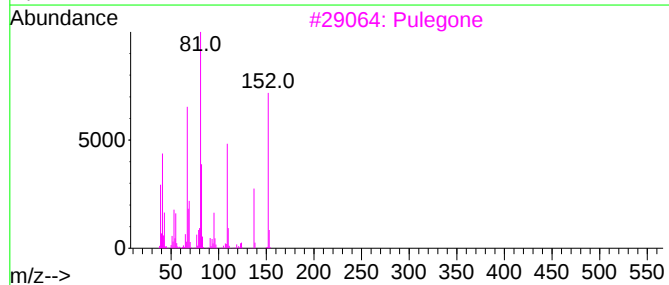
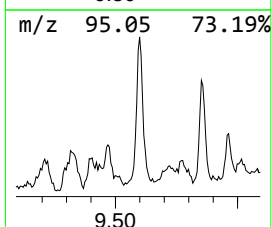
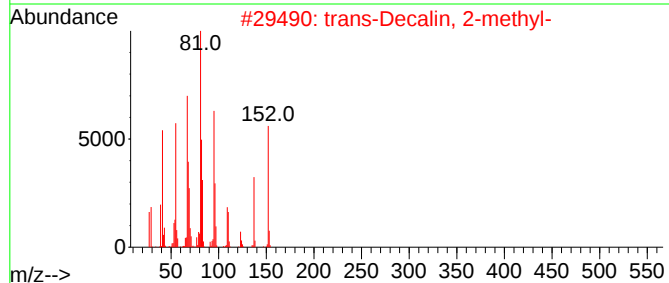
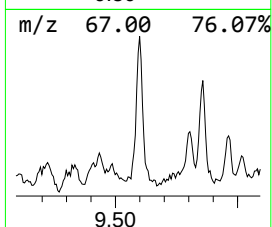
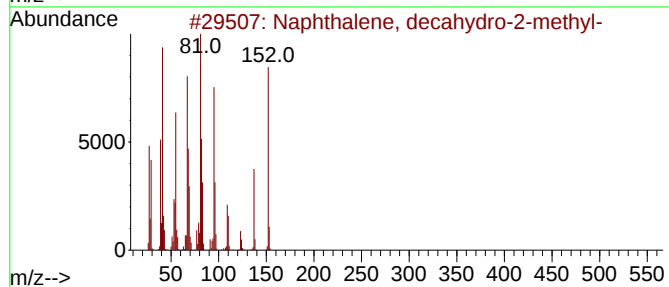
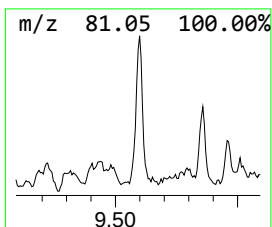
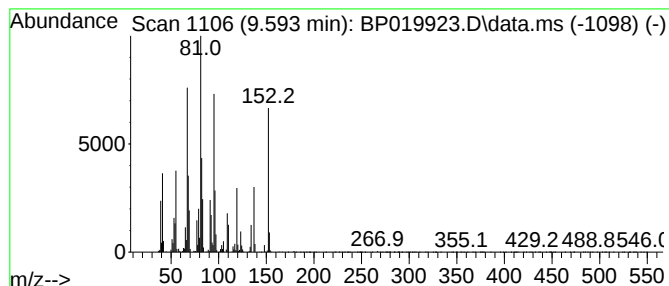
Instrument :  
BNA\_P  
ClientSampleId :  
TR-05-022724

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP022624.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 1 Naphthalene, decahydro-2-me... Concentration Rank 20

| R.T.      | EstConc                             | Area   | Relative to ISTD | R.T.         |      |
|-----------|-------------------------------------|--------|------------------|--------------|------|
| 9.593     | 9.86 ng                             | 460208 | Naphthalene-d8   | 10.693       |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm          | CAS#         | Qual |
| 1         | Naphthalene, decahydro-2-methyl-    | 152    | C11H20           | 002958-76-1  | 95   |
| 2         | trans-Decalin, 2-methyl-            | 152    | C11H20           | 1000152-47-3 | 95   |
| 3         | Pulegone                            | 152    | C10H16O          | 000089-82-7  | 70   |
| 4         | Cyclohexanone, 5-methyl-2-(1-met... | 152    | C10H16O          | 015932-80-6  | 70   |
| 5         | 7-Heptadecyne, 1-chloro-            | 270    | C17H31Cl         | 056554-74-6  | 64   |



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ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
TR-05-022724

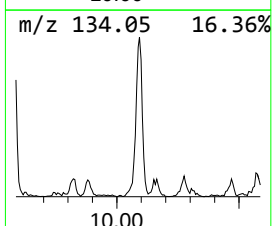
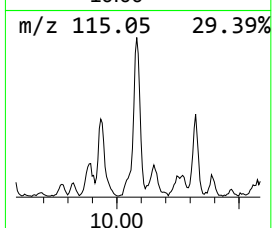
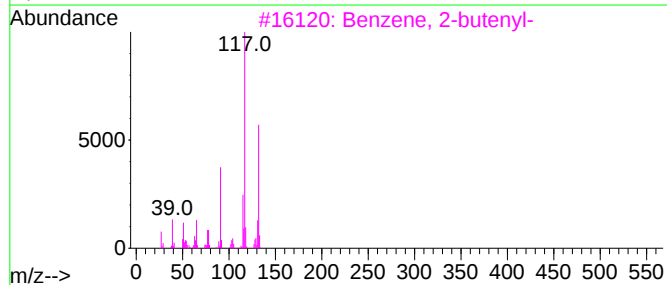
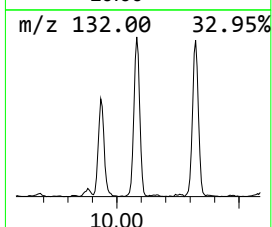
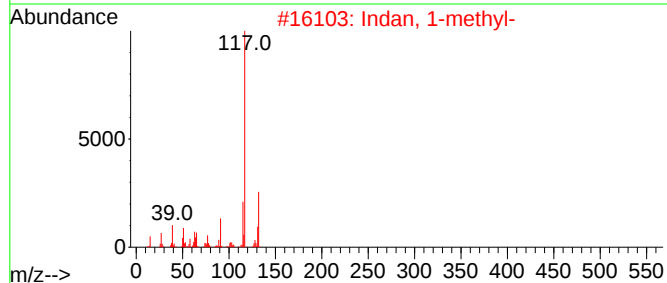
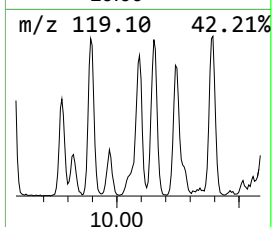
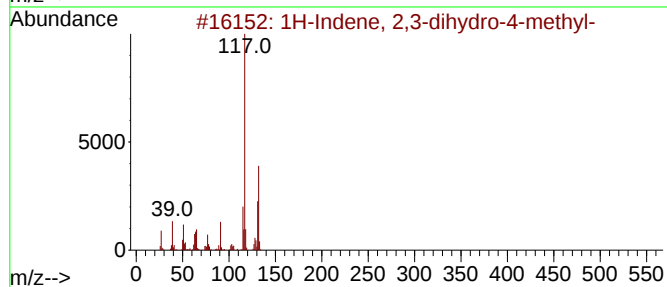
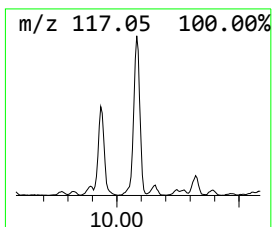
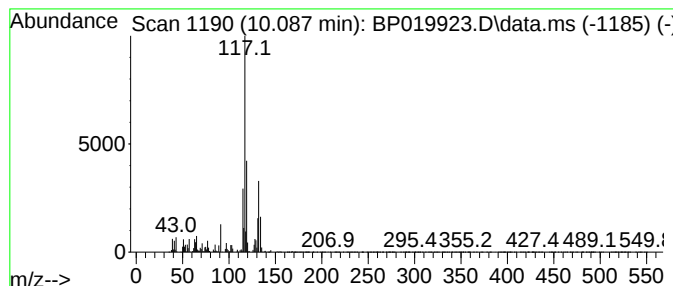
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP022624.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 2 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 15

| R.T.      | EstConc                             | Area   | Relative to ISTD | R.T.        |      |
|-----------|-------------------------------------|--------|------------------|-------------|------|
| 10.087    | 11.10 ng                            | 518081 | Naphthalene-d8   | 10.693      |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm          | CAS#        | Qual |
| 1         | 1H-Indene, 2,3-dihydro-4-methyl-    | 132    | C10H12           | 000824-22-6 | 70   |
| 2         | Indan, 1-methyl-                    | 132    | C10H12           | 000767-58-8 | 64   |
| 3         | Benzene, 2-butenyl-                 | 132    | C10H12           | 001560-06-1 | 62   |
| 4         | 1-Phenyl-1-butene                   | 132    | C10H12           | 000824-90-8 | 62   |
| 5         | Benzene, (1-methyl-1-propenyl)-,... | 132    | C10H12           | 000768-00-3 | 62   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP022824\  
Data File : BP019923.D  
Acq On : 28 Feb 2024 18:53  
Operator : MA/JU  
Sample : P1611-01 2X  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
TR-05-022724

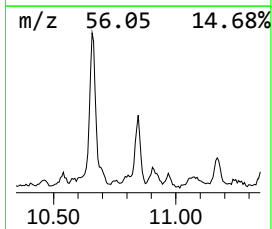
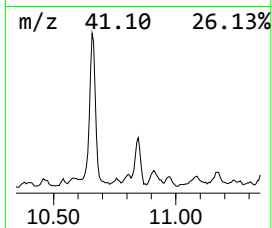
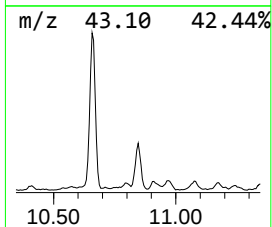
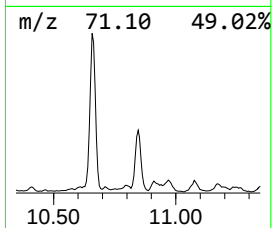
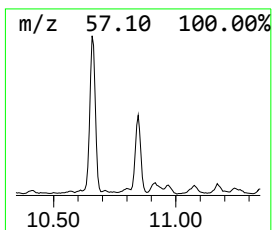
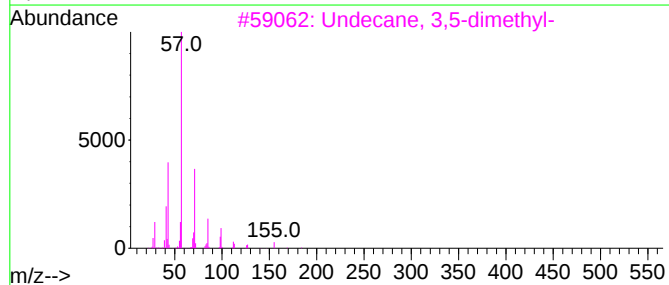
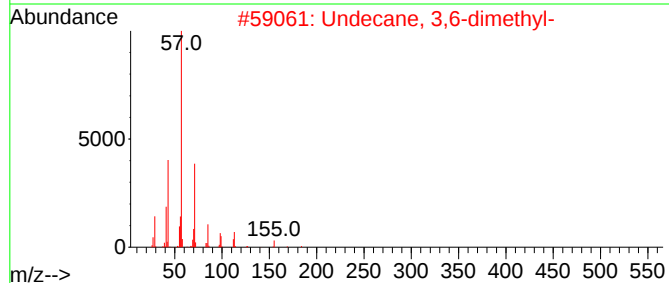
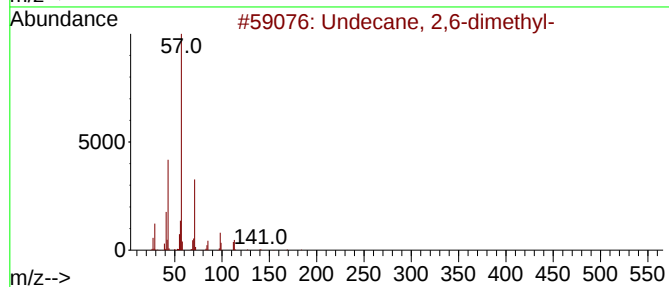
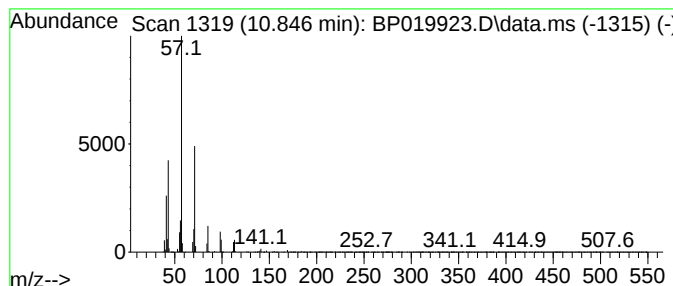
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 3 Undecane, 2,6-dimethyl- Concentration Rank 19

| R.T.   | EstConc  | Area   | Relative to ISTD | R.T.   |
|--------|----------|--------|------------------|--------|
| 10.846 | 10.28 ng | 479467 | Naphthalene-d8   | 10.693 |

| Hit# | of | 5 | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------------|-----|---------|-------------|------|
| 1    |    |   | Undecane, 2,6-dimethyl-     | 184 | C13H28  | 017301-23-4 | 94   |
| 2    |    |   | Undecane, 3,6-dimethyl-     | 184 | C13H28  | 017301-28-9 | 81   |
| 3    |    |   | Undecane, 3,5-dimethyl-     | 184 | C13H28  | 017312-81-1 | 80   |
| 4    |    |   | Dodecane, 2,7,10-trimethyl- | 212 | C15H32  | 074645-98-0 | 72   |
| 5    |    |   | Pentadecane, 7-methyl-      | 226 | C16H34  | 006165-40-8 | 72   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP022824\  
Data File : BP019923.D  
Acq On : 28 Feb 2024 18:53  
Operator : MA/JU  
Sample : P1611-01 2X  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
TR-05-022724

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP022624.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

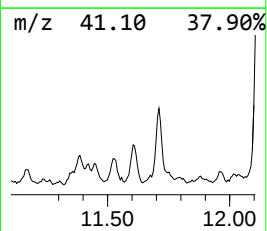
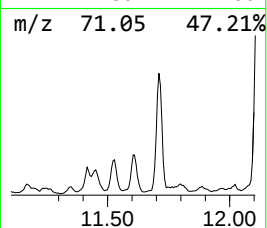
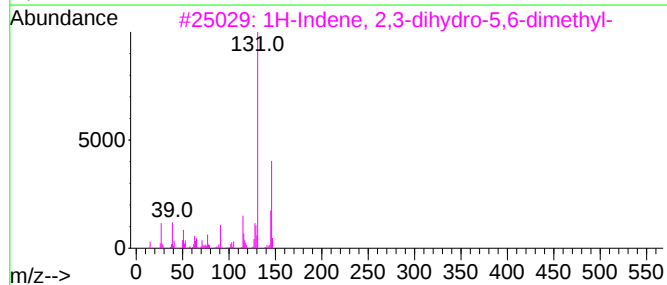
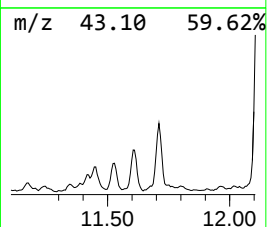
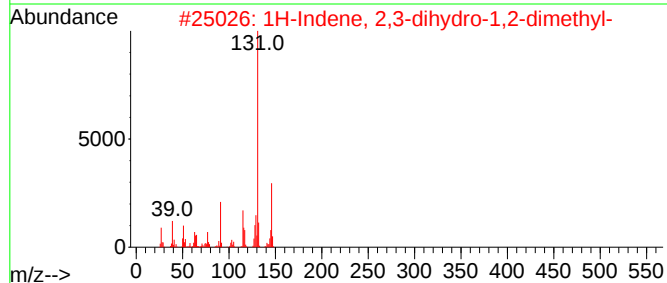
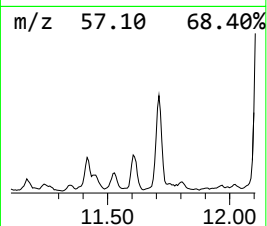
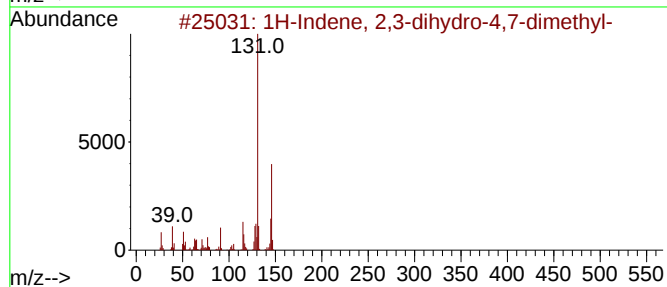
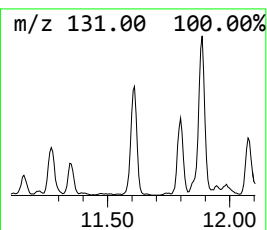
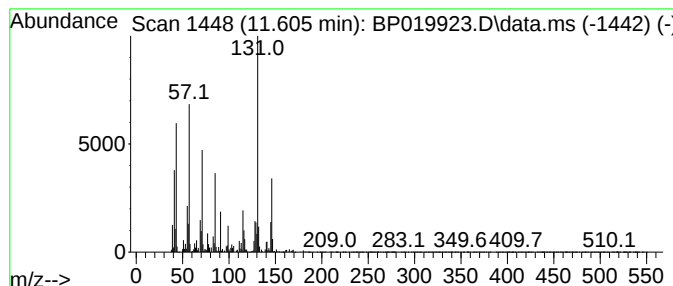
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TIC Integration Parameters: LSCINT.P

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Peak Number 4 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 13

| R.T.   | EstConc  | Area   | Relative to ISTD | R.T.   |
|--------|----------|--------|------------------|--------|
| 11.605 | 13.42 ng | 626178 | Naphthalene-d8   | 10.693 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | 1H-Indene, 2,3-dihydro-4,7-dimet... | 146 | C11H14  | 006682-71-9 | 95   |
| 2    |    |   | 1H-Indene, 2,3-dihydro-1,2-dimet... | 146 | C11H14  | 017057-82-8 | 86   |
| 3    |    |   | 1H-Indene, 2,3-dihydro-5,6-dimet... | 146 | C11H14  | 001075-22-5 | 86   |
| 4    |    |   | Benzene, (1-methyl-1-butenyl)-      | 146 | C11H14  | 053172-84-2 | 86   |
| 5    |    |   | 2,2-Dimethylindene, 2,3-dihydro-    | 146 | C11H14  | 020836-11-7 | 70   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP022824\  
Data File : BP019923.D  
Acq On : 28 Feb 2024 18:53  
Operator : MA/JU  
Sample : P1611-01 2X  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
TR-05-022724

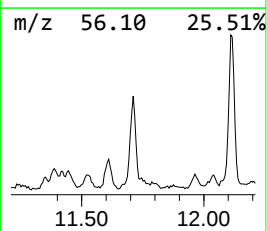
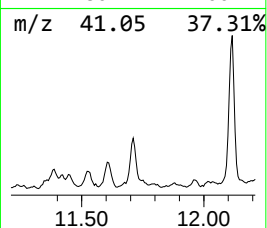
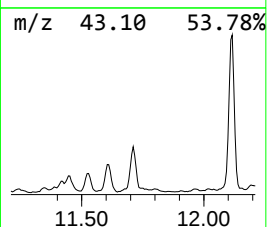
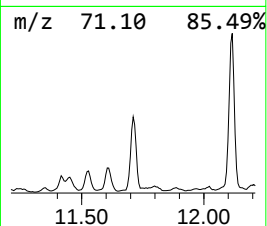
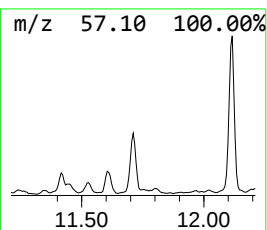
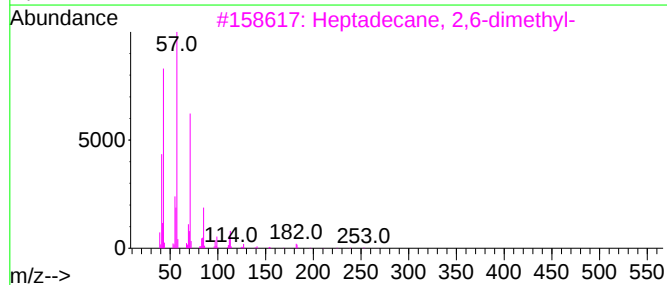
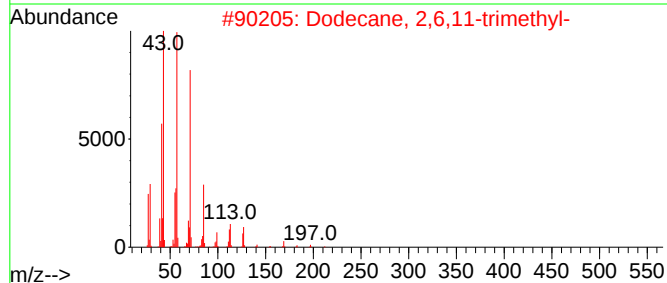
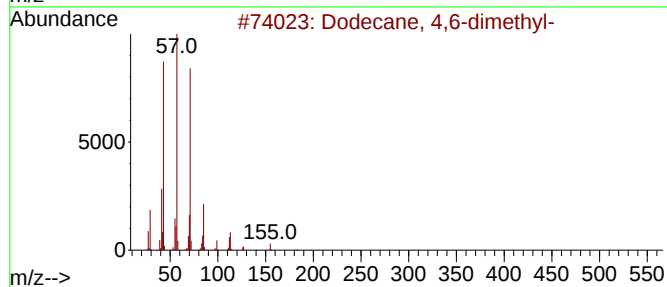
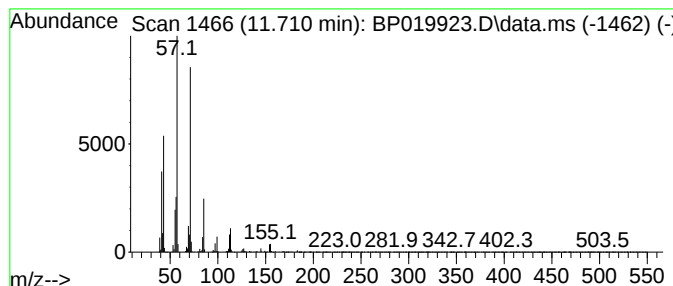
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 5 Dodecane, 4,6-dimethyl- Concentration Rank 17

| R.T.   | EstConc  | Area   | Relative to ISTD | R.T.   |
|--------|----------|--------|------------------|--------|
| 11.710 | 10.83 ng | 505325 | Naphthalene-d8   | 10.693 |

| Hit# | of | 5 | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------------|-----|---------|-------------|------|
| 1    |    |   | Dodecane, 4,6-dimethyl-     | 198 | C14H30  | 061141-72-8 | 93   |
| 2    |    |   | Dodecane, 2,6,11-trimethyl- | 212 | C15H32  | 031295-56-4 | 86   |
| 3    |    |   | Heptadecane, 2,6-dimethyl-  | 268 | C19H40  | 054105-67-8 | 78   |
| 4    |    |   | Heptadecane, 7-methyl-      | 254 | C18H38  | 020959-33-5 | 72   |
| 5    |    |   | Decane, 2-methyl-           | 156 | C11H24  | 006975-98-0 | 62   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP022824\  
Data File : BP019923.D  
Acq On : 28 Feb 2024 18:53  
Operator : MA/JU  
Sample : P1611-01 2X  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
TR-05-022724

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP022624.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

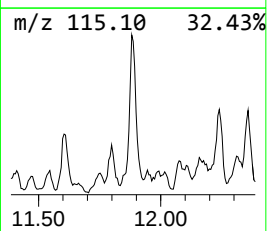
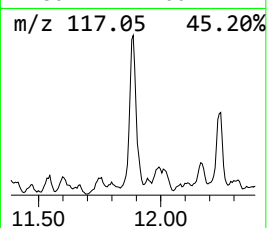
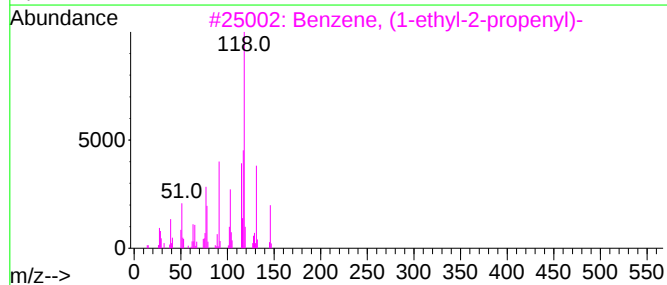
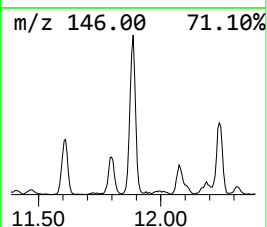
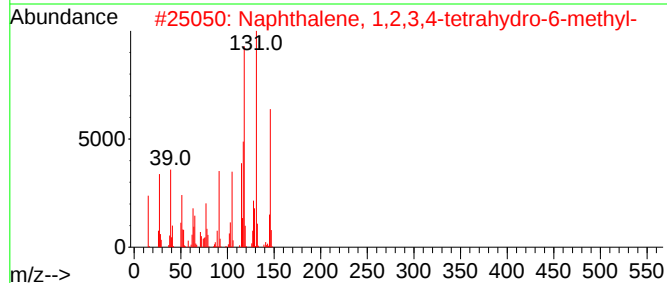
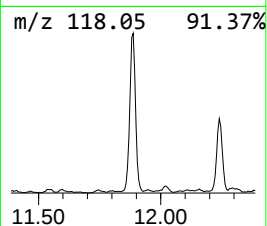
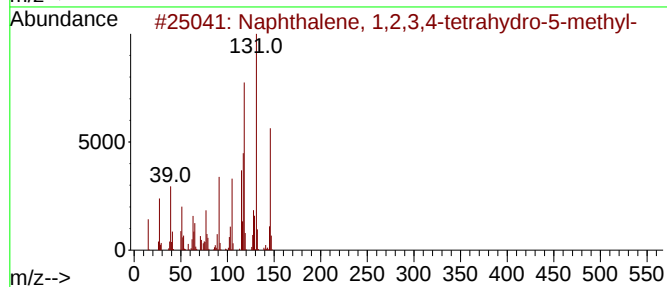
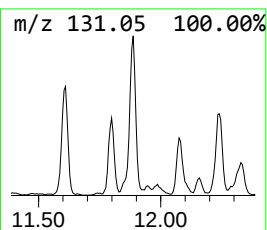
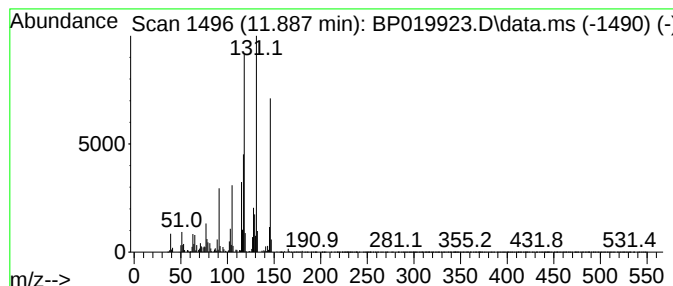
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TIC Integration Parameters: LSCINT.P

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Peak Number 6 Naphthalene, 1,2,3,4-tetrahydro... Concentration Rank 10

| R.T.   | EstConc  | Area   | Relative to ISTD | R.T.   |
|--------|----------|--------|------------------|--------|
| 11.887 | 16.20 ng | 756059 | Naphthalene-d8   | 10.693 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|---------|--------------|------|
| 1    |    |   | Naphthalene, 1,2,3,4-tetrahydro-... | 146 | C11H14  | 002809-64-5  | 96   |
| 2    |    |   | Naphthalene, 1,2,3,4-tetrahydro-... | 146 | C11H14  | 001680-51-9  | 96   |
| 3    |    |   | Benzene, (1-ethyl-2-propenyl)-      | 146 | C11H14  | 019947-22-9  | 81   |
| 4    |    |   | 2,3,4,5,6,7-Hexahydro-1H-cyclope... | 146 | C11H14  | 1010189-31-0 | 72   |
| 5    |    |   | Benzene, (1-methylenebutyl)-        | 146 | C11H14  | 005676-32-4  | 58   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP022824\  
Data File : BP019923.D  
Acq On : 28 Feb 2024 18:53  
Operator : MA/JU  
Sample : P1611-01 2X  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
TR-05-022724

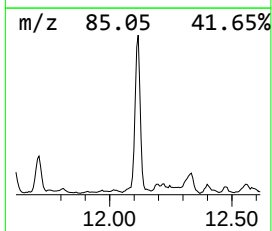
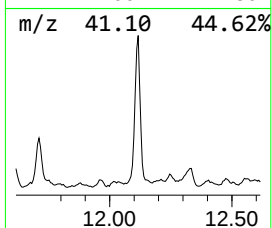
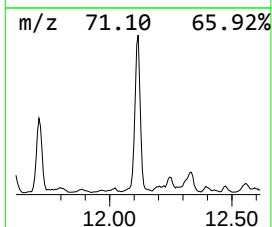
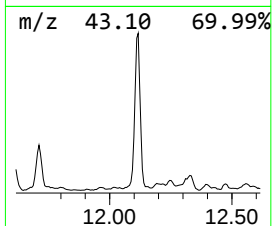
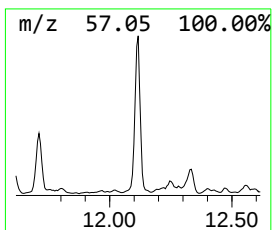
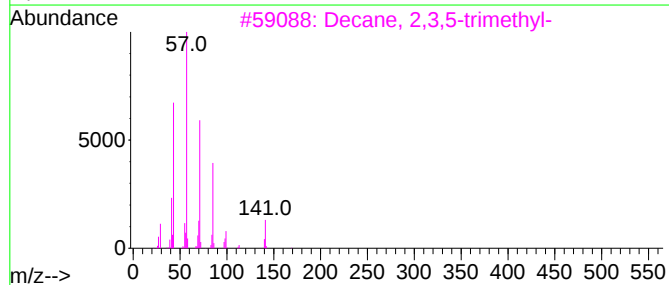
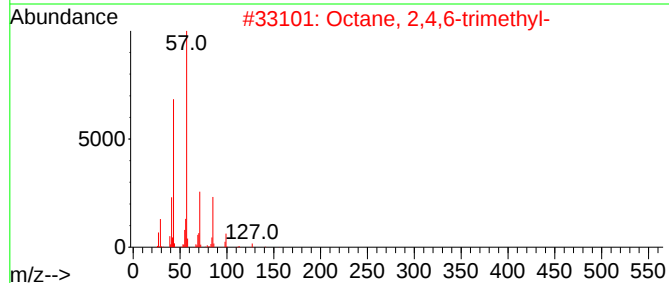
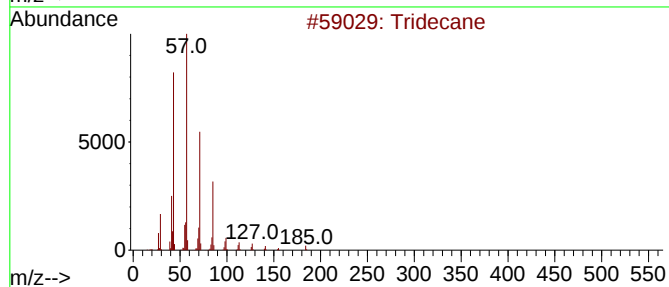
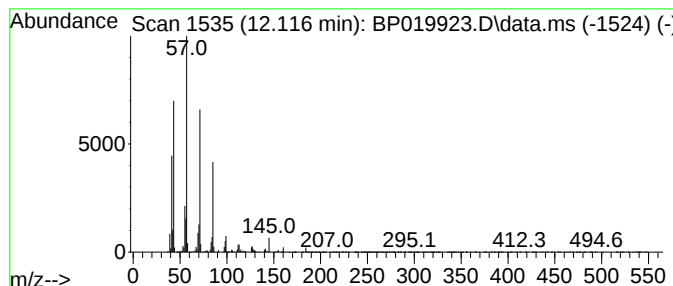
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 7 Tridecane Concentration Rank 2

| R.T.   | EstConc  | Area    | Relative to ISTD | R.T.   |
|--------|----------|---------|------------------|--------|
| 12.116 | 43.33 ng | 2021840 | Naphthalene-d8   | 10.693 |

| Hit# | of | 5 | Tentative ID             | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------------------|-----|---------|-------------|------|
| 1    |    |   | Tridecane                | 184 | C13H28  | 000629-50-5 | 94   |
| 2    |    |   | Octane, 2,4,6-trimethyl- | 156 | C11H24  | 062016-37-9 | 80   |
| 3    |    |   | Decane, 2,3,5-trimethyl- | 184 | C13H28  | 062238-11-3 | 72   |
| 4    |    |   | Dodecane                 | 170 | C12H26  | 000112-40-3 | 64   |
| 5    |    |   | Hexadecane               | 226 | C16H34  | 000544-76-3 | 64   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP022824\  
Data File : BP019923.D  
Acq On : 28 Feb 2024 18:53  
Operator : MA/JU  
Sample : P1611-01 2X  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
TR-05-022724

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP022624.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

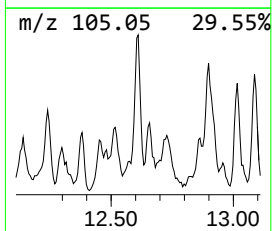
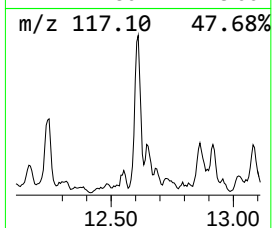
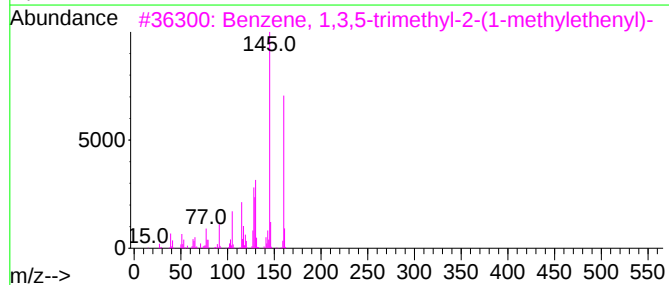
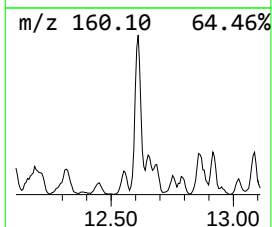
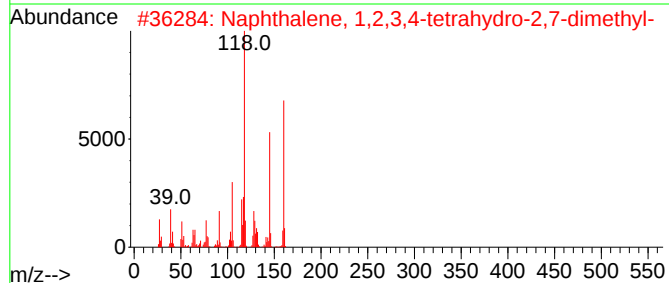
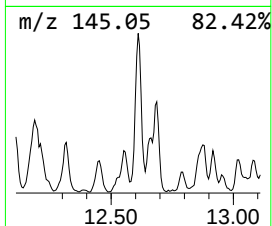
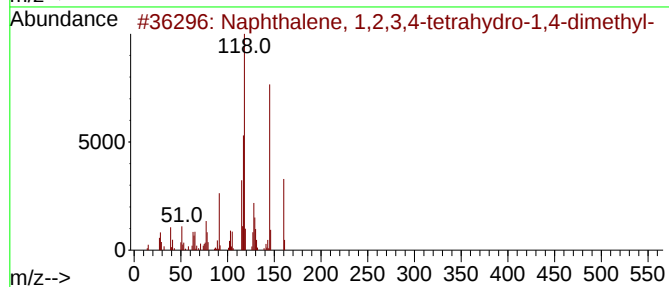
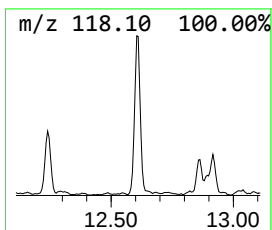
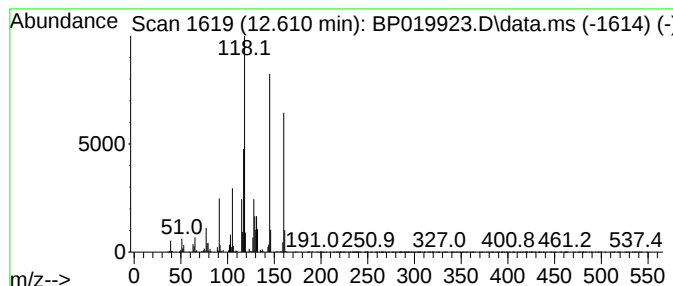
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 8 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 12

| R.T.   | EstConc  | Area   | Relative to ISTD | R.T.   |
|--------|----------|--------|------------------|--------|
| 12.610 | 13.80 ng | 643858 | Naphthalene-d8   | 10.693 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Naphthalene, 1,2,3,4-tetrahydro-... | 160 | C12H16  | 004175-54-6 | 94   |
| 2    |    |   | Naphthalene, 1,2,3,4-tetrahydro-... | 160 | C12H16  | 013065-07-1 | 81   |
| 3    |    |   | Benzene, 1,3,5-trimethyl-2-(1-me... | 160 | C12H16  | 014679-13-1 | 55   |
| 4    |    |   | 1H-Indene, 2,3-dihydro-1,1,3-tri... | 160 | C12H16  | 002613-76-5 | 55   |
| 5    |    |   | 1(2H)-Naphthalenone, 3,4-dihydro... | 160 | C11H12O | 001590-08-5 | 49   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP022824\  
Data File : BP019923.D  
Acq On : 28 Feb 2024 18:53  
Operator : MA/JU  
Sample : P1611-01 2X  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
TR-05-022724

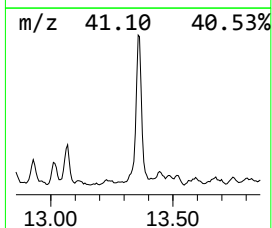
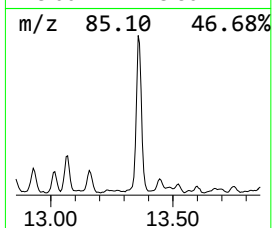
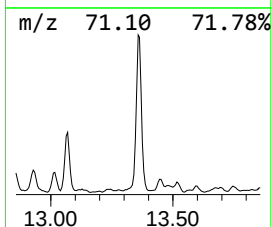
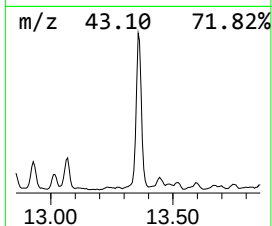
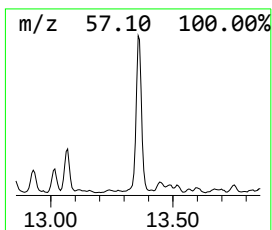
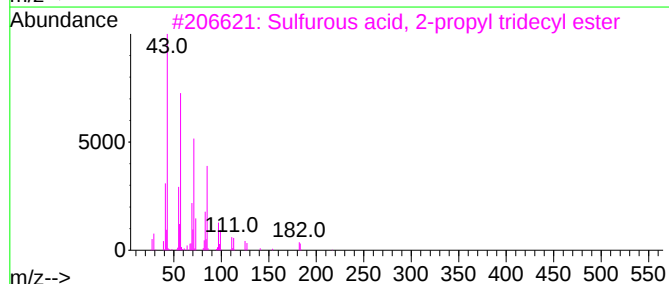
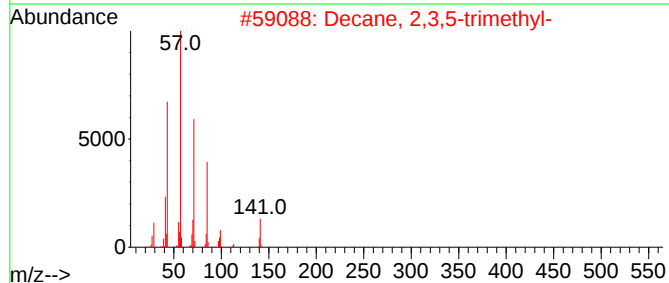
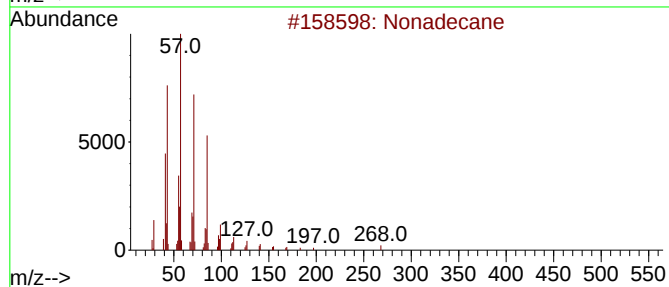
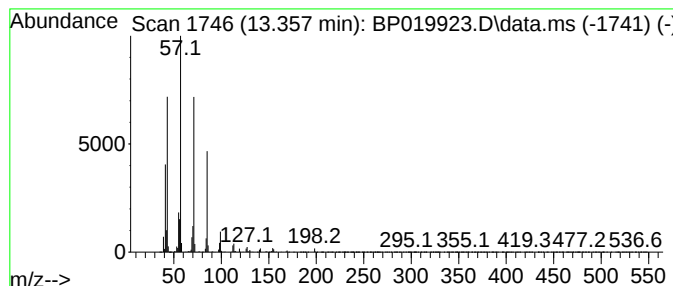
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 9 Nonadecane Concentration Rank 6

| R.T.   | EstConc  | Area    | Relative to ISTD | R.T.   |
|--------|----------|---------|------------------|--------|
| 13.357 | 24.73 ng | 2042490 | Acenaphthene-d10 | 14.540 |

| Hit# | of | 5 | Tentative ID                         | MW  | MolForm   | CAS#         | Qual |
|------|----|---|--------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | Nonadecane                           | 268 | C19H40    | 000629-92-5  | 90   |
| 2    |    |   | Decane, 2,3,5-trimethyl-             | 184 | C13H28    | 062238-11-3  | 83   |
| 3    |    |   | Sulfurous acid, 2-propyl tridecyl... | 306 | C16H34O3S | 1000309-12-4 | 83   |
| 4    |    |   | Hexadecane                           | 226 | C16H34    | 000544-76-3  | 80   |
| 5    |    |   | Tridecane                            | 184 | C13H28    | 000629-50-5  | 72   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP022824\  
Data File : BP019923.D  
Acq On : 28 Feb 2024 18:53  
Operator : MA/JU  
Sample : P1611-01 2X  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
TR-05-022724

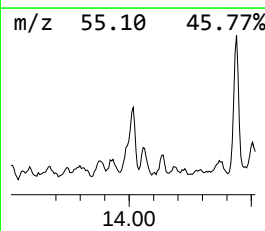
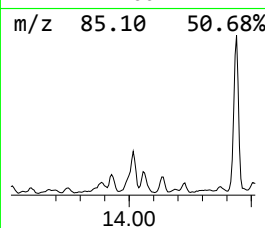
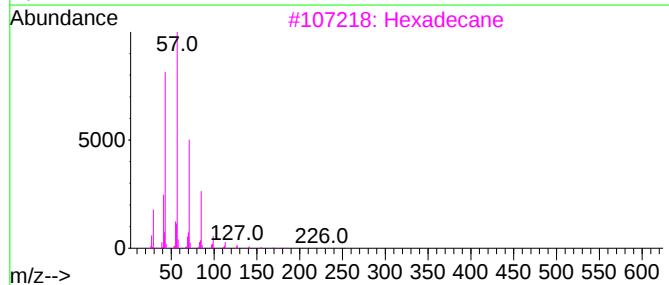
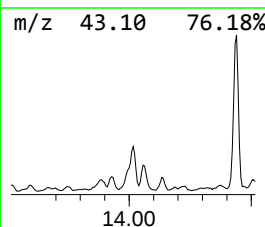
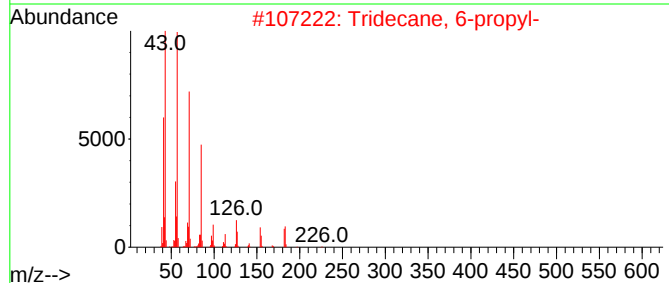
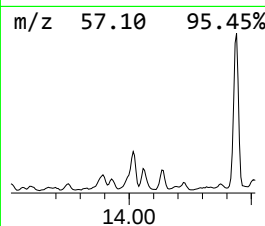
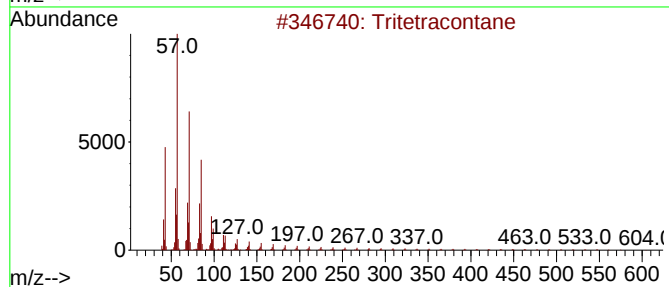
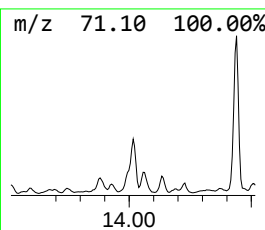
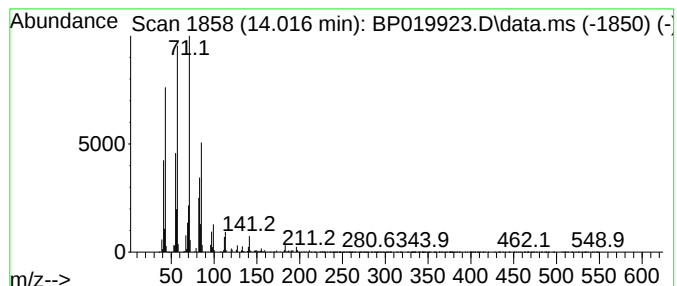
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 10 Tritetracontane Concentration Rank 16

| R.T.   | EstConc  | Area   | Relative to ISTD | R.T.   |
|--------|----------|--------|------------------|--------|
| 14.016 | 10.99 ng | 907554 | Acenaphthene-d10 | 14.540 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|---------|--------------|------|
| 1    |    |   | Tritetracontane                     | 605 | C43H88  | 007098-21-7  | 72   |
| 2    |    |   | Tridecane, 6-propyl-                | 226 | C16H34  | 055045-10-8  | 68   |
| 3    |    |   | Hexadecane                          | 226 | C16H34  | 000544-76-3  | 64   |
| 4    |    |   | 3-Ethyl-2,6,10-trimethylundecane    | 226 | C16H34  | 1000432-25-9 | 59   |
| 5    |    |   | Heptadecane, 2,6,10,15-tetramethyl- | 296 | C21H44  | 054833-48-6  | 58   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP022824\  
Data File : BP019923.D  
Acq On : 28 Feb 2024 18:53  
Operator : MA/JU  
Sample : P1611-01 2X  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
TR-05-022724

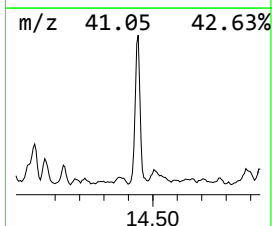
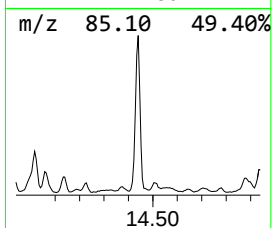
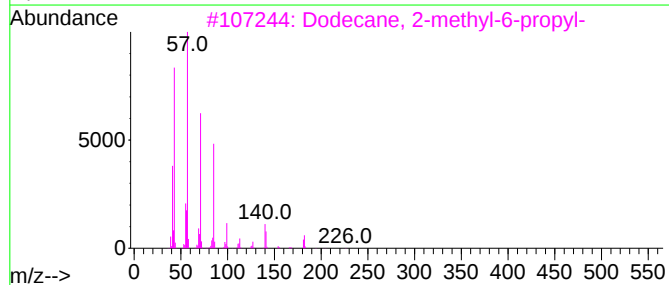
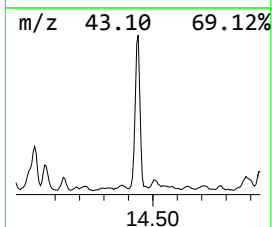
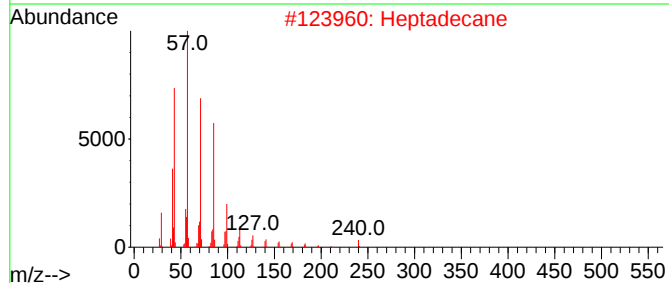
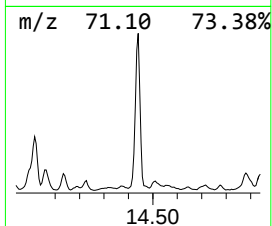
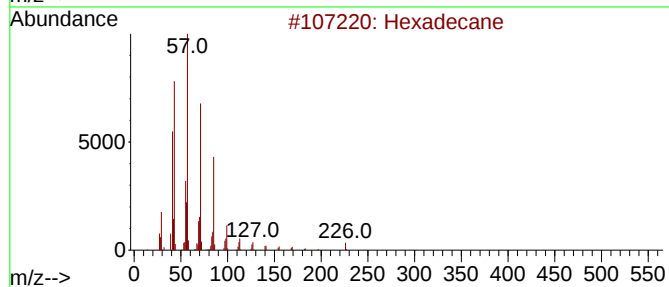
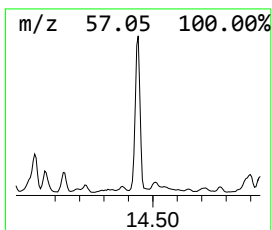
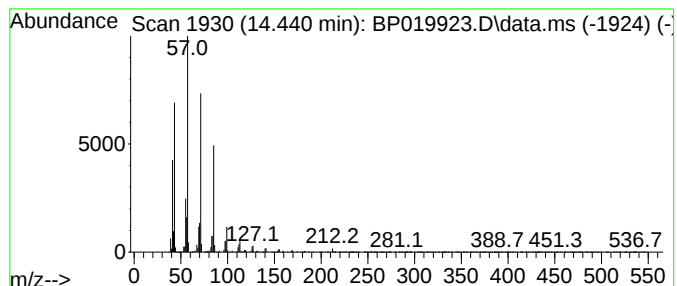
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 11 Hexadecane Concentration Rank 5

| R.T.   | EstConc  | Area    | Relative to ISTD | R.T.   |
|--------|----------|---------|------------------|--------|
| 14.440 | 27.22 ng | 2247990 | Acenaphthene-d10 | 14.540 |

| Hit# | of 5 | Tentative ID                 | MW  | MolForm | CAS#        | Qual |
|------|------|------------------------------|-----|---------|-------------|------|
| 1    |      | Hexadecane                   | 226 | C16H34  | 000544-76-3 | 91   |
| 2    |      | Heptadecane                  | 240 | C17H36  | 000629-78-7 | 91   |
| 3    |      | Dodecane, 2-methyl-6-propyl- | 226 | C16H34  | 055045-08-4 | 90   |
| 4    |      | Octacosane                   | 394 | C28H58  | 000630-02-4 | 72   |
| 5    |      | Nonadecane                   | 268 | C19H40  | 000629-92-5 | 68   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP022824\  
Data File : BP019923.D  
Acq On : 28 Feb 2024 18:53  
Operator : MA/JU  
Sample : P1611-01 2X  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

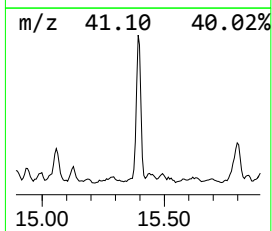
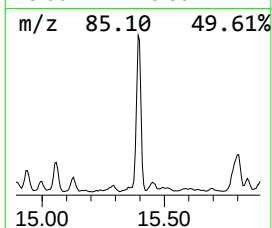
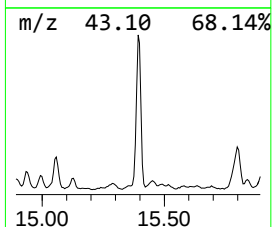
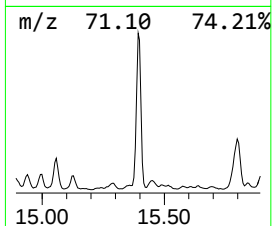
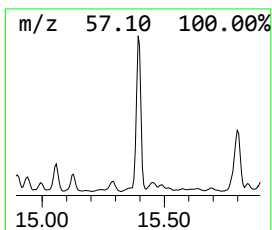
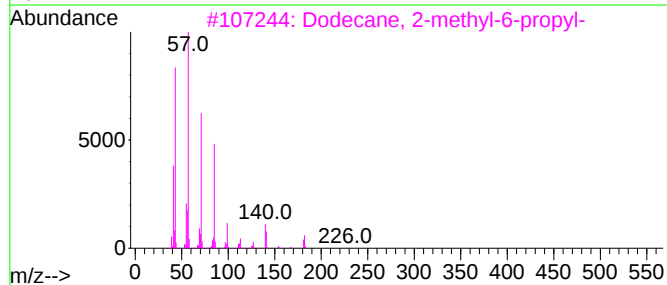
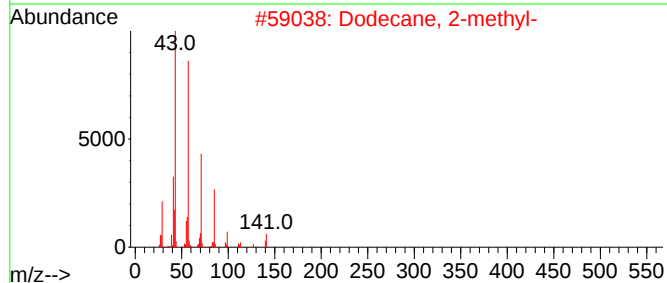
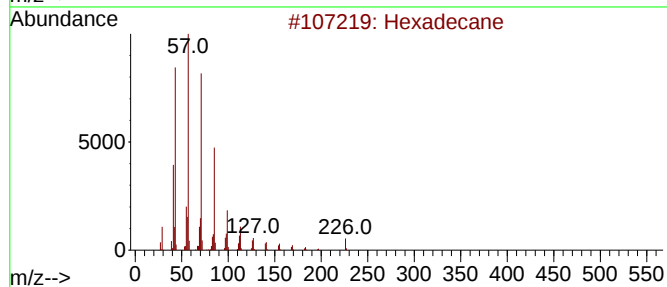
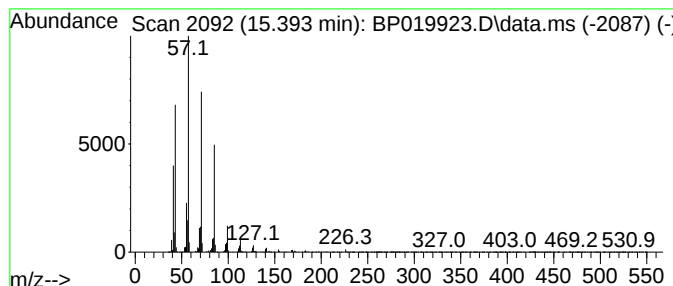
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ClientSampleId :  
TR-05-022724

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP022624.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 12 Dodecane, 2-methyl- Concentration Rank 7

| R.T.      | EstConc                            | Area    | Relative to ISTD | R.T.         |      |
|-----------|------------------------------------|---------|------------------|--------------|------|
| 15.393    | 24.70 ng                           | 2039920 | Acenaphthene-d10 | 14.540       |      |
| Hit# of 5 | Tentative ID                       | MW      | MolForm          | CAS#         | Qual |
| 1         | Hexadecane                         | 226     | C16H34           | 000544-76-3  | 95   |
| 2         | Dodecane, 2-methyl-                | 184     | C13H28           | 001560-97-0  | 86   |
| 3         | Dodecane, 2-methyl-6-propyl-       | 226     | C16H34           | 055045-08-4  | 80   |
| 4         | Carbonic acid, eicosyl vinyl ester | 368     | C23H44O3         | 1000382-54-3 | 64   |
| 5         | 3-Ethyl-2,6,10-trimethylundecane   | 226     | C16H34           | 1000432-25-9 | 64   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP022824\  
Data File : BP019923.D  
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Operator : MA/JU  
Sample : P1611-01 2X  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

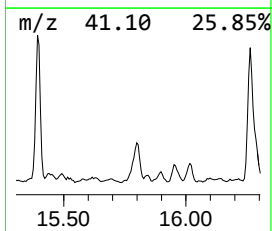
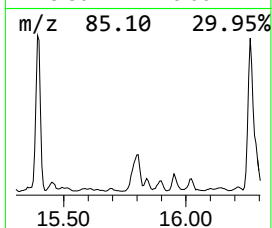
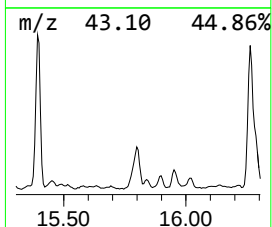
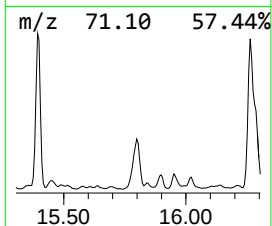
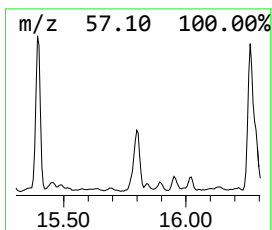
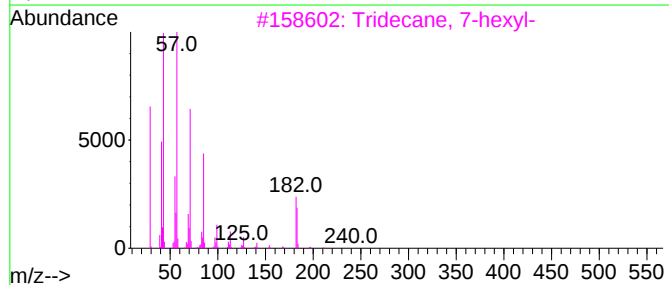
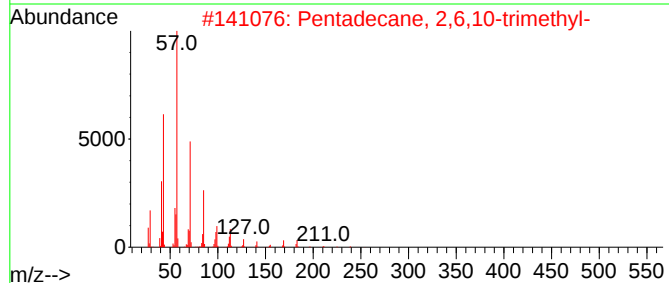
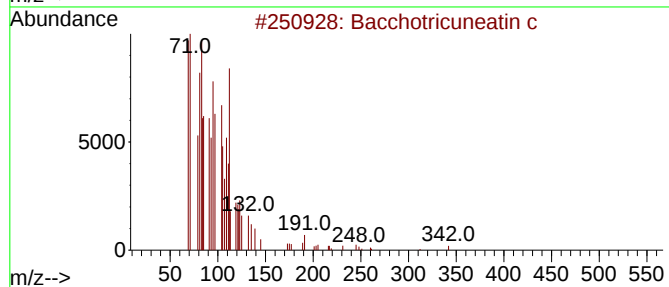
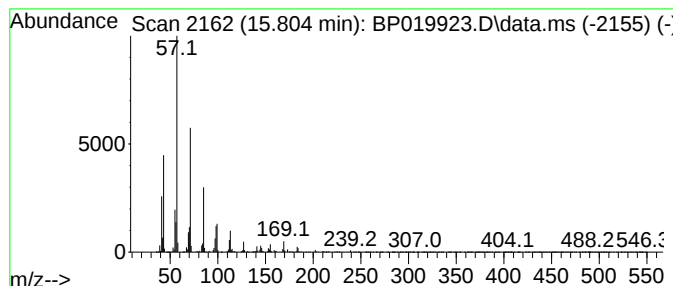
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ClientSampleId :  
TR-05-022724

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP022624.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 13 Bacchotricuneatin c Concentration Rank 18

| R.T.      | EstConc                        | Area   | Relative to ISTD |          | R.T.        |      |
|-----------|--------------------------------|--------|------------------|----------|-------------|------|
| 15.804    | 10.72 ng                       | 885379 | Acenaphthene-d10 |          | 14.540      |      |
| Hit# of 5 | Tentative ID                   |        | MW               | MolForm  | CAS#        | Qual |
| 1         | Bacchotricuneatin c            |        | 342              | C20H22O5 | 066563-30-2 | 96   |
| 2         | Pentadecane, 2,6,10-trimethyl- |        | 254              | C18H38   | 003892-00-0 | 94   |
| 3         | Tridecane, 7-hexyl-            |        | 268              | C19H40   | 007225-66-3 | 80   |
| 4         | Hexacosane                     |        | 366              | C26H54   | 000630-01-3 | 80   |
| 5         | Tetracosane                    |        | 338              | C24H50   | 000646-31-1 | 80   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP022824\  
Data File : BP019923.D  
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Operator : MA/JU  
Sample : P1611-01 2X  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

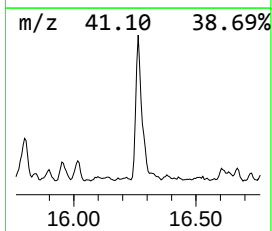
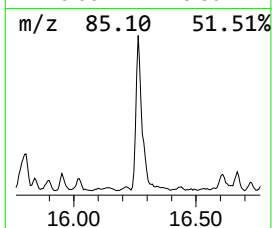
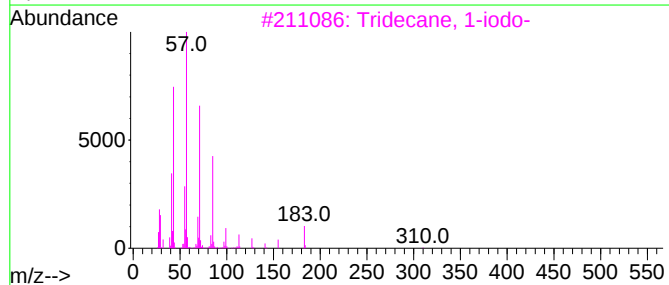
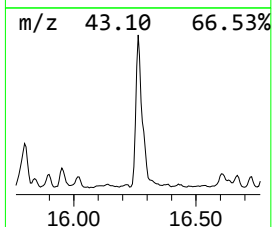
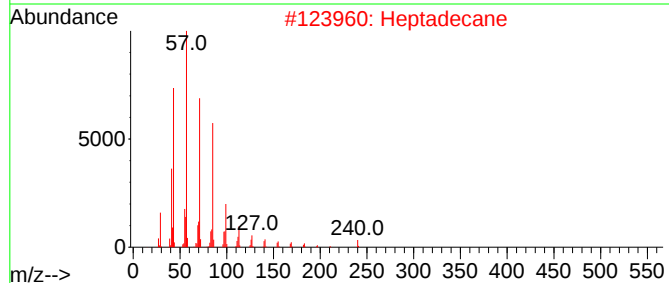
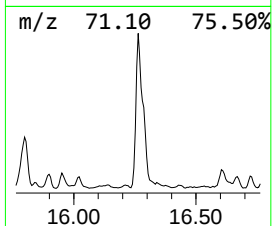
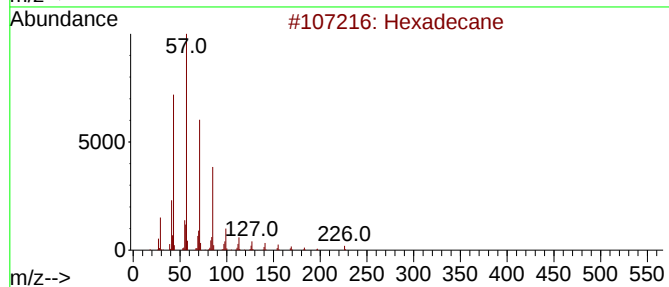
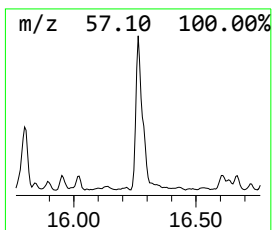
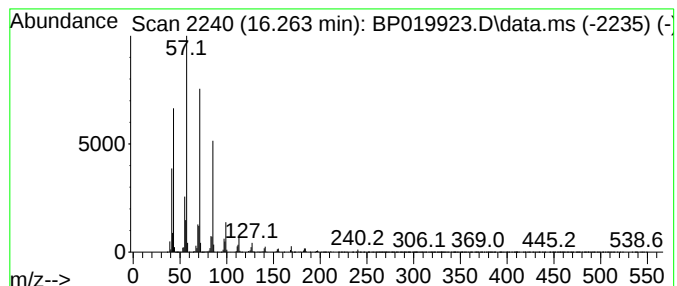
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ClientSampleId :  
TR-05-022724

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP022624.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 14 Heptadecane Concentration Rank 1

| R.T.      | EstConc            | Area    | Relative to ISTD |         | R.T.        |      |
|-----------|--------------------|---------|------------------|---------|-------------|------|
| 16.263    | 48.38 ng           | 2882940 | Phenanthrene-d10 |         | 17.304      |      |
| Hit# of 5 | Tentative ID       |         | MW               | MolForm | CAS#        | Qual |
| 1         | Hexadecane         |         | 226              | C16H34  | 000544-76-3 | 91   |
| 2         | Heptadecane        |         | 240              | C17H36  | 000629-78-7 | 91   |
| 3         | Tridecane, 1-iodo- |         | 310              | C13H27I | 035599-77-0 | 91   |
| 4         | Eicosane           |         | 282              | C20H42  | 000112-95-8 | 91   |
| 5         | Heneicosane        |         | 296              | C21H44  | 000629-94-7 | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP022824\  
Data File : BP019923.D  
Acq On : 28 Feb 2024 18:53  
Operator : MA/JU  
Sample : P1611-01 2X  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
TR-05-022724

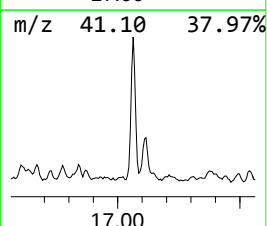
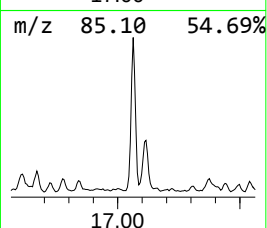
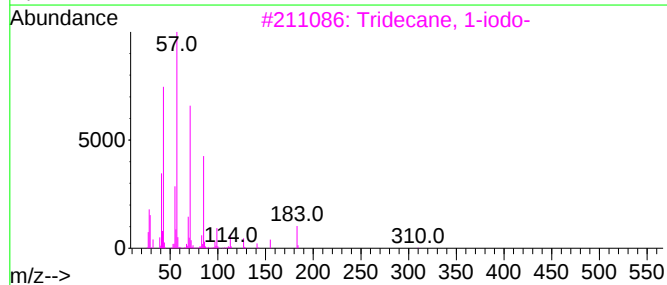
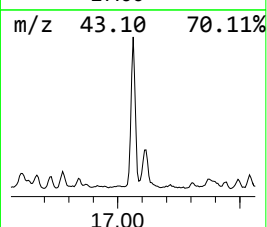
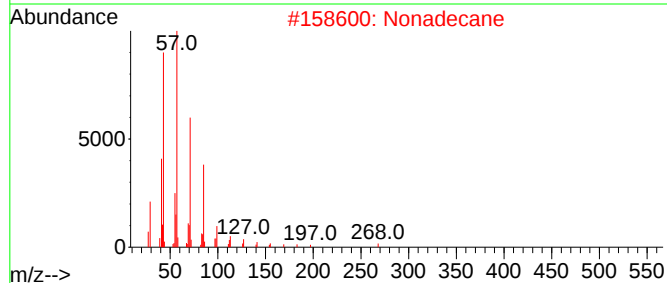
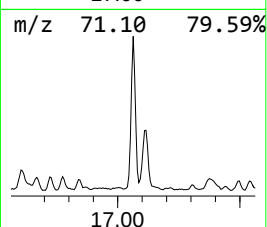
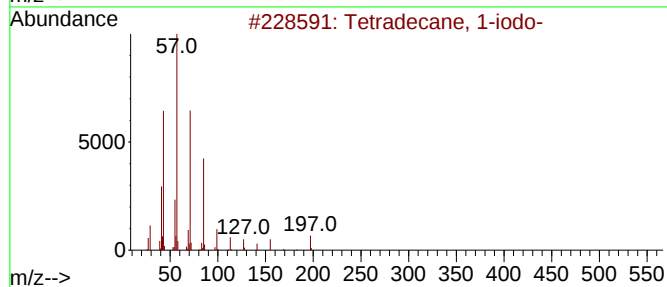
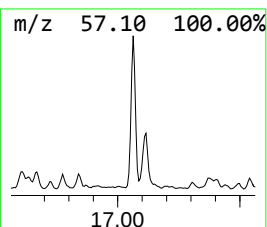
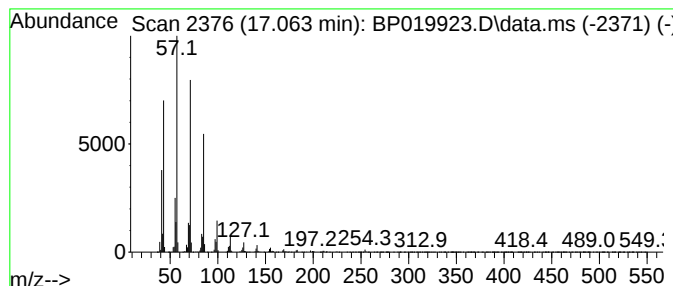
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 15 Tetradecane, 1-iodo- Concentration Rank 4

| R.T.   | EstConc  | Area    | Relative to ISTD | R.T.   |
|--------|----------|---------|------------------|--------|
| 17.063 | 27.99 ng | 1667750 | Phenanthrene-d10 | 17.304 |

| Hit# | of | 5 | Tentative ID         | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------|-----|---------|-------------|------|
| 1    |    |   | Tetradecane, 1-iodo- | 324 | C14H29I | 019218-94-1 | 90   |
| 2    |    |   | Nonadecane           | 268 | C19H40  | 000629-92-5 | 90   |
| 3    |    |   | Tridecane, 1-iodo-   | 310 | C13H27I | 035599-77-0 | 90   |
| 4    |    |   | Dodecane, 1-iodo-    | 296 | C12H25I | 004292-19-7 | 86   |
| 5    |    |   | Hexadecane           | 226 | C16H34  | 000544-76-3 | 86   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP022824\  
Data File : BP019923.D  
Acq On : 28 Feb 2024 18:53  
Operator : MA/JU  
Sample : P1611-01 2X  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
TR-05-022724

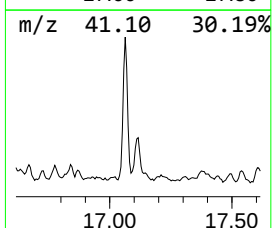
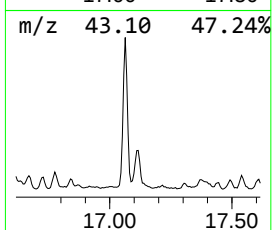
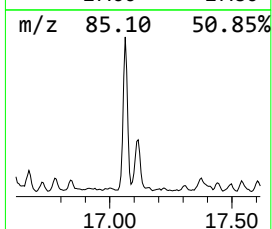
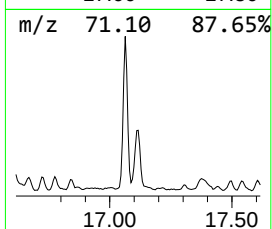
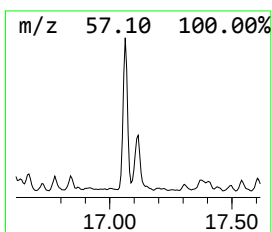
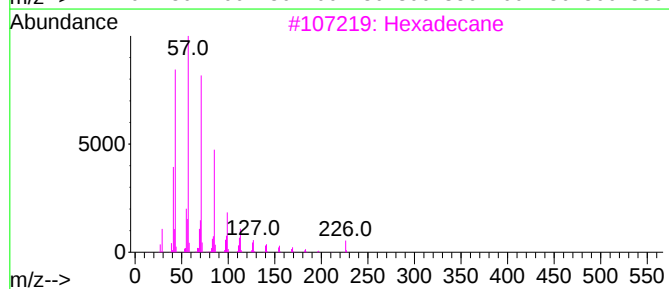
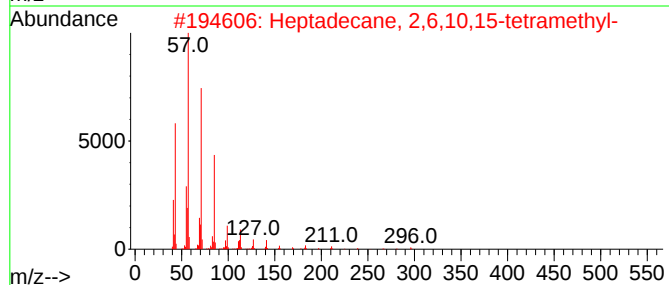
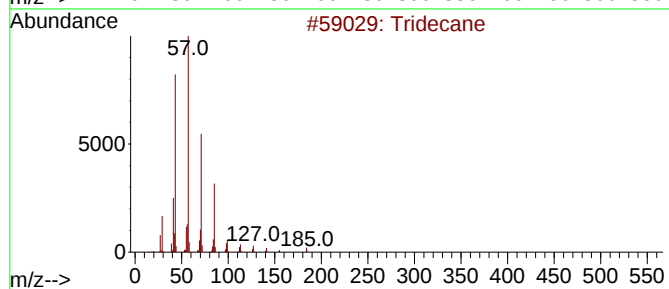
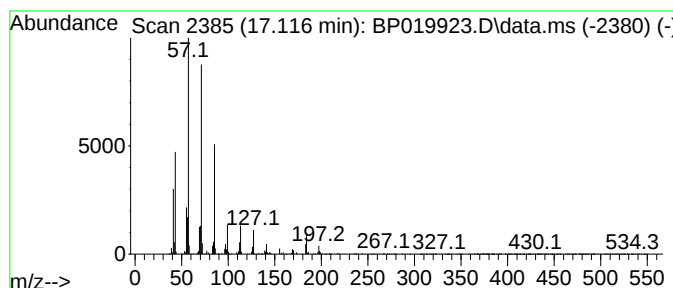
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 16 Heptadecane, 2,6,10,15-tetr... Concentration Rank 11

| R.T.      | EstConc                             | Area   | Relative to ISTD | R.T.        |      |
|-----------|-------------------------------------|--------|------------------|-------------|------|
| 17.116    | 16.12 ng                            | 960740 | Phenanthrene-d10 | 17.304      |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm          | CAS#        | Qual |
| 1         | Tridecane                           | 184    | C13H28           | 000629-50-5 | 94   |
| 2         | Heptadecane, 2,6,10,15-tetramethyl- | 296    | C21H44           | 054833-48-6 | 87   |
| 3         | Hexadecane                          | 226    | C16H34           | 000544-76-3 | 87   |
| 4         | Heptacosane                         | 380    | C27H56           | 000593-49-7 | 87   |
| 5         | Heneicosane                         | 296    | C21H44           | 000629-94-7 | 86   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP022824\  
Data File : BP019923.D  
Acq On : 28 Feb 2024 18:53  
Operator : MA/JU  
Sample : P1611-01 2X  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
TR-05-022724

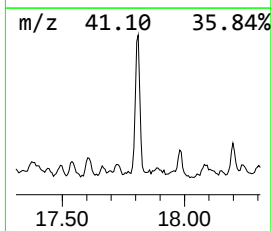
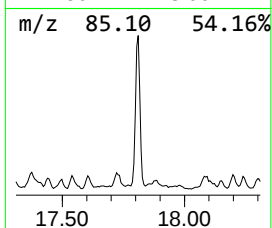
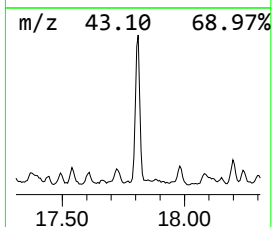
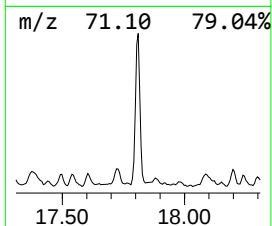
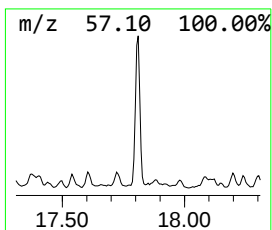
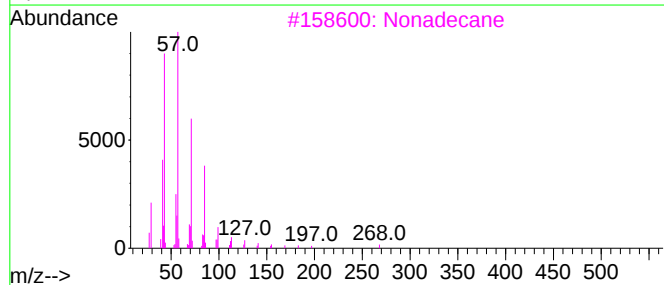
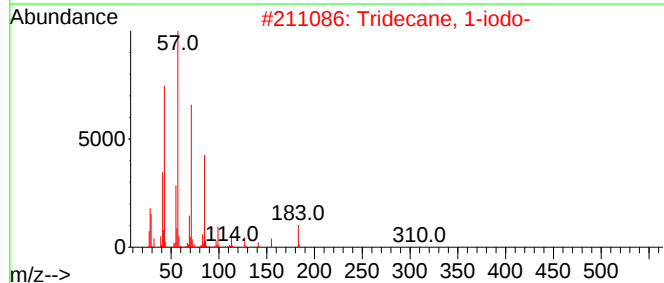
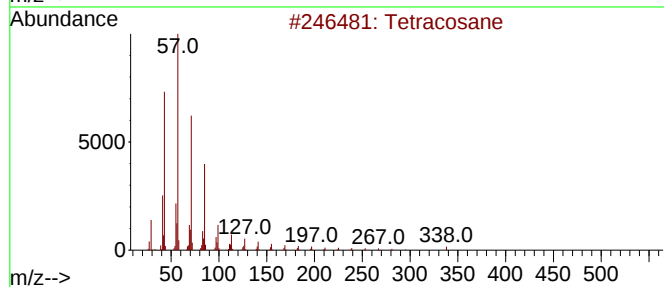
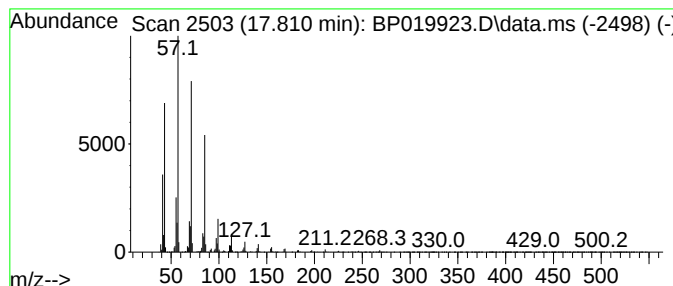
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 17 Tetracosane Concentration Rank 8

| R.T.   | EstConc  | Area    | Relative to ISTD | R.T.   |
|--------|----------|---------|------------------|--------|
| 17.810 | 23.02 ng | 1371560 | Phenanthrene-d10 | 17.304 |

| Hit# | of | 5 | Tentative ID         | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------|-----|---------|-------------|------|
| 1    |    |   | Tetracosane          | 338 | C24H50  | 000646-31-1 | 91   |
| 2    |    |   | Tridecane, 1-iodo-   | 310 | C13H27I | 035599-77-0 | 91   |
| 3    |    |   | Nonadecane           | 268 | C19H40  | 000629-92-5 | 90   |
| 4    |    |   | Dodecane, 1-iodo-    | 296 | C12H25I | 004292-19-7 | 90   |
| 5    |    |   | Tetradecane, 1-iodo- | 324 | C14H29I | 019218-94-1 | 90   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP022824\  
Data File : BP019923.D  
Acq On : 28 Feb 2024 18:53  
Operator : MA/JU  
Sample : P1611-01 2X  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

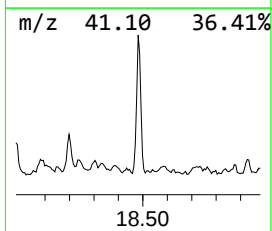
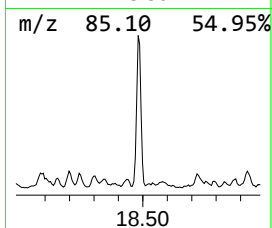
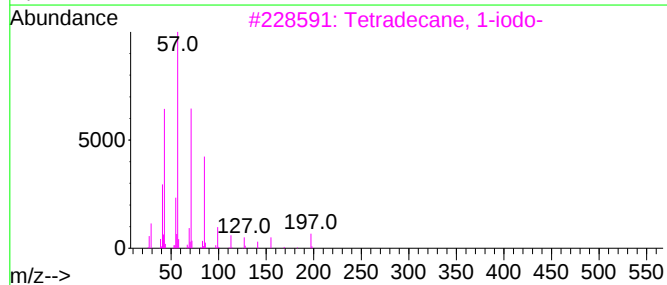
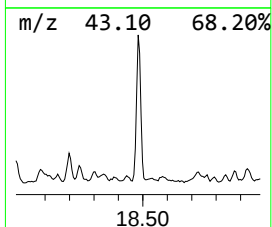
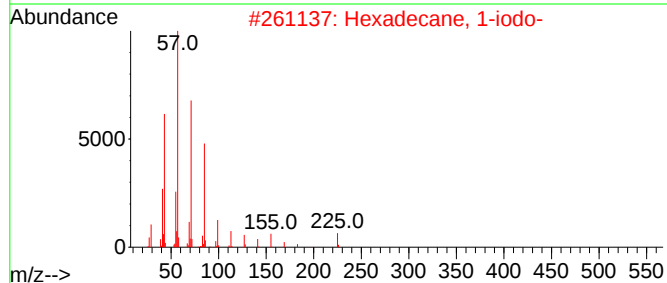
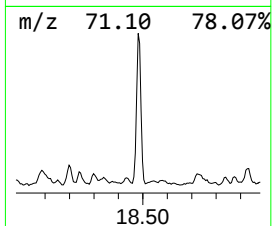
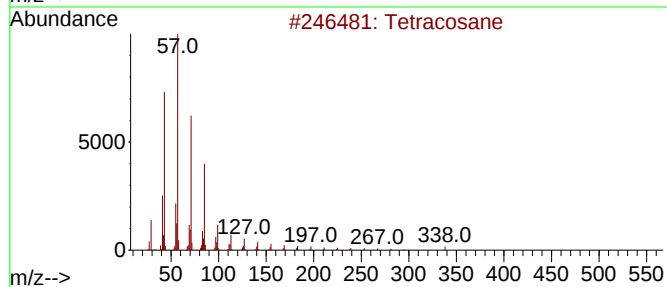
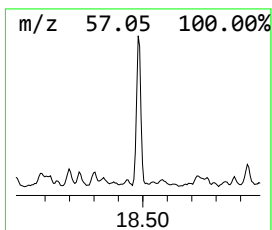
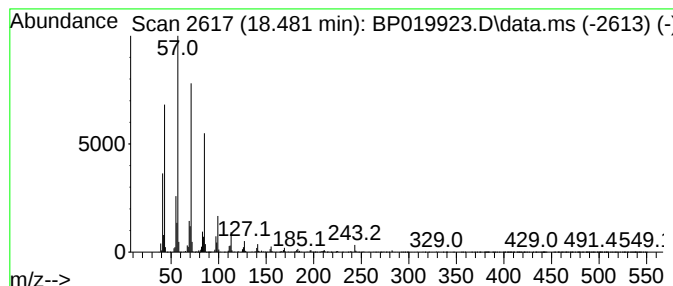
Instrument :  
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ClientSampleId :  
TR-05-022724

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP022624.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 18 Hexadecane, 1-iodo- Concentration Rank 9

| R.T.      | EstConc              | Area    | Relative to ISTD |         | R.T.        |      |
|-----------|----------------------|---------|------------------|---------|-------------|------|
| 18.481    | 19.71 ng             | 1174520 | Phenanthrene-d10 |         | 17.304      |      |
| Hit# of 5 | Tentative ID         |         | MW               | MolForm | CAS#        | Qual |
| 1         | Tetracosane          |         | 338              | C24H50  | 000646-31-1 | 91   |
| 2         | Hexadecane, 1-iodo-  |         | 352              | C16H33I | 000544-77-4 | 90   |
| 3         | Tetradecane, 1-iodo- |         | 324              | C14H29I | 019218-94-1 | 90   |
| 4         | Nonadecane           |         | 268              | C19H40  | 000629-92-5 | 90   |
| 5         | Heptacosane          |         | 380              | C27H56  | 000593-49-7 | 87   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP022824\  
Data File : BP019923.D  
Acq On : 28 Feb 2024 18:53  
Operator : MA/JU  
Sample : P1611-01 2X  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
TR-05-022724

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP022624.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

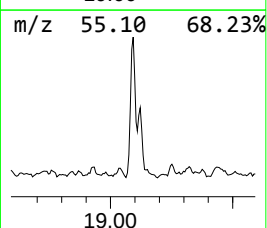
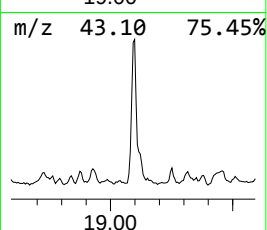
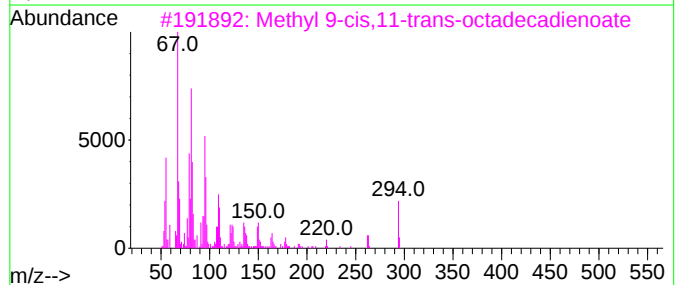
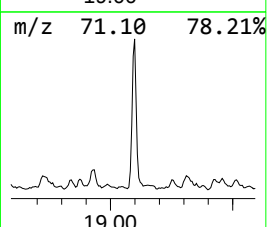
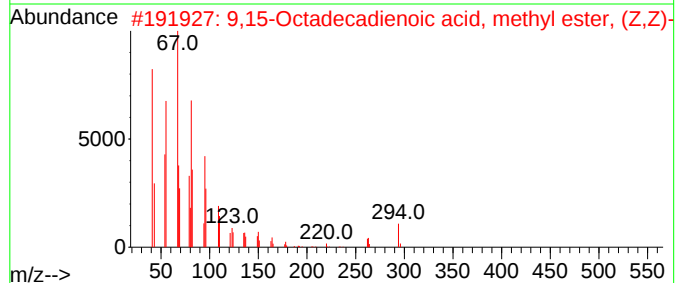
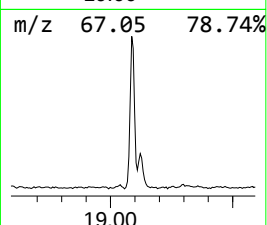
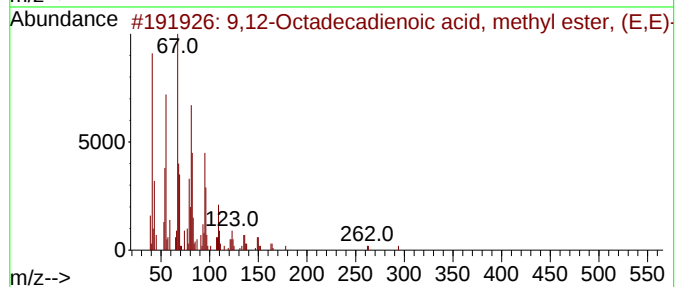
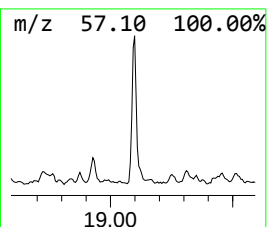
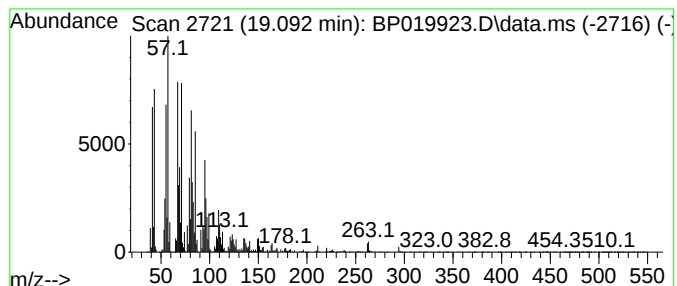
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 19 9,12-Octadecadienoic acid, ... Concentration Rank 3

| R.T.   | EstConc  | Area    | Relative to ISTD | R.T.   |
|--------|----------|---------|------------------|--------|
| 19.092 | 37.21 ng | 2217490 | Phenanthrene-d10 | 17.304 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | 9,12-Octadecadienoic acid, methy... | 294 | C19H34O2 | 002566-97-4 | 97   |
| 2    |    |   | 9,15-Octadecadienoic acid, methy... | 294 | C19H34O2 | 017309-05-6 | 97   |
| 3    |    |   | Methyl 9-cis,11-trans-octadecadi... | 294 | C19H34O2 | 013058-52-1 | 96   |
| 4    |    |   | 9,12-Octadecadienoic acid, methy... | 294 | C19H34O2 | 002462-85-3 | 96   |
| 5    |    |   | 11,14-Octadecadienoic acid, meth... | 294 | C19H34O2 | 056554-61-1 | 95   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP022824\  
Data File : BP019923.D  
Acq On : 28 Feb 2024 18:53  
Operator : MA/JU  
Sample : P1611-01 2X  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
TR-05-022724

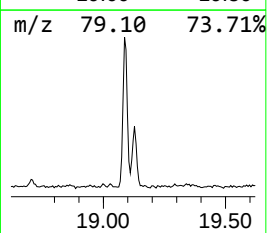
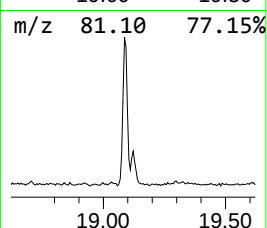
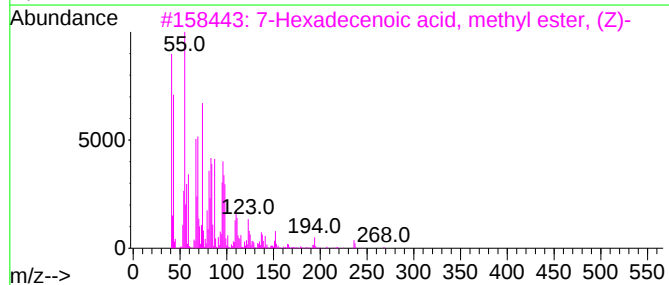
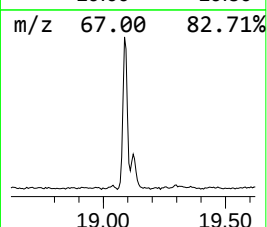
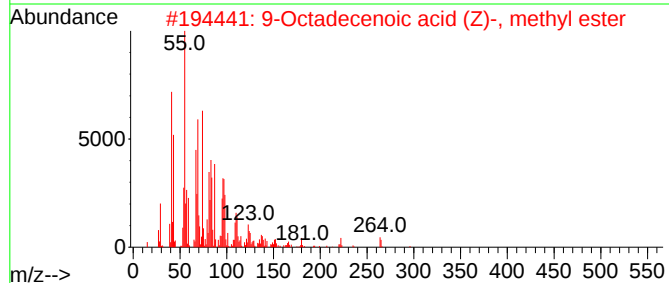
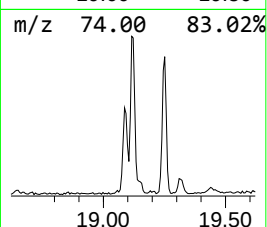
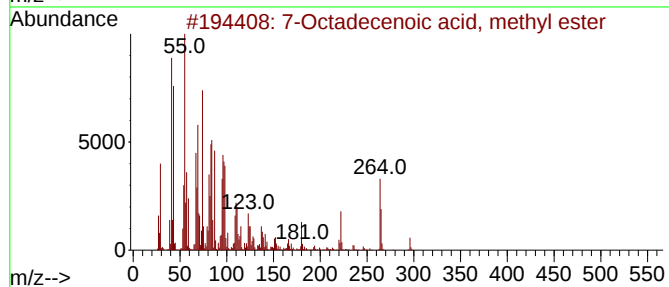
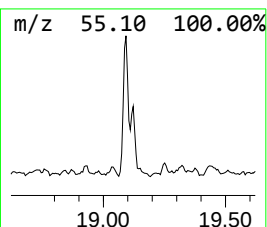
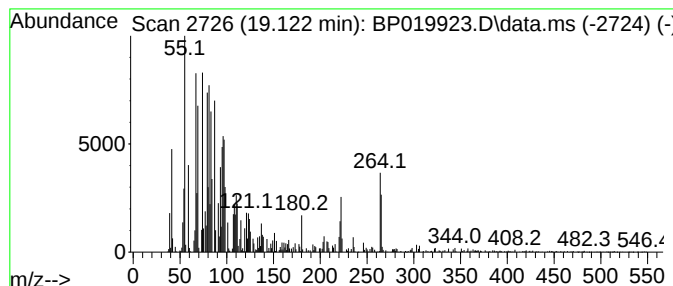
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 20 7-Octadecenoic acid, methyl... Concentration Rank 14

| R.T.      | EstConc                             | Area   | Relative to ISTD | R.T.        |      |
|-----------|-------------------------------------|--------|------------------|-------------|------|
| 19.122    | 12.97 ng                            | 773011 | Phenanthrene-d10 | 17.304      |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm          | CAS#        | Qual |
| 1         | 7-Octadecenoic acid, methyl ester   | 296    | C19H36O2         | 057396-98-2 | 64   |
| 2         | 9-Octadecenoic acid (Z)-, methyl... | 296    | C19H36O2         | 000112-62-9 | 51   |
| 3         | 7-Hexadecenoic acid, methyl este... | 268    | C17H32O2         | 056875-67-3 | 50   |
| 4         | 9-Octadecenoic acid, methyl ester   | 296    | C19H36O2         | 002462-84-2 | 49   |
| 5         | 11-Octadecenoic acid, methyl est... | 296    | C19H36O2         | 001937-63-9 | 49   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP022824\  
Data File : BP019923.D  
Acq On : 28 Feb 2024 18:53  
Operator : MA/JU  
Sample : P1611-01 2X  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
TR-05-022724

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP022624.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |         |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|---------|------|
|                    |        |         |       |          | #                     | RT     | Resp    | Conc |
| Naphthalene, de... | 9.593  | 9.9     | ng    | 460208   | 2                     | 10.693 | 933192  | 20.0 |
| 1H-Indene, 2,3-... | 10.087 | 11.1    | ng    | 518081   | 2                     | 10.693 | 933192  | 20.0 |
| Undecane, 2,6-d... | 10.846 | 10.3    | ng    | 479467   | 2                     | 10.693 | 933192  | 20.0 |
| 1H-Indene, 2,3-... | 11.605 | 13.4    | ng    | 626178   | 2                     | 10.693 | 933192  | 20.0 |
| Dodecane, 4,6-d... | 11.710 | 10.8    | ng    | 505325   | 2                     | 10.693 | 933192  | 20.0 |
| Naphthalene, 1,... | 11.887 | 16.2    | ng    | 756059   | 2                     | 10.693 | 933192  | 20.0 |
| Tridecane          | 12.116 | 43.3    | ng    | 2021840  | 2                     | 10.693 | 933192  | 20.0 |
| Naphthalene, 1,... | 12.610 | 13.8    | ng    | 643858   | 2                     | 10.693 | 933192  | 20.0 |
| Nonadecane         | 13.357 | 24.7    | ng    | 2042490  | 3                     | 14.540 | 1651790 | 20.0 |
| Tritetracontane    | 14.016 | 11.0    | ng    | 907554   | 3                     | 14.540 | 1651790 | 20.0 |
| Hexadecane         | 14.440 | 27.2    | ng    | 2247990  | 3                     | 14.540 | 1651790 | 20.0 |
| Dodecane, 2-met... | 15.393 | 24.7    | ng    | 2039920  | 3                     | 14.540 | 1651790 | 20.0 |
| Bacchotricuneat... | 15.804 | 10.7    | ng    | 885379   | 3                     | 14.540 | 1651790 | 20.0 |
| Heptadecane        | 16.263 | 48.4    | ng    | 2882940  | 4                     | 17.304 | 1191780 | 20.0 |
| Tetradecane, 1-... | 17.063 | 28.0    | ng    | 1667750  | 4                     | 17.304 | 1191780 | 20.0 |
| Heptadecane, 2,... | 17.116 | 16.1    | ng    | 960740   | 4                     | 17.304 | 1191780 | 20.0 |
| Tetracosane        | 17.810 | 23.0    | ng    | 1371560  | 4                     | 17.304 | 1191780 | 20.0 |
| Hexadecane, 1-i... | 18.481 | 19.7    | ng    | 1174520  | 4                     | 17.304 | 1191780 | 20.0 |
| 9,12-Octadecadi... | 19.092 | 37.2    | ng    | 2217490  | 4                     | 17.304 | 1191780 | 20.0 |
| 7-Octadecenoic ... | 19.122 | 13.0    | ng    | 773011   | 4                     | 17.304 | 1191780 | 20.0 |