

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF050521\  
 Data File : BF123840.D  
 Acq On : 5 May 2021 21:50  
 Operator : JU/CG  
 Sample : M2279-01  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 EME-12

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\_F\METHODS\8270-BF042721.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF123840.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         | 4.987       | 490           | 493         | 500          | rVB      | 91106          | 101044        | 2.61%           | 0.157%        |
| 2         | 5.410       | 561           | 565         | 576          | rVB      | 4203158        | 3651676       | 94.47%          | 5.656%        |
| 3         | 6.434       | 735           | 739         | 750          | rBV      | 4370916        | 3865557       | 100.00%         | 5.988%        |
| 4         | 6.792       | 796           | 800         | 803          | rBV      | 1998115        | 1515764       | 39.21%          | 2.348%        |
| 5         | 7.204       | 868           | 870         | 880          | rVB2     | 70908          | 85296         | 2.21%           | 0.132%        |
| 6         | 7.357       | 885           | 896         | 899          | rBV      | 3038060        | 2581224       | 66.77%          | 3.998%        |
| 7         | 7.392       | 900           | 902         | 906          | rVB      | 87719          | 78408         | 2.03%           | 0.121%        |
| 8         | 7.833       | 973           | 977         | 980          | rVV3     | 74768          | 87831         | 2.27%           | 0.136%        |
| 9         | 8.081       | 1013          | 1019        | 1021         | rBV      | 2244251        | 2125302       | 54.98%          | 3.292%        |
| 10        | 8.145       | 1026          | 1030        | 1032         | rVB      | 312930         | 257653        | 6.67%           | 0.399%        |
| 11        | 8.375       | 1062          | 1069        | 1071         | rBV3     | 147415         | 248297        | 6.42%           | 0.385%        |
| 12        | 8.428       | 1075          | 1078        | 1081         | rBV2     | 135935         | 120363        | 3.11%           | 0.186%        |
| 13        | 8.463       | 1081          | 1084        | 1087         | rVB      | 161474         | 167172        | 4.32%           | 0.259%        |
| 14        | 8.504       | 1087          | 1091        | 1093         | rBV      | 539322         | 444508        | 11.50%          | 0.689%        |
| 15        | 8.586       | 1100          | 1105        | 1107         | rBV4     | 62462          | 86439         | 2.24%           | 0.134%        |
| 16        | 8.628       | 1108          | 1112        | 1115         | rBV6     | 61121          | 91943         | 2.38%           | 0.142%        |
| 17        | 8.675       | 1117          | 1120        | 1123         | rBV      | 356279         | 268795        | 6.95%           | 0.416%        |
| 18        | 8.775       | 1133          | 1137        | 1139         | rVB      | 137570         | 138984        | 3.60%           | 0.215%        |
| 19        | 8.886       | 1154          | 1156        | 1162         | rVB3     | 109930         | 117753        | 3.05%           | 0.182%        |
| 20        | 8.957       | 1166          | 1168        | 1170         | rBV2     | 207188         | 198843        | 5.14%           | 0.308%        |
| 21        | 9.039       | 1179          | 1182        | 1185         | rBV      | 244525         | 190868        | 4.94%           | 0.296%        |
| 22        | 9.080       | 1186          | 1189        | 1191         | rBV      | 194480         | 158735        | 4.11%           | 0.246%        |
| 23        | 9.104       | 1191          | 1193        | 1197         | rVB      | 575563         | 440425        | 11.39%          | 0.682%        |
| 24        | 9.157       | 1198          | 1202        | 1205         | rVB      | 4892663        | 3836189       | 99.24%          | 5.942%        |
| 25        | 9.198       | 1205          | 1209        | 1212         | rBV4     | 74187          | 77958         | 2.02%           | 0.121%        |
| 26        | 9.239       | 1212          | 1216        | 1221         | rBV      | 540887         | 642838        | 16.63%          | 0.996%        |
| 27        | 9.357       | 1233          | 1236        | 1239         | rVB3     | 79331          | 83489         | 2.16%           | 0.129%        |
| 28        | 9.427       | 1246          | 1248        | 1251         | rVB4     | 92542          | 76919         | 1.99%           | 0.119%        |
| 29        | 9.492       | 1256          | 1259        | 1262         | rBV2     | 183327         | 178218        | 4.61%           | 0.276%        |
| 30        | 9.516       | 1262          | 1263        | 1266         | rVB3     | 147678         | 111139        | 2.88%           | 0.172%        |
| 31        | 9.563       | 1266          | 1271        | 1273         | rBV2     | 609643         | 752585        | 19.47%          | 1.166%        |
| 32        | 9.622       | 1278          | 1281        | 1283         | rVB2     | 121965         | 121055        | 3.13%           | 0.188%        |
| 33        | 9.692       | 1291          | 1293        | 1298         | rBV2     | 88716          | 128997        | 3.34%           | 0.200%        |
| 34        | 9.745       | 1298          | 1302        | 1304         | rVV5     | 102473         | 130002        | 3.36%           | 0.201%        |
| 35        | 9.769       | 1304          | 1306        | 1311         | rVV      | 348943         | 290832        | 7.52%           | 0.450%        |
| 36        | 9.810       | 1311          | 1313        | 1314         | rVV2     | 101098         | 91390         | 2.36%           | 0.142%        |

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 ClientSampleId :  
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Integration Parameters: rteint.p

Integrator: RTE

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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\_F\METHODS\8270-BF042721.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 37 | 9.833  | 1314 | 1317 | 1320 | rVV  | 2360416 | 1904329 | 49.26% | 2.950% |
| 38 | 9.869  | 1320 | 1323 | 1326 | rVB2 | 93385   | 105882  | 2.74%  | 0.164% |
| 39 | 9.998  | 1342 | 1345 | 1348 | rVV3 | 77501   | 103763  | 2.68%  | 0.161% |
| 40 | 10.033 | 1348 | 1351 | 1354 | rVV2 | 126848  | 155083  | 4.01%  | 0.240% |
| 41 | 10.092 | 1357 | 1361 | 1365 | rVB3 | 136691  | 168328  | 4.35%  | 0.261% |
| 42 | 10.210 | 1378 | 1381 | 1384 | rBV3 | 67835   | 80860   | 2.09%  | 0.125% |
| 43 | 10.269 | 1388 | 1391 | 1393 | rVB  | 185073  | 148363  | 3.84%  | 0.230% |
| 44 | 10.380 | 1407 | 1410 | 1412 | rBV2 | 120207  | 121097  | 3.13%  | 0.188% |
| 45 | 10.492 | 1425 | 1429 | 1435 | rVV  | 180678  | 197998  | 5.12%  | 0.307% |
| 46 | 10.545 | 1435 | 1438 | 1441 | rVB2 | 100671  | 105972  | 2.74%  | 0.164% |
| 47 | 10.622 | 1447 | 1451 | 1455 | rBV  | 2500521 | 2029755 | 52.51% | 3.144% |
| 48 | 10.745 | 1468 | 1472 | 1479 | rVB  | 414256  | 500879  | 12.96% | 0.776% |
| 49 | 10.898 | 1496 | 1498 | 1500 | rBV2 | 198067  | 148219  | 3.83%  | 0.230% |
| 50 | 10.933 | 1500 | 1504 | 1506 | rVV4 | 58128   | 91470   | 2.37%  | 0.142% |
| 51 | 11.021 | 1516 | 1519 | 1524 | rVB3 | 130486  | 136074  | 3.52%  | 0.211% |
| 52 | 11.098 | 1527 | 1532 | 1535 | rBV2 | 91201   | 96046   | 2.48%  | 0.149% |
| 53 | 11.192 | 1546 | 1548 | 1550 | rBV  | 118120  | 95371   | 2.47%  | 0.148% |
| 54 | 11.216 | 1550 | 1552 | 1557 | rVB3 | 136175  | 176898  | 4.58%  | 0.274% |
| 55 | 11.298 | 1561 | 1566 | 1567 | rBV3 | 87850   | 82514   | 2.13%  | 0.128% |
| 56 | 11.321 | 1567 | 1570 | 1572 | rVV  | 1962249 | 1554229 | 40.21% | 2.407% |
| 57 | 11.345 | 1572 | 1574 | 1577 | rVV  | 646444  | 467178  | 12.09% | 0.724% |
| 58 | 11.398 | 1577 | 1583 | 1585 | rVV2 | 199065  | 239420  | 6.19%  | 0.371% |
| 59 | 11.821 | 1652 | 1655 | 1658 | rBV  | 137876  | 138701  | 3.59%  | 0.215% |
| 60 | 11.863 | 1658 | 1662 | 1667 | rVV2 | 913487  | 981198  | 25.38% | 1.520% |
| 61 | 11.933 | 1671 | 1674 | 1677 | rBV  | 218705  | 229111  | 5.93%  | 0.355% |
| 62 | 11.992 | 1682 | 1684 | 1688 | rVV  | 107208  | 118752  | 3.07%  | 0.184% |
| 63 | 12.027 | 1688 | 1690 | 1693 | rVB  | 104830  | 90695   | 2.35%  | 0.140% |
| 64 | 12.304 | 1734 | 1737 | 1739 | rBV2 | 85666   | 90974   | 2.35%  | 0.141% |
| 65 | 12.374 | 1746 | 1749 | 1751 | rBV  | 112596  | 121076  | 3.13%  | 0.188% |
| 66 | 12.404 | 1751 | 1754 | 1761 | rVB4 | 329604  | 649286  | 16.80% | 1.006% |
| 67 | 12.463 | 1761 | 1764 | 1771 | rBV7 | 69475   | 108030  | 2.79%  | 0.167% |
| 68 | 12.533 | 1773 | 1776 | 1779 | rBV  | 695714  | 631638  | 16.34% | 0.978% |
| 69 | 12.580 | 1779 | 1784 | 1790 | rVB5 | 132036  | 219407  | 5.68%  | 0.340% |
| 70 | 12.651 | 1792 | 1796 | 1799 | rBV3 | 313776  | 357811  | 9.26%  | 0.554% |
| 71 | 12.763 | 1808 | 1815 | 1818 | rBV  | 772693  | 907601  | 23.48% | 1.406% |
| 72 | 12.792 | 1818 | 1820 | 1822 | rVB  | 388197  | 284132  | 7.35%  | 0.440% |
| 73 | 12.910 | 1836 | 1840 | 1846 | rVB  | 3030426 | 2711253 | 70.14% | 4.200% |
| 74 | 12.963 | 1846 | 1849 | 1851 | rBV  | 153186  | 146182  | 3.78%  | 0.226% |
| 75 | 13.092 | 1869 | 1871 | 1874 | rVB  | 165351  | 151213  | 3.91%  | 0.234% |
| 76 | 13.145 | 1877 | 1880 | 1885 | rVB2 | 918622  | 911443  | 23.58% | 1.412% |

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 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 EME-12

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\_F\METHODS\8270-BF042721.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|     |        |      |      |      |      |         |         |        |        |
|-----|--------|------|------|------|------|---------|---------|--------|--------|
| 77  | 13.198 | 1886 | 1889 | 1892 | rBV  | 130488  | 126547  | 3.27%  | 0.196% |
| 78  | 13.327 | 1908 | 1911 | 1914 | rBV2 | 126318  | 130910  | 3.39%  | 0.203% |
| 79  | 13.492 | 1934 | 1939 | 1943 | rBV  | 1517815 | 1370864 | 35.46% | 2.123% |
| 80  | 13.604 | 1956 | 1958 | 1963 | rVB3 | 75863   | 84039   | 2.17%  | 0.130% |
| 81  | 13.704 | 1972 | 1975 | 1976 | rBV2 | 83265   | 88843   | 2.30%  | 0.138% |
| 82  | 13.821 | 1991 | 1995 | 2004 | rBV  | 2466731 | 2332836 | 60.35% | 3.613% |
| 83  | 13.968 | 2015 | 2020 | 2022 | rBV2 | 1473218 | 1617793 | 41.85% | 2.506% |
| 84  | 13.992 | 2022 | 2024 | 2027 | rVB  | 318937  | 249980  | 6.47%  | 0.387% |
| 85  | 14.139 | 2044 | 2049 | 2054 | rBV  | 2215991 | 1989679 | 51.47% | 3.082% |
| 86  | 14.445 | 2097 | 2101 | 2105 | rBV  | 2396677 | 2194291 | 56.77% | 3.399% |
| 87  | 14.598 | 2125 | 2127 | 2131 | rVB  | 171372  | 168123  | 4.35%  | 0.260% |
| 88  | 14.751 | 2148 | 2153 | 2156 | rBV  | 1835587 | 1931094 | 49.96% | 2.991% |
| 89  | 14.821 | 2162 | 2165 | 2170 | rVB  | 524631  | 513478  | 13.28% | 0.795% |
| 90  | 15.004 | 2192 | 2196 | 2205 | rVB2 | 246185  | 516280  | 13.36% | 0.800% |
| 91  | 15.080 | 2205 | 2209 | 2214 | rBV  | 1726384 | 2061845 | 53.34% | 3.194% |
| 92  | 15.362 | 2254 | 2257 | 2263 | rVB  | 216462  | 268597  | 6.95%  | 0.416% |
| 93  | 15.427 | 2263 | 2268 | 2270 | rBV  | 694740  | 932775  | 24.13% | 1.445% |
| 94  | 15.457 | 2270 | 2273 | 2280 | rVB  | 1184665 | 1567214 | 40.54% | 2.428% |
| 95  | 15.886 | 2342 | 2346 | 2351 | rBV  | 852795  | 1271940 | 32.90% | 1.970% |
| 96  | 16.127 | 2382 | 2387 | 2402 | rVB  | 280067  | 887925  | 22.97% | 1.375% |
| 97  | 16.315 | 2414 | 2419 | 2425 | rBV3 | 352894  | 628873  | 16.27% | 0.974% |
| 98  | 16.386 | 2426 | 2431 | 2438 | rVB2 | 557648  | 971601  | 25.13% | 1.505% |
| 99  | 16.968 | 2526 | 2530 | 2536 | rVB  | 283324  | 497964  | 12.88% | 0.771% |
| 100 | 17.474 | 2608 | 2616 | 2626 | rBV6 | 327860  | 1054093 | 27.27% | 1.633% |

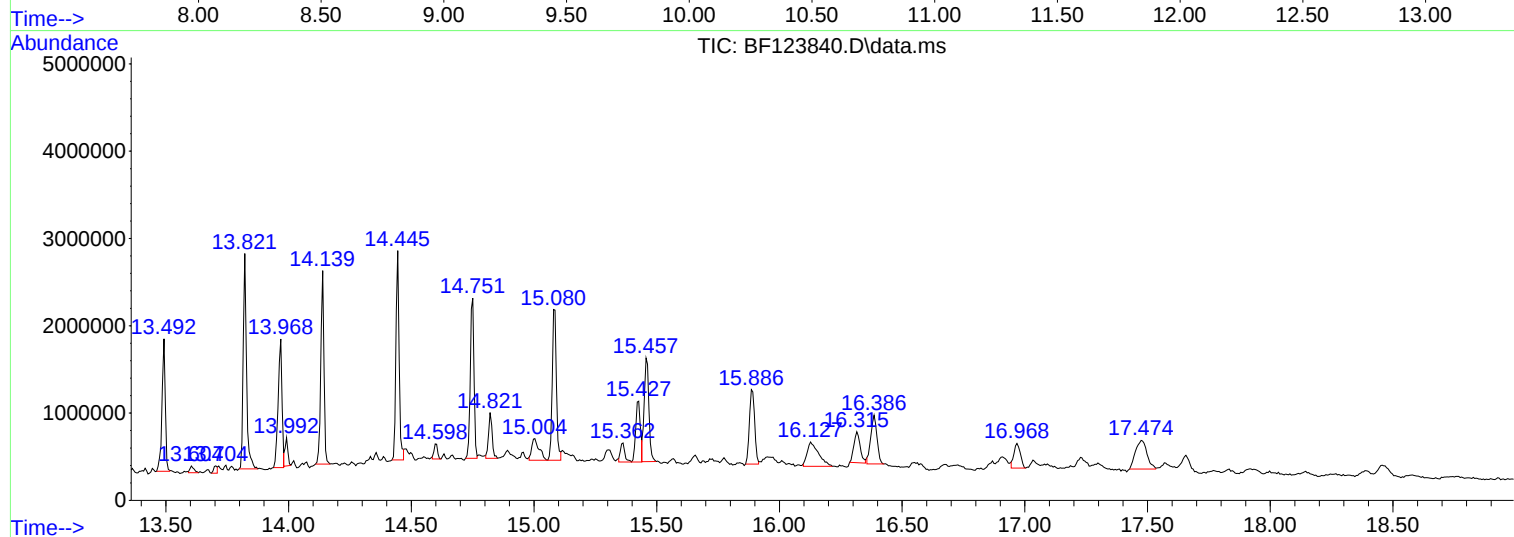
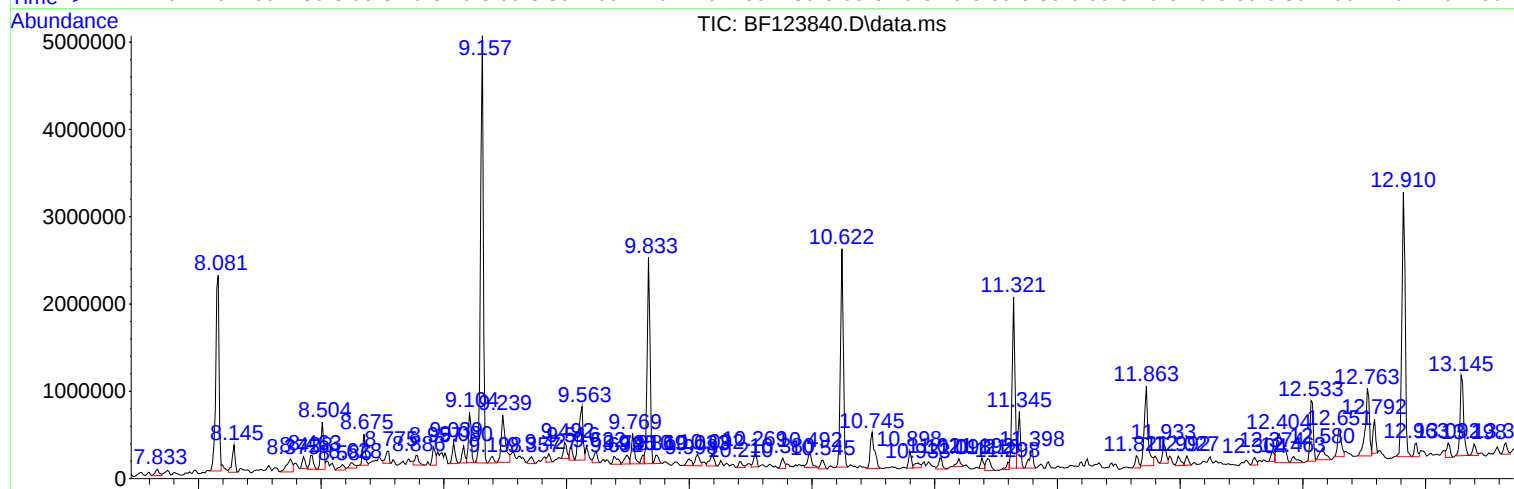
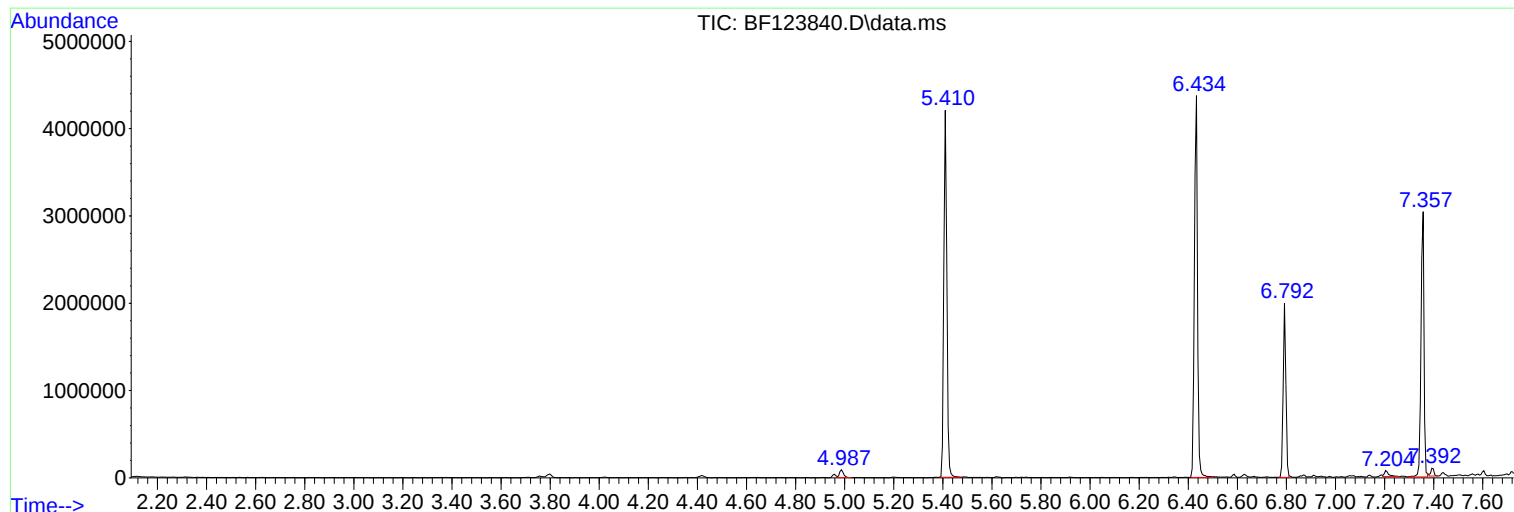
Sum of corrected areas: 64560306

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Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampled :  
EME-12

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF042721.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF050521\  
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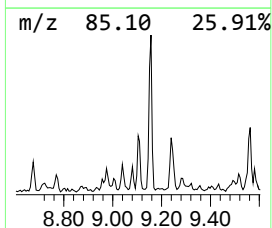
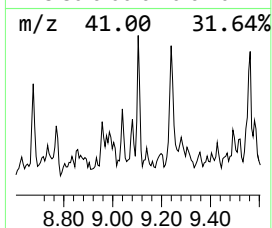
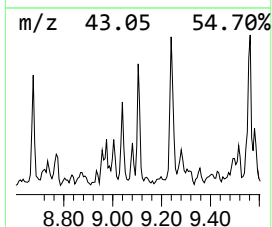
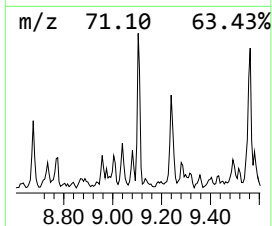
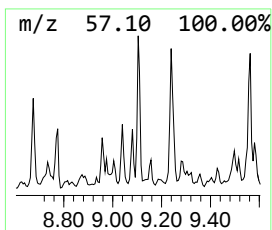
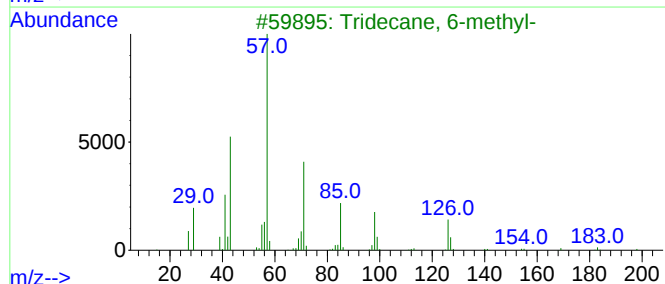
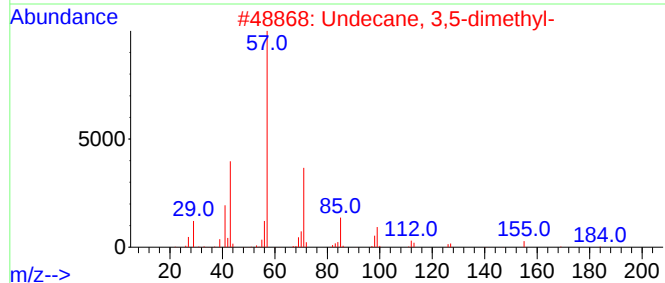
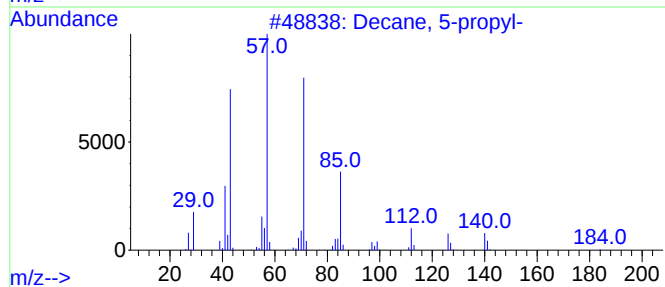
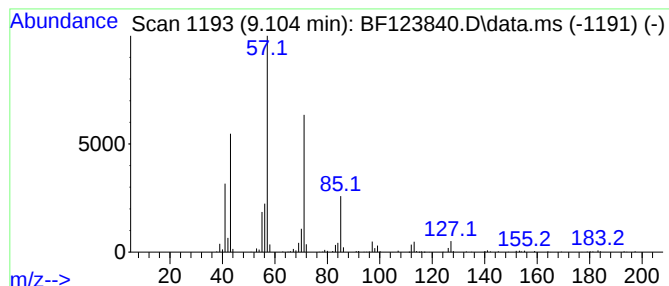
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF042721.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 1 Decane, 5-propyl- Concentration Rank 20

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 9.104 | 4.63 ng | 440425 | Acenaphthene-d10 | 9.833 |

| Hit# | of 5 | Tentative ID            | MW  | MolForm | CAS#        | Qual |
|------|------|-------------------------|-----|---------|-------------|------|
| 1    |      | Decane, 5-propyl-       | 184 | C13H28  | 017312-62-8 | 81   |
| 2    |      | Undecane, 3,5-dimethyl- | 184 | C13H28  | 017312-81-1 | 72   |
| 3    |      | Tridecane, 6-methyl-    | 198 | C14H30  | 013287-21-3 | 64   |
| 4    |      | Dodecane, 4-methyl-     | 184 | C13H28  | 006117-97-1 | 62   |
| 5    |      | Octane, 2,6-dimethyl-   | 142 | C10H22  | 002051-30-1 | 59   |



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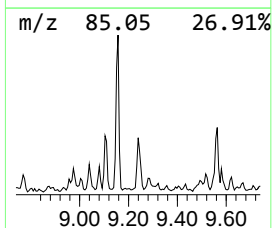
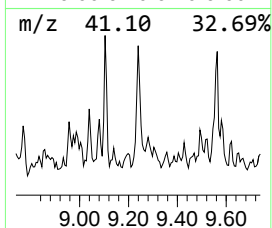
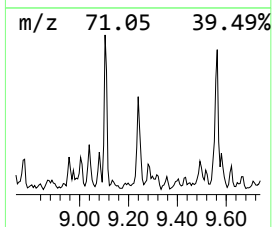
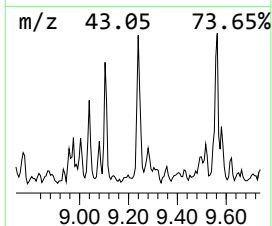
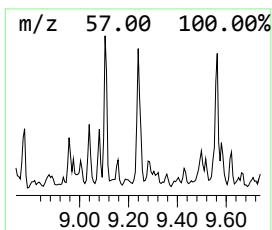
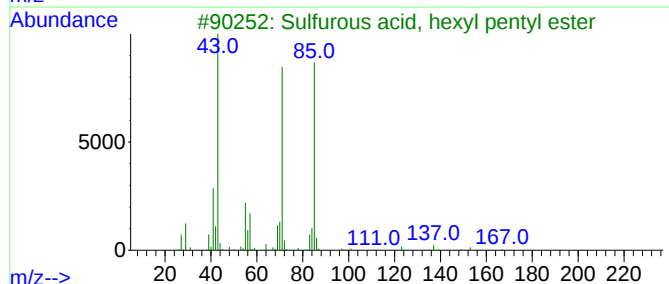
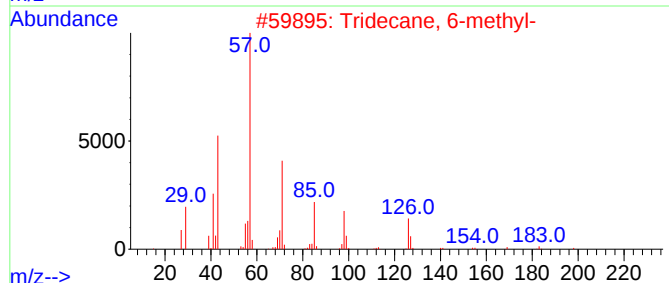
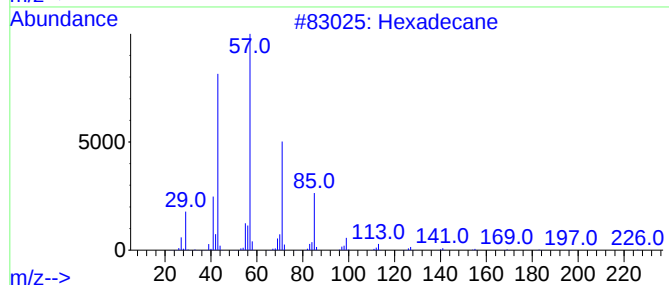
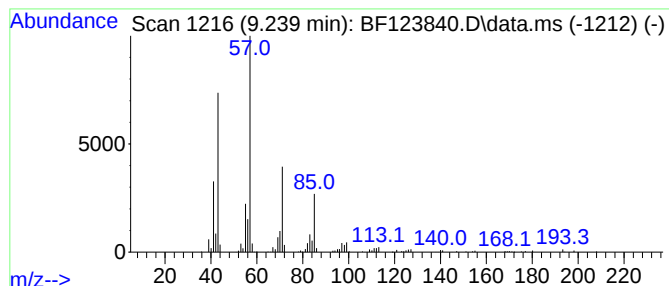
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF042721.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 2 Hexadecane Concentration Rank 18

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 9.239 | 6.75 ng | 642838 | Acenaphthene-d10 | 9.833 |

| Hit# | of | 5 | Tentative ID                       | MW  | MolForm   | CAS#         | Qual |
|------|----|---|------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | Hexadecane                         | 226 | C16H34    | 000544-76-3  | 91   |
| 2    |    |   | Tridecane, 6-methyl-               | 198 | C14H30    | 013287-21-3  | 76   |
| 3    |    |   | Sulfurous acid, hexyl pentyl ester | 236 | C11H24O3S | 1000309-14-1 | 64   |
| 4    |    |   | Undecane, 2,3-dimethyl-            | 184 | C13H28    | 017312-77-5  | 64   |
| 5    |    |   | 1-Undecene, 4-methyl-              | 168 | C12H24    | 074630-39-0  | 64   |



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Data File : BF123840.D  
Acq On : 5 May 2021 21:50  
Operator : JU/CG  
Sample : M2279-01  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EME-12

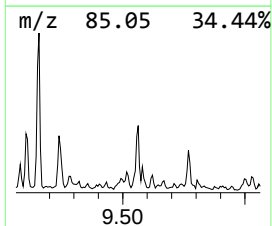
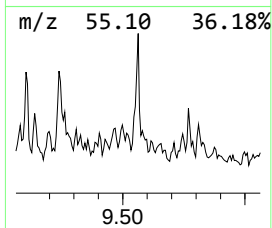
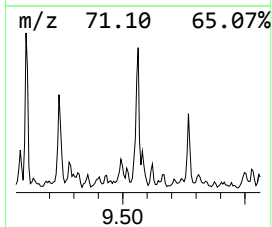
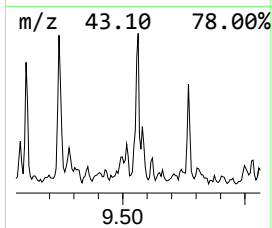
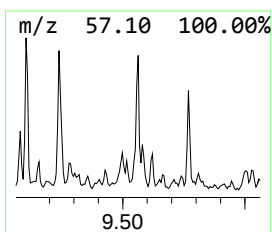
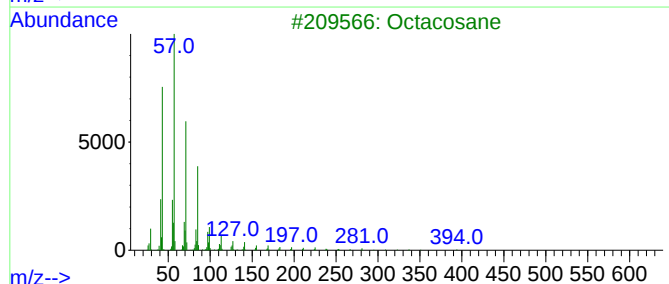
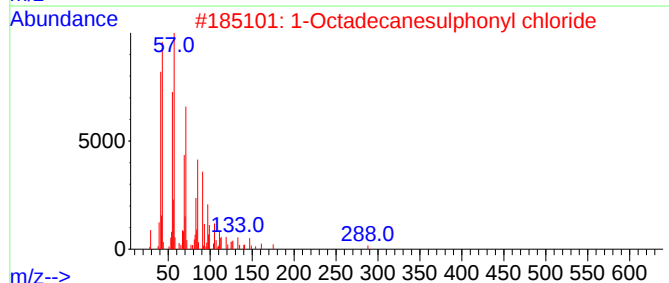
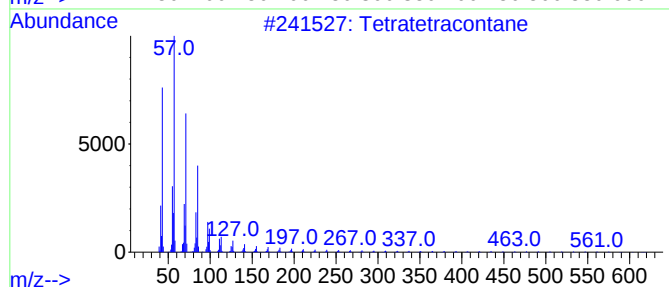
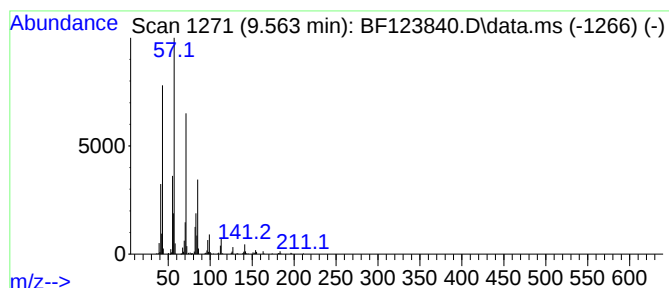
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 3 Tetratetracontane Concentration Rank 17

| R.T.      | EstConc                        | Area   | Relative to ISTD | R.T.         |      |
|-----------|--------------------------------|--------|------------------|--------------|------|
| 9.563     | 7.90 ng                        | 752585 | Acenaphthene-d10 | 9.833        |      |
| Hit# of 5 | Tentative ID                   | MW     | MolForm          | CAS#         | Qual |
| 1         | Tetratetracontane              | 619    | C44H90           | 007098-22-8  | 86   |
| 2         | 1-Octadecanesulphonyl chloride | 352    | C18H37ClO2S      | 1000342-70-4 | 86   |
| 3         | Octacosane                     | 394    | C28H58           | 000630-02-4  | 86   |
| 4         | Tetradecane                    | 198    | C14H30           | 000629-59-4  | 86   |
| 5         | Hentriacontane                 | 437    | C31H64           | 000630-04-6  | 83   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF050521\  
Data File : BF123840.D  
Acq On : 5 May 2021 21:50  
Operator : JU/CG  
Sample : M2279-01  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
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ClientSampleId :  
EME-12

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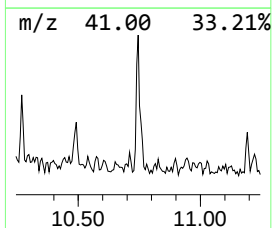
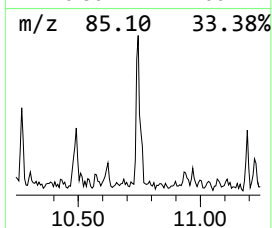
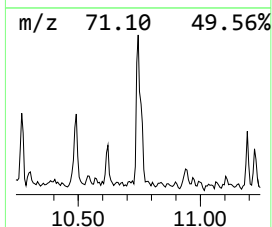
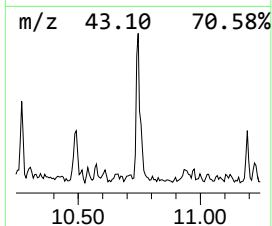
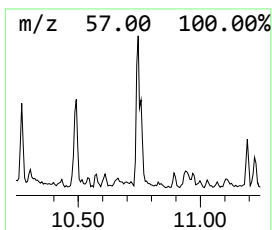
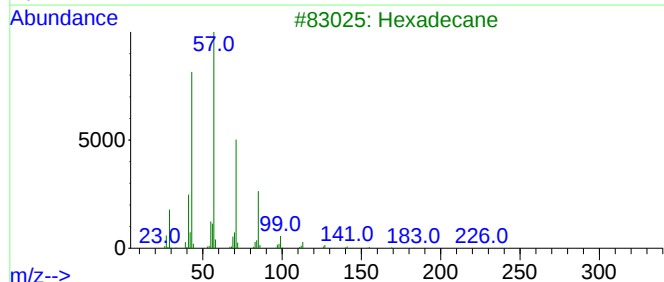
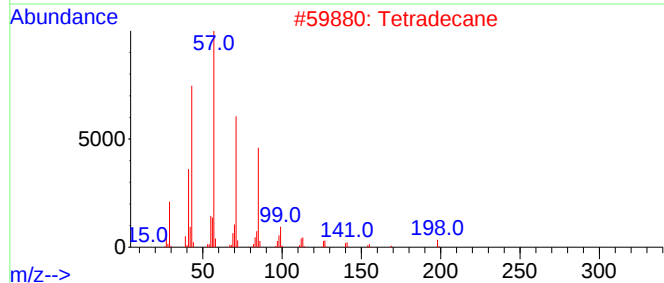
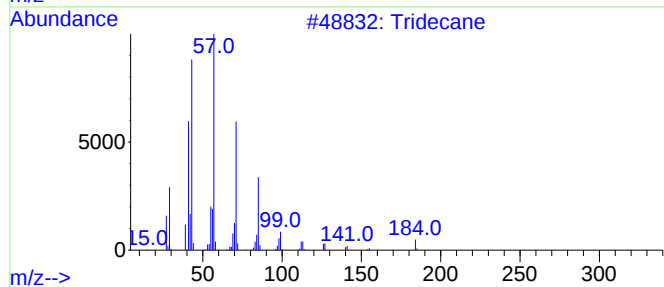
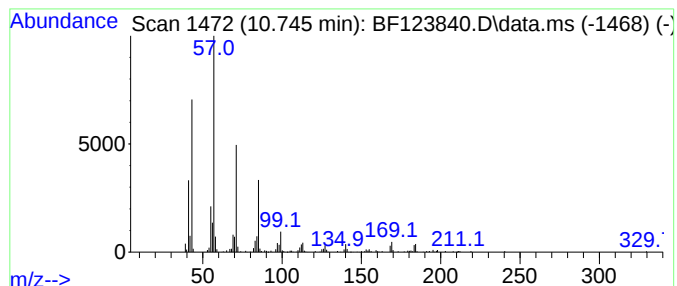
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TIC Integration Parameters: LSCINT.P

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Peak Number 4 Tridecane Concentration Rank 19

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 10.745 | 6.45 ng | 500879 | Phenanthrene-d10 | 11.322 |

| Hit# | of | 5 | Tentative ID         | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------|-----|---------|-------------|------|
| 1    |    |   | Tridecane            | 184 | C13H28  | 000629-50-5 | 91   |
| 2    |    |   | Tetradecane          | 198 | C14H30  | 000629-59-4 | 80   |
| 3    |    |   | Hexadecane           | 226 | C16H34  | 000544-76-3 | 80   |
| 4    |    |   | Tridecane, 2-methyl- | 198 | C14H30  | 001560-96-9 | 74   |
| 5    |    |   | Eicosane             | 282 | C20H42  | 000112-95-8 | 74   |



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Data File : BF123840.D  
Acq On : 5 May 2021 21:50  
Operator : JU/CG  
Sample : M2279-01  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EME-12

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF042721.M  
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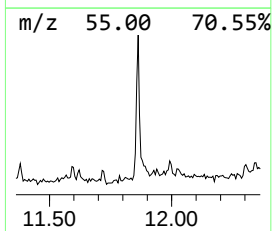
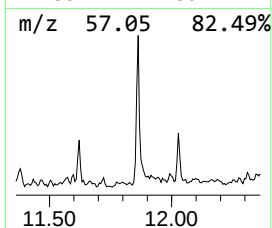
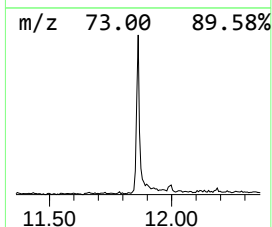
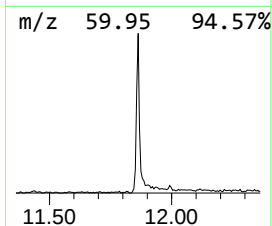
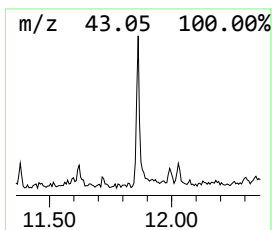
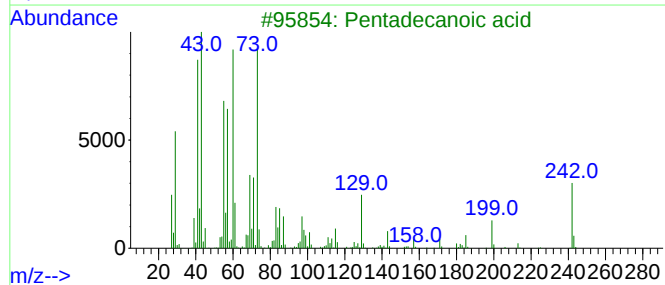
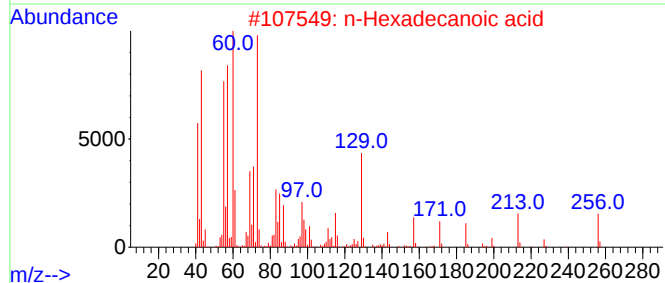
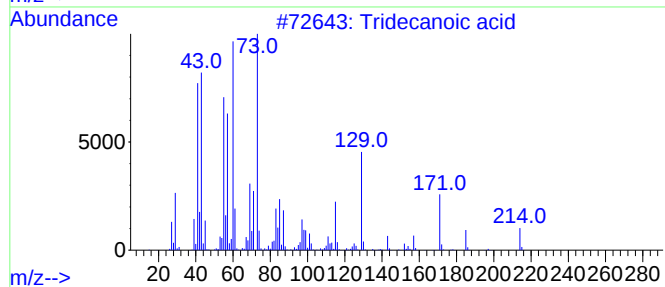
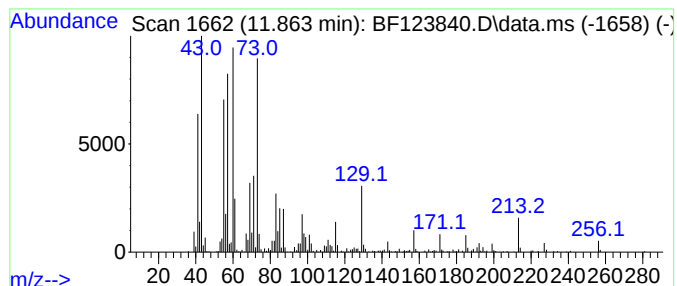
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TIC Integration Parameters: LSCINT.P

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Peak Number 5 Tridecanoic acid Concentration Rank 12

| R.T.   | EstConc  | Area   | Relative to ISTD | R.T.   |
|--------|----------|--------|------------------|--------|
| 11.863 | 12.63 ng | 981198 | Phenanthrene-d10 | 11.322 |

| Hit# | of | 5 | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|---------------------|-----|----------|-------------|------|
| 1    |    |   | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 93   |
| 2    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 93   |
| 3    |    |   | Pentadecanoic acid  | 242 | C15H30O2 | 001002-84-2 | 87   |
| 4    |    |   | Undecanoic acid     | 186 | C11H22O2 | 000112-37-8 | 86   |
| 5    |    |   | Dodecanoic acid     | 200 | C12H24O2 | 000143-07-7 | 76   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF050521\  
Data File : BF123840.D  
Acq On : 5 May 2021 21:50  
Operator : JU/CG  
Sample : M2279-01  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EME-12

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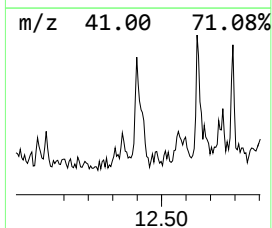
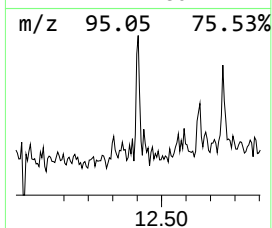
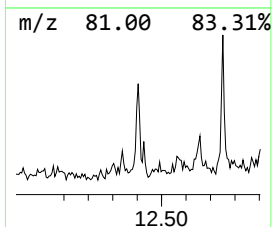
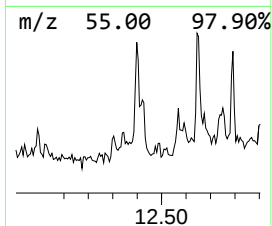
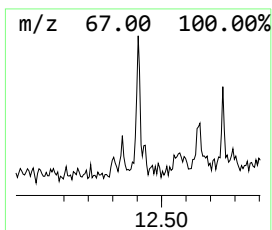
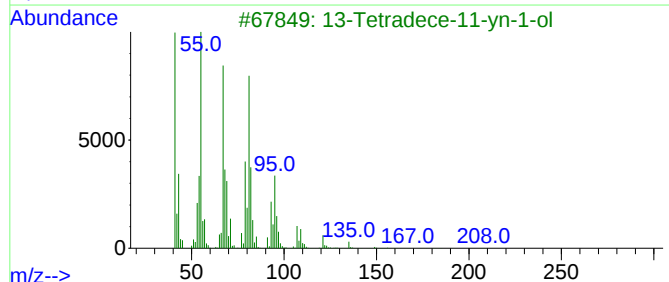
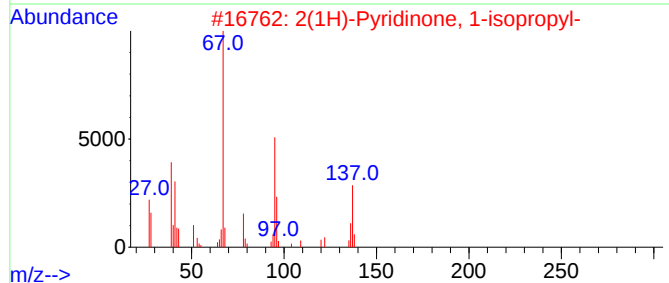
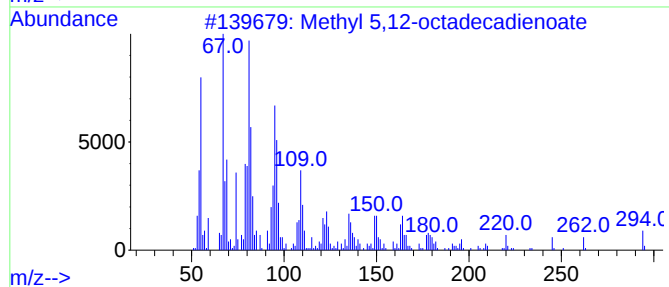
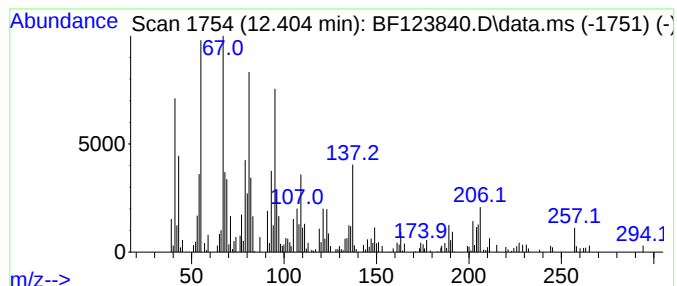
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TIC Integration Parameters: LSCINT.P

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Peak Number 6 Methyl 5,12-octadecadienoate Concentration Rank 16

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 12.404 | 8.36 ng | 649286 | Phenanthrene-d10 | 11.322 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|----------|--------------|------|
| 1    |    |   | Methyl 5,12-octadecadienoate        | 294 | C19H34O2 | 1000336-43-1 | 83   |
| 2    |    |   | 2(1H)-Pyridinone, 1-isopropyl-      | 137 | C8H11NO  | 022973-00-8  | 55   |
| 3    |    |   | 13-Tetradec-11-yn-1-ol              | 208 | C14H24O  | 1000131-00-4 | 43   |
| 4    |    |   | 9,12-Octadecadienoic acid, methy... | 294 | C19H34O2 | 002566-97-4  | 42   |
| 5    |    |   | Dodeca-1,6-dien-12-ol, 6,10-dime... | 210 | C14H26O  | 1000156-13-8 | 38   |



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Data File : BF123840.D  
Acq On : 5 May 2021 21:50  
Operator : JU/CG  
Sample : M2279-01  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
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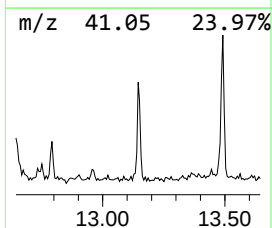
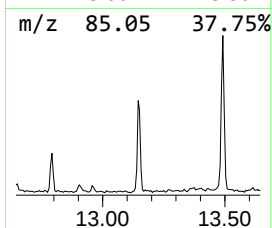
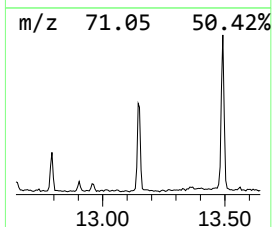
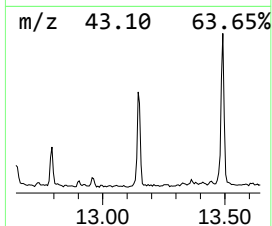
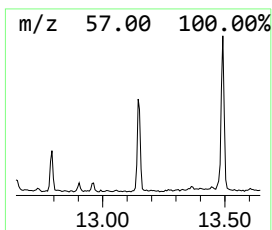
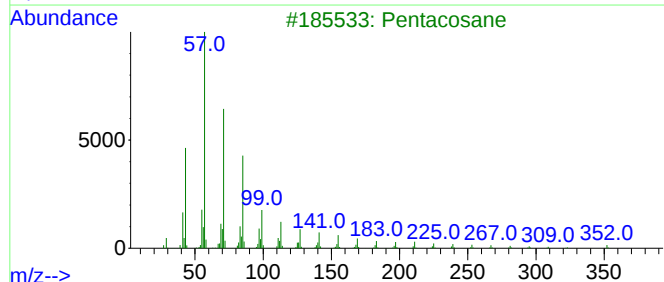
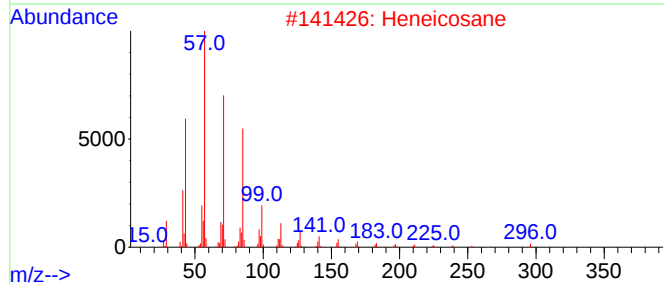
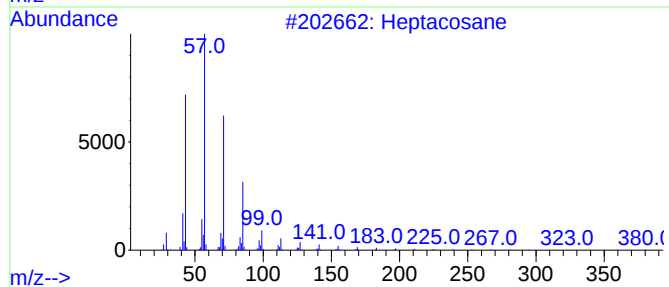
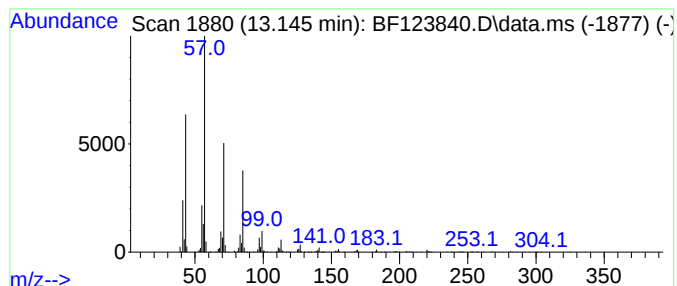
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TIC Integration Parameters: LSCINT.P

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Peak Number 7 Heptacosane Concentration Rank 13

| R.T.   | EstConc  | Area   | Relative to ISTD | R.T.   |
|--------|----------|--------|------------------|--------|
| 13.145 | 11.27 ng | 911443 | Chrysene-d12     | 13.968 |

| Hit# | of | 5 | Tentative ID                 | MW  | MolForm | CAS#        | Qual |
|------|----|---|------------------------------|-----|---------|-------------|------|
| 1    |    |   | Heptacosane                  | 380 | C27H56  | 000593-49-7 | 91   |
| 2    |    |   | Heneicosane                  | 296 | C21H44  | 000629-94-7 | 90   |
| 3    |    |   | Pentacosane                  | 352 | C25H52  | 000629-99-2 | 90   |
| 4    |    |   | Octacosane                   | 394 | C28H58  | 000630-02-4 | 87   |
| 5    |    |   | Dodecane, 2-methyl-6-propyl- | 226 | C16H34  | 055045-08-4 | 86   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF050521\  
Data File : BF123840.D  
Acq On : 5 May 2021 21:50  
Operator : JU/CG  
Sample : M2279-01  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EME-12

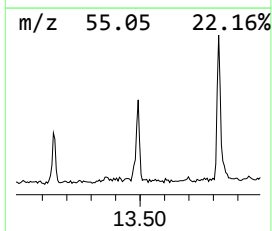
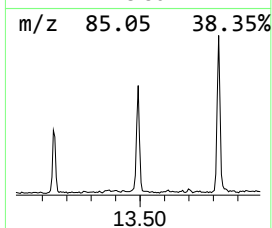
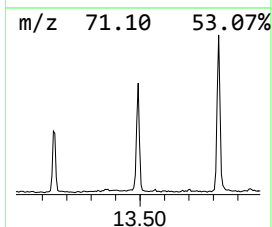
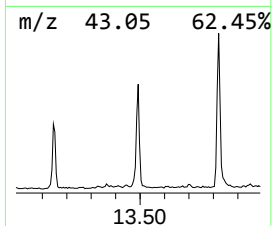
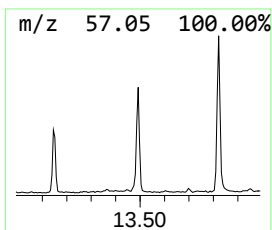
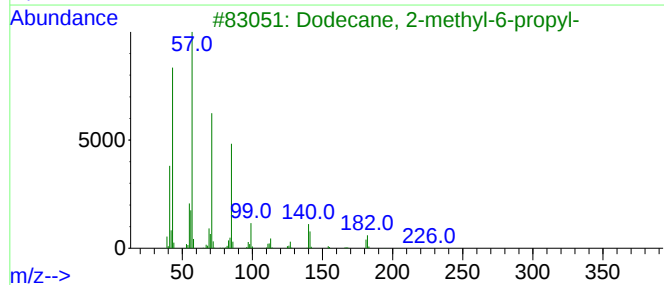
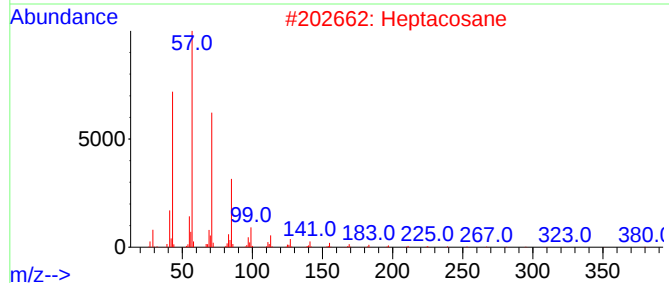
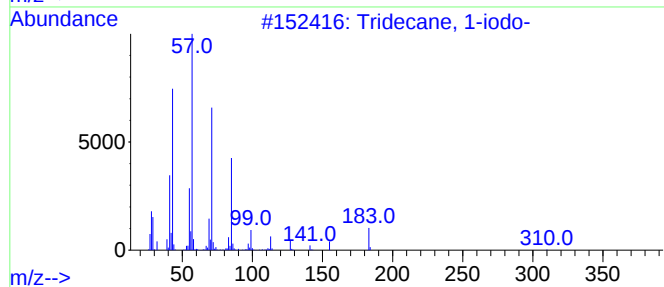
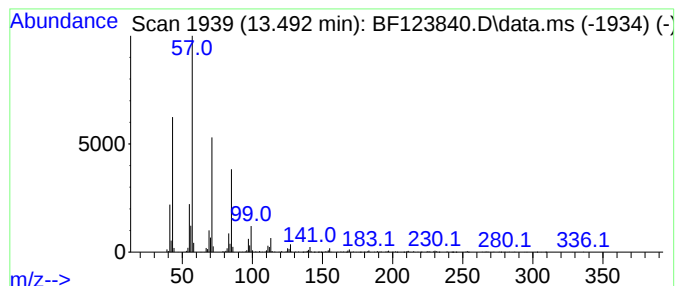
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 8 Tridecane, 1-iodo- Concentration Rank 10

| R.T.   | EstConc  | Area    | Relative to ISTD | R.T.   |
|--------|----------|---------|------------------|--------|
| 13.492 | 16.95 ng | 1370860 | Chrysene-d12     | 13.968 |

| Hit# | of | 5 | Tentative ID                 | MW  | MolForm | CAS#        | Qual |
|------|----|---|------------------------------|-----|---------|-------------|------|
| 1    |    |   | Tridecane, 1-iodo-           | 310 | C13H27I | 035599-77-0 | 91   |
| 2    |    |   | Heptacosane                  | 380 | C27H56  | 000593-49-7 | 90   |
| 3    |    |   | Dodecane, 2-methyl-6-propyl- | 226 | C16H34  | 055045-08-4 | 90   |
| 4    |    |   | Octacosane                   | 394 | C28H58  | 000630-02-4 | 90   |
| 5    |    |   | Tridecane, 7-propyl-         | 226 | C16H34  | 055045-09-5 | 87   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF050521\  
Data File : BF123840.D  
Acq On : 5 May 2021 21:50  
Operator : JU/CG  
Sample : M2279-01  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EME-12

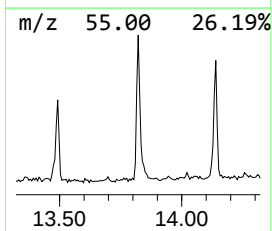
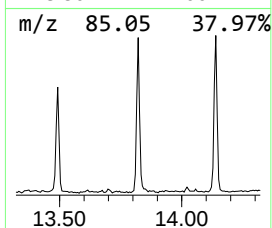
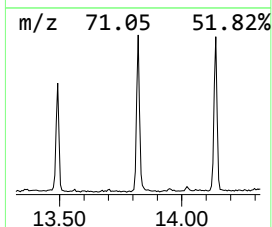
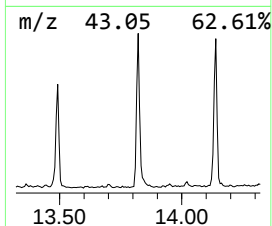
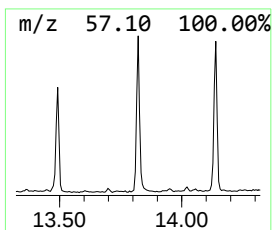
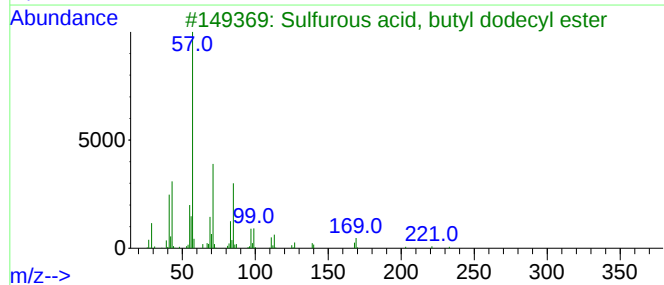
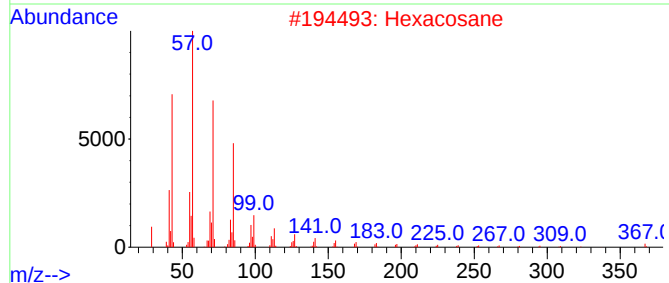
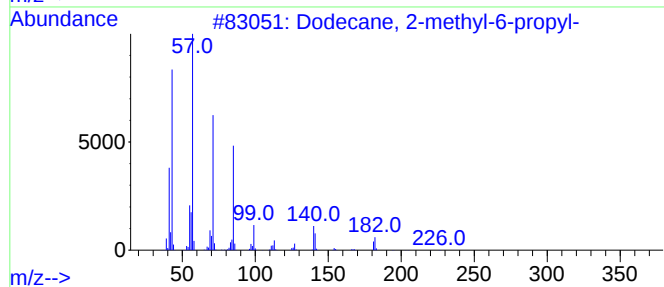
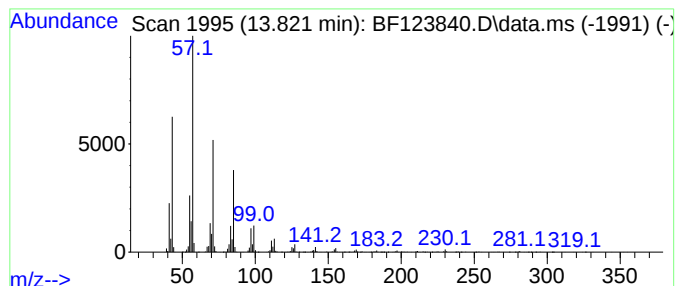
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 9 Dodecane, 2-methyl-6-propyl- Concentration Rank 3

| R.T.   | EstConc  | Area    | Relative to ISTD | R.T.   |
|--------|----------|---------|------------------|--------|
| 13.821 | 28.84 ng | 2332840 | Chrysene-d12     | 13.968 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | Dodecane, 2-methyl-6-propyl-        | 226 | C16H34    | 055045-08-4  | 91   |
| 2    |    |   | Hexacosane                          | 366 | C26H54    | 000630-01-3  | 91   |
| 3    |    |   | Sulfurous acid, butyl dodecyl ester | 306 | C16H34O3S | 1000309-17-9 | 91   |
| 4    |    |   | Heptadecane, 9-octyl-               | 352 | C25H52    | 007225-64-1  | 90   |
| 5    |    |   | Tetratetracontane                   | 619 | C44H90    | 007098-22-8  | 87   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF050521\  
Data File : BF123840.D  
Acq On : 5 May 2021 21:50  
Operator : JU/CG  
Sample : M2279-01  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EME-12

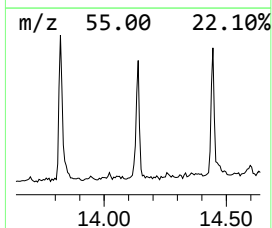
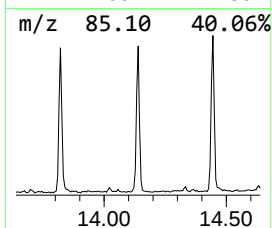
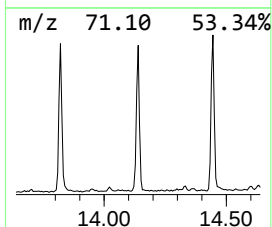
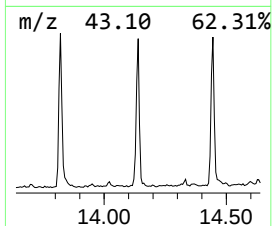
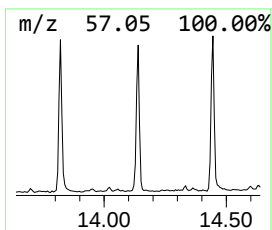
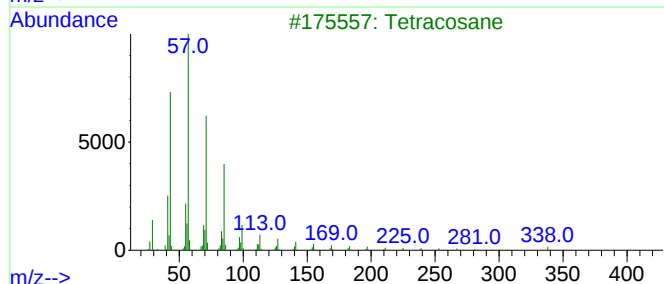
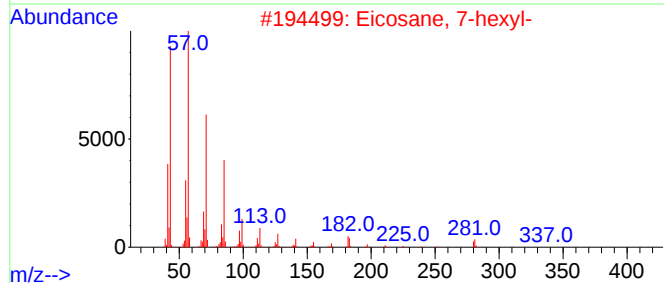
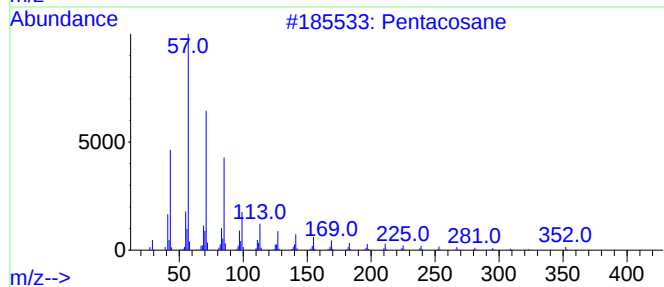
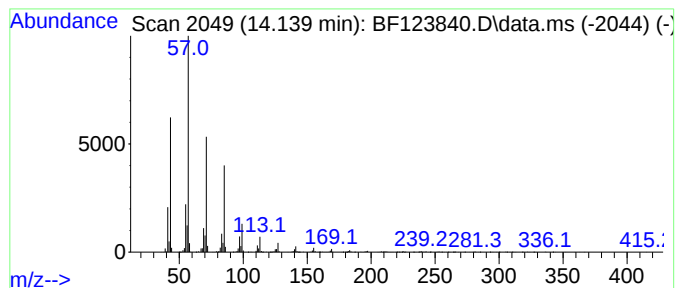
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 10 Pentacosane Concentration Rank 6

| R.T.   | EstConc  | Area    | Relative to ISTD | R.T.   |
|--------|----------|---------|------------------|--------|
| 14.139 | 24.60 ng | 1989680 | Chrysene-d12     | 13.968 |

| Hit# | of | 5 | Tentative ID         | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------|-----|---------|-------------|------|
| 1    |    |   | Pentacosane          | 352 | C25H52  | 000629-99-2 | 94   |
| 2    |    |   | Eicosane, 7-hexyl-   | 366 | C26H54  | 055333-99-8 | 91   |
| 3    |    |   | Tetracosane          | 338 | C24H50  | 000646-31-1 | 91   |
| 4    |    |   | Tridecane, 1-iodo-   | 310 | C13H27I | 035599-77-0 | 91   |
| 5    |    |   | Eicosane, 10-methyl- | 296 | C21H44  | 054833-23-7 | 90   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF050521\  
Data File : BF123840.D  
Acq On : 5 May 2021 21:50  
Operator : JU/CG  
Sample : M2279-01  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EME-12

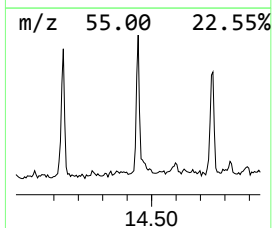
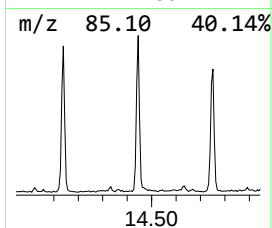
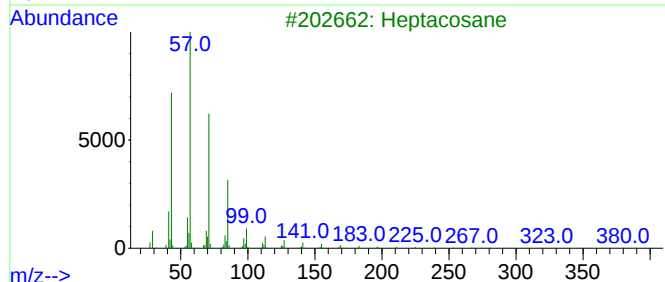
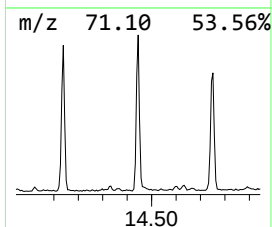
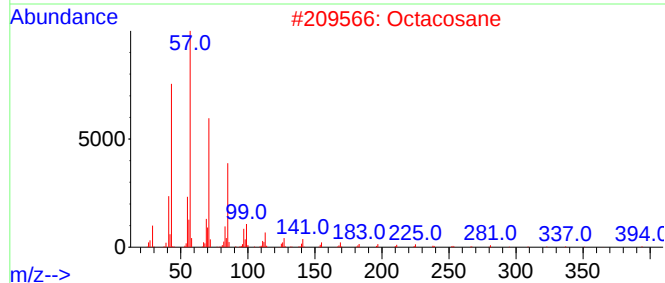
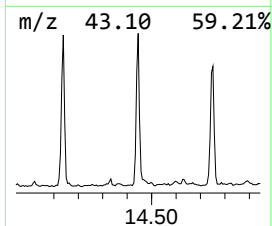
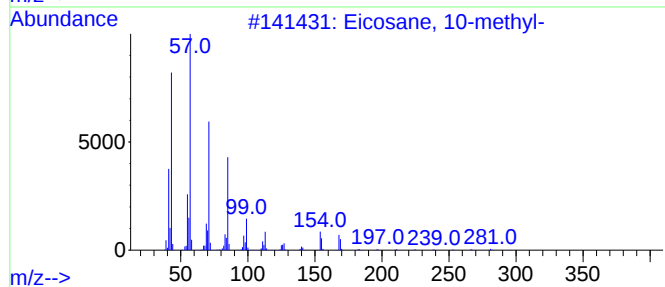
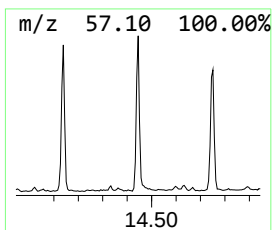
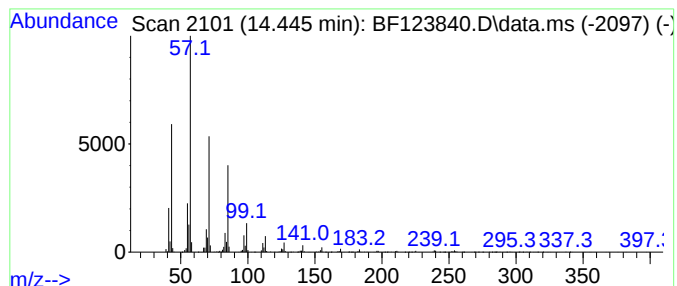
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 11 Eicosane, 10-methyl- Concentration Rank 5

| R.T.   | EstConc  | Area    | Relative to ISTD | R.T.   |
|--------|----------|---------|------------------|--------|
| 14.445 | 27.13 ng | 2194290 | Chrysene-d12     | 13.968 |

| Hit# | of | 5 | Tentative ID         | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------|-----|---------|-------------|------|
| 1    |    |   | Eicosane, 10-methyl- | 296 | C21H44  | 054833-23-7 | 94   |
| 2    |    |   | Octacosane           | 394 | C28H58  | 000630-02-4 | 91   |
| 3    |    |   | Heptacosane          | 380 | C27H56  | 000593-49-7 | 91   |
| 4    |    |   | Heneicosane          | 296 | C21H44  | 000629-94-7 | 91   |
| 5    |    |   | Pentacosane          | 352 | C25H52  | 000629-99-2 | 90   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF050521\  
Data File : BF123840.D  
Acq On : 5 May 2021 21:50  
Operator : JU/CG  
Sample : M2279-01  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

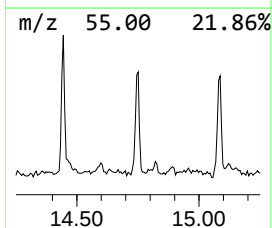
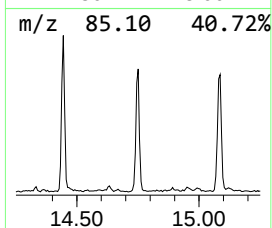
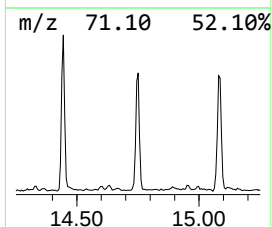
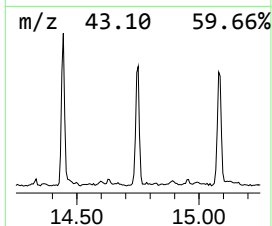
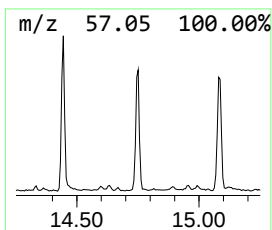
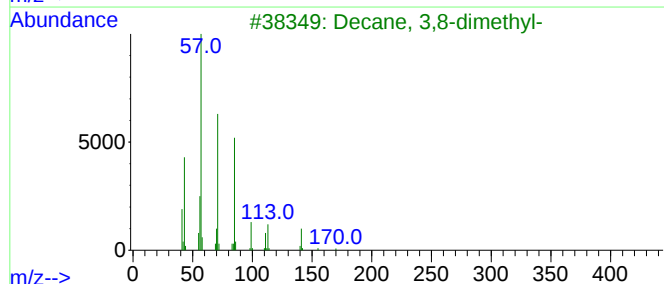
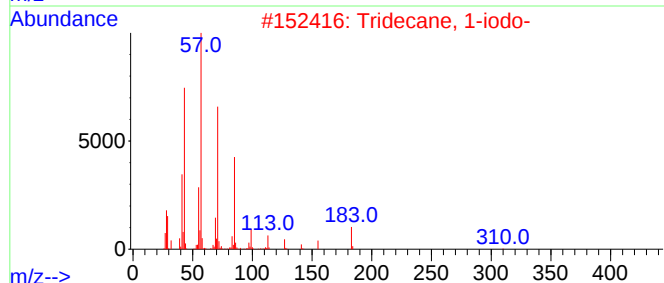
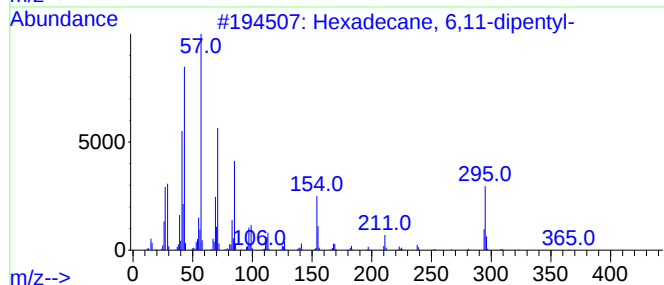
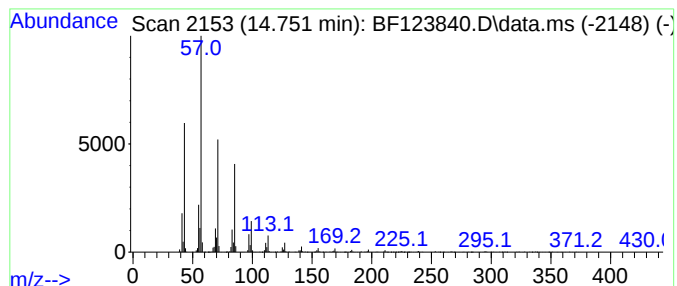
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ClientSampleId :  
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF042721.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 12 Hexadecane, 6,11-dipentyl- Concentration Rank 2

| R.T.      | EstConc                    | Area    | Relative to ISTD | R.T.        |      |
|-----------|----------------------------|---------|------------------|-------------|------|
| 14.751    | 41.41 ng                   | 1931090 | Perylene-d12     | 15.427      |      |
| Hit# of 5 | Tentative ID               | MW      | MolForm          | CAS#        | Qual |
| 1         | Hexadecane, 6,11-dipentyl- | 366     | C26H54           | 015874-03-0 | 87   |
| 2         | Tridecane, 1-iodo-         | 310     | C13H27I          | 035599-77-0 | 86   |
| 3         | Decane, 3,8-dimethyl-      | 170     | C12H26           | 017312-55-9 | 83   |
| 4         | Heptacosane                | 380     | C27H56           | 000593-49-7 | 83   |
| 5         | Octacosane                 | 394     | C28H58           | 000630-02-4 | 81   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF050521\  
Data File : BF123840.D  
Acq On : 5 May 2021 21:50  
Operator : JU/CG  
Sample : M2279-01  
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ALS Vial : 19 Sample Multiplier: 1

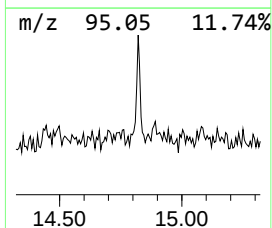
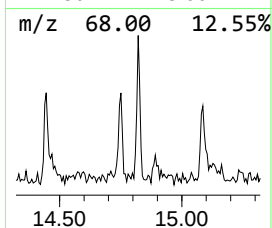
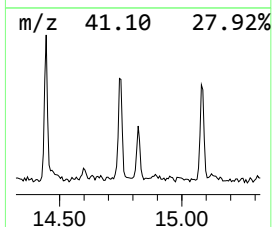
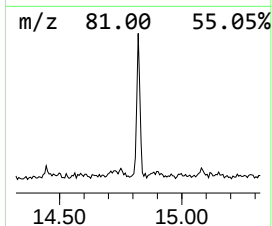
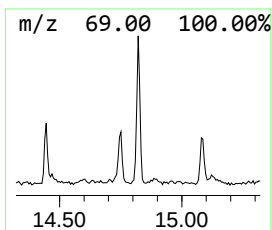
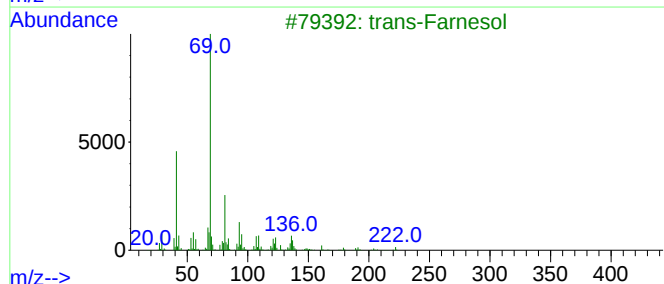
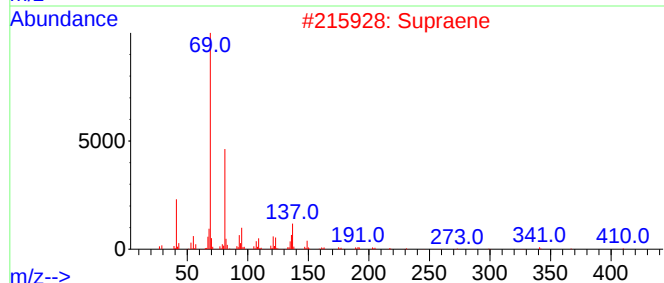
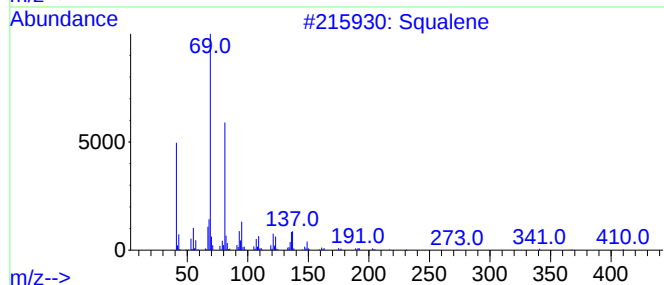
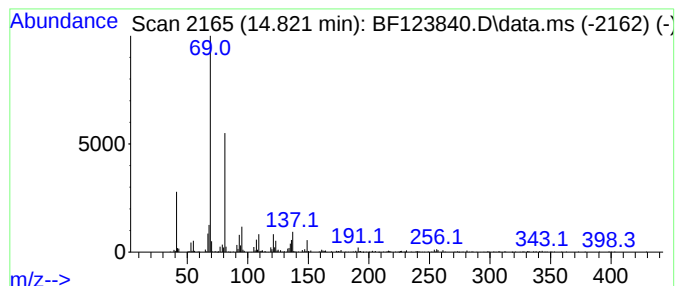
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 13 Squalene Concentration Rank 14

| R.T.      | EstConc                             | Area   | Relative to ISTD | R.T.        |      |
|-----------|-------------------------------------|--------|------------------|-------------|------|
| 14.821    | 11.01 ng                            | 513478 | Perylene-d12     | 15.427      |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm          | CAS#        | Qual |
| 1         | Squalene                            | 410    | C30H50           | 000111-02-4 | 91   |
| 2         | Supraene                            | 410    | C30H50           | 007683-64-9 | 91   |
| 3         | trans-Farnesol                      | 222    | C15H26O          | 000106-28-5 | 78   |
| 4         | .psi.,.psi.-Carotene, 7,7',8,8',... | 547    | C40H66           | 000502-62-5 | 74   |
| 5         | 2,6,10-Dodecatrien-1-ol, 3,7,11-... | 222    | C15H26O          | 004602-84-0 | 72   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF050521\  
Data File : BF123840.D  
Acq On : 5 May 2021 21:50  
Operator : JU/CG  
Sample : M2279-01  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EME-12

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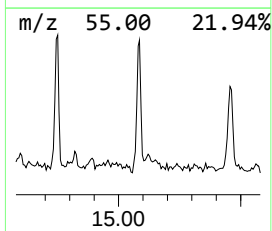
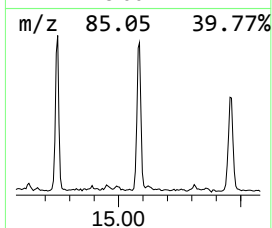
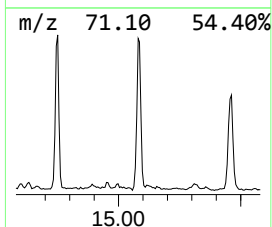
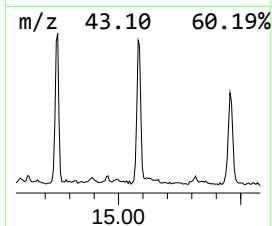
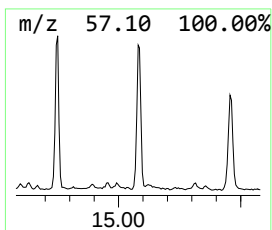
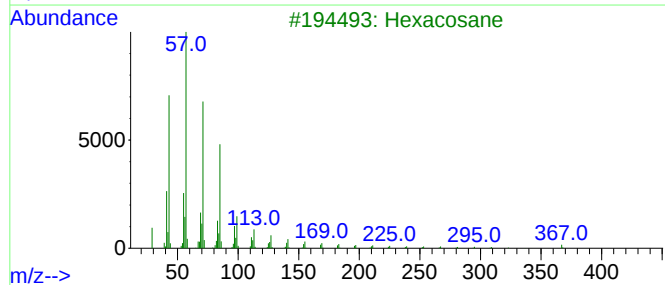
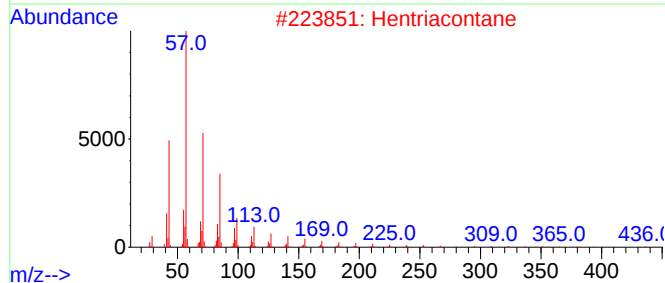
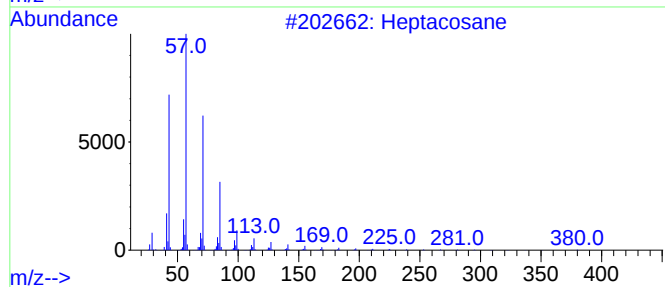
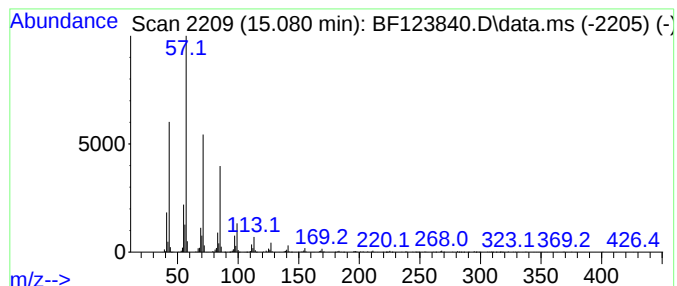
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TIC Integration Parameters: LSCINT.P

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Peak Number 14 Hentriacontane Concentration Rank 1

| R.T.   | EstConc  | Area    | Relative to ISTD | R.T.   |
|--------|----------|---------|------------------|--------|
| 15.080 | 44.21 ng | 2061850 | Perylene-d12     | 15.427 |

| Hit# | of 5 | Tentative ID   | MW  | MolForm | CAS#        | Qual |
|------|------|----------------|-----|---------|-------------|------|
| 1    |      | Heptacosane    | 380 | C27H56  | 000593-49-7 | 91   |
| 2    |      | Hentriacontane | 437 | C31H64  | 000630-04-6 | 91   |
| 3    |      | Hexacosane     | 366 | C26H54  | 000630-01-3 | 91   |
| 4    |      | Octacosane     | 394 | C28H58  | 000630-02-4 | 90   |
| 5    |      | Pentacosane    | 352 | C25H52  | 000629-99-2 | 90   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF050521\  
Data File : BF123840.D  
Acq On : 5 May 2021 21:50  
Operator : JU/CG  
Sample : M2279-01  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EME-12

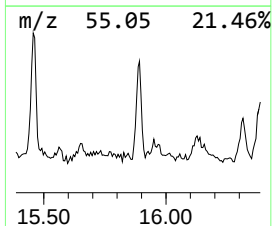
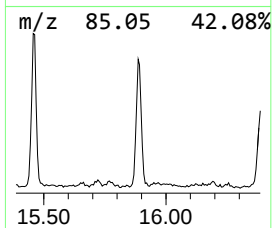
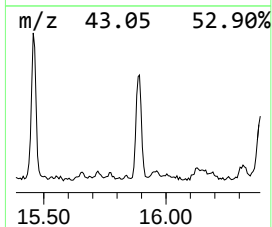
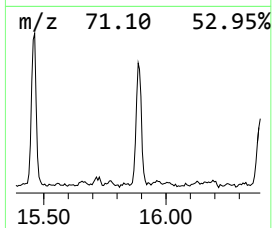
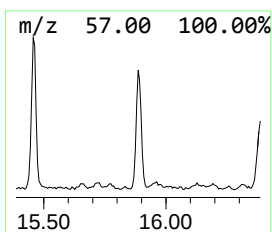
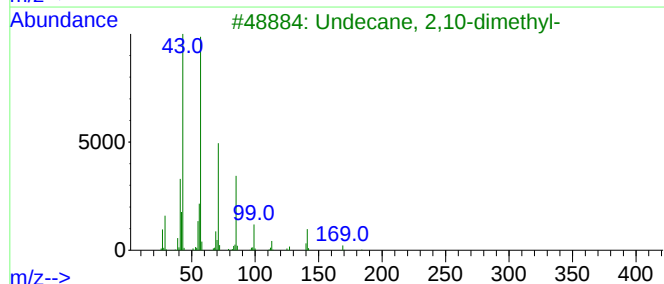
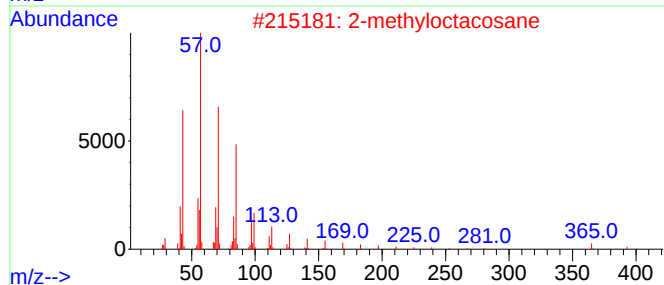
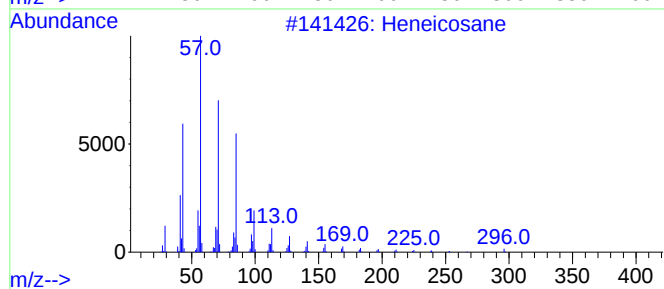
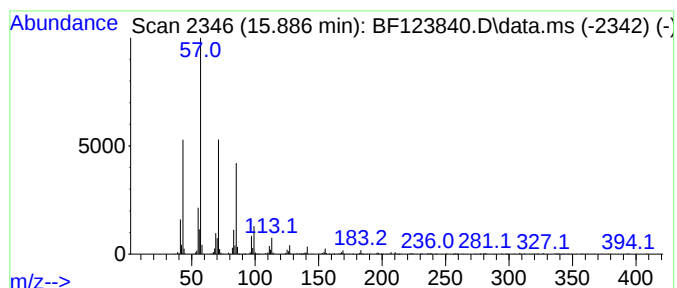
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 15 Heneicosane Concentration Rank 4

| R.T.      | EstConc                  | Area    | Relative to ISTD | R.T.         |      |
|-----------|--------------------------|---------|------------------|--------------|------|
| 15.886    | 27.27 ng                 | 1271940 | Perylene-d12     | 15.427       |      |
| Hit# of 5 | Tentative ID             | MW      | MolForm          | CAS#         | Qual |
| 1         | Heneicosane              | 296     | C21H44           | 000629-94-7  | 87   |
| 2         | 2-methyloctacosane       | 408     | C29H60           | 1000376-72-8 | 87   |
| 3         | Undecane, 2,10-dimethyl- | 184     | C13H28           | 017301-27-8  | 80   |
| 4         | Tetracosane              | 338     | C24H50           | 000646-31-1  | 74   |
| 5         | Tetracosane, 9-octyl-    | 451     | C32H66           | 055401-54-2  | 72   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF050521\  
Data File : BF123840.D  
Acq On : 5 May 2021 21:50  
Operator : JU/CG  
Sample : M2279-01  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EME-12

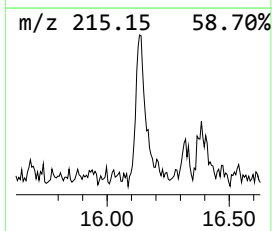
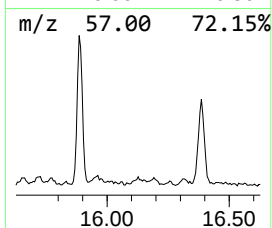
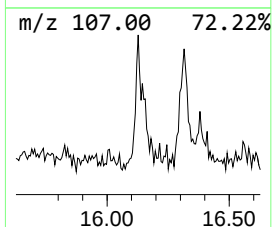
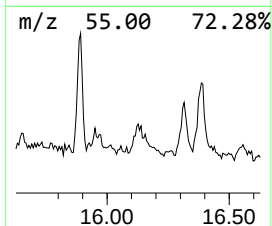
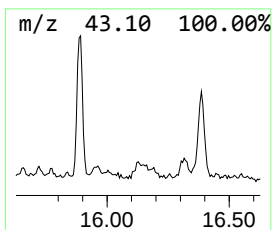
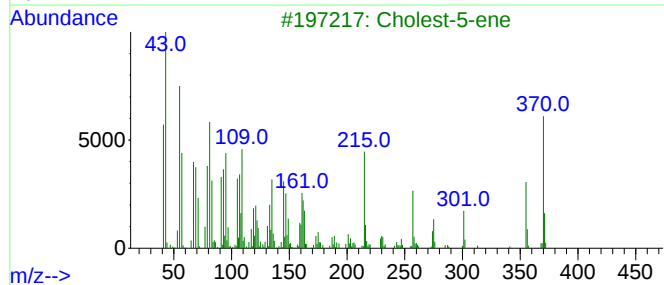
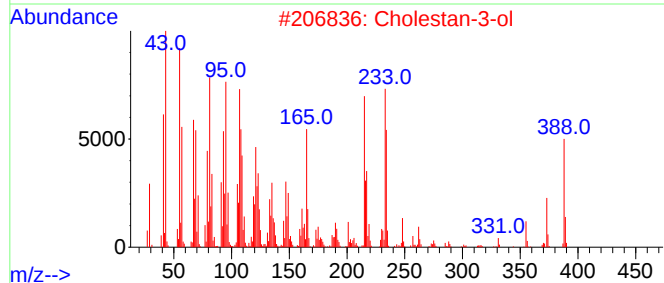
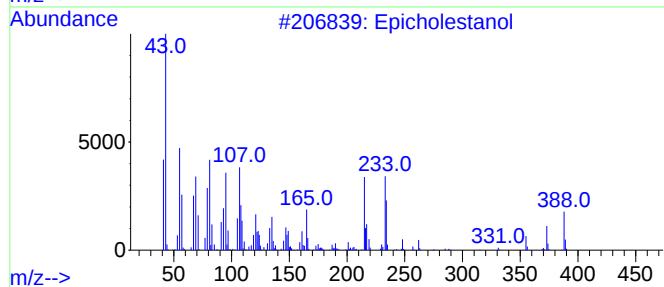
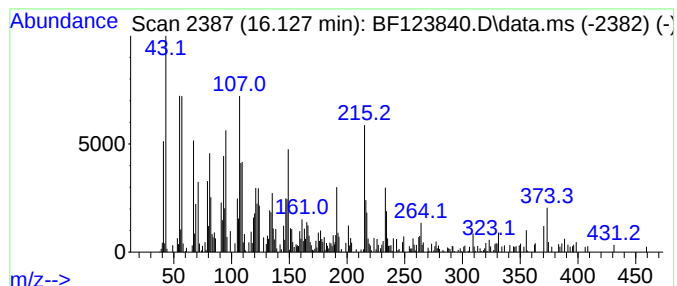
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 16 Epicholestanol Concentration Rank 9

| R.T.   | EstConc  | Area   | Relative to ISTD | R.T.   |
|--------|----------|--------|------------------|--------|
| 16.127 | 19.04 ng | 887925 | Perylene-d12     | 15.427 |

| Hit# | of | 5 | Tentative ID                       | MW  | MolForm | CAS#        | Qual |
|------|----|---|------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Epicholestanol                     | 388 | C27H48O | 000516-95-0 | 83   |
| 2    |    |   | Cholestan-3-ol                     | 388 | C27H48O | 027409-41-2 | 64   |
| 3    |    |   | Cholest-5-ene                      | 370 | C27H46  | 000570-74-1 | 55   |
| 4    |    |   | Cholestanol                        | 388 | C27H48O | 000080-97-7 | 49   |
| 5    |    |   | Cholestan-3-ol, (3.beta.,5.beta.)- | 388 | C27H48O | 000360-68-9 | 38   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF050521\  
Data File : BF123840.D  
Acq On : 5 May 2021 21:50  
Operator : JU/CG  
Sample : M2279-01  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EME-12

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF042721.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

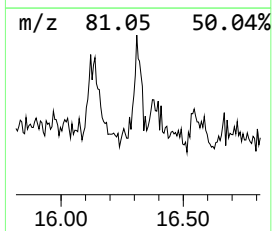
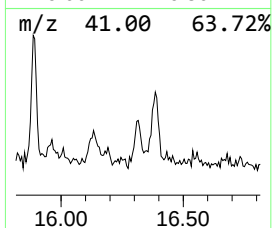
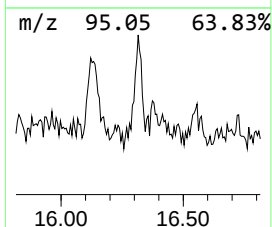
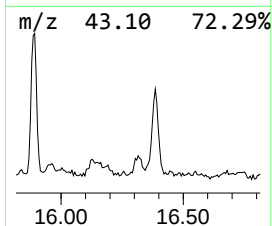
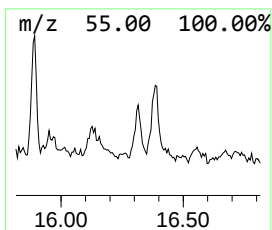
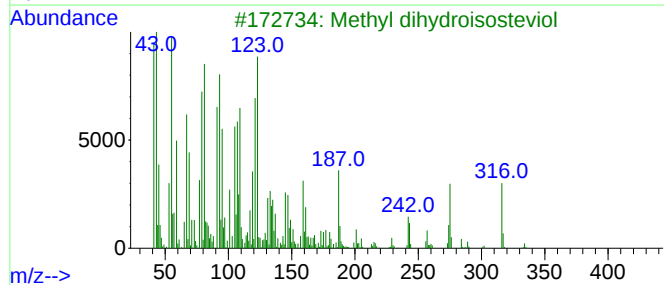
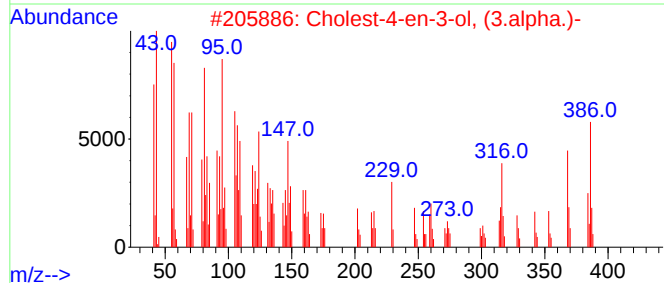
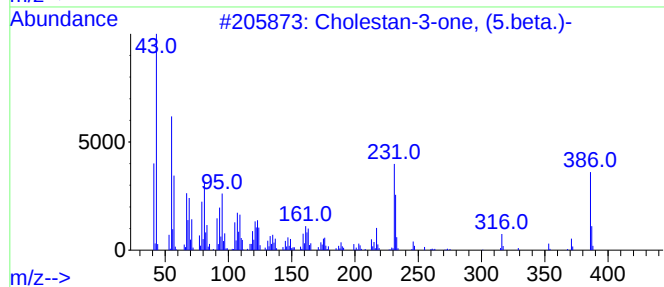
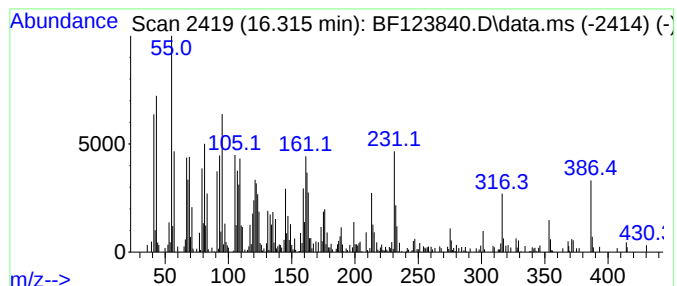
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 17 unknown16.315 Concentration Rank 11

| R.T.   | EstConc  | Area   | Relative to ISTD | R.T.   |
|--------|----------|--------|------------------|--------|
| 16.315 | 13.48 ng | 628873 | Perylene-d12     | 15.427 |

| Hit# | of | 5 | Tentative ID                    | MW  | MolForm  | CAS#         | Qual |
|------|----|---|---------------------------------|-----|----------|--------------|------|
| 1    |    |   | Cholestan-3-one, (5.beta.)-     | 386 | C27H46O  | 000601-53-6  | 41   |
| 2    |    |   | Cholest-4-en-3-ol, (3.alpha.)-  | 386 | C27H46O  | 000566-90-5  | 35   |
| 3    |    |   | Methyl dihydroisosteviol        | 334 | C21H34O3 | 202577-02-4  | 35   |
| 4    |    |   | Dihydro-isosteviol methyl ester | 334 | C21H34O3 | 1000256-06-8 | 35   |
| 5    |    |   | Cholestan-3-one                 | 386 | C27H46O  | 015600-08-5  | 27   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF050521\  
Data File : BF123840.D  
Acq On : 5 May 2021 21:50  
Operator : JU/CG  
Sample : M2279-01  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EME-12

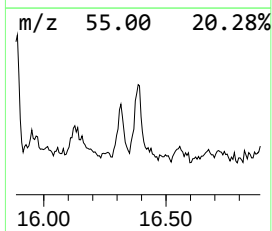
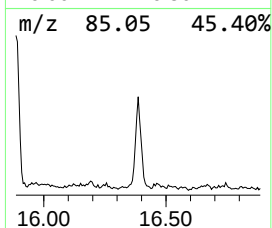
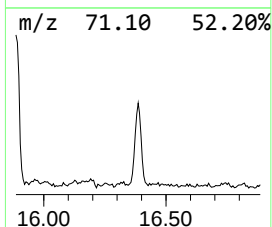
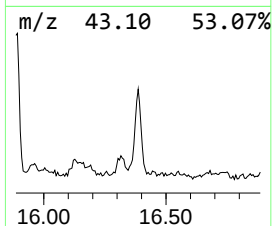
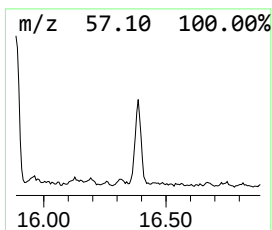
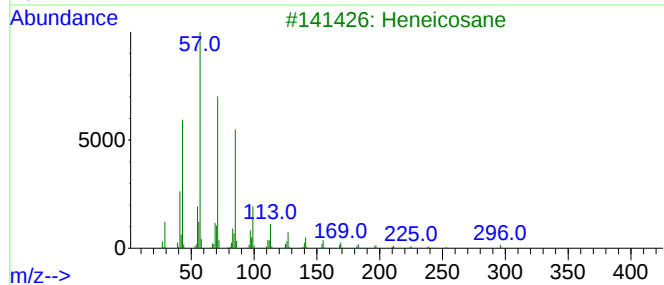
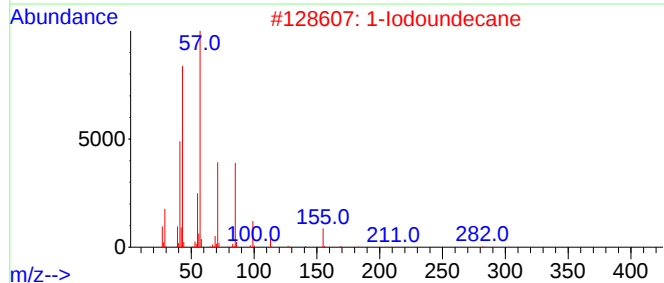
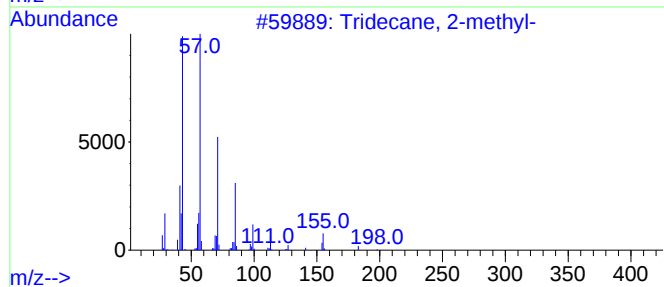
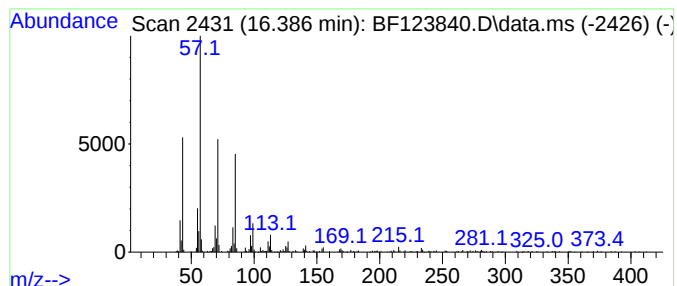
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 18 Tridecane, 2-methyl- Concentration Rank 8

| R.T.   | EstConc  | Area   | Relative to ISTD | R.T.   |
|--------|----------|--------|------------------|--------|
| 16.386 | 20.83 ng | 971601 | Perylene-d12     | 15.427 |

| Hit# | of | 5 | Tentative ID         | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------|-----|---------|-------------|------|
| 1    |    |   | Tridecane, 2-methyl- | 198 | C14H30  | 001560-96-9 | 83   |
| 2    |    |   | 1-Iodoundecane       | 282 | C11H23I | 004282-44-4 | 80   |
| 3    |    |   | Heneicosane          | 296 | C21H44  | 000629-94-7 | 74   |
| 4    |    |   | Eicosane, 3-methyl-  | 296 | C21H44  | 006418-46-8 | 62   |
| 5    |    |   | Octacosane           | 394 | C28H58  | 000630-02-4 | 62   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF050521\  
Data File : BF123840.D  
Acq On : 5 May 2021 21:50  
Operator : JU/CG  
Sample : M2279-01  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EME-12

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF042721.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

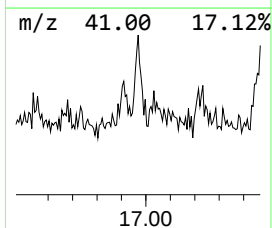
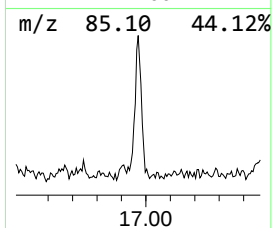
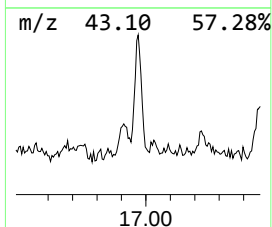
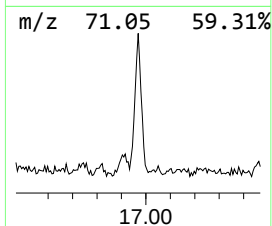
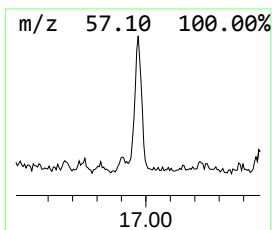
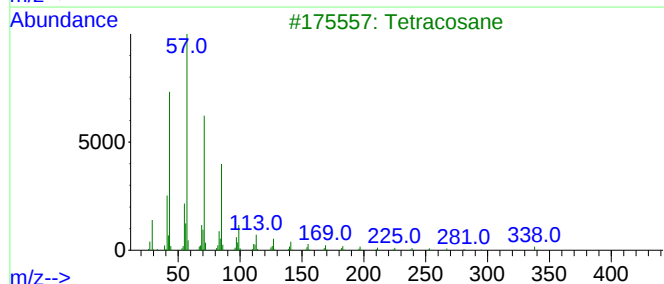
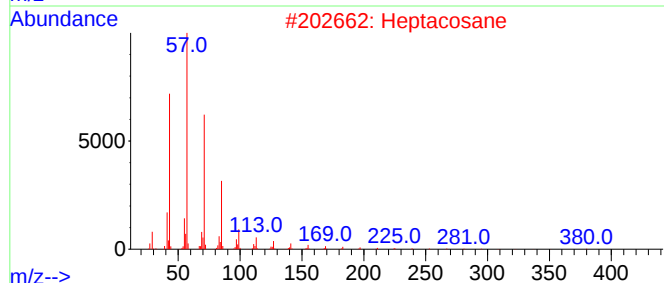
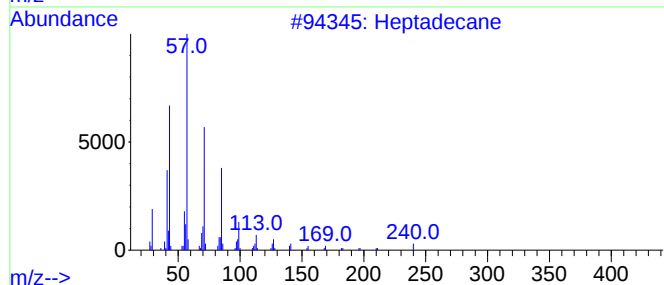
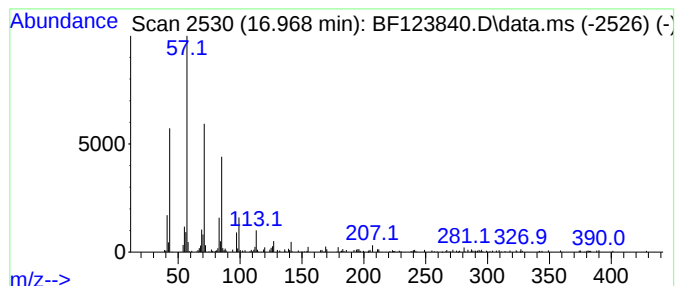
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 19 Heptadecane Concentration Rank 15

| R.T.   | EstConc  | Area   | Relative to ISTD | R.T.   |
|--------|----------|--------|------------------|--------|
| 16.968 | 10.68 ng | 497964 | Perylene-d12     | 15.427 |

| Hit# | of | 5 | Tentative ID                   | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------------------------|-----|---------|-------------|------|
| 1    |    |   | Heptadecane                    | 240 | C17H36  | 000629-78-7 | 91   |
| 2    |    |   | Heptacosane                    | 380 | C27H56  | 000593-49-7 | 87   |
| 3    |    |   | Tetracosane                    | 338 | C24H50  | 000646-31-1 | 87   |
| 4    |    |   | Tetradecane, 2,6,10-trimethyl- | 240 | C17H36  | 014905-56-7 | 87   |
| 5    |    |   | Heptadecane, 9-hexyl-          | 324 | C23H48  | 055124-79-3 | 86   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF050521\  
Data File : BF123840.D  
Acq On : 5 May 2021 21:50  
Operator : JU/CG  
Sample : M2279-01  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

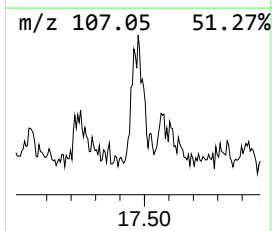
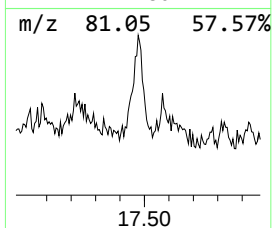
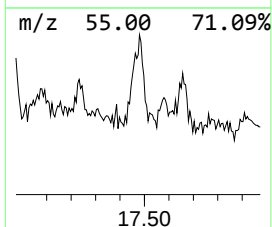
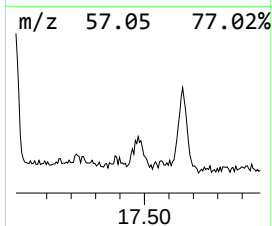
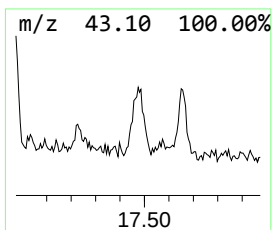
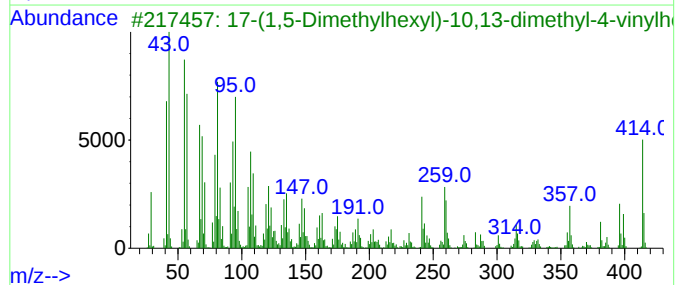
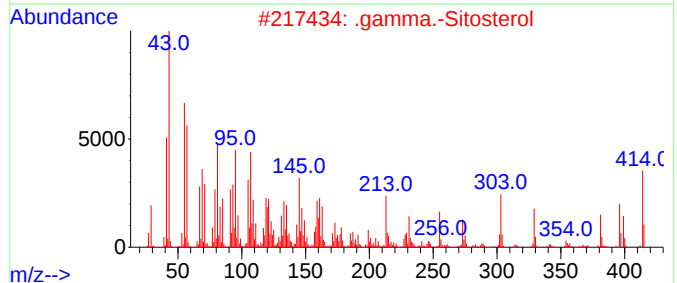
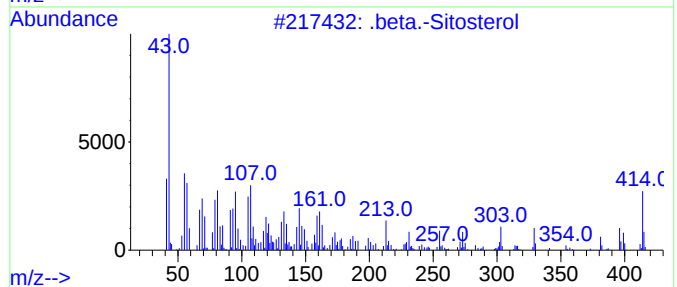
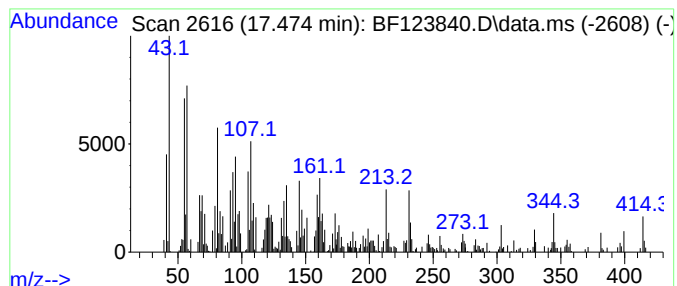
Instrument :  
BNA\_F  
ClientSampled :  
EME-12

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF042721.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 20 .beta.-Sitosterol Concentration Rank 7

| R.T.      | EstConc                             | Area    | Relative to ISTD | R.T.         |      |
|-----------|-------------------------------------|---------|------------------|--------------|------|
| 17.474    | 22.60 ng                            | 1054090 | Perylene-d12     | 15.427       |      |
| Hit# of 5 | Tentative ID                        | MW      | MolForm          | CAS#         | Qual |
| 1         | .beta.-Sitosterol                   | 414     | C29H50O          | 000083-46-5  | 78   |
| 2         | .gamma.-Sitosterol                  | 414     | C29H50O          | 000083-47-6  | 55   |
| 3         | 17-(1,5-Dimethylhexyl)-10,13-dim... | 414     | C29H50O          | 1000210-86-9 | 43   |
| 4         | Stigmastan-7-one                    | 414     | C29H50O          | 055331-88-9  | 38   |
| 5         | Kauren-18-ol, acetate, (4.beta.)-   | 330     | C22H34O2         | 072150-74-4  | 38   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF050521\  
 Data File : BF123840.D  
 Acq On : 5 May 2021 21:50  
 Operator : JU/CG  
 Sample : M2279-01  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 EME-12

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF042721.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |         |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|---------|------|
|                    |        |         |       |          | #                     | RT     | Resp    | Conc |
| Decane, 5-propyl-  | 9.104  | 4.6     | ng    | 440425   | 3                     | 9.833  | 1904330 | 20.0 |
| Hexadecane         | 9.239  | 6.8     | ng    | 642838   | 3                     | 9.833  | 1904330 | 20.0 |
| Tetratetracontane  | 9.563  | 7.9     | ng    | 752585   | 3                     | 9.833  | 1904330 | 20.0 |
| Tridecane          | 10.745 | 6.5     | ng    | 500879   | 4                     | 11.322 | 1554230 | 20.0 |
| Tridecanoic acid   | 11.863 | 12.6    | ng    | 981198   | 4                     | 11.322 | 1554230 | 20.0 |
| Methyl 5,12-oct... | 12.404 | 8.4     | ng    | 649286   | 4                     | 11.322 | 1554230 | 20.0 |
| Heptacosane        | 13.145 | 11.3    | ng    | 911443   | 5                     | 13.968 | 1617790 | 20.0 |
| Tridecane, 1-iodo- | 13.492 | 16.9    | ng    | 1370860  | 5                     | 13.968 | 1617790 | 20.0 |
| Dodecane, 2-met... | 13.821 | 28.8    | ng    | 2332840  | 5                     | 13.968 | 1617790 | 20.0 |
| Pentacosane        | 14.139 | 24.6    | ng    | 1989680  | 5                     | 13.968 | 1617790 | 20.0 |
| Eicosane, 10-me... | 14.445 | 27.1    | ng    | 2194290  | 5                     | 13.968 | 1617790 | 20.0 |
| Hexadecane, 6,1... | 14.751 | 41.4    | ng    | 1931090  | 6                     | 15.427 | 932775  | 20.0 |
| Squalene           | 14.821 | 11.0    | ng    | 513478   | 6                     | 15.427 | 932775  | 20.0 |
| Hentriacontane     | 15.080 | 44.2    | ng    | 2061850  | 6                     | 15.427 | 932775  | 20.0 |
| Heneicosane        | 15.886 | 27.3    | ng    | 1271940  | 6                     | 15.427 | 932775  | 20.0 |
| Epicholestanol     | 16.127 | 19.0    | ng    | 887925   | 6                     | 15.427 | 932775  | 20.0 |
| unknown16.315      | 16.315 | 13.5    | ng    | 628873   | 6                     | 15.427 | 932775  | 20.0 |
| Tridecane, 2-me... | 16.386 | 20.8    | ng    | 971601   | 6                     | 15.427 | 932775  | 20.0 |
| Heptadecane        | 16.968 | 10.7    | ng    | 497964   | 6                     | 15.427 | 932775  | 20.0 |
| .beta.-Sitosterol  | 17.474 | 22.6    | ng    | 1054090  | 6                     | 15.427 | 932775  | 20.0 |