

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF012821\  
 Data File : BF123059.D  
 Acq On : 28 Jan 2021 14:58  
 Operator : JU/CG  
 Sample : M1226-05  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 0049-043-COMP-C-ELUTRIATE

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-BF012721.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF123059.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         | 2.157       | 6             | 12          | 18           | rBV      | 2319850        | 2944203       | 34.47%          | 4.468%        |
| 2         | 5.098       | 505           | 512         | 520          | rVB      | 76042          | 89833         | 1.05%           | 0.136%        |
| 3         | 5.498       | 576           | 580         | 584          | rBV      | 2781562        | 2627467       | 30.76%          | 3.987%        |
| 4         | 6.504       | 747           | 751         | 758          | rBV2     | 2363347        | 2326914       | 27.24%          | 3.531%        |
| 5         | 6.892       | 813           | 817         | 820          | rBV      | 1830902        | 1525919       | 17.86%          | 2.316%        |
| 6         | 7.045       | 839           | 843         | 847          | rVB      | 3303195        | 2897255       | 33.92%          | 4.397%        |
| 7         | 7.451       | 906           | 912         | 915          | rBV      | 3929640        | 3716003       | 43.50%          | 5.639%        |
| 8         | 7.657       | 944           | 947         | 950          | rVB      | 108449         | 95830         | 1.12%           | 0.145%        |
| 9         | 8.175       | 1031          | 1035        | 1038         | rBV      | 2426148        | 1994410       | 23.35%          | 3.027%        |
| 10        | 9.251       | 1213          | 1218        | 1222         | rBV      | 6361959        | 6629815       | 77.61%          | 10.061%       |
| 11        | 9.333       | 1227          | 1232        | 1237         | rBV2     | 252209         | 279587        | 3.27%           | 0.424%        |
| 12        | 9.645       | 1281          | 1285        | 1289         | rBV      | 399127         | 327668        | 3.84%           | 0.497%        |
| 13        | 9.751       | 1300          | 1303        | 1311         | rBV3     | 82445          | 145587        | 1.70%           | 0.221%        |
| 14        | 9.933       | 1330          | 1334        | 1338         | rVB      | 2806738        | 2391528       | 28.00%          | 3.629%        |
| 15        | 10.133      | 1364          | 1368        | 1374         | rBV      | 112038         | 123854        | 1.45%           | 0.188%        |
| 16        | 10.345      | 1400          | 1404        | 1406         | rBV2     | 121017         | 122340        | 1.43%           | 0.186%        |
| 17        | 10.722      | 1464          | 1468        | 1471         | rBV      | 2214231        | 1907230       | 22.33%          | 2.894%        |
| 18        | 10.998      | 1512          | 1515        | 1518         | rVB      | 206436         | 159779        | 1.87%           | 0.242%        |
| 19        | 11.427      | 1583          | 1588        | 1591         | rBV      | 2790443        | 2554350       | 29.90%          | 3.876%        |
| 20        | 11.592      | 1613          | 1616        | 1623         | rVB3     | 90057          | 131077        | 1.53%           | 0.199%        |
| 21        | 11.963      | 1671          | 1679        | 1692         | rBV2     | 3491306        | 4393756       | 51.44%          | 6.668%        |
| 22        | 12.251      | 1725          | 1728        | 1733         | rBV      | 149115         | 162913        | 1.91%           | 0.247%        |
| 23        | 12.410      | 1752          | 1755        | 1759         | rBV      | 1103712        | 972377        | 11.38%          | 1.476%        |
| 24        | 12.469      | 1762          | 1765        | 1769         | rVV      | 332941         | 292331        | 3.42%           | 0.444%        |
| 25        | 12.510      | 1769          | 1772        | 1777         | rVB      | 125201         | 131320        | 1.54%           | 0.199%        |
| 26        | 12.645      | 1792          | 1795        | 1797         | rBV2     | 141508         | 151554        | 1.77%           | 0.230%        |
| 27        | 12.663      | 1797          | 1798        | 1807         | rVB4     | 140055         | 176357        | 2.06%           | 0.268%        |
| 28        | 12.751      | 1807          | 1813        | 1821         | rBV      | 3080269        | 3118935       | 36.51%          | 4.733%        |
| 29        | 12.816      | 1821          | 1824        | 1826         | rVB      | 300474         | 230009        | 2.69%           | 0.349%        |
| 30        | 12.916      | 1839          | 1841        | 1845         | rVB      | 105183         | 90170         | 1.06%           | 0.137%        |
| 31        | 13.021      | 1854          | 1859        | 1862         | rBV      | 8164110        | 8542244       | 100.00%         | 12.963%       |
| 32        | 13.169      | 1881          | 1884        | 1887         | rBV      | 133736         | 140761        | 1.65%           | 0.214%        |
| 33        | 13.251      | 1895          | 1898        | 1905         | rVB      | 135328         | 176265        | 2.06%           | 0.267%        |
| 34        | 13.316      | 1906          | 1909        | 1914         | rVB      | 90884          | 90923         | 1.06%           | 0.138%        |
| 35        | 13.498      | 1935          | 1940        | 1943         | rVB      | 360249         | 361077        | 4.23%           | 0.548%        |
| 36        | 13.551      | 1944          | 1949        | 1951         | rBV2     | 127065         | 134490        | 1.57%           | 0.204%        |

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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-BF012721.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 37 | 13.639 | 1961 | 1964 | 1967 | rVV  | 1557080 | 1299360 | 15.21% | 1.972% |
| 38 | 13.674 | 1967 | 1970 | 1975 | rVB2 | 353275  | 306545  | 3.59%  | 0.465% |
| 39 | 13.716 | 1975 | 1977 | 1984 | rVB  | 141644  | 144200  | 1.69%  | 0.219% |
| 40 | 13.927 | 2009 | 2013 | 2022 | rBV  | 1872982 | 3141449 | 36.78% | 4.767% |
| 41 | 13.992 | 2022 | 2024 | 2028 | rVB  | 178286  | 161831  | 1.89%  | 0.246% |
| 42 | 14.074 | 2034 | 2038 | 2042 | rVB  | 3019744 | 2713685 | 31.77% | 4.118% |
| 43 | 14.245 | 2064 | 2067 | 2069 | rBV  | 163362  | 144949  | 1.70%  | 0.220% |
| 44 | 14.551 | 2114 | 2119 | 2121 | rBV  | 212471  | 202722  | 2.37%  | 0.308% |
| 45 | 14.580 | 2121 | 2124 | 2134 | rVB4 | 102716  | 222874  | 2.61%  | 0.338% |
| 46 | 14.863 | 2168 | 2172 | 2177 | rVB  | 253087  | 238339  | 2.79%  | 0.362% |
| 47 | 15.210 | 2227 | 2231 | 2237 | rBV  | 297693  | 322227  | 3.77%  | 0.489% |
| 48 | 15.563 | 2284 | 2291 | 2295 | rBV  | 2035769 | 2581395 | 30.22% | 3.917% |
| 49 | 15.604 | 2295 | 2298 | 2304 | rVB  | 264310  | 335639  | 3.93%  | 0.509% |
| 50 | 16.051 | 2369 | 2374 | 2380 | rBV  | 217367  | 336538  | 3.94%  | 0.511% |
| 51 | 16.127 | 2381 | 2387 | 2407 | rVB3 | 184646  | 746368  | 8.74%  | 1.133% |
| 52 | 16.574 | 2457 | 2463 | 2473 | rBV2 | 126005  | 259064  | 3.03%  | 0.393% |
| 53 | 17.192 | 2562 | 2568 | 2577 | rVB2 | 61088   | 128752  | 1.51%  | 0.195% |
| 54 | 17.327 | 2582 | 2591 | 2596 | rBV9 | 45340   | 156340  | 1.83%  | 0.237% |
| 55 | 17.715 | 2650 | 2657 | 2664 | rBV9 | 63797   | 199056  | 2.33%  | 0.302% |
| 56 | 17.915 | 2687 | 2691 | 2700 | rVB3 | 41577   | 99144   | 1.16%  | 0.150% |

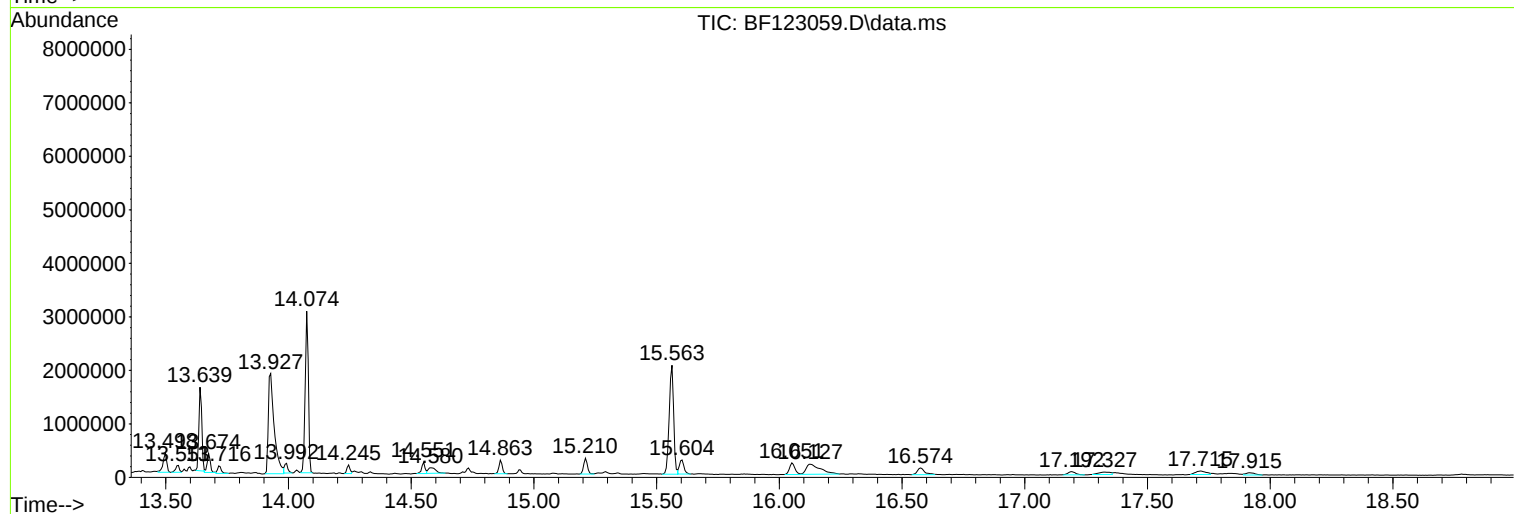
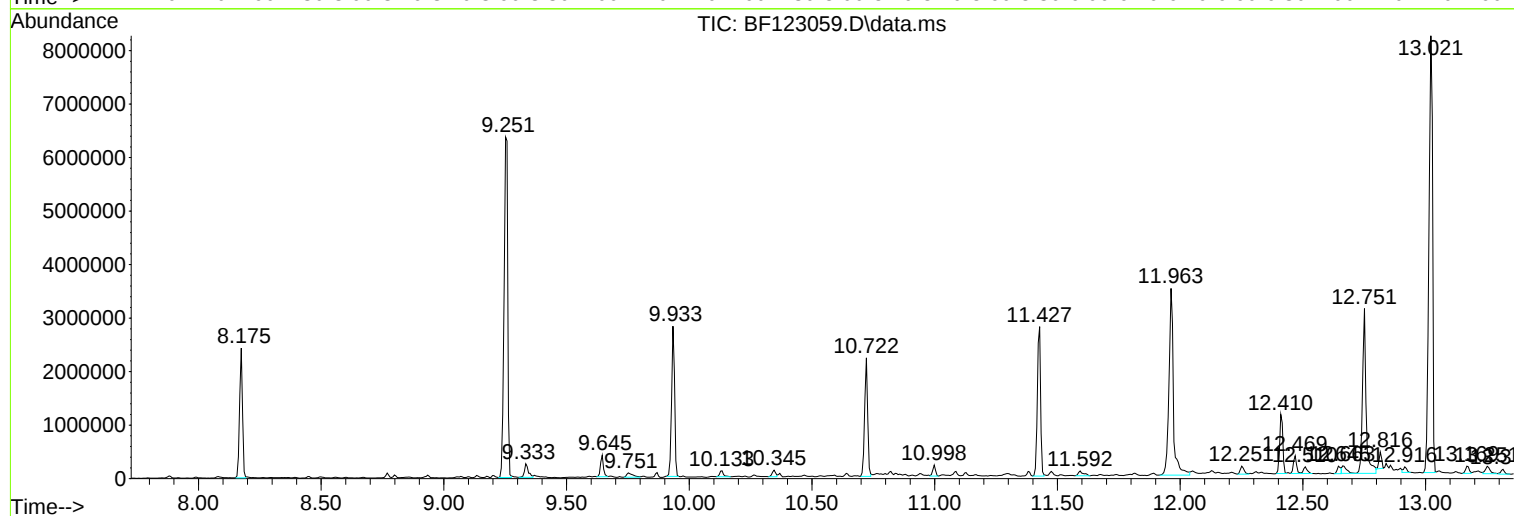
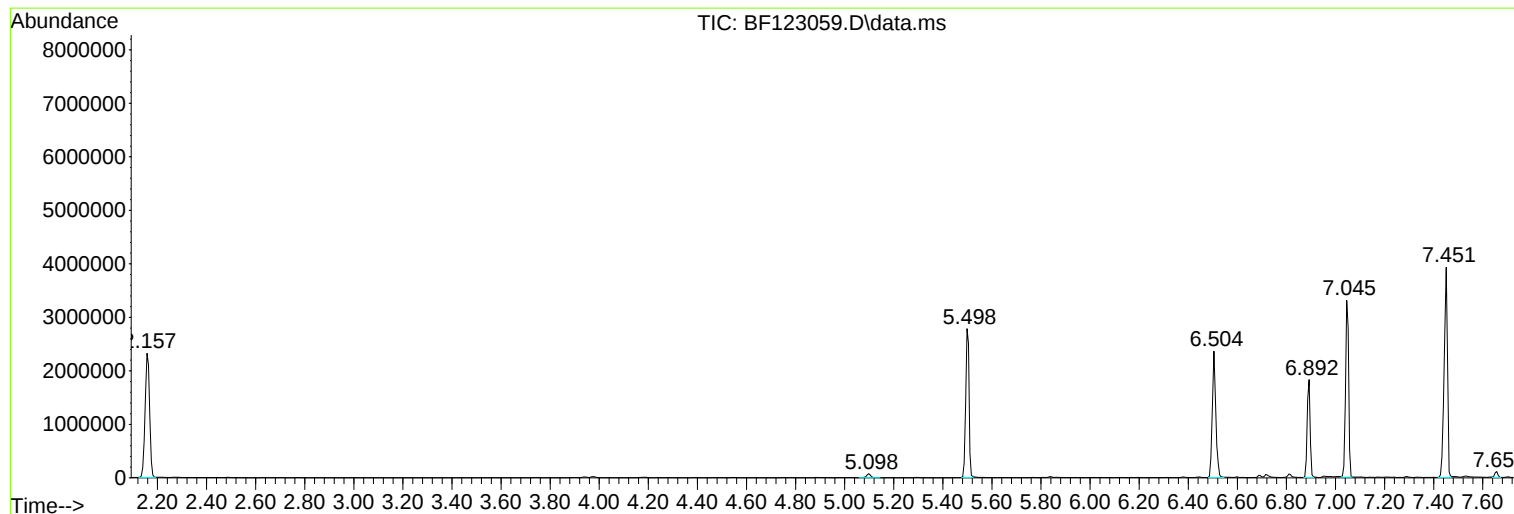
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ALS Vial : 7 Sample Multiplier: 1

Instrument :  
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ClientSampleId :  
0049-043-COMP-C-ELUTRIATE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF012721.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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Instrument :  
BNA\_F  
ClientSampleId :  
0049-043-COMP-C-ELUTRIATE

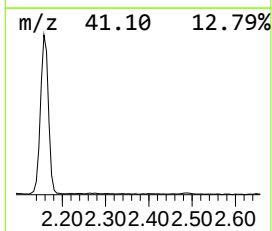
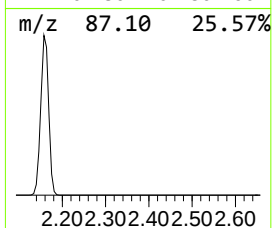
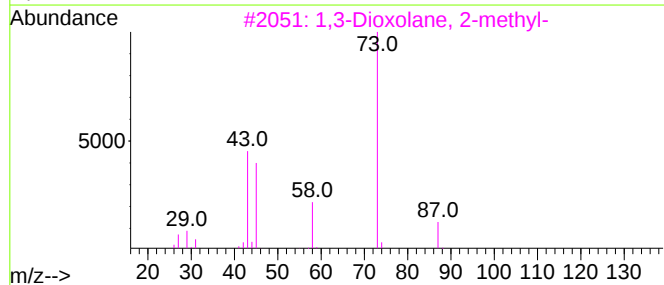
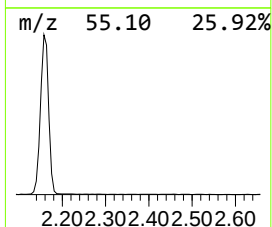
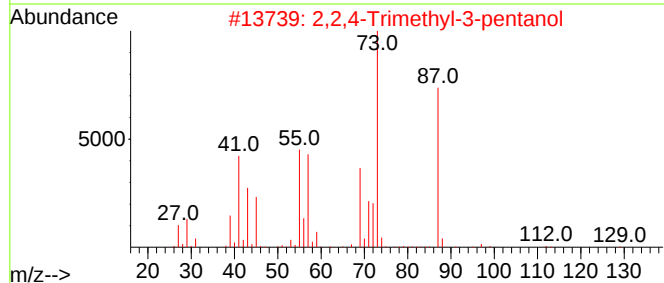
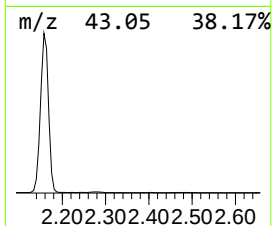
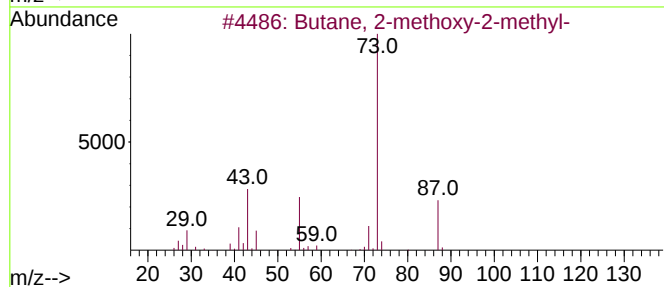
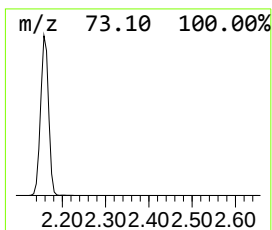
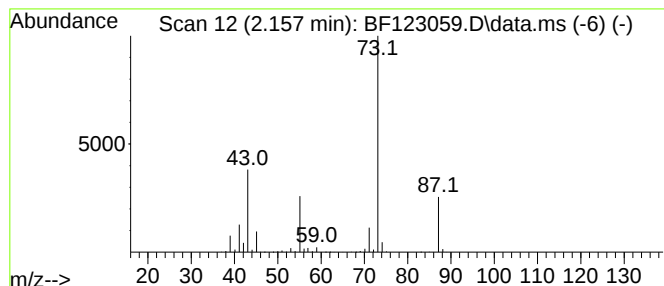
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF012721.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

| R.T.  | EstConc  | Area    | Relative to ISTD       | R.T.  |
|-------|----------|---------|------------------------|-------|
| 2.157 | 38.59 ng | 2944200 | 1,4-Dichlorobenzene-d4 | 6.892 |

| Hit# | of | 5 | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------------|-----|---------|-------------|------|
| 1    |    |   | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 83   |
| 2    |    |   | 2,2,4-Trimethyl-3-pentanol  | 130 | C8H18O  | 005162-48-1 | 39   |
| 3    |    |   | 1,3-Dioxolane, 2-methyl-    | 88  | C4H8O2  | 000497-26-7 | 37   |
| 4    |    |   | 3-Pentanol, 2,4-dimethyl-   | 116 | C7H16O  | 000600-36-2 | 37   |
| 5    |    |   | Pentane, 3-methoxy-         | 102 | C6H14O  | 036839-67-5 | 12   |



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TIC Library : C:\DATABASE\NIST11.L  
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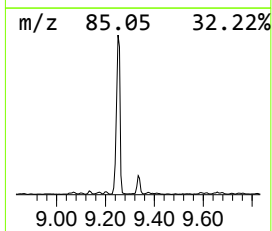
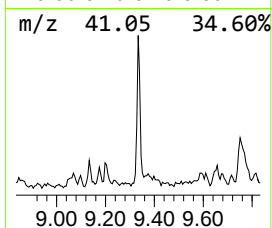
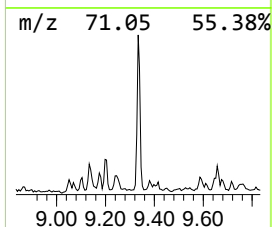
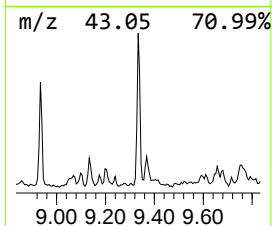
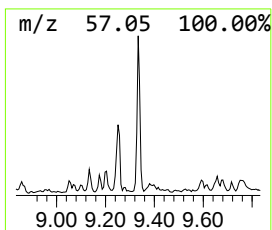
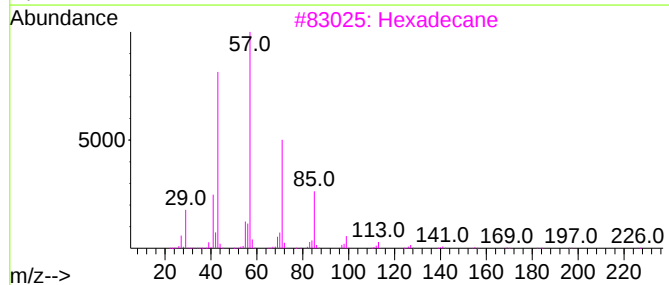
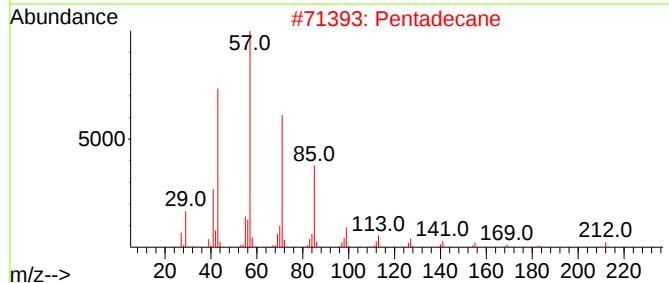
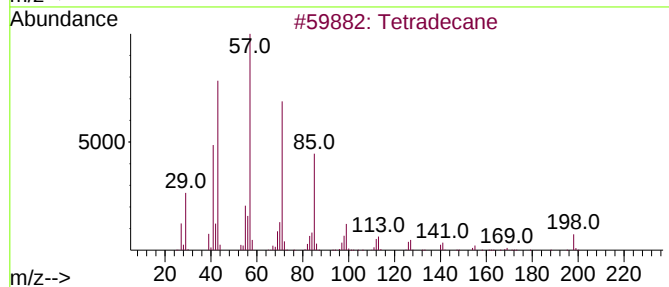
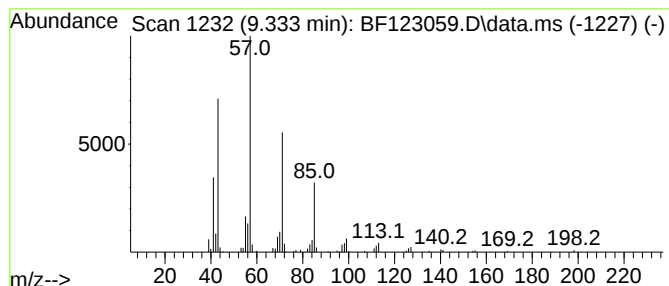
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Peak Number 3 Tetradecane Concentration Rank 12

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 9.333 | 2.34 ng | 279587 | Acenaphthene-d10 | 9.933 |

| Hit# | of 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|------|-------------------------------------|-----|-----------|--------------|------|
| 1    |      | Tetradecane                         | 198 | C14H30    | 000629-59-4  | 93   |
| 2    |      | Pentadecane                         | 212 | C15H32    | 000629-62-9  | 90   |
| 3    |      | Hexadecane                          | 226 | C16H34    | 000544-76-3  | 90   |
| 4    |      | Tridecane                           | 184 | C13H28    | 000629-50-5  | 86   |
| 5    |      | Sulfurous acid, 2-ethylhexyl hex... | 278 | C14H30O3S | 1000309-20-2 | 72   |



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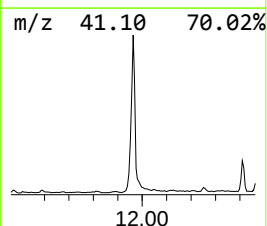
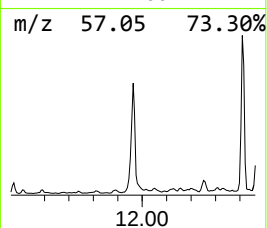
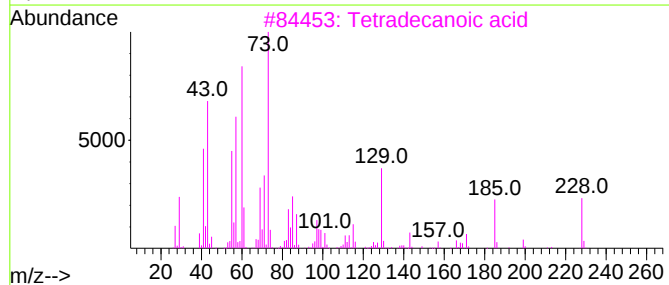
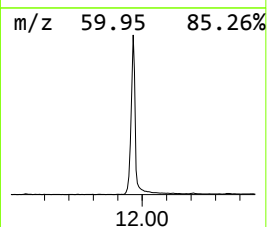
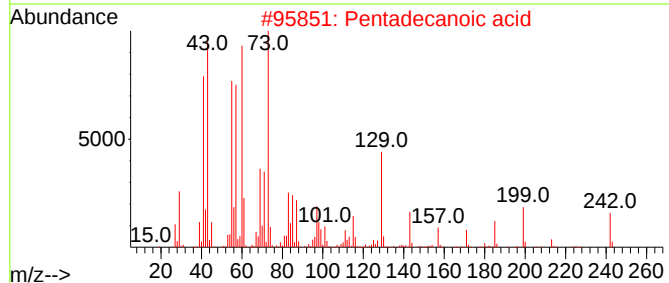
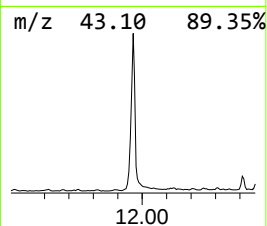
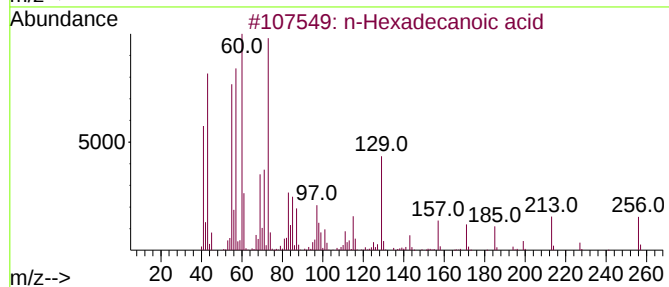
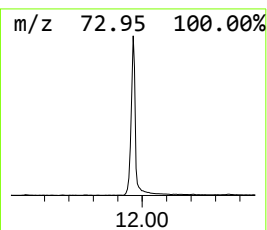
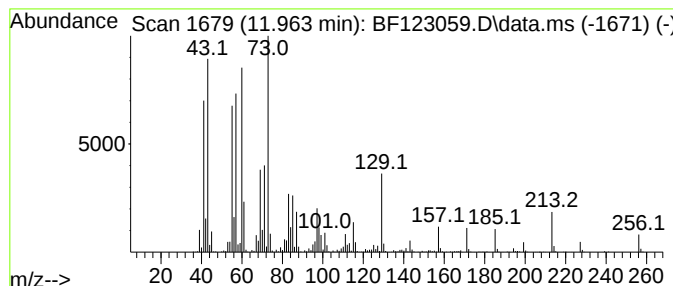
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF012721.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

| R.T.   | EstConc  | Area    | Relative to ISTD | R.T.   |
|--------|----------|---------|------------------|--------|
| 11.963 | 34.40 ng | 4393760 | Phenanthrene-d10 | 11.428 |

| Hit# | of | 5 | Tentative ID                  | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------|-----|----------|-------------|------|
| 1    |    |   | n-Hexadecanoic acid           | 256 | C16H32O2 | 000057-10-3 | 99   |
| 2    |    |   | Pentadecanoic acid            | 242 | C15H30O2 | 001002-84-2 | 93   |
| 3    |    |   | Tetradecanoic acid            | 228 | C14H28O2 | 000544-63-8 | 91   |
| 4    |    |   | Tridecanoic acid              | 214 | C13H26O2 | 000638-53-9 | 90   |
| 5    |    |   | Estra-1,3,5(10)-trien-17.β-ol | 256 | C18H24O  | 002529-64-8 | 30   |



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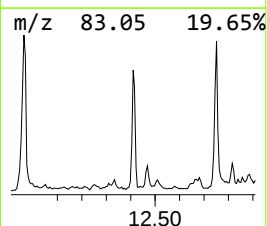
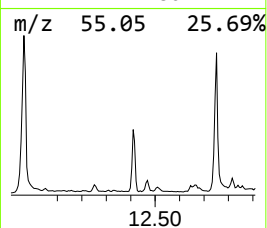
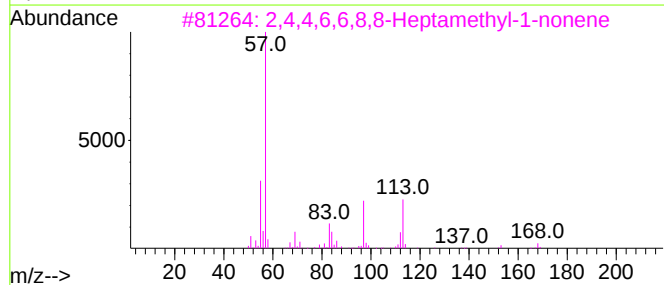
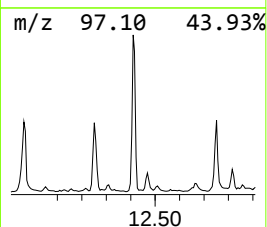
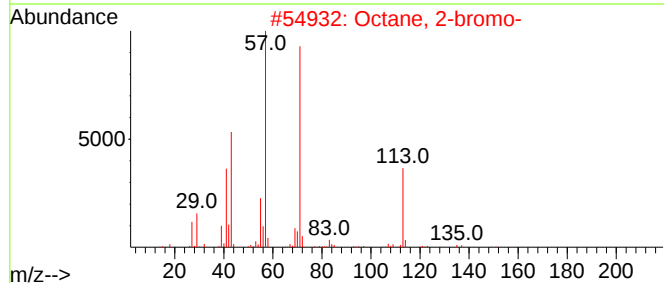
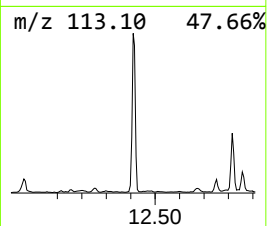
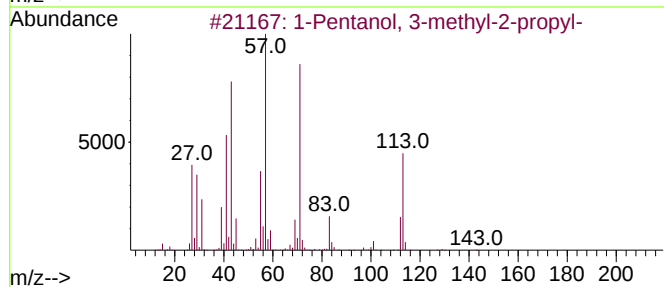
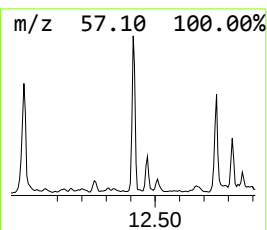
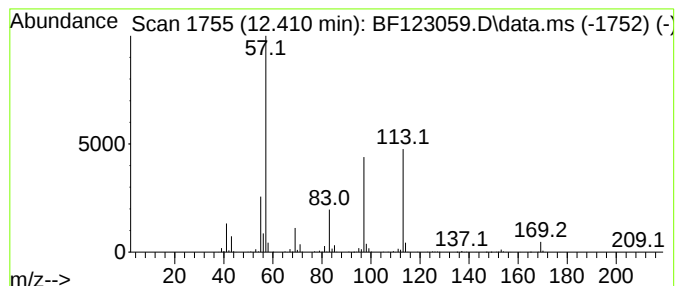
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 5 unknown12.41 Concentration Rank 7

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 12.410 | 7.61 ng | 972377 | Phenanthrene-d10 | 11.428 |

| Hit# | of | 5 | Tentative ID                       | MW  | MolForm | CAS#        | Qual |
|------|----|---|------------------------------------|-----|---------|-------------|------|
| 1    |    |   | 1-Pentanol, 3-methyl-2-propyl-     | 144 | C9H20O  | 054004-40-9 | 38   |
| 2    |    |   | Octane, 2-bromo-                   | 192 | C8H17Br | 000557-35-7 | 32   |
| 3    |    |   | 2,4,4,6,6,8,8-Heptamethyl-1-nonene | 224 | C16H32  | 015796-04-0 | 28   |
| 4    |    |   | 4,4-Dimethyl-3-oxopentanenitrile   | 125 | C7H11NO | 059997-51-2 | 25   |
| 5    |    |   | 4-Hepten-3-one, 5-methyl-, (Z)-    | 126 | C8H14O  | 020685-43-2 | 23   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF012821\  
Data File : BF123059.D  
Acq On : 28 Jan 2021 14:58  
Operator : JU/CG  
Sample : M1226-05  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
0049-043-COMP-C-ELUTRIATE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF012721.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

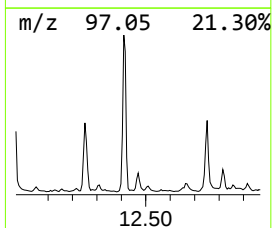
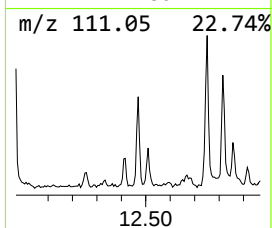
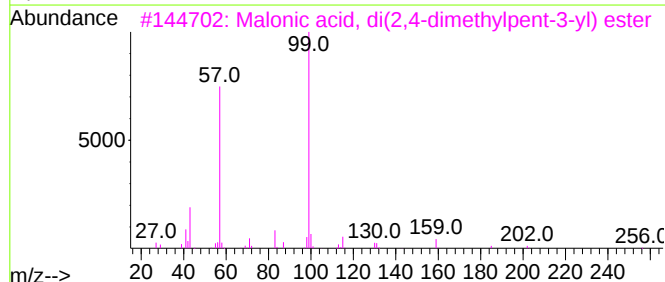
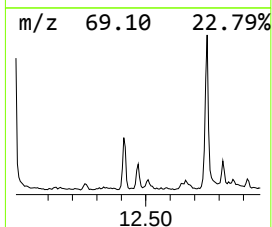
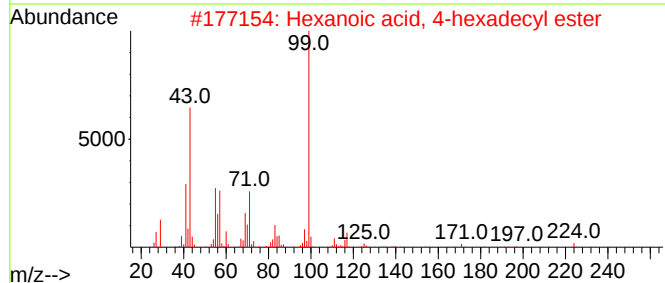
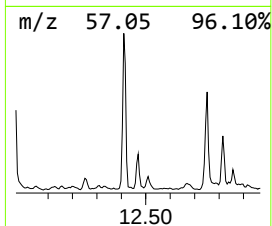
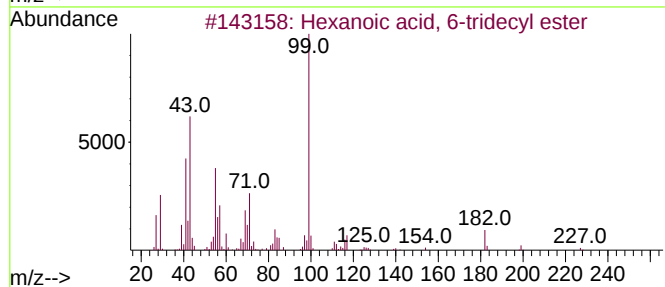
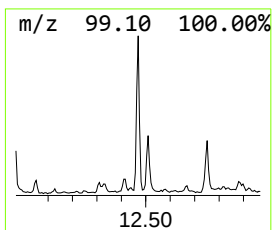
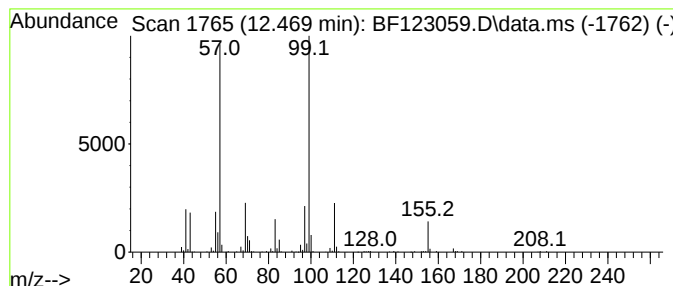
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TIC Integration Parameters: LSCINT.P

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Peak Number 6 Hexanoic acid, 6-tridecyl e... Concentration Rank 13

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 12.469 | 2.29 ng | 292331 | Phenanthrene-d10 | 11.428 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|----------|--------------|------|
| 1    |    |   | Hexanoic acid, 6-tridecyl ester     | 298 | C19H38O2 | 1000279-29-5 | 50   |
| 2    |    |   | Hexanoic acid, 4-hexadecyl ester    | 340 | C22H44O2 | 1000282-83-8 | 50   |
| 3    |    |   | Malonic acid, di(2,4-dimethylpen... | 300 | C17H32O4 | 1000349-02-5 | 50   |
| 4    |    |   | Hexanoic acid, 5-tridecyl ester     | 298 | C19H38O2 | 1000279-29-4 | 40   |
| 5    |    |   | Phthalic acid, di(2,4-dimethylpe... | 362 | C22H34O4 | 1000356-85-5 | 40   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF012821\  
Data File : BF123059.D  
Acq On : 28 Jan 2021 14:58  
Operator : JU/CG  
Sample : M1226-05  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
0049-043-COMP-C-ELUTRIATE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF012721.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

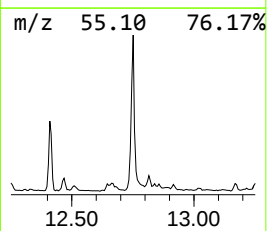
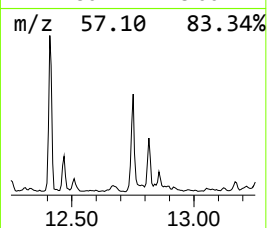
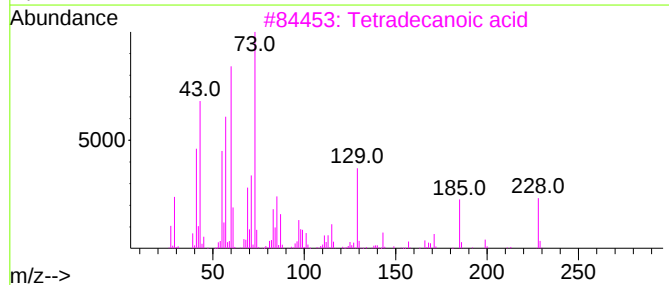
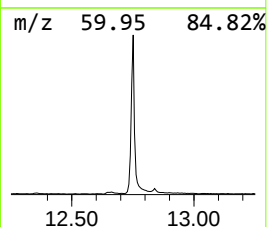
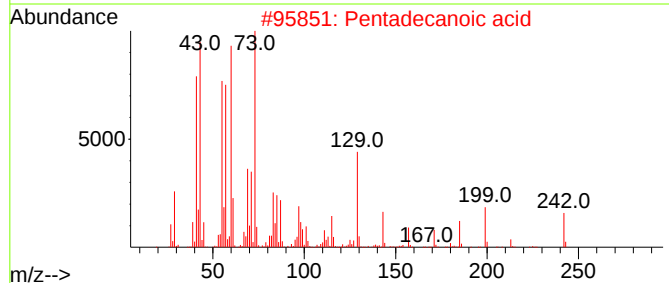
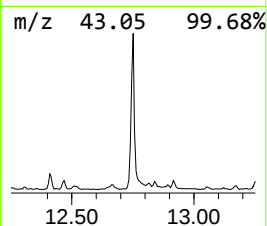
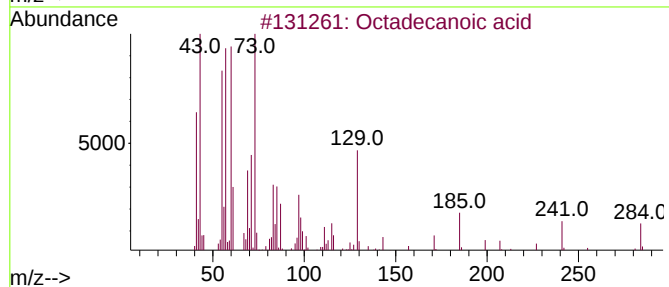
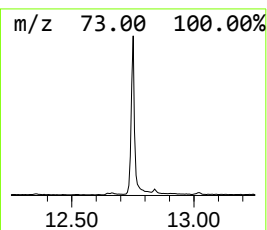
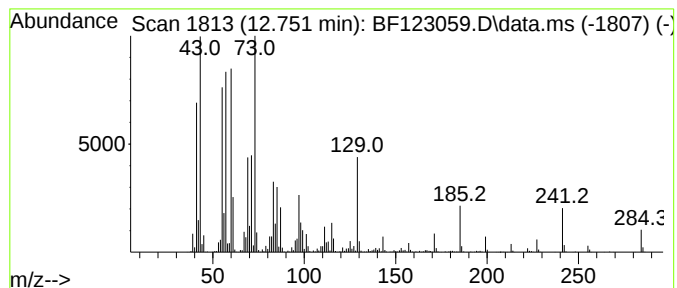
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 7 Octadecanoic acid Concentration Rank 5

| R.T.   | EstConc  | Area    | Relative to ISTD | R.T.   |
|--------|----------|---------|------------------|--------|
| 12.751 | 22.99 ng | 3118940 | Chrysene-d12     | 14.074 |

| 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 | 89   |
| 3    |    |   | Tetradecanoic acid  | 228 | C14H28O2 | 000544-63-8 | 87   |
| 4    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 81   |
| 5    |    |   | n-Decanoic acid     | 172 | C10H20O2 | 000334-48-5 | 70   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF012821\  
Data File : BF123059.D  
Acq On : 28 Jan 2021 14:58  
Operator : JU/CG  
Sample : M1226-05  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

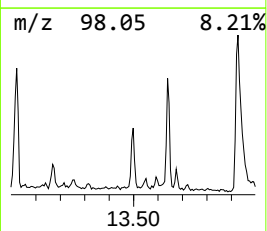
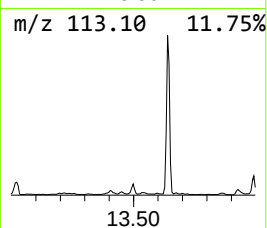
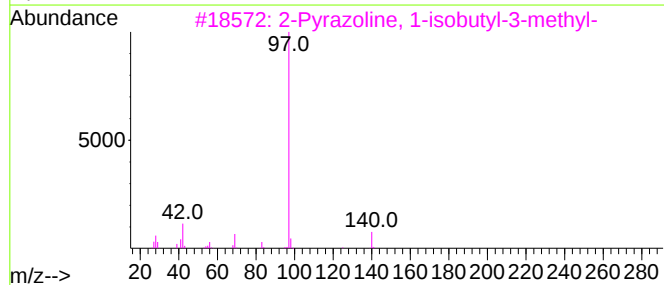
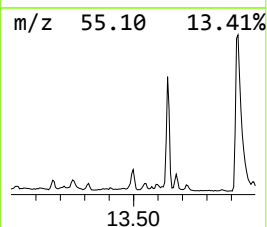
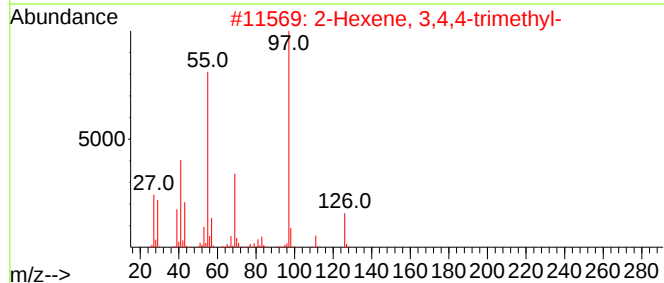
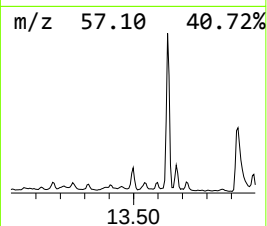
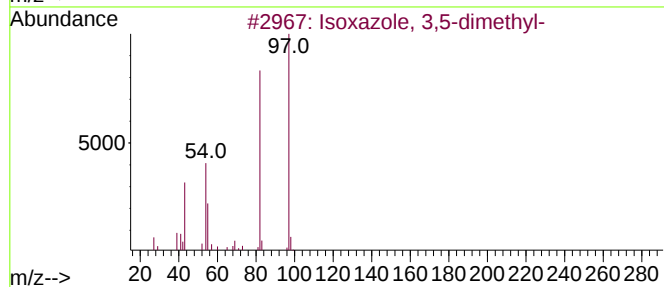
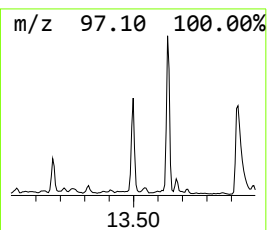
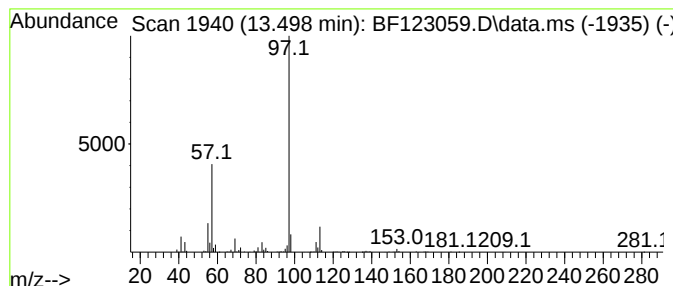
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BNA\_F  
ClientSampleId :  
0049-043-COMP-C-ELUTRIATE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF012721.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 8 Isoxazole, 3,5-dimethyl- Concentration Rank 9

| R.T.      | EstConc                             | Area   | Relative to ISTD | R.T.         |      |
|-----------|-------------------------------------|--------|------------------|--------------|------|
| 13.498    | 2.66 ng                             | 361077 | Chrysene-d12     | 14.074       |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm          | CAS#         | Qual |
| 1         | Isoxazole, 3,5-dimethyl-            | 97     | C5H7NO           | 000300-87-8  | 53   |
| 2         | 2-Hexene, 3,4,4-trimethyl-          | 126    | C9H18            | 053941-19-8  | 45   |
| 3         | 2-Pyrazoline, 1-isobutyl-3-methyl-  | 140    | C8H16N2          | 026964-53-4  | 40   |
| 4         | 1,2,4-Oxadiazol-5-amine, 3-(4-am... | 264    | C9H8N6O2S        | 1000351-26-9 | 38   |
| 5         | Sulfurous acid, cyclohexylmethyl... | 234    | C11H22O3S        | 1000309-21-3 | 36   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF012821\  
Data File : BF123059.D  
Acq On : 28 Jan 2021 14:58  
Operator : JU/CG  
Sample : M1226-05  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
0049-043-COMP-C-ELUTRIATE

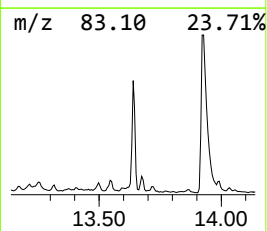
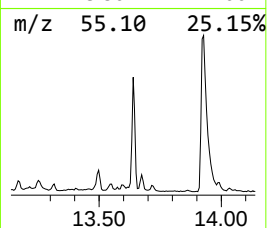
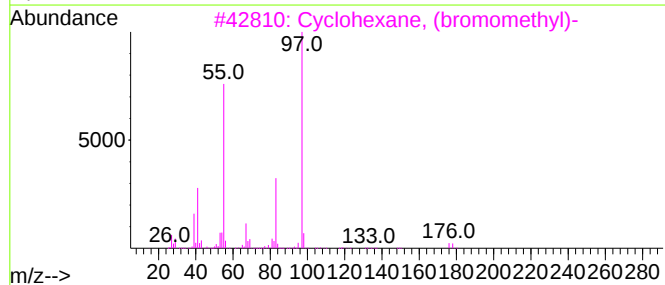
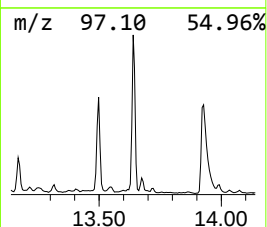
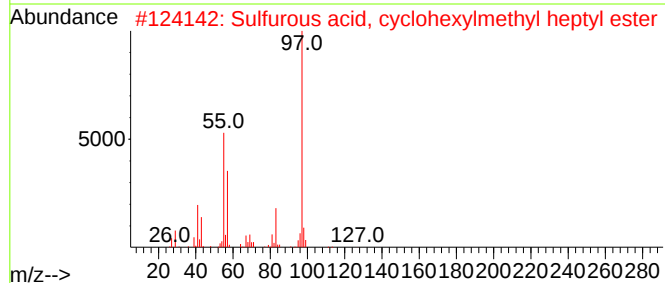
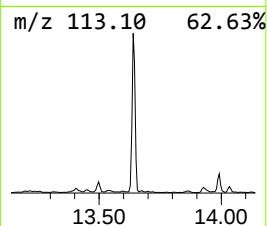
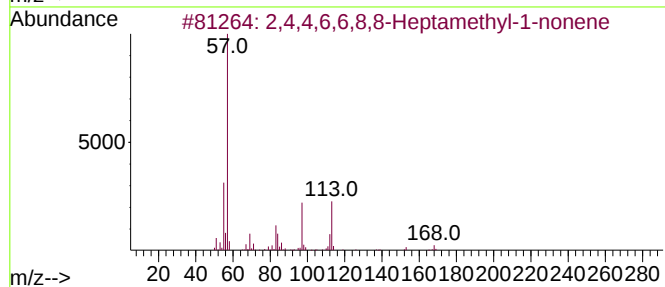
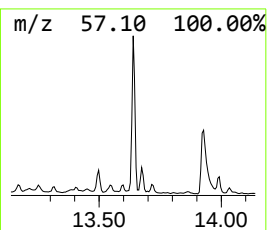
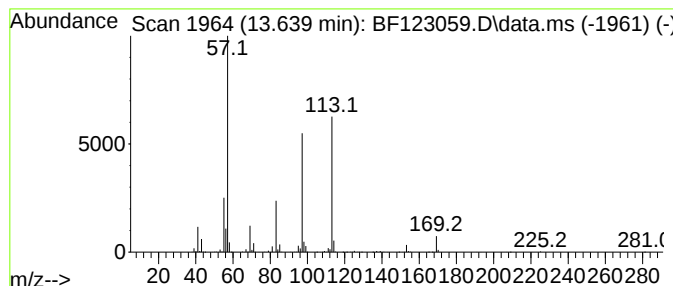
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 9 2,4,4,6,6,8,8-Heptamethyl-1... Concentration Rank 6

| R.T.   | EstConc | Area    | Relative to ISTD | R.T.   |
|--------|---------|---------|------------------|--------|
| 13.639 | 9.58 ng | 1299360 | Chrysene-d12     | 14.074 |

| Hit# | of 5                                | Tentative ID | MW        | MolForm | CAS#         | Qual |
|------|-------------------------------------|--------------|-----------|---------|--------------|------|
| 1    | 2,4,4,6,6,8,8-Heptamethyl-1-nonene  | 224          | C16H32    |         | 015796-04-0  | 83   |
| 2    | Sulfurous acid, cyclohexylmethyl... | 276          | C14H28O3S |         | 1000309-21-7 | 38   |
| 3    | Cyclohexane, (bromomethyl)-         | 176          | C7H13Br   |         | 002550-36-9  | 35   |
| 4    | 5-Nonanone, 2,2,8,8-tetramethyl-    | 198          | C13H26O   |         | 005709-95-5  | 25   |
| 5    | Oxazole, 2,4-dimethyl-              | 97           | C5H7NO    |         | 007208-05-1  | 22   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF012821\  
Data File : BF123059.D  
Acq On : 28 Jan 2021 14:58  
Operator : JU/CG  
Sample : M1226-05  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
0049-043-COMP-C-ELUTRIATE

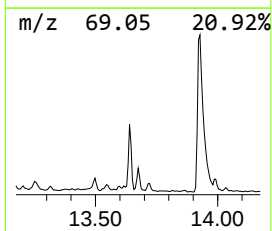
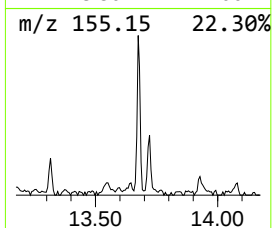
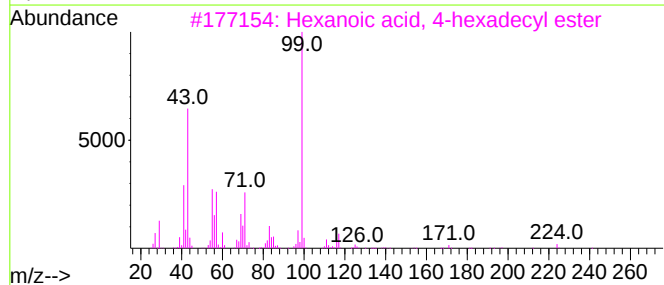
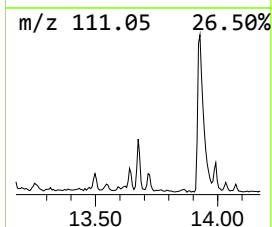
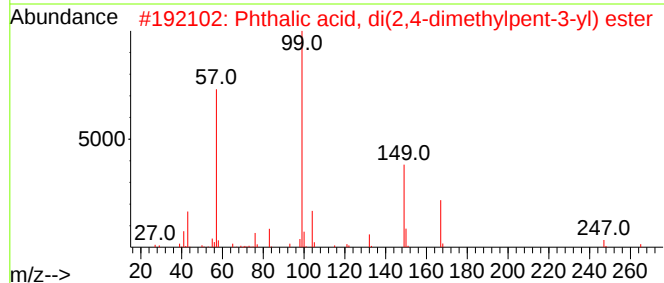
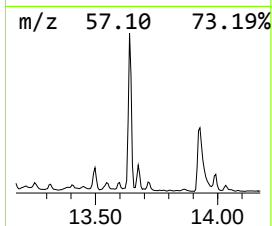
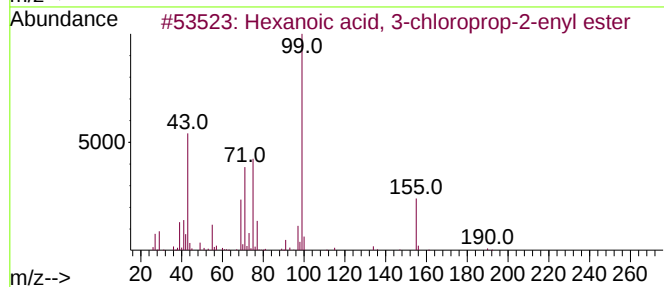
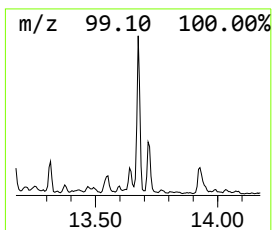
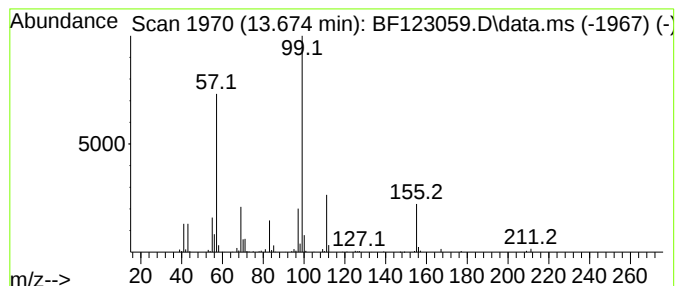
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 10 Hexanoic acid, 3-chloroprop... Concentration Rank 14

| R.T.      | EstConc                             | Area   | Relative to ISTD | R.T.         |      |
|-----------|-------------------------------------|--------|------------------|--------------|------|
| 13.674    | 2.26 ng                             | 306545 | Chrysene-d12     | 14.074       |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm          | CAS#         | Qual |
| 1         | Hexanoic acid, 3-chloroprop-2-en... | 190    | C9H15ClO2        | 1000299-36-1 | 50   |
| 2         | Phthalic acid, di(2,4-dimethylpe... | 362    | C22H34O4         | 1000356-85-5 | 40   |
| 3         | Hexanoic acid, 4-hexadecyl ester    | 340    | C22H44O2         | 1000282-83-8 | 38   |
| 4         | Succinic acid, di(2,4-dimethylpe... | 314    | C18H34O4         | 1000349-36-7 | 38   |
| 5         | 2-Propylthiazole                    | 127    | C6H9NS           | 017626-75-4  | 35   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF012821\  
Data File : BF123059.D  
Acq On : 28 Jan 2021 14:58  
Operator : JU/CG  
Sample : M1226-05  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
0049-043-COMP-C-ELUTRIATE

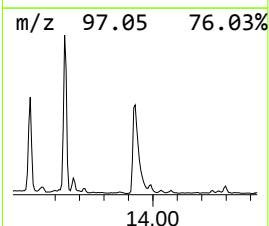
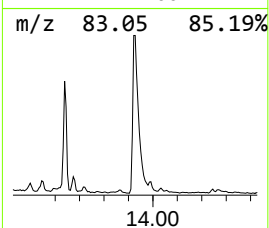
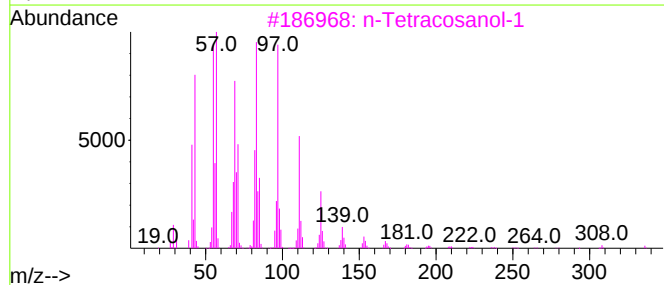
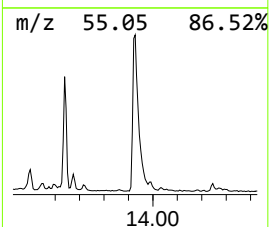
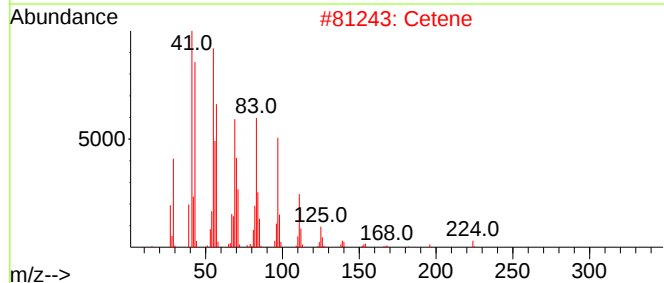
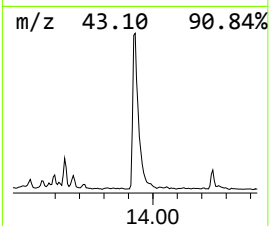
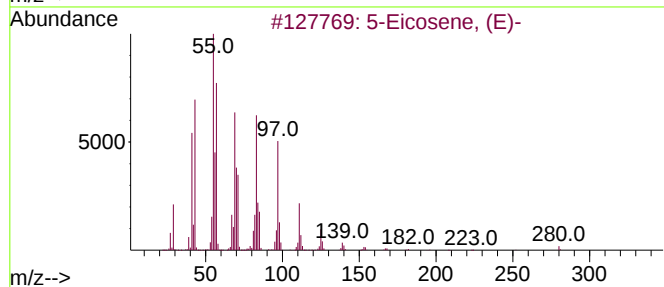
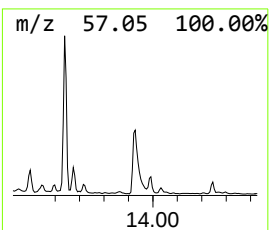
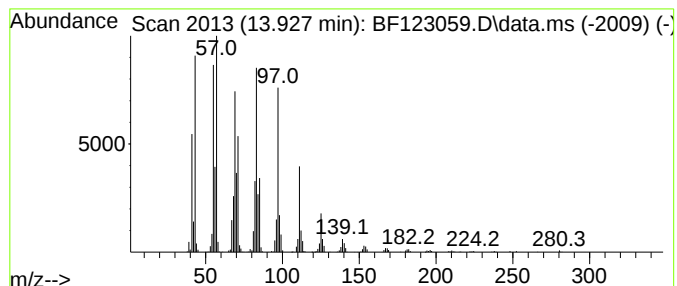
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 11 5-Eicosene, (E)- Concentration Rank 4

| R.T.   | EstConc  | Area    | Relative to ISTD | R.T.   |
|--------|----------|---------|------------------|--------|
| 13.927 | 23.15 ng | 3141450 | Chrysene-d12     | 14.074 |

| Hit# | of 5 | Tentative ID                        | MW  | MolForm     | CAS#         | Qual |
|------|------|-------------------------------------|-----|-------------|--------------|------|
| 1    |      | 5-Eicosene, (E)-                    | 280 | C20H40      | 074685-30-6  | 98   |
| 2    |      | Cetene                              | 224 | C16H32      | 000629-73-2  | 95   |
| 3    |      | n-Tetracosanol-1                    | 354 | C24H50O     | 000506-51-4  | 94   |
| 4    |      | Dichloroacetic acid, heptadecyl ... | 366 | C19H36Cl2O2 | 1000282-98-2 | 94   |
| 5    |      | 1-Heneicosanol                      | 312 | C21H44O     | 015594-90-8  | 94   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF012821\  
Data File : BF123059.D  
Acq On : 28 Jan 2021 14:58  
Operator : JU/CG  
Sample : M1226-05  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
0049-043-COMP-C-ELUTRIATE

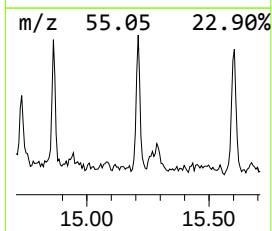
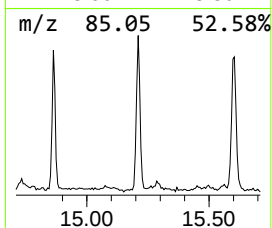
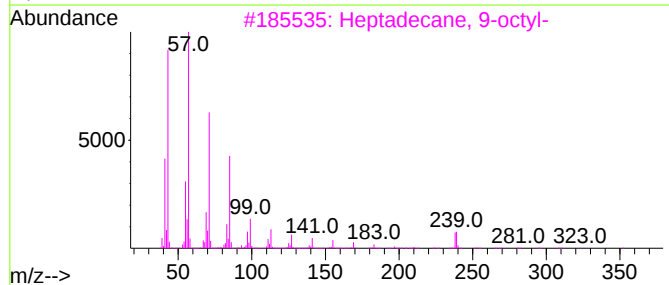
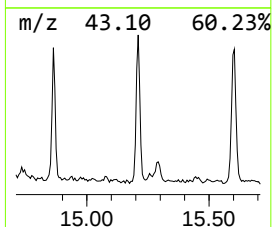
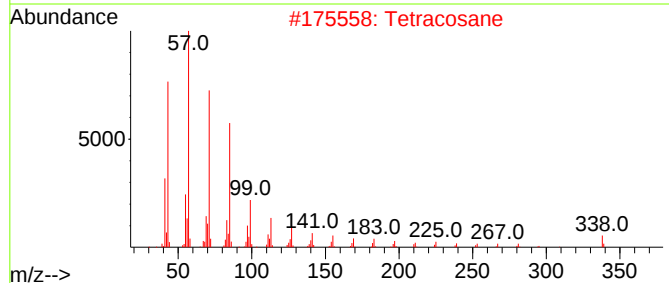
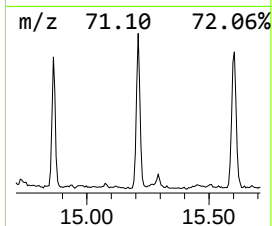
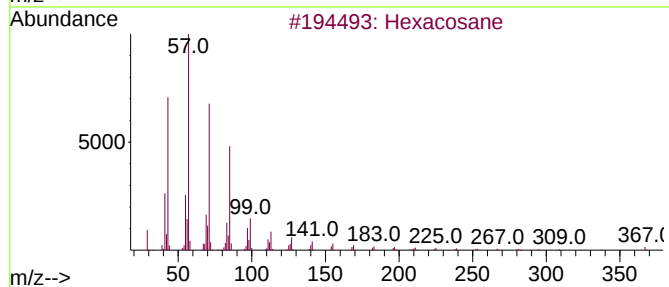
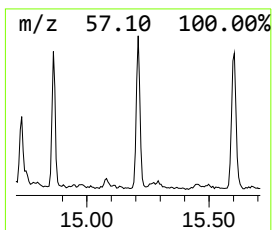
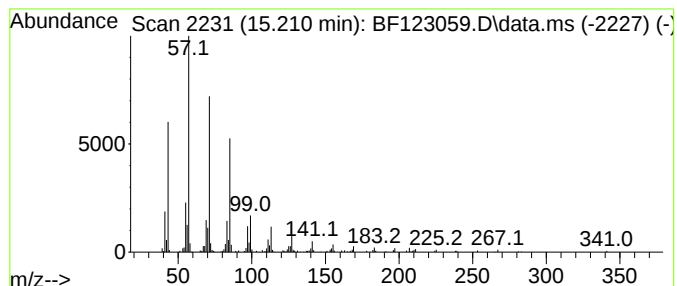
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 12 Hexacosane Concentration Rank 11

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 15.210 | 2.50 ng | 322227 | Perylene-d12     | 15.563 |

| Hit# | of 5 | Tentative ID          | MW  | MolForm | CAS#        | Qual |
|------|------|-----------------------|-----|---------|-------------|------|
| 1    |      | Hexacosane            | 366 | C26H54  | 000630-01-3 | 94   |
| 2    |      | Tetracosane           | 338 | C24H50  | 000646-31-1 | 91   |
| 3    |      | Heptadecane, 9-octyl- | 352 | C25H52  | 007225-64-1 | 91   |
| 4    |      | Heneicosane           | 296 | C21H44  | 000629-94-7 | 91   |
| 5    |      | Tetratetracontane     | 619 | C44H90  | 007098-22-8 | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF012821\  
Data File : BF123059.D  
Acq On : 28 Jan 2021 14:58  
Operator : JU/CG  
Sample : M1226-05  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
0049-043-COMP-C-ELUTRIATE

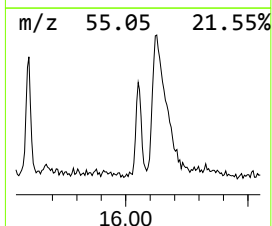
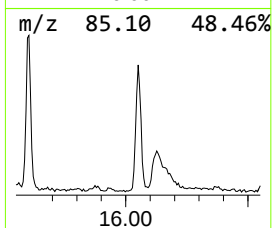
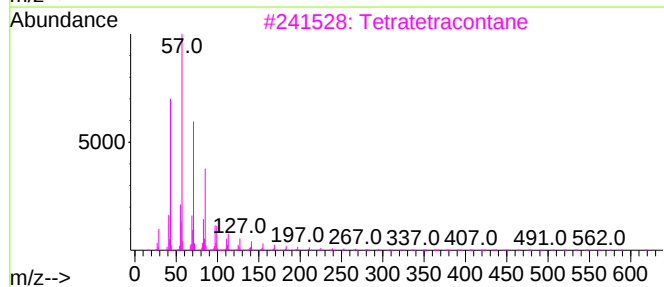
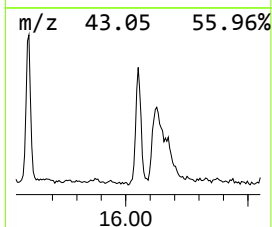
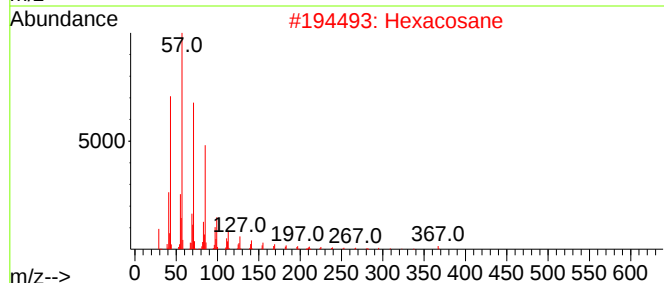
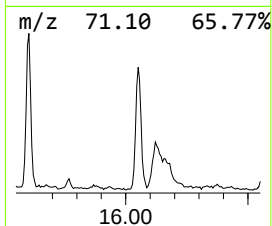
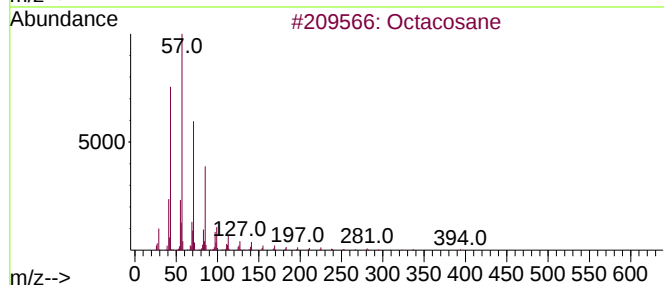
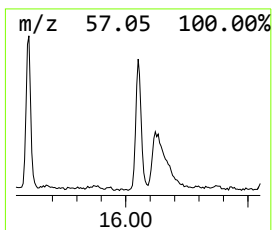
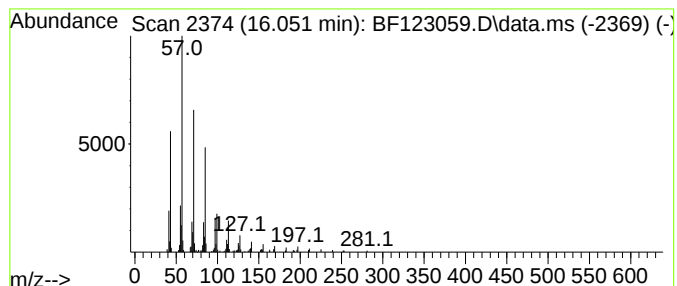
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 13 Octacosane Concentration Rank 10

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 16.051 | 2.61 ng | 336538 | Perylene-d12     | 15.563 |

| Hit# | of | 5 | Tentative ID       | MW  | MolForm | CAS#         | Qual |
|------|----|---|--------------------|-----|---------|--------------|------|
| 1    |    |   | Octacosane         | 394 | C28H58  | 000630-02-4  | 91   |
| 2    |    |   | Hexacosane         | 366 | C26H54  | 000630-01-3  | 91   |
| 3    |    |   | Tetratetracontane  | 619 | C44H90  | 007098-22-8  | 91   |
| 4    |    |   | 2-methyloctacosane | 408 | C29H60  | 1000376-72-8 | 91   |
| 5    |    |   | Heneicosane        | 296 | C21H44  | 000629-94-7  | 90   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF012821\  
Data File : BF123059.D  
Acq On : 28 Jan 2021 14:58  
Operator : JU/CG  
Sample : M1226-05  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
0049-043-COMP-C-ELUTRIATE

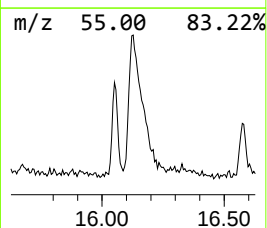
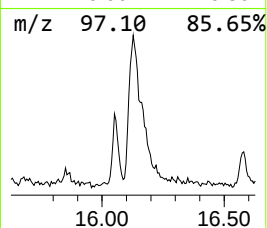
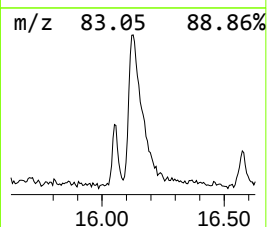
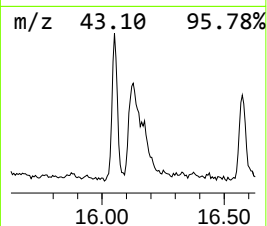
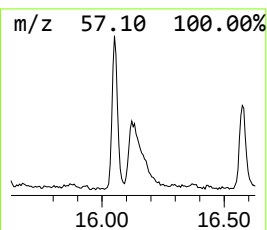
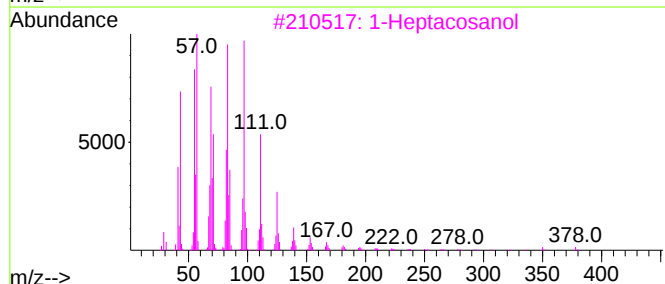
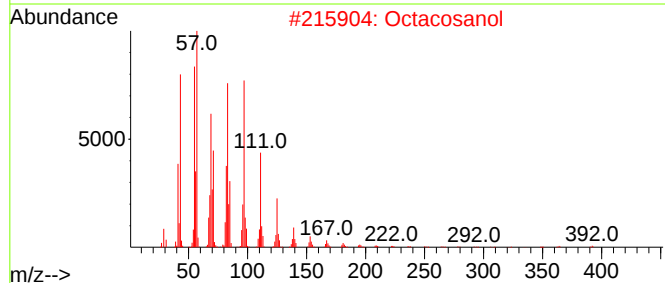
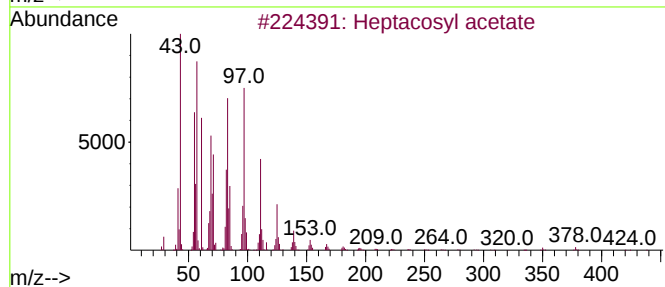
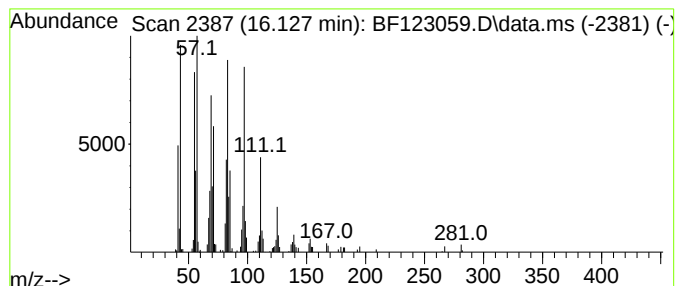
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 14 Heptacosyl acetate Concentration Rank 8

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 16.127 | 5.78 ng | 746368 | Perylene-d12     | 15.563 |

| Hit# | of | 5 | Tentative ID       | MW  | MolForm  | CAS#         | Qual |
|------|----|---|--------------------|-----|----------|--------------|------|
| 1    |    |   | Heptacosyl acetate | 438 | C29H58O2 | 1000351-78-2 | 95   |
| 2    |    |   | Octacosanol        | 410 | C28H58O  | 000557-61-9  | 95   |
| 3    |    |   | 1-Heptacosanol     | 396 | C27H56O  | 002004-39-9  | 94   |
| 4    |    |   | Triacontyl acetate | 480 | C32H64O2 | 041755-58-2  | 94   |
| 5    |    |   | 1-Heneicosanol     | 312 | C21H44O  | 015594-90-8  | 93   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF012821\  
Data File : BF123059.D  
Acq On : 28 Jan 2021 14:58  
Operator : JU/CG  
Sample : M1226-05  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
0049-043-COMP-C-ELUTRIATE

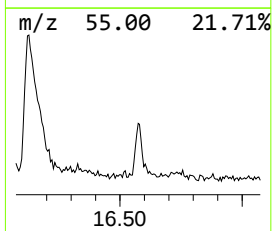
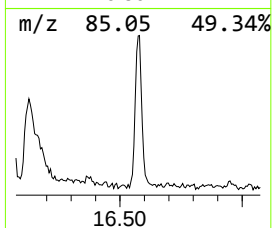
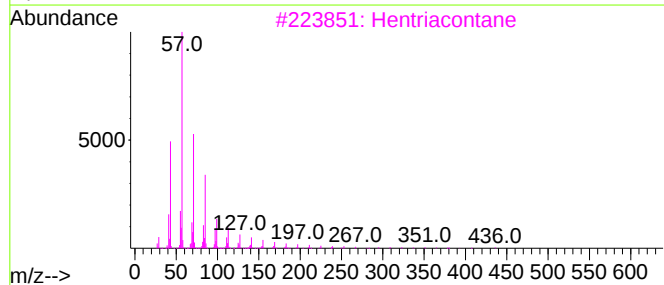
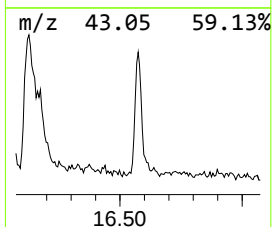
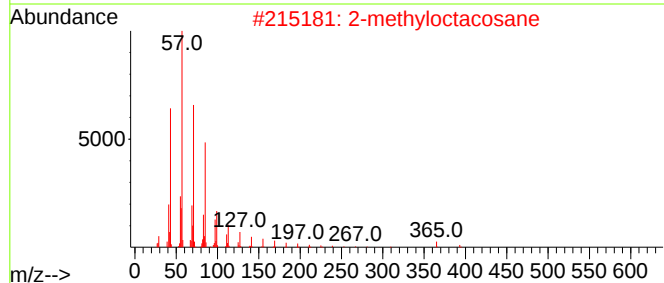
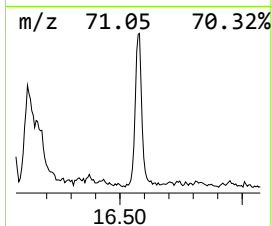
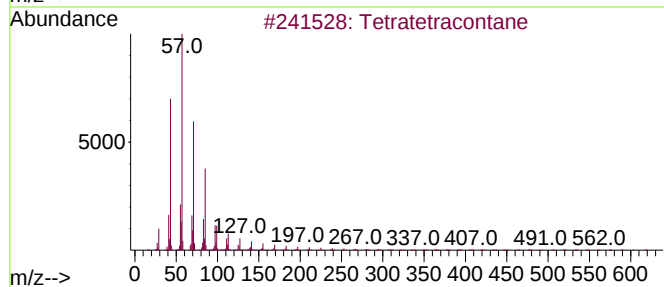
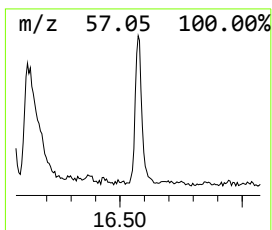
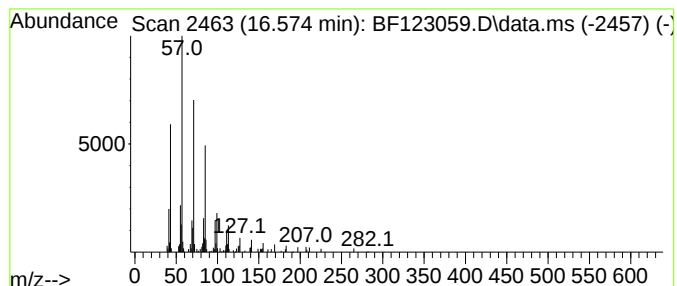
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 15 Tetratetracontane Concentration Rank 15

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 16.574 | 2.01 ng | 259064 | Perylene-d12     | 15.563 |

| Hit# | of | 5 | Tentative ID       | MW  | MolForm | CAS#         | Qual |
|------|----|---|--------------------|-----|---------|--------------|------|
| 1    |    |   | Tetratetracontane  | 619 | C44H90  | 007098-22-8  | 91   |
| 2    |    |   | 2-methyloctacosane | 408 | C29H60  | 1000376-72-8 | 91   |
| 3    |    |   | Hentriacontane     | 437 | C31H64  | 000630-04-6  | 91   |
| 4    |    |   | Octacosane         | 394 | C28H58  | 000630-02-4  | 90   |
| 5    |    |   | Hexacosane         | 366 | C26H54  | 000630-01-3  | 90   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF012821\  
 Data File : BF123059.D  
 Acq On : 28 Jan 2021 14:58  
 Operator : JU/CG  
 Sample : M1226-05  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 0049-043-COMP-C-ELUTRIATE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF012721.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 |
| Butane, 2-metho... | 2.157  | 38.6    | ng    | 2944200  | 1                     | 6.892  | 1525920 | 20.0 |
| Tetradecane        | 9.333  | 2.3     | ng    | 279587   | 3                     | 9.933  | 2391530 | 20.0 |
| n-Hexadecanoic ... | 11.963 | 34.4    | ng    | 4393760  | 4                     | 11.428 | 2554350 | 20.0 |
| unknown12.41       | 12.410 | 7.6     | ng    | 972377   | 4                     | 11.428 | 2554350 | 20.0 |
| Hexanoic acid, ... | 12.469 | 2.3     | ng    | 292331   | 4                     | 11.428 | 2554350 | 20.0 |
| Octadecanoic acid  | 12.751 | 23.0    | ng    | 3118940  | 5                     | 14.074 | 2713690 | 20.0 |
| Isoxazole, 3,5-... | 13.498 | 2.7     | ng    | 361077   | 5                     | 14.074 | 2713690 | 20.0 |
| 2,4,4,6,6,8,8-H... | 13.639 | 9.6     | ng    | 1299360  | 5                     | 14.074 | 2713690 | 20.0 |
| Hexanoic acid, ... | 13.674 | 2.3     | ng    | 306545   | 5                     | 14.074 | 2713690 | 20.0 |
| 5-Eicosene, (E)-   | 13.927 | 23.1    | ng    | 3141450  | 5                     | 14.074 | 2713690 | 20.0 |
| Hexacosane         | 15.210 | 2.5     | ng    | 322227   | 6                     | 15.563 | 2581400 | 20.0 |
| Octacosane         | 16.051 | 2.6     | ng    | 336538   | 6                     | 15.563 | 2581400 | 20.0 |
| Heptacosyl acetate | 16.127 | 5.8     | ng    | 746368   | 6                     | 15.563 | 2581400 | 20.0 |
| Tetratetracontane  | 16.574 | 2.0     | ng    | 259064   | 6                     | 15.563 | 2581400 | 20.0 |