

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP040821\  
 Data File : BP005244.D  
 Acq On : 08 Apr 2021 19:49  
 Operator : CG/JU  
 Sample : M1971-03  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 HR-03-040721

Integration Parameters: rteint.p

Integrator: RTE

Smoother: 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-BP032321.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP005244.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         | 5.287       | 369           | 374         | 382          | rVB      | 560269         | 825236        | 53.98%          | 4.251%        |
| 2         | 6.875       | 630           | 644         | 655          | rVB      | 513325         | 824659        | 53.94%          | 4.248%        |
| 3         | 7.311       | 712           | 718         | 727          | rVB      | 43412          | 65494         | 4.28%           | 0.337%        |
| 4         | 7.687       | 771           | 782         | 789          | rBV2     | 115108         | 216099        | 14.14%          | 1.113%        |
| 5         | 8.210       | 862           | 871         | 873          | rBV4     | 29762          | 61503         | 4.02%           | 0.317%        |
| 6         | 8.269       | 878           | 881         | 885          | rVB      | 28720          | 36747         | 2.40%           | 0.189%        |
| 7         | 8.334       | 885           | 892         | 897          | rBV4     | 47097          | 104031        | 6.80%           | 0.536%        |
| 8         | 8.446       | 904           | 911         | 914          | rBV      | 47865          | 70022         | 4.58%           | 0.361%        |
| 9         | 8.640       | 938           | 944         | 948          | rBV2     | 14597          | 30977         | 2.03%           | 0.160%        |
| 10        | 8.687       | 948           | 952         | 958          | rVB      | 19452          | 31962         | 2.09%           | 0.165%        |
| 11        | 8.757       | 958           | 964         | 965          | rBV2     | 19959          | 28575         | 1.87%           | 0.147%        |
| 12        | 8.787       | 965           | 969         | 973          | rVV2     | 57335          | 87564         | 5.73%           | 0.451%        |
| 13        | 8.846       | 973           | 979         | 985          | rVV      | 301483         | 527420        | 34.50%          | 2.717%        |
| 14        | 8.910       | 985           | 990         | 999          | rVB      | 369438         | 565749        | 37.01%          | 2.915%        |
| 15        | 8.993       | 999           | 1004        | 1006         | rBV3     | 29063          | 46827         | 3.06%           | 0.241%        |
| 16        | 9.034       | 1006          | 1011        | 1016         | rVB5     | 51615          | 107746        | 7.05%           | 0.555%        |
| 17        | 9.116       | 1016          | 1025        | 1026         | rBV5     | 28388          | 49621         | 3.25%           | 0.256%        |
| 18        | 9.263       | 1042          | 1050        | 1054         | rBV7     | 17654          | 34995         | 2.29%           | 0.180%        |
| 19        | 9.316       | 1054          | 1059        | 1064         | rBV3     | 49518          | 88997         | 5.82%           | 0.458%        |
| 20        | 9.369       | 1064          | 1068        | 1070         | rBV      | 39683          | 56552         | 3.70%           | 0.291%        |
| 21        | 9.563       | 1094          | 1101        | 1104         | rBV5     | 29544          | 61835         | 4.04%           | 0.319%        |
| 22        | 9.604       | 1104          | 1108        | 1113         | rVB2     | 46149          | 76444         | 5.00%           | 0.394%        |
| 23        | 9.652       | 1113          | 1116        | 1120         | rBV4     | 33759          | 56278         | 3.68%           | 0.290%        |
| 24        | 9.752       | 1131          | 1133        | 1138         | rVB2     | 64313          | 89556         | 5.86%           | 0.461%        |
| 25        | 9.822       | 1140          | 1145        | 1150         | rVV3     | 77838          | 126894        | 8.30%           | 0.654%        |
| 26        | 9.904       | 1150          | 1159        | 1163         | rVV4     | 98679          | 266133        | 17.41%          | 1.371%        |
| 27        | 9.940       | 1163          | 1165        | 1171         | rVB2     | 36940          | 49192         | 3.22%           | 0.253%        |
| 28        | 10.010      | 1172          | 1177        | 1180         | rBV      | 68036          | 100615        | 6.58%           | 0.518%        |
| 29        | 10.057      | 1182          | 1185        | 1190         | rVV3     | 37297          | 60304         | 3.94%           | 0.311%        |
| 30        | 10.110      | 1190          | 1194        | 1200         | rVB      | 47526          | 80360         | 5.26%           | 0.414%        |
| 31        | 10.181      | 1200          | 1206        | 1209         | rBV2     | 35922          | 69162         | 4.52%           | 0.356%        |
| 32        | 10.257      | 1215          | 1219        | 1224         | rBV5     | 23533          | 36341         | 2.38%           | 0.187%        |
| 33        | 10.334      | 1228          | 1232        | 1235         | rBV3     | 27068          | 45075         | 2.95%           | 0.232%        |
| 34        | 10.375      | 1235          | 1239        | 1245         | rVV4     | 34460          | 78035         | 5.10%           | 0.402%        |
| 35        | 10.452      | 1245          | 1252        | 1261         | rVV2     | 639215         | 1210069       | 79.15%          | 6.234%        |
| 36        | 10.593      | 1272          | 1276        | 1279         | rBV3     | 51108          | 79010         | 5.17%           | 0.407%        |

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 Sample : M1971-03  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 HR-03-040721

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-BP032321.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|    |        |      |      |      |      |        |         |        |        |
|----|--------|------|------|------|------|--------|---------|--------|--------|
| 37 | 10.640 | 1279 | 1284 | 1289 | rVB  | 193586 | 287015  | 18.77% | 1.479% |
| 38 | 10.699 | 1289 | 1294 | 1301 | rBV5 | 56794  | 112681  | 7.37%  | 0.580% |
| 39 | 10.763 | 1301 | 1305 | 1311 | rVB6 | 35333  | 65813   | 4.31%  | 0.339% |
| 40 | 10.881 | 1316 | 1325 | 1329 | rBV9 | 28843  | 92934   | 6.08%  | 0.479% |
| 41 | 10.957 | 1332 | 1338 | 1347 | rVB3 | 50652  | 130137  | 8.51%  | 0.670% |
| 42 | 11.057 | 1350 | 1355 | 1358 | rVB3 | 26095  | 39552   | 2.59%  | 0.204% |
| 43 | 11.140 | 1365 | 1369 | 1371 | rBV3 | 42622  | 66572   | 4.35%  | 0.343% |
| 44 | 11.175 | 1371 | 1375 | 1378 | rBV3 | 53535  | 66646   | 4.36%  | 0.343% |
| 45 | 11.240 | 1383 | 1386 | 1393 | rVB2 | 59020  | 101379  | 6.63%  | 0.522% |
| 46 | 11.316 | 1393 | 1399 | 1405 | rBV3 | 92844  | 164989  | 10.79% | 0.850% |
| 47 | 11.393 | 1406 | 1412 | 1419 | rVB3 | 126591 | 245410  | 16.05% | 1.264% |
| 48 | 11.504 | 1425 | 1431 | 1435 | rBV2 | 233387 | 393010  | 25.71% | 2.025% |
| 49 | 11.587 | 1443 | 1445 | 1451 | rVB4 | 36898  | 56455   | 3.69%  | 0.291% |
| 50 | 11.675 | 1455 | 1460 | 1467 | rVB3 | 98482  | 178219  | 11.66% | 0.918% |
| 51 | 11.763 | 1467 | 1475 | 1480 | rBV8 | 40607  | 91657   | 6.00%  | 0.472% |
| 52 | 11.910 | 1490 | 1500 | 1510 | rBV  | 670393 | 1085048 | 70.98% | 5.590% |
| 53 | 12.040 | 1518 | 1522 | 1527 | rVB3 | 78017  | 129556  | 8.47%  | 0.667% |
| 54 | 12.128 | 1531 | 1537 | 1545 | rVB5 | 80765  | 199965  | 13.08% | 1.030% |
| 55 | 12.357 | 1572 | 1576 | 1579 | rBV5 | 29254  | 47118   | 3.08%  | 0.243% |
| 56 | 12.404 | 1579 | 1584 | 1590 | rVB2 | 97040  | 154344  | 10.10% | 0.795% |
| 57 | 12.551 | 1602 | 1609 | 1613 | rBV4 | 72483  | 120582  | 7.89%  | 0.621% |
| 58 | 12.598 | 1613 | 1617 | 1624 | rVB3 | 64185  | 143905  | 9.41%  | 0.741% |
| 59 | 12.663 | 1624 | 1628 | 1635 | rBV5 | 61680  | 109908  | 7.19%  | 0.566% |
| 60 | 12.728 | 1635 | 1639 | 1644 | rVB3 | 81227  | 123139  | 8.05%  | 0.634% |
| 61 | 12.822 | 1651 | 1655 | 1659 | rBV2 | 84173  | 136709  | 8.94%  | 0.704% |
| 62 | 12.875 | 1659 | 1664 | 1670 | rVV3 | 215328 | 328373  | 21.48% | 1.692% |
| 63 | 12.963 | 1673 | 1679 | 1688 | rVB  | 704018 | 1018018 | 66.59% | 5.244% |
| 64 | 13.169 | 1706 | 1714 | 1721 | rBV  | 534537 | 812486  | 53.15% | 4.186% |
| 65 | 13.257 | 1726 | 1729 | 1731 | rBV2 | 28808  | 38517   | 2.52%  | 0.198% |
| 66 | 13.334 | 1738 | 1742 | 1746 | rVB4 | 49327  | 71579   | 4.68%  | 0.369% |
| 67 | 13.498 | 1765 | 1770 | 1777 | rBV6 | 22898  | 59256   | 3.88%  | 0.305% |
| 68 | 13.804 | 1818 | 1822 | 1823 | rBV2 | 79519  | 87358   | 5.71%  | 0.450% |
| 69 | 13.828 | 1823 | 1826 | 1830 | rVV  | 150452 | 211033  | 13.80% | 1.087% |
| 70 | 13.869 | 1830 | 1833 | 1840 | rVV3 | 76172  | 118946  | 7.78%  | 0.613% |
| 71 | 13.945 | 1844 | 1846 | 1851 | rVB  | 45240  | 58447   | 3.82%  | 0.301% |
| 72 | 13.998 | 1851 | 1855 | 1860 | rBV7 | 16038  | 29780   | 1.95%  | 0.153% |
| 73 | 14.251 | 1892 | 1898 | 1903 | rBV  | 357230 | 449859  | 29.43% | 2.318% |
| 74 | 14.345 | 1905 | 1914 | 1921 | rVB2 | 209489 | 385208  | 25.20% | 1.984% |
| 75 | 14.698 | 1969 | 1974 | 1975 | rBV3 | 23061  | 32728   | 2.14%  | 0.169% |
| 76 | 14.751 | 1980 | 1983 | 1989 | rVB5 | 31242  | 46963   | 3.07%  | 0.242% |

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 Sample : M1971-03  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 HR-03-040721

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-BP032321.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|     |        |      |      |      |      |         |         |         |        |
|-----|--------|------|------|------|------|---------|---------|---------|--------|
| 77  | 14.875 | 2000 | 2004 | 2013 | rVB6 | 51245   | 82892   | 5.42%   | 0.427% |
| 78  | 15.210 | 2056 | 2061 | 2065 | rVB  | 165477  | 204182  | 13.36%  | 1.052% |
| 79  | 15.298 | 2074 | 2076 | 2088 | rVB  | 14396   | 38546   | 2.52%   | 0.199% |
| 80  | 15.616 | 2123 | 2130 | 2135 | rVB2 | 39250   | 69273   | 4.53%   | 0.357% |
| 81  | 15.851 | 2162 | 2170 | 2177 | rVB  | 528663  | 756539  | 49.49%  | 3.897% |
| 82  | 16.075 | 2204 | 2208 | 2216 | rBV  | 84819   | 142605  | 9.33%   | 0.735% |
| 83  | 16.875 | 2338 | 2344 | 2348 | rBV  | 37533   | 51292   | 3.36%   | 0.264% |
| 84  | 16.922 | 2348 | 2352 | 2363 | rVB3 | 18841   | 34188   | 2.24%   | 0.176% |
| 85  | 17.110 | 2378 | 2384 | 2389 | rBV  | 249621  | 340383  | 22.27%  | 1.754% |
| 86  | 17.616 | 2466 | 2470 | 2475 | rBV  | 24411   | 29510   | 1.93%   | 0.152% |
| 87  | 18.016 | 2528 | 2538 | 2547 | rBV  | 90866   | 159573  | 10.44%  | 0.822% |
| 88  | 18.910 | 2687 | 2690 | 2697 | rVB3 | 30058   | 41952   | 2.74%   | 0.216% |
| 89  | 19.133 | 2723 | 2728 | 2732 | rBV3 | 18681   | 34662   | 2.27%   | 0.179% |
| 90  | 19.251 | 2744 | 2748 | 2752 | rBV5 | 31875   | 47528   | 3.11%   | 0.245% |
| 91  | 19.469 | 2782 | 2785 | 2789 | rBV2 | 39832   | 50106   | 3.28%   | 0.258% |
| 92  | 19.686 | 2817 | 2822 | 2828 | rBV  | 1242086 | 1528751 | 100.00% | 7.876% |
| 93  | 19.986 | 2871 | 2873 | 2878 | rVB  | 39343   | 44407   | 2.90%   | 0.229% |
| 94  | 20.469 | 2952 | 2955 | 2961 | rBV  | 41446   | 53350   | 3.49%   | 0.275% |
| 95  | 20.927 | 3029 | 3033 | 3040 | rVV2 | 222420  | 304795  | 19.94%  | 1.570% |
| 96  | 20.992 | 3041 | 3044 | 3051 | rVB  | 82239   | 98898   | 6.47%   | 0.509% |
| 97  | 21.210 | 3077 | 3081 | 3085 | rBV  | 305449  | 379374  | 24.82%  | 1.954% |
| 98  | 21.351 | 3103 | 3105 | 3110 | rVB2 | 43441   | 46352   | 3.03%   | 0.239% |
| 99  | 21.792 | 3178 | 3180 | 3182 | rBV  | 39001   | 37095   | 2.43%   | 0.191% |
| 100 | 23.492 | 3464 | 3469 | 3476 | rVB  | 216704  | 397753  | 26.02%  | 2.049% |

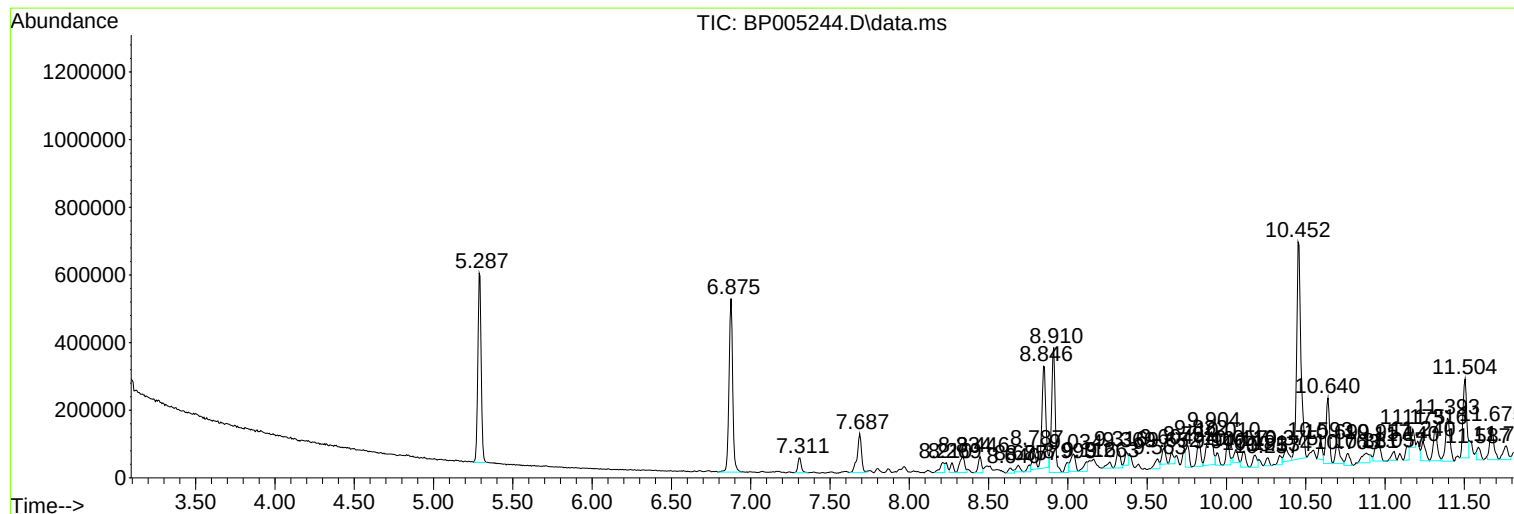
Sum of corrected areas: 19411379

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP040821\  
Data File : BP005244.D  
Acq On : 08 Apr 2021 19:49  
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Sample : M1971-03  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
HR-03-040721

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP032321.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP040821\  
Data File : BP005244.D  
Acq On : 08 Apr 2021 19:49  
Operator : CG/JU  
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Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
HR-03-040721

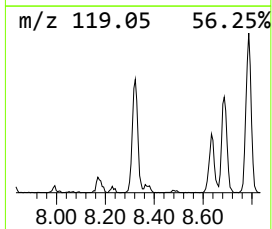
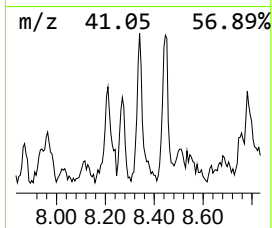
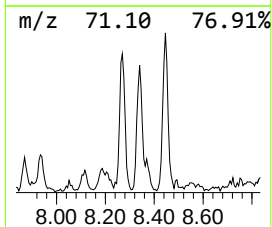
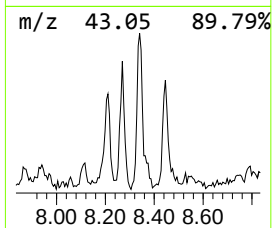
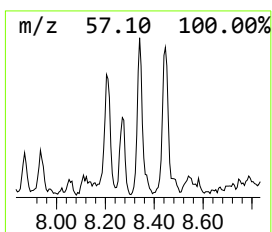
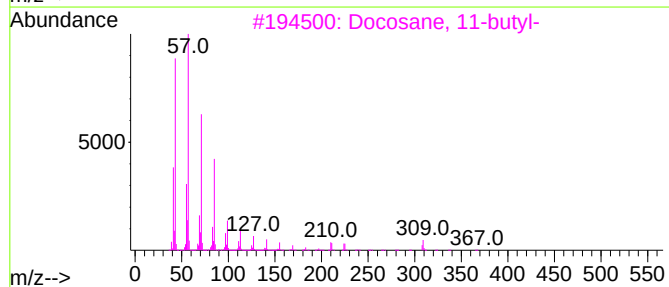
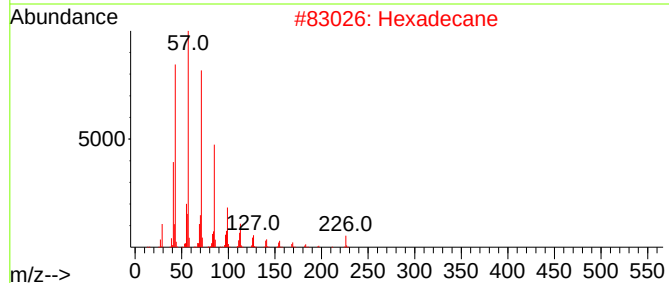
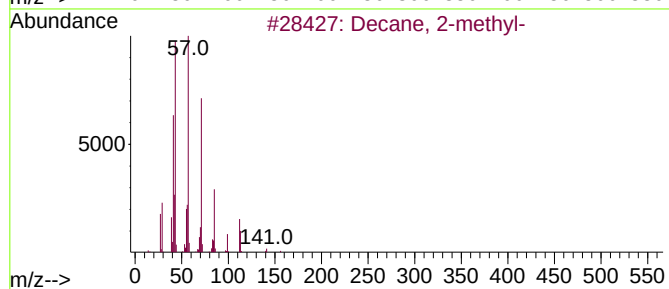
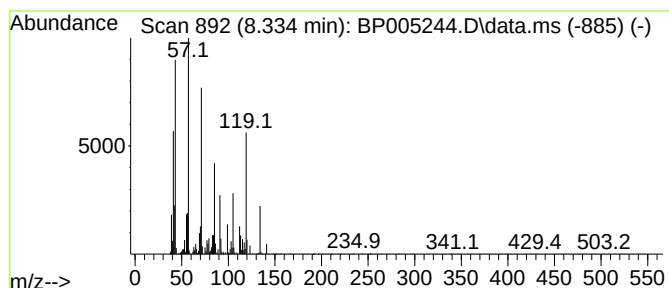
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP032321.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 1 Decane, 2-methyl- Concentration Rank 10

| R.T.  | EstConc | Area   | Relative to ISTD       | R.T.  |
|-------|---------|--------|------------------------|-------|
| 8.334 | 9.63 ng | 104031 | 1,4-Dichlorobenzene-d4 | 7.687 |

| Hit# | of 5 | Tentative ID              | MW  | MolForm | CAS#        | Qual |
|------|------|---------------------------|-----|---------|-------------|------|
| 1    |      | Decane, 2-methyl-         | 156 | C11H24  | 006975-98-0 | 60   |
| 2    |      | Hexadecane                | 226 | C16H34  | 000544-76-3 | 60   |
| 3    |      | Docosane, 11-butyl-       | 366 | C26H54  | 013475-76-8 | 60   |
| 4    |      | Heptadecane, 9-octyl-     | 352 | C25H52  | 007225-64-1 | 55   |
| 5    |      | Octadecane, 5,14-dibutyl- | 366 | C26H54  | 055282-13-8 | 45   |



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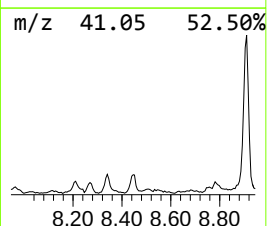
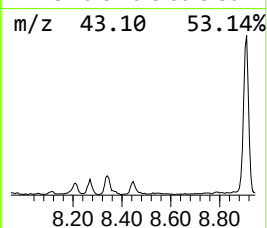
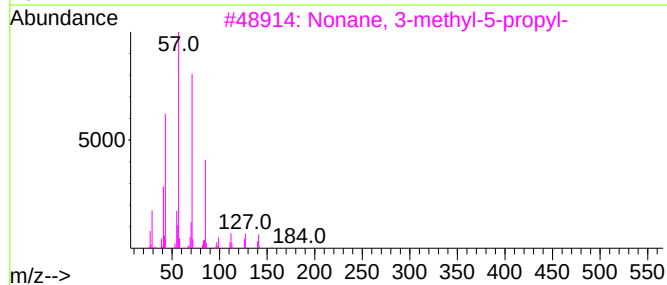
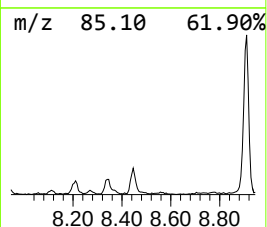
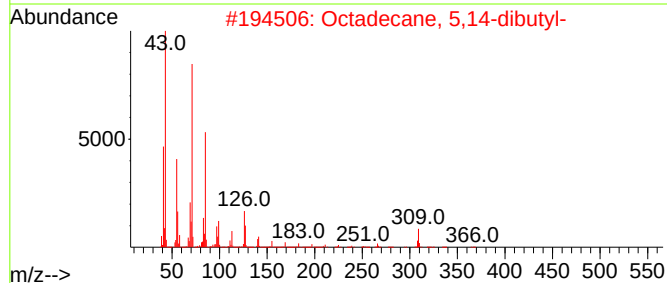
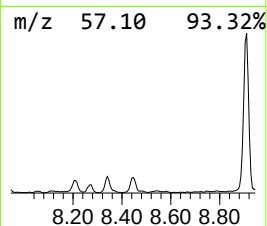
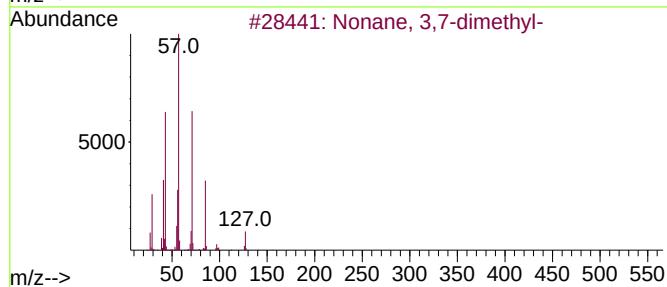
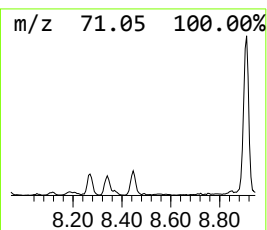
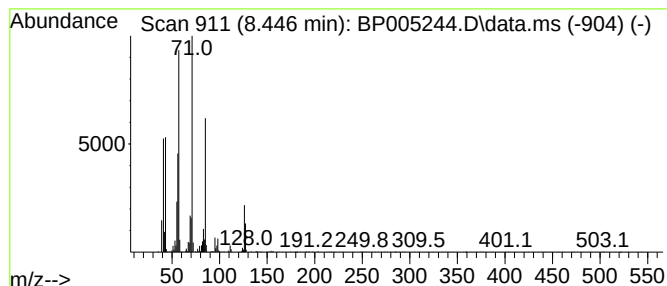
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP032321.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 2 Nonane, 3,7-dimethyl- Concentration Rank 17

| R.T.  | EstConc | Area  | Relative to ISTD       | R.T.  |
|-------|---------|-------|------------------------|-------|
| 8.446 | 6.48 ng | 70022 | 1,4-Dichlorobenzene-d4 | 7.687 |

| Hit# | of 5 | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|------|-----------------------------|-----|---------|-------------|------|
| 1    |      | Nonane, 3,7-dimethyl-       | 156 | C11H24  | 017302-32-8 | 64   |
| 2    |      | Octadecane, 5,14-dibutyl-   | 366 | C26H54  | 055282-13-8 | 64   |
| 3    |      | Nonane, 3-methyl-5-propyl-  | 184 | C13H28  | 031081-18-2 | 59   |
| 4    |      | Dodecane, 2,6,11-trimethyl- | 212 | C15H32  | 031295-56-4 | 50   |
| 5    |      | Undecane, 6-ethyl-          | 184 | C13H28  | 017312-60-6 | 43   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP040821\  
Data File : BP005244.D  
Acq On : 08 Apr 2021 19:49  
Operator : CG/JU  
Sample : M1971-03  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
HR-03-040721

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

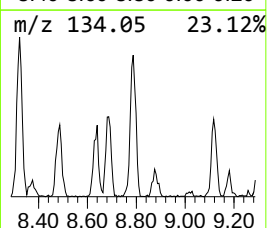
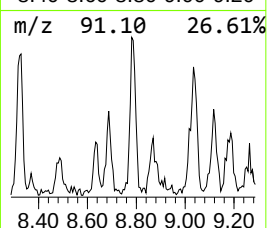
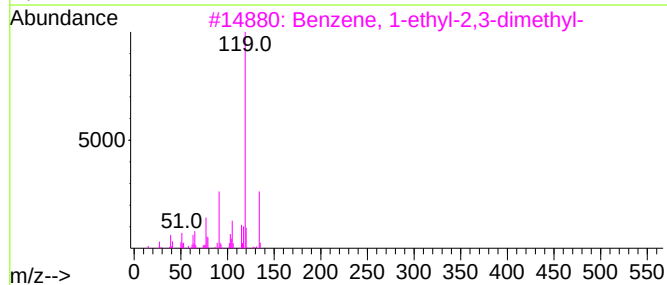
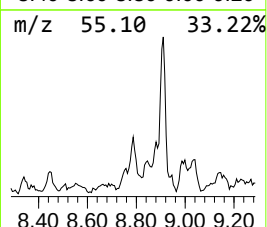
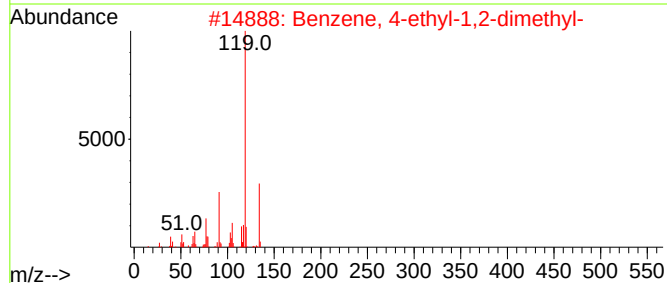
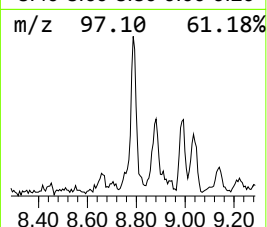
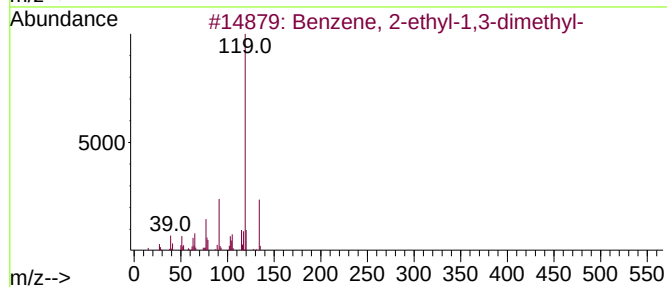
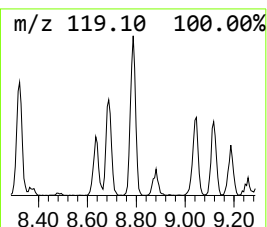
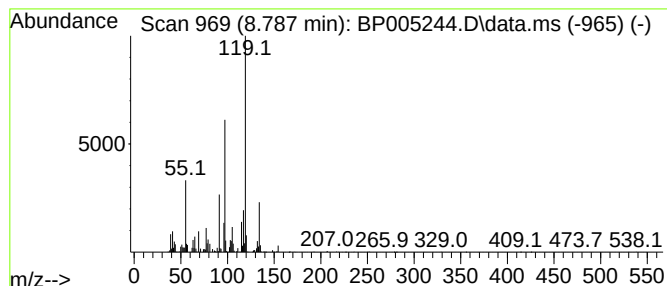
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TIC Integration Parameters: LSCINT.P

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Peak Number 3 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 13

| R.T.  | EstConc | Area  | Relative to ISTD       | R.T.  |
|-------|---------|-------|------------------------|-------|
| 8.787 | 8.10 ng | 87564 | 1,4-Dichlorobenzene-d4 | 7.687 |

| Hit# | of | 5 | Tentative ID                   | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 2-ethyl-1,3-dimethyl- | 134 | C10H14  | 002870-04-4 | 90   |
| 2    |    |   | Benzene, 4-ethyl-1,2-dimethyl- | 134 | C10H14  | 000934-80-5 | 90   |
| 3    |    |   | Benzene, 1-ethyl-2,3-dimethyl- | 134 | C10H14  | 000933-98-2 | 90   |
| 4    |    |   | p-Cymene                       | 134 | C10H14  | 000099-87-6 | 64   |
| 5    |    |   | Benzene, 2-ethyl-1,4-dimethyl- | 134 | C10H14  | 001758-88-9 | 60   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP040821\  
Data File : BP005244.D  
Acq On : 08 Apr 2021 19:49  
Operator : CG/JU  
Sample : M1971-03  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
HR-03-040721

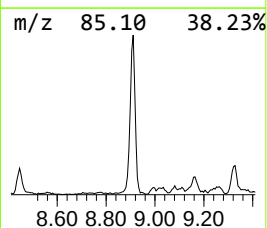
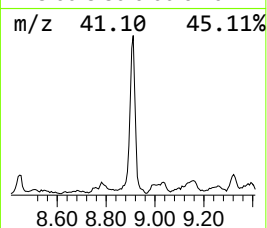
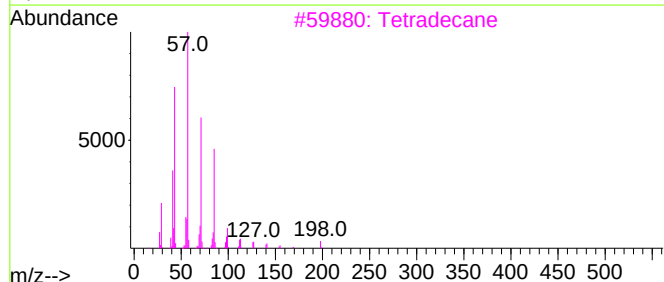
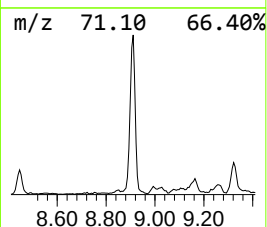
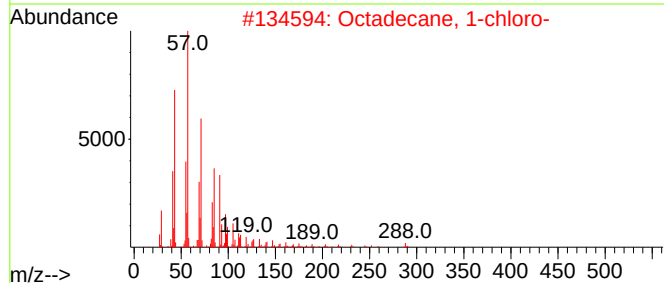
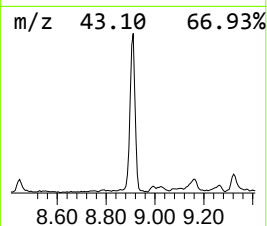
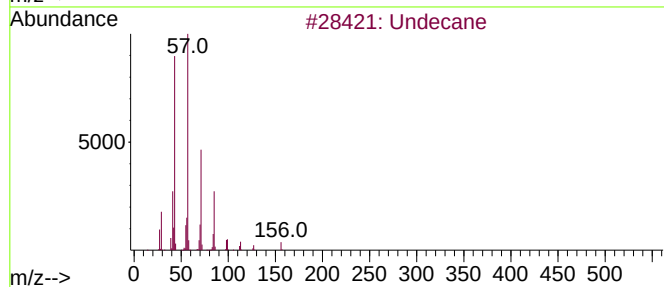
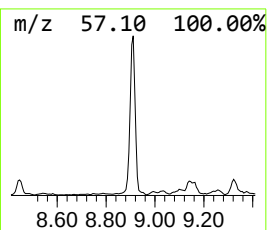
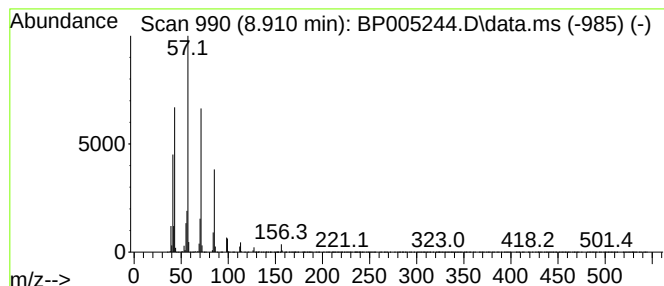
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 4 Undecane Concentration Rank 1

| R.T.  | EstConc  | Area   | Relative to ISTD       | R.T.  |
|-------|----------|--------|------------------------|-------|
| 8.910 | 52.36 ng | 565749 | 1,4-Dichlorobenzene-d4 | 7.687 |

| Hit# | of                                | 5 | Tentative ID | MW  | MolForm   | CAS#         | Qual |
|------|-----------------------------------|---|--------------|-----|-----------|--------------|------|
| 1    | Undecane                          |   |              | 156 | C11H24    | 001120-21-4  | 87   |
| 2    | Octadecane, 1-chloro-             |   |              | 288 | C18H37Cl  | 003386-33-2  | 83   |
| 3    | Tetradecane                       |   |              | 198 | C14H30    | 000629-59-4  | 78   |
| 4    | Decane                            |   |              | 142 | C10H22    | 000124-18-5  | 72   |
| 5    | Sulfurous acid, 2-propyl tetra... |   |              | 320 | C17H36O3S | 1000309-12-5 | 64   |





Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP040821\  
Data File : BP005244.D  
Acq On : 08 Apr 2021 19:49  
Operator : CG/JU  
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Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
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ClientSampleId :  
HR-03-040721

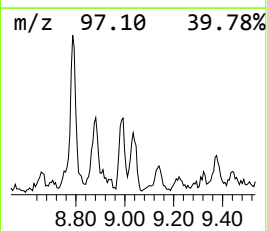
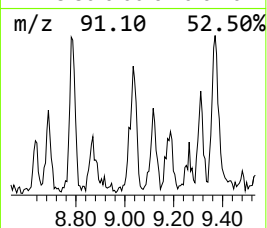
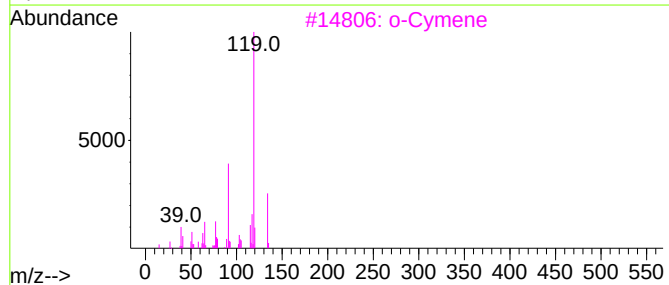
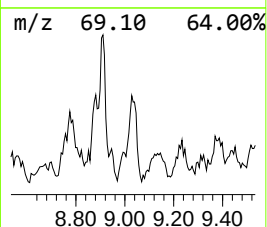
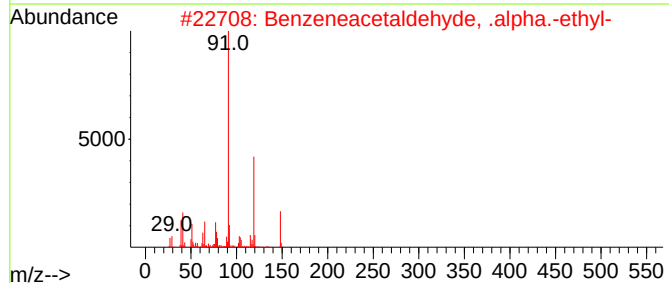
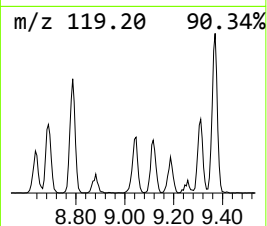
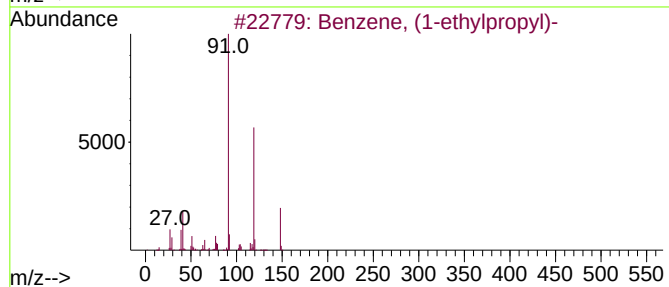
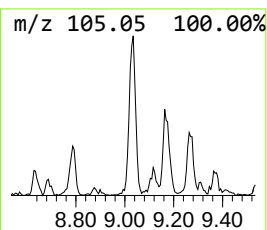
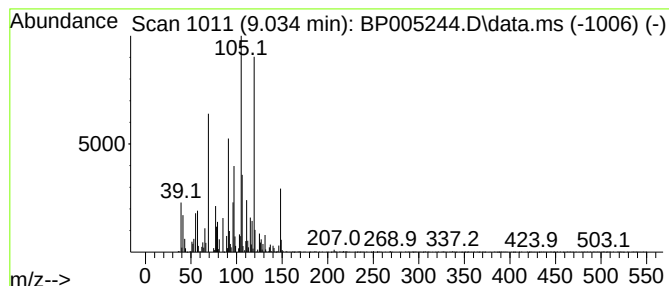
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 5 unknown9.034 Concentration Rank 9

| R.T.  | EstConc | Area   | Relative to ISTD       | R.T.  |
|-------|---------|--------|------------------------|-------|
| 9.034 | 9.97 ng | 107746 | 1,4-Dichlorobenzene-d4 | 7.687 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, (1-ethylpropyl)-           | 148 | C11H16  | 001196-58-3 | 43   |
| 2    |    |   | Benzeneacetaldehyde, .alpha.-ethyl- | 148 | C10H12O | 002439-43-2 | 43   |
| 3    |    |   | o-Cymene                            | 134 | C10H14  | 000527-84-4 | 38   |
| 4    |    |   | 4-Aminostyrene                      | 119 | C8H9N   | 001520-21-4 | 38   |
| 5    |    |   | 2-Ethyl-2-methyl-1,3-dithiolane     | 148 | C6H12S2 | 006008-81-7 | 38   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP040821\  
Data File : BP005244.D  
Acq On : 08 Apr 2021 19:49  
Operator : CG/JU  
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ALS Vial : 13 Sample Multiplier: 1

Instrument :  
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ClientSampleId :  
HR-03-040721

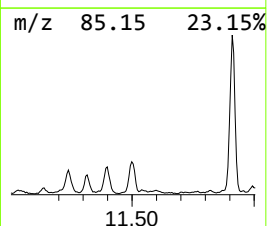
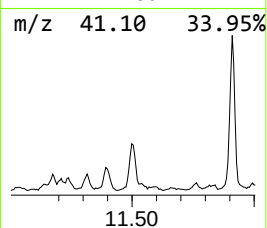
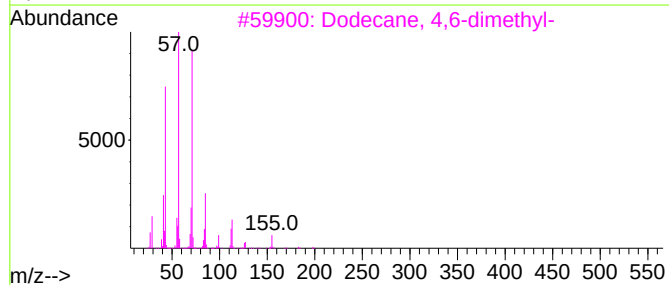
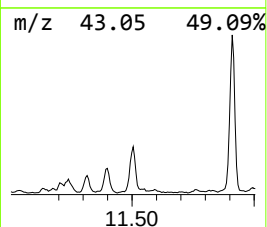
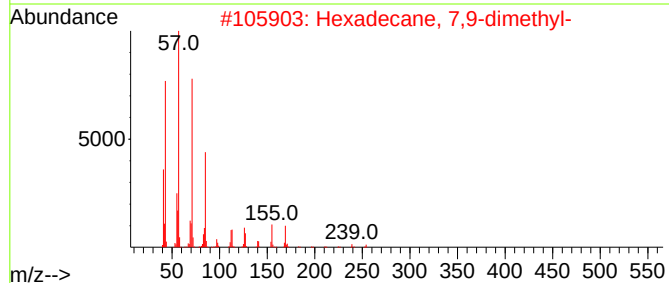
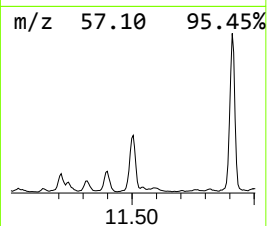
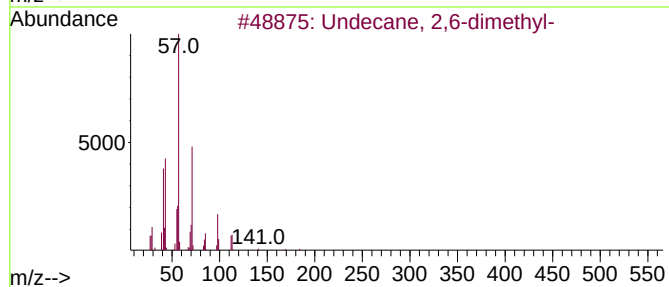
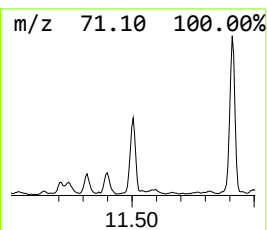
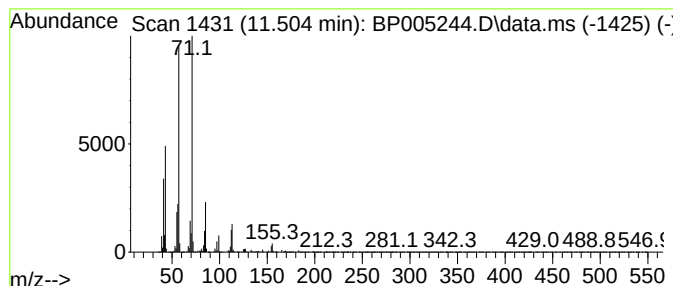
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 6 Undecane, 2,6-dimethyl- Concentration Rank 16

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 11.504 | 6.50 ng | 393010 | Naphthalene-d8   | 10.475 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | Undecane, 2,6-dimethyl-             | 184 | C13H28    | 017301-23-4  | 87   |
| 2    |    |   | Hexadecane, 7,9-dimethyl-           | 254 | C18H38    | 021164-95-4  | 83   |
| 3    |    |   | Dodecane, 4,6-dimethyl-             | 198 | C14H30    | 061141-72-8  | 80   |
| 4    |    |   | Dodecane, 2,6,11-trimethyl-         | 212 | C15H32    | 031295-56-4  | 72   |
| 5    |    |   | Sulfurous acid, 2-ethylhexyl und... | 348 | C19H40O3S | 1000309-19-4 | 64   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP040821\  
Data File : BP005244.D  
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Operator : CG/JU  
Sample : M1971-03  
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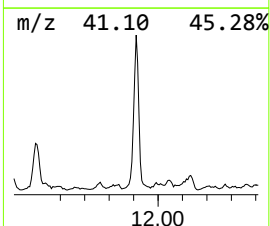
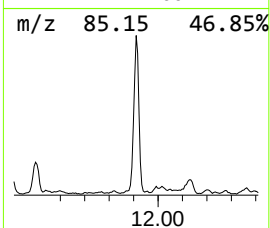
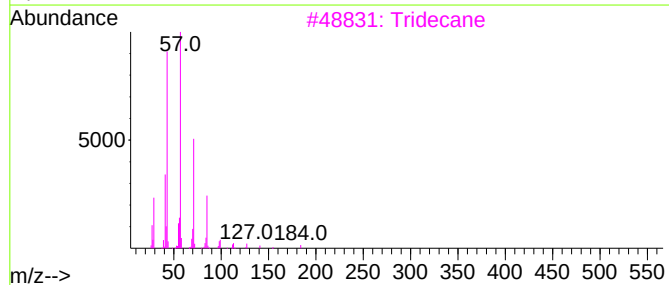
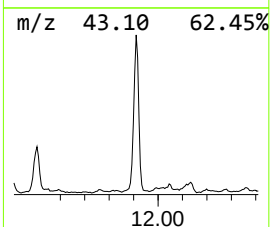
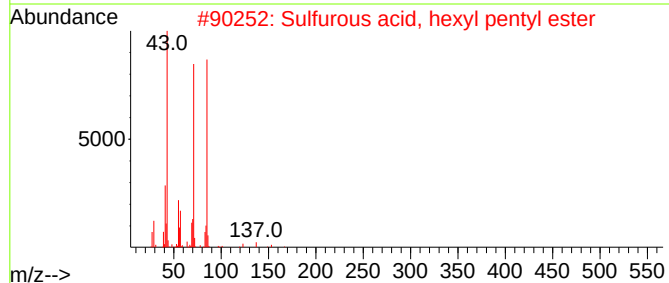
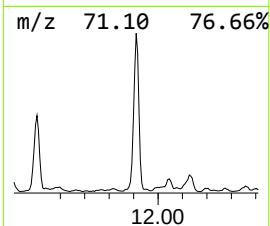
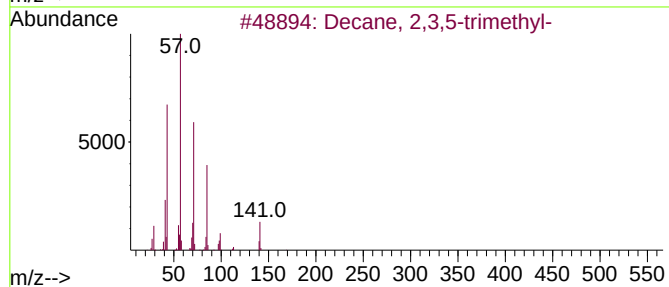
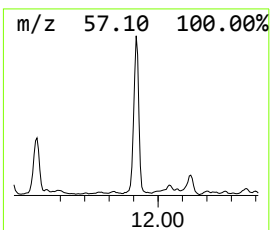
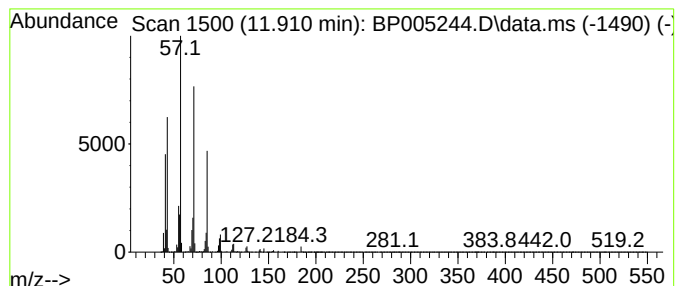
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 7 Decane, 2,3,5-trimethyl- Concentration Rank 4

| R.T.      | EstConc                            | Area    | Relative to ISTD | R.T.         |      |
|-----------|------------------------------------|---------|------------------|--------------|------|
| 11.910    | 17.93 ng                           | 1085050 | Naphthalene-d8   | 10.475       |      |
| Hit# of 5 | Tentative ID                       | MW      | MolForm          | CAS#         | Qual |
| 1         | Decane, 2,3,5-trimethyl-           | 184     | C13H28           | 062238-11-3  | 90   |
| 2         | Sulfurous acid, hexyl pentyl ester | 236     | C11H24O3S        | 1000309-14-1 | 64   |
| 3         | Tridecane                          | 184     | C13H28           | 000629-50-5  | 60   |
| 4         | Heptane, 3-ethyl-5-methyl-         | 142     | C10H22           | 052896-90-9  | 52   |
| 5         | 1-Decene, 4-methyl-                | 154     | C11H22           | 013151-29-6  | 52   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP040821\  
Data File : BP005244.D  
Acq On : 08 Apr 2021 19:49  
Operator : CG/JU  
Sample : M1971-03  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
HR-03-040721

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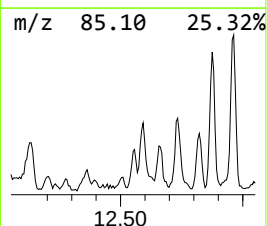
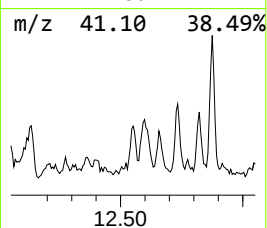
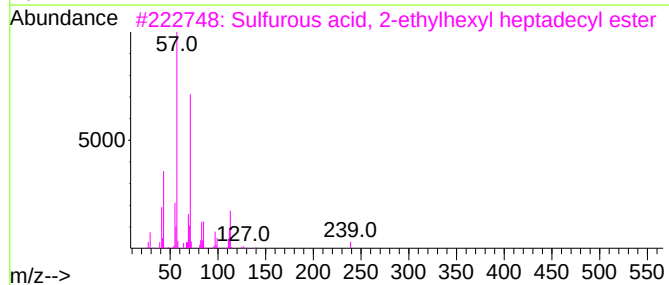
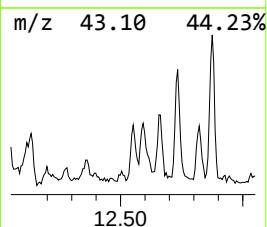
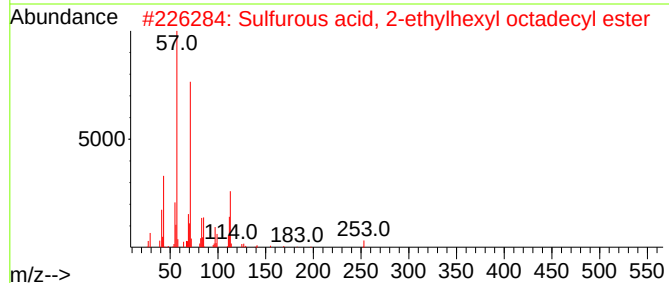
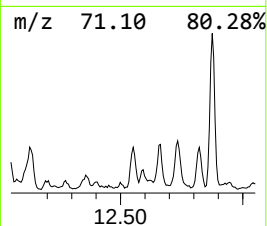
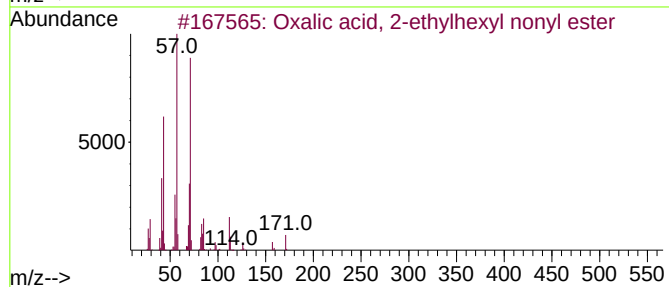
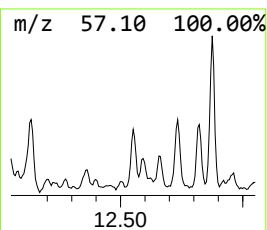
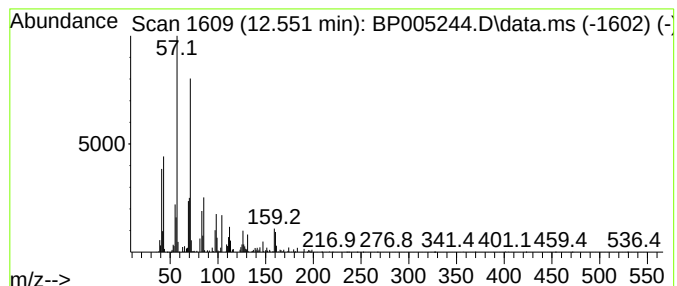
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TIC Integration Parameters: LSCINT.P

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Peak Number 8 Oxalic acid, 2-ethylhexyl n... Concentration Rank 19

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 12.551 | 6.26 ng | 120582 | Acenaphthene-d10 | 14.351 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | Oxalic acid, 2-ethylhexyl nonyl ... | 328 | C19H36O4  | 1000309-39-2 | 50   |
| 2    |    |   | Sulfurous acid, 2-ethylhexyl oct... | 446 | C26H54O3S | 1000309-20-1 | 50   |
| 3    |    |   | Sulfurous acid, 2-ethylhexyl hep... | 432 | C25H52O3S | 1000309-20-0 | 50   |
| 4    |    |   | Sulfurous acid, 2-ethylhexyl tet... | 390 | C22H46O3S | 1000309-19-7 | 50   |
| 5    |    |   | Decane, 2-methyl-                   | 156 | C11H24    | 006975-98-0  | 47   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP040821\  
Data File : BP005244.D  
Acq On : 08 Apr 2021 19:49  
Operator : CG/JU  
Sample : M1971-03  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
HR-03-040721

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

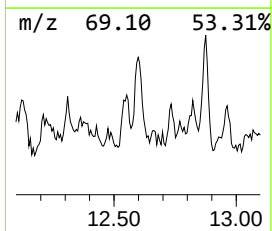
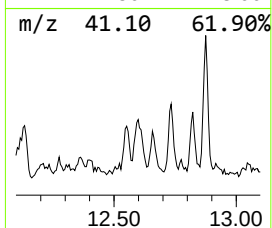
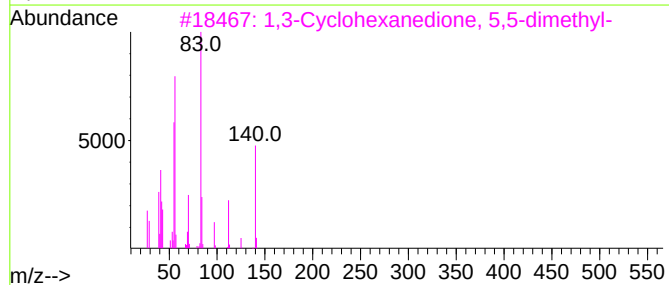
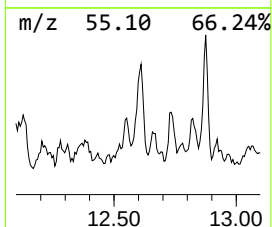
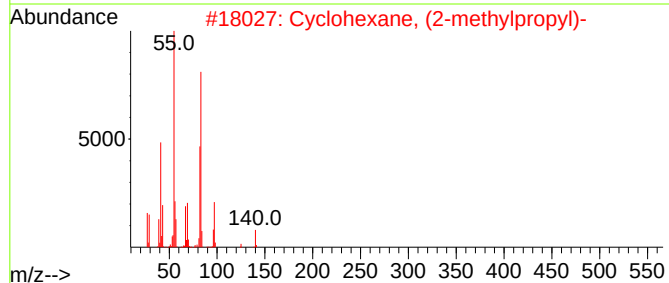
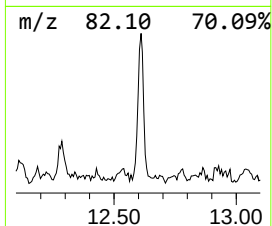
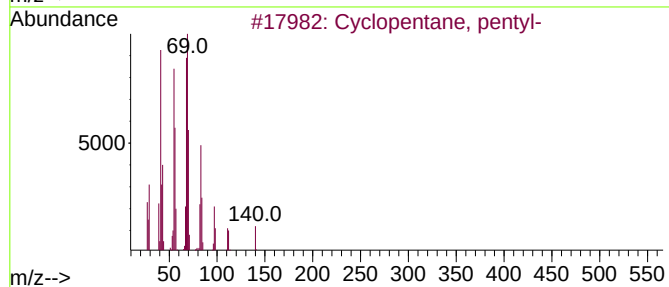
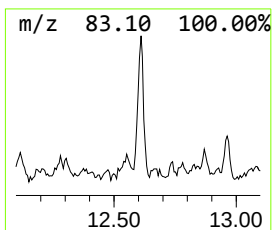
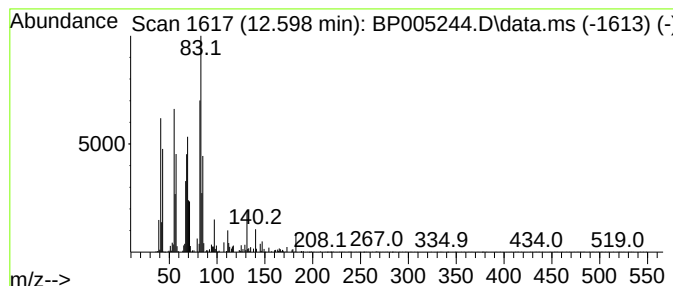
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TIC Integration Parameters: LSCINT.P

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Peak Number 9 unknown12.599 Concentration Rank 14

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 12.599 | 7.47 ng | 143905 | Acenaphthene-d10 | 14.351 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Cyclopentane, pentyl-               | 140 | C10H20  | 003741-00-2 | 38   |
| 2    |    |   | Cyclohexane, (2-methylpropyl)-      | 140 | C10H20  | 001678-98-4 | 38   |
| 3    |    |   | 1,3-Cyclohexanedione, 5,5-dimethyl- | 140 | C8H12O2 | 000126-81-8 | 30   |
| 4    |    |   | 1,3-Cyclohexanedione, 4,4-dimethyl- | 140 | C8H12O2 | 000562-46-9 | 27   |
| 5    |    |   | (S)-(+)-5-Methyl-1-heptanol         | 130 | C8H18O  | 057803-73-3 | 27   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP040821\  
Data File : BP005244.D  
Acq On : 08 Apr 2021 19:49  
Operator : CG/JU  
Sample : M1971-03  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

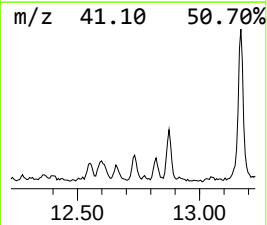
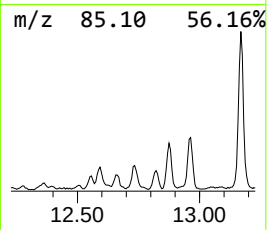
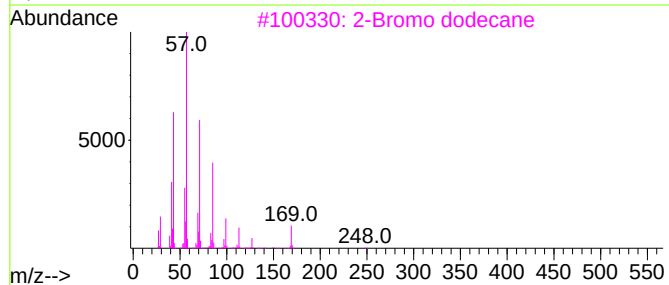
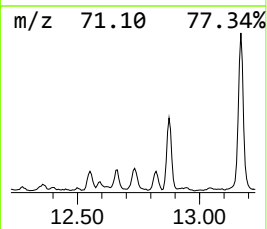
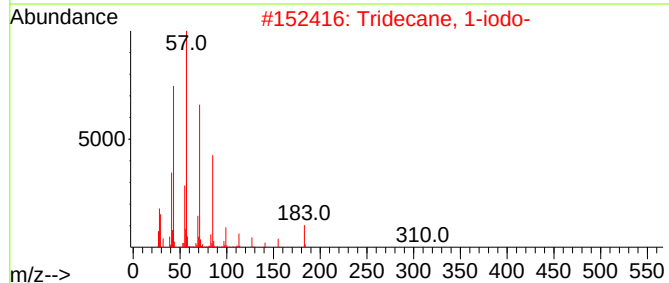
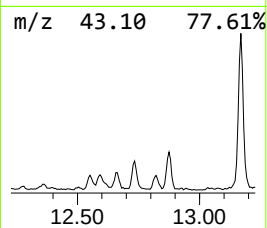
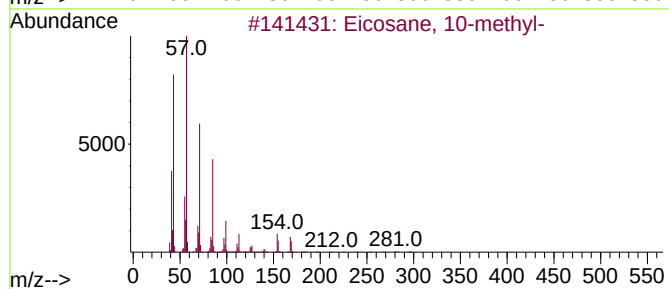
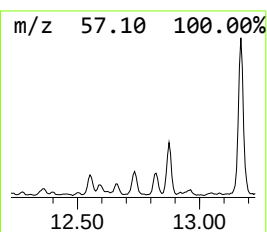
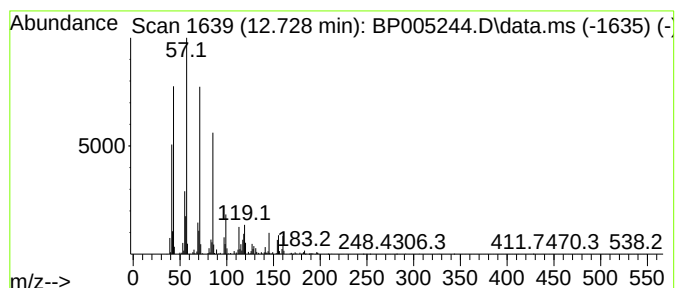
Instrument :  
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ClientSampleId :  
HR-03-040721

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP032321.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 10 Eicosane, 10-methyl- Concentration Rank 18

| R.T.      | EstConc               | Area   | Relative to ISTD | R.T.        |      |
|-----------|-----------------------|--------|------------------|-------------|------|
| 12.728    | 6.39 ng               | 123139 | Acenaphthene-d10 | 14.351      |      |
| Hit# of 5 | Tentative ID          | MW     | MolForm          | CAS#        | Qual |
| 1         | Eicosane, 10-methyl-  | 296    | C21H44           | 054833-23-7 | 74   |
| 2         | Tridecane, 1-iodo-    | 310    | C13H27I          | 035599-77-0 | 72   |
| 3         | 2-Bromo dodecane      | 248    | C12H25Br         | 013187-99-0 | 70   |
| 4         | Decane, 2-methyl-     | 156    | C11H24           | 006975-98-0 | 70   |
| 5         | Nonane, 4,5-dimethyl- | 156    | C11H24           | 017302-23-7 | 64   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP040821\  
Data File : BP005244.D  
Acq On : 08 Apr 2021 19:49  
Operator : CG/JU  
Sample : M1971-03  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
HR-03-040721

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP032321.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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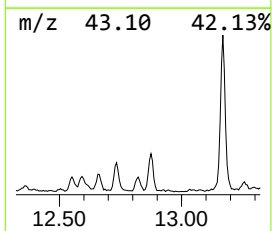
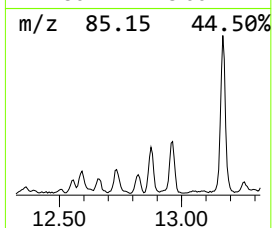
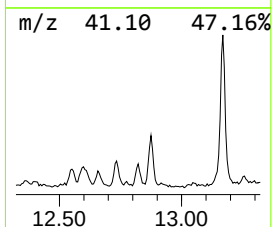
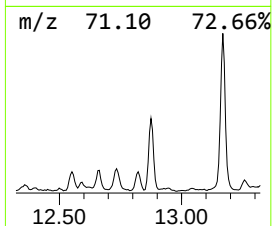
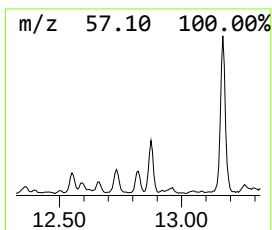
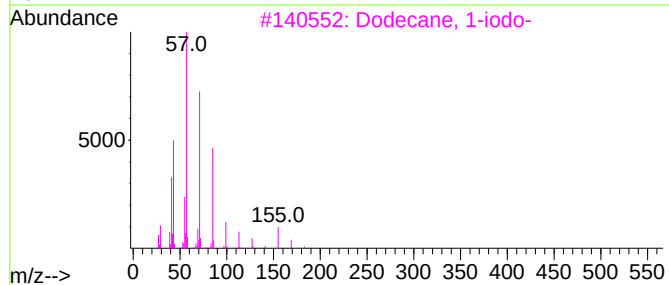
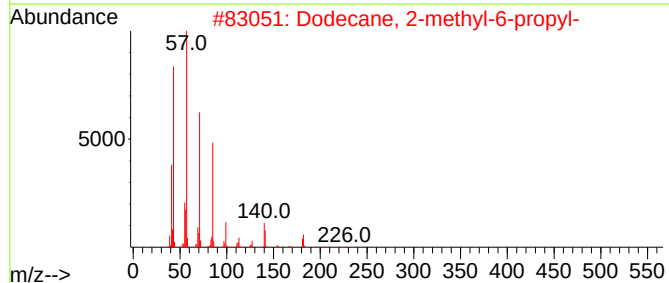
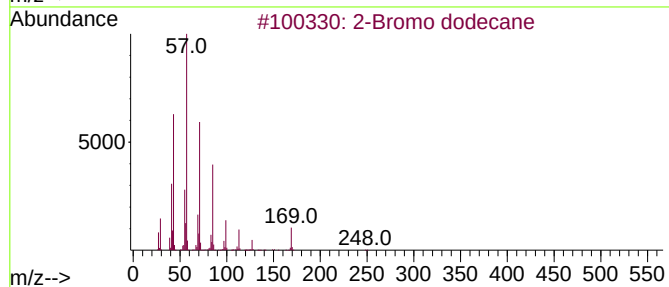
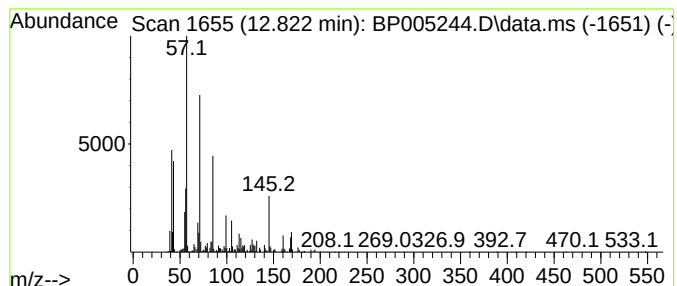
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Peak Number 11 2-Bromo dodecane Concentration Rank 15

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 12.822 | 7.10 ng | 136709 | Acenaphthene-d10 | 14.351 |

| Hit# | of 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|------|-------------------------------------|-----|----------|-------------|------|
| 1    |      | 2-Bromo dodecane                    | 248 | C12H25Br | 013187-99-0 | 89   |
| 2    |      | Dodecane, 2-methyl-6-propyl-        | 226 | C16H34   | 055045-08-4 | 70   |
| 3    |      | Dodecane, 1-iodo-                   | 296 | C12H25I  | 004292-19-7 | 53   |
| 4    |      | Decane, 3,6-dimethyl-               | 170 | C12H26   | 017312-53-7 | 50   |
| 5    |      | Heptadecane, 2,6,10,15-tetramethyl- | 296 | C21H44   | 054833-48-6 | 50   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP040821\  
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Sample : M1971-03  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

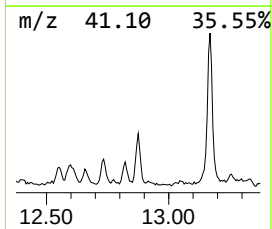
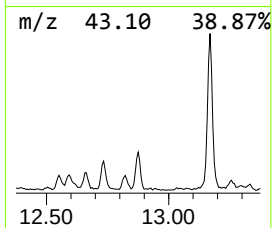
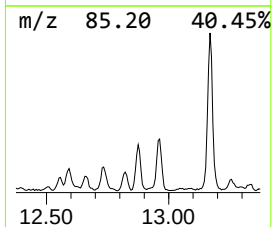
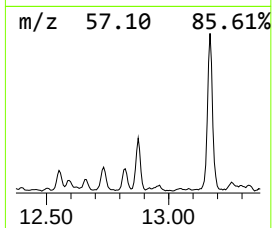
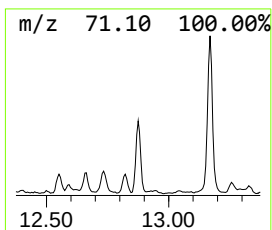
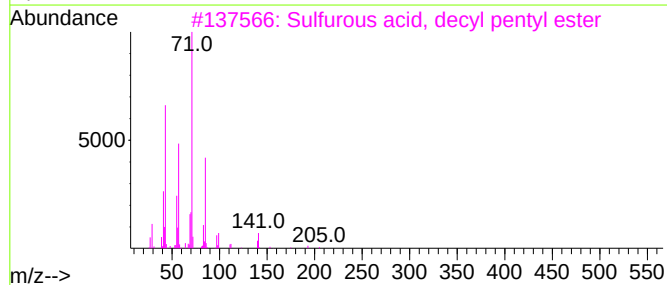
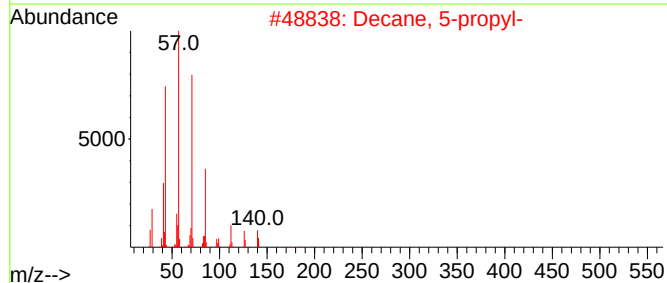
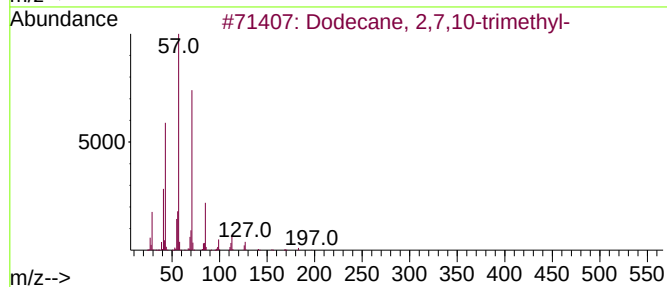
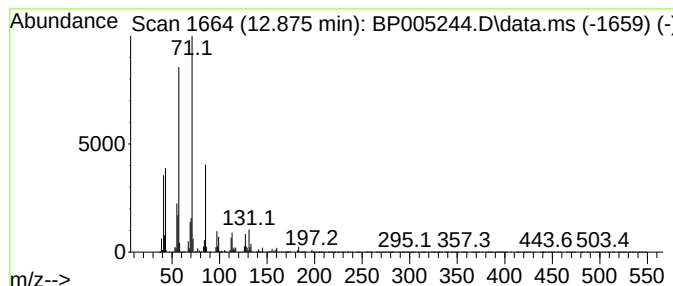
Instrument :  
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ClientSampleId :  
HR-03-040721

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP032321.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 12 Dodecane, 2,7,10-trimethyl- Concentration Rank 5

| R.T.      | EstConc                             | Area   | Relative to ISTD | R.T.         |      |
|-----------|-------------------------------------|--------|------------------|--------------|------|
| 12.875    | 17.05 ng                            | 328373 | Acenaphthene-d10 | 14.351       |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm          | CAS#         | Qual |
| 1         | Dodecane, 2,7,10-trimethyl-         | 212    | C15H32           | 074645-98-0  | 64   |
| 2         | Decane, 5-propyl-                   | 184    | C13H28           | 017312-62-8  | 59   |
| 3         | Sulfurous acid, decyl pentyl ester  | 292    | C15H32O3S        | 1000309-14-3 | 53   |
| 4         | Heptadecane, 2,6,10,14-tetramethyl- | 296    | C21H44           | 018344-37-1  | 50   |
| 5         | Heptane, 3-ethyl-5-methyl-          | 142    | C10H22           | 052896-90-9  | 49   |





Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP040821\  
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Operator : CG/JU  
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Misc :  
ALS Vial : 13 Sample Multiplier: 1

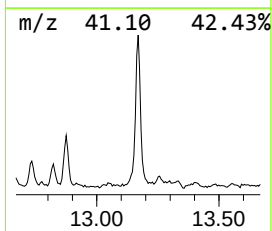
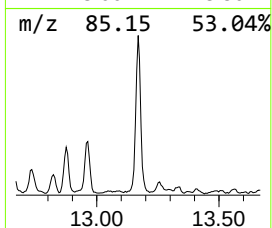
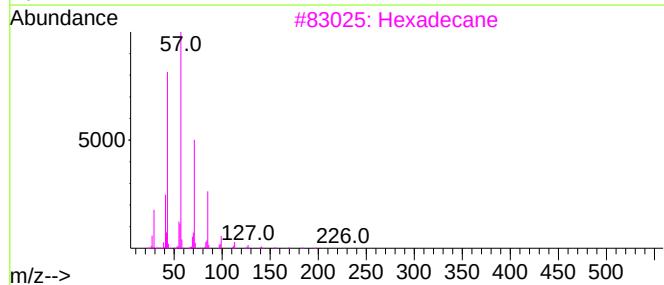
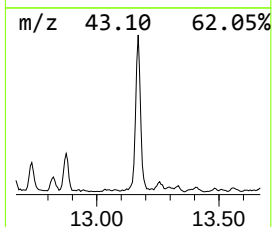
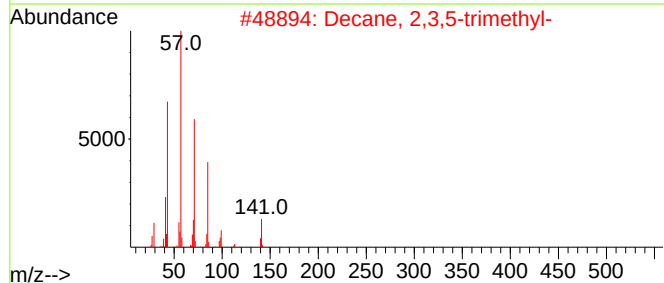
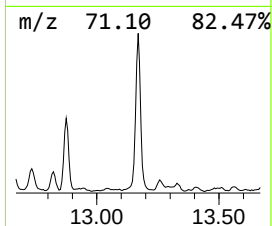
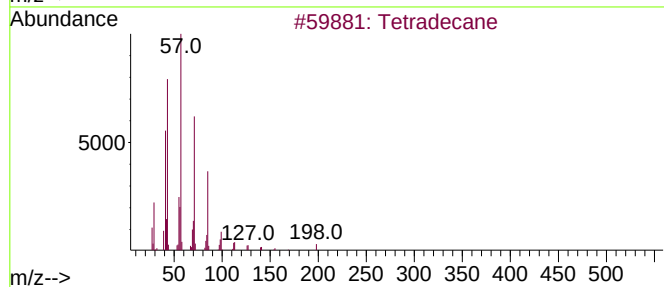
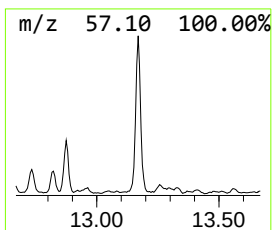
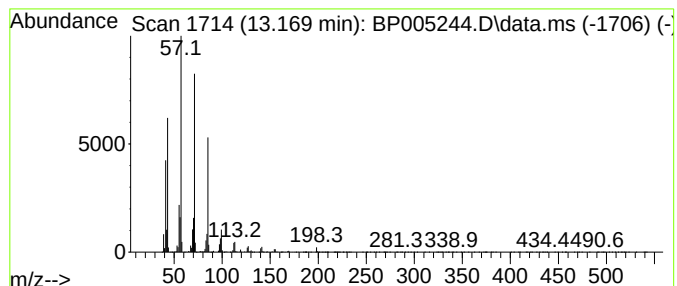
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HR-03-040721

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP032321.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 13 Tetradecane Concentration Rank 2

| R.T.      | EstConc                  | Area   | Relative to ISTD | R.T.        |      |
|-----------|--------------------------|--------|------------------|-------------|------|
| 13.169    | 42.18 ng                 | 812486 | Acenaphthene-d10 | 14.351      |      |
| Hit# of 5 | Tentative ID             | MW     | MolForm          | CAS#        | Qual |
| 1         | Tetradecane              | 198    | C14H30           | 000629-59-4 | 96   |
| 2         | Decane, 2,3,5-trimethyl- | 184    | C13H28           | 062238-11-3 | 83   |
| 3         | Hexadecane               | 226    | C16H34           | 000544-76-3 | 80   |
| 4         | 1-Decene, 4-methyl-      | 154    | C11H22           | 013151-29-6 | 78   |
| 5         | Heneicosane              | 296    | C21H44           | 000629-94-7 | 74   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP040821\  
Data File : BP005244.D  
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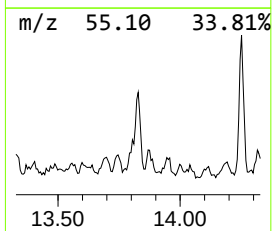
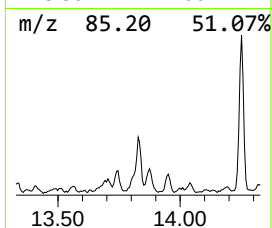
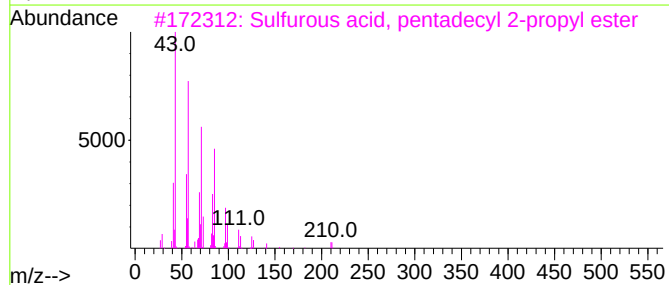
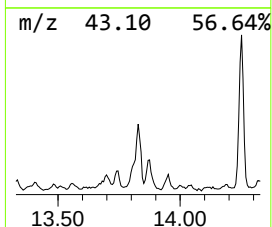
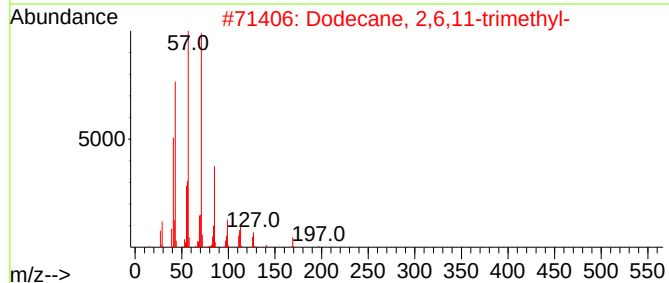
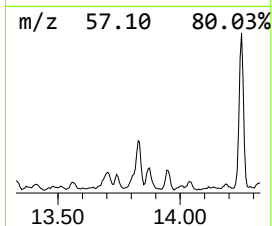
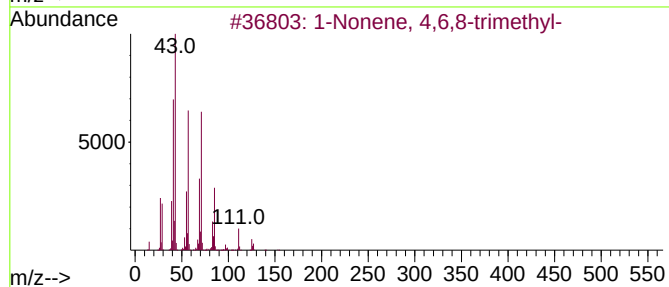
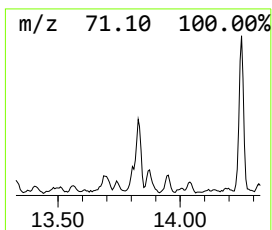
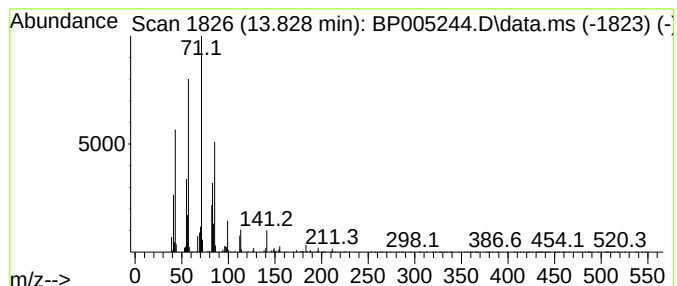
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HR-03-040721

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP032321.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 14 1-Nonene, 4,6,8-trimethyl- Concentration Rank 7

| R.T.      | EstConc                             | Area   | Relative to ISTD | R.T.         |      |
|-----------|-------------------------------------|--------|------------------|--------------|------|
| 13.828    | 10.96 ng                            | 211033 | Acenaphthene-d10 | 14.351       |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm          | CAS#         | Qual |
| 1         | 1-Nonene, 4,6,8-trimethyl-          | 168    | C12H24           | 054410-98-9  | 59   |
| 2         | Dodecane, 2,6,11-trimethyl-         | 212    | C15H32           | 031295-56-4  | 52   |
| 3         | Sulfurous acid, pentadecyl 2-pro... | 334    | C18H38O3S        | 1000309-12-6 | 50   |
| 4         | Tridecane, 5-propyl-                | 226    | C16H34           | 055045-11-9  | 49   |
| 5         | Hexadecane                          | 226    | C16H34           | 000544-76-3  | 49   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP040821\  
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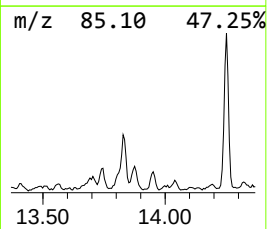
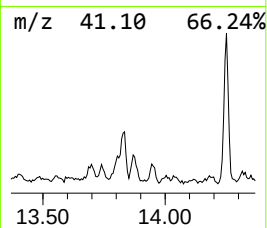
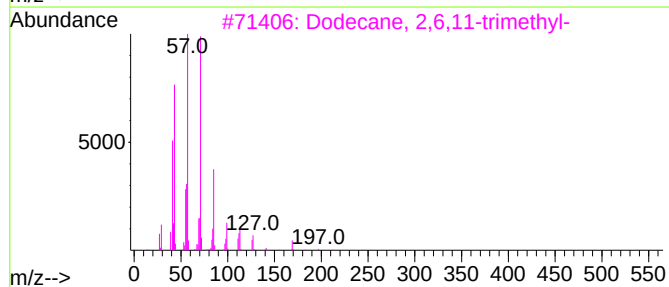
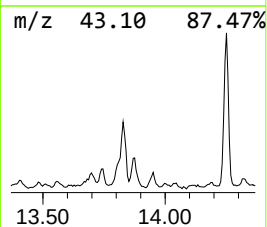
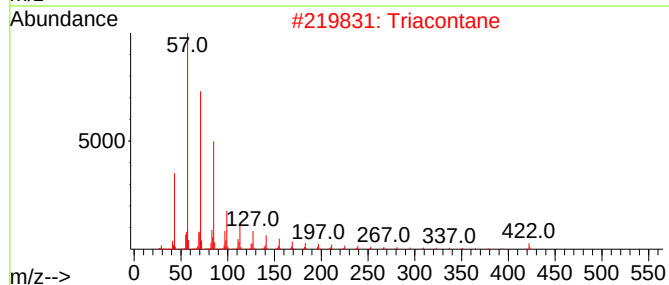
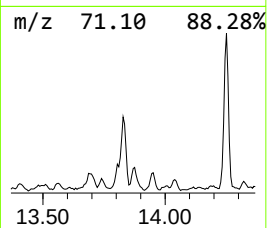
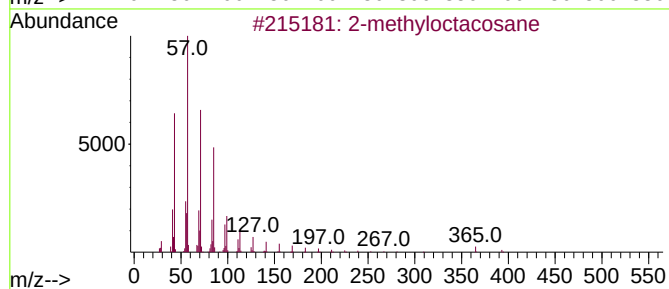
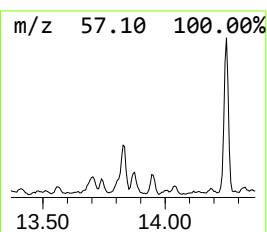
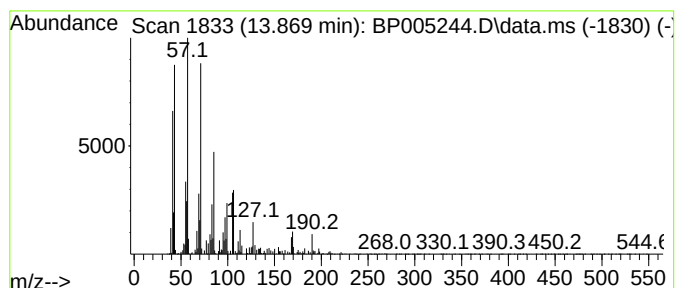
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ClientSampleId :  
HR-03-040721

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 15 2-methyloctacosane Concentration Rank 20

| R.T.      | EstConc                     | Area   | Relative to ISTD | R.T.         |      |
|-----------|-----------------------------|--------|------------------|--------------|------|
| 13.869    | 6.18 ng                     | 118946 | Acenaphthene-d10 | 14.351       |      |
| Hit# of 5 | Tentative ID                | MW     | MolForm          | CAS#         | Qual |
| 1         | 2-methyloctacosane          | 408    | C29H60           | 1000376-72-8 | 64   |
| 2         | Triacontane                 | 422    | C30H62           | 000638-68-6  | 59   |
| 3         | Dodecane, 2,6,11-trimethyl- | 212    | C15H32           | 031295-56-4  | 55   |
| 4         | Hentriacontane              | 437    | C31H64           | 000630-04-6  | 53   |
| 5         | Decane, 3-methyl-           | 156    | C11H24           | 013151-34-3  | 53   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP040821\  
Data File : BP005244.D  
Acq On : 08 Apr 2021 19:49  
Operator : CG/JU  
Sample : M1971-03  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
HR-03-040721

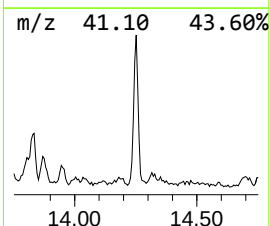
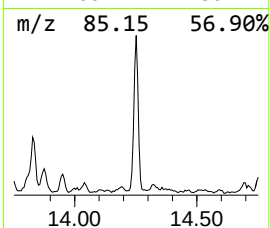
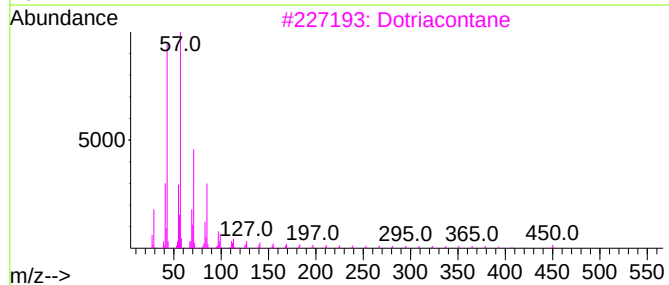
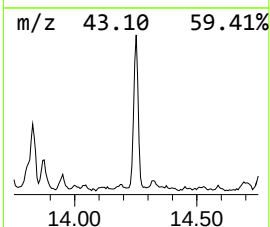
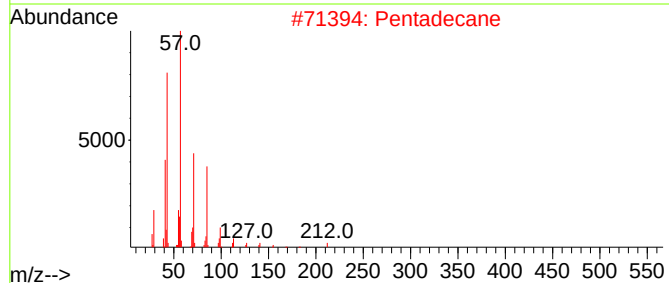
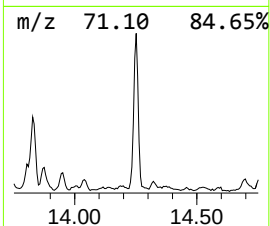
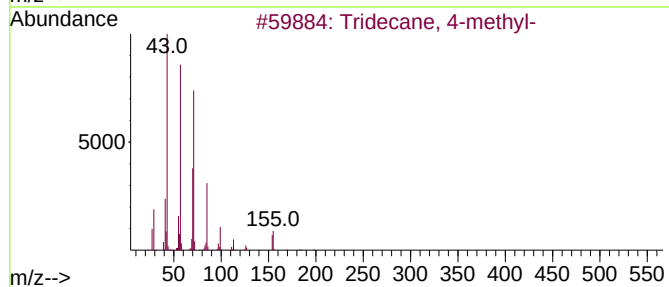
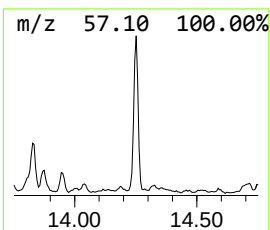
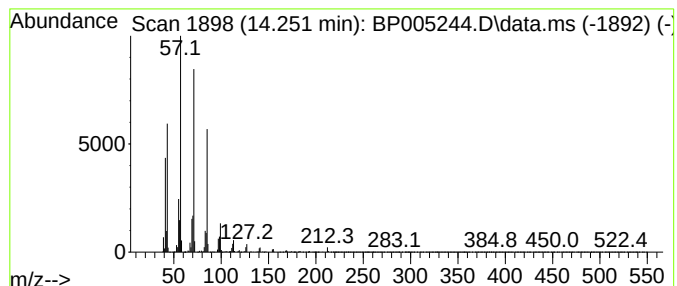
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 16 Tridecane, 4-methyl- Concentration Rank 3

| R.T.   | EstConc  | Area   | Relative to ISTD | R.T.   |
|--------|----------|--------|------------------|--------|
| 14.251 | 23.36 ng | 449859 | Acenaphthene-d10 | 14.351 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | Tridecane, 4-methyl-                | 198 | C14H30    | 026730-12-1  | 87   |
| 2    |    |   | Pentadecane                         | 212 | C15H32    | 000629-62-9  | 86   |
| 3    |    |   | Dotriacontane                       | 451 | C32H66    | 000544-85-4  | 83   |
| 4    |    |   | Sulfurous acid, 2-ethylhexyl iso... | 278 | C14H30O3S | 1000309-19-0 | 80   |
| 5    |    |   | Nonadecane                          | 268 | C19H40    | 000629-92-5  | 68   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP040821\  
Data File : BP005244.D  
Acq On : 08 Apr 2021 19:49  
Operator : CG/JU  
Sample : M1971-03  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
HR-03-040721

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP032321.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

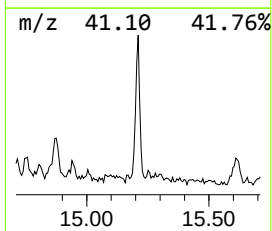
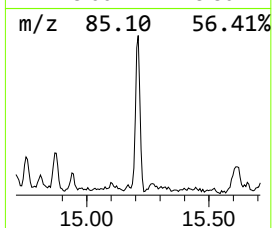
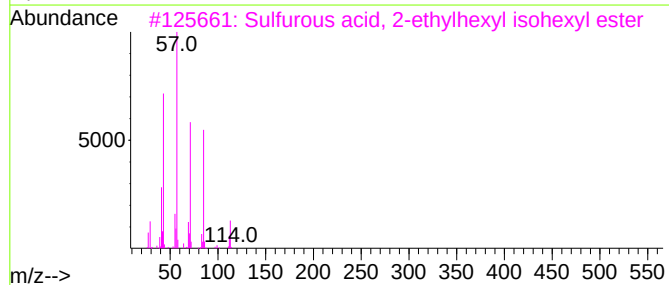
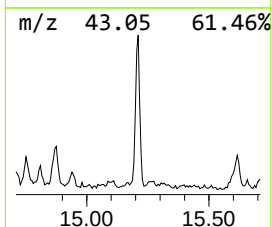
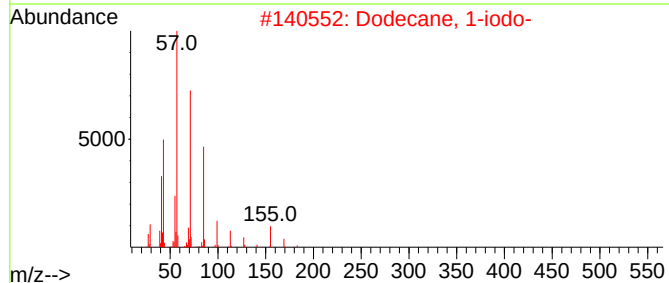
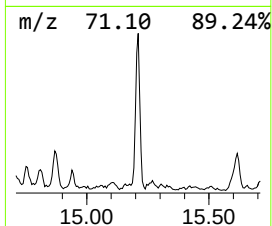
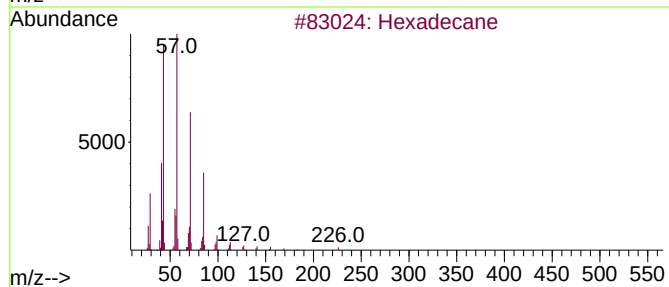
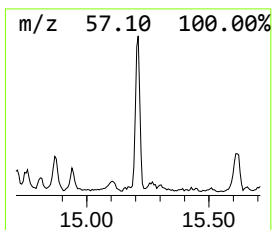
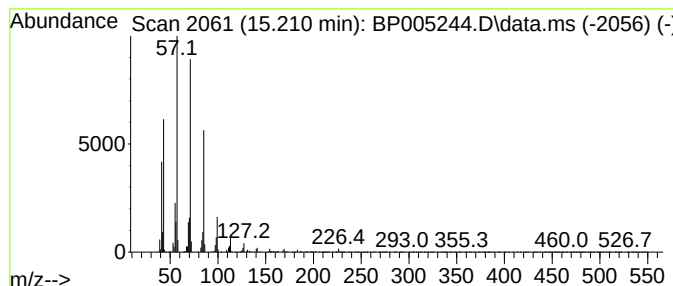
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 17 Hexadecane Concentration Rank 8

| R.T.   | EstConc  | Area   | Relative to ISTD | R.T.   |
|--------|----------|--------|------------------|--------|
| 15.210 | 10.60 ng | 204182 | Acenaphthene-d10 | 14.351 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | Hexadecane                          | 226 | C16H34    | 000544-76-3  | 94   |
| 2    |    |   | Dodecane, 1-iodo-                   | 296 | C12H25I   | 004292-19-7  | 87   |
| 3    |    |   | Sulfurous acid, 2-ethylhexyl iso... | 278 | C14H30O3S | 1000309-19-0 | 80   |
| 4    |    |   | Sulfurous acid, hexyl pentyl ester  | 236 | C11H24O3S | 1000309-14-1 | 64   |
| 5    |    |   | 2-Bromo dodecane                    | 248 | C12H25Br  | 013187-99-0  | 60   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP040821\  
Data File : BP005244.D  
Acq On : 08 Apr 2021 19:49  
Operator : CG/JU  
Sample : M1971-03  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

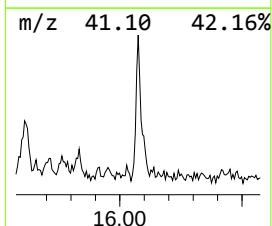
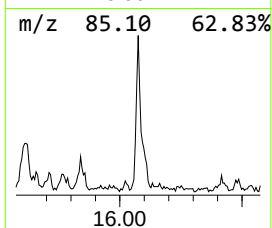
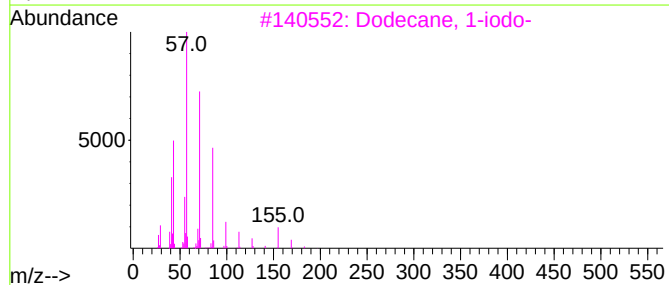
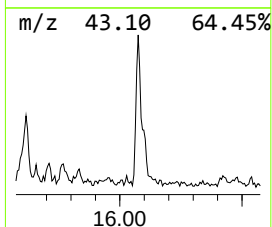
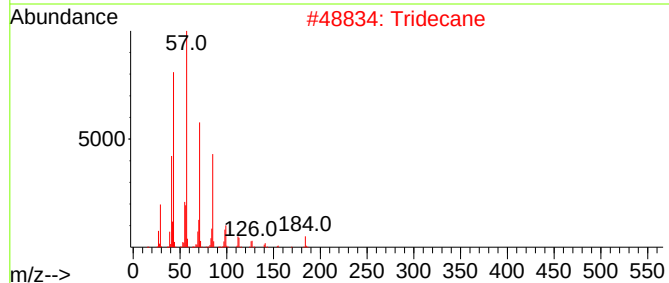
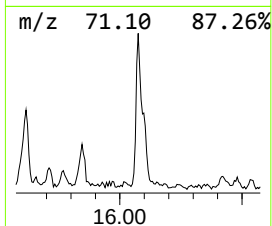
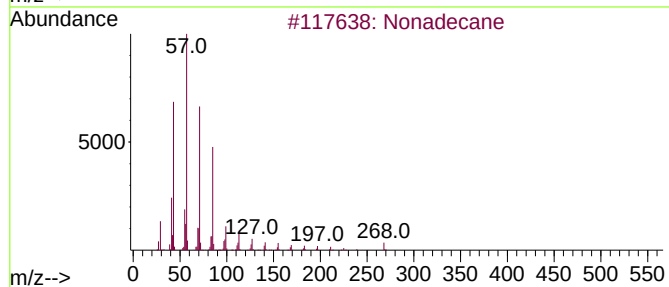
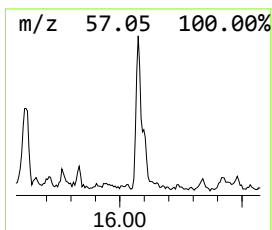
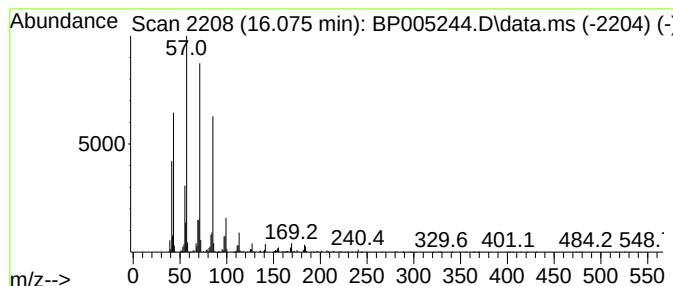
Instrument :  
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ClientSampleId :  
HR-03-040721

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP032321.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 18 Nonadecane Concentration Rank 12

| R.T.      | EstConc                  | Area   | Relative to ISTD |         | R.T.        |      |
|-----------|--------------------------|--------|------------------|---------|-------------|------|
| 16.075    | 8.38 ng                  | 142605 | Phenanthrene-d10 |         | 17.110      |      |
| Hit# of 5 | Tentative ID             |        | MW               | MolForm | CAS#        | Qual |
| 1         | Nonadecane               |        | 268              | C19H40  | 000629-92-5 | 90   |
| 2         | Tridecane                |        | 184              | C13H28  | 000629-50-5 | 86   |
| 3         | Dodecane, 1-iodo-        |        | 296              | C12H25I | 004292-19-7 | 86   |
| 4         | Decane, 2,3,5-trimethyl- |        | 184              | C13H28  | 062238-11-3 | 86   |
| 5         | Hexadecane, 7-methyl-    |        | 240              | C17H36  | 026730-20-1 | 81   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP040821\  
Data File : BP005244.D  
Acq On : 08 Apr 2021 19:49  
Operator : CG/JU  
Sample : M1971-03  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
HR-03-040721

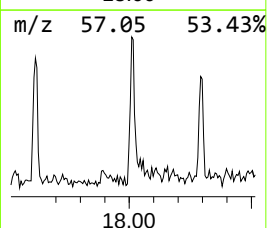
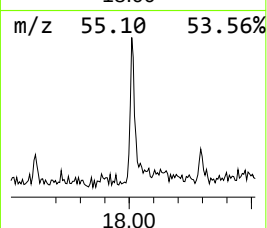
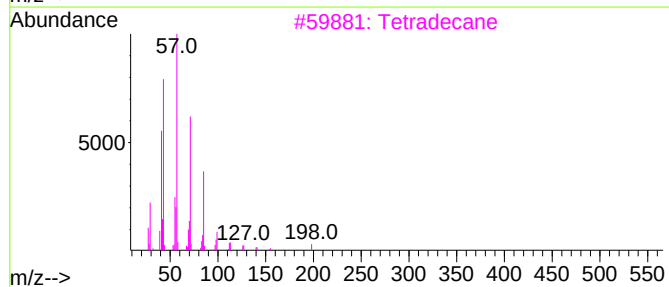
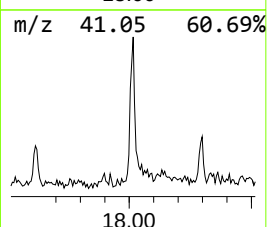
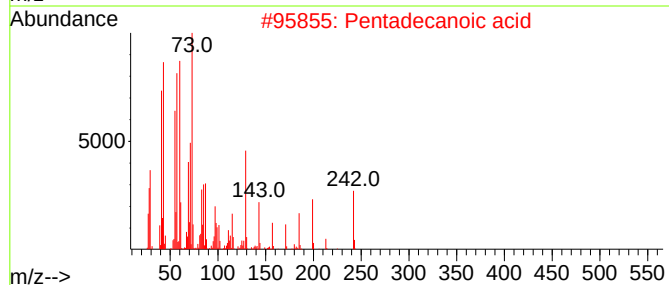
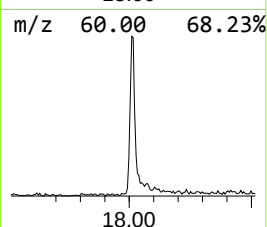
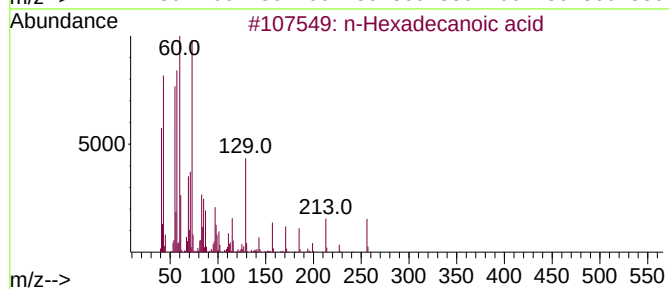
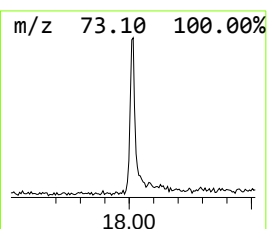
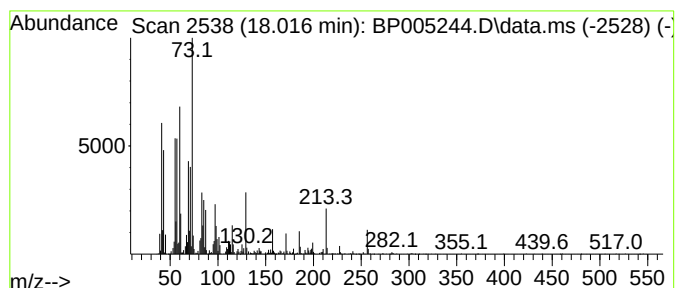
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 19 n-Hexadecanoic acid Concentration Rank 11

| R.T.      | EstConc                             | Area   | Relative to ISTD |          | R.T.         |      |
|-----------|-------------------------------------|--------|------------------|----------|--------------|------|
| 18.016    | 9.38 ng                             | 159573 | Phenanthrene-d10 |          | 17.110       |      |
| Hit# of 5 | Tentative ID                        |        | MW               | MolForm  | CAS#         | Qual |
| 1         | n-Hexadecanoic acid                 |        | 256              | C16H32O2 | 000057-10-3  | 96   |
| 2         | Pentadecanoic acid                  |        | 242              | C15H30O2 | 001002-84-2  | 76   |
| 3         | Tetradecane                         |        | 198              | C14H30   | 000629-59-4  | 53   |
| 4         | Octadecanoic acid                   |        | 284              | C18H36O2 | 000057-11-4  | 46   |
| 5         | Oxalic acid, isobutyl hexadecyl ... |        | 370              | C22H42O4 | 1000309-38-1 | 25   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP040821\  
Data File : BP005244.D  
Acq On : 08 Apr 2021 19:49  
Operator : CG/JU  
Sample : M1971-03  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

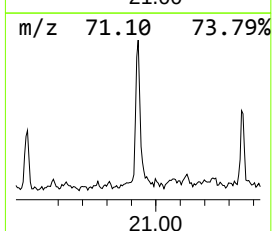
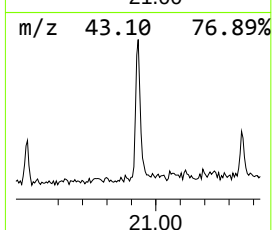
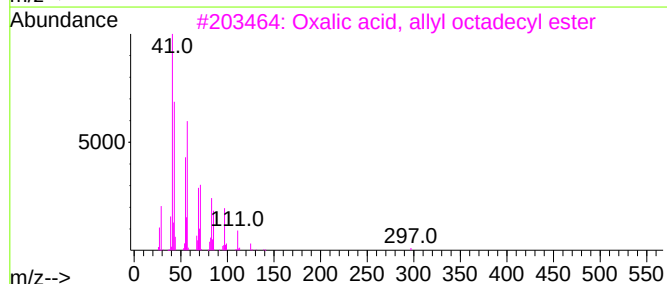
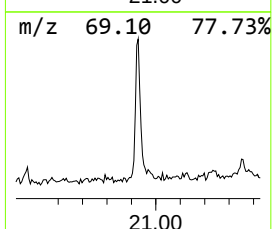
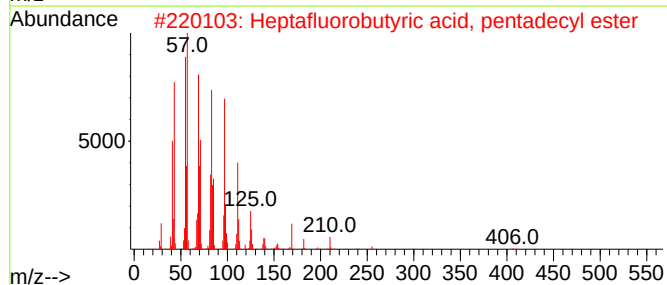
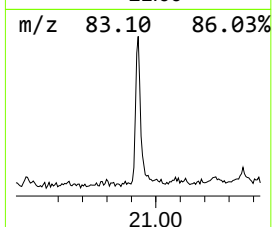
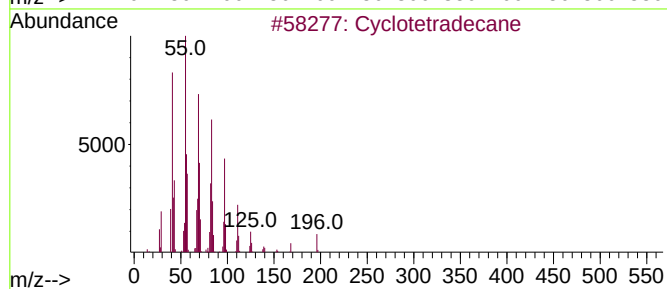
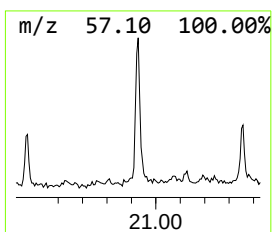
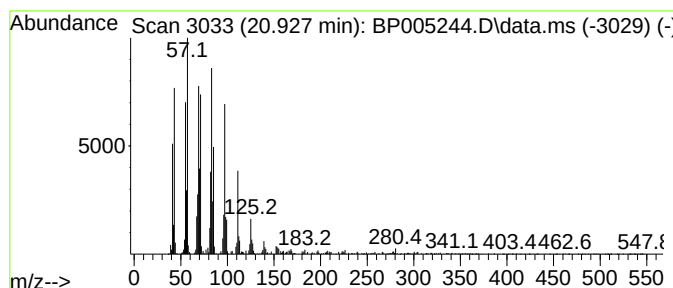
Instrument :  
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ClientSampleId :  
HR-03-040721

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP032321.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 20 Cyclotetradecane Concentration Rank 6

| R.T.      | EstConc                             | Area   | Relative to ISTD |            | R.T.         |      |
|-----------|-------------------------------------|--------|------------------|------------|--------------|------|
| 20.927    | 16.07 ng                            | 304795 | Chrysene-d12     |            | 21.210       |      |
| Hit# of 5 | Tentative ID                        |        | MW               | MolForm    | CAS#         | Qual |
| 1         | Cyclotetradecane                    |        | 196              | C14H28     | 000295-17-0  | 86   |
| 2         | Heptafluorobutyric acid, pentade... |        | 424              | C19H31F7O2 | 959261-23-5  | 83   |
| 3         | Oxalic acid, allyl octadecyl ester  |        | 382              | C23H42O4   | 1000309-24-5 | 83   |
| 4         | Nonadecyl pentafluoropropionate     |        | 430              | C22H39F5O2 | 1000351-88-8 | 81   |
| 5         | n-Tetracosanol-1                    |        | 354              | C24H50O    | 000506-51-4  | 76   |





Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP040821\  
 Data File : BP005244.D  
 Acq On : 08 Apr 2021 19:49  
 Operator : CG/JU  
 Sample : M1971-03  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 HR-03-040721

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP032321.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |         |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|---------|------|
|                    |        |         |       |          | #                     | RT     | Resp    | Conc |
| Decane, 2-methyl-  | 8.334  | 9.6     | ng    | 104031   | 1                     | 7.687  | 216099  | 20.0 |
| Nonane, 3,7-dim... | 8.446  | 6.5     | ng    | 70022    | 1                     | 7.687  | 216099  | 20.0 |
| Benzene, 2-ethy... | 8.787  | 8.1     | ng    | 87564    | 1                     | 7.687  | 216099  | 20.0 |
| Undecane           | 8.910  | 52.4    | ng    | 565749   | 1                     | 7.687  | 216099  | 20.0 |
| unknown9.034       | 9.034  | 10.0    | ng    | 107746   | 1                     | 7.687  | 216099  | 20.0 |
| Undecane, 2,6-d... | 11.504 | 6.5     | ng    | 393010   | 2                     | 10.475 | 1210070 | 20.0 |
| Decane, 2,3,5-t... | 11.910 | 17.9    | ng    | 1085050  | 2                     | 10.475 | 1210070 | 20.0 |
| Oxalic acid, 2-... | 12.551 | 6.3     | ng    | 120582   | 3                     | 14.351 | 385208  | 20.0 |
| unknown12.599      | 12.599 | 7.5     | ng    | 143905   | 3                     | 14.351 | 385208  | 20.0 |
| Eicosane, 10-me... | 12.728 | 6.4     | ng    | 123139   | 3                     | 14.351 | 385208  | 20.0 |
| 2-Bromo dodecane   | 12.822 | 7.1     | ng    | 136709   | 3                     | 14.351 | 385208  | 20.0 |
| Dodecane, 2,7,1... | 12.875 | 17.1    | ng    | 328373   | 3                     | 14.351 | 385208  | 20.0 |
| Tetradecane        | 13.169 | 42.2    | ng    | 812486   | 3                     | 14.351 | 385208  | 20.0 |
| 1-Nonene, 4,6,8... | 13.828 | 11.0    | ng    | 211033   | 3                     | 14.351 | 385208  | 20.0 |
| 2-methyloctacosane | 13.869 | 6.2     | ng    | 118946   | 3                     | 14.351 | 385208  | 20.0 |
| Tridecane, 4-me... | 14.251 | 23.4    | ng    | 449859   | 3                     | 14.351 | 385208  | 20.0 |
| Hexadecane         | 15.210 | 10.6    | ng    | 204182   | 3                     | 14.351 | 385208  | 20.0 |
| Nonadecane         | 16.075 | 8.4     | ng    | 142605   | 4                     | 17.110 | 340383  | 20.0 |
| n-Hexadecanoic ... | 18.016 | 9.4     | ng    | 159573   | 4                     | 17.110 | 340383  | 20.0 |
| Cyclotetradecane   | 20.927 | 16.1    | ng    | 304795   | 5                     | 21.210 | 379374  | 20.0 |