

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP123021\  
 Data File : BP008606.D  
 Acq On : 30 Dec 2021 12:50  
 Operator : CG/JU  
 Sample : M5237-04  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 TP-1D

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-BP122821.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP008606.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         | 4.411       | 237           | 242         | 254          | rVB      | 1391433        | 1974567       | 7.72%           | 0.478%        |
| 2         | 5.005       | 337           | 343         | 348          | rBV      | 2330604        | 3343671       | 13.06%          | 0.809%        |
| 3         | 5.105       | 355           | 360         | 366          | rBV      | 280365         | 441937        | 1.73%           | 0.107%        |
| 4         | 5.469       | 415           | 422         | 431          | rBV      | 7892290        | 11844299      | 46.28%          | 2.864%        |
| 5         | 5.781       | 469           | 475         | 479          | rBV3     | 211112         | 382791        | 1.50%           | 0.093%        |
| 6         | 5.863       | 484           | 489         | 493          | rVV2     | 267525         | 459868        | 1.80%           | 0.111%        |
| 7         | 5.928       | 493           | 500         | 507          | rVB      | 217308         | 443155        | 1.73%           | 0.107%        |
| 8         | 6.087       | 522           | 527         | 535          | rVB      | 256882         | 431131        | 1.68%           | 0.104%        |
| 9         | 6.181       | 535           | 543         | 552          | rBV4     | 373349         | 1042841       | 4.07%           | 0.252%        |
| 10        | 6.305       | 556           | 564         | 573          | rVB3     | 179693         | 443093        | 1.73%           | 0.107%        |
| 11        | 6.405       | 573           | 581         | 587          | rBV5     | 353348         | 885364        | 3.46%           | 0.214%        |
| 12        | 6.469       | 587           | 592         | 596          | rBV      | 561307         | 827510        | 3.23%           | 0.200%        |
| 13        | 6.546       | 596           | 605         | 608          | rVV3     | 641351         | 1353510       | 5.29%           | 0.327%        |
| 14        | 6.581       | 608           | 611         | 617          | rVB2     | 490656         | 754776        | 2.95%           | 0.183%        |
| 15        | 6.722       | 631           | 635         | 642          | rVB4     | 231501         | 434208        | 1.70%           | 0.105%        |
| 16        | 6.805       | 642           | 649         | 655          | rBV3     | 319879         | 771875        | 3.02%           | 0.187%        |
| 17        | 6.869       | 655           | 660         | 662          | rBV      | 242475         | 378556        | 1.48%           | 0.092%        |
| 18        | 6.905       | 662           | 666         | 671          | rVB      | 558402         | 871287        | 3.40%           | 0.211%        |
| 19        | 7.057       | 685           | 692         | 706          | rVB      | 7638617        | 13146025      | 51.37%          | 3.179%        |
| 20        | 7.240       | 718           | 723         | 727          | rVV4     | 198794         | 416121        | 1.63%           | 0.101%        |
| 21        | 7.293       | 727           | 732         | 736          | rVV2     | 377529         | 557669        | 2.18%           | 0.135%        |
| 22        | 7.363       | 740           | 744         | 746          | rVV2     | 241427         | 387492        | 1.51%           | 0.094%        |
| 23        | 7.393       | 746           | 749         | 758          | rVV3     | 426316         | 1023230       | 4.00%           | 0.247%        |
| 24        | 7.469       | 758           | 762         | 771          | rVB7     | 284087         | 705075        | 2.75%           | 0.171%        |
| 25        | 7.834       | 815           | 824         | 828          | rBV6     | 399753         | 1140945       | 4.46%           | 0.276%        |
| 26        | 7.893       | 828           | 834         | 840          | rVV      | 3350715        | 5443358       | 21.27%          | 1.316%        |
| 27        | 7.981       | 844           | 849         | 854          | rVB3     | 386199         | 735224        | 2.87%           | 0.178%        |
| 28        | 8.099       | 863           | 869         | 873          | rVB4     | 488757         | 823719        | 3.22%           | 0.199%        |
| 29        | 8.193       | 878           | 885         | 893          | rVV4     | 833735         | 2404540       | 9.40%           | 0.582%        |
| 30        | 8.263       | 893           | 897         | 903          | rVB4     | 353163         | 648438        | 2.53%           | 0.157%        |
| 31        | 8.440       | 923           | 927         | 930          | rBV      | 487219         | 798968        | 3.12%           | 0.193%        |
| 32        | 8.504       | 935           | 938         | 941          | rVB2     | 300523         | 371094        | 1.45%           | 0.090%        |
| 33        | 8.681       | 963           | 968         | 971          | rBV5     | 266761         | 475974        | 1.86%           | 0.115%        |
| 34        | 8.734       | 974           | 977         | 981          | rVV      | 341357         | 481614        | 1.88%           | 0.116%        |
| 35        | 8.899       | 1001          | 1005        | 1014         | rVB7     | 134557         | 357440        | 1.40%           | 0.086%        |
| 36        | 9.010       | 1014          | 1024        | 1026         | rBV6     | 1353383        | 3281856       | 12.82%          | 0.794%        |

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Instrument :  
 BNA\_P  
 ClientSampleId :  
 TP-1D

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-BP122821.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|    |        |      |      |      |       |          |          |        |        |
|----|--------|------|------|------|-------|----------|----------|--------|--------|
| 37 | 9.051  | 1026 | 1031 | 1036 | rVB   | 4132212  | 7015765  | 27.41% | 1.697% |
| 38 | 9.269  | 1056 | 1068 | 1074 | rBV10 | 1035531  | 3550026  | 13.87% | 0.859% |
| 39 | 9.393  | 1074 | 1089 | 1094 | rBV6  | 738582   | 3076119  | 12.02% | 0.744% |
| 40 | 9.499  | 1103 | 1107 | 1110 | rBV4  | 225071   | 410596   | 1.60%  | 0.099% |
| 41 | 9.563  | 1114 | 1118 | 1124 | rVV2  | 1223576  | 2191255  | 8.56%  | 0.530% |
| 42 | 9.628  | 1124 | 1129 | 1135 | rVB3  | 842058   | 1399538  | 5.47%  | 0.338% |
| 43 | 9.787  | 1152 | 1156 | 1161 | rBV3  | 721207   | 1254680  | 4.90%  | 0.303% |
| 44 | 9.840  | 1161 | 1165 | 1169 | rVV3  | 863336   | 1330567  | 5.20%  | 0.322% |
| 45 | 9.893  | 1169 | 1174 | 1182 | rVB6  | 1132860  | 2171362  | 8.48%  | 0.525% |
| 46 | 9.981  | 1184 | 1189 | 1195 | rVB3  | 943653   | 2286366  | 8.93%  | 0.553% |
| 47 | 10.063 | 1199 | 1203 | 1206 | rBV   | 462070   | 679584   | 2.66%  | 0.164% |
| 48 | 10.104 | 1206 | 1210 | 1214 | rBV3  | 847716   | 1213366  | 4.74%  | 0.293% |
| 49 | 10.304 | 1239 | 1244 | 1254 | rVB8  | 647471   | 1819248  | 7.11%  | 0.440% |
| 50 | 10.410 | 1257 | 1262 | 1266 | rBV2  | 668422   | 1196857  | 4.68%  | 0.289% |
| 51 | 10.451 | 1266 | 1269 | 1272 | rBV4  | 315314   | 475315   | 1.86%  | 0.115% |
| 52 | 10.575 | 1286 | 1290 | 1294 | rBV3  | 1125984  | 2054226  | 8.03%  | 0.497% |
| 53 | 10.693 | 1303 | 1310 | 1317 | rBV2  | 3078827  | 6285561  | 24.56% | 1.520% |
| 54 | 10.828 | 1329 | 1333 | 1338 | rVB3  | 1052076  | 1972652  | 7.71%  | 0.477% |
| 55 | 10.881 | 1338 | 1342 | 1347 | rBV   | 4194801  | 6338707  | 24.77% | 1.533% |
| 56 | 11.010 | 1360 | 1364 | 1370 | rVB4  | 933518   | 1597832  | 6.24%  | 0.386% |
| 57 | 11.122 | 1379 | 1383 | 1388 | rVB6  | 504592   | 780464   | 3.05%  | 0.189% |
| 58 | 11.210 | 1393 | 1398 | 1403 | rBV2  | 1366479  | 2320742  | 9.07%  | 0.561% |
| 59 | 11.334 | 1415 | 1419 | 1422 | rBV3  | 525322   | 743367   | 2.90%  | 0.180% |
| 60 | 11.416 | 1422 | 1433 | 1437 | rBV5  | 2441139  | 6307147  | 24.64% | 1.525% |
| 61 | 11.487 | 1442 | 1445 | 1451 | rVB3  | 973552   | 1572937  | 6.15%  | 0.380% |
| 62 | 11.557 | 1452 | 1457 | 1462 | rBV5  | 977658   | 1829577  | 7.15%  | 0.442% |
| 63 | 11.745 | 1484 | 1489 | 1497 | rBV   | 5142141  | 10307347 | 40.27% | 2.493% |
| 64 | 11.898 | 1512 | 1515 | 1523 | rBV3  | 771630   | 1237127  | 4.83%  | 0.299% |
| 65 | 11.998 | 1528 | 1532 | 1536 | rBV3  | 1386297  | 2149354  | 8.40%  | 0.520% |
| 66 | 12.357 | 1591 | 1593 | 1602 | rVB   | 2795844  | 3981410  | 15.56% | 0.963% |
| 67 | 12.445 | 1603 | 1608 | 1614 | rBV6  | 1148451  | 2774028  | 10.84% | 0.671% |
| 68 | 12.504 | 1614 | 1618 | 1620 | rBV4  | 696739   | 1084368  | 4.24%  | 0.262% |
| 69 | 12.569 | 1626 | 1629 | 1634 | rVB4  | 1454143  | 2136253  | 8.35%  | 0.517% |
| 70 | 12.822 | 1667 | 1672 | 1678 | rVV5  | 1998295  | 4192323  | 16.38% | 1.014% |
| 71 | 12.875 | 1679 | 1681 | 1690 | rVB7  | 1287800  | 2743914  | 10.72% | 0.664% |
| 72 | 13.045 | 1705 | 1710 | 1713 | rBV4  | 1586150  | 3353548  | 13.10% | 0.811% |
| 73 | 13.092 | 1713 | 1718 | 1722 | rVV   | 7344721  | 11175844 | 43.67% | 2.703% |
| 74 | 13.151 | 1723 | 1728 | 1733 | rVB   | 10321911 | 16084984 | 62.85% | 3.890% |
| 75 | 13.351 | 1755 | 1762 | 1767 | rBV4  | 2146589  | 6111885  | 23.88% | 1.478% |
| 76 | 13.398 | 1767 | 1770 | 1773 | rVV2  | 1349372  | 1677428  | 6.55%  | 0.406% |

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Sample : M5237-04  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
TP-1D

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

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-BP122821.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|     |        |      |      |      |      |          |          |         |        |
|-----|--------|------|------|------|------|----------|----------|---------|--------|
| 77  | 13.463 | 1778 | 1781 | 1787 | rVB3 | 2170904  | 3558032  | 13.90%  | 0.860% |
| 78  | 13.687 | 1816 | 1819 | 1822 | rBV3 | 1516209  | 2421418  | 9.46%   | 0.586% |
| 79  | 13.810 | 1836 | 1840 | 1842 | rBV4 | 1482300  | 2106177  | 8.23%   | 0.509% |
| 80  | 13.851 | 1843 | 1847 | 1851 | rVV2 | 2939247  | 5296735  | 20.70%  | 1.281% |
| 81  | 13.904 | 1853 | 1856 | 1860 | rVB2 | 2139938  | 3138269  | 12.26%  | 0.759% |
| 82  | 14.034 | 1873 | 1878 | 1882 | rVB2 | 8082034  | 11566269 | 45.19%  | 2.797% |
| 83  | 14.245 | 1910 | 1914 | 1917 | rBV4 | 2014429  | 3126407  | 12.22%  | 0.756% |
| 84  | 14.375 | 1932 | 1936 | 1943 | rVB3 | 3132452  | 5850143  | 22.86%  | 1.415% |
| 85  | 14.445 | 1944 | 1948 | 1952 | rBV3 | 1550084  | 3069386  | 11.99%  | 0.742% |
| 86  | 14.522 | 1955 | 1961 | 1974 | rVV8 | 4672710  | 12922381 | 50.49%  | 3.125% |
| 87  | 15.069 | 2050 | 2054 | 2060 | rVB4 | 5441665  | 8142101  | 31.81%  | 1.969% |
| 88  | 15.151 | 2064 | 2068 | 2072 | rBV2 | 2283471  | 3760286  | 14.69%  | 0.909% |
| 89  | 15.804 | 2173 | 2179 | 2185 | rVB  | 11100601 | 18840473 | 73.62%  | 4.556% |
| 90  | 16.010 | 2210 | 2214 | 2222 | rVB3 | 8162952  | 13040082 | 50.95%  | 3.154% |
| 91  | 16.286 | 2253 | 2261 | 2266 | rBV2 | 14197461 | 25593154 | 100.00% | 6.190% |
| 92  | 17.110 | 2397 | 2401 | 2412 | rVB  | 12493509 | 22262339 | 86.99%  | 5.384% |
| 93  | 17.275 | 2427 | 2429 | 2432 | rBV  | 2206431  | 2742151  | 10.71%  | 0.663% |
| 94  | 17.716 | 2501 | 2504 | 2509 | rVB  | 4670722  | 6841315  | 26.73%  | 1.655% |
| 95  | 18.180 | 2580 | 2583 | 2593 | rVB2 | 8092808  | 12352751 | 48.27%  | 2.987% |
| 96  | 18.910 | 2704 | 2707 | 2711 | rBV2 | 3568422  | 4454162  | 17.40%  | 1.077% |
| 97  | 19.410 | 2788 | 2792 | 2805 | rVB2 | 10174022 | 17304688 | 67.61%  | 4.185% |
| 98  | 19.833 | 2860 | 2864 | 2868 | rVB  | 15438685 | 18644635 | 72.85%  | 4.509% |
| 99  | 21.357 | 3120 | 3123 | 3127 | rVB  | 4739086  | 5849055  | 22.85%  | 1.415% |
| 100 | 23.780 | 3530 | 3535 | 3551 | rVB2 | 4154464  | 9436977  | 36.87%  | 2.282% |

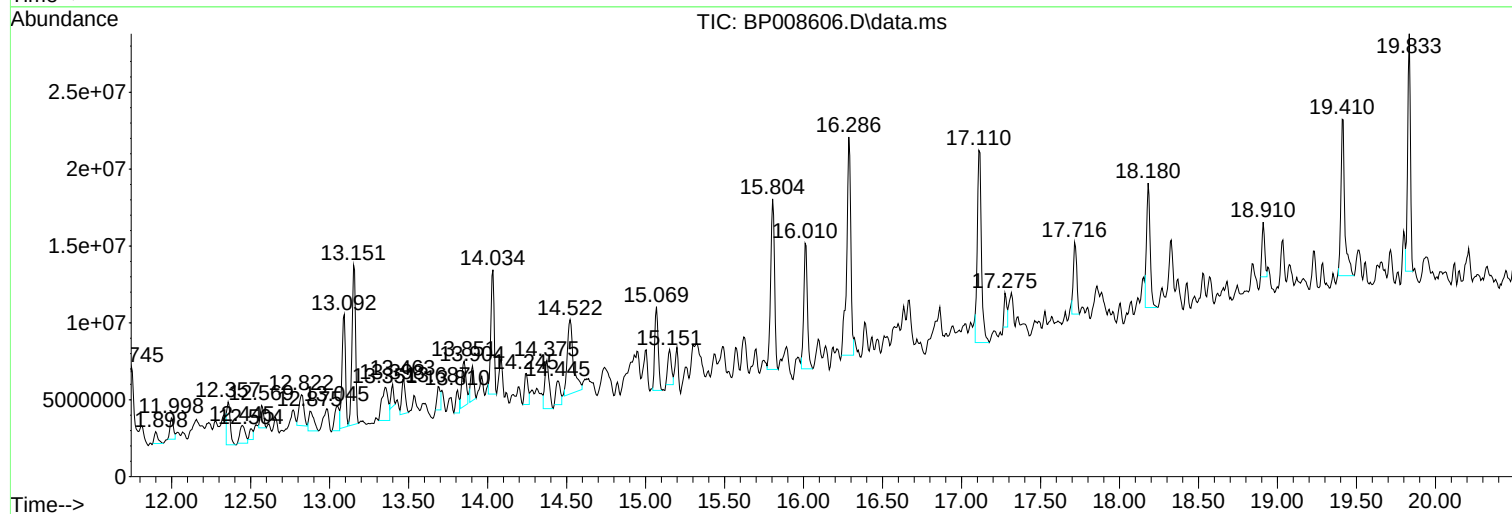
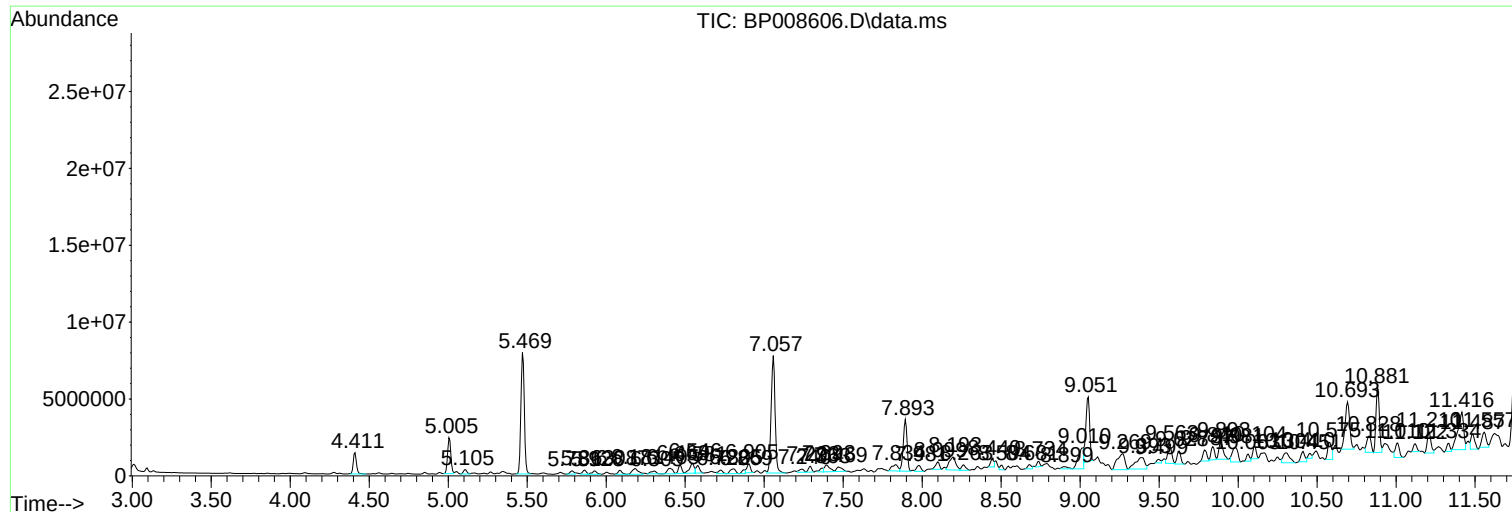
Sum of corrected areas: 413486276

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Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
TP-1D

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP122821.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\BP123021\  
Data File : BP008606.D  
Acq On : 30 Dec 2021 12:50  
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

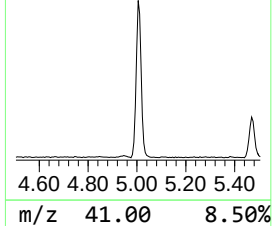
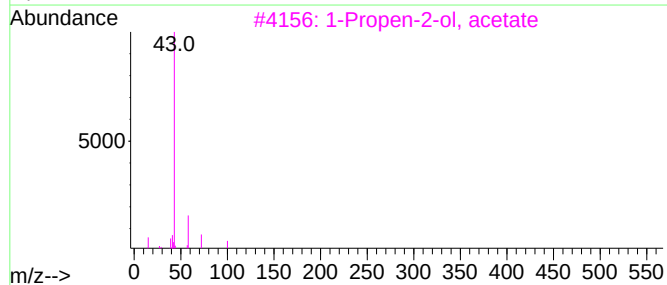
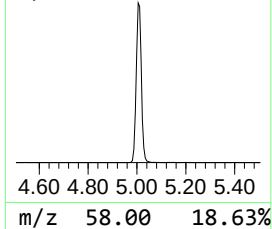
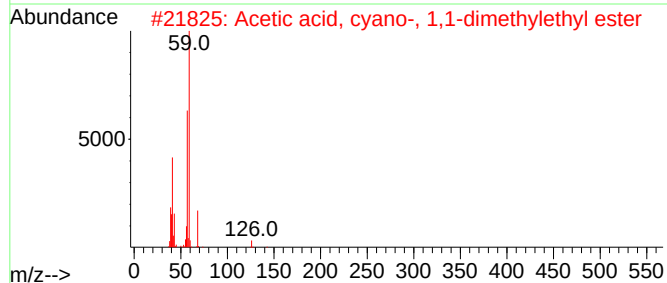
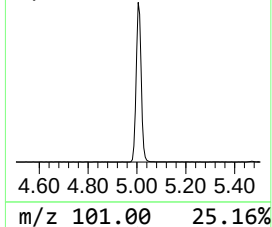
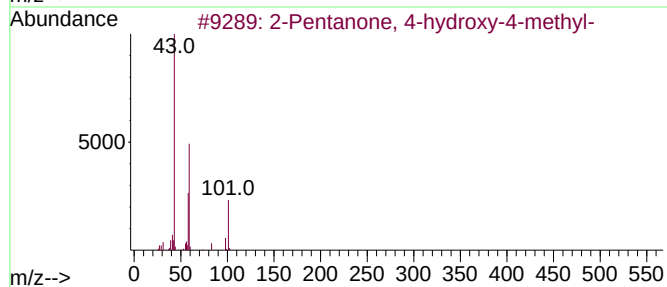
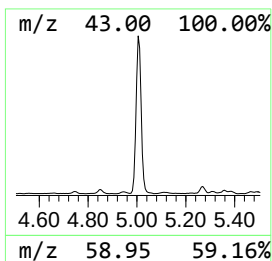
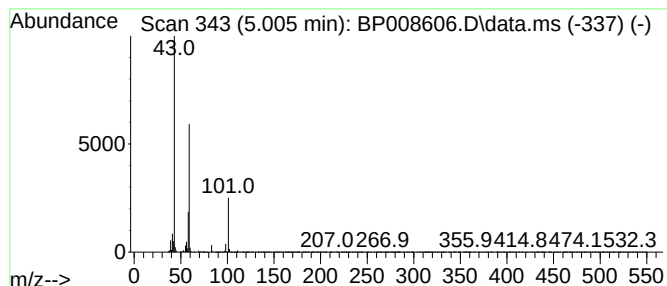
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 16

| R.T.  | EstConc  | Area    | Relative to ISTD       | R.T.  |
|-------|----------|---------|------------------------|-------|
| 5.005 | 12.29 ng | 3343670 | 1,4-Dichlorobenzene-d4 | 7.893 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | 2-Pentanone, 4-hydroxy-4-methyl-    | 116 | C6H12O2  | 000123-42-2 | 53   |
| 2    |    |   | Acetic acid, cyano-, 1,1-dimethy... | 141 | C7H11NO2 | 001116-98-9 | 17   |
| 3    |    |   | 1-Propen-2-ol, acetate              | 100 | C5H8O2   | 000108-22-5 | 10   |
| 4    |    |   | Acetone                             | 58  | C3H6O    | 000067-64-1 | 10   |
| 5    |    |   | Morpholine, 4-methyl-               | 101 | C5H11NO  | 000109-02-4 | 9    |



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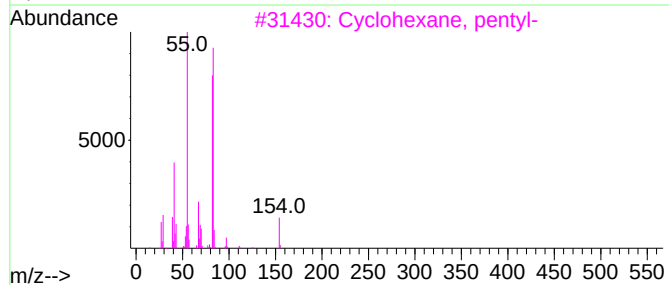
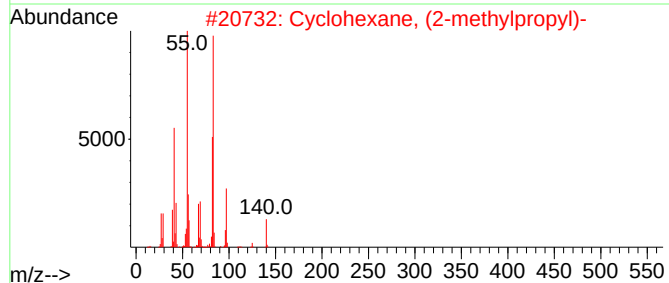
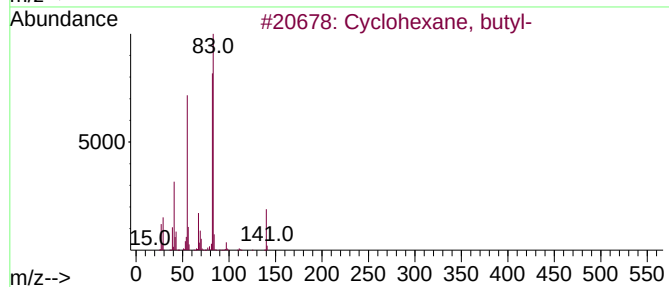
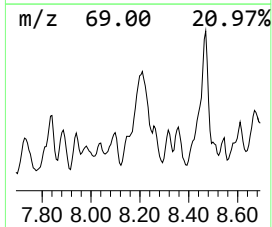
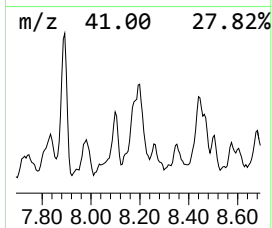
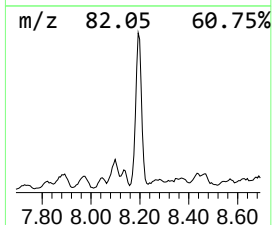
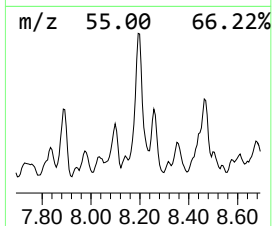
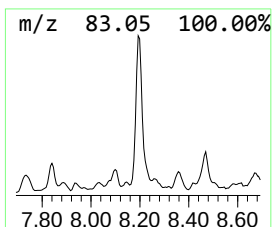
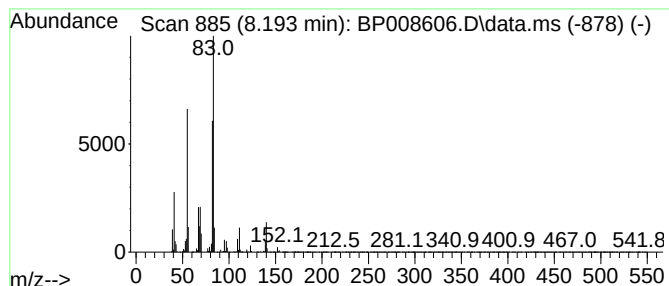
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP122821.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 2 Cyclohexane, butyl- Concentration Rank 20

| R.T.  | EstConc | Area    | Relative to ISTD       | R.T.  |
|-------|---------|---------|------------------------|-------|
| 8.193 | 8.83 ng | 2404540 | 1,4-Dichlorobenzene-d4 | 7.893 |

| Hit# | of | 5 | Tentative ID                   | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------------------------|-----|---------|-------------|------|
| 1    |    |   | Cyclohexane, butyl-            | 140 | C10H20  | 001678-93-9 | 81   |
| 2    |    |   | Cyclohexane, (2-methylpropyl)- | 140 | C10H20  | 001678-98-4 | 80   |
| 3    |    |   | Cyclohexane, pentyl-           | 154 | C11H22  | 004292-92-6 | 74   |
| 4    |    |   | Cyclohexane, propyl-           | 126 | C9H18   | 001678-92-8 | 64   |
| 5    |    |   | Cyclohexane, octyl-            | 196 | C14H28  | 001795-15-9 | 64   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP123021\  
Data File : BP008606.D  
Acq On : 30 Dec 2021 12:50  
Operator : CG/JU  
Sample : M5237-04  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
TP-1D

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

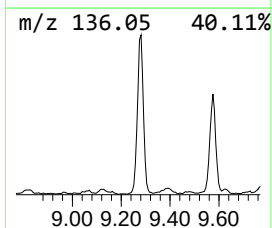
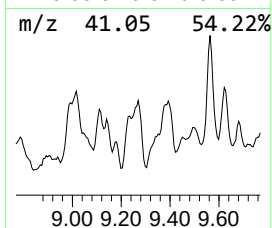
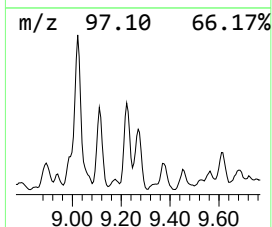
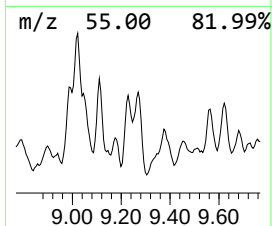
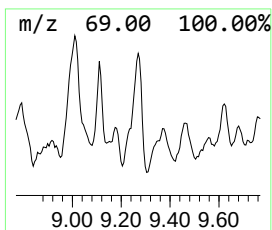
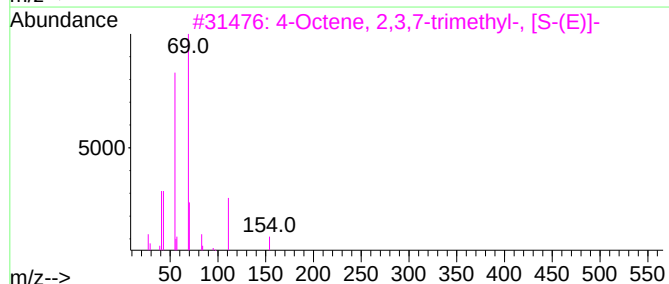
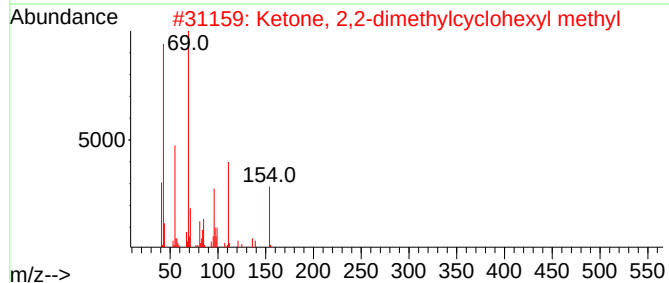
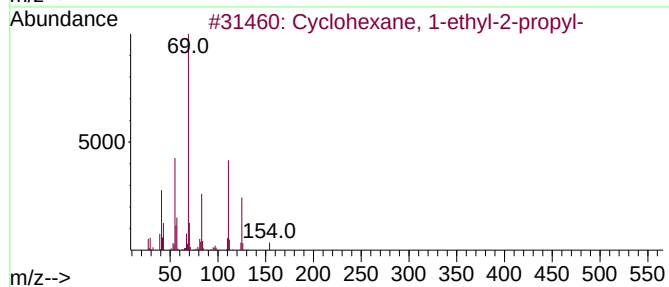
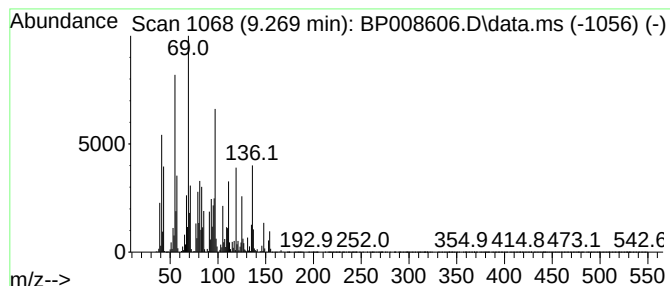
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TIC Integration Parameters: LSCINT.P

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Peak Number 3 unknown9.269 Concentration Rank 13

| R.T.  | EstConc  | Area    | Relative to ISTD       | R.T.  |
|-------|----------|---------|------------------------|-------|
| 9.269 | 13.04 ng | 3550030 | 1,4-Dichlorobenzene-d4 | 7.893 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Cyclohexane, 1-ethyl-2-propyl-      | 154 | C11H22  | 062238-33-9 | 42   |
| 2    |    |   | Ketone, 2,2-dimethylcyclohexyl m... | 154 | C10H18O | 017983-26-5 | 35   |
| 3    |    |   | 4-Octene, 2,3,7-trimethyl-, [S-(... | 154 | C11H22  | 052763-13-0 | 30   |
| 4    |    |   | 2-Pentene, 3-ethyl-4,4-dimethyl-    | 126 | C9H18   | 053907-59-8 | 27   |
| 5    |    |   | 2,6-Octadien-1-ol, 3,7-dimethyl-... | 154 | C10H18O | 000106-25-2 | 22   |



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Data File : BP008606.D  
Acq On : 30 Dec 2021 12:50  
Operator : CG/JU  
Sample : M5237-04  
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ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
TP-1D

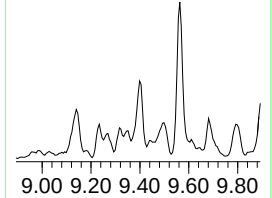
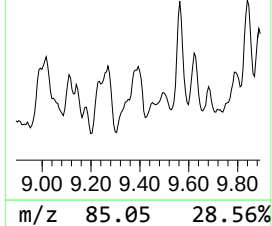
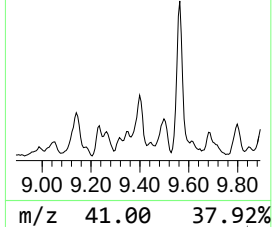
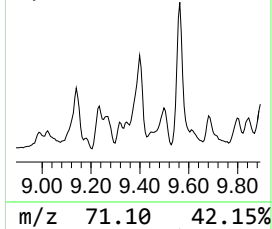
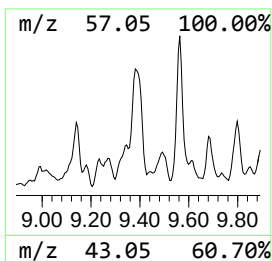
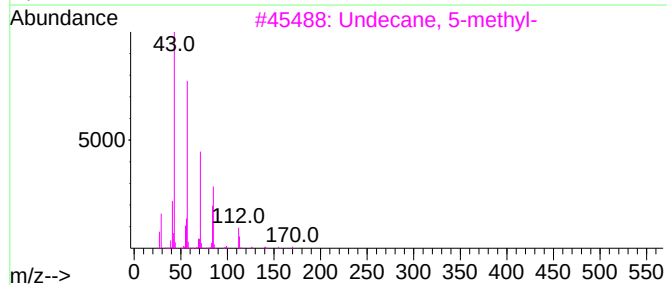
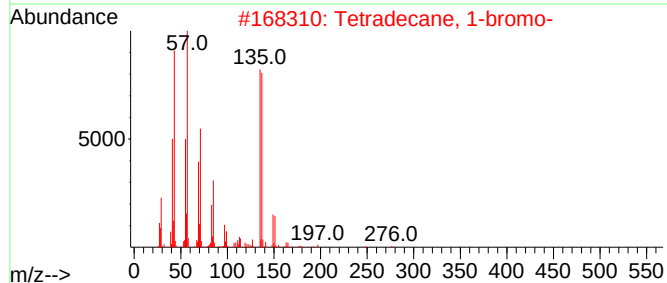
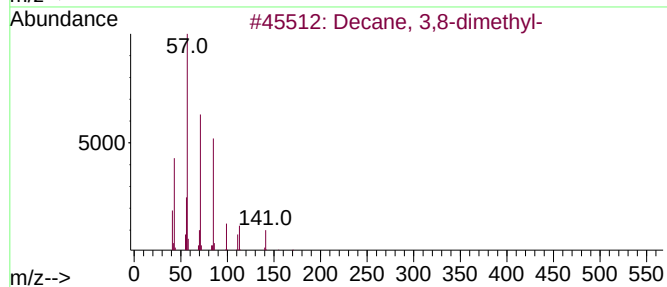
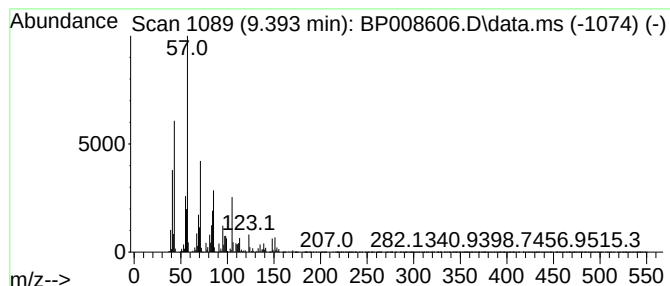
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 4 Decane, 3,8-dimethyl- Concentration Rank 17

| R.T.  | EstConc | Area    | Relative to ISTD | R.T.   |
|-------|---------|---------|------------------|--------|
| 9.393 | 9.79 ng | 3076120 | Naphthalene-d8   | 10.698 |

| Hit# | of | 5 | Tentative ID             | MW  | MolForm  | CAS#        | Qual |
|------|----|---|--------------------------|-----|----------|-------------|------|
| 1    |    |   | Decane, 3,8-dimethyl-    | 170 | C12H26   | 017312-55-9 | 60   |
| 2    |    |   | Tetradecane, 1-bromo-    | 276 | C14H29Br | 000112-71-0 | 53   |
| 3    |    |   | Undecane, 5-methyl-      | 170 | C12H26   | 001632-70-8 | 52   |
| 4    |    |   | Hexane, 2,3,4-trimethyl- | 128 | C9H20    | 000921-47-1 | 46   |
| 5    |    |   | Decane, 3,6-dimethyl-    | 170 | C12H26   | 017312-53-7 | 46   |





Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP123021\  
Data File : BP008606.D  
Acq On : 30 Dec 2021 12:50  
Operator : CG/JU  
Sample : M5237-04  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

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BNA\_P  
ClientSampleId :  
TP-1D

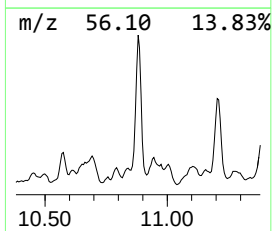
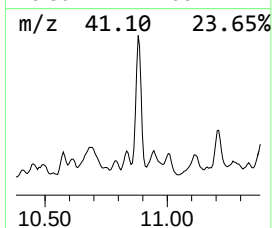
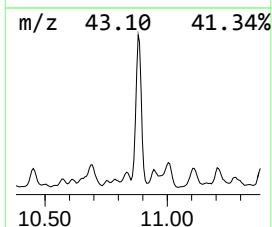
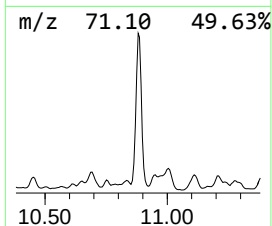
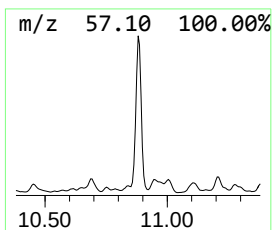
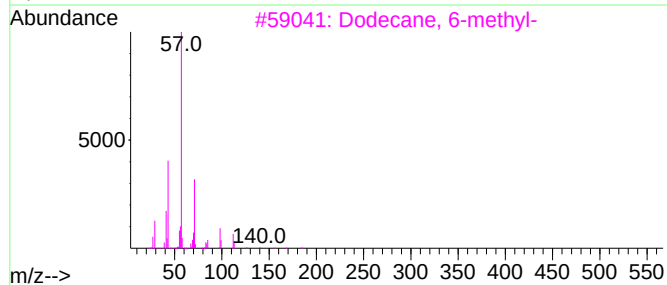
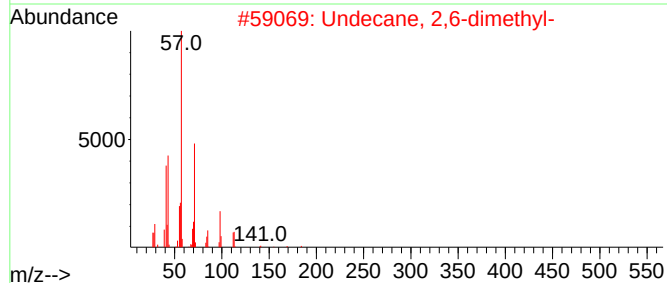
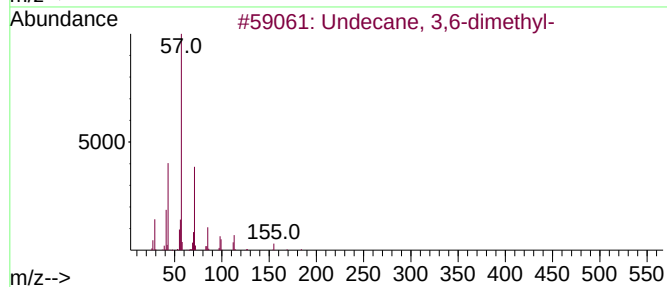
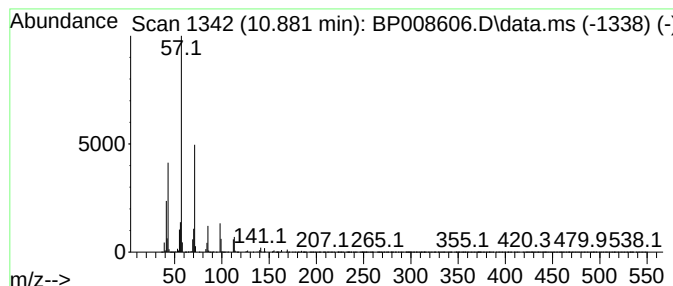
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 5 Undecane, 3,6-dimethyl- Concentration Rank 9

| R.T.   | EstConc  | Area    | Relative to ISTD | R.T.   |
|--------|----------|---------|------------------|--------|
| 10.881 | 20.17 ng | 6338710 | Naphthalene-d8   | 10.698 |

| Hit# | of | 5 | Tentative ID            | MW  | MolForm | CAS#         | Qual |
|------|----|---|-------------------------|-----|---------|--------------|------|
| 1    |    |   | Undecane, 3,6-dimethyl- | 184 | C13H28  | 017301-28-9  | 94   |
| 2    |    |   | Undecane, 2,6-dimethyl- | 184 | C13H28  | 017301-23-4  | 70   |
| 3    |    |   | Dodecane, 6-methyl-     | 184 | C13H28  | 006044-71-9  | 68   |
| 4    |    |   | Undecane, 6-ethyl-      | 184 | C13H28  | 017312-60-6  | 64   |
| 5    |    |   | Eicosyl octyl ether     | 410 | C28H58O | 1000406-38-8 | 64   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP123021\  
Data File : BP008606.D  
Acq On : 30 Dec 2021 12:50  
Operator : CG/JU  
Sample : M5237-04  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
TP-1D

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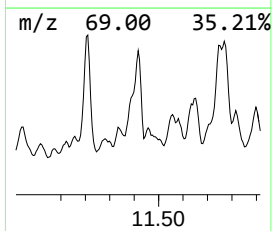
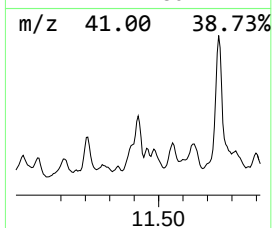
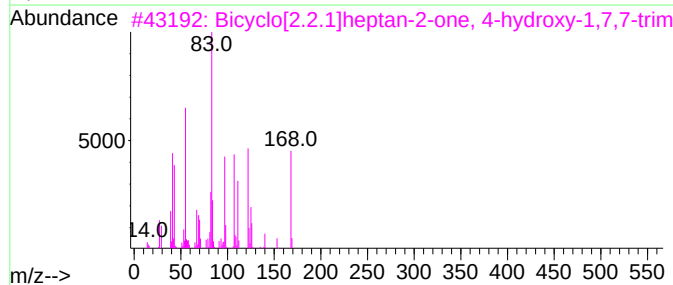
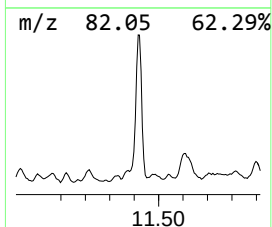
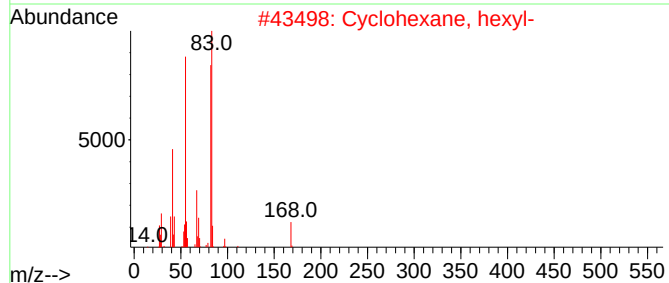
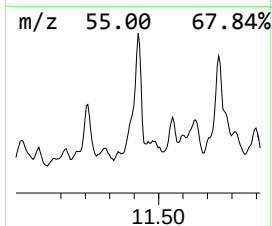
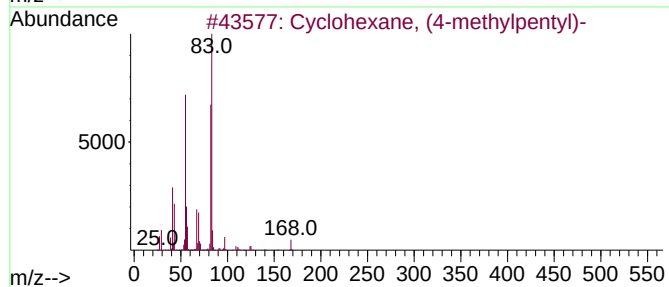
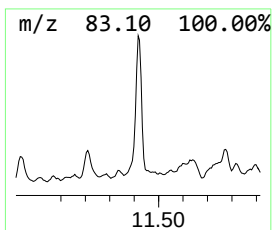
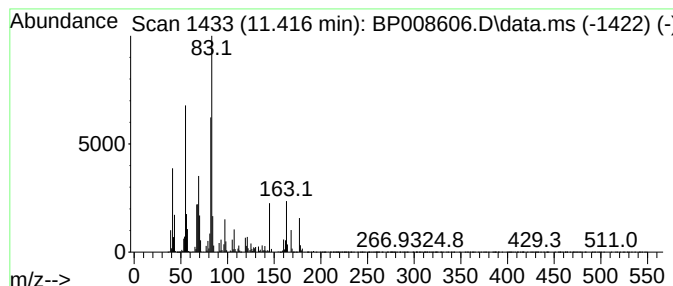
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TIC Integration Parameters: LSCINT.P

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Peak Number 6 Cyclohexane, (4-methylpentyl)- Concentration Rank 10

| R.T.   | EstConc  | Area    | Relative to ISTD | R.T.   |
|--------|----------|---------|------------------|--------|
| 11.416 | 20.07 ng | 6307150 | Naphthalene-d8   | 10.698 |

| Hit# | of 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|------|-------------------------------------|-----|----------|-------------|------|
| 1    |      | Cyclohexane, (4-methylpentyl)-      | 168 | C12H24   | 061142-20-9 | 60   |
| 2    |      | Cyclohexane, hexyl-                 | 168 | C12H24   | 004292-75-5 | 49   |
| 3    |      | Bicyclo[2.2.1]heptan-2-one, 4-hy... | 168 | C10H16O2 | 055784-66-2 | 47   |
| 4    |      | Cyclohexane, octyl-                 | 196 | C14H28   | 001795-15-9 | 47   |
| 5    |      | Heptylcyclohexane                   | 182 | C13H26   | 005617-41-4 | 46   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP123021\  
Data File : BP008606.D  
Acq On : 30 Dec 2021 12:50  
Operator : CG/JU  
Sample : M5237-04  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
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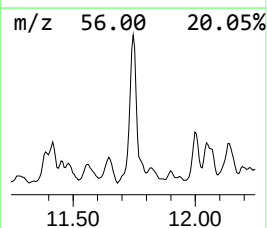
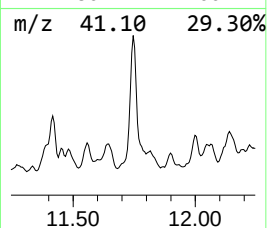
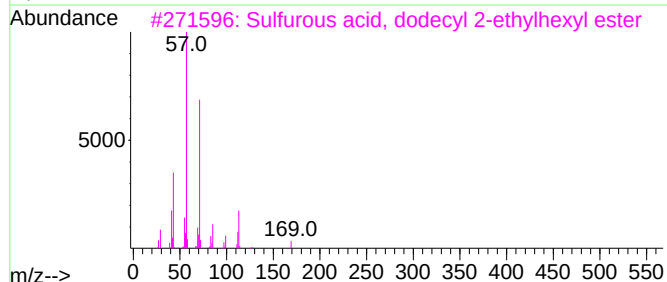
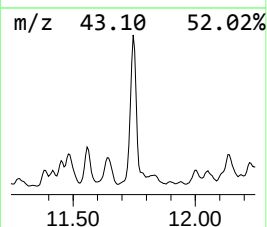
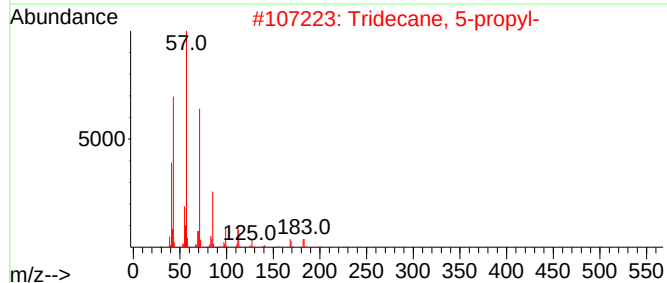
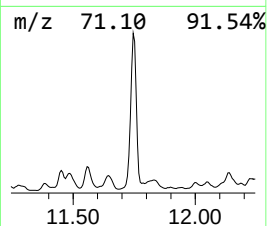
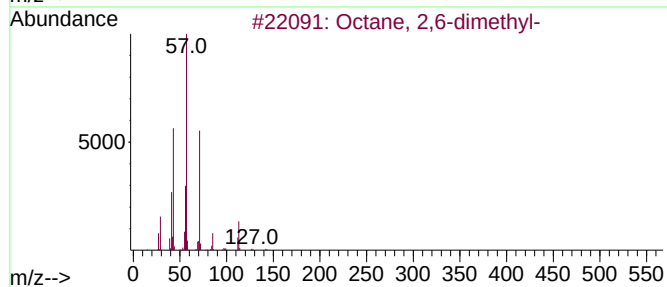
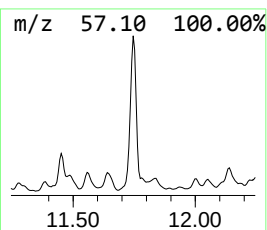
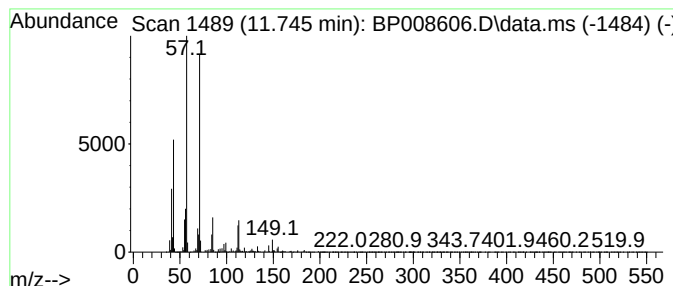
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 7 Octane, 2,6-dimethyl- Concentration Rank 6

| R.T.   | EstConc  | Area     | Relative to ISTD | R.T.   |
|--------|----------|----------|------------------|--------|
| 11.746 | 32.80 ng | 10307300 | Naphthalene-d8   | 10.698 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | Octane, 2,6-dimethyl-               | 142 | C10H22    | 002051-30-1  | 78   |
| 2    |    |   | Tridecane, 5-propyl-                | 226 | C16H34    | 055045-11-9  | 64   |
| 3    |    |   | Sulfurous acid, dodecyl 2-ethylh... | 362 | C20H42O3S | 1000309-19-5 | 52   |
| 4    |    |   | Sulfurous acid, decyl 2-ethylhex... | 334 | C18H38O3S | 1000309-19-3 | 49   |
| 5    |    |   | Sulfurous acid, 2-ethylhexyl non... | 320 | C17H36O3S | 1010309-19-2 | 47   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP123021\  
Data File : BP008606.D  
Acq On : 30 Dec 2021 12:50  
Operator : CG/JU  
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Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
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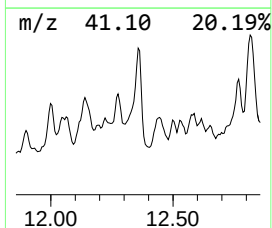
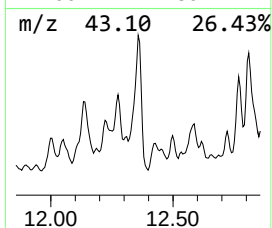
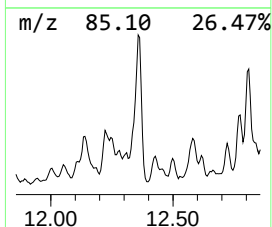
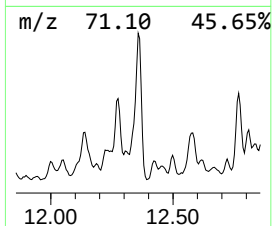
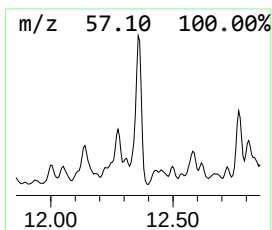
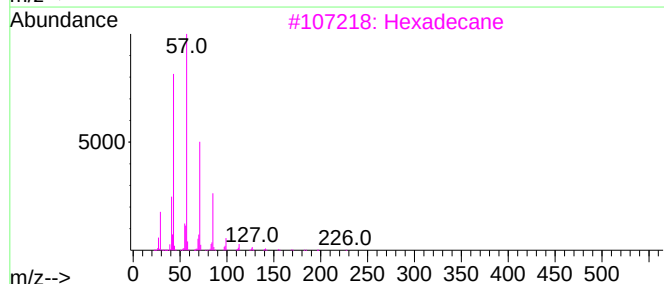
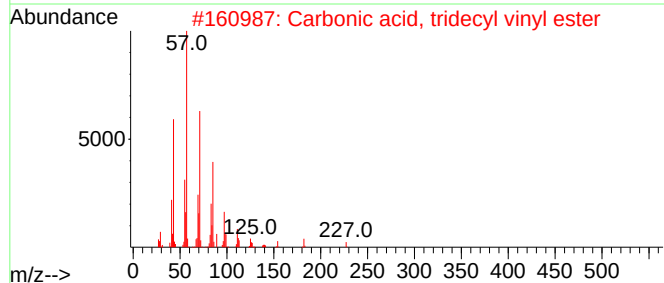
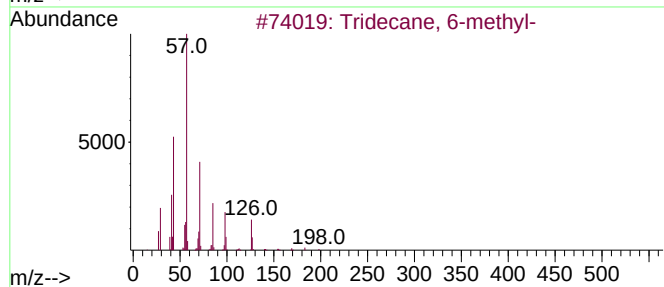
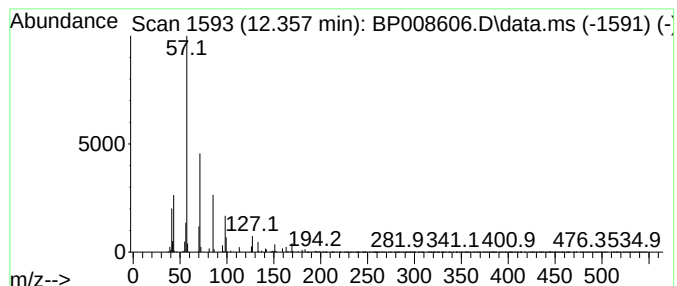
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 8 Tridecane, 6-methyl- Concentration Rank 14

| R.T.   | EstConc  | Area    | Relative to ISTD | R.T.   |
|--------|----------|---------|------------------|--------|
| 12.357 | 12.67 ng | 3981410 | Naphthalene-d8   | 10.698 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | Tridecane, 6-methyl-                | 198 | C14H30    | 013287-21-3  | 91   |
| 2    |    |   | Carbonic acid, tridecyl vinyl ester | 270 | C16H30O3  | 1000382-54-7 | 64   |
| 3    |    |   | Hexadecane                          | 226 | C16H34    | 000544-76-3  | 59   |
| 4    |    |   | Undecane, 4,6-dimethyl-             | 184 | C13H28    | 017312-82-2  | 58   |
| 5    |    |   | Sulfurous acid, butyl nonyl ester   | 264 | C13H28O3S | 1000309-17-6 | 53   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP123021\  
Data File : BP008606.D  
Acq On : 30 Dec 2021 12:50  
Operator : CG/JU  
Sample : M5237-04  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
TP-1D

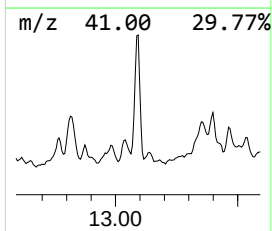
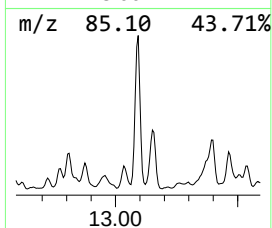
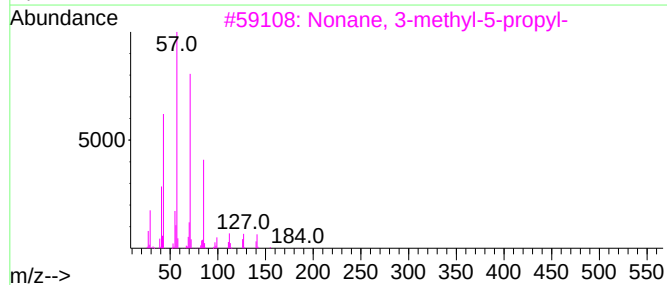
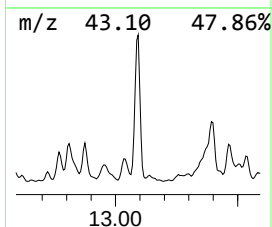
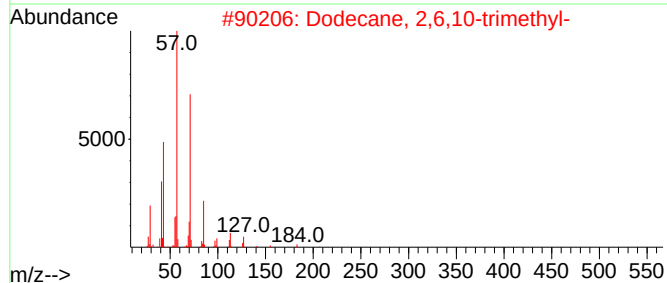
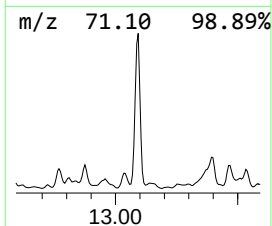
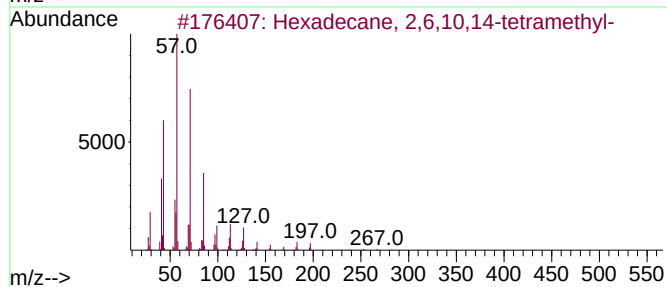
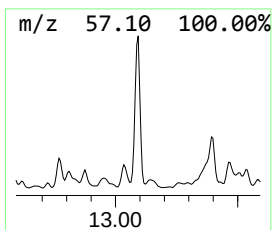
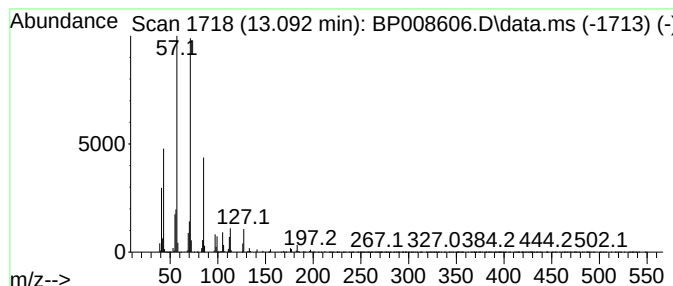
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 9 Hexadecane, 2,6,10,14-tetra... Concentration Rank 12

| R.T.      | EstConc                            | Area     | Relative to ISTD | R.T.        |      |
|-----------|------------------------------------|----------|------------------|-------------|------|
| 13.092    | 17.30 ng                           | 11175800 | Acenaphthene-d10 | 14.528      |      |
| Hit# of 5 | Tentative ID                       | MW       | MolForm          | CAS#        | Qual |
| 1         | Hexadecane, 2,6,10,14-tetramethyl- | 282      | C20H42           | 000638-36-8 | 86   |
| 2         | Dodecane, 2,6,10-trimethyl-        | 212      | C15H32           | 003891-98-3 | 80   |
| 3         | Nonane, 3-methyl-5-propyl-         | 184      | C13H28           | 031081-18-2 | 72   |
| 4         | Dodecane, 2,7,10-trimethyl-        | 212      | C15H32           | 074645-98-0 | 72   |
| 5         | Dodecane, 2,6,11-trimethyl-        | 212      | C15H32           | 031295-56-4 | 64   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP123021\  
Data File : BP008606.D  
Acq On : 30 Dec 2021 12:50  
Operator : CG/JU  
Sample : M5237-04  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
TP-1D

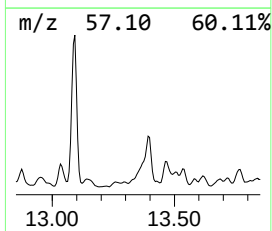
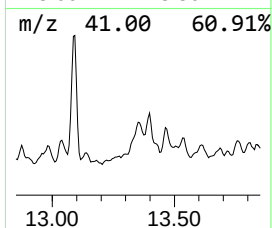
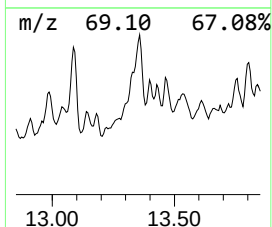
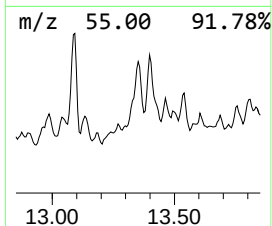
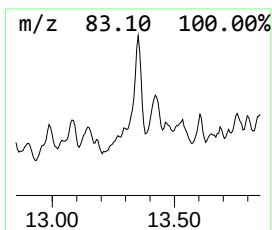
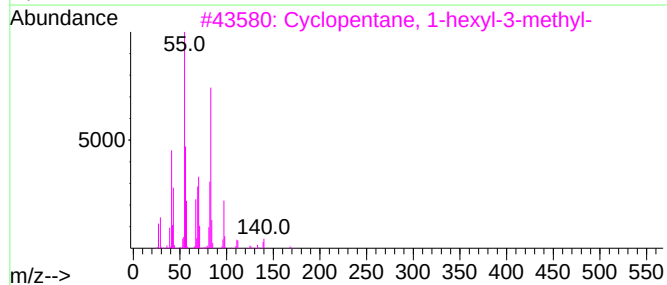
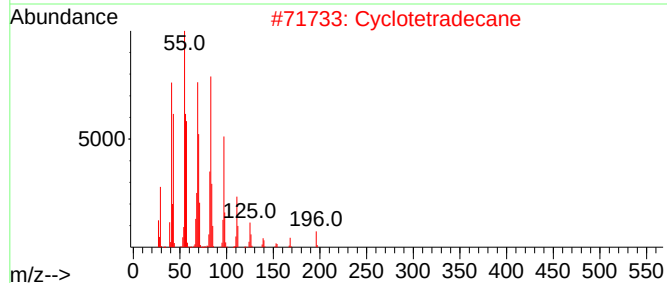
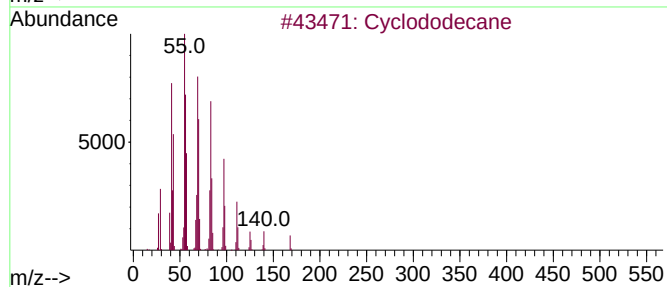
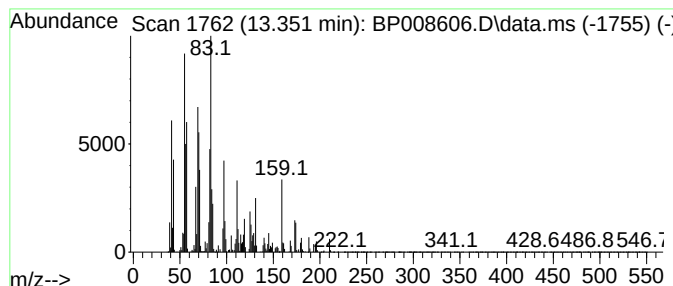
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 10 Cyclododecane Concentration Rank 18

| R.T.   | EstConc | Area    | Relative to ISTD | R.T.   |
|--------|---------|---------|------------------|--------|
| 13.351 | 9.46 ng | 6111890 | Acenaphthene-d10 | 14.528 |

| Hit# | of 5 | Tentative ID                    | MW  | MolForm | CAS#        | Qual |
|------|------|---------------------------------|-----|---------|-------------|------|
| 1    |      | Cyclododecane                   | 168 | C12H24  | 000294-62-2 | 78   |
| 2    |      | Cyclotetradecane                | 196 | C14H28  | 000295-17-0 | 70   |
| 3    |      | Cyclopentane, 1-hexyl-3-methyl- | 168 | C12H24  | 061142-68-5 | 70   |
| 4    |      | 4-Tetradecene, (E)-             | 196 | C14H28  | 041446-78-0 | 60   |
| 5    |      | 5-Tetradecene, (E)-             | 196 | C14H28  | 041446-66-6 | 60   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP123021\  
Data File : BP008606.D  
Acq On : 30 Dec 2021 12:50  
Operator : CG/JU  
Sample : M5237-04  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
TP-1D

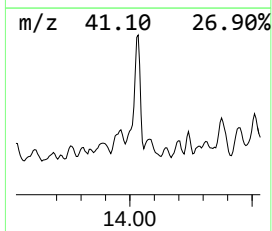
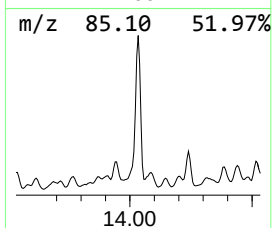
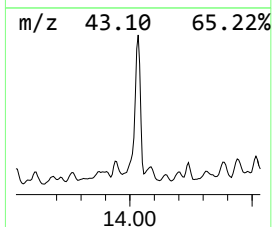
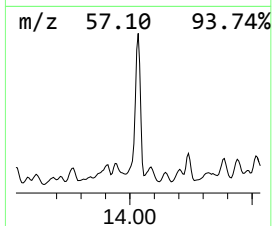
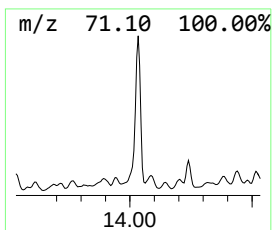
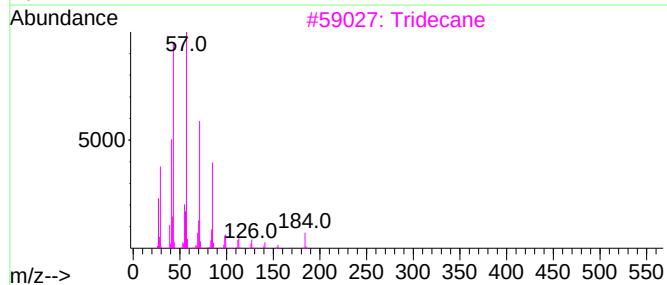
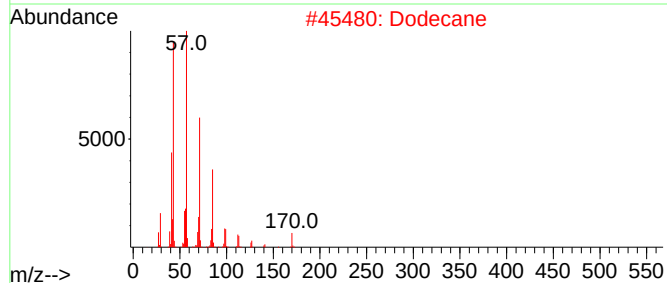
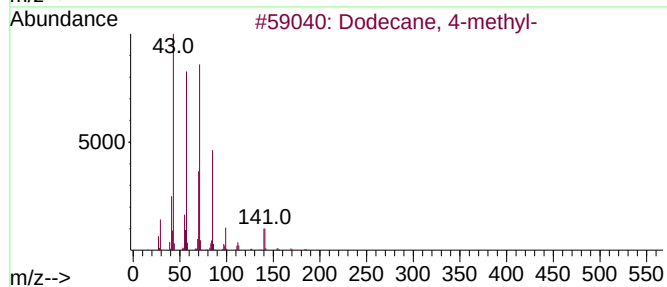
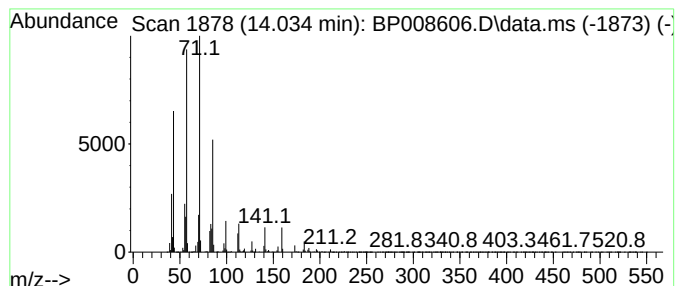
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 11 Dodecane, 4-methyl- Concentration Rank 11

| R.T.   | EstConc  | Area     | Relative to ISTD | R.T.   |
|--------|----------|----------|------------------|--------|
| 14.034 | 17.90 ng | 11566300 | Acenaphthene-d10 | 14.528 |

| Hit# | of | 5 | Tentative ID         | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------|-----|---------|-------------|------|
| 1    |    |   | Dodecane, 4-methyl-  | 184 | C13H28  | 006117-97-1 | 87   |
| 2    |    |   | Dodecane             | 170 | C12H26  | 000112-40-3 | 80   |
| 3    |    |   | Tridecane            | 184 | C13H28  | 000629-50-5 | 64   |
| 4    |    |   | Hexadecane           | 226 | C16H34  | 000544-76-3 | 64   |
| 5    |    |   | Tridecane, 5-propyl- | 226 | C16H34  | 055045-11-9 | 59   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP123021\  
Data File : BP008606.D  
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Operator : CG/JU  
Sample : M5237-04  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

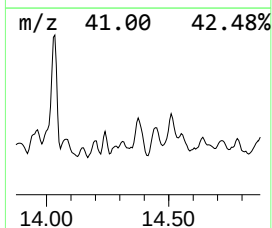
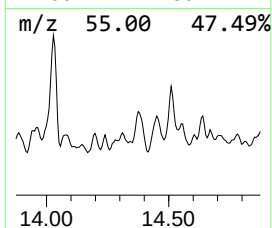
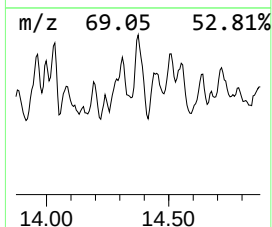
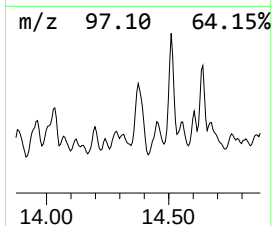
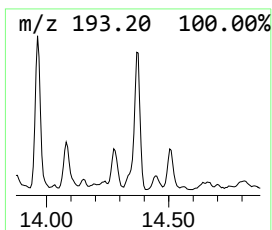
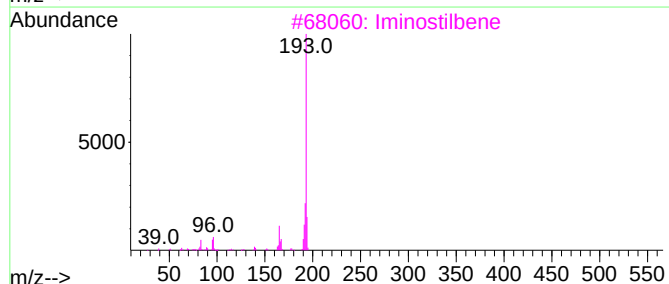
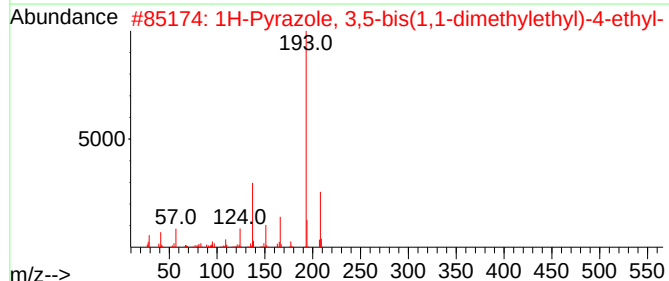
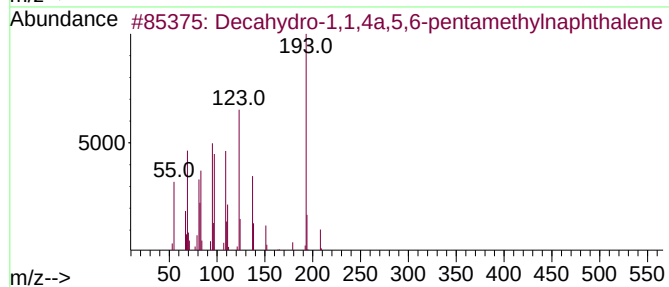
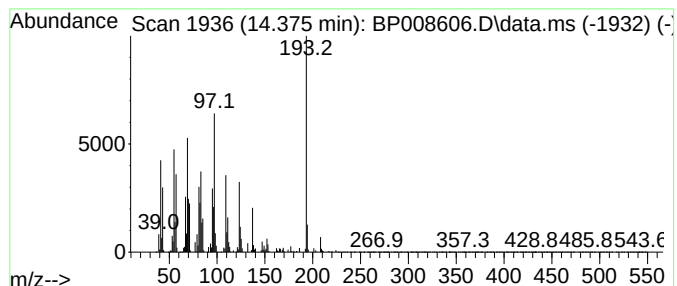
Instrument :  
BNA\_P  
ClientSampleId :  
TP-1D

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP122821.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 Decahydro-1,1,4a,5,6-pentam... Concentration Rank 19

| R.T.      | EstConc                             | Area    | Relative to ISTD |           | R.T.        |      |
|-----------|-------------------------------------|---------|------------------|-----------|-------------|------|
| 14.375    | 9.05 ng                             | 5850140 | Acenaphthene-d10 |           | 14.528      |      |
| Hit# of 5 | Tentative ID                        |         | MW               | MolForm   | CAS#        | Qual |
| 1         | Decahydro-1,1,4a,5,6-pentamethyl... |         | 208              | C15H28    | 080655-44-3 | 62   |
| 2         | 1H-Pyrazole, 3,5-bis(1,1-dimethy... |         | 208              | C13H24N2  | 125281-21-2 | 38   |
| 3         | Iminostilbene                       |         | 193              | C14H11N   | 000256-96-2 | 35   |
| 4         | Acridine, 9-methyl-                 |         | 193              | C14H11N   | 000611-64-3 | 22   |
| 5         | trans-3-Methoxy-b-methyl-b-niros... |         | 193              | C10H11NO3 | 018738-95-9 | 22   |





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Data File : BP008606.D  
Acq On : 30 Dec 2021 12:50  
Operator : CG/JU  
Sample : M5237-04  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP122821.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

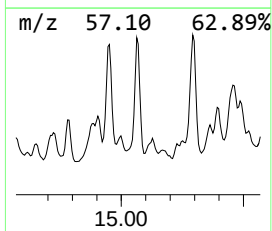
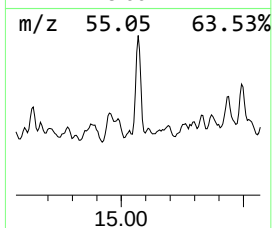
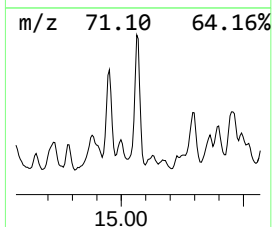
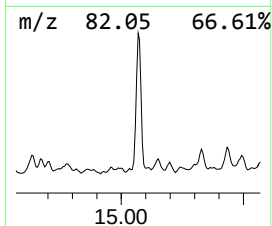
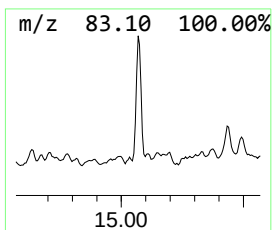
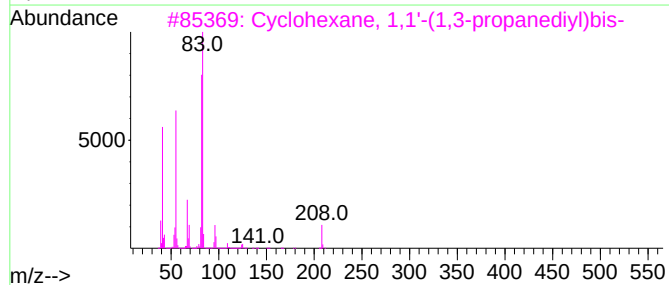
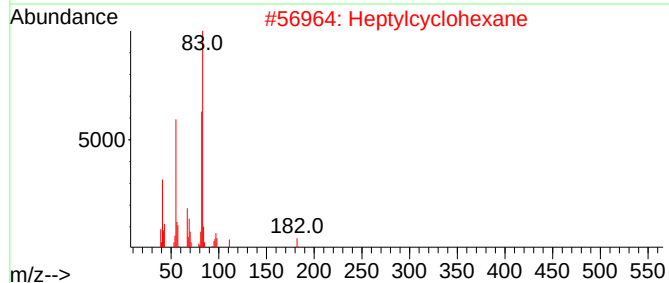
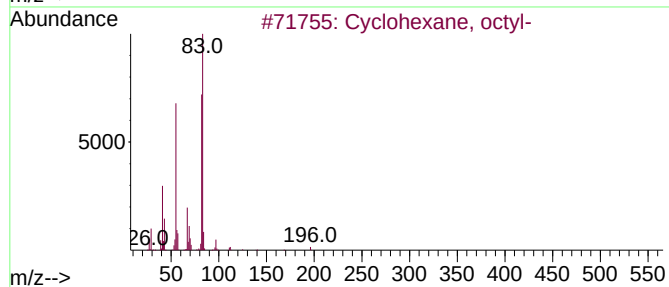
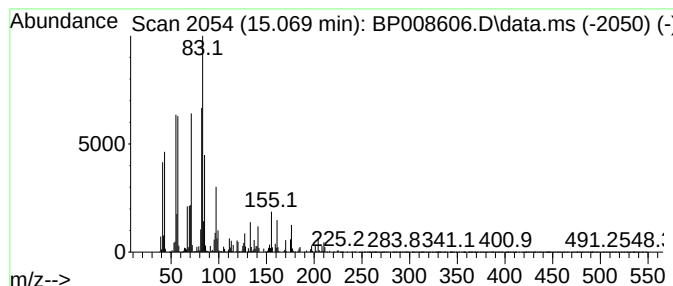
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TIC Integration Parameters: LSCINT.P

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Peak Number 13 unknown15.069 Concentration Rank 15

| R.T.   | EstConc  | Area    | Relative to ISTD | R.T.   |
|--------|----------|---------|------------------|--------|
| 15.069 | 12.60 ng | 8142100 | Acenaphthene-d10 | 14.528 |

| Hit# | of 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|------|-------------------------------------|-----|---------|-------------|------|
| 1    |      | Cyclohexane, octyl-                 | 196 | C14H28  | 001795-15-9 | 46   |
| 2    |      | Heptylcyclohexane                   | 182 | C13H26  | 005617-41-4 | 43   |
| 3    |      | Cyclohexane, 1,1'-(1,3-propanedi... | 208 | C15H28  | 003178-24-3 | 41   |
| 4    |      | n-Nonylcyclohexane                  | 210 | C15H30  | 002883-02-5 | 38   |
| 5    |      | Cyclohexane, propyl-                | 126 | C9H18   | 001678-92-8 | 38   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP123021\  
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Operator : CG/JU  
Sample : M5237-04  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

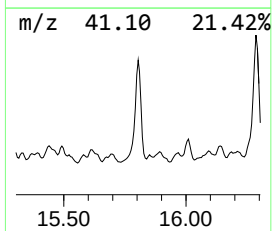
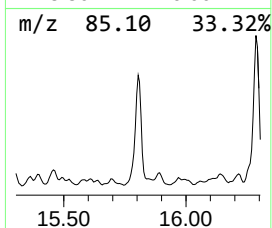
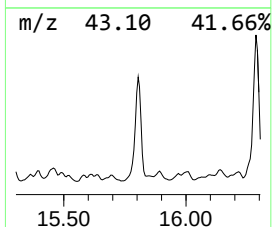
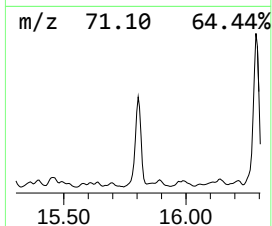
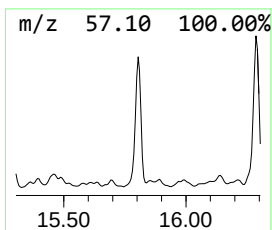
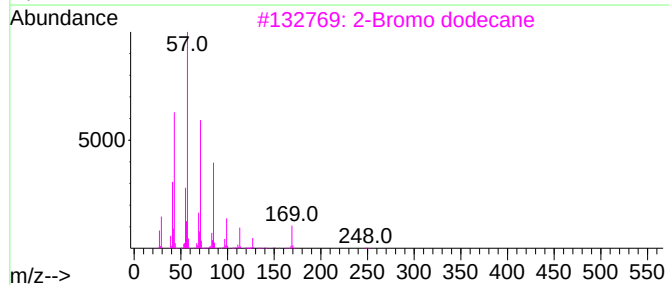
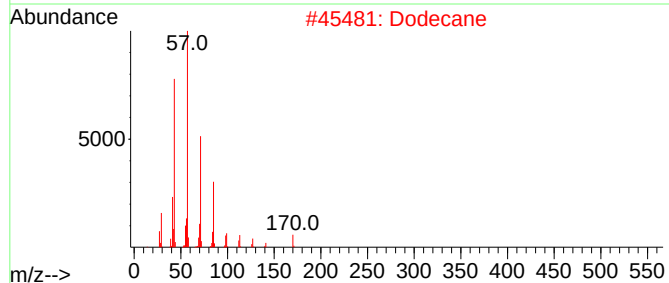
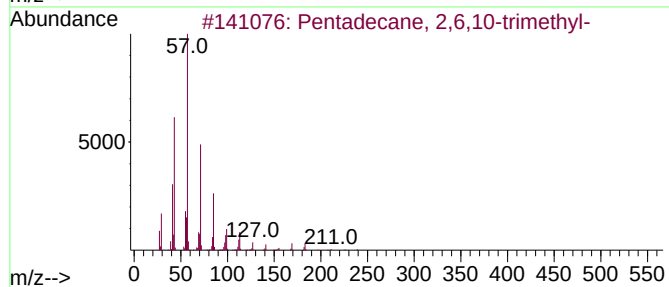
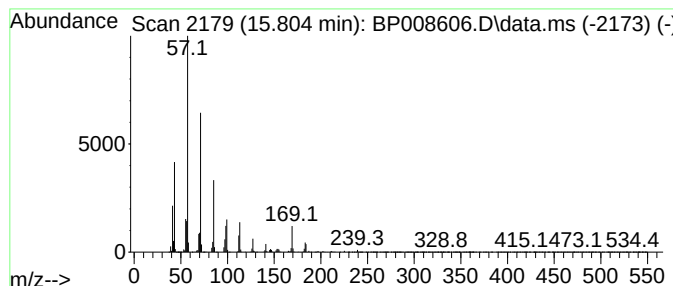
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ClientSampleId :  
TP-1D

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP122821.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 14 Pentadecane, 2,6,10-trimethyl- Concentration Rank 8

| R.T.      | EstConc                        | Area     | Relative to ISTD |          |             | R.T.   |
|-----------|--------------------------------|----------|------------------|----------|-------------|--------|
| 15.804    | 29.16 ng                       | 18840500 | Acenaphthene-d10 |          |             | 14.528 |
| Hit# of 5 | Tentative ID                   |          | MW               | MolForm  | CAS#        | Qual   |
| 1         | Pentadecane, 2,6,10-trimethyl- |          | 254              | C18H38   | 003892-00-0 | 91     |
| 2         | Dodecane                       |          | 170              | C12H26   | 000112-40-3 | 87     |
| 3         | 2-Bromo dodecane               |          | 248              | C12H25Br | 013187-99-0 | 83     |
| 4         | Tridecane, 5-propyl-           |          | 226              | C16H34   | 055045-11-9 | 81     |
| 5         | Hexadecane, 2-methyl-          |          | 240              | C17H36   | 001560-92-5 | 76     |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP123021\  
Data File : BP008606.D  
Acq On : 30 Dec 2021 12:50  
Operator : CG/JU  
Sample : M5237-04  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
TP-1D

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP122821.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

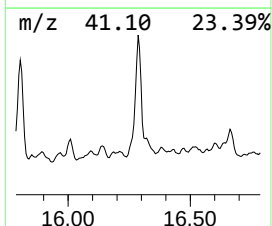
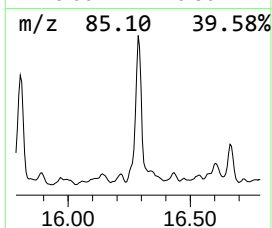
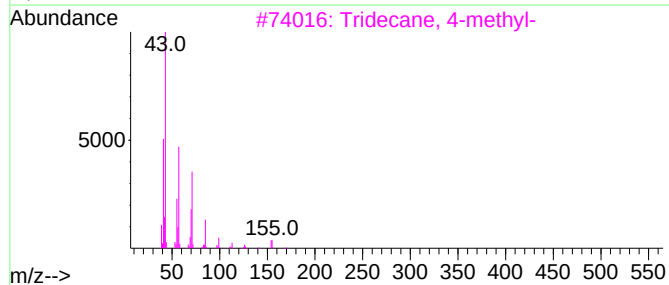
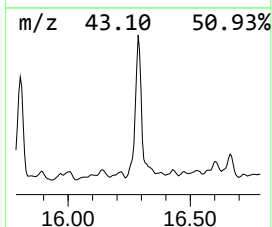
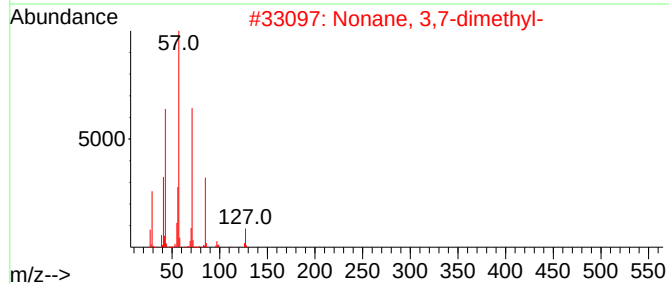
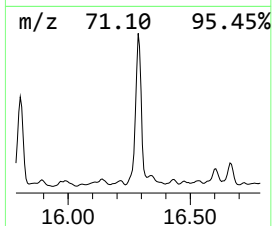
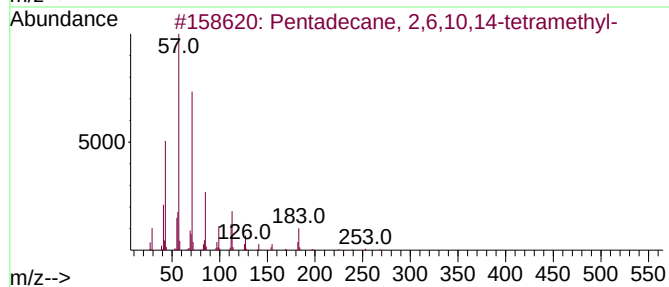
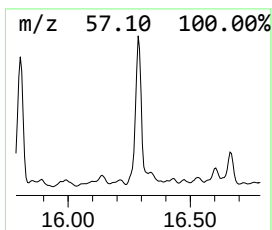
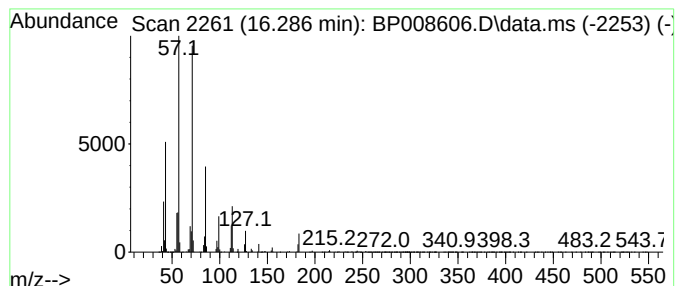
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 15 Pentadecane, 2,6,10,14-tetr... Concentration Rank 1

| R.T.   | EstConc   | Area     | Relative to ISTD | R.T.   |
|--------|-----------|----------|------------------|--------|
| 16.286 | 186.66 ng | 25593200 | Phenanthrene-d10 | 17.275 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | Pentadecane, 2,6,10,14-tetramethyl- | 268 | C19H40    | 001921-70-6  | 86   |
| 2    |    |   | Nonane, 3,7-dimethyl-               | 156 | C11H24    | 017302-32-8  | 76   |
| 3    |    |   | Tridecane, 4-methyl-                | 198 | C14H30    | 026730-12-1  | 64   |
| 4    |    |   | Heptadecane, 2,6-dimethyl-          | 268 | C19H40    | 054105-67-8  | 64   |
| 5    |    |   | Sulfurous acid, 2-ethylhexyl tri... | 376 | C21H44O3S | 1000309-19-6 | 64   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP123021\  
Data File : BP008606.D  
Acq On : 30 Dec 2021 12:50  
Operator : CG/JU  
Sample : M5237-04  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
TP-1D

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP122821.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

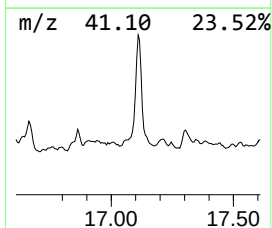
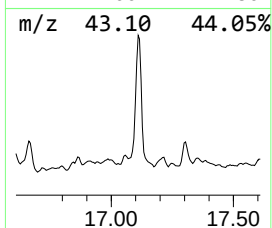
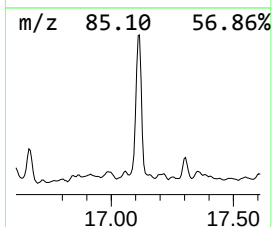
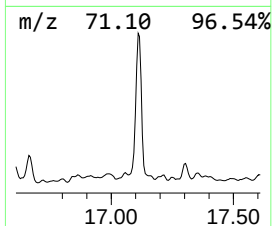
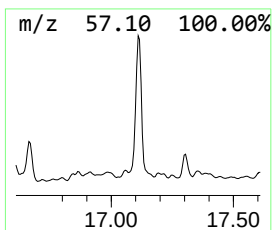
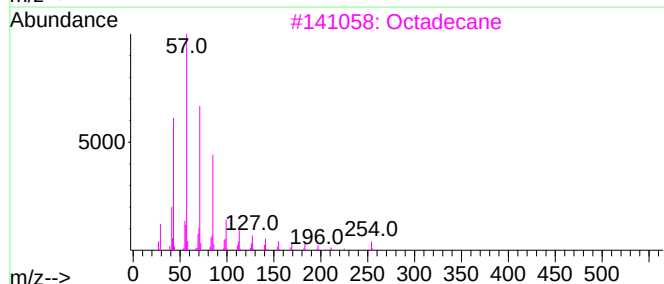
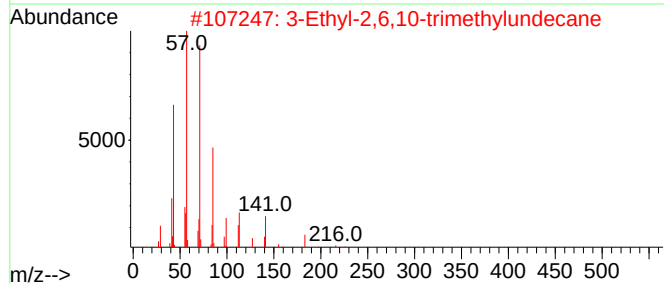
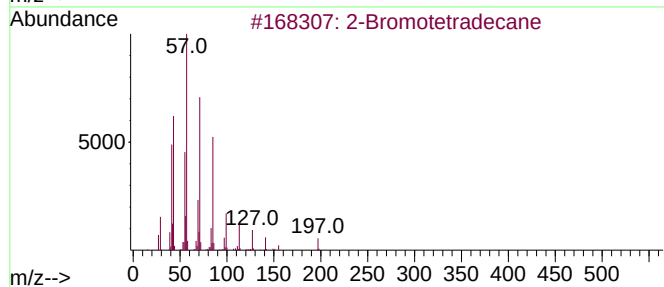
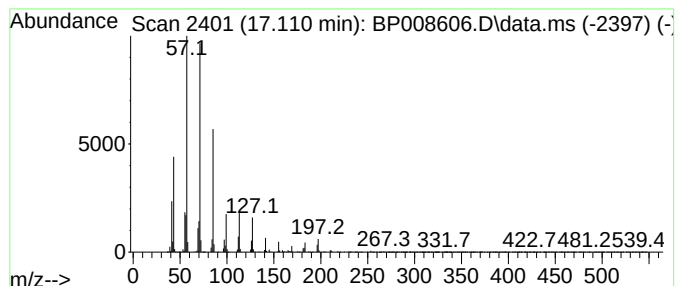
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 16 2-Bromotetradecane Concentration Rank 2

| R.T.   | EstConc   | Area     | Relative to ISTD | R.T.   |
|--------|-----------|----------|------------------|--------|
| 17.110 | 162.37 ng | 22262300 | Phenanthrene-d10 | 17.275 |

| Hit# | of 5 | Tentative ID                     | MW  | MolForm  | CAS#         | Qual |
|------|------|----------------------------------|-----|----------|--------------|------|
| 1    |      | 2-Bromotetradecane               | 276 | C14H29Br | 074036-95-6  | 90   |
| 2    |      | 3-Ethyl-2,6,10-trimethylundecane | 226 | C16H34   | 1000432-25-9 | 86   |
| 3    |      | Octadecane                       | 254 | C18H38   | 000593-45-3  | 83   |
| 4    |      | 5,5-Dibutylnonane                | 240 | C17H36   | 006008-17-9  | 80   |
| 5    |      | Hexadecane                       | 226 | C16H34   | 000544-76-3  | 80   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP123021\  
Data File : BP008606.D  
Acq On : 30 Dec 2021 12:50  
Operator : CG/JU  
Sample : M5237-04  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
TP-1D

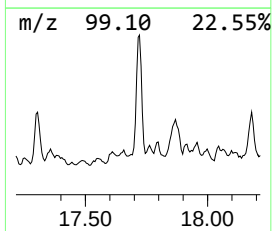
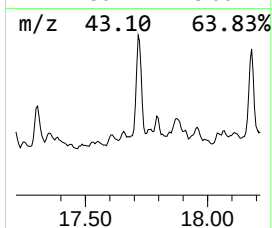
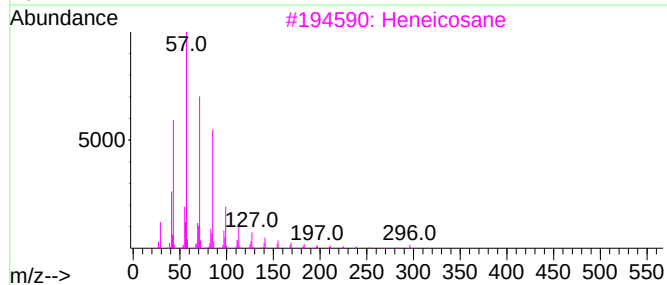
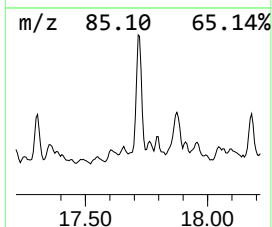
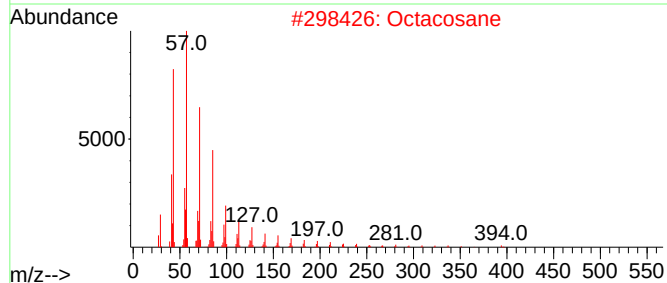
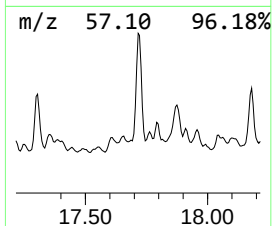
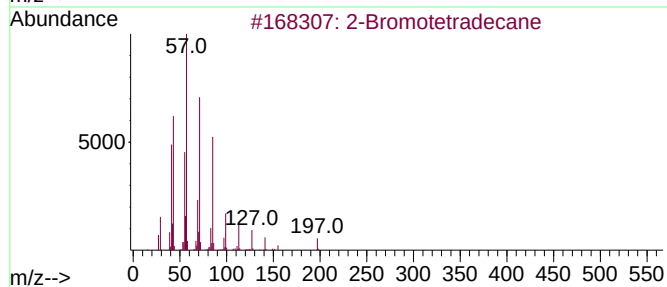
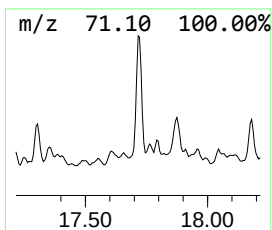
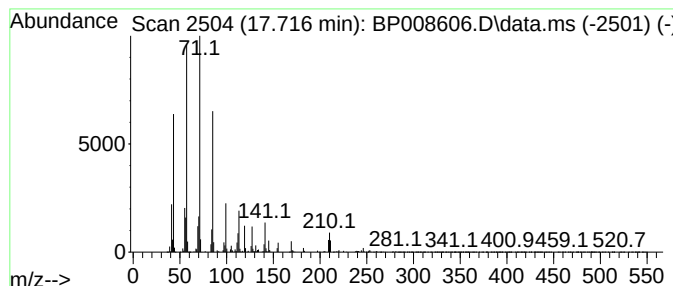
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 17 Octacosane Concentration Rank 5

| R.T.   | EstConc  | Area    | Relative to ISTD | R.T.   |
|--------|----------|---------|------------------|--------|
| 17.716 | 49.90 ng | 6841320 | Phenanthrene-d10 | 17.275 |

| Hit# | of 5 | Tentative ID            | MW  | MolForm  | CAS#        | Qual |
|------|------|-------------------------|-----|----------|-------------|------|
| 1    |      | 2-Bromotetradecane      | 276 | C14H29Br | 074036-95-6 | 86   |
| 2    |      | Octacosane              | 394 | C28H58   | 000630-02-4 | 80   |
| 3    |      | Heneicosane             | 296 | C21H44   | 000629-94-7 | 72   |
| 4    |      | Decane, 3,8-dimethyl-   | 170 | C12H26   | 017312-55-9 | 62   |
| 5    |      | 3-Ethyl-3-methylheptane | 142 | C10H22   | 017302-01-1 | 53   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP123021\  
Data File : BP008606.D  
Acq On : 30 Dec 2021 12:50  
Operator : CG/JU  
Sample : M5237-04  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

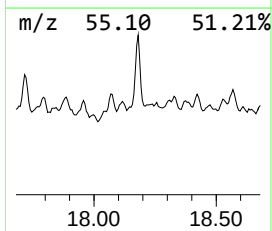
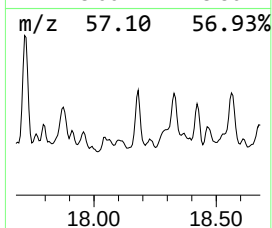
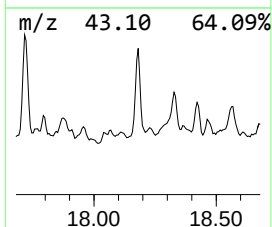
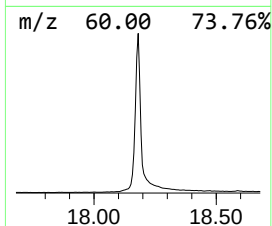
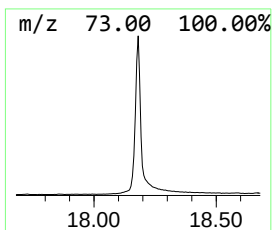
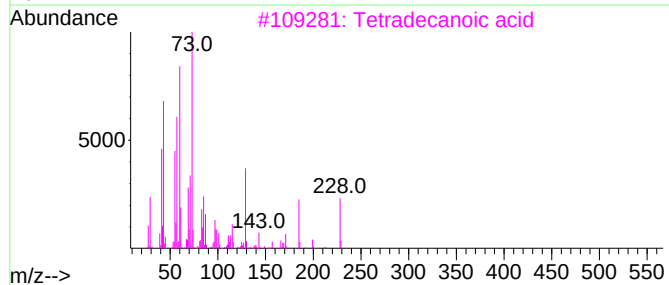
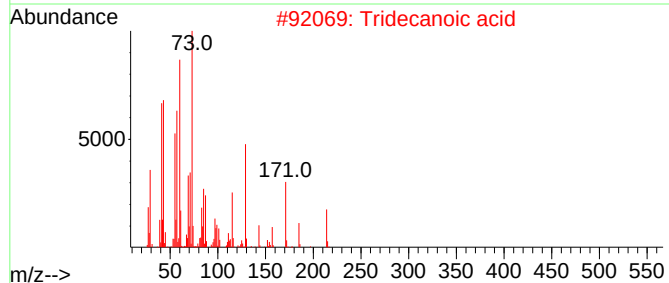
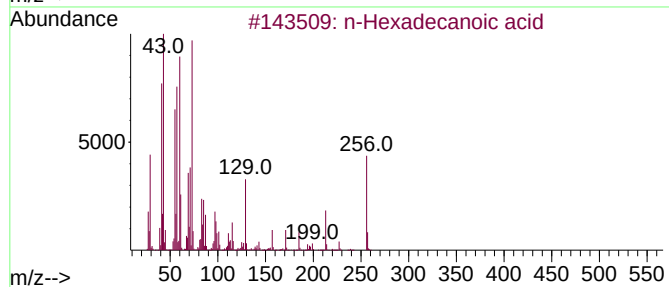
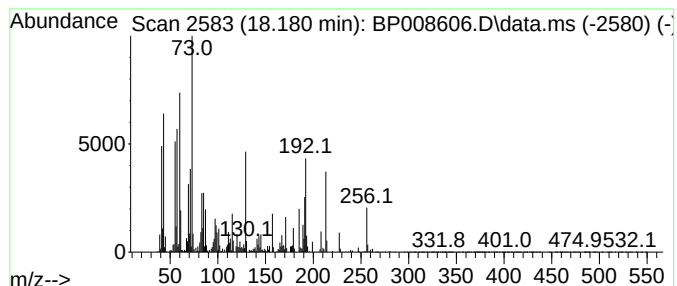
Instrument :  
BNA\_P  
ClientSampleId :  
TP-1D

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP122821.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 n-Hexadecanoic acid Concentration Rank 3

| R.T.      | EstConc             | Area     | Relative to ISTD | R.T.        |      |
|-----------|---------------------|----------|------------------|-------------|------|
| 18.180    | 90.10 ng            | 12352800 | Phenanthrene-d10 | 17.275      |      |
| Hit# of 5 | Tentative ID        | MW       | MolForm          | CAS#        | Qual |
| 1         | n-Hexadecanoic acid | 256      | C16H32O2         | 000057-10-3 | 97   |
| 2         | Tridecanoic acid    | 214      | C13H26O2         | 000638-53-9 | 90   |
| 3         | Tetradecanoic acid  | 228      | C14H28O2         | 000544-63-8 | 53   |
| 4         | Pentadecanoic acid  | 242      | C15H30O2         | 001002-84-2 | 49   |
| 5         | Dodecanoic acid     | 200      | C12H24O2         | 000143-07-7 | 35   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP123021\  
Data File : BP008606.D  
Acq On : 30 Dec 2021 12:50  
Operator : CG/JU  
Sample : M5237-04  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

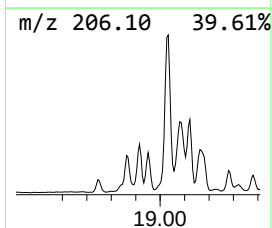
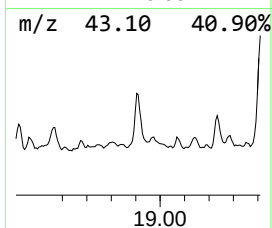
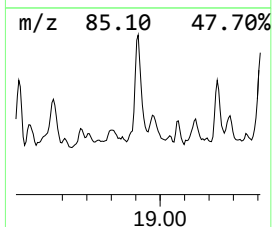
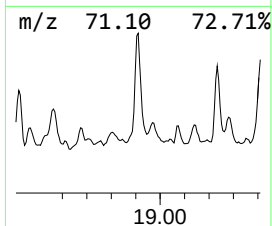
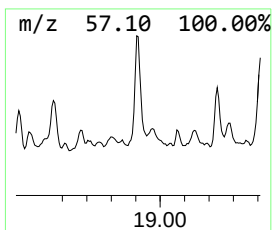
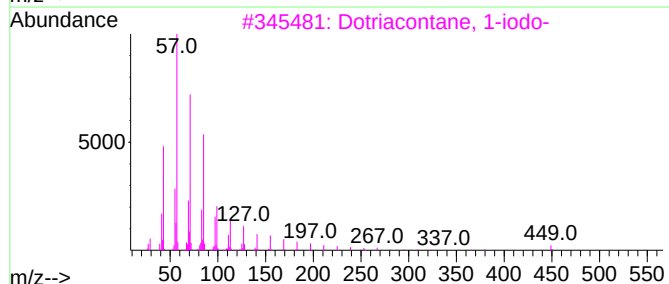
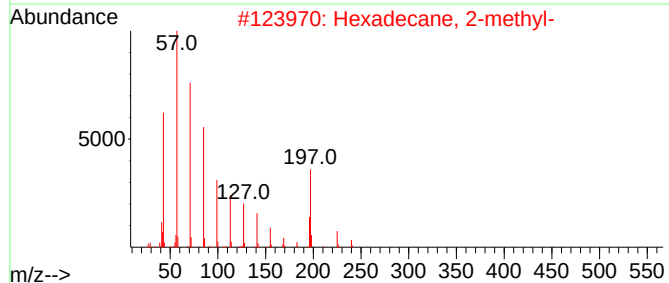
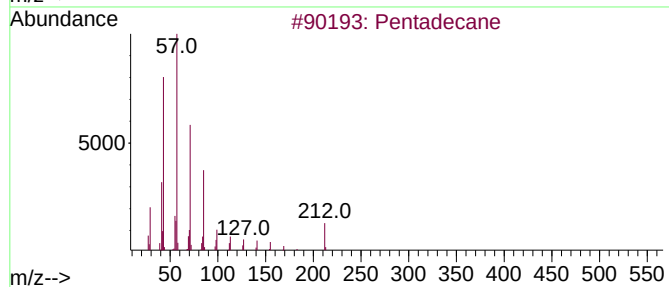
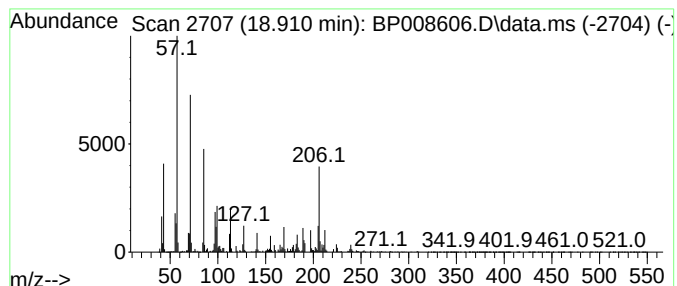
Instrument :  
BNA\_P  
ClientSampleId :  
TP-1D

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP122821.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 19 Pentadecane Concentration Rank 7

| R.T.      | EstConc                | Area    | Relative to ISTD |          | R.T.         |      |
|-----------|------------------------|---------|------------------|----------|--------------|------|
| 18.910    | 32.49 ng               | 4454160 | Phenanthrene-d10 |          | 17.275       |      |
| Hit# of 5 | Tentative ID           |         | MW               | MolForm  | CAS#         | Qual |
| 1         | Pentadecane            |         | 212              | C15H32   | 000629-62-9  | 50   |
| 2         | Hexadecane, 2-methyl-  |         | 240              | C17H36   | 001560-92-5  | 49   |
| 3         | Dotriacontane, 1-iodo- |         | 576              | C32H65I  | 1000406-32-4 | 46   |
| 4         | 2-Bromo dodecane       |         | 248              | C12H25Br | 013187-99-0  | 46   |
| 5         | Dodecane, 1-iodo-      |         | 296              | C12H25I  | 004292-19-7  | 46   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP123021\  
Data File : BP008606.D  
Acq On : 30 Dec 2021 12:50  
Operator : CG/JU  
Sample : M5237-04  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
TP-1D

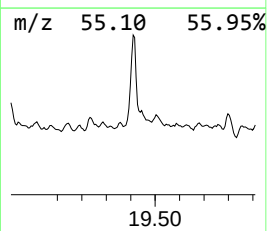
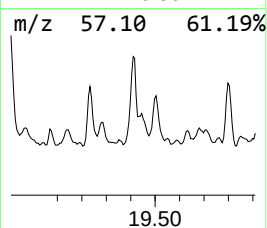
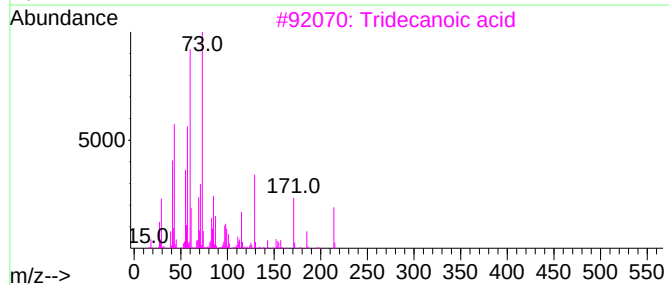
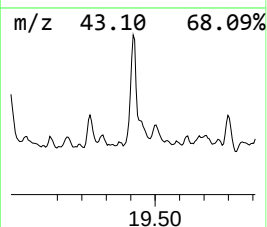
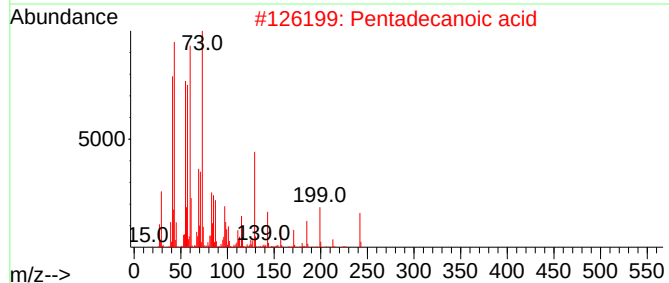
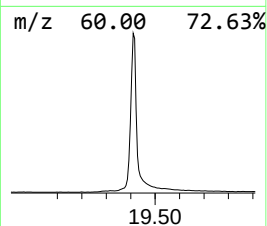
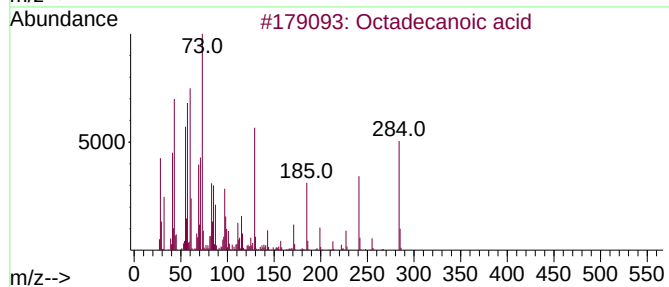
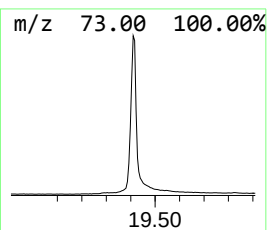
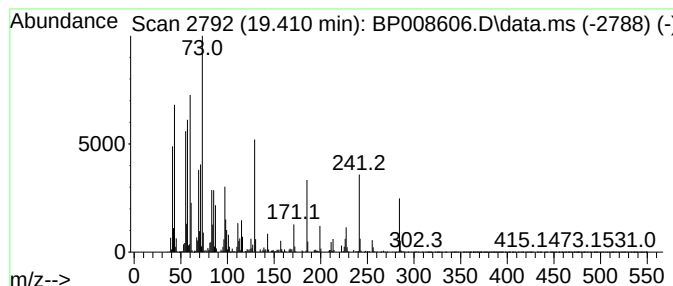
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 20 Octadecanoic acid Concentration Rank 4

| R.T.   | EstConc  | Area     | Relative to ISTD | R.T.   |
|--------|----------|----------|------------------|--------|
| 19.410 | 59.17 ng | 17304700 | Chrysene-d12     | 21.357 |

| 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 | 90   |
| 3    |    |   | Tridecanoic acid   | 214 | C13H26O2 | 000638-53-9 | 64   |
| 4    |    |   | n-Decanoic acid    | 172 | C10H20O2 | 000334-48-5 | 60   |
| 5    |    |   | Tetradecanoic acid | 228 | C14H28O2 | 000544-63-8 | 58   |





Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP123021\  
 Data File : BP008606.D  
 Acq On : 30 Dec 2021 12:50  
 Operator : CG/JU  
 Sample : M5237-04  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 TP-1D

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP122821.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 |
| 2-Pentanone, 4-... | 5.005  | 12.3    | ng    | 3343670  | 1                     | 7.893  | 5443360  | 20.0 |
| Cyclohexane, bu... | 8.193  | 8.8     | ng    | 2404540  | 1                     | 7.893  | 5443360  | 20.0 |
| unknown9.269       | 9.269  | 13.0    | ng    | 3550030  | 1                     | 7.893  | 5443360  | 20.0 |
| Decane, 3,8-dim... | 9.393  | 9.8     | ng    | 3076120  | 2                     | 10.698 | 6285560  | 20.0 |
| Undecane, 3,6-d... | 10.881 | 20.2    | ng    | 6338710  | 2                     | 10.698 | 6285560  | 20.0 |
| Cyclohexane, (4... | 11.416 | 20.1    | ng    | 6307150  | 2                     | 10.698 | 6285560  | 20.0 |
| Octane, 2,6-dim... | 11.746 | 32.8    | ng    | 10307300 | 2                     | 10.698 | 6285560  | 20.0 |
| Tridecane, 6-me... | 12.357 | 12.7    | ng    | 3981410  | 2                     | 10.698 | 6285560  | 20.0 |
| Hexadecane, 2,6... | 13.092 | 17.3    | ng    | 11175800 | 3                     | 14.528 | 12922400 | 20.0 |
| Cyclododecane      | 13.351 | 9.5     | ng    | 6111890  | 3                     | 14.528 | 12922400 | 20.0 |
| Dodecane, 4-met... | 14.034 | 17.9    | ng    | 11566300 | 3                     | 14.528 | 12922400 | 20.0 |
| Decahydro-1,1,4... | 14.375 | 9.1     | ng    | 5850140  | 3                     | 14.528 | 12922400 | 20.0 |
| unknown15.069      | 15.069 | 12.6    | ng    | 8142100  | 3                     | 14.528 | 12922400 | 20.0 |
| Pentadecane, 2,... | 15.804 | 29.2    | ng    | 18840500 | 3                     | 14.528 | 12922400 | 20.0 |
| Pentadecane, 2,... | 16.286 | 186.7   | ng    | 25593200 | 4                     | 17.275 | 2742150  | 20.0 |
| 2-Bromotetradecane | 17.110 | 162.4   | ng    | 22262300 | 4                     | 17.275 | 2742150  | 20.0 |
| Octacosane         | 17.716 | 49.9    | ng    | 6841320  | 4                     | 17.275 | 2742150  | 20.0 |
| n-Hexadecanoic ... | 18.180 | 90.1    | ng    | 12352800 | 4                     | 17.275 | 2742150  | 20.0 |
| Pentadecane        | 18.910 | 32.5    | ng    | 4454160  | 4                     | 17.275 | 2742150  | 20.0 |
| Octadecanoic acid  | 19.410 | 59.2    | ng    | 17304700 | 5                     | 21.357 | 5849060  | 20.0 |