

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP120925\  
 Data File : BP026271.D  
 Acq On : 09 Dec 2025 21:45  
 Operator : RC/JU  
 Sample : Q3806-04  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 TR-05-12-5-2025

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-BP111825.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP026271.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         | 4.819       | 313           | 320         | 331          | rBV      | 445375         | 621882        | 10.10%          | 0.707%        |
| 2         | 5.278       | 390           | 398         | 407          | rBV      | 1808544        | 2736684       | 44.44%          | 3.112%        |
| 3         | 6.372       | 579           | 584         | 592          | rVB      | 107874         | 162909        | 2.65%           | 0.185%        |
| 4         | 6.837       | 655           | 663         | 670          | rBV      | 1690964        | 2781777       | 45.17%          | 3.163%        |
| 5         | 7.296       | 736           | 741         | 748          | rBV2     | 94907          | 154395        | 2.51%           | 0.176%        |
| 6         | 7.655       | 795           | 802         | 812          | rBV      | 959044         | 1562053       | 25.37%          | 1.776%        |
| 7         | 8.196       | 888           | 894         | 899          | rBV3     | 71799          | 165288        | 2.68%           | 0.188%        |
| 8         | 8.749       | 979           | 988         | 990          | rBV      | 151852         | 291170        | 4.73%           | 0.331%        |
| 9         | 8.790       | 990           | 995         | 1002         | rVV      | 1113378        | 1834550       | 29.79%          | 2.086%        |
| 10        | 8.878       | 1005          | 1010        | 1019         | rVB      | 408632         | 648414        | 10.53%          | 0.737%        |
| 11        | 8.996       | 1019          | 1030        | 1037         | rVB9     | 109615         | 333583        | 5.42%           | 0.379%        |
| 12        | 9.354       | 1087          | 1091        | 1096         | rVB3     | 133548         | 215203        | 3.49%           | 0.245%        |
| 13        | 9.519       | 1109          | 1119        | 1122         | rBV3     | 89382          | 180592        | 2.93%           | 0.205%        |
| 14        | 9.560       | 1122          | 1126        | 1130         | rVV3     | 132006         | 232902        | 3.78%           | 0.265%        |
| 15        | 9.613       | 1130          | 1135        | 1142         | rVV5     | 140918         | 357480        | 5.81%           | 0.407%        |
| 16        | 9.713       | 1142          | 1152        | 1157         | rVV3     | 137172         | 415434        | 6.75%           | 0.472%        |
| 17        | 9.784       | 1159          | 1164        | 1167         | rVV      | 189715         | 307219        | 4.99%           | 0.349%        |
| 18        | 9.825       | 1167          | 1171        | 1174         | rVV2     | 223179         | 364509        | 5.92%           | 0.415%        |
| 19        | 9.860       | 1174          | 1177        | 1180         | rVV2     | 171787         | 288966        | 4.69%           | 0.329%        |
| 20        | 9.890       | 1180          | 1182        | 1187         | rVV2     | 140715         | 193908        | 3.15%           | 0.221%        |
| 21        | 9.966       | 1190          | 1195        | 1199         | rVV2     | 114530         | 236583        | 3.84%           | 0.269%        |
| 22        | 10.013      | 1199          | 1203        | 1206         | rVV5     | 93125          | 187517        | 3.05%           | 0.213%        |
| 23        | 10.054      | 1206          | 1210        | 1216         | rVB      | 166384         | 275865        | 4.48%           | 0.314%        |
| 24        | 10.125      | 1217          | 1222        | 1227         | rBV      | 102010         | 171562        | 2.79%           | 0.195%        |
| 25        | 10.207      | 1231          | 1236        | 1241         | rVB3     | 77760          | 139862        | 2.27%           | 0.159%        |
| 26        | 10.331      | 1253          | 1257        | 1261         | rBV6     | 81305          | 129618        | 2.10%           | 0.147%        |
| 27        | 10.413      | 1261          | 1271        | 1277         | rBV2     | 1766133        | 3322688       | 53.96%          | 3.779%        |
| 28        | 10.543      | 1289          | 1293        | 1297         | rVB3     | 106353         | 179720        | 2.92%           | 0.204%        |
| 29        | 10.590      | 1297          | 1301        | 1306         | rVB      | 273613         | 393786        | 6.39%           | 0.448%        |
| 30        | 10.719      | 1319          | 1323        | 1328         | rVB4     | 77545          | 136927        | 2.22%           | 0.156%        |
| 31        | 10.825      | 1333          | 1341        | 1346         | rVV7     | 109671         | 279212        | 4.53%           | 0.318%        |
| 32        | 10.878      | 1346          | 1350        | 1353         | rVV      | 141381         | 246820        | 4.01%           | 0.281%        |
| 33        | 10.913      | 1353          | 1356        | 1361         | rVB2     | 131923         | 192607        | 3.13%           | 0.219%        |
| 34        | 10.990      | 1365          | 1369        | 1374         | rBV2     | 84579          | 136745        | 2.22%           | 0.156%        |
| 35        | 11.125      | 1380          | 1392        | 1399         | rBV6     | 212576         | 715597        | 11.62%          | 0.814%        |
| 36        | 11.184      | 1399          | 1402        | 1409         | rVB3     | 120167         | 226426        | 3.68%           | 0.257%        |

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Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

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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-BP111825.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 37 | 11.260 | 1410 | 1415 | 1422 | rBV3 | 199528  | 371437  | 6.03%  | 0.422% |
| 38 | 11.337 | 1422 | 1428 | 1436 | rBV3 | 182826  | 477160  | 7.75%  | 0.543% |
| 39 | 11.454 | 1442 | 1448 | 1456 | rBV3 | 407143  | 890780  | 14.47% | 1.013% |
| 40 | 11.519 | 1457 | 1459 | 1466 | rVB2 | 112031  | 183579  | 2.98%  | 0.209% |
| 41 | 11.607 | 1469 | 1474 | 1483 | rVB3 | 364787  | 693176  | 11.26% | 0.788% |
| 42 | 11.854 | 1510 | 1516 | 1528 | rVV  | 823273  | 1595811 | 25.91% | 1.815% |
| 43 | 11.966 | 1531 | 1535 | 1544 | rVV4 | 232759  | 622726  | 10.11% | 0.708% |
| 44 | 12.078 | 1547 | 1554 | 1562 | rVB4 | 284576  | 714810  | 11.61% | 0.813% |
| 45 | 12.343 | 1594 | 1599 | 1604 | rVV3 | 369703  | 581334  | 9.44%  | 0.661% |
| 46 | 12.496 | 1616 | 1625 | 1629 | rBV5 | 143895  | 383476  | 6.23%  | 0.436% |
| 47 | 12.548 | 1629 | 1634 | 1639 | rVB4 | 123102  | 253367  | 4.11%  | 0.288% |
| 48 | 12.607 | 1640 | 1644 | 1649 | rBV6 | 119794  | 247622  | 4.02%  | 0.282% |
| 49 | 12.684 | 1654 | 1657 | 1661 | rVB2 | 138953  | 185973  | 3.02%  | 0.211% |
| 50 | 12.760 | 1666 | 1670 | 1676 | rBV5 | 213060  | 510896  | 8.30%  | 0.581% |
| 51 | 12.819 | 1676 | 1680 | 1685 | rVV2 | 558955  | 849657  | 13.80% | 0.966% |
| 52 | 12.890 | 1685 | 1692 | 1701 | rVB  | 2733826 | 4372224 | 71.00% | 4.972% |
| 53 | 13.107 | 1722 | 1729 | 1737 | rBV  | 1018450 | 1777033 | 28.86% | 2.021% |
| 54 | 13.207 | 1742 | 1746 | 1753 | rVV3 | 305700  | 631110  | 10.25% | 0.718% |
| 55 | 13.266 | 1753 | 1756 | 1761 | rVB3 | 173658  | 255072  | 4.14%  | 0.290% |
| 56 | 13.431 | 1779 | 1784 | 1792 | rBV7 | 187331  | 478509  | 7.77%  | 0.544% |
| 57 | 13.554 | 1801 | 1805 | 1807 | rBV5 | 124578  | 197856  | 3.21%  | 0.225% |
| 58 | 13.643 | 1816 | 1820 | 1825 | rVB4 | 231949  | 371888  | 6.04%  | 0.423% |
| 59 | 13.690 | 1825 | 1828 | 1833 | rVB4 | 130161  | 225607  | 3.66%  | 0.257% |
| 60 | 13.748 | 1833 | 1838 | 1839 | rBV4 | 198332  | 266569  | 4.33%  | 0.303% |
| 61 | 13.784 | 1839 | 1844 | 1847 | rVV4 | 320010  | 460152  | 7.47%  | 0.523% |
| 62 | 13.895 | 1860 | 1863 | 1866 | rVB  | 167107  | 176267  | 2.86%  | 0.200% |
| 63 | 13.990 | 1876 | 1879 | 1884 | rVB5 | 106231  | 165269  | 2.68%  | 0.188% |
| 64 | 14.195 | 1909 | 1914 | 1919 | rVB  | 1384885 | 1728570 | 28.07% | 1.966% |
| 65 | 14.272 | 1921 | 1927 | 1934 | rVB  | 2005127 | 3074271 | 49.92% | 3.496% |
| 66 | 14.490 | 1960 | 1964 | 1967 | rBV4 | 84737   | 162060  | 2.63%  | 0.184% |
| 67 | 14.666 | 1988 | 1994 | 1997 | rBV6 | 140916  | 298023  | 4.84%  | 0.339% |
| 68 | 14.760 | 2007 | 2010 | 2014 | rVB2 | 194897  | 219233  | 3.56%  | 0.249% |
| 69 | 14.825 | 2014 | 2021 | 2028 | rVB4 | 394716  | 781651  | 12.69% | 0.889% |
| 70 | 14.895 | 2029 | 2033 | 2038 | rBV3 | 188951  | 316786  | 5.14%  | 0.360% |
| 71 | 15.172 | 2075 | 2080 | 2084 | rVB  | 1438853 | 1753891 | 28.48% | 1.995% |
| 72 | 15.395 | 2114 | 2118 | 2123 | rBV7 | 109813  | 212982  | 3.46%  | 0.242% |
| 73 | 15.572 | 2142 | 2148 | 2153 | rBV  | 519801  | 970299  | 15.76% | 1.103% |
| 74 | 15.660 | 2159 | 2163 | 2172 | rVB2 | 440941  | 832932  | 13.53% | 0.947% |
| 75 | 15.737 | 2172 | 2176 | 2181 | rBV3 | 211489  | 407706  | 6.62%  | 0.464% |
| 76 | 15.795 | 2181 | 2186 | 2195 | rVB  | 2325714 | 3560648 | 57.82% | 4.049% |

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Misc :  
ALS Vial : 15 Sample Multiplier: 1

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BNA\_P  
ClientSampleId :  
TR-05-12-5-2025

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-BP111825.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|     |        |      |      |      |      |         |         |         |        |
|-----|--------|------|------|------|------|---------|---------|---------|--------|
| 77  | 16.048 | 2224 | 2229 | 2232 | rBV  | 1309652 | 2021994 | 32.84%  | 2.299% |
| 78  | 16.078 | 2232 | 2234 | 2243 | rVB  | 608512  | 807214  | 13.11%  | 0.918% |
| 79  | 16.407 | 2286 | 2290 | 2292 | rBV2 | 136671  | 219328  | 3.56%   | 0.249% |
| 80  | 16.466 | 2298 | 2300 | 2305 | rVB2 | 166257  | 216596  | 3.52%   | 0.246% |
| 81  | 16.566 | 2314 | 2317 | 2322 | rBV  | 135849  | 182617  | 2.97%   | 0.208% |
| 82  | 16.866 | 2363 | 2368 | 2372 | rBV  | 1284622 | 1656146 | 26.89%  | 1.883% |
| 83  | 16.919 | 2373 | 2377 | 2388 | rVB  | 555221  | 996403  | 16.18%  | 1.133% |
| 84  | 17.084 | 2399 | 2405 | 2410 | rBV2 | 2013545 | 3220496 | 52.30%  | 3.662% |
| 85  | 17.131 | 2410 | 2413 | 2418 | rVB  | 262302  | 366911  | 5.96%   | 0.417% |
| 86  | 17.425 | 2460 | 2463 | 2467 | rVB  | 123954  | 158936  | 2.58%   | 0.181% |
| 87  | 17.554 | 2481 | 2485 | 2491 | rVB3 | 141672  | 217051  | 3.52%   | 0.247% |
| 88  | 17.631 | 2493 | 2498 | 2503 | rVB  | 1187980 | 1402781 | 22.78%  | 1.595% |
| 89  | 17.925 | 2545 | 2548 | 2552 | rBV4 | 118217  | 180085  | 2.92%   | 0.205% |
| 90  | 18.042 | 2563 | 2568 | 2575 | rBV  | 1291365 | 2031875 | 33.00%  | 2.311% |
| 91  | 18.354 | 2616 | 2621 | 2626 | rVB  | 912626  | 1199503 | 19.48%  | 1.364% |
| 92  | 19.019 | 2728 | 2734 | 2742 | rVB2 | 846068  | 1739435 | 28.25%  | 1.978% |
| 93  | 19.230 | 2765 | 2770 | 2772 | rBV  | 392722  | 603221  | 9.80%   | 0.686% |
| 94  | 19.383 | 2792 | 2796 | 2805 | rBV  | 1297778 | 2029465 | 32.96%  | 2.308% |
| 95  | 19.625 | 2830 | 2837 | 2843 | rBV2 | 593360  | 1207978 | 19.62%  | 1.374% |
| 96  | 19.825 | 2866 | 2871 | 2877 | rBV  | 4775523 | 6157971 | 100.00% | 7.003% |
| 97  | 20.183 | 2929 | 2932 | 2936 | rVB  | 425460  | 480462  | 7.80%   | 0.546% |
| 98  | 20.713 | 3019 | 3022 | 3025 | rBV  | 374479  | 395869  | 6.43%   | 0.450% |
| 99  | 21.536 | 3156 | 3162 | 3166 | rBV  | 2160536 | 3480359 | 56.52%  | 3.958% |
| 100 | 24.830 | 3716 | 3722 | 3732 | rVB  | 1438684 | 3883462 | 63.06%  | 4.416% |

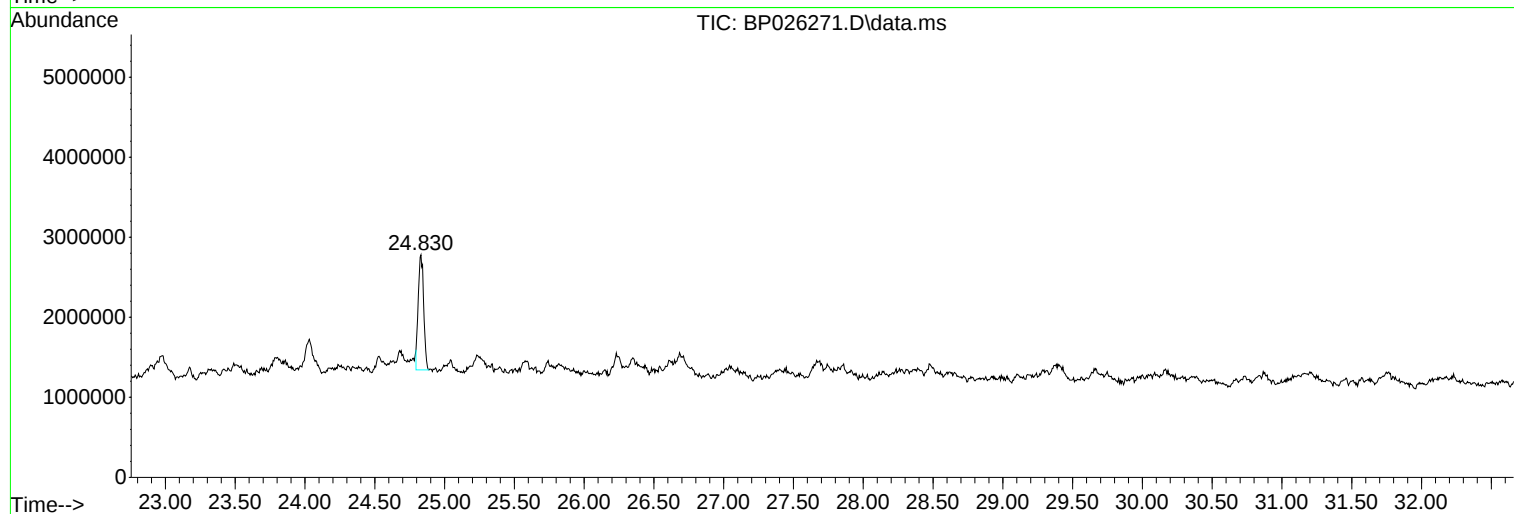
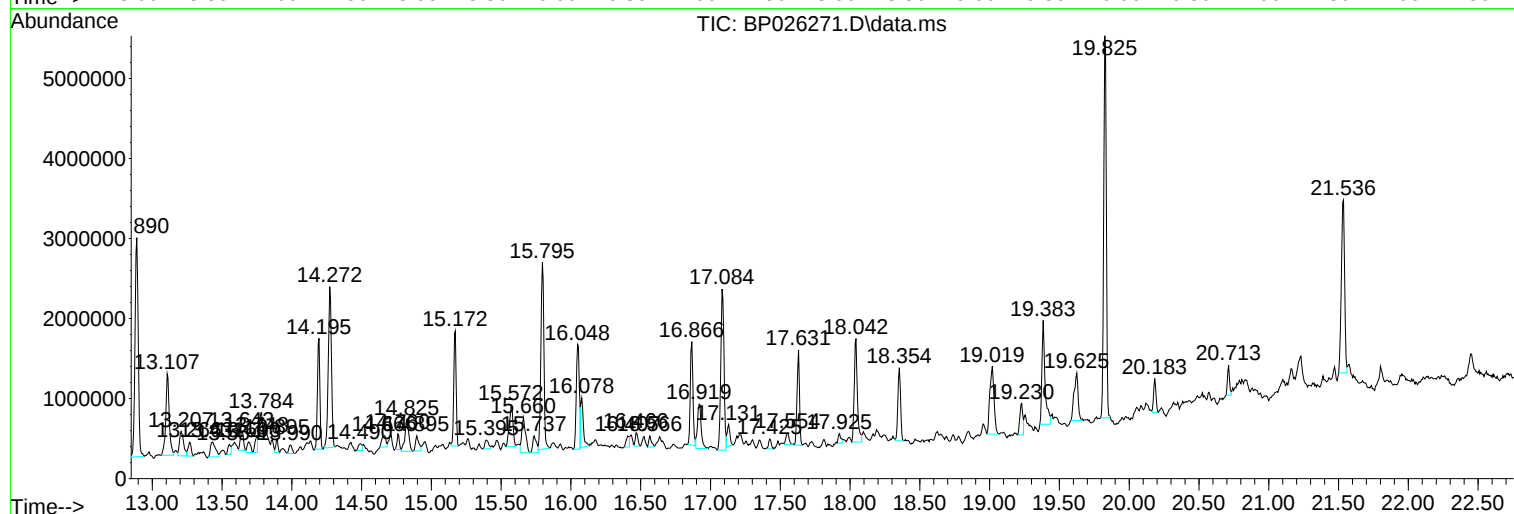
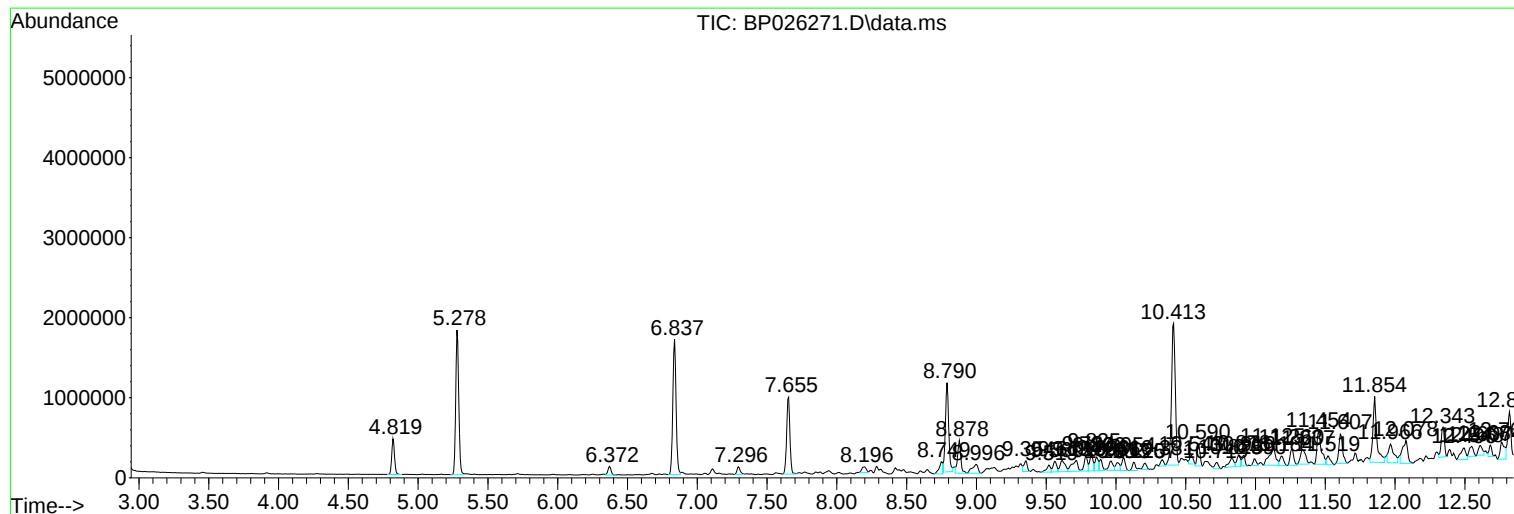
Sum of corrected areas: 87935023

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Instrument :  
BNA\_P  
ClientSampleId :  
TR-05-12-5-2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP111825.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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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

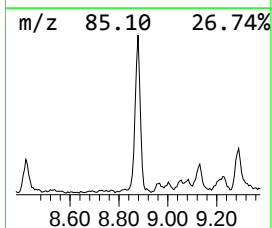
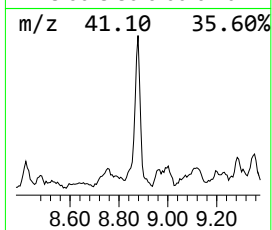
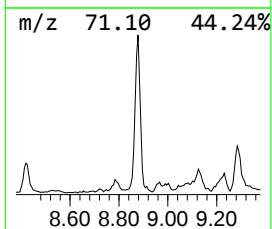
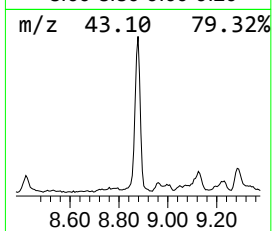
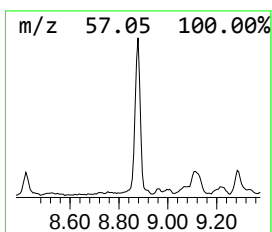
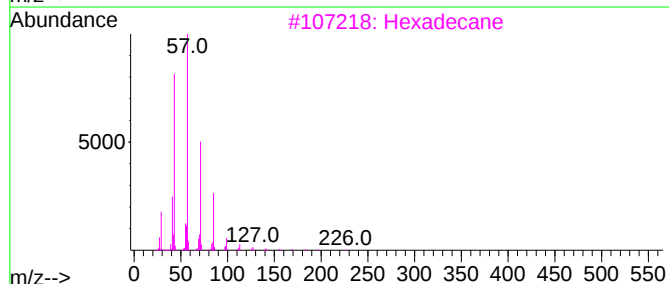
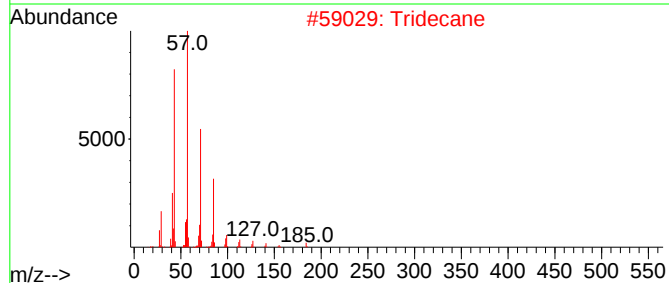
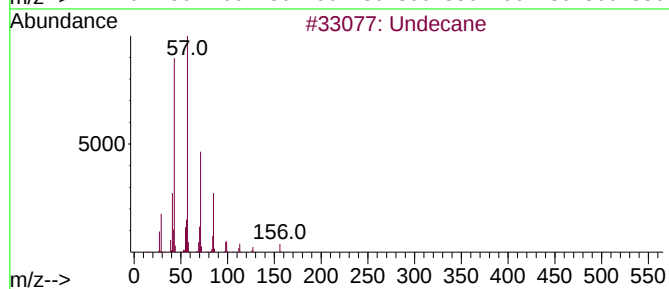
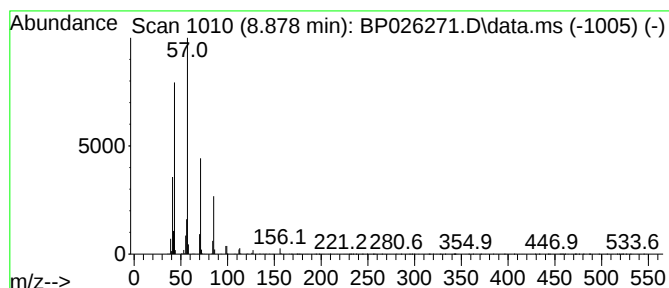
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 2 Undecane Concentration Rank 11

| R.T.  | EstConc | Area   | Relative to ISTD       | R.T.  |
|-------|---------|--------|------------------------|-------|
| 8.878 | 8.30 ng | 648414 | 1,4-Dichlorobenzene-d4 | 7.655 |

| Hit# | of                                | 5 | Tentative ID | MW  | MolForm   | CAS#         | Qual |
|------|-----------------------------------|---|--------------|-----|-----------|--------------|------|
| 1    | Undecane                          |   |              | 156 | C11H24    | 001120-21-4  | 95   |
| 2    | Tridecane                         |   |              | 184 | C13H28    | 000629-50-5  | 90   |
| 3    | Hexadecane                        |   |              | 226 | C16H34    | 000544-76-3  | 83   |
| 4    | Sulfurous acid, 2-propyl tetra... |   |              | 320 | C17H36O3S | 1010309-12-5 | 78   |
| 5    | Tetradecane                       |   |              | 198 | C14H30    | 000629-59-4  | 78   |



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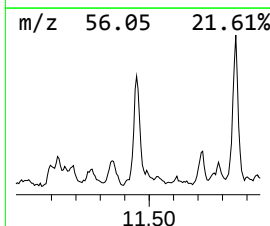
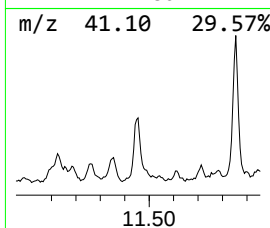
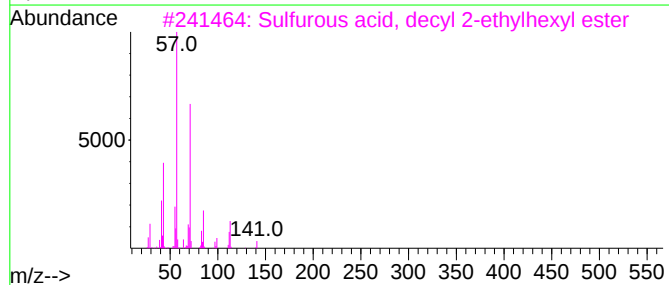
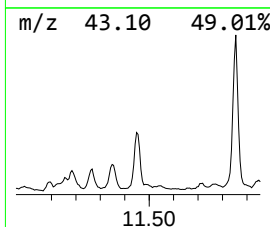
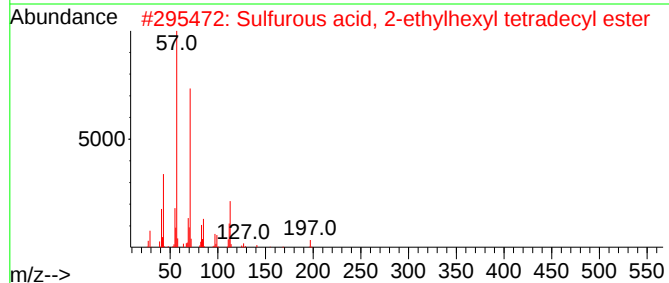
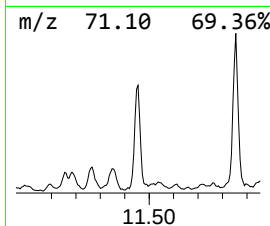
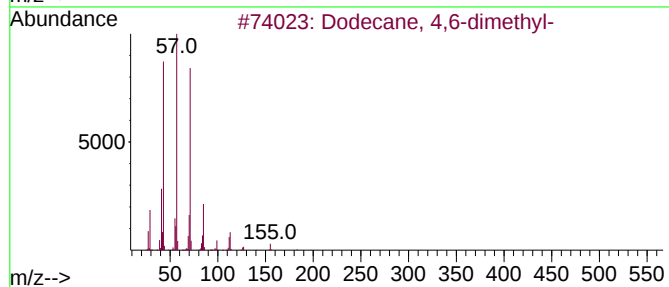
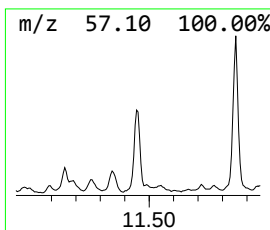
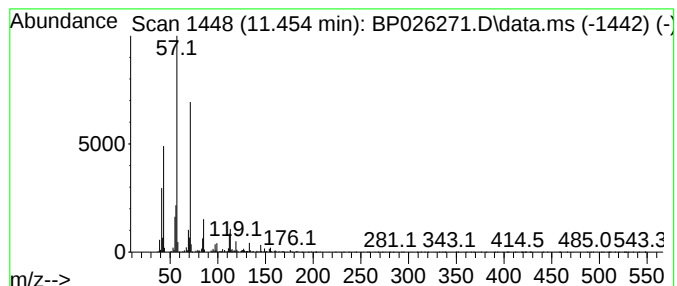
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 3 Dodecane, 4,6-dimethyl- Concentration Rank 18

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 11.454 | 5.36 ng | 890780 | Naphthalene-d8   | 10.413 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | Dodecane, 4,6-dimethyl-             | 198 | C14H30    | 061141-72-8  | 89   |
| 2    |    |   | Sulfurous acid, 2-ethylhexyl tet... | 390 | C22H46O3S | 1000309-19-7 | 72   |
| 3    |    |   | Sulfurous acid, decyl 2-ethylhex... | 334 | C18H38O3S | 1000309-19-3 | 72   |
| 4    |    |   | Nonane, 3-methyl-                   | 142 | C10H22    | 005911-04-6  | 64   |
| 5    |    |   | Undecane, 4,6-dimethyl-             | 184 | C13H28    | 017312-82-2  | 64   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP120925\  
Data File : BP026271.D  
Acq On : 09 Dec 2025 21:45  
Operator : RC/JU  
Sample : Q3806-04  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
TR-05-12-5-2025

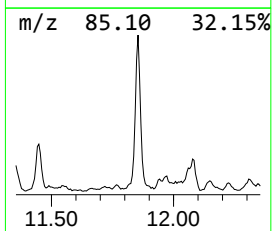
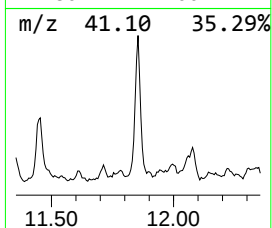
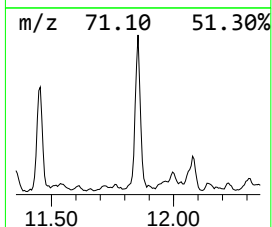
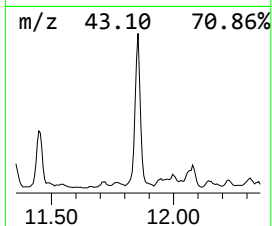
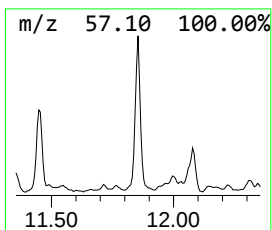
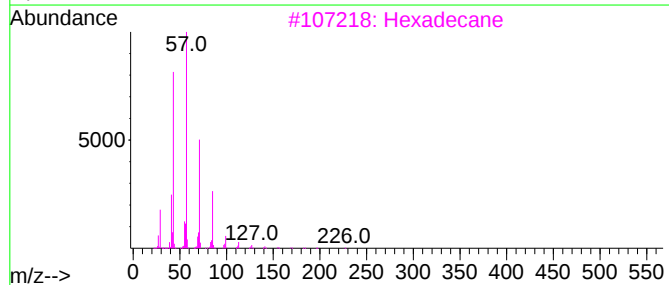
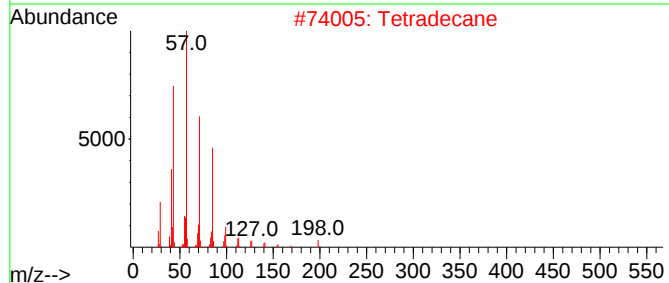
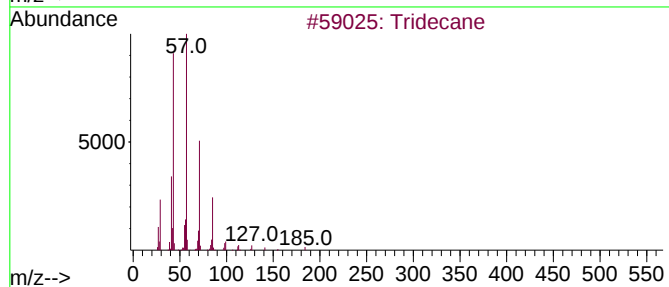
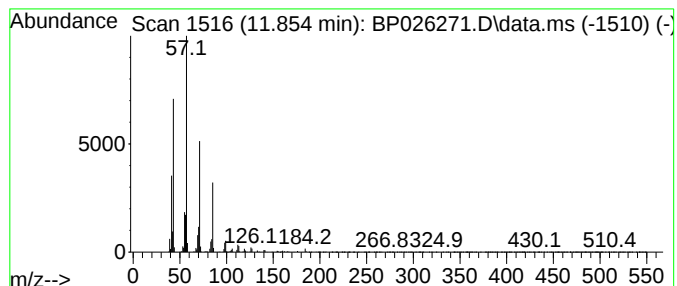
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 4 Tridecane Concentration Rank 9

| R.T.   | EstConc | Area    | Relative to ISTD | R.T.   |
|--------|---------|---------|------------------|--------|
| 11.854 | 9.61 ng | 1595810 | Naphthalene-d8   | 10.413 |

| Hit# | of | 5 | Tentative ID            | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------|-----|---------|-------------|------|
| 1    |    |   | Tridecane               | 184 | C13H28  | 000629-50-5 | 93   |
| 2    |    |   | Tetradecane             | 198 | C14H30  | 000629-59-4 | 90   |
| 3    |    |   | Hexadecane              | 226 | C16H34  | 000544-76-3 | 90   |
| 4    |    |   | Undecane, 2,6-dimethyl- | 184 | C13H28  | 017301-23-4 | 87   |
| 5    |    |   | Pentadecane             | 212 | C15H32  | 000629-62-9 | 86   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP120925\  
Data File : BP026271.D  
Acq On : 09 Dec 2025 21:45  
Operator : RC/JU  
Sample : Q3806-04  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
TR-05-12-5-2025

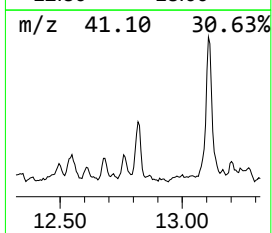
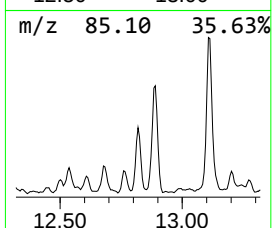
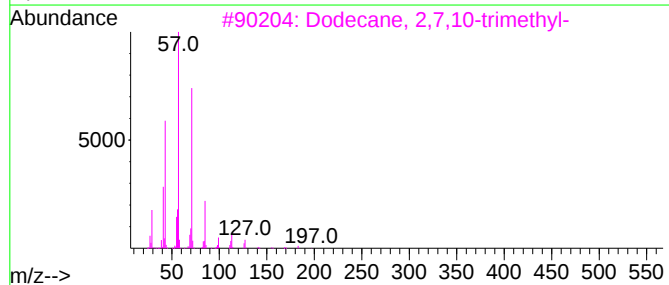
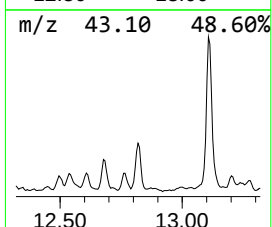
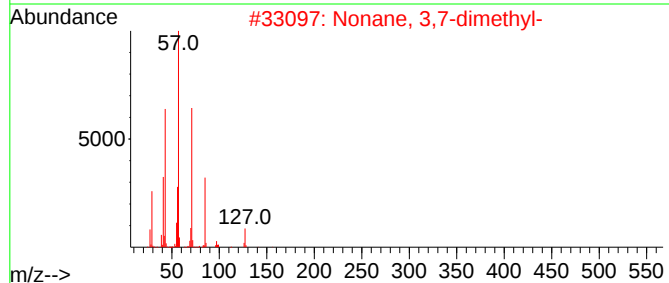
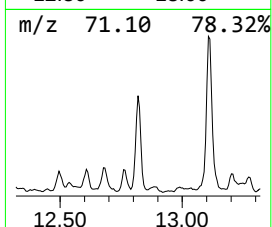
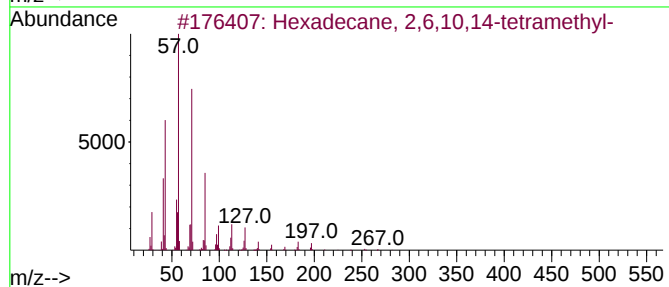
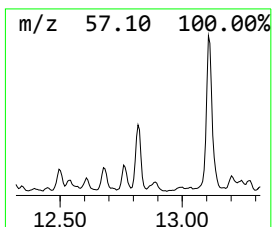
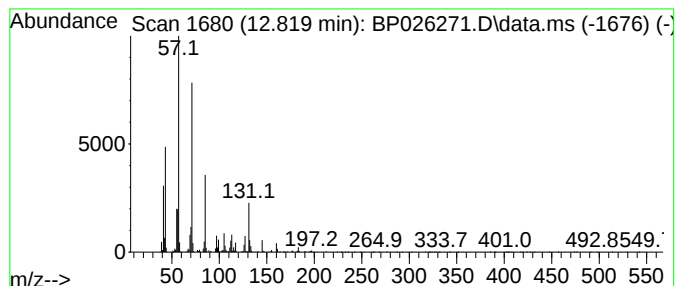
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 5 Hexadecane, 2,6,10,14-tetra... Concentration Rank 16

| R.T.      | EstConc                            | Area   | Relative to ISTD | R.T.        |      |
|-----------|------------------------------------|--------|------------------|-------------|------|
| 12.819    | 5.53 ng                            | 849657 | Acenaphthene-d10 | 14.272      |      |
| Hit# of 5 | Tentative ID                       | MW     | MolForm          | CAS#        | Qual |
| 1         | Hexadecane, 2,6,10,14-tetramethyl- | 282    | C20H42           | 000638-36-8 | 89   |
| 2         | Nonane, 3,7-dimethyl-              | 156    | C11H24           | 017302-32-8 | 68   |
| 3         | Dodecane, 2,7,10-trimethyl-        | 212    | C15H32           | 074645-98-0 | 68   |
| 4         | Dodecane, 2,6,10-trimethyl-        | 212    | C15H32           | 003891-98-3 | 64   |
| 5         | Octadecane, 2,6-dimethyl-          | 282    | C20H42           | 075163-97-2 | 64   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP120925\  
Data File : BP026271.D  
Acq On : 09 Dec 2025 21:45  
Operator : RC/JU  
Sample : Q3806-04  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
TR-05-12-5-2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP111825.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

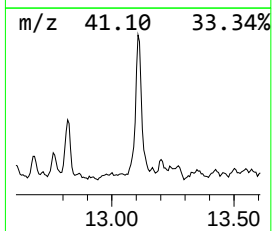
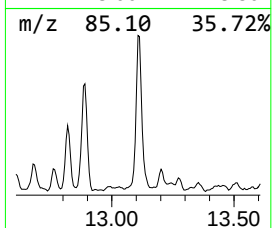
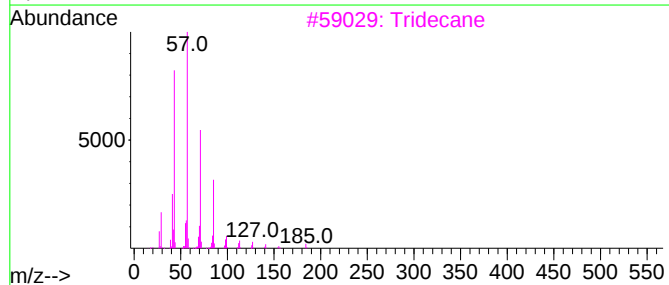
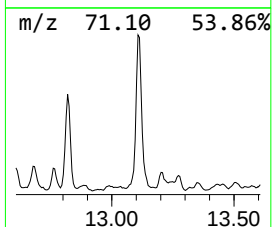
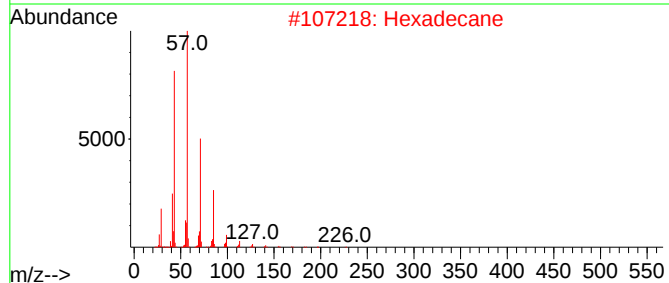
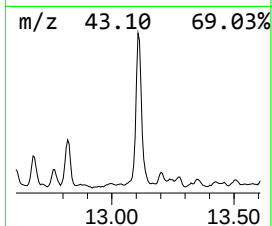
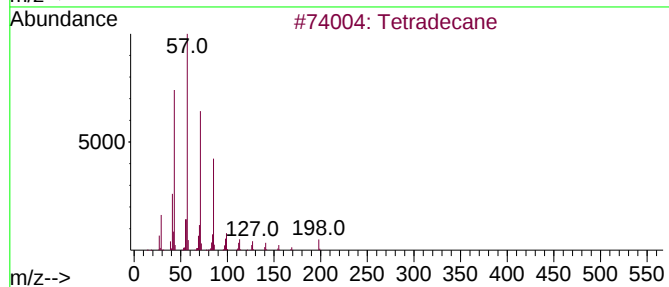
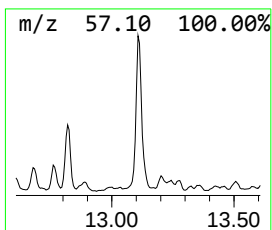
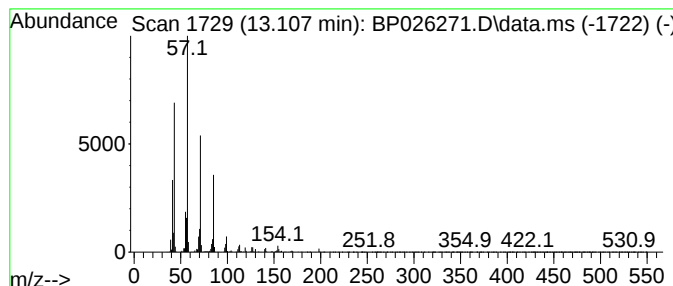
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TIC Integration Parameters: LSCINT.P

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Peak Number 6 Tetradecane Concentration Rank 4

| R.T.   | EstConc  | Area    | Relative to ISTD | R.T.   |
|--------|----------|---------|------------------|--------|
| 13.107 | 11.56 ng | 1777030 | Acenaphthene-d10 | 14.272 |

| Hit# | of | 5 | Tentative ID                       | MW  | MolForm  | CAS#         | Qual |
|------|----|---|------------------------------------|-----|----------|--------------|------|
| 1    |    |   | Tetradecane                        | 198 | C14H30   | 000629-59-4  | 97   |
| 2    |    |   | Hexadecane                         | 226 | C16H34   | 000544-76-3  | 90   |
| 3    |    |   | Tridecane                          | 184 | C13H28   | 000629-50-5  | 90   |
| 4    |    |   | Carbonic acid, eicosyl vinyl ester | 368 | C23H44O3 | 1000382-54-3 | 80   |
| 5    |    |   | Tetradecane, 1-iodo-               | 324 | C14H29I  | 019218-94-1  | 64   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP120925\  
Data File : BP026271.D  
Acq On : 09 Dec 2025 21:45  
Operator : RC/JU  
Sample : Q3806-04  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
TR-05-12-5-2025

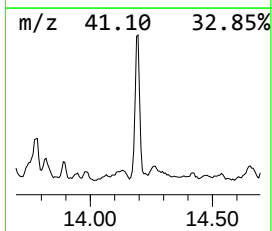
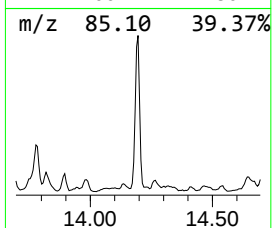
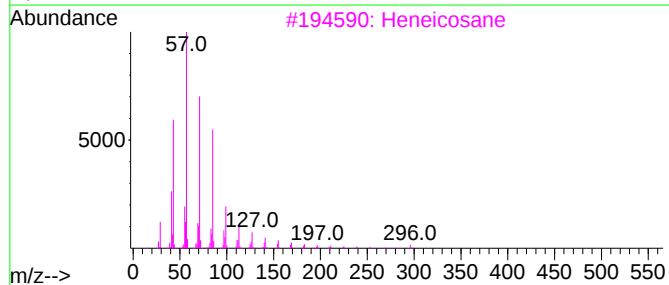
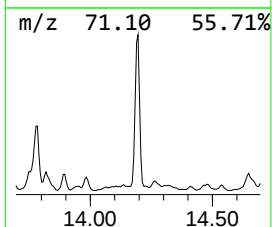
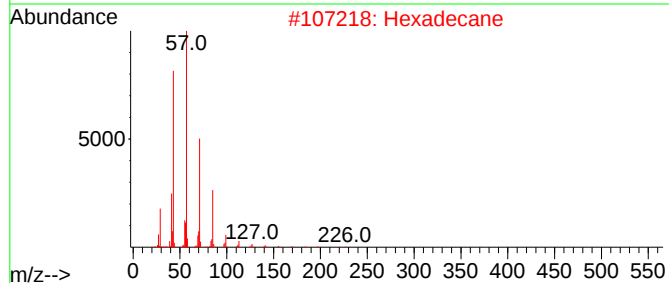
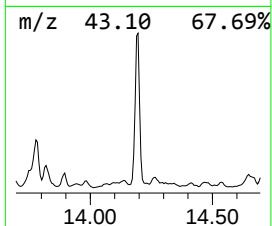
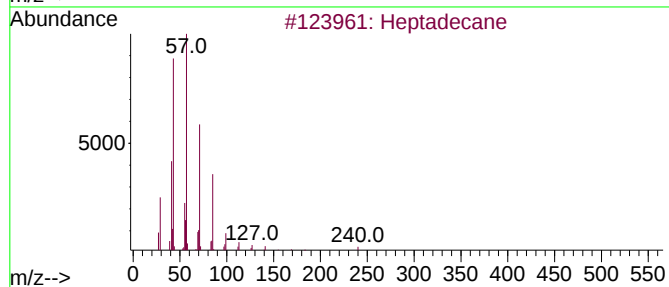
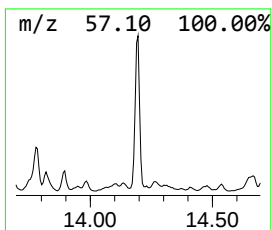
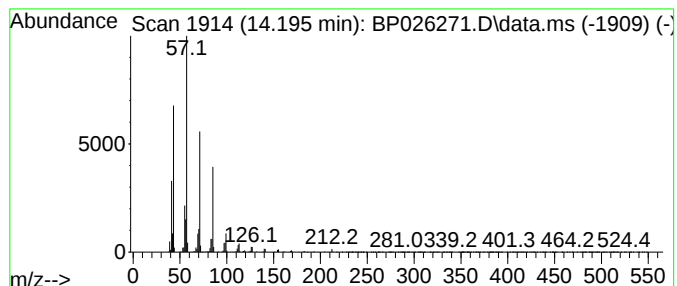
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 7 Heptadecane Concentration Rank 6

| R.T.   | EstConc  | Area    | Relative to ISTD | R.T.   |
|--------|----------|---------|------------------|--------|
| 14.195 | 11.25 ng | 1728570 | Acenaphthene-d10 | 14.272 |

| Hit# | of | 5 | Tentative ID                       | MW  | MolForm  | CAS#         | Qual |
|------|----|---|------------------------------------|-----|----------|--------------|------|
| 1    |    |   | Heptadecane                        | 240 | C17H36   | 000629-78-7  | 90   |
| 2    |    |   | Hexadecane                         | 226 | C16H34   | 000544-76-3  | 90   |
| 3    |    |   | Heneicosane                        | 296 | C21H44   | 000629-94-7  | 83   |
| 4    |    |   | Carbonic acid, eicosyl vinyl ester | 368 | C23H44O3 | 1000382-54-3 | 80   |
| 5    |    |   | 3-Ethyl-2,6,10-trimethylundecane   | 226 | C16H34   | 1000432-25-9 | 76   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP120925\  
Data File : BP026271.D  
Acq On : 09 Dec 2025 21:45  
Operator : RC/JU  
Sample : Q3806-04  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
TR-05-12-5-2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP111825.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

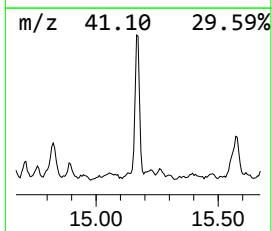
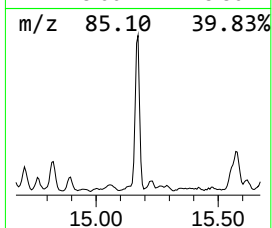
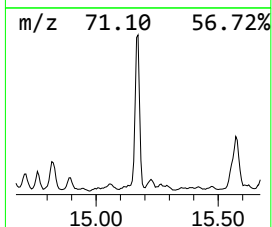
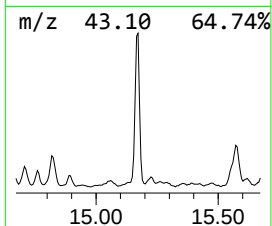
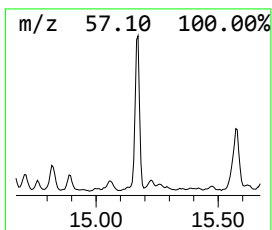
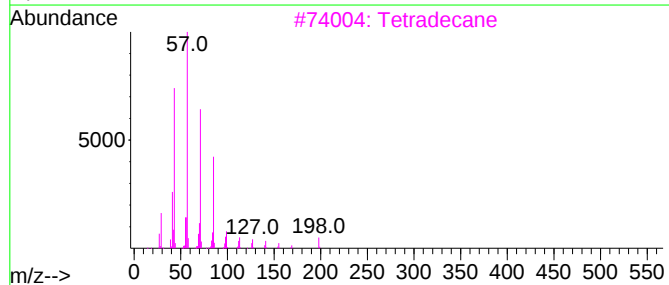
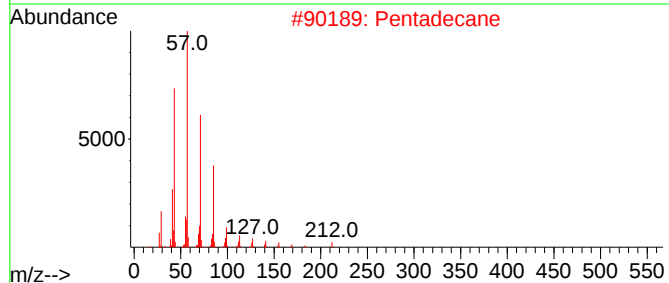
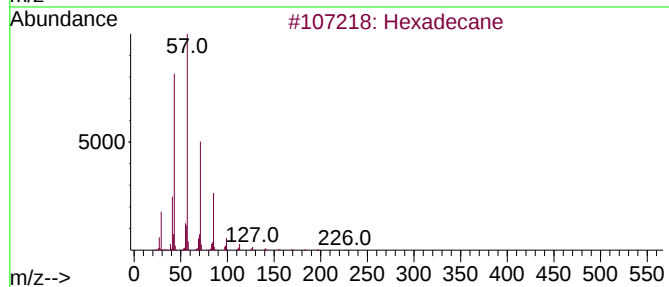
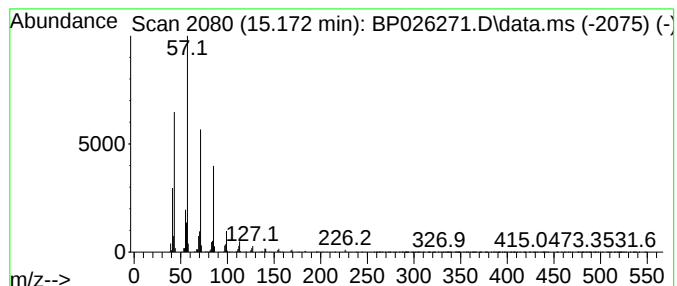
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TIC Integration Parameters: LSCINT.P

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Peak Number 9 Hexadecane Concentration Rank 5

| R.T.   | EstConc  | Area    | Relative to ISTD | R.T.   |
|--------|----------|---------|------------------|--------|
| 15.172 | 11.41 ng | 1753890 | Acenaphthene-d10 | 14.272 |

| Hit# | of 5 | Tentative ID                     | MW  | MolForm | CAS#         | Qual |
|------|------|----------------------------------|-----|---------|--------------|------|
| 1    |      | Hexadecane                       | 226 | C16H34  | 000544-76-3  | 97   |
| 2    |      | Pentadecane                      | 212 | C15H32  | 000629-62-9  | 90   |
| 3    |      | Tetradecane                      | 198 | C14H30  | 000629-59-4  | 86   |
| 4    |      | Nonadecane                       | 268 | C19H40  | 000629-92-5  | 83   |
| 5    |      | 3-Ethyl-2,6,10-trimethylundecane | 226 | C16H34  | 1000432-25-9 | 81   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP120925\  
Data File : BP026271.D  
Acq On : 09 Dec 2025 21:45  
Operator : RC/JU  
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Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
TR-05-12-5-2025

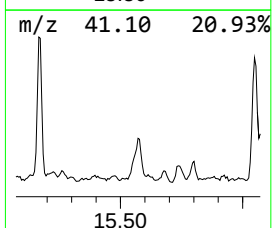
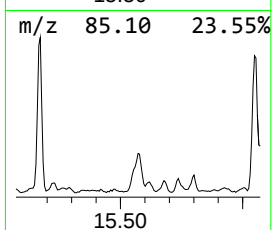
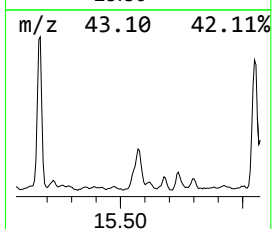
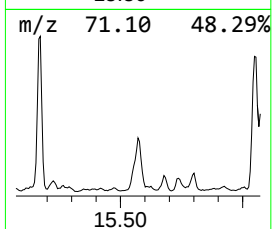
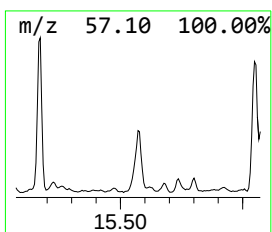
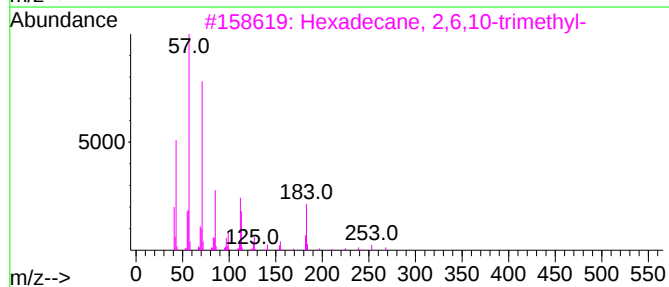
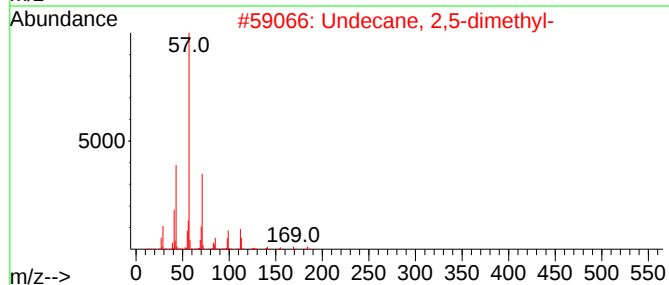
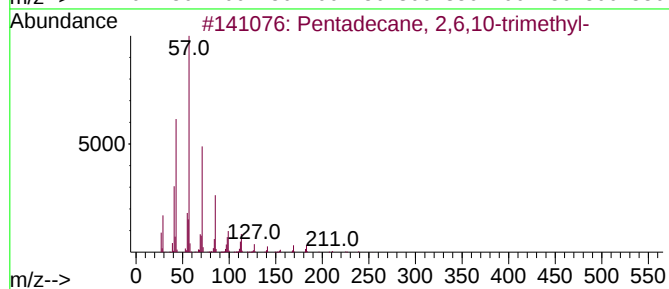
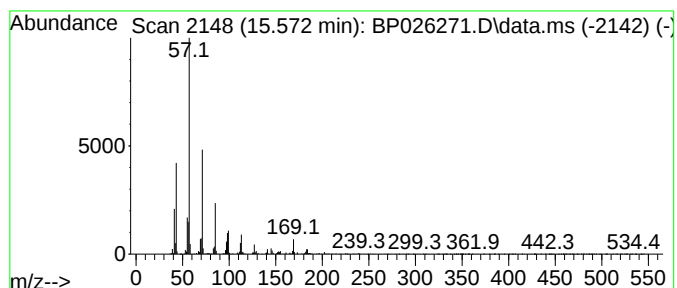
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 10 Pentadecane, 2,6,10-trimethyl- Concentration Rank 14

| R.T.      | EstConc                        | Area   | Relative to ISTD |         |             | R.T.   |
|-----------|--------------------------------|--------|------------------|---------|-------------|--------|
| 15.572    | 6.31 ng                        | 970299 | Acenaphthene-d10 |         |             | 14.272 |
| Hit# of 5 | Tentative ID                   |        | MW               | MolForm | CAS#        | Qual   |
| 1         | Pentadecane, 2,6,10-trimethyl- |        | 254              | C18H38  | 003892-00-0 | 93     |
| 2         | Undecane, 2,5-dimethyl-        |        | 184              | C13H28  | 017301-22-3 | 81     |
| 3         | Hexadecane, 2,6,10-trimethyl-  |        | 268              | C19H40  | 055000-52-7 | 70     |
| 4         | Heneicosane                    |        | 296              | C21H44  | 000629-94-7 | 64     |
| 5         | Undecane, 5-ethyl-             |        | 184              | C13H28  | 017453-94-0 | 64     |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP120925\  
Data File : BP026271.D  
Acq On : 09 Dec 2025 21:45  
Operator : RC/JU  
Sample : Q3806-04  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
TR-05-12-5-2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP111825.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

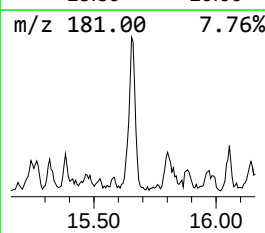
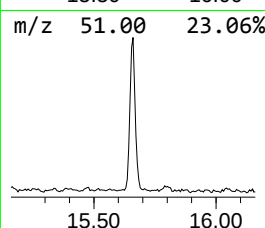
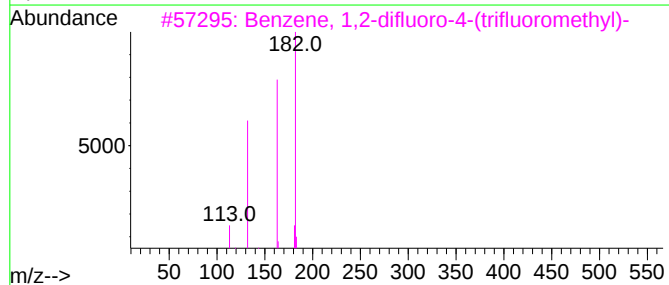
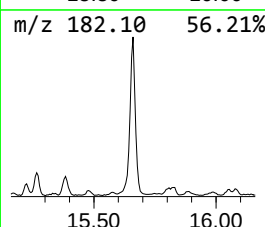
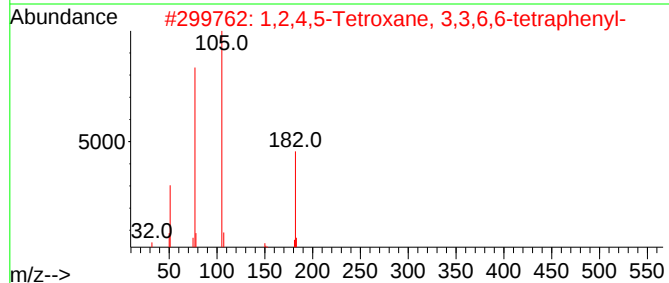
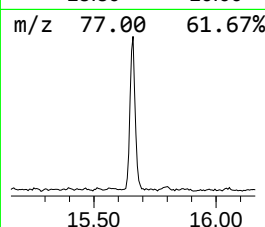
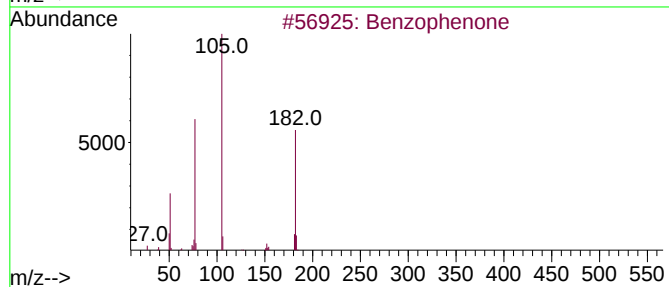
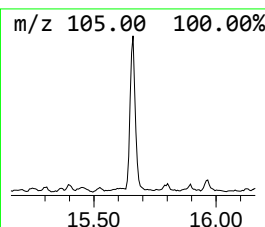
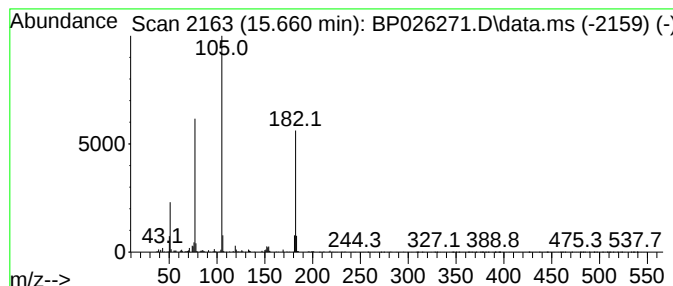
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TIC Integration Parameters: LSCINT.P

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Peak Number 11 Benzophenone Concentration Rank 17

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 15.660 | 5.42 ng | 832932 | Acenaphthene-d10 | 14.272 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | Benzophenone                        | 182 | C13H10O  | 000119-61-9 | 96   |
| 2    |    |   | 1,2,4,5-Tetroxane, 3,3,6,6-tetra... | 396 | C26H20O4 | 016204-36-7 | 78   |
| 3    |    |   | Benzene, 1,2-difluoro-4-(trifluo... | 182 | C7H3F5   | 032137-19-2 | 64   |
| 4    |    |   | Azobenzene                          | 182 | C12H10N2 | 000103-33-3 | 59   |
| 5    |    |   | 1,2,4-Trioxolane, 3,3,5-triphenyl-  | 304 | C20H16O3 | 023246-12-0 | 56   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP120925\  
Data File : BP026271.D  
Acq On : 09 Dec 2025 21:45  
Operator : RC/JU  
Sample : Q3806-04  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
TR-05-12-5-2025

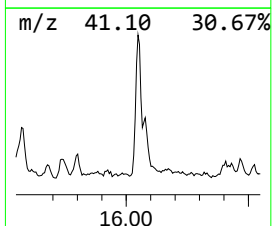
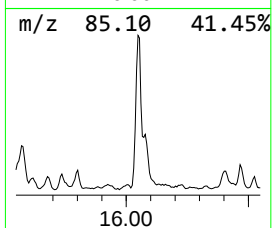
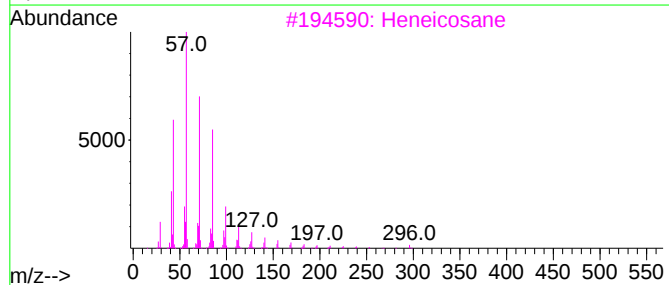
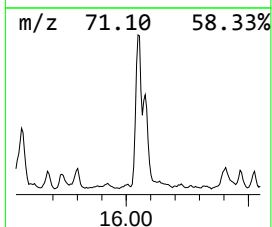
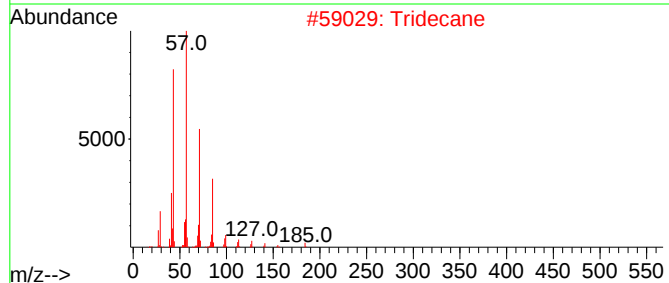
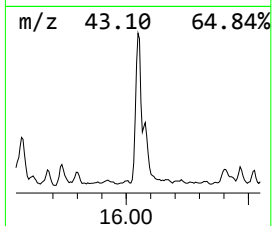
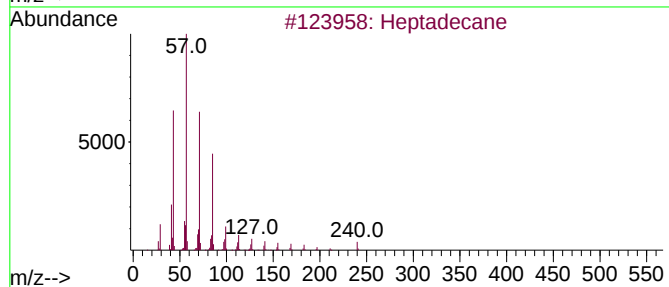
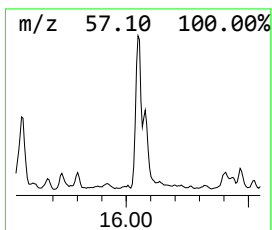
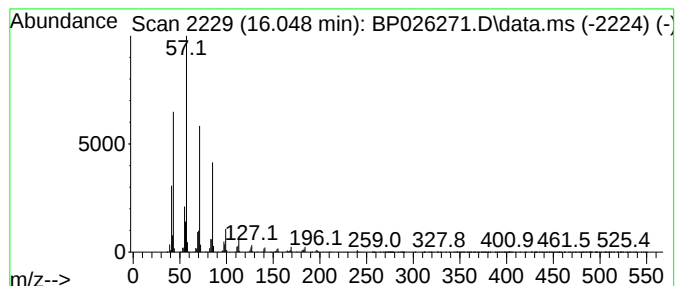
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 12 Nonadecane Concentration Rank 2

| R.T.   | EstConc  | Area    | Relative to ISTD | R.T.   |
|--------|----------|---------|------------------|--------|
| 16.048 | 12.56 ng | 2021990 | Phenanthrene-d10 | 17.084 |

| Hit# | of 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|------|--------------|-----|---------|-------------|------|
| 1    |      | Heptadecane  | 240 | C17H36  | 000629-78-7 | 96   |
| 2    |      | Tridecane    | 184 | C13H28  | 000629-50-5 | 93   |
| 3    |      | Heneicosane  | 296 | C21H44  | 000629-94-7 | 90   |
| 4    |      | Tetracosane  | 338 | C24H50  | 000646-31-1 | 90   |
| 5    |      | Nonadecane   | 268 | C19H40  | 000629-92-5 | 87   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP120925\  
Data File : BP026271.D  
Acq On : 09 Dec 2025 21:45  
Operator : RC/JU  
Sample : Q3806-04  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
TR-05-12-5-2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP111825.M  
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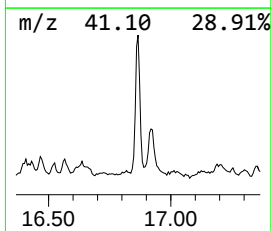
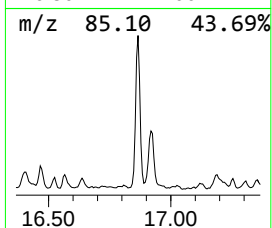
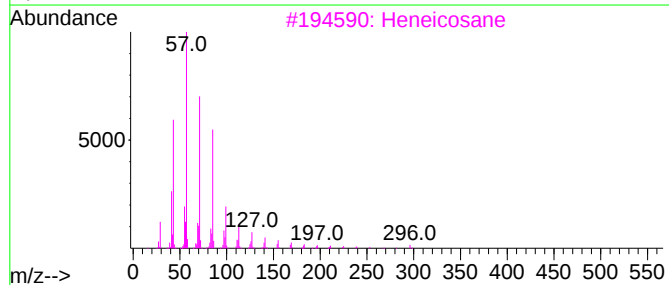
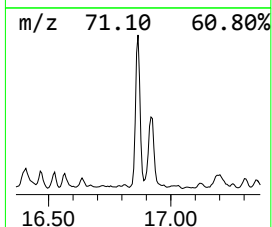
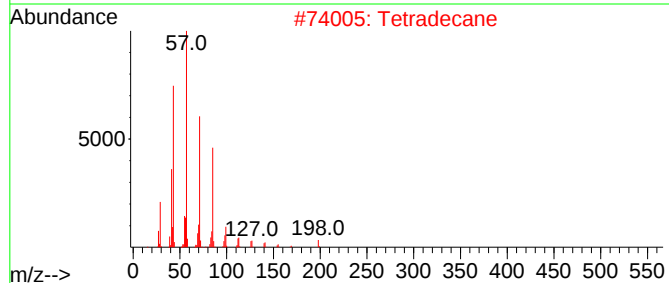
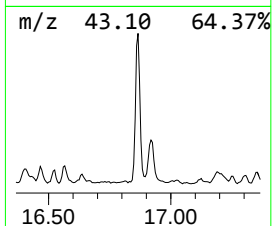
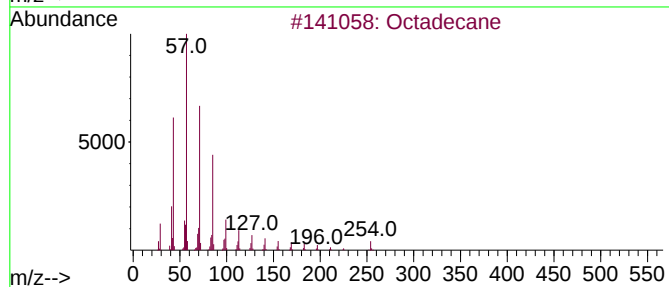
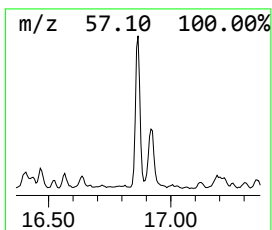
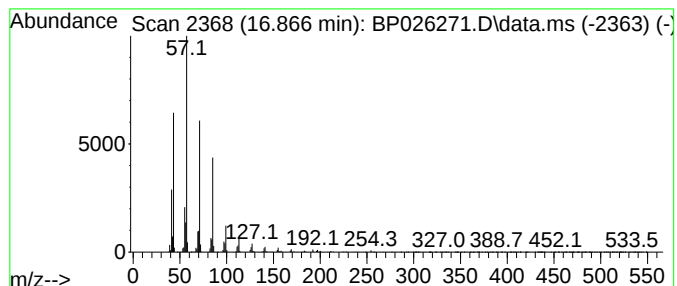
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TIC Integration Parameters: LSCINT.P

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Peak Number 14 Octadecane Concentration Rank 8

| R.T.   | EstConc  | Area    | Relative to ISTD | R.T.   |
|--------|----------|---------|------------------|--------|
| 16.866 | 10.29 ng | 1656150 | Phenanthrene-d10 | 17.084 |

| Hit# | of 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|------|--------------|-----|---------|-------------|------|
| 1    |      | Octadecane   | 254 | C18H38  | 000593-45-3 | 97   |
| 2    |      | Tetradecane  | 198 | C14H30  | 000629-59-4 | 91   |
| 3    |      | Heneicosane  | 296 | C21H44  | 000629-94-7 | 91   |
| 4    |      | Pentadecane  | 212 | C15H32  | 000629-62-9 | 91   |
| 5    |      | Hexadecane   | 226 | C16H34  | 000544-76-3 | 90   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP120925\  
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Acq On : 09 Dec 2025 21:45  
Operator : RC/JU  
Sample : Q3806-04  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
TR-05-12-5-2025

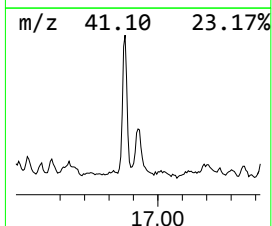
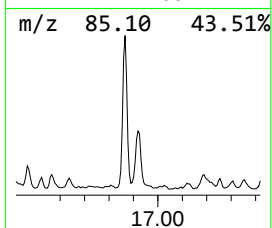
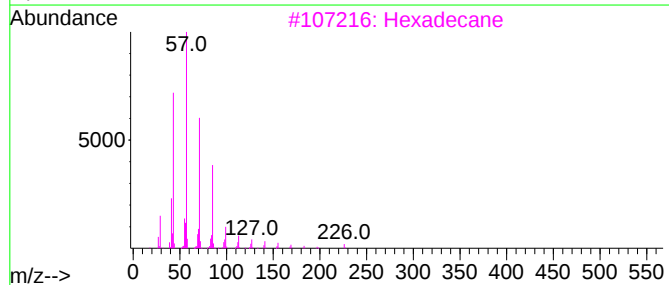
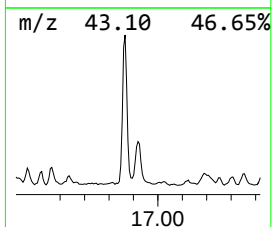
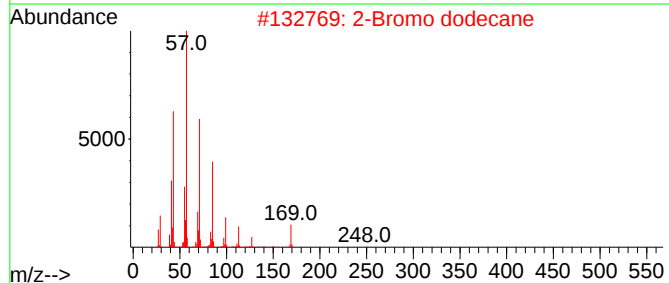
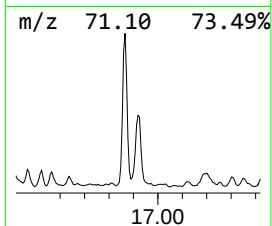
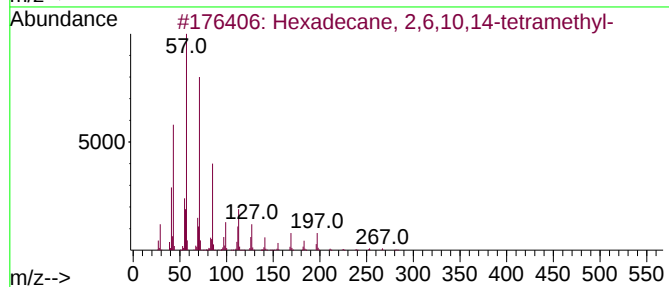
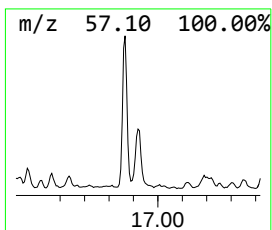
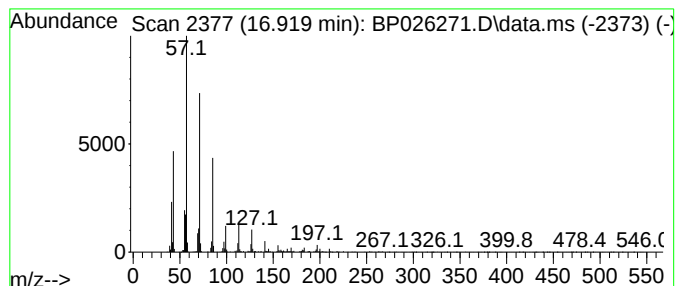
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 15 2-Bromo dodecane Concentration Rank 15

| R.T.      | EstConc                            | Area   | Relative to ISTD |          | R.T.        |      |
|-----------|------------------------------------|--------|------------------|----------|-------------|------|
| 16.919    | 6.19 ng                            | 996403 | Phenanthrene-d10 |          | 17.084      |      |
| Hit# of 5 | Tentative ID                       |        | MW               | MolForm  | CAS#        | Qual |
| 1         | Hexadecane, 2,6,10,14-tetramethyl- |        | 282              | C20H42   | 000638-36-8 | 94   |
| 2         | 2-Bromo dodecane                   |        | 248              | C12H25Br | 013187-99-0 | 90   |
| 3         | Hexadecane                         |        | 226              | C16H34   | 000544-76-3 | 90   |
| 4         | Heptacosane                        |        | 380              | C27H56   | 000593-49-7 | 86   |
| 5         | Dodecane, 1-iodo-                  |        | 296              | C12H25I  | 004292-19-7 | 86   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP120925\  
Data File : BP026271.D  
Acq On : 09 Dec 2025 21:45  
Operator : RC/JU  
Sample : Q3806-04  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
TR-05-12-5-2025

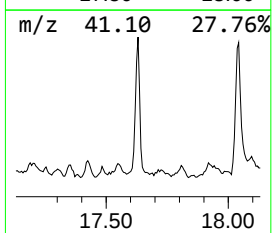
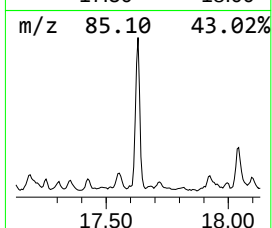
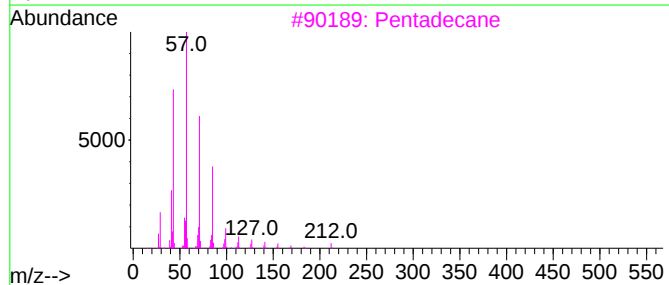
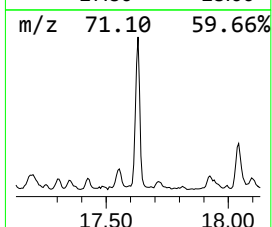
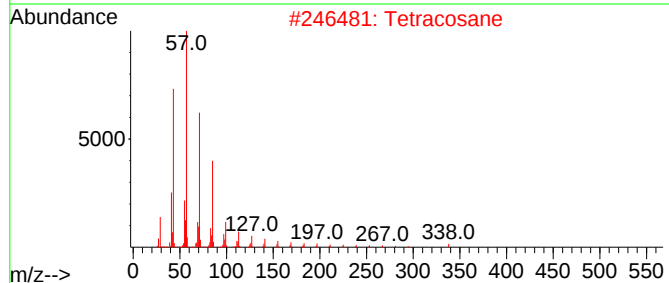
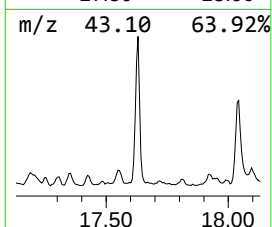
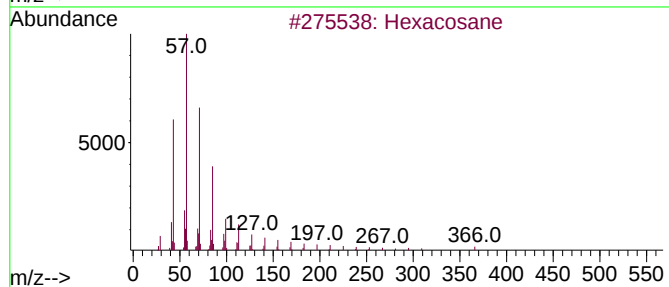
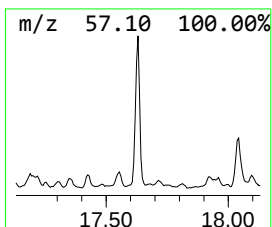
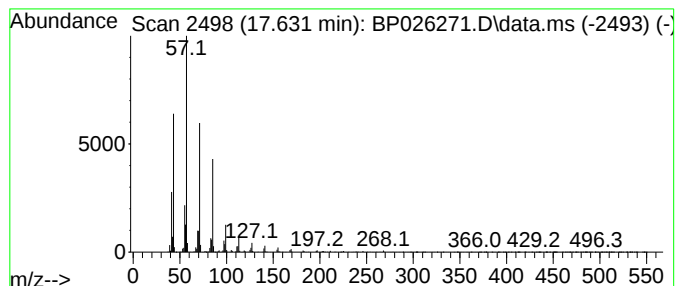
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 16 Hexacosane Concentration Rank 10

| R.T.      | EstConc      | Area    | Relative to ISTD | R.T.        |      |
|-----------|--------------|---------|------------------|-------------|------|
| 17.631    | 8.71 ng      | 1402780 | Phenanthrene-d10 | 17.084      |      |
| Hit# of 5 | Tentative ID | MW      | MolForm          | CAS#        | Qual |
| 1         | Hexacosane   | 366     | C26H54           | 000630-01-3 | 94   |
| 2         | Tetracosane  | 338     | C24H50           | 000646-31-1 | 91   |
| 3         | Pentadecane  | 212     | C15H32           | 000629-62-9 | 91   |
| 4         | Nonadecane   | 268     | C19H40           | 000629-92-5 | 90   |
| 5         | Heneicosane  | 296     | C21H44           | 000629-94-7 | 90   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP120925\  
Data File : BP026271.D  
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Operator : RC/JU  
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Misc :  
ALS Vial : 15 Sample Multiplier: 1

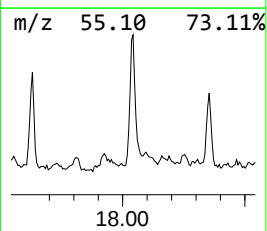
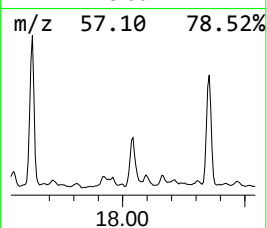
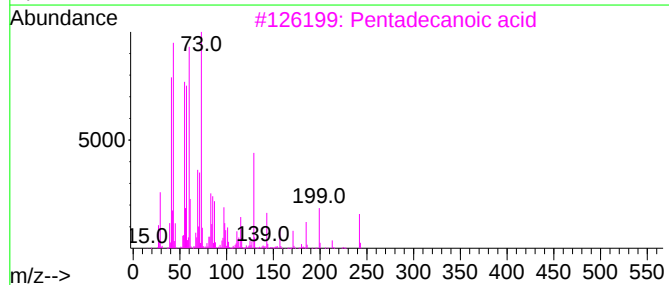
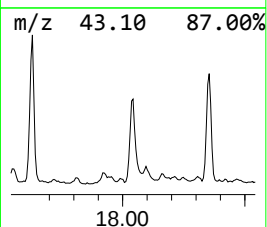
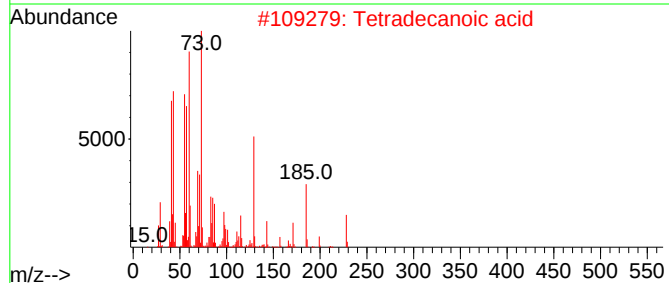
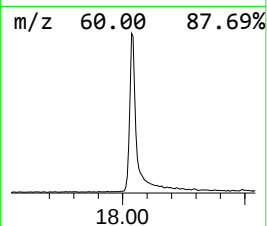
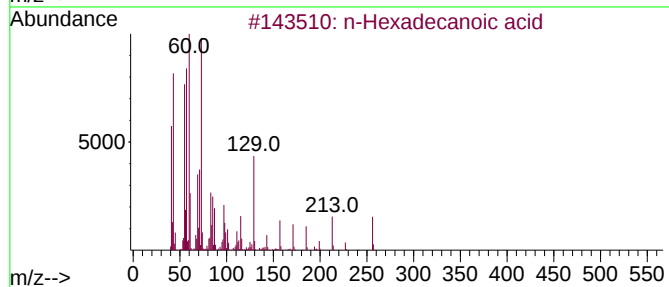
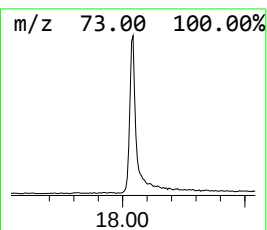
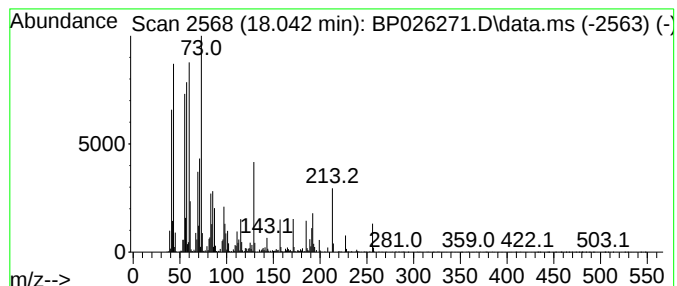
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ClientSampleId :  
TR-05-12-5-2025

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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 n-Hexadecanoic acid Concentration Rank 1

| R.T.      | EstConc             | Area    | Relative to ISTD |          | R.T.        |      |
|-----------|---------------------|---------|------------------|----------|-------------|------|
| 18.042    | 12.62 ng            | 2031880 | Phenanthrene-d10 |          | 17.084      |      |
| Hit# of 5 | Tentative ID        |         | MW               | MolForm  | CAS#        | Qual |
| 1         | n-Hexadecanoic acid |         | 256              | C16H32O2 | 000057-10-3 | 99   |
| 2         | Tetradecanoic acid  |         | 228              | C14H28O2 | 000544-63-8 | 93   |
| 3         | Pentadecanoic acid  |         | 242              | C15H30O2 | 001002-84-2 | 93   |
| 4         | Tridecanoic acid    |         | 214              | C13H26O2 | 000638-53-9 | 90   |
| 5         | n-Decanoic acid     |         | 172              | C10H20O2 | 000334-48-5 | 76   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP120925\  
Data File : BP026271.D  
Acq On : 09 Dec 2025 21:45  
Operator : RC/JU  
Sample : Q3806-04  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
TR-05-12-5-2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP111825.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

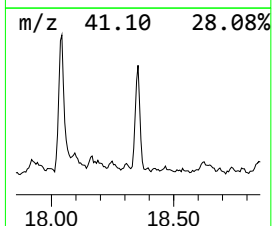
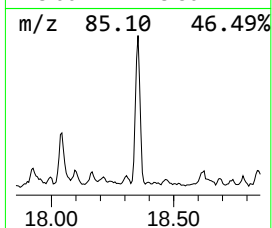
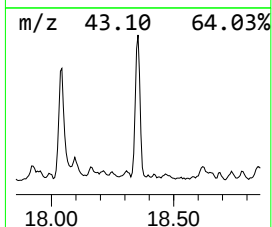
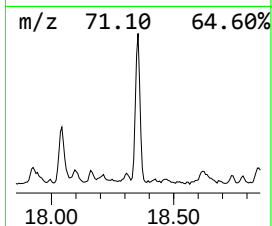
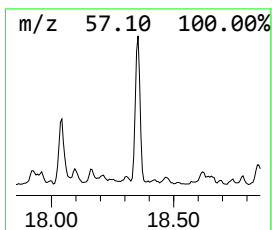
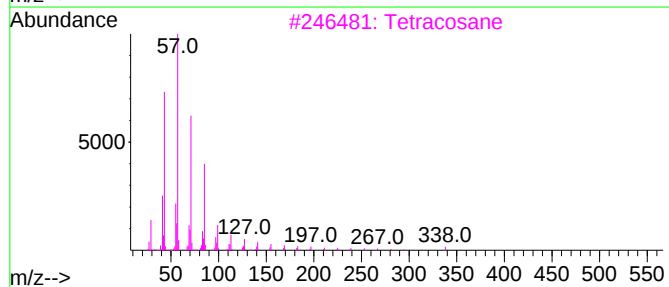
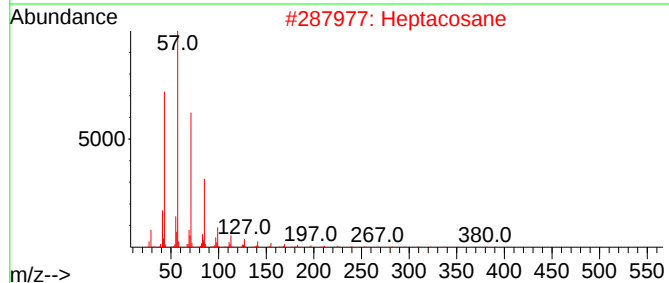
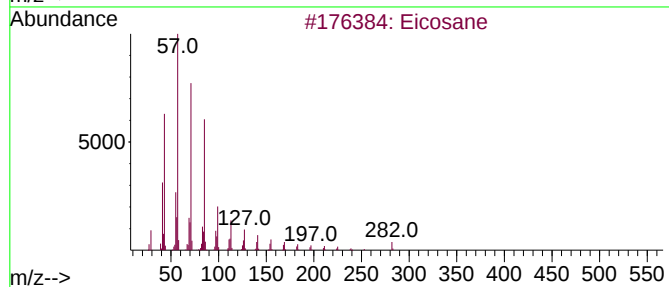
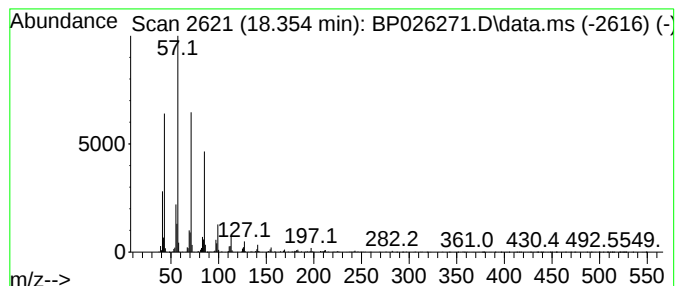
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 18 Eicosane Concentration Rank 13

| R.T.   | EstConc | Area    | Relative to ISTD | R.T.   |
|--------|---------|---------|------------------|--------|
| 18.354 | 7.45 ng | 1199500 | Phenanthrene-d10 | 17.084 |

| Hit# | of | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------|-----|---------|-------------|------|
| 1    |    |   | Eicosane     | 282 | C20H42  | 000112-95-8 | 97   |
| 2    |    |   | Heptacosane  | 380 | C27H56  | 000593-49-7 | 91   |
| 3    |    |   | Tetracosane  | 338 | C24H50  | 000646-31-1 | 91   |
| 4    |    |   | Nonadecane   | 268 | C19H40  | 000629-92-5 | 91   |
| 5    |    |   | Tetradecane  | 198 | C14H30  | 000629-59-4 | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP120925\  
Data File : BP026271.D  
Acq On : 09 Dec 2025 21:45  
Operator : RC/JU  
Sample : Q3806-04  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
TR-05-12-5-2025

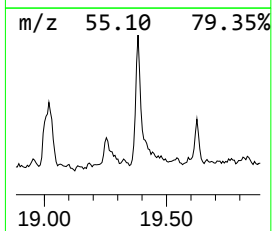
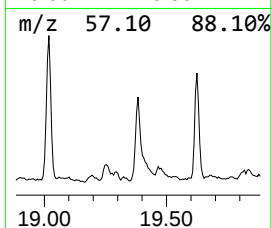
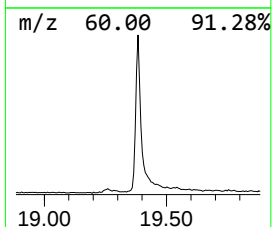
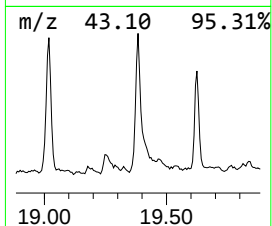
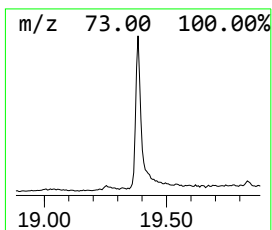
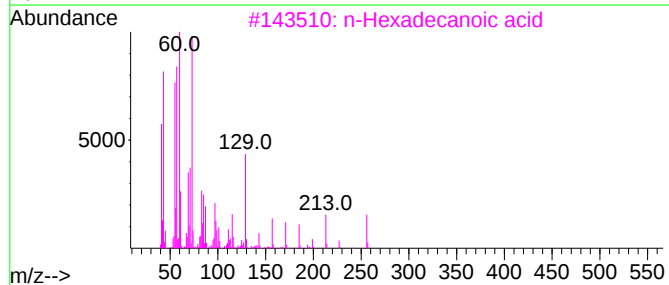
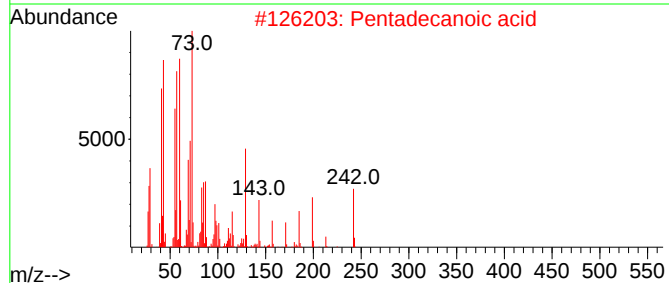
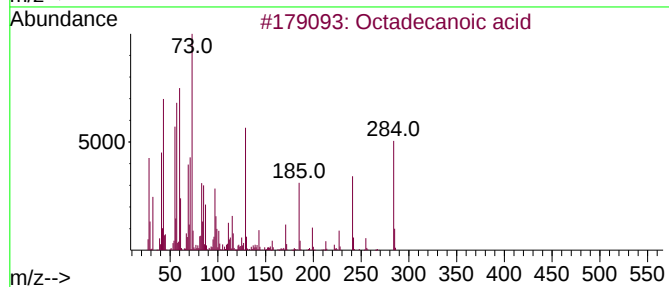
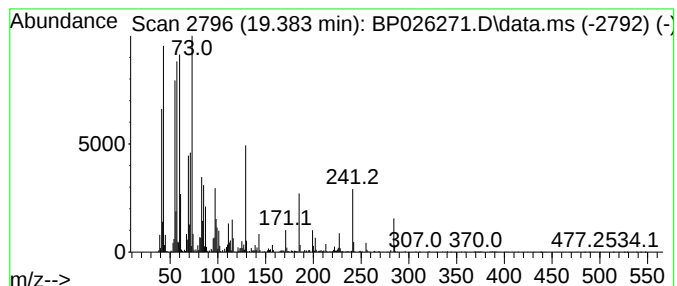
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP111825.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 20 Octadecanoic acid Concentration Rank 3

| R.T.   | EstConc  | Area    | Relative to ISTD | R.T.   |
|--------|----------|---------|------------------|--------|
| 19.383 | 11.66 ng | 2029470 | Chrysene-d12     | 21.536 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | Octadecanoic acid                   | 284 | C18H36O2 | 000057-11-4 | 99   |
| 2    |    |   | Pentadecanoic acid                  | 242 | C15H30O2 | 001002-84-2 | 93   |
| 3    |    |   | n-Hexadecanoic acid                 | 256 | C16H32O2 | 000057-10-3 | 83   |
| 4    |    |   | Tetradecanoic acid                  | 228 | C14H28O2 | 000544-63-8 | 83   |
| 5    |    |   | Octadecanoic acid, 2-(2-hydroxye... | 372 | C22H44O4 | 000106-11-6 | 72   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP120925\  
Data File : BP026271.D  
Acq On : 09 Dec 2025 21:45  
Operator : RC/JU  
Sample : Q3806-04  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
TR-05-12-5-2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP111825.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 |
| Undecane           | 8.878  | 8.3     | ng    | 648414   | 1                     | 7.655  | 1562050 | 20.0 |
| Dodecane, 4,6-d... | 11.454 | 5.4     | ng    | 890780   | 2                     | 10.413 | 3322690 | 20.0 |
| Tridecane          | 11.854 | 9.6     | ng    | 1595810  | 2                     | 10.413 | 3322690 | 20.0 |
| Hexadecane, 2,6... | 12.819 | 5.5     | ng    | 849657   | 3                     | 14.272 | 3074270 | 20.0 |
| Tetradecane        | 13.107 | 11.6    | ng    | 1777030  | 3                     | 14.272 | 3074270 | 20.0 |
| Heptadecane        | 14.195 | 11.3    | ng    | 1728570  | 3                     | 14.272 | 3074270 | 20.0 |
| Hexadecane         | 15.172 | 11.4    | ng    | 1753890  | 3                     | 14.272 | 3074270 | 20.0 |
| Pentadecane, 2,... | 15.572 | 6.3     | ng    | 970299   | 3                     | 14.272 | 3074270 | 20.0 |
| Benzophenone       | 15.660 | 5.4     | ng    | 832932   | 3                     | 14.272 | 3074270 | 20.0 |
| Nonadecane         | 16.048 | 12.6    | ng    | 2021990  | 4                     | 17.084 | 3220500 | 20.0 |
| Octadecane         | 16.866 | 10.3    | ng    | 1656150  | 4                     | 17.084 | 3220500 | 20.0 |
| 2-Bromo dodecane   | 16.919 | 6.2     | ng    | 996403   | 4                     | 17.084 | 3220500 | 20.0 |
| Hexacosane         | 17.631 | 8.7     | ng    | 1402780  | 4                     | 17.084 | 3220500 | 20.0 |
| n-Hexadecanoic ... | 18.042 | 12.6    | ng    | 2031880  | 4                     | 17.084 | 3220500 | 20.0 |
| Eicosane           | 18.354 | 7.5     | ng    | 1199500  | 4                     | 17.084 | 3220500 | 20.0 |
| Octadecanoic acid  | 19.383 | 11.7    | ng    | 2029470  | 5                     | 21.536 | 3480360 | 20.0 |