

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP021022\  
 Data File : BP009108.D  
 Acq On : 10 Feb 2022 20:03  
 Operator : CG/JU  
 Sample : N1455-03 2X  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 TP-2

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-BP020722.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP009108.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         | 5.399       | 402           | 410         | 433          | rBV      | 894084         | 1569925       | 14.55%          | 0.948%        |
| 2         | 6.999       | 677           | 682         | 698          | rVB      | 756699         | 1470106       | 13.63%          | 0.888%        |
| 3         | 7.799       | 809           | 818         | 825          | rVV2     | 673726         | 1474132       | 13.67%          | 0.890%        |
| 4         | 8.081       | 859           | 866         | 874          | rVB3     | 137747         | 316545        | 2.93%           | 0.191%        |
| 5         | 8.904       | 996           | 1006        | 1011         | rBV3     | 344616         | 753549        | 6.99%           | 0.455%        |
| 6         | 8.963       | 1011          | 1016        | 1024         | rVV2     | 513267         | 1250109       | 11.59%          | 0.755%        |
| 7         | 9.028       | 1024          | 1027        | 1032         | rVB      | 179626         | 273278        | 2.53%           | 0.165%        |
| 8         | 9.116       | 1037          | 1042        | 1045         | rBV3     | 149818         | 285752        | 2.65%           | 0.173%        |
| 9         | 9.157       | 1045          | 1049        | 1054         | rVB6     | 184470         | 363820        | 3.37%           | 0.220%        |
| 10        | 9.281       | 1054          | 1070        | 1076         | rBV5     | 162144         | 630997        | 5.85%           | 0.381%        |
| 11        | 9.446       | 1092          | 1098        | 1104         | rVV3     | 233900         | 563007        | 5.22%           | 0.340%        |
| 12        | 9.516       | 1105          | 1110        | 1116         | rVB3     | 210768         | 376015        | 3.49%           | 0.227%        |
| 13        | 9.681       | 1131          | 1138        | 1142         | rBV3     | 173577         | 419282        | 3.89%           | 0.253%        |
| 14        | 9.722       | 1142          | 1145        | 1150         | rVB2     | 194442         | 273012        | 2.53%           | 0.165%        |
| 15        | 9.775       | 1150          | 1154        | 1163         | rVB5     | 317964         | 634609        | 5.88%           | 0.383%        |
| 16        | 10.004      | 1187          | 1193        | 1211         | rBV7     | 274599         | 967001        | 8.97%           | 0.584%        |
| 17        | 10.298      | 1239          | 1243        | 1247         | rBV      | 187702         | 320022        | 2.97%           | 0.193%        |
| 18        | 10.463      | 1267          | 1271        | 1274         | rBV3     | 155839         | 263589        | 2.44%           | 0.159%        |
| 19        | 10.498      | 1274          | 1277        | 1282         | rVV4     | 199373         | 427788        | 3.97%           | 0.258%        |
| 20        | 10.598      | 1284          | 1294        | 1299         | rVV2     | 1186184        | 3350456       | 31.06%          | 2.023%        |
| 21        | 10.646      | 1299          | 1302        | 1310         | rVV5     | 356764         | 968906        | 8.98%           | 0.585%        |
| 22        | 10.716      | 1310          | 1314        | 1318         | rVV2     | 425765         | 769574        | 7.13%           | 0.465%        |
| 23        | 10.763      | 1318          | 1322        | 1328         | rVV      | 934673         | 1619490       | 15.01%          | 0.978%        |
| 24        | 10.828      | 1328          | 1333        | 1340         | rVV3     | 285545         | 674740        | 6.26%           | 0.407%        |
| 25        | 10.898      | 1340          | 1345        | 1351         | rVB4     | 191213         | 377690        | 3.50%           | 0.228%        |
| 26        | 11.263      | 1403          | 1407        | 1409         | rVV3     | 283832         | 460948        | 4.27%           | 0.278%        |
| 27        | 11.304      | 1410          | 1414        | 1422         | rVV5     | 534879         | 1183529       | 10.97%          | 0.715%        |
| 28        | 11.369      | 1422          | 1425        | 1432         | rVV3     | 282017         | 576569        | 5.35%           | 0.348%        |
| 29        | 11.440      | 1432          | 1437        | 1444         | rVV5     | 311958         | 628526        | 5.83%           | 0.379%        |
| 30        | 11.522      | 1445          | 1451        | 1458         | rVB3     | 489906         | 1040962       | 9.65%           | 0.628%        |
| 31        | 11.634      | 1465          | 1470        | 1475         | rBV      | 1543659        | 2666938       | 24.73%          | 1.610%        |
| 32        | 11.793      | 1493          | 1497        | 1500         | rBV2     | 222834         | 317784        | 2.95%           | 0.192%        |
| 33        | 12.028      | 1528          | 1537        | 1542         | rBV5     | 656075         | 1605903       | 14.89%          | 0.970%        |
| 34        | 12.263      | 1573          | 1577        | 1583         | rVB2     | 1076483        | 1992478       | 18.47%          | 1.203%        |
| 35        | 12.345      | 1586          | 1591        | 1596         | rBV5     | 165138         | 400180        | 3.71%           | 0.242%        |
| 36        | 12.481      | 1608          | 1614        | 1624         | rBV      | 1158943        | 2289429       | 21.23%          | 1.382%        |

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 Sample : N1455-03 2X  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 TP-2

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-BP020722.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 37 | 12.722 | 1649 | 1655 | 1661 | rVB5 | 437698  | 1007112 | 9.34%  | 0.608% |
| 38 | 12.945 | 1687 | 1693 | 1696 | rBV5 | 347372  | 823283  | 7.63%  | 0.497% |
| 39 | 12.987 | 1696 | 1700 | 1705 | rVV  | 1977798 | 2760117 | 25.59% | 1.666% |
| 40 | 13.063 | 1705 | 1713 | 1718 | rVV  | 1647807 | 2947739 | 27.33% | 1.780% |
| 41 | 13.228 | 1738 | 1741 | 1742 | rBV  | 258355  | 288489  | 2.67%  | 0.174% |
| 42 | 13.275 | 1746 | 1749 | 1756 | rVB2 | 699057  | 1378915 | 12.78% | 0.832% |
| 43 | 13.375 | 1762 | 1766 | 1773 | rVB3 | 499553  | 922301  | 8.55%  | 0.557% |
| 44 | 13.439 | 1774 | 1777 | 1780 | rBV4 | 252984  | 305085  | 2.83%  | 0.184% |
| 45 | 13.475 | 1780 | 1783 | 1786 | rBV  | 390581  | 510985  | 4.74%  | 0.308% |
| 46 | 13.610 | 1800 | 1806 | 1807 | rBV  | 1581828 | 2224841 | 20.63% | 1.343% |
| 47 | 13.769 | 1827 | 1833 | 1838 | rBV  | 2604498 | 4655205 | 43.16% | 2.810% |
| 48 | 13.822 | 1838 | 1842 | 1846 | rVV  | 1465978 | 2422058 | 22.45% | 1.462% |
| 49 | 13.863 | 1846 | 1849 | 1854 | rVB  | 1484836 | 2033330 | 18.85% | 1.228% |
| 50 | 13.934 | 1856 | 1861 | 1865 | rVB2 | 2729959 | 3875094 | 35.93% | 2.339% |
| 51 | 14.004 | 1865 | 1873 | 1876 | rBV2 | 1057322 | 2101709 | 19.48% | 1.269% |
| 52 | 14.145 | 1894 | 1897 | 1898 | rBV2 | 310020  | 324054  | 3.00%  | 0.196% |
| 53 | 14.175 | 1898 | 1902 | 1910 | rVB5 | 681192  | 1495092 | 13.86% | 0.903% |
| 54 | 14.275 | 1915 | 1919 | 1926 | rVB2 | 1275395 | 2181020 | 20.22% | 1.317% |
| 55 | 14.351 | 1927 | 1932 | 1936 | rBV3 | 1209042 | 1872176 | 17.36% | 1.130% |
| 56 | 14.445 | 1945 | 1948 | 1954 | rVB  | 1792063 | 2595866 | 24.07% | 1.567% |
| 57 | 14.575 | 1968 | 1970 | 1974 | rVB  | 324861  | 354352  | 3.29%  | 0.214% |
| 58 | 14.663 | 1979 | 1985 | 1993 | rVB  | 1157994 | 3429699 | 31.80% | 2.071% |
| 59 | 14.739 | 1995 | 1998 | 2004 | rBV6 | 346604  | 708410  | 6.57%  | 0.428% |
| 60 | 14.851 | 2013 | 2017 | 2023 | rVB2 | 2135170 | 3226610 | 29.91% | 1.948% |
| 61 | 14.928 | 2026 | 2030 | 2034 | rVB  | 1707773 | 2330541 | 21.61% | 1.407% |
| 62 | 14.975 | 2034 | 2038 | 2046 | rVB6 | 1153612 | 1909352 | 17.70% | 1.153% |
| 63 | 15.069 | 2050 | 2054 | 2058 | rVV  | 1320864 | 2200546 | 20.40% | 1.329% |
| 64 | 15.122 | 2060 | 2063 | 2067 | rVB  | 1246802 | 1617256 | 14.99% | 0.976% |
| 65 | 15.239 | 2077 | 2083 | 2086 | rBV4 | 935305  | 1752898 | 16.25% | 1.058% |
| 66 | 15.275 | 2086 | 2089 | 2092 | rVV  | 685871  | 890519  | 8.26%  | 0.538% |
| 67 | 15.304 | 2092 | 2094 | 2098 | rVB2 | 879957  | 920107  | 8.53%  | 0.555% |
| 68 | 15.404 | 2108 | 2111 | 2120 | rVB4 | 716014  | 1261123 | 11.69% | 0.761% |
| 69 | 15.492 | 2122 | 2126 | 2130 | rBV3 | 711545  | 1029550 | 9.54%  | 0.622% |
| 70 | 15.622 | 2145 | 2148 | 2152 | rVB2 | 943032  | 1305359 | 12.10% | 0.788% |
| 71 | 15.669 | 2152 | 2156 | 2159 | rBV6 | 448266  | 754127  | 6.99%  | 0.455% |
| 72 | 15.716 | 2159 | 2164 | 2170 | rVB  | 2808113 | 4431479 | 41.08% | 2.675% |
| 73 | 15.869 | 2186 | 2190 | 2194 | rBV6 | 527895  | 1064435 | 9.87%  | 0.643% |
| 74 | 15.922 | 2195 | 2199 | 2201 | rVV3 | 899614  | 1497892 | 13.89% | 0.904% |
| 75 | 15.951 | 2201 | 2204 | 2210 | rVB3 | 1604814 | 2538159 | 23.53% | 1.532% |
| 76 | 16.016 | 2211 | 2215 | 2218 | rBV2 | 602312  | 855890  | 7.93%  | 0.517% |

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 Sample : N1455-03 2X  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 TP-2

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-BP020722.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|     |        |      |      |      |      |         |          |         |        |
|-----|--------|------|------|------|------|---------|----------|---------|--------|
| 77  | 16.198 | 2237 | 2246 | 2257 | rBV2 | 5228530 | 10786395 | 100.00% | 6.512% |
| 78  | 16.563 | 2304 | 2308 | 2314 | rVB3 | 1252998 | 2180557  | 20.22%  | 1.316% |
| 79  | 16.751 | 2337 | 2340 | 2342 | rBV2 | 693531  | 949490   | 8.80%   | 0.573% |
| 80  | 16.969 | 2374 | 2377 | 2381 | rVV  | 996281  | 1185017  | 10.99%  | 0.715% |
| 81  | 17.022 | 2381 | 2386 | 2397 | rVB  | 2935315 | 6046751  | 56.06%  | 3.651% |
| 82  | 17.210 | 2413 | 2418 | 2421 | rBV  | 2106003 | 3106174  | 28.80%  | 1.875% |
| 83  | 17.245 | 2422 | 2424 | 2430 | rVB  | 823239  | 1164252  | 10.79%  | 0.703% |
| 84  | 17.628 | 2485 | 2489 | 2496 | rVV3 | 1035939 | 1765163  | 16.36%  | 1.066% |
| 85  | 17.710 | 2500 | 2503 | 2508 | rVB  | 1242080 | 1459687  | 13.53%  | 0.881% |
| 86  | 18.075 | 2562 | 2565 | 2569 | rBV  | 904769  | 1351761  | 12.53%  | 0.816% |
| 87  | 18.122 | 2570 | 2573 | 2580 | rVB  | 1197944 | 2048108  | 18.99%  | 1.236% |
| 88  | 18.257 | 2593 | 2596 | 2599 | rVB2 | 677293  | 814177   | 7.55%   | 0.492% |
| 89  | 18.380 | 2614 | 2617 | 2623 | rBV  | 814318  | 986466   | 9.15%   | 0.596% |
| 90  | 18.798 | 2686 | 2688 | 2691 | rBV  | 318930  | 292949   | 2.72%   | 0.177% |
| 91  | 18.969 | 2713 | 2717 | 2719 | rBV  | 857109  | 1175415  | 10.90%  | 0.710% |
| 92  | 19.222 | 2757 | 2760 | 2764 | rVV  | 534104  | 632225   | 5.86%   | 0.382% |
| 93  | 19.274 | 2764 | 2769 | 2773 | rVB  | 2623212 | 3246607  | 30.10%  | 1.960% |
| 94  | 19.551 | 2814 | 2816 | 2818 | rBV  | 272986  | 305771   | 2.83%   | 0.185% |
| 95  | 19.651 | 2830 | 2833 | 2841 | rVB  | 387603  | 530991   | 4.92%   | 0.321% |
| 96  | 19.769 | 2849 | 2853 | 2858 | rVB  | 3434552 | 3926469  | 36.40%  | 2.370% |
| 97  | 19.974 | 2885 | 2888 | 2893 | rVB  | 1027366 | 1304290  | 12.09%  | 0.787% |
| 98  | 21.304 | 3109 | 3114 | 3118 | rBV  | 2379358 | 3302426  | 30.62%  | 1.994% |
| 99  | 21.416 | 3128 | 3133 | 3149 | rBV  | 6895172 | 9423111  | 87.36%  | 5.689% |
| 100 | 23.704 | 3517 | 3522 | 3531 | rVB2 | 1670134 | 3297386  | 30.57%  | 1.991% |

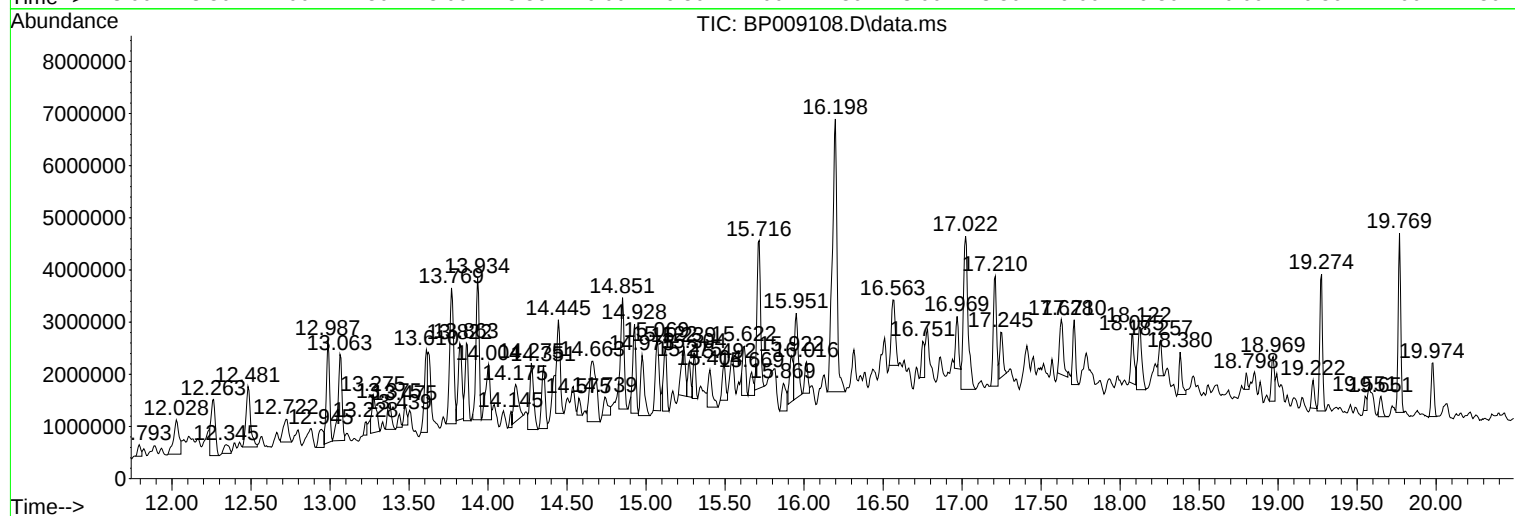
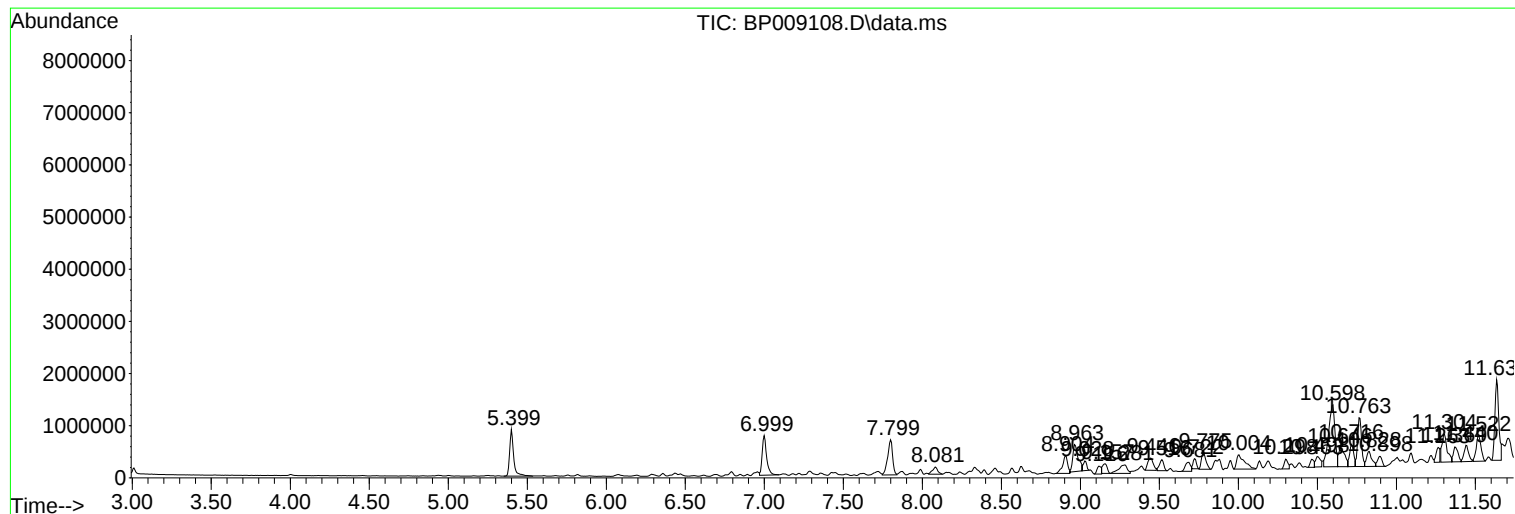
Sum of corrected areas: 165641053

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP021022\  
Data File : BP009108.D  
Acq On : 10 Feb 2022 20:03  
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Sample : N1455-03 2X  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
TP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP020722.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\BP021022\  
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Acq On : 10 Feb 2022 20:03  
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Sample : N1455-03 2X  
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Instrument :  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP020722.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

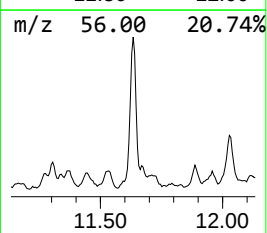
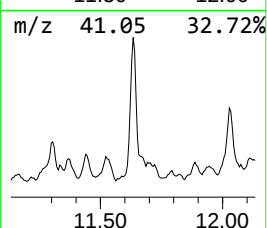
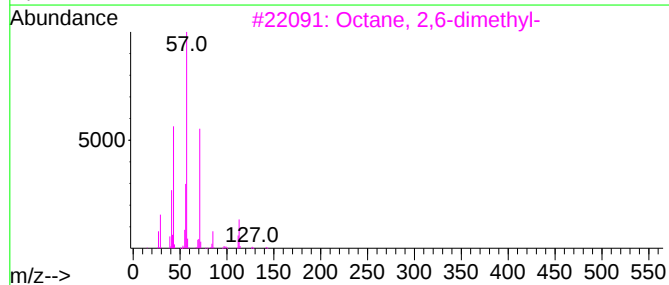
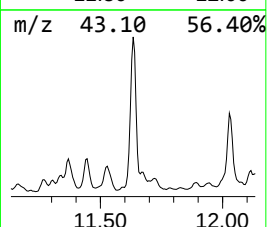
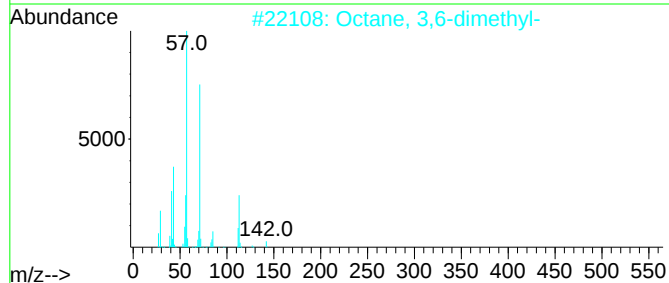
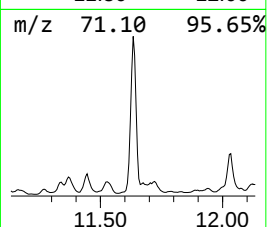
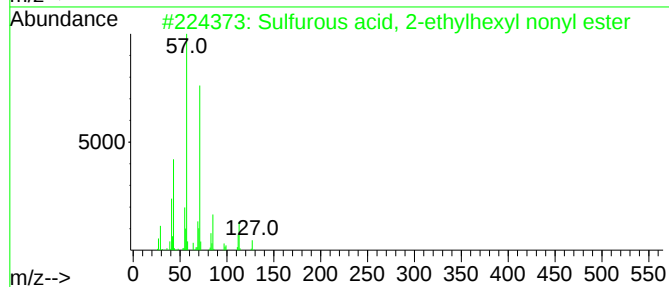
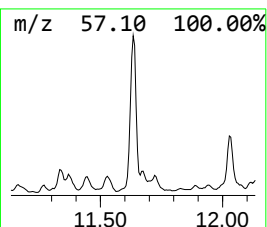
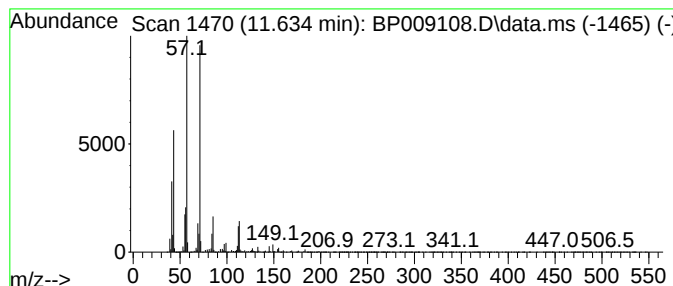
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 Sulfurous acid, 2-ethylhexy... Concentration Rank 17

| R.T.   | EstConc  | Area    | Relative to ISTD | R.T.   |
|--------|----------|---------|------------------|--------|
| 11.634 | 15.92 ng | 2666940 | Naphthalene-d8   | 10.599 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | Sulfurous acid, 2-ethylhexyl non... | 320 | C17H36O3S | 1010309-19-2 | 86   |
| 2    |    |   | Octane, 3,6-dimethyl-               | 142 | C10H22    | 015869-94-0  | 78   |
| 3    |    |   | Octane, 2,6-dimethyl-               | 142 | C10H22    | 002051-30-1  | 78   |
| 4    |    |   | Sulfurous acid, 2-ethylhexyl pen... | 264 | C13H28O3S | 1000309-18-9 | 72   |
| 5    |    |   | Sulfurous acid, 2-ethylhexyl und... | 348 | C19H40O3S | 1000309-19-4 | 64   |



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ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_P  
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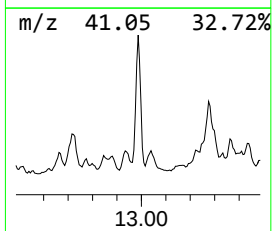
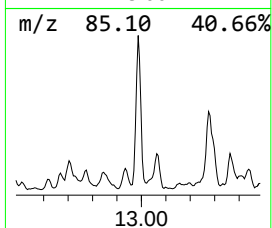
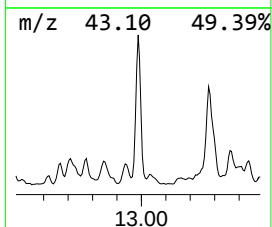
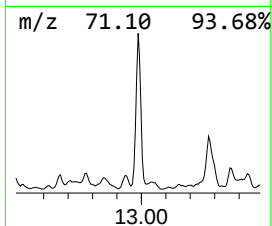
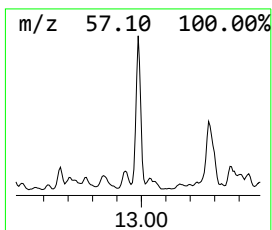
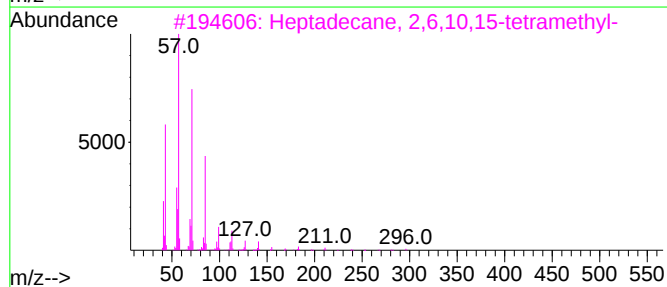
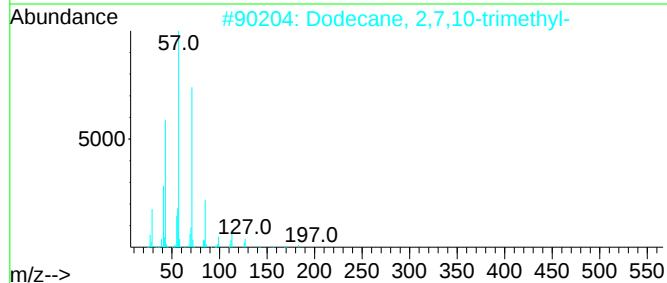
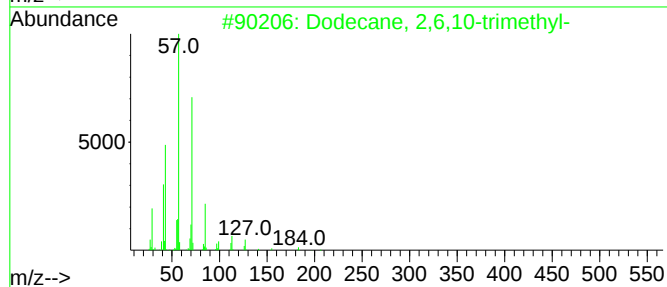
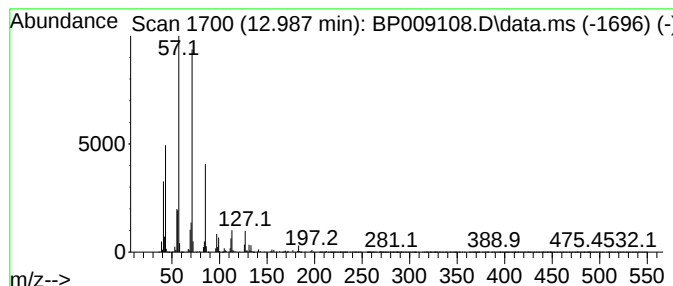
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP020722.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 2 Dodecane, 2,6,10-trimethyl- Concentration Rank 9

| R.T.   | EstConc  | Area    | Relative to ISTD | R.T.   |
|--------|----------|---------|------------------|--------|
| 12.987 | 21.27 ng | 2760120 | Acenaphthene-d10 | 14.445 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Dodecane, 2,6,10-trimethyl-         | 212 | C15H32  | 003891-98-3 | 80   |
| 2    |    |   | Dodecane, 2,7,10-trimethyl-         | 212 | C15H32  | 074645-98-0 | 80   |
| 3    |    |   | Heptadecane, 2,6,10,15-tetramethyl- | 296 | C21H44  | 054833-48-6 | 78   |
| 4    |    |   | Nonane, 3,7-dimethyl-               | 156 | C11H24  | 017302-32-8 | 76   |
| 5    |    |   | Undecane, 4,6-dimethyl-             | 184 | C13H28  | 017312-82-2 | 64   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP021022\  
Data File : BP009108.D  
Acq On : 10 Feb 2022 20:03  
Operator : CG/JU  
Sample : N1455-03 2X  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
TP-2

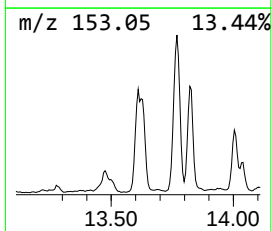
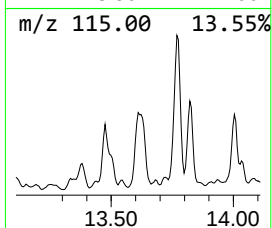
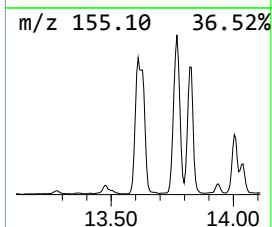
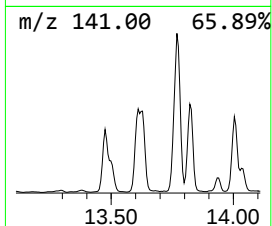
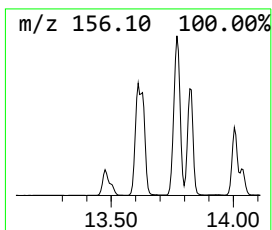
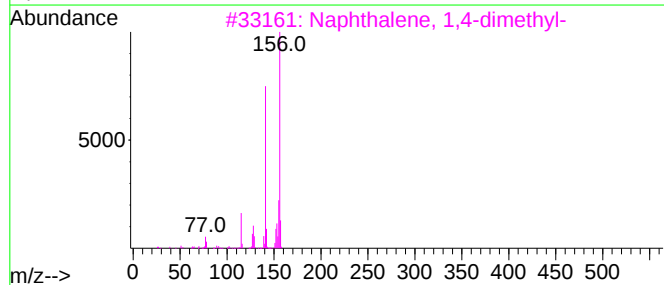
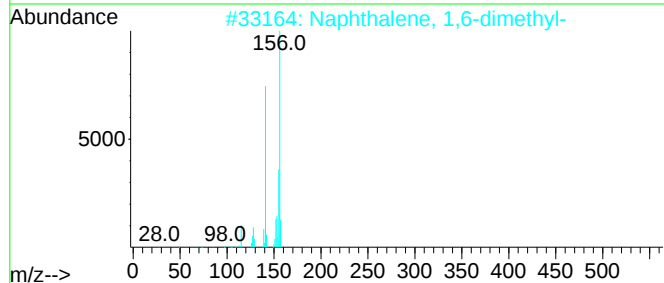
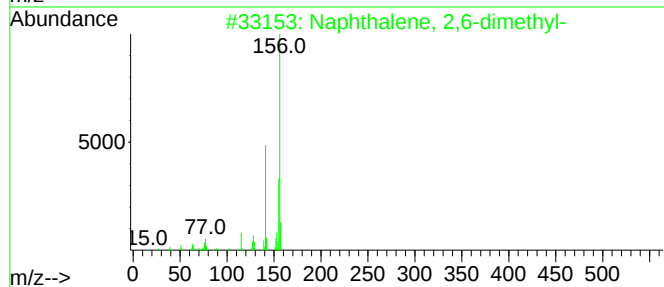
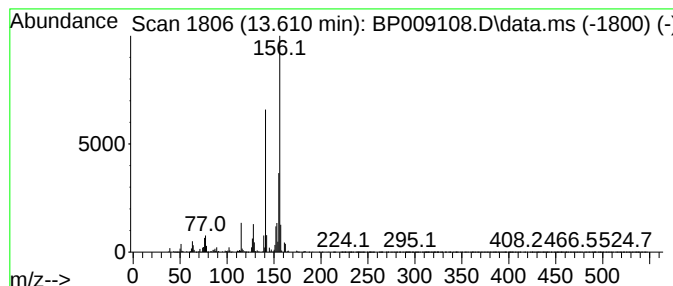
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 3 Naphthalene, 2,6-dimethyl- Concentration Rank 13

| R.T.   | EstConc  | Area    | Relative to ISTD | R.T.   |
|--------|----------|---------|------------------|--------|
| 13.610 | 17.14 ng | 2224840 | Acenaphthene-d10 | 14.445 |

| Hit# | of | 5 | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------|-----|---------|-------------|------|
| 1    |    |   | Naphthalene, 2,6-dimethyl- | 156 | C12H12  | 000581-42-0 | 96   |
| 2    |    |   | Naphthalene, 1,6-dimethyl- | 156 | C12H12  | 000575-43-9 | 96   |
| 3    |    |   | Naphthalene, 1,4-dimethyl- | 156 | C12H12  | 000571-58-4 | 96   |
| 4    |    |   | Naphthalene, 2,7-dimethyl- | 156 | C12H12  | 000582-16-1 | 96   |
| 5    |    |   | Naphthalene, 1,5-dimethyl- | 156 | C12H12  | 000571-61-9 | 96   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP021022\  
Data File : BP009108.D  
Acq On : 10 Feb 2022 20:03  
Operator : CG/JU  
Sample : N1455-03 2X  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
TP-2

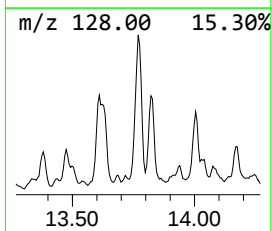
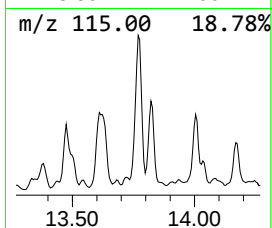
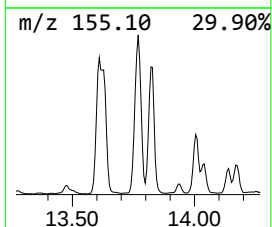
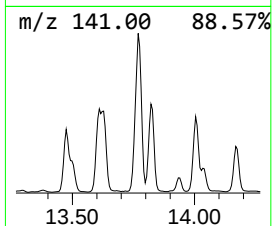
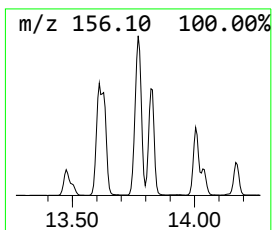
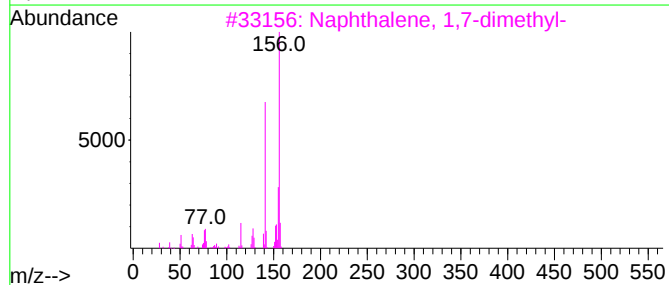
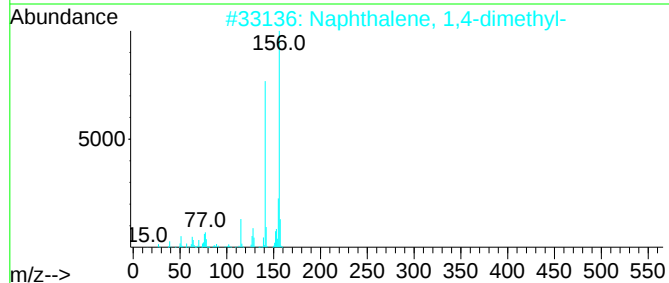
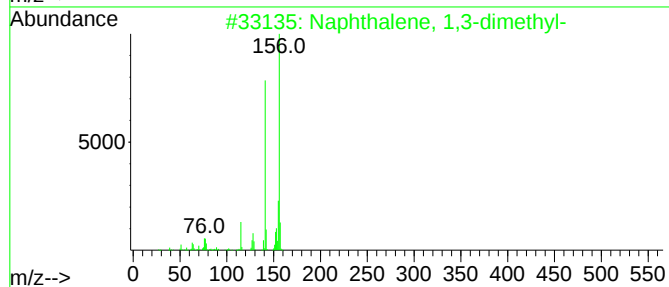
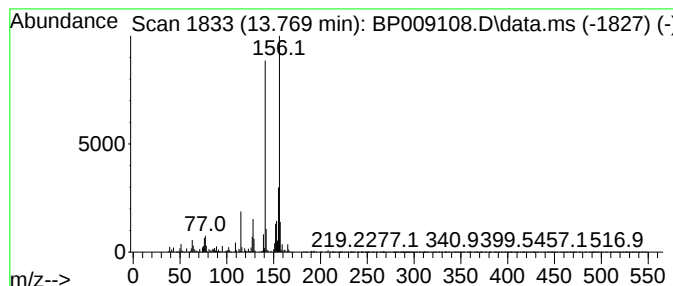
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 4 Naphthalene, 1,3-dimethyl- Concentration Rank 4

| R.T.   | EstConc  | Area    | Relative to ISTD | R.T.   |
|--------|----------|---------|------------------|--------|
| 13.769 | 35.87 ng | 4655210 | Acenaphthene-d10 | 14.445 |

| Hit# | of | 5 | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------|-----|---------|-------------|------|
| 1    |    |   | Naphthalene, 1,3-dimethyl- | 156 | C12H12  | 000575-41-7 | 97   |
| 2    |    |   | Naphthalene, 1,4-dimethyl- | 156 | C12H12  | 000571-58-4 | 97   |
| 3    |    |   | Naphthalene, 1,7-dimethyl- | 156 | C12H12  | 000575-37-1 | 97   |
| 4    |    |   | Naphthalene, 2,6-dimethyl- | 156 | C12H12  | 000581-42-0 | 97   |
| 5    |    |   | Naphthalene, 1,6-dimethyl- | 156 | C12H12  | 000575-43-9 | 96   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP021022\  
Data File : BP009108.D  
Acq On : 10 Feb 2022 20:03  
Operator : CG/JU  
Sample : N1455-03 2X  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
TP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP020722.M  
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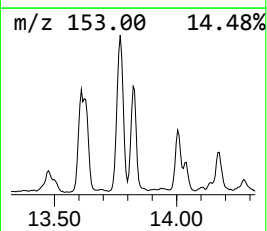
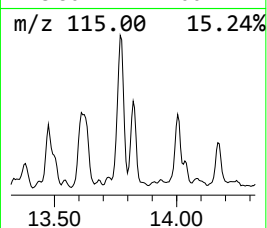
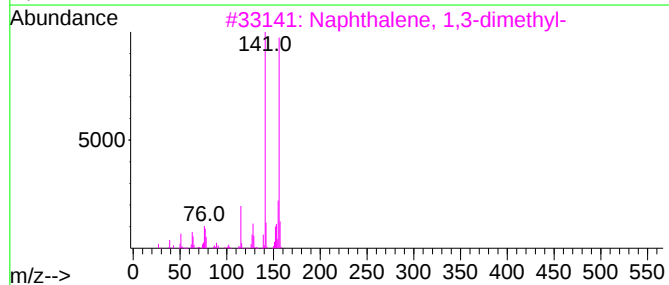
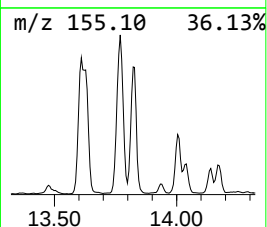
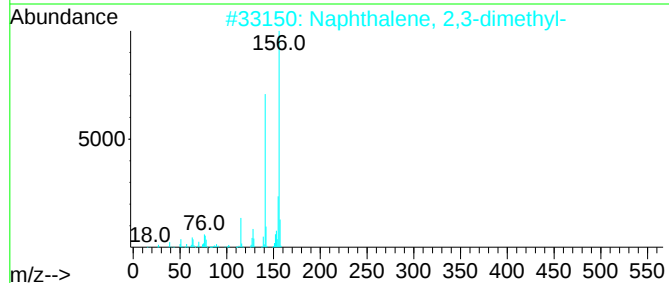
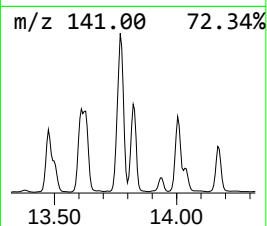
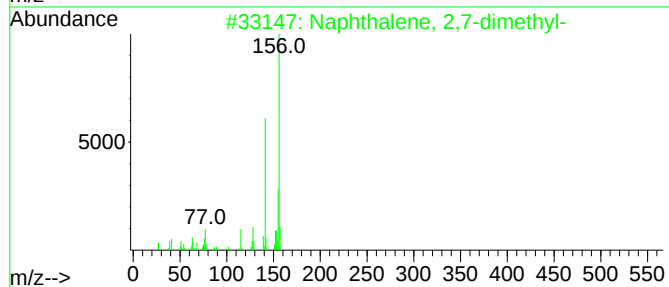
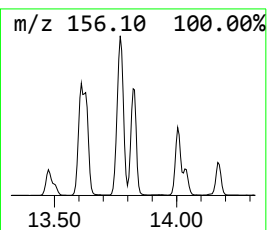
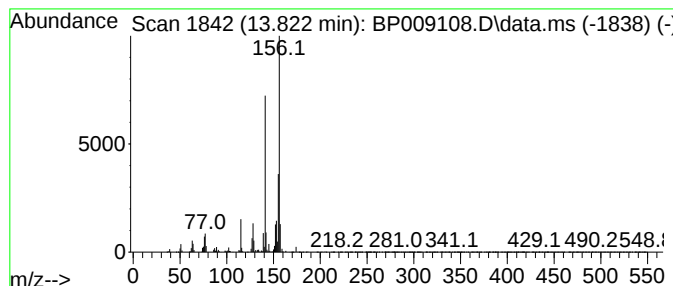
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TIC Integration Parameters: LSCINT.P

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Peak Number 5 Naphthalene, 2,7-dimethyl- Concentration Rank 11

| R.T.   | EstConc  | Area    | Relative to ISTD | R.T.   |
|--------|----------|---------|------------------|--------|
| 13.822 | 18.66 ng | 2422060 | Acenaphthene-d10 | 14.445 |

| Hit# | of | 5 | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------|-----|---------|-------------|------|
| 1    |    |   | Naphthalene, 2,7-dimethyl- | 156 | C12H12  | 000582-16-1 | 97   |
| 2    |    |   | Naphthalene, 2,3-dimethyl- | 156 | C12H12  | 000581-40-8 | 97   |
| 3    |    |   | Naphthalene, 1,3-dimethyl- | 156 | C12H12  | 000575-41-7 | 96   |
| 4    |    |   | Naphthalene, 1,6-dimethyl- | 156 | C12H12  | 000575-43-9 | 96   |
| 5    |    |   | Naphthalene, 1,7-dimethyl- | 156 | C12H12  | 000575-37-1 | 96   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP021022\  
Data File : BP009108.D  
Acq On : 10 Feb 2022 20:03  
Operator : CG/JU  
Sample : N1455-03 2X  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
TP-2

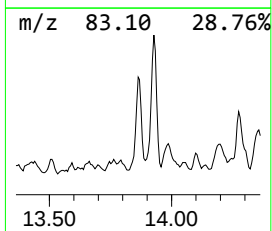
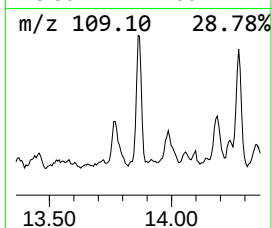
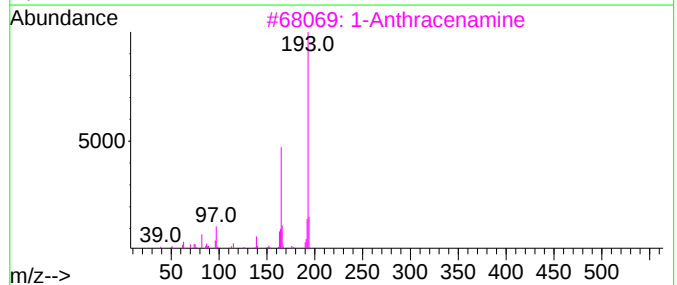
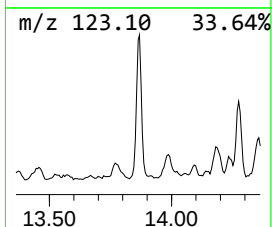
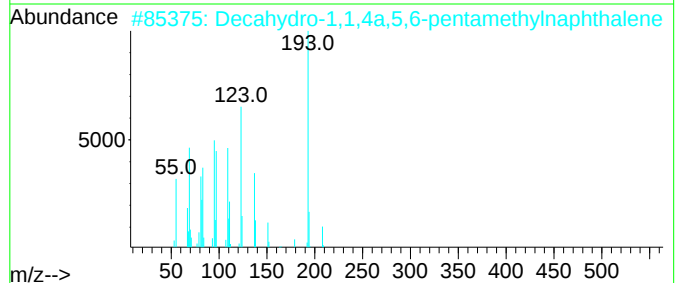
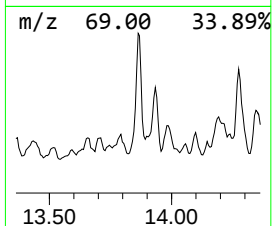
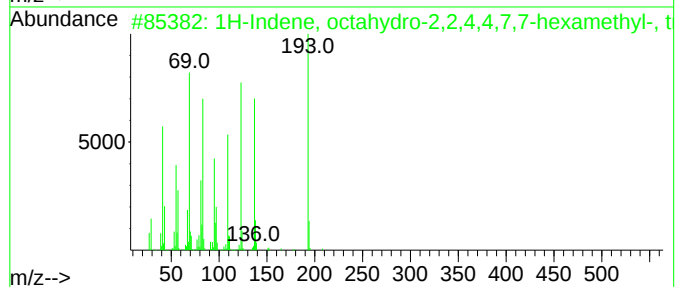
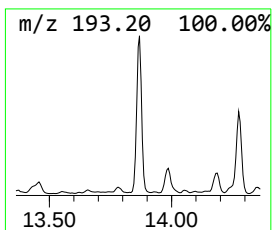
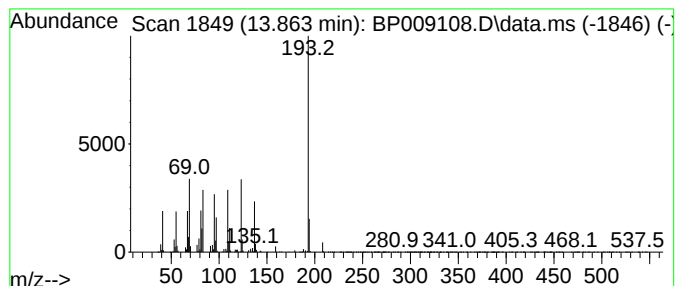
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 6 1H-Indene, octahydro-2,2,4,... Concentration Rank 18

| R.T.   | EstConc  | Area    | Relative to ISTD | R.T.   |
|--------|----------|---------|------------------|--------|
| 13.863 | 15.67 ng | 2033330 | Acenaphthene-d10 | 14.445 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm     | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-------------|--------------|------|
| 1    |    |   | 1H-Indene, octahydro-2,2,4,7,7...   | 208 | C15H28      | 054832-83-6  | 50   |
| 2    |    |   | Decahydro-1,1,4a,5,6-pentamethyl... | 208 | C15H28      | 080655-44-3  | 38   |
| 3    |    |   | 1-Anthracenamine                    | 193 | C14H11N     | 000610-49-1  | 38   |
| 4    |    |   | 4,4,7a-Trimethyl-3a,5,6,7-tetra...  | 208 | C13H20O2    | 1246094-76-7 | 36   |
| 5    |    |   | Silane, chlorodiethylhexyloxy-      | 222 | C10H23ClOSi | 1000363-74-4 | 36   |



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Data File : BP009108.D  
Acq On : 10 Feb 2022 20:03  
Operator : CG/JU  
Sample : N1455-03 2X  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
TP-2

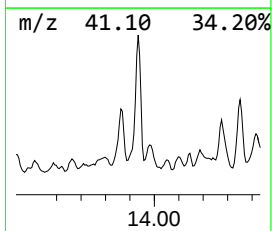
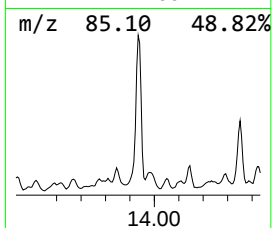
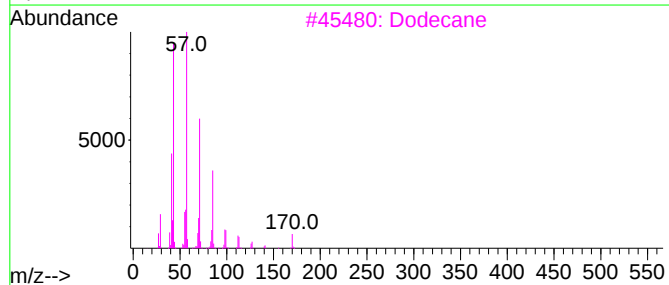
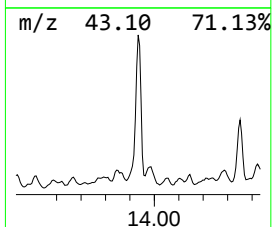
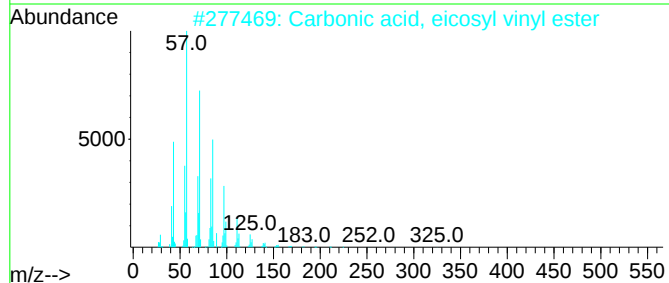
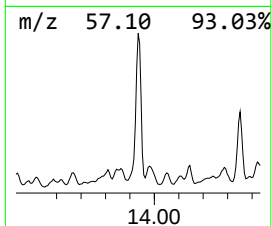
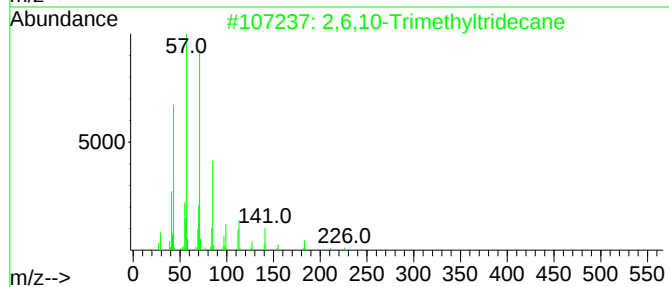
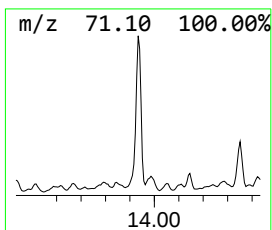
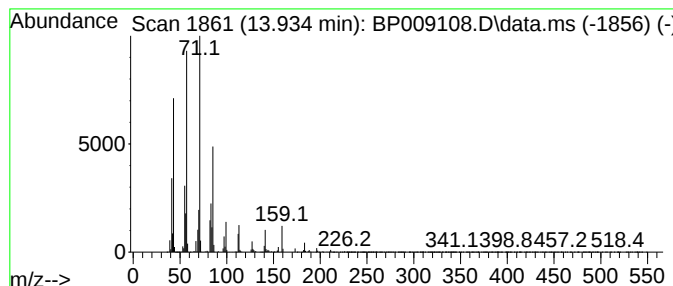
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 7 2,6,10-Trimethyltridecane Concentration Rank 6

| R.T.   | EstConc  | Area    | Relative to ISTD | R.T.   |
|--------|----------|---------|------------------|--------|
| 13.934 | 29.86 ng | 3875090 | Acenaphthene-d10 | 14.445 |

| Hit# | of | 5 | Tentative ID                       | MW  | MolForm  | CAS#         | Qual |
|------|----|---|------------------------------------|-----|----------|--------------|------|
| 1    |    |   | 2,6,10-Trimethyltridecane          | 226 | C16H34   | 003891-99-4  | 87   |
| 2    |    |   | Carbonic acid, eicosyl vinyl ester | 368 | C23H44O3 | 1000382-54-3 | 72   |
| 3    |    |   | Dodecane                           | 170 | C12H26   | 000112-40-3  | 72   |
| 4    |    |   | Hexadecane                         | 226 | C16H34   | 000544-76-3  | 72   |
| 5    |    |   | Dodecane, 4-methyl-                | 184 | C13H28   | 006117-97-1  | 70   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP021022\  
Data File : BP009108.D  
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Operator : CG/JU  
Sample : N1455-03 2X  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

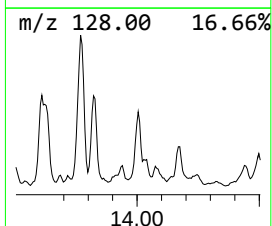
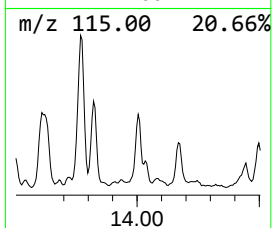
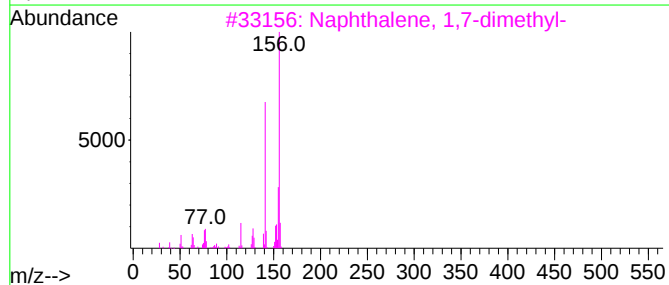
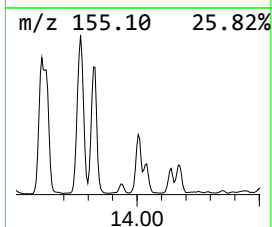
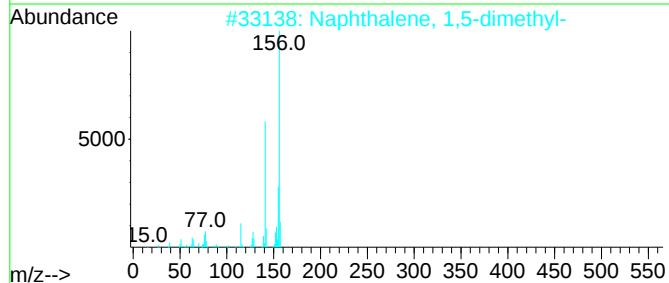
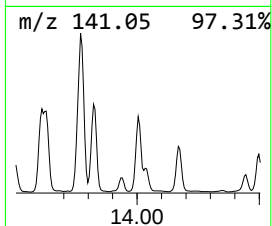
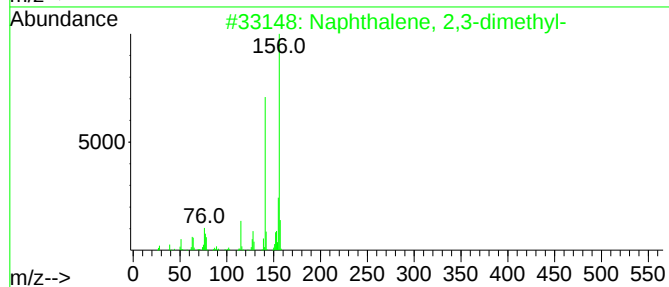
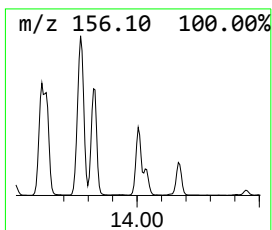
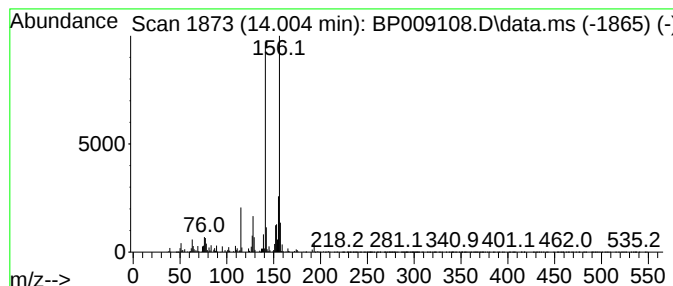
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BNA\_P  
ClientSampleId :  
TP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP020722.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, 2,3-dimethyl- Concentration Rank 16

| R.T.      | EstConc                    | Area    | Relative to ISTD | R.T.        |      |
|-----------|----------------------------|---------|------------------|-------------|------|
| 14.004    | 16.19 ng                   | 2101710 | Acenaphthene-d10 | 14.445      |      |
| Hit# of 5 | Tentative ID               | MW      | MolForm          | CAS#        | Qual |
| 1         | Naphthalene, 2,3-dimethyl- | 156     | C12H12           | 000581-40-8 | 97   |
| 2         | Naphthalene, 1,5-dimethyl- | 156     | C12H12           | 000571-61-9 | 97   |
| 3         | Naphthalene, 1,7-dimethyl- | 156     | C12H12           | 000575-37-1 | 97   |
| 4         | Naphthalene, 1,2-dimethyl- | 156     | C12H12           | 000573-98-8 | 97   |
| 5         | Naphthalene, 1,3-dimethyl- | 156     | C12H12           | 000575-41-7 | 96   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP021022\  
Data File : BP009108.D  
Acq On : 10 Feb 2022 20:03  
Operator : CG/JU  
Sample : N1455-03 2X  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
TP-2

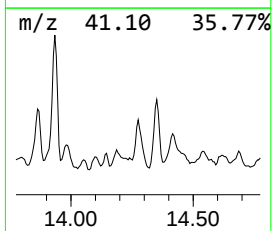
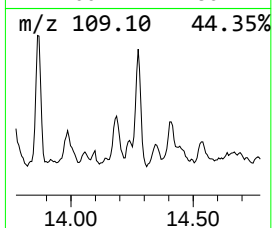
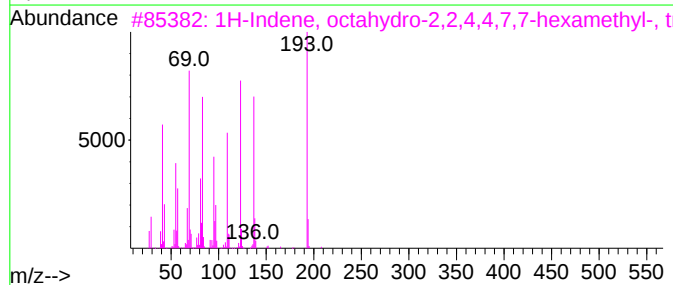
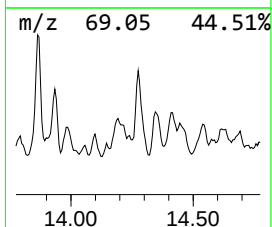
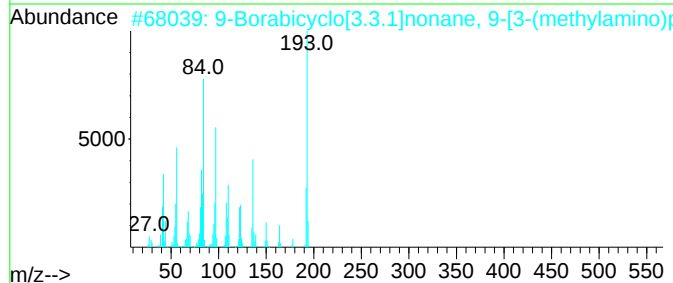
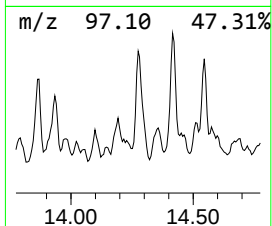
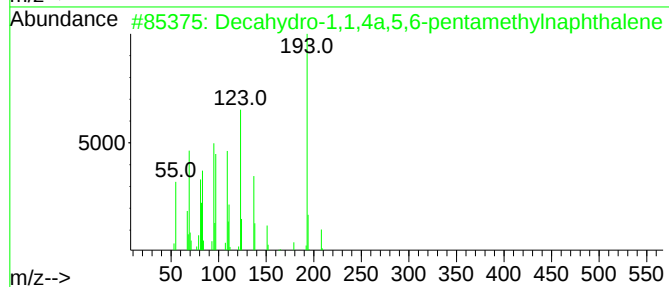
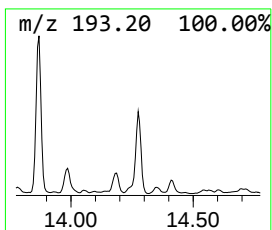
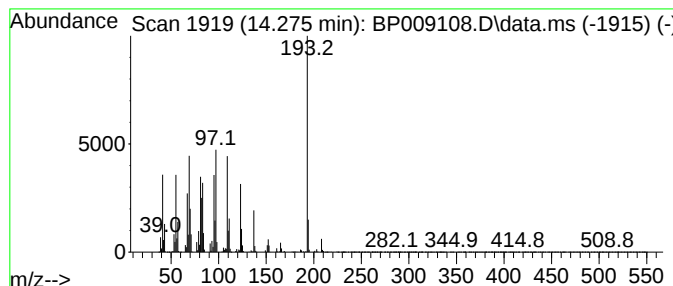
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 9 Decahydro-1,1,4a,5,6-pentam... Concentration Rank 15

| R.T.      | EstConc                             | Area    | Relative to ISTD |          | R.T.         |      |
|-----------|-------------------------------------|---------|------------------|----------|--------------|------|
| 14.275    | 16.80 ng                            | 2181020 | Acenaphthene-d10 |          | 14.445       |      |
| Hit# of 5 | Tentative ID                        |         | MW               | MolForm  | CAS#         | Qual |
| 1         | Decahydro-1,1,4a,5,6-pentamethyl... |         | 208              | C15H28   | 080655-44-3  | 52   |
| 2         | 9-Borabicyclo[3.3.1]nonane, 9-[3... |         | 193              | C12H24BN | 1010162-56-0 | 47   |
| 3         | 1H-Indene, octahydro-2,2,4,4,7,7... |         | 208              | C15H28   | 054832-83-6  | 38   |
| 4         | 2-Pentanone, 4-cyclohexylidene-3... |         | 222              | C15H26O  | 313253-65-5  | 36   |
| 5         | 2-Amino-4-ethylthiomethyl-6-pipe... |         | 253              | C11H19NS | 022362-22-7  | 27   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP021022\  
Data File : BP009108.D  
Acq On : 10 Feb 2022 20:03  
Operator : CG/JU  
Sample : N1455-03 2X  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

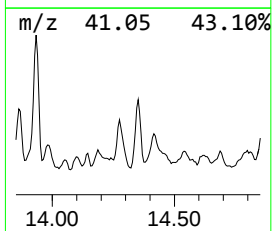
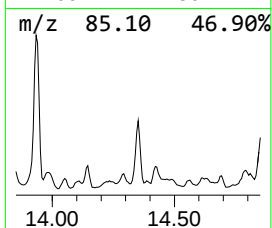
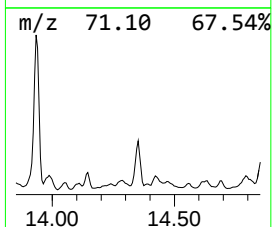
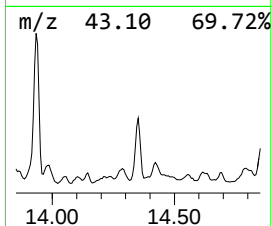
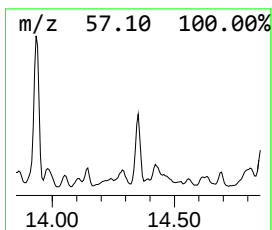
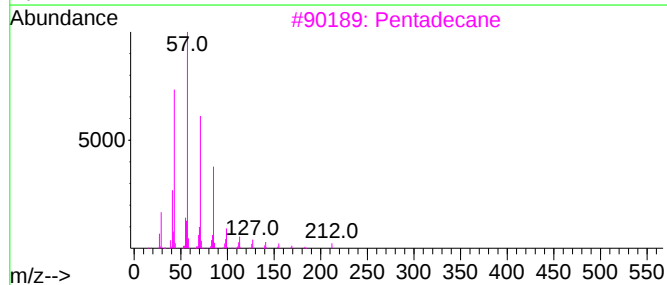
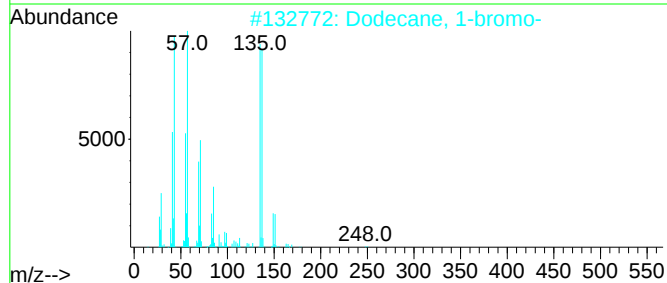
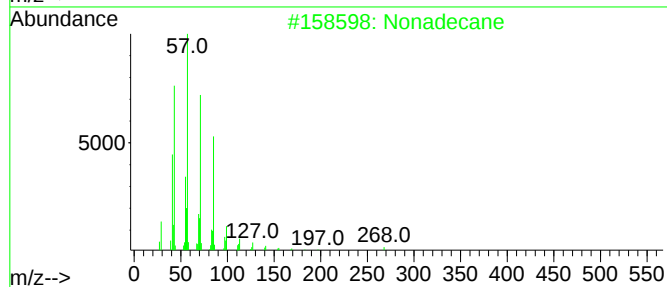
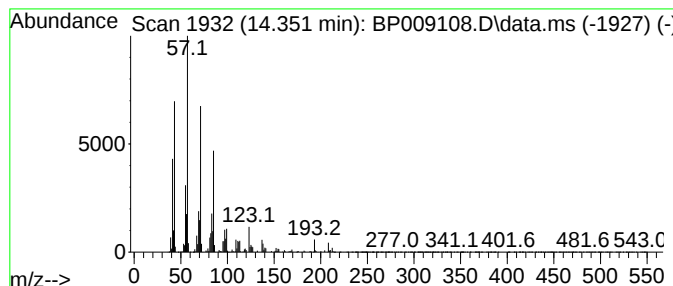
Instrument :  
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ClientSampleId :  
TP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP020722.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 10 Nonadecane Concentration Rank 20

| R.T.      | EstConc              | Area    | Relative to ISTD |          | R.T.        |      |
|-----------|----------------------|---------|------------------|----------|-------------|------|
| 14.351    | 14.42 ng             | 1872180 | Acenaphthene-d10 |          | 14.445      |      |
| Hit# of 5 | Tentative ID         |         | MW               | MolForm  | CAS#        | Qual |
| 1         | Nonadecane           |         | 268              | C19H40   | 000629-92-5 | 87   |
| 2         | Dodecane, 1-bromo-   |         | 248              | C12H25Br | 000143-15-7 | 87   |
| 3         | Pentadecane          |         | 212              | C15H32   | 000629-62-9 | 81   |
| 4         | Tetratetracontane    |         | 619              | C44H90   | 007098-22-8 | 80   |
| 5         | Hexadecane, 1-bromo- |         | 304              | C16H33Br | 000112-82-3 | 76   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP021022\  
Data File : BP009108.D  
Acq On : 10 Feb 2022 20:03  
Operator : CG/JU  
Sample : N1455-03 2X  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

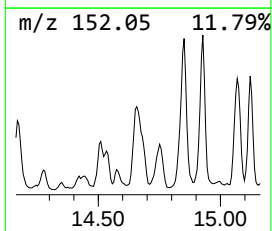
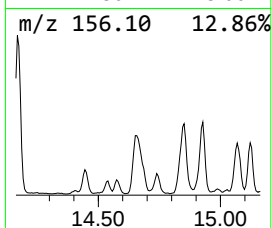
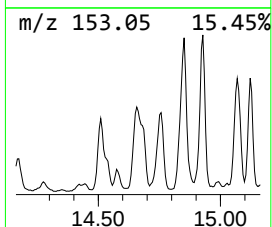
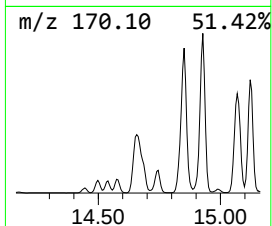
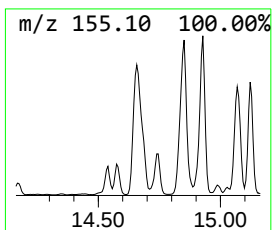
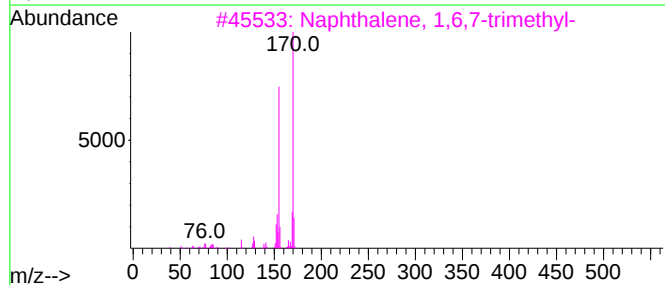
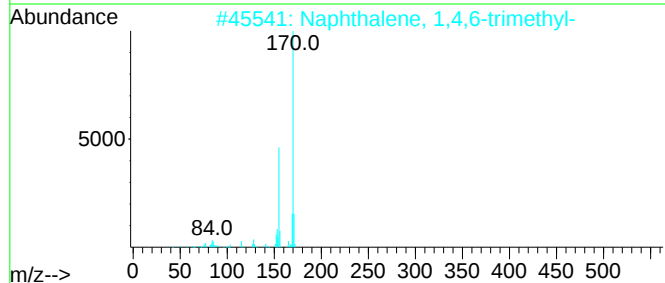
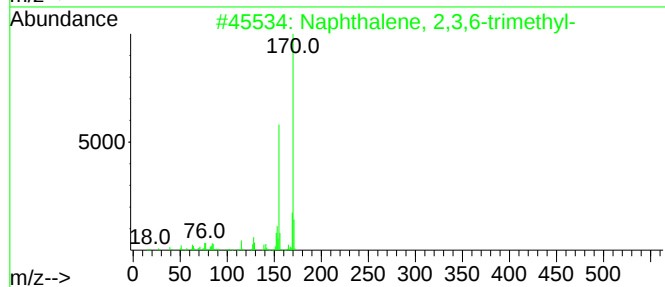
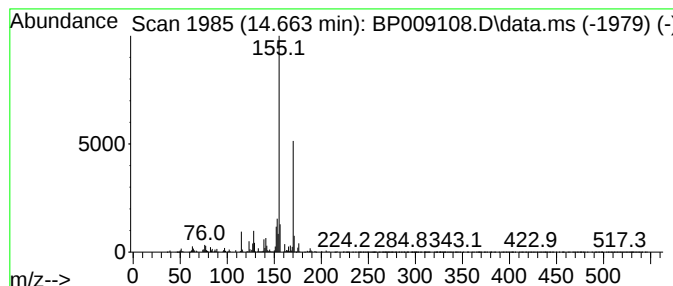
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BNA\_P  
ClientSampleId :  
TP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP020722.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 11 Naphthalene, 2,3,6-trimethyl- Concentration Rank 7

| R.T.      | EstConc                         | Area    | Relative to ISTD | R.T.        |      |
|-----------|---------------------------------|---------|------------------|-------------|------|
| 14.663    | 26.42 ng                        | 3429700 | Acenaphthene-d10 | 14.445      |      |
| Hit# of 5 | Tentative ID                    | MW      | MolForm          | CAS#        | Qual |
| 1         | Naphthalene, 2,3,6-trimethyl-   | 170     | C13H14           | 000829-26-5 | 93   |
| 2         | Naphthalene, 1,4,6-trimethyl-   | 170     | C13H14           | 002131-42-2 | 93   |
| 3         | Naphthalene, 1,6,7-trimethyl-   | 170     | C13H14           | 002245-38-7 | 93   |
| 4         | Naphthalene, 2-(1-methylethyl)- | 170     | C13H14           | 002027-17-0 | 90   |
| 5         | Ethanone, 1-(1-Naphthalenyl)-   | 170     | C12H10O          | 000941-98-0 | 72   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP021022\  
Data File : BP009108.D  
Acq On : 10 Feb 2022 20:03  
Operator : CG/JU  
Sample : N1455-03 2X  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

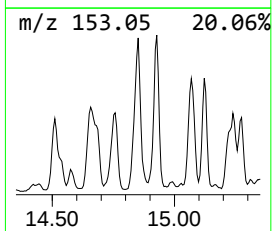
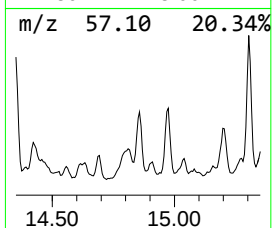
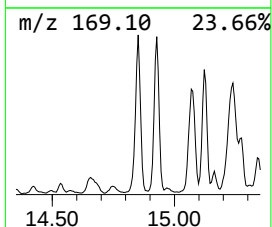
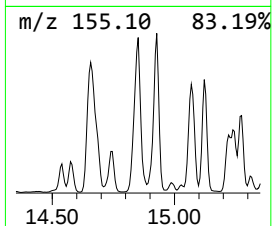
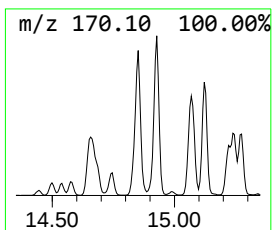
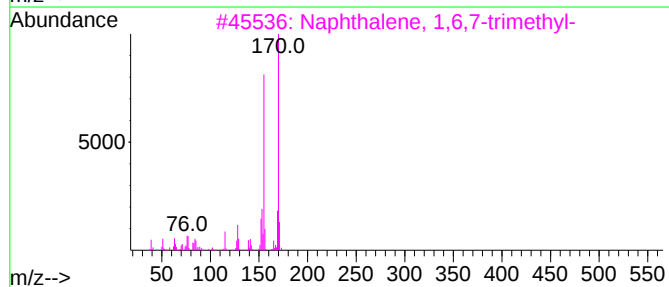
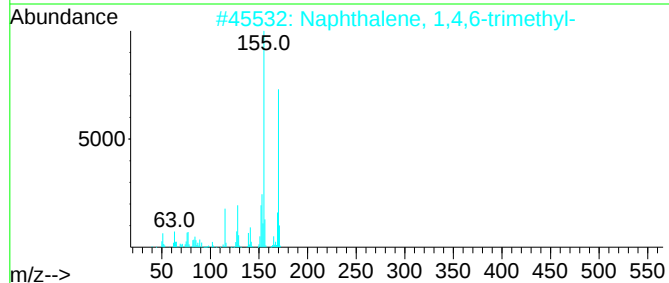
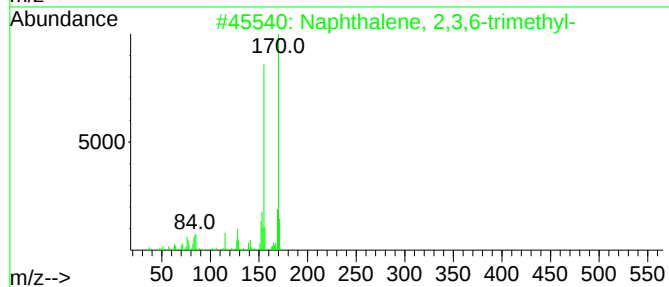
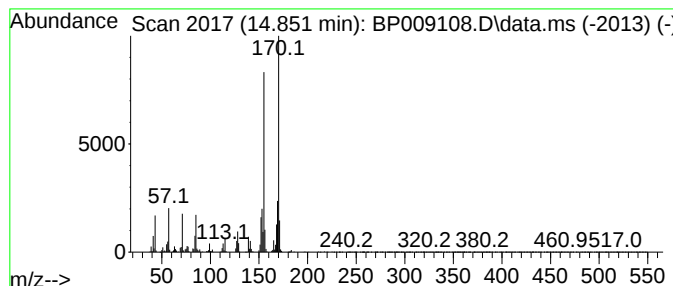
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ClientSampleId :  
TP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP020722.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 12 Naphthalene, 1,4,6-trimethyl- Concentration Rank 8

| R.T.      | EstConc                         | Area    | Relative to ISTD | R.T.         |      |
|-----------|---------------------------------|---------|------------------|--------------|------|
| 14.851    | 24.86 ng                        | 3226610 | Acenaphthene-d10 | 14.445       |      |
| Hit# of 5 | Tentative ID                    | MW      | MolForm          | CAS#         | Qual |
| 1         | Naphthalene, 2,3,6-trimethyl-   | 170     | C13H14           | 000829-26-5  | 97   |
| 2         | Naphthalene, 1,4,6-trimethyl-   | 170     | C13H14           | 002131-42-2  | 96   |
| 3         | Naphthalene, 1,6,7-trimethyl-   | 170     | C13H14           | 002245-38-7  | 96   |
| 4         | 4,6,8-Trimethylazulene          | 170     | C13H14           | 000941-81-1  | 90   |
| 5         | 3-(2-Methyl-propenyl)-1H-indene | 170     | C13H14           | 1000187-78-5 | 90   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP021022\  
Data File : BP009108.D  
Acq On : 10 Feb 2022 20:03  
Operator : CG/JU  
Sample : N1455-03 2X  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
TP-2

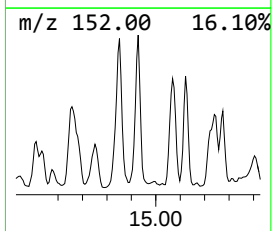
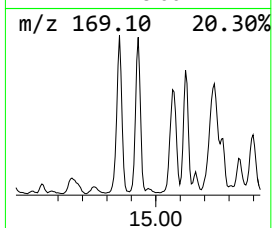
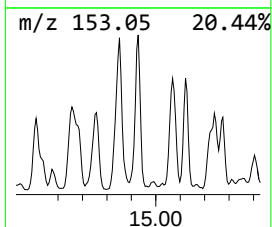
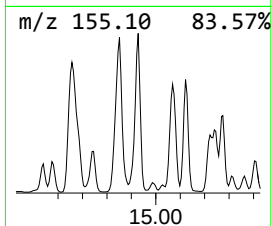
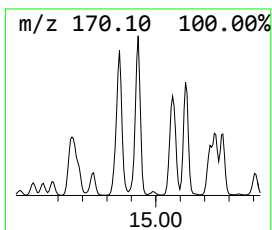
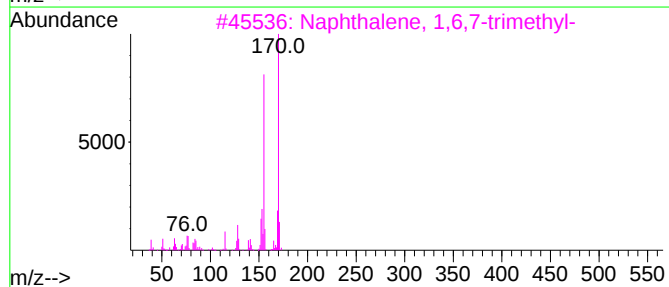
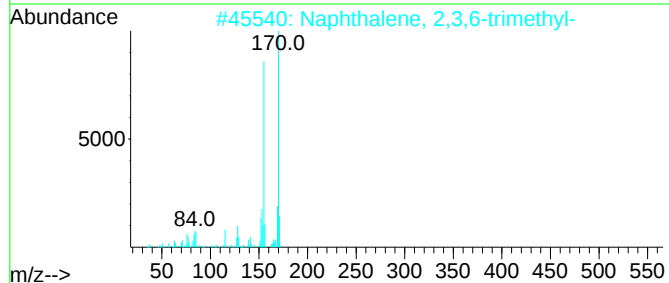
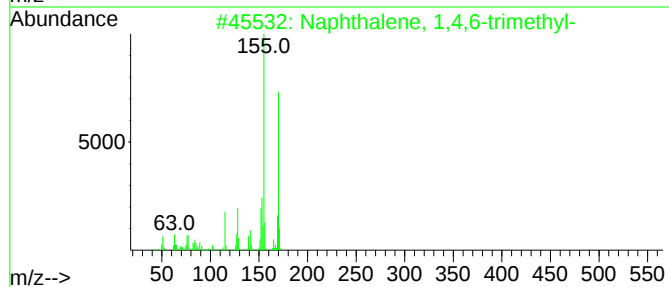
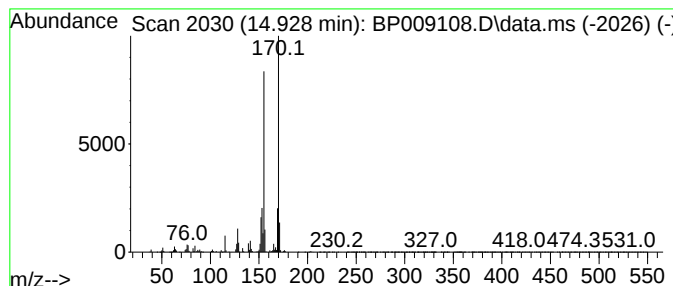
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 13 Naphthalene, 1,6,7-trimethyl- Concentration Rank 12

| R.T.      | EstConc                       | Area    | Relative to ISTD |         | R.T.        |      |
|-----------|-------------------------------|---------|------------------|---------|-------------|------|
| 14.928    | 17.96 ng                      | 2330540 | Acenaphthene-d10 |         | 14.445      |      |
| Hit# of 5 | Tentative ID                  |         | MW               | MolForm | CAS#        | Qual |
| 1         | Naphthalene, 1,4,6-trimethyl- |         | 170              | C13H14  | 002131-42-2 | 97   |
| 2         | Naphthalene, 2,3,6-trimethyl- |         | 170              | C13H14  | 000829-26-5 | 96   |
| 3         | Naphthalene, 1,6,7-trimethyl- |         | 170              | C13H14  | 002245-38-7 | 96   |
| 4         | Naphthalene, 1,4,5-trimethyl- |         | 170              | C13H14  | 002131-41-1 | 93   |
| 5         | 4,6,8-Trimethylazulene        |         | 170              | C13H14  | 000941-81-1 | 90   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP021022\  
Data File : BP009108.D  
Acq On : 10 Feb 2022 20:03  
Operator : CG/JU  
Sample : N1455-03 2X  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
TP-2

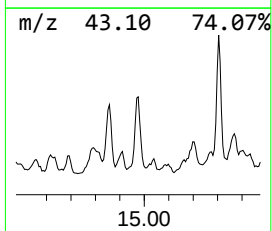
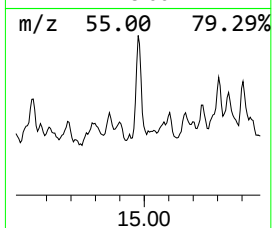
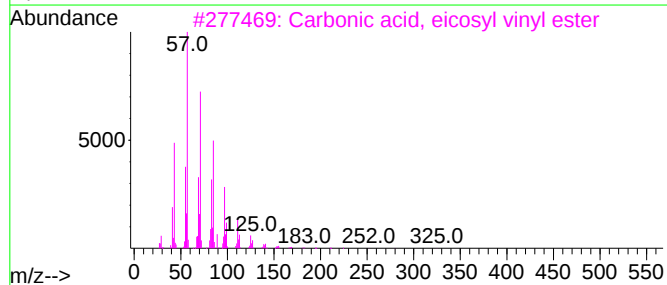
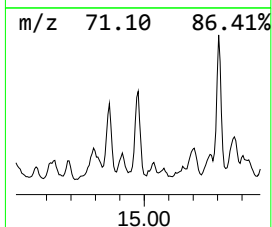
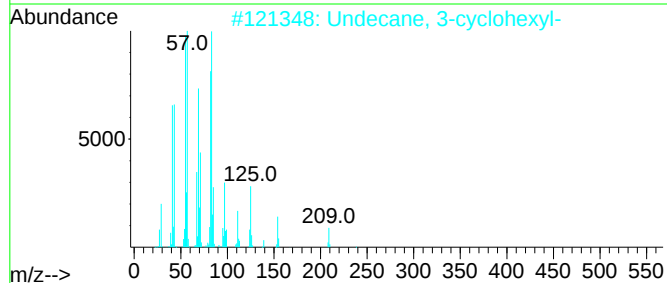
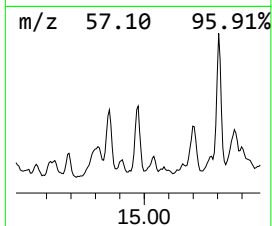
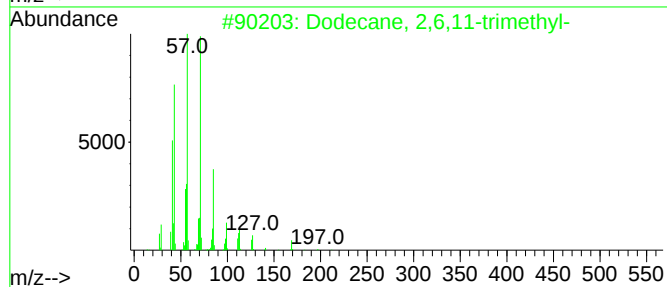
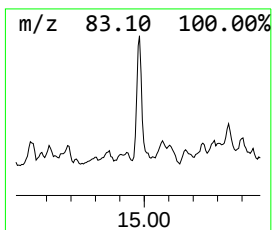
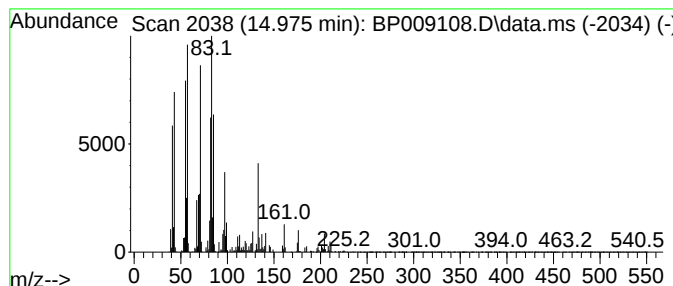
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 14 unknown14.975 Concentration Rank 19

| R.T.   | EstConc  | Area    | Relative to ISTD | R.T.   |
|--------|----------|---------|------------------|--------|
| 14.975 | 14.71 ng | 1909350 | Acenaphthene-d10 | 14.445 |

| Hit# | of | 5 | Tentative ID                       | MW  | MolForm  | CAS#         | Qual |
|------|----|---|------------------------------------|-----|----------|--------------|------|
| 1    |    |   | Dodecane, 2,6,11-trimethyl-        | 212 | C15H32   | 031295-56-4  | 47   |
| 2    |    |   | Undecane, 3-cyclohexyl-            | 238 | C17H34   | 013151-78-5  | 43   |
| 3    |    |   | Carbonic acid, eicosyl vinyl ester | 368 | C23H44O3 | 1000382-54-3 | 43   |
| 4    |    |   | Heptadecane, 8-methyl-             | 254 | C18H38   | 013287-23-5  | 42   |
| 5    |    |   | Hexacosane                         | 366 | C26H54   | 000630-01-3  | 38   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP021022\  
Data File : BP009108.D  
Acq On : 10 Feb 2022 20:03  
Operator : CG/JU  
Sample : N1455-03 2X  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

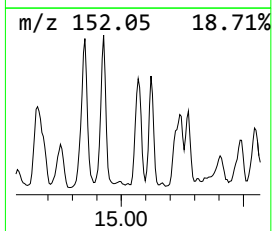
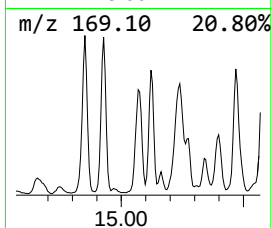
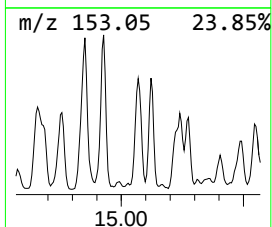
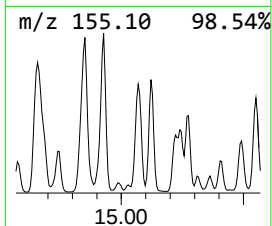
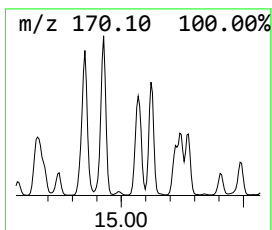
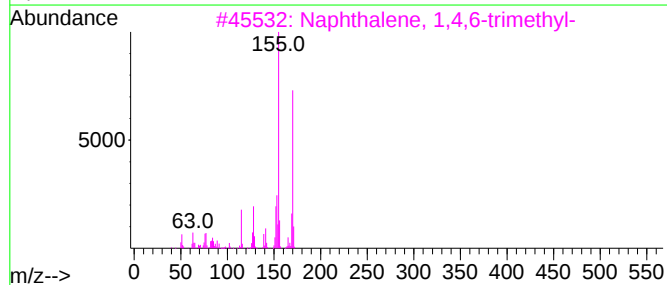
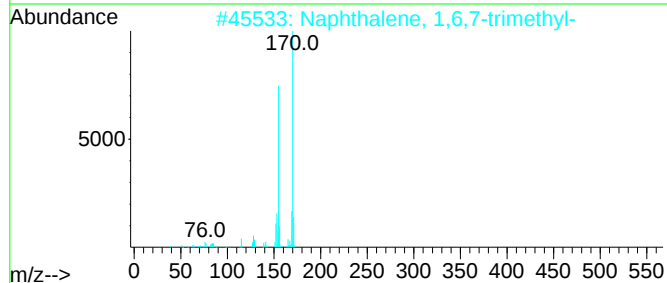
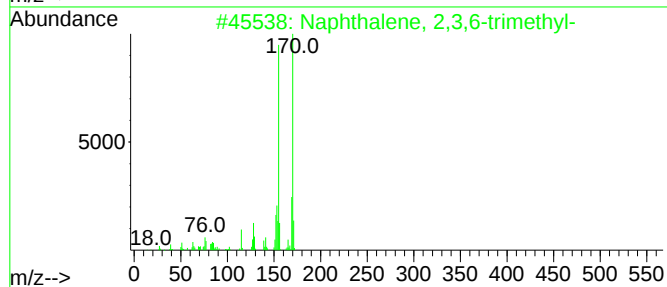
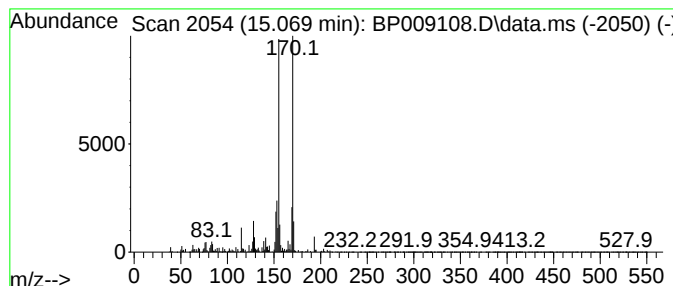
Instrument :  
BNA\_P  
ClientSampleId :  
TP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP020722.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 15 4,6,8-Trimethylazulene Concentration Rank 14

| R.T.      | EstConc                       | Area    | Relative to ISTD | R.T.        |      |
|-----------|-------------------------------|---------|------------------|-------------|------|
| 15.069    | 16.95 ng                      | 2200550 | Acenaphthene-d10 | 14.445      |      |
| Hit# of 5 | Tentative ID                  | MW      | MolForm          | CAS#        | Qual |
| 1         | Naphthalene, 2,3,6-trimethyl- | 170     | C13H14           | 000829-26-5 | 98   |
| 2         | Naphthalene, 1,6,7-trimethyl- | 170     | C13H14           | 002245-38-7 | 97   |
| 3         | Naphthalene, 1,4,6-trimethyl- | 170     | C13H14           | 002131-42-2 | 96   |
| 4         | 4,6,8-Trimethylazulene        | 170     | C13H14           | 000941-81-1 | 94   |
| 5         | Naphthalene, 1,4,5-trimethyl- | 170     | C13H14           | 002131-41-1 | 93   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP021022\  
Data File : BP009108.D  
Acq On : 10 Feb 2022 20:03  
Operator : CG/JU  
Sample : N1455-03 2X  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
TP-2

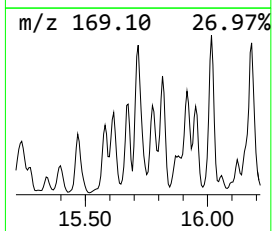
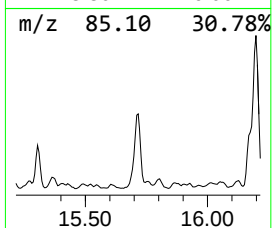
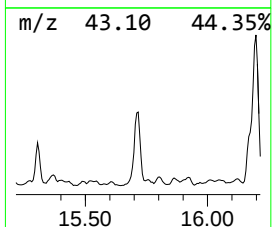
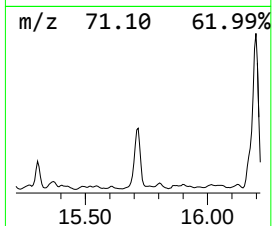
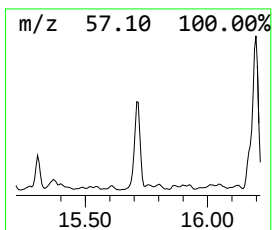
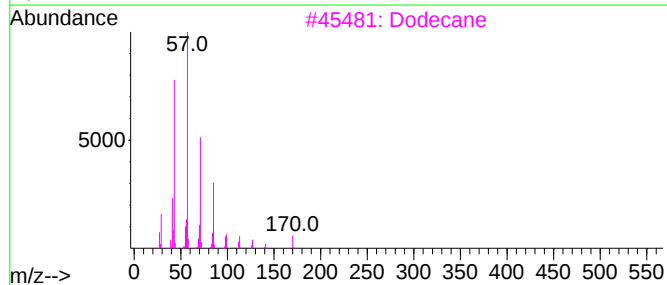
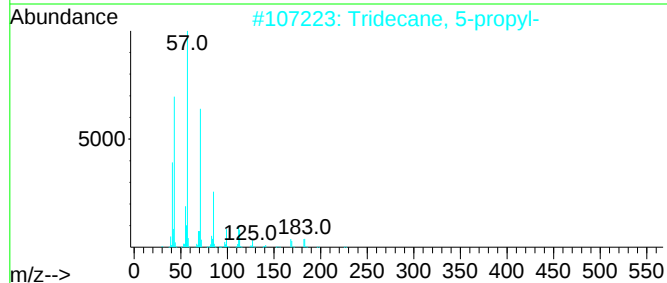
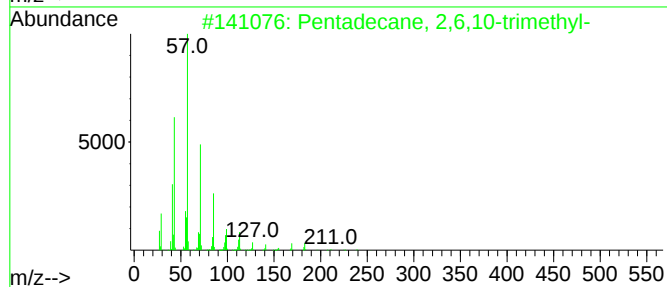
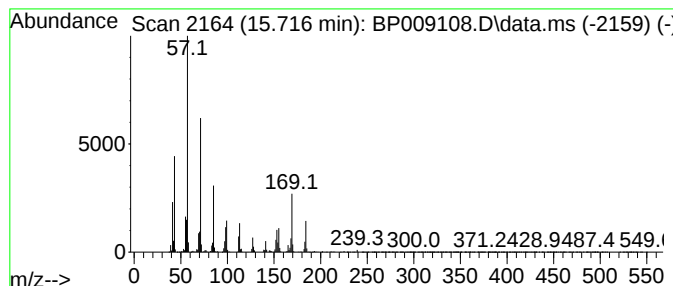
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 16 Pentadecane, 2,6,10-trimethyl- Concentration Rank 5

| R.T.      | EstConc                            | Area    | Relative to ISTD | R.T.        |      |
|-----------|------------------------------------|---------|------------------|-------------|------|
| 15.716    | 34.14 ng                           | 4431480 | Acenaphthene-d10 | 14.445      |      |
| Hit# of 5 | Tentative ID                       | MW      | MolForm          | CAS#        | Qual |
| 1         | Pentadecane, 2,6,10-trimethyl-     | 254     | C18H38           | 003892-00-0 | 83   |
| 2         | Tridecane, 5-propyl-               | 226     | C16H34           | 055045-11-9 | 55   |
| 3         | Dodecane                           | 170     | C12H26           | 000112-40-3 | 49   |
| 4         | Hexadecane, 2,6,10,14-tetramethyl- | 282     | C20H42           | 000638-36-8 | 49   |
| 5         | Tridecane, 3-methyl-               | 198     | C14H30           | 006418-41-3 | 47   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP021022\  
Data File : BP009108.D  
Acq On : 10 Feb 2022 20:03  
Operator : CG/JU  
Sample : N1455-03 2X  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
TP-2

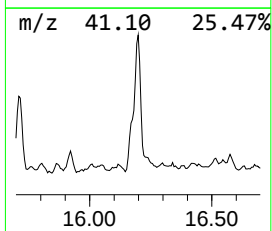
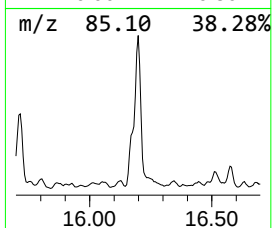
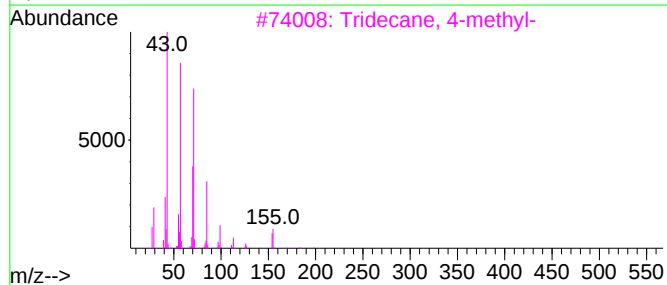
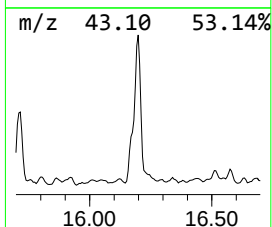
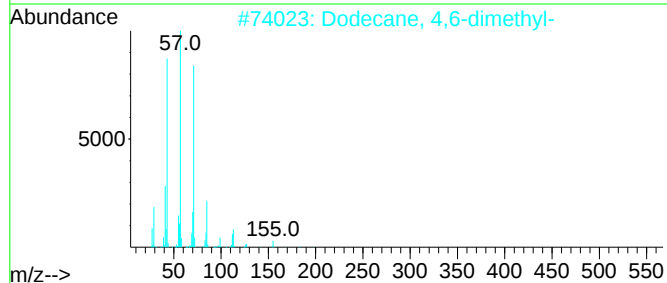
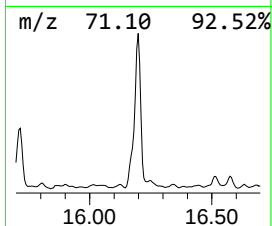
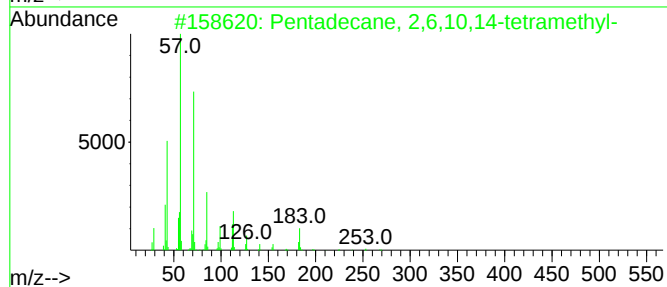
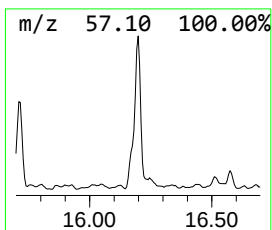
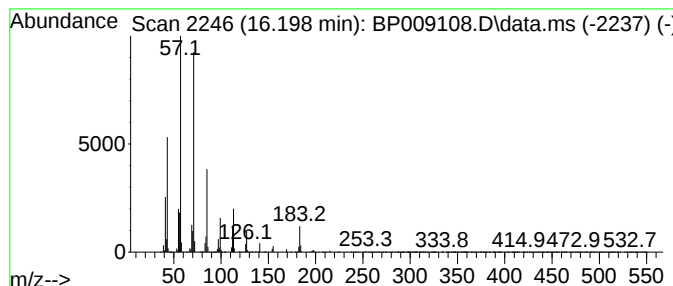
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 17 Pentadecane, 2,6,10,14-tetr... Concentration Rank 1

| R.T.      | EstConc                             | Area     | Relative to ISTD |         |             | R.T.   |
|-----------|-------------------------------------|----------|------------------|---------|-------------|--------|
| 16.198    | 69.45 ng                            | 10786400 | Phenanthrene-d10 |         |             | 17.204 |
| Hit# of 5 | Tentative ID                        |          | MW               | MolForm | CAS#        | Qual   |
| 1         | Pentadecane, 2,6,10,14-tetramethyl- |          | 268              | C19H40  | 001921-70-6 | 91     |
| 2         | Dodecane, 4,6-dimethyl-             |          | 198              | C14H30  | 061141-72-8 | 80     |
| 3         | Tridecane, 4-methyl-                |          | 198              | C14H30  | 026730-12-1 | 76     |
| 4         | Nonane, 2-methyl-5-propyl-          |          | 184              | C13H28  | 031081-17-1 | 72     |
| 5         | Pentadecane, 7-methyl-              |          | 226              | C16H34  | 006165-40-8 | 72     |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP021022\  
Data File : BP009108.D  
Acq On : 10 Feb 2022 20:03  
Operator : CG/JU  
Sample : N1455-03 2X  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

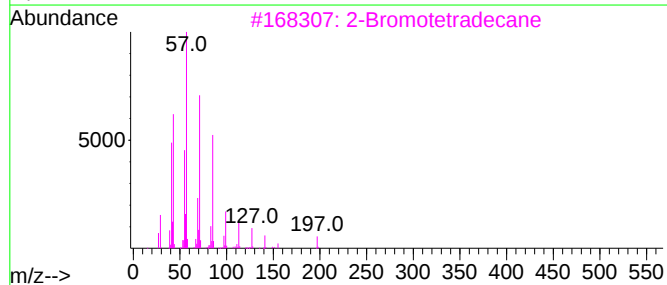
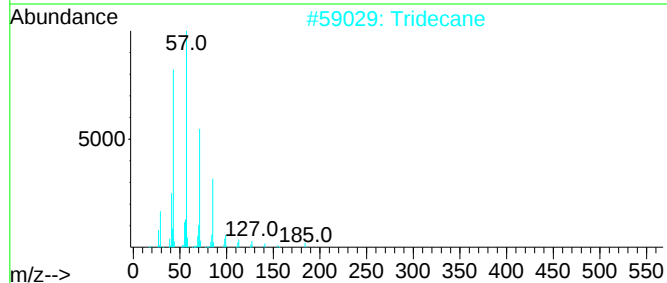
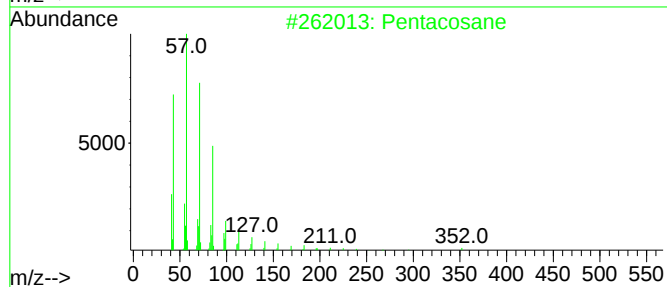
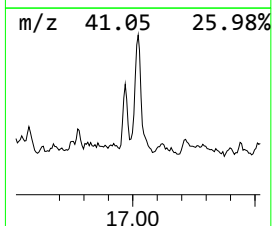
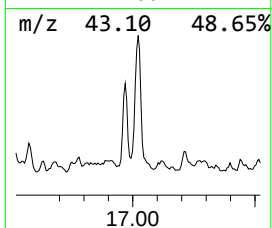
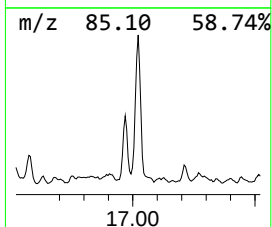
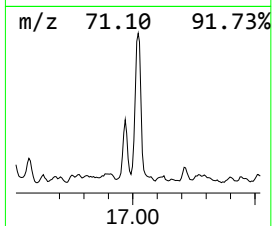
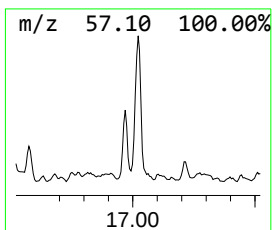
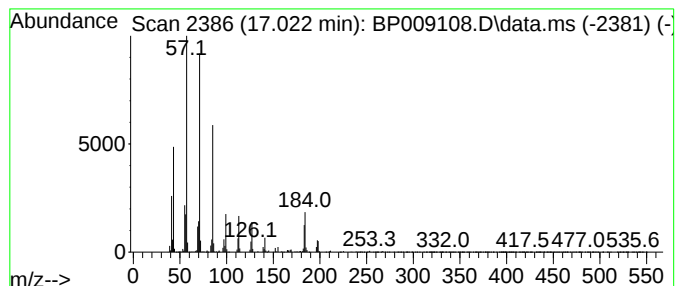
Instrument :  
BNA\_P  
ClientSampleId :  
TP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP020722.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 18 Pentacosane Concentration Rank 3

| R.T.      | EstConc             | Area    | Relative to ISTD |          | R.T.        |      |
|-----------|---------------------|---------|------------------|----------|-------------|------|
| 17.022    | 38.93 ng            | 6046750 | Phenanthrene-d10 |          | 17.204      |      |
| Hit# of 5 | Tentative ID        |         | MW               | MolForm  | CAS#        | Qual |
| 1         | Pentacosane         |         | 352              | C25H52   | 000629-99-2 | 91   |
| 2         | Tridecane           |         | 184              | C13H28   | 000629-50-5 | 87   |
| 3         | 2-Bromotetradecane  |         | 276              | C14H29Br | 074036-95-6 | 83   |
| 4         | Tetradecane         |         | 198              | C14H30   | 000629-59-4 | 83   |
| 5         | Octadecane, 1-iodo- |         | 380              | C18H37I  | 000629-93-6 | 80   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP021022\  
Data File : BP009108.D  
Acq On : 10 Feb 2022 20:03  
Operator : CG/JU  
Sample : N1455-03 2X  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
TP-2

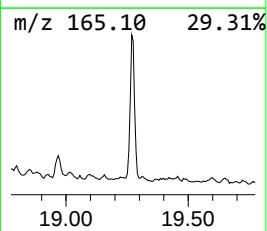
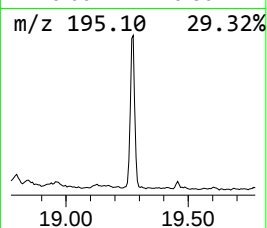
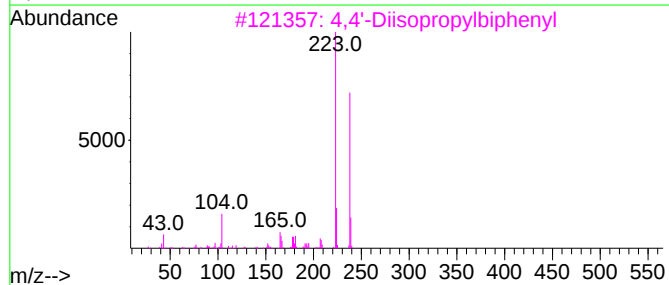
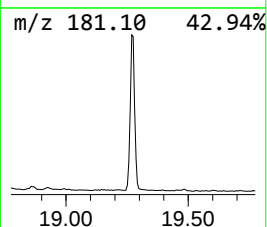
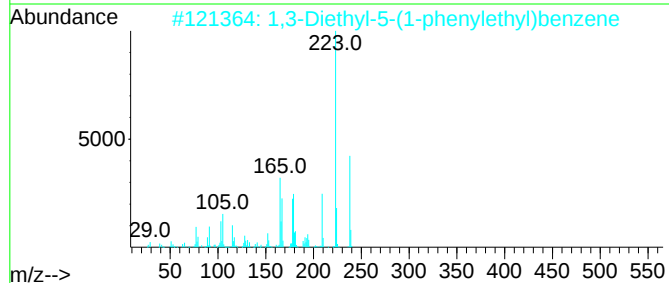
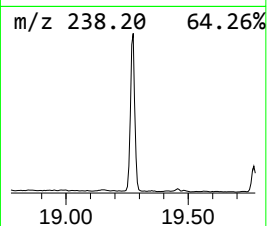
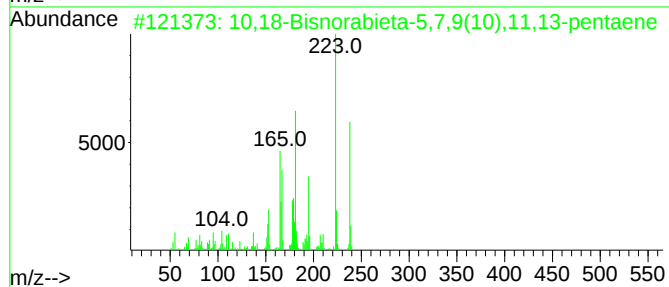
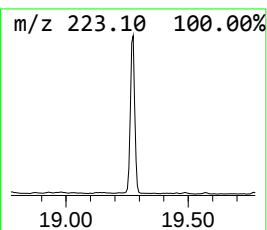
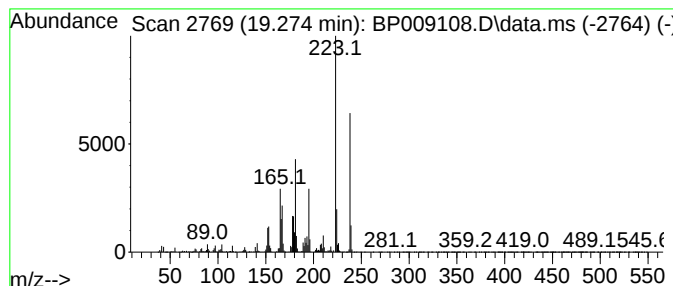
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 19 10,18-Bisnorabieta-5,7,9(10... Concentration Rank 10

| R.T.   | EstConc  | Area    | Relative to ISTD | R.T.   |
|--------|----------|---------|------------------|--------|
| 19.275 | 19.66 ng | 3246610 | Chrysene-d12     | 21.304 |

| Hit# | of                                  | 5   | Tentative ID | MW           | MolForm | CAS# | Qual |
|------|-------------------------------------|-----|--------------|--------------|---------|------|------|
| 1    | 10,18-Bisnorabieta-5,7,9(10),11,... | 238 | C18H22       | 006566-19-4  | 99      |      |      |
| 2    | 1,3-Diethyl-5-(1-phenylethyl)ben... | 238 | C18H22       | 1000482-32-6 | 89      |      |      |
| 3    | 4,4'-Diisopropylbiphenyl            | 238 | C18H22       | 018970-30-4  | 64      |      |      |
| 4    | 2-Propenoic acid, 3-(3,4,5-trime... | 238 | C12H14O5     | 000090-50-6  | 53      |      |      |
| 5    | N-(4-Ethylphenyl)-1,3-benzoxazol... | 238 | C15H14N2O    | 770710-42-4  | 49      |      |      |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP021022\  
Data File : BP009108.D  
Acq On : 10 Feb 2022 20:03  
Operator : CG/JU  
Sample : N1455-03 2X  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
TP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP020722.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

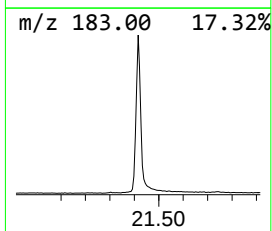
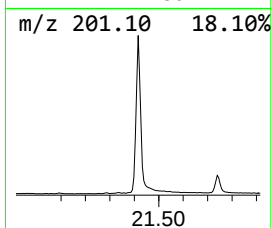
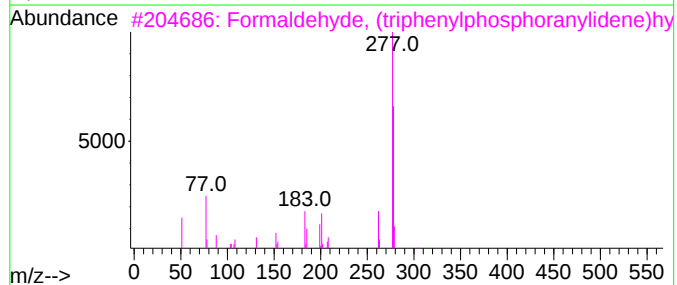
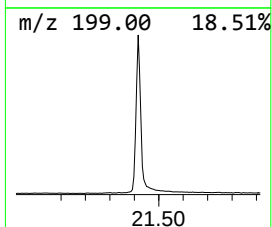
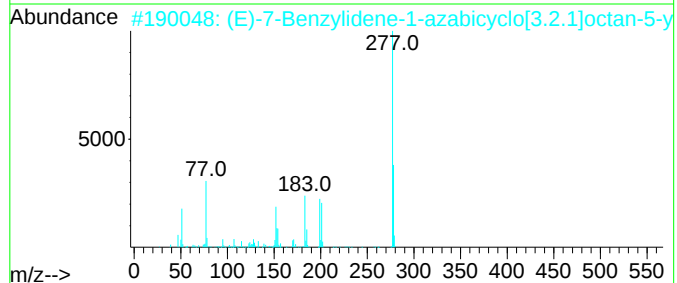
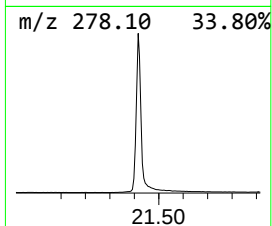
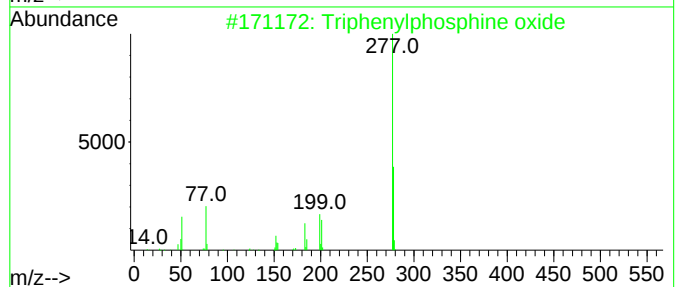
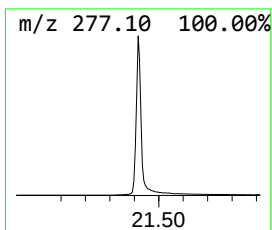
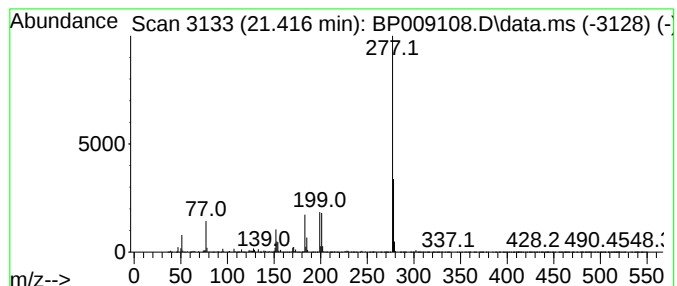
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 20 Triphenylphosphine oxide Concentration Rank 2

| R.T.   | EstConc  | Area    | Relative to ISTD | R.T.   |
|--------|----------|---------|------------------|--------|
| 21.416 | 57.07 ng | 9423110 | Chrysene-d12     | 21.304 |

| Hit# | of 5 | Tentative ID                         | MW  | MolForm     | CAS#         | Qual |
|------|------|--------------------------------------|-----|-------------|--------------|------|
| 1    |      | Triphenylphosphine oxide             | 278 | C18H15OP    | 000791-28-6  | 96   |
| 2    |      | (E)-7-Benzylidene-1-azabicyclo[3...] | 293 | C15H19NO3S  | 1000483-83-4 | 91   |
| 3    |      | Formaldehyde, (triphenylphosphor...] | 304 | C19H17N2P   | 015990-54-2  | 47   |
| 4    |      | (Carbethoxymethyl)-triphenylphos...  | 428 | C22H22BrO2P | 001530-45-6  | 40   |
| 5    |      | 3-(3,4-Dichlorophenyl)-2-thioxo-...  | 277 | C9H5Cl2NOS2 | 017046-34-3  | 37   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP021022\  
Data File : BP009108.D  
Acq On : 10 Feb 2022 20:03  
Operator : CG/JU  
Sample : N1455-03 2X  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
TP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP020722.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 |
| Sulfurous acid,... | 11.634 | 15.9    | ng    | 2666940  | 2                     | 10.599 | 3350460 | 20.0 |
| Dodecane, 2,6,1... | 12.987 | 21.3    | ng    | 2760120  | 3                     | 14.445 | 2595870 | 20.0 |
| Naphthalene, 2,... | 13.610 | 17.1    | ng    | 2224840  | 3                     | 14.445 | 2595870 | 20.0 |
| Naphthalene, 1,... | 13.769 | 35.9    | ng    | 4655210  | 3                     | 14.445 | 2595870 | 20.0 |
| Naphthalene, 2,... | 13.822 | 18.7    | ng    | 2422060  | 3                     | 14.445 | 2595870 | 20.0 |
| 1H-Indene, octa... | 13.863 | 15.7    | ng    | 2033330  | 3                     | 14.445 | 2595870 | 20.0 |
| 2,6,10-Trimethy... | 13.934 | 29.9    | ng    | 3875090  | 3                     | 14.445 | 2595870 | 20.0 |
| Naphthalene, 2,... | 14.004 | 16.2    | ng    | 2101710  | 3                     | 14.445 | 2595870 | 20.0 |
| Decahydro-1,1,4... | 14.275 | 16.8    | ng    | 2181020  | 3                     | 14.445 | 2595870 | 20.0 |
| Nonadecane         | 14.351 | 14.4    | ng    | 1872180  | 3                     | 14.445 | 2595870 | 20.0 |
| Naphthalene, 2,... | 14.663 | 26.4    | ng    | 3429700  | 3                     | 14.445 | 2595870 | 20.0 |
| Naphthalene, 1,... | 14.851 | 24.9    | ng    | 3226610  | 3                     | 14.445 | 2595870 | 20.0 |
| Naphthalene, 1,... | 14.928 | 18.0    | ng    | 2330540  | 3                     | 14.445 | 2595870 | 20.0 |
| unknown14.975      | 14.975 | 14.7    | ng    | 1909350  | 3                     | 14.445 | 2595870 | 20.0 |
| 4,6,8-Trimethyl... | 15.069 | 16.9    | ng    | 2200550  | 3                     | 14.445 | 2595870 | 20.0 |
| Pentadecane, 2,... | 15.716 | 34.1    | ng    | 4431480  | 3                     | 14.445 | 2595870 | 20.0 |
| Pentadecane, 2,... | 16.198 | 69.5    | ng    | 10786400 | 4                     | 17.204 | 3106170 | 20.0 |
| Pentacosane        | 17.022 | 38.9    | ng    | 6046750  | 4                     | 17.204 | 3106170 | 20.0 |
| 10,18-Bisnorabi... | 19.275 | 19.7    | ng    | 3246610  | 5                     | 21.304 | 3302430 | 20.0 |
| Triphenylphosph... | 21.416 | 57.1    | ng    | 9423110  | 5                     | 21.304 | 3302430 | 20.0 |