

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF112520\  
 Data File : BF122479.D  
 Acq On : 25 Nov 2020 12:12  
 Operator : JU/CG  
 Sample : L4801-01  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 EFF-WW

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-BF110920.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF122479.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          | 28           | rVB      | 2031570        | 2885667       | 23.80%          | 1.588%        |
| 2         | 2.275       | 28            | 32          | 41           | rVB      | 176906         | 256029        | 2.11%           | 0.141%        |
| 3         | 2.457       | 56            | 63          | 69           | rBV2     | 351951         | 571087        | 4.71%           | 0.314%        |
| 4         | 3.075       | 161           | 168         | 178          | rVB2     | 118517         | 202828        | 1.67%           | 0.112%        |
| 5         | 3.692       | 268           | 273         | 278          | rBV      | 127091         | 180017        | 1.48%           | 0.099%        |
| 6         | 4.451       | 397           | 402         | 406          | rBV      | 240579         | 290178        | 2.39%           | 0.160%        |
| 7         | 4.498       | 406           | 410         | 417          | rVB      | 817858         | 1138549       | 9.39%           | 0.627%        |
| 8         | 4.622       | 423           | 431         | 434          | rBV      | 1607458        | 2115505       | 17.45%          | 1.164%        |
| 9         | 5.439       | 564           | 570         | 576          | rBV      | 1957408        | 3227018       | 26.62%          | 1.776%        |
| 10        | 5.492       | 576           | 579         | 582          | rVB      | 2168766        | 1826805       | 15.07%          | 1.005%        |
| 11        | 5.651       | 603           | 606         | 610          | rVB      | 230004         | 201507        | 1.66%           | 0.111%        |
| 12        | 5.845       | 636           | 639         | 649          | rVB      | 549069         | 475421        | 3.92%           | 0.262%        |
| 13        | 6.010       | 662           | 667         | 670          | rBV      | 6538352        | 6601921       | 54.46%          | 3.633%        |
| 14        | 6.486       | 741           | 748         | 752          | rBV2     | 1346661        | 1578852       | 13.02%          | 0.869%        |
| 15        | 6.604       | 752           | 768         | 773          | rVB3     | 583384         | 2302090       | 18.99%          | 1.267%        |
| 16        | 6.857       | 807           | 811         | 814          | rBV      | 1413054        | 1304228       | 10.76%          | 0.718%        |
| 17        | 6.928       | 818           | 823         | 833          | rBV      | 3059493        | 3249728       | 26.81%          | 1.788%        |
| 18        | 7.016       | 833           | 838         | 841          | rVV      | 5305777        | 4977644       | 41.06%          | 2.739%        |
| 19        | 7.239       | 871           | 876         | 887          | rVB      | 890260         | 1077193       | 8.89%           | 0.593%        |
| 20        | 7.422       | 897           | 907         | 910          | rBV      | 4166705        | 4563774       | 37.64%          | 2.511%        |
| 21        | 7.469       | 910           | 915         | 918          | rVV      | 1353367        | 1134933       | 9.36%           | 0.625%        |
| 22        | 7.610       | 918           | 939         | 941          | rVV2     | 3149770        | 4850784       | 40.01%          | 2.669%        |
| 23        | 7.704       | 951           | 955         | 959          | rVB2     | 194942         | 207874        | 1.71%           | 0.114%        |
| 24        | 8.027       | 979           | 1010        | 1016         | rBV2     | 2427172        | 12123536      | 100.00%         | 6.671%        |
| 25        | 8.139       | 1024          | 1029        | 1032         | rBV      | 1865642        | 1550885       | 12.79%          | 0.853%        |
| 26        | 8.786       | 1132          | 1139        | 1142         | rBV      | 508111         | 585111        | 4.83%           | 0.322%        |
| 27        | 8.845       | 1142          | 1149        | 1150         | rVV      | 681615         | 1013685       | 8.36%           | 0.558%        |
| 28        | 8.857       | 1150          | 1151        | 1154         | rVV      | 763369         | 395415        | 3.26%           | 0.218%        |
| 29        | 9.074       | 1181          | 1188        | 1191         | rBV      | 617785         | 701854        | 5.79%           | 0.386%        |
| 30        | 9.222       | 1203          | 1213        | 1216         | rBV      | 7413085        | 8517183       | 70.25%          | 4.687%        |
| 31        | 9.298       | 1220          | 1226        | 1228         | rBV3     | 117603         | 183238        | 1.51%           | 0.101%        |
| 32        | 9.610       | 1275          | 1279        | 1282         | rVB      | 478014         | 387168        | 3.19%           | 0.213%        |
| 33        | 9.845       | 1310          | 1319        | 1323         | rBV      | 612216         | 914347        | 7.54%           | 0.503%        |
| 34        | 9.892       | 1323          | 1327        | 1330         | rVV      | 2231223        | 2343248       | 19.33%          | 1.289%        |
| 35        | 9.951       | 1334          | 1337        | 1346         | rVB4     | 101214         | 191799        | 1.58%           | 0.106%        |
| 36        | 10.133      | 1358          | 1368        | 1371         | rBV      | 2185444        | 3594632       | 29.65%          | 1.978%        |

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 ClientSampleId :  
 EFF-WW

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-BF110920.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|    |        |      |      |      |      |         |          |        |        |
|----|--------|------|------|------|------|---------|----------|--------|--------|
| 37 | 10.686 | 1457 | 1462 | 1465 | rBV  | 2814936 | 2867010  | 23.65% | 1.578% |
| 38 | 10.810 | 1476 | 1483 | 1486 | rVV5 | 362337  | 658484   | 5.43%  | 0.362% |
| 39 | 10.839 | 1486 | 1488 | 1493 | rVV  | 316488  | 325039   | 2.68%  | 0.179% |
| 40 | 10.921 | 1499 | 1502 | 1504 | rVV  | 2024218 | 1983389  | 16.36% | 1.091% |
| 41 | 10.951 | 1504 | 1507 | 1510 | rVV  | 4365481 | 4871890  | 40.19% | 2.681% |
| 42 | 10.980 | 1510 | 1512 | 1519 | rVV  | 2330017 | 2733392  | 22.55% | 1.504% |
| 43 | 11.051 | 1520 | 1524 | 1527 | rVV  | 534435  | 585294   | 4.83%  | 0.322% |
| 44 | 11.104 | 1531 | 1533 | 1544 | rVB2 | 146964  | 250446   | 2.07%  | 0.138% |
| 45 | 11.257 | 1556 | 1559 | 1568 | rVB2 | 261547  | 398798   | 3.29%  | 0.219% |
| 46 | 11.339 | 1568 | 1573 | 1576 | rBV2 | 149381  | 175225   | 1.45%  | 0.096% |
| 47 | 11.380 | 1576 | 1580 | 1584 | rBV  | 2143979 | 1802838  | 14.87% | 0.992% |
| 48 | 11.668 | 1625 | 1629 | 1635 | rBV2 | 227031  | 299784   | 2.47%  | 0.165% |
| 49 | 11.774 | 1644 | 1647 | 1650 | rVB  | 502159  | 386525   | 3.19%  | 0.213% |
| 50 | 11.839 | 1654 | 1658 | 1663 | rBV3 | 121691  | 212887   | 1.76%  | 0.117% |
| 51 | 11.921 | 1665 | 1672 | 1675 | rBV  | 2128263 | 2686785  | 22.16% | 1.478% |
| 52 | 11.968 | 1675 | 1680 | 1689 | rVB  | 2345611 | 2779697  | 22.93% | 1.530% |
| 53 | 12.163 | 1710 | 1713 | 1716 | rBV  | 2820319 | 2480045  | 20.46% | 1.365% |
| 54 | 12.227 | 1716 | 1724 | 1731 | rBV7 | 338318  | 1046048  | 8.63%  | 0.576% |
| 55 | 12.392 | 1749 | 1752 | 1755 | rVV3 | 321470  | 409940   | 3.38%  | 0.226% |
| 56 | 12.445 | 1759 | 1761 | 1762 | rVV  | 352526  | 275524   | 2.27%  | 0.152% |
| 57 | 12.486 | 1762 | 1768 | 1776 | rVB  | 4348243 | 5134689  | 42.35% | 2.826% |
| 58 | 12.574 | 1779 | 1783 | 1786 | rBV  | 3499825 | 3083102  | 25.43% | 1.697% |
| 59 | 12.633 | 1791 | 1793 | 1799 | rVV2 | 612540  | 763943   | 6.30%  | 0.420% |
| 60 | 12.692 | 1799 | 1803 | 1804 | rVV  | 1154498 | 1307563  | 10.79% | 0.720% |
| 61 | 12.715 | 1804 | 1807 | 1813 | rVV  | 2637857 | 3336693  | 27.52% | 1.836% |
| 62 | 12.762 | 1813 | 1815 | 1818 | rVV  | 309531  | 368106   | 3.04%  | 0.203% |
| 63 | 12.845 | 1821 | 1829 | 1831 | rVV  | 9637932 | 12055528 | 99.44% | 6.634% |
| 64 | 12.862 | 1831 | 1832 | 1838 | rVV2 | 1094093 | 946967   | 7.81%  | 0.521% |
| 65 | 12.927 | 1838 | 1843 | 1846 | rVV2 | 8318820 | 8694211  | 71.71% | 4.784% |
| 66 | 12.980 | 1846 | 1852 | 1854 | rVV  | 7272415 | 7969733  | 65.74% | 4.386% |
| 67 | 13.198 | 1884 | 1889 | 1896 | rVB  | 1268943 | 1523061  | 12.56% | 0.838% |
| 68 | 13.280 | 1900 | 1903 | 1907 | rBV2 | 1157678 | 1354617  | 11.17% | 0.745% |
| 69 | 13.368 | 1912 | 1918 | 1919 | rBV  | 468632  | 480913   | 3.97%  | 0.265% |
| 70 | 13.386 | 1919 | 1921 | 1924 | rVB  | 474628  | 362374   | 2.99%  | 0.199% |
| 71 | 13.545 | 1941 | 1948 | 1951 | rBV  | 514193  | 792082   | 6.53%  | 0.436% |
| 72 | 13.609 | 1955 | 1959 | 1961 | rBV  | 542152  | 489250   | 4.04%  | 0.269% |
| 73 | 13.639 | 1961 | 1964 | 1967 | rVB  | 820435  | 704110   | 5.81%  | 0.387% |
| 74 | 13.668 | 1967 | 1969 | 1971 | rBV  | 575182  | 556812   | 4.59%  | 0.306% |
| 75 | 13.721 | 1976 | 1978 | 1983 | rVB3 | 158337  | 183818   | 1.52%  | 0.101% |
| 76 | 13.880 | 2000 | 2005 | 2008 | rBV  | 8188655 | 8358192  | 68.94% | 4.599% |

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 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 EFF-WW

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-BF110920.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|     |        |      |      |      |      |         |         |        |        |
|-----|--------|------|------|------|------|---------|---------|--------|--------|
| 77  | 13.980 | 2019 | 2022 | 2024 | rBV  | 697364  | 539351  | 4.45%  | 0.297% |
| 78  | 14.021 | 2024 | 2029 | 2035 | rVB  | 1705154 | 2094679 | 17.28% | 1.153% |
| 79  | 14.186 | 2055 | 2057 | 2063 | rVV3 | 119454  | 196852  | 1.62%  | 0.108% |
| 80  | 14.498 | 2106 | 2110 | 2114 | rBV  | 3728052 | 3533315 | 29.14% | 1.944% |
| 81  | 14.556 | 2114 | 2120 | 2125 | rVV  | 493545  | 807636  | 6.66%  | 0.444% |
| 82  | 14.604 | 2125 | 2128 | 2132 | rVB  | 214005  | 279241  | 2.30%  | 0.154% |
| 83  | 14.645 | 2132 | 2135 | 2139 | rBV3 | 152178  | 265720  | 2.19%  | 0.146% |
| 84  | 14.704 | 2142 | 2145 | 2153 | rVV4 | 147646  | 327039  | 2.70%  | 0.180% |
| 85  | 14.786 | 2156 | 2159 | 2166 | rVB2 | 148329  | 249107  | 2.05%  | 0.137% |
| 86  | 14.880 | 2172 | 2175 | 2178 | rVB  | 200085  | 211614  | 1.75%  | 0.116% |
| 87  | 14.915 | 2178 | 2181 | 2188 | rVB  | 144442  | 207447  | 1.71%  | 0.114% |
| 88  | 15.151 | 2216 | 2221 | 2224 | rBV  | 1129501 | 1432074 | 11.81% | 0.788% |
| 89  | 15.209 | 2228 | 2231 | 2236 | rVV2 | 296559  | 508303  | 4.19%  | 0.280% |
| 90  | 15.392 | 2257 | 2262 | 2268 | rVB4 | 148585  | 339325  | 2.80%  | 0.187% |
| 91  | 15.492 | 2274 | 2279 | 2282 | rBV  | 1005203 | 1263287 | 10.42% | 0.695% |
| 92  | 15.974 | 2354 | 2361 | 2366 | rBV2 | 267071  | 539195  | 4.45%  | 0.297% |
| 93  | 16.050 | 2370 | 2374 | 2380 | rVB  | 187698  | 367701  | 3.03%  | 0.202% |
| 94  | 16.268 | 2399 | 2411 | 2416 | rBV5 | 218806  | 874663  | 7.21%  | 0.481% |
| 95  | 16.392 | 2427 | 2432 | 2438 | rVB  | 287303  | 499238  | 4.12%  | 0.275% |
| 96  | 17.056 | 2538 | 2545 | 2554 | rBV2 | 157597  | 511145  | 4.22%  | 0.281% |
| 97  | 17.639 | 2640 | 2644 | 2652 | rVB2 | 118032  | 261750  | 2.16%  | 0.144% |
| 98  | 18.309 | 2746 | 2758 | 2784 | rVB2 | 313772  | 1720311 | 14.19% | 0.947% |
| 99  | 18.586 | 2797 | 2805 | 2813 | rBV2 | 242675  | 765080  | 6.31%  | 0.421% |
| 100 | 18.668 | 2814 | 2819 | 2830 | rVB2 | 180360  | 516059  | 4.26%  | 0.284% |

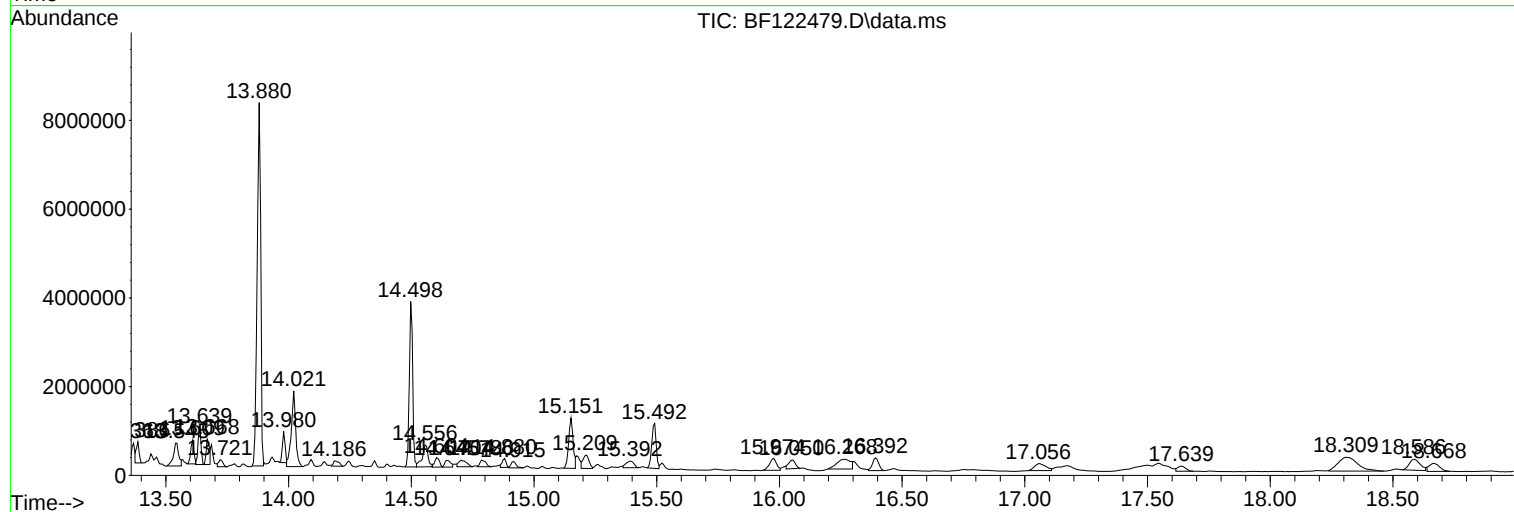
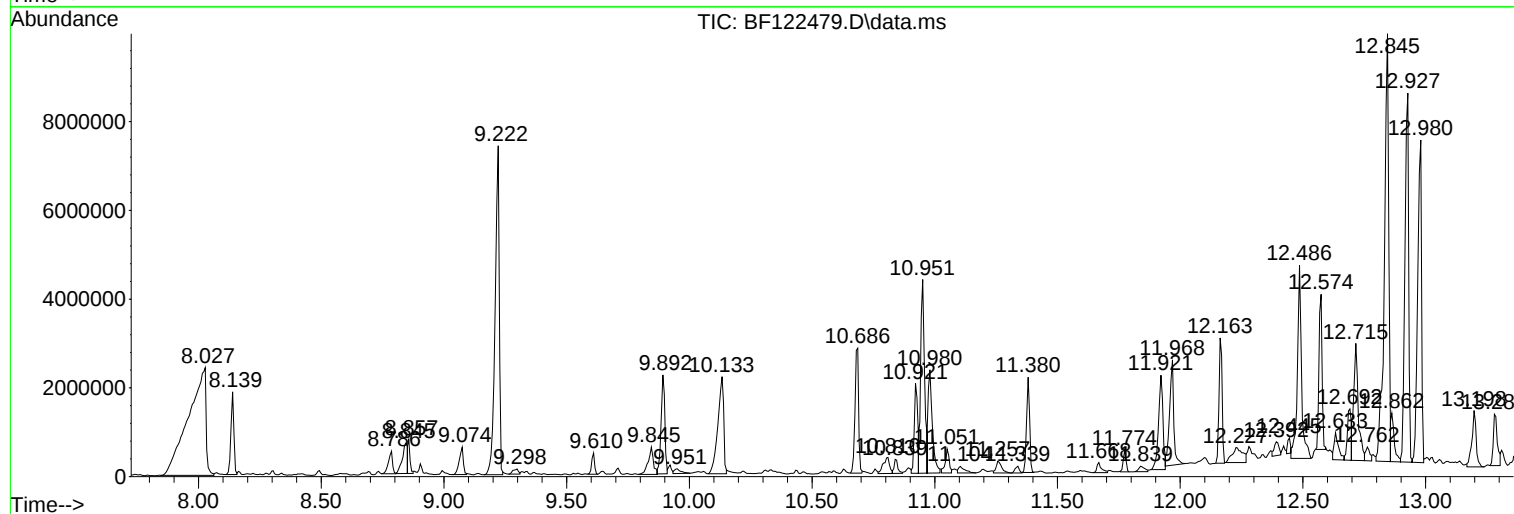
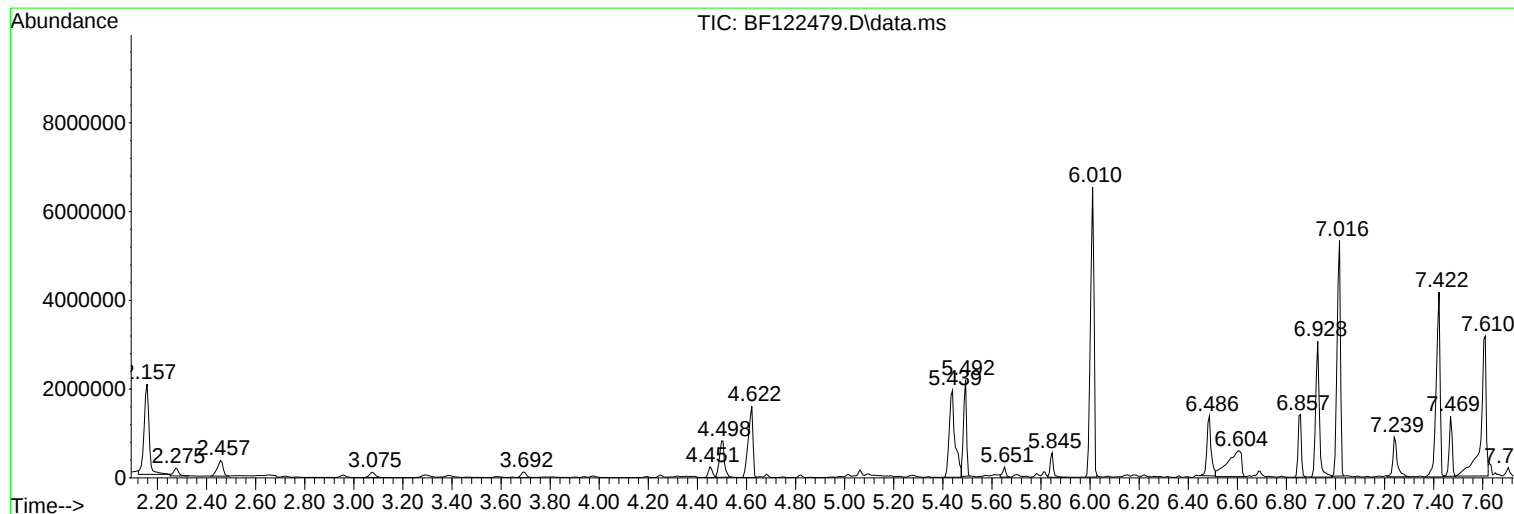
Sum of corrected areas: 181726669

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF112520\  
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Sample : L4801-01  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EFF-WW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF110920.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\BF112520\  
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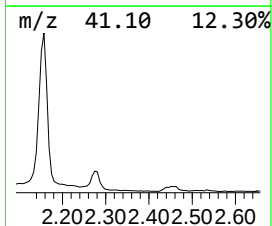
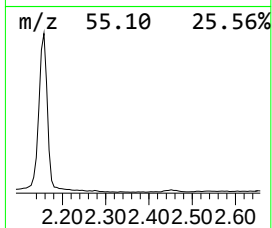
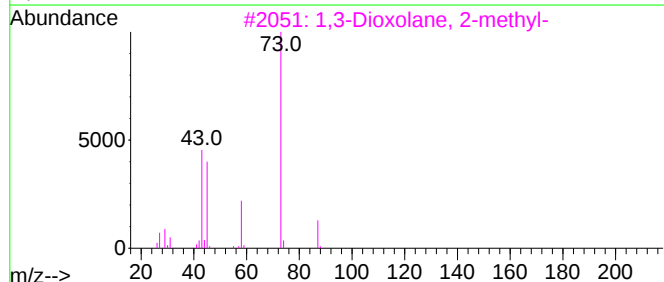
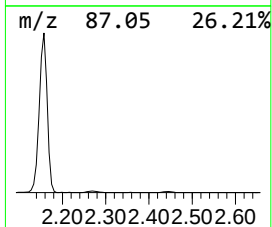
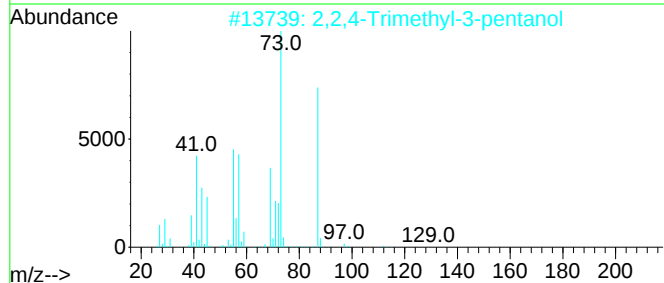
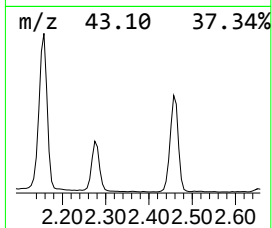
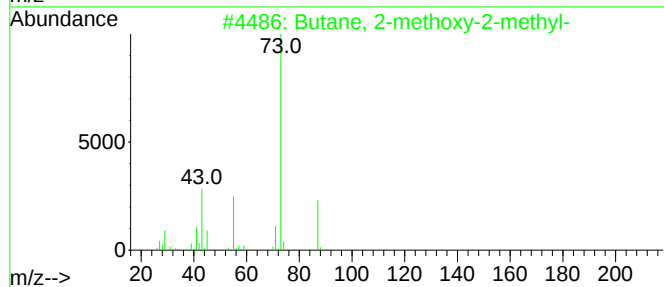
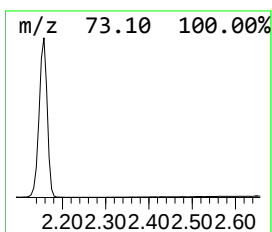
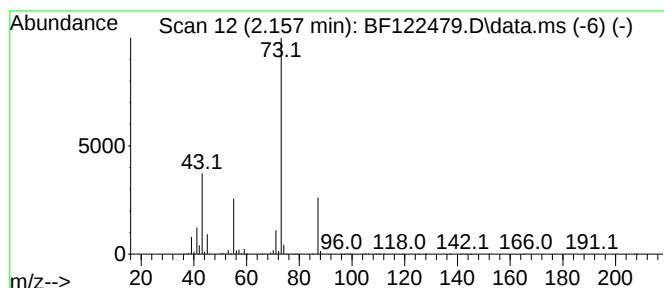
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF110920.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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 11

| R.T.  | EstConc  | Area    | Relative to ISTD       | R.T.  |
|-------|----------|---------|------------------------|-------|
| 2.157 | 44.25 ng | 2885670 | 1,4-Dichlorobenzene-d4 | 6.857 |

| Hit# | of | 5 | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------------|-----|---------|-------------|------|
| 1    |    |   | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 78   |
| 2    |    |   | 2,2,4-Trimethyl-3-pentanol  | 130 | C8H18O  | 005162-48-1 | 40   |
| 3    |    |   | 1,3-Dioxolane, 2-methyl-    | 88  | C4H8O2  | 000497-26-7 | 25   |
| 4    |    |   | Pentane, 3-methoxy-         | 102 | C6H14O  | 036839-67-5 | 17   |
| 5    |    |   | Silane, tetramethyl-        | 88  | C4H12Si | 000075-76-3 | 12   |



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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

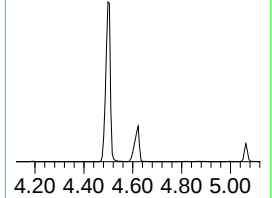
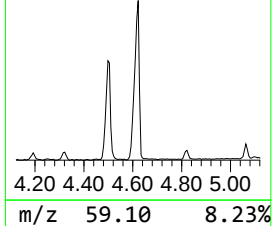
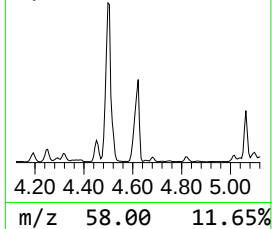
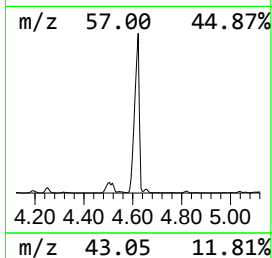
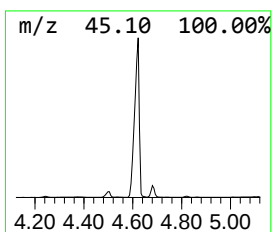
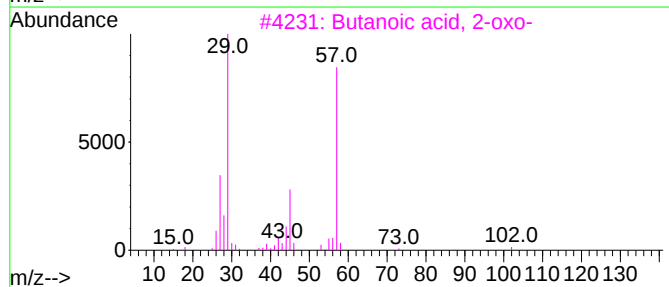
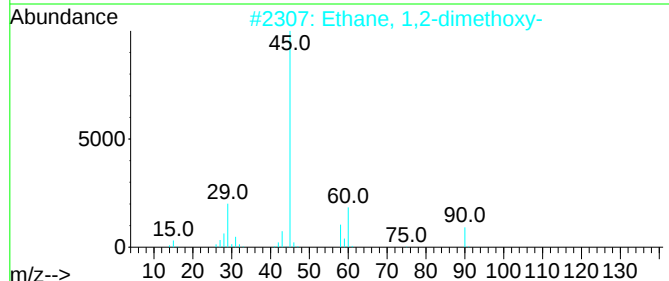
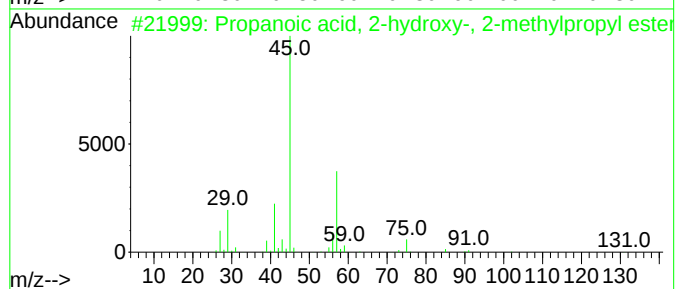
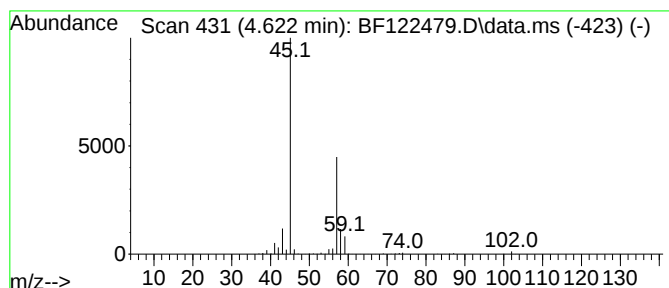
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 2 unknown4.62 Concentration Rank 15

| R.T.  | EstConc  | Area    | Relative to ISTD       | R.T.  |
|-------|----------|---------|------------------------|-------|
| 4.622 | 32.44 ng | 2115510 | 1,4-Dichlorobenzene-d4 | 6.857 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Propanoic acid, 2-hydroxy-, 2-me... | 146 | C7H14O3 | 000585-24-0 | 39   |
| 2    |    |   | Ethane, 1,2-dimethoxy-              | 90  | C4H10O2 | 000110-71-4 | 39   |
| 3    |    |   | Butanoic acid, 2-oxo-               | 102 | C4H6O3  | 000600-18-0 | 9    |
| 4    |    |   | Triethylene glycol                  | 150 | C6H14O4 | 000112-27-6 | 9    |
| 5    |    |   | (R)-(-)-2-Pentanol                  | 88  | C5H12O  | 031087-44-2 | 9    |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF112520\  
Data File : BF122479.D  
Acq On : 25 Nov 2020 12:12  
Operator : JU/CG  
Sample : L4801-01  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EFF-WW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF110920.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

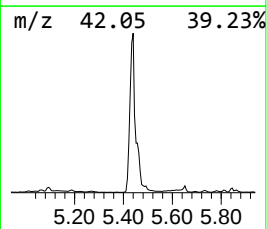
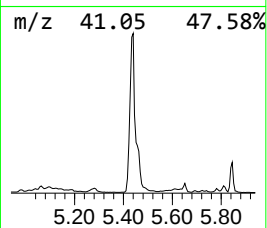
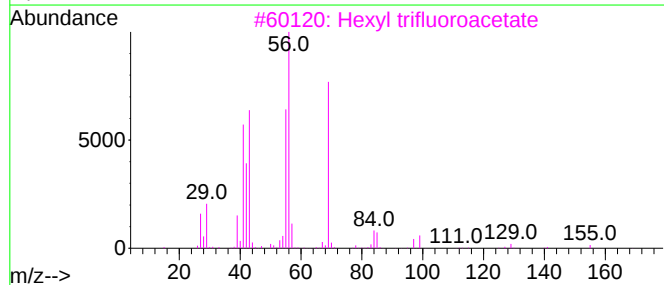
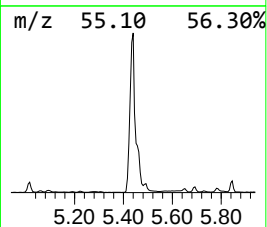
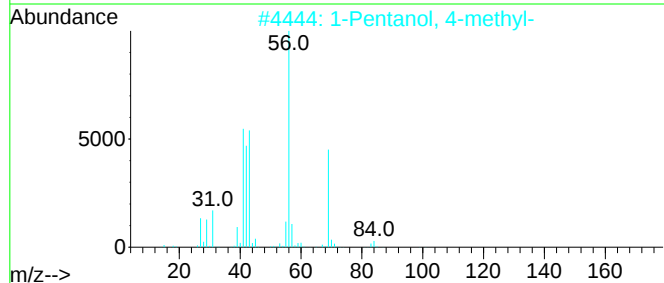
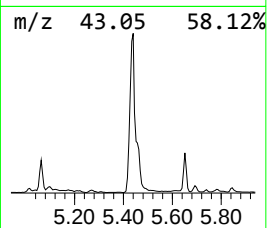
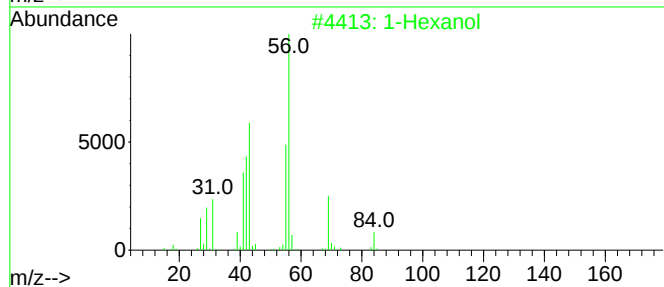
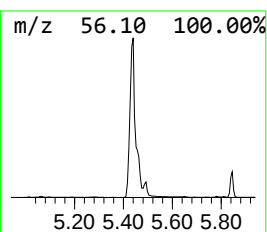
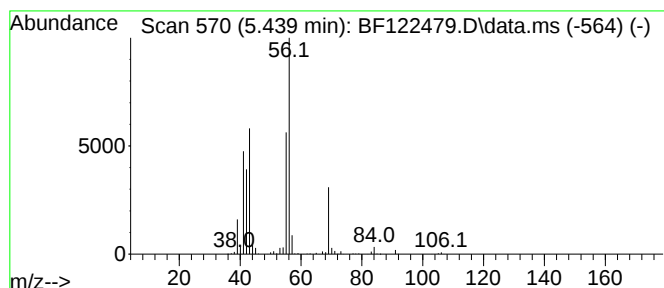
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TIC Integration Parameters: LSCINT.P

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Peak Number 3 1-Hexanol Concentration Rank 10

| R.T.  | EstConc  | Area    | Relative to ISTD       | R.T.  |
|-------|----------|---------|------------------------|-------|
| 5.439 | 49.49 ng | 3227020 | 1,4-Dichlorobenzene-d4 | 6.857 |

| Hit# | of | 5 | Tentative ID           | MW  | MolForm   | CAS#        | Qual |
|------|----|---|------------------------|-----|-----------|-------------|------|
| 1    |    |   | 1-Hexanol              | 102 | C6H14O    | 000111-27-3 | 86   |
| 2    |    |   | 1-Pentanol, 4-methyl-  | 102 | C6H14O    | 000626-89-1 | 72   |
| 3    |    |   | Hexyl trifluoroacetate | 198 | C8H13F3O2 | 000400-61-3 | 64   |
| 4    |    |   | Cyclopentane, methyl-  | 84  | C6H12     | 000096-37-7 | 59   |
| 5    |    |   | Cyclopropane, propyl-  | 84  | C6H12     | 002415-72-7 | 59   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF112520\  
Data File : BF122479.D  
Acq On : 25 Nov 2020 12:12  
Operator : JU/CG  
Sample : L4801-01  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EFF-WW

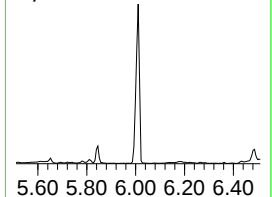
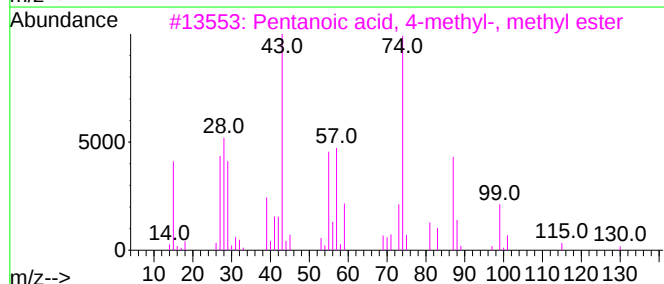
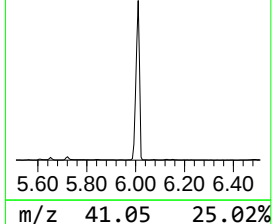
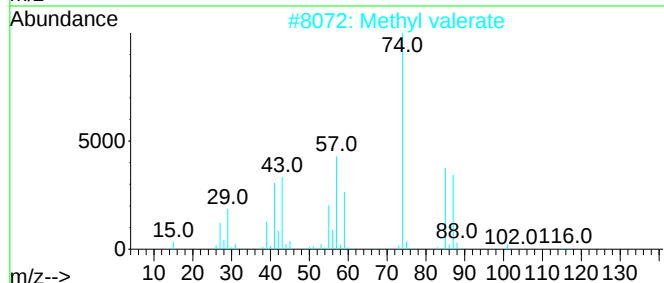
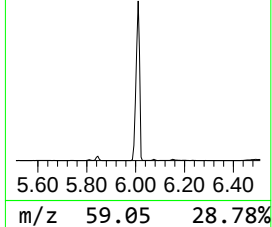
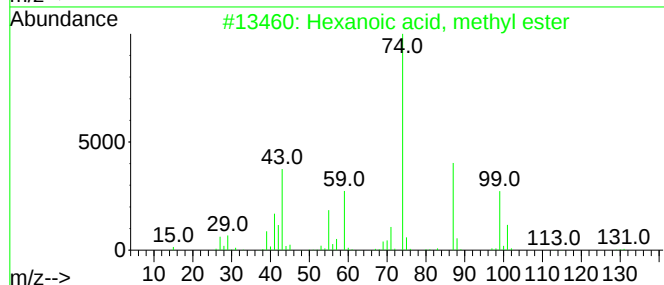
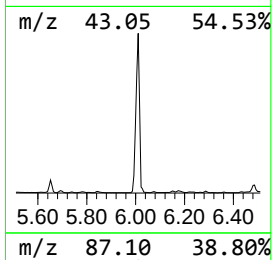
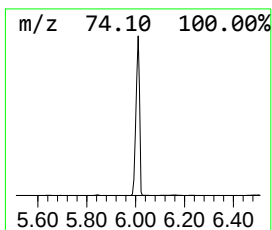
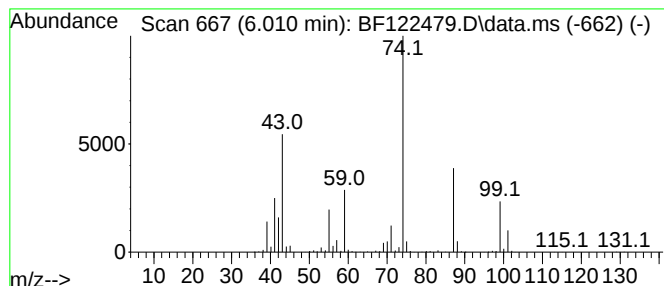
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 4 Hexanoic acid, methyl ester Concentration Rank 2

| R.T.  | EstConc   | Area    | Relative to ISTD       | R.T.  |
|-------|-----------|---------|------------------------|-------|
| 6.010 | 101.24 ng | 6601920 | 1,4-Dichlorobenzene-d4 | 6.857 |

| Hit# | of | 5 | Tentative ID                         | MW  | MolForm   | CAS#        | Qual |
|------|----|---|--------------------------------------|-----|-----------|-------------|------|
| 1    |    |   | Hexanoic acid, methyl ester          | 130 | C7H14O2   | 000106-70-7 | 90   |
| 2    |    |   | Methyl valerate                      | 116 | C6H12O2   | 000624-24-8 | 59   |
| 3    |    |   | Pentanoic acid, 4-methyl-, methyl... | 130 | C7H14O2   | 002412-80-8 | 50   |
| 4    |    |   | Pentanoic acid, 3-methyl-, methyl... | 130 | C7H14O2   | 002177-78-8 | 42   |
| 5    |    |   | Tetramethylammonium tetrafluorob...  | 161 | C4H12BF4N | 000661-36-9 | 25   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF112520\  
Data File : BF122479.D  
Acq On : 25 Nov 2020 12:12  
Operator : JU/CG  
Sample : L4801-01  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EFF-WW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF110920.M  
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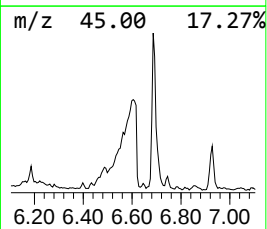
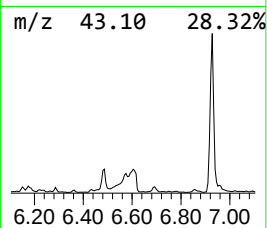
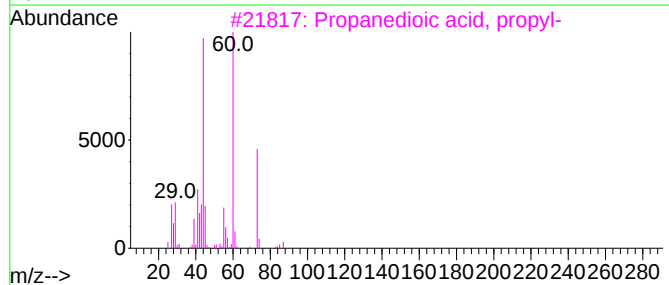
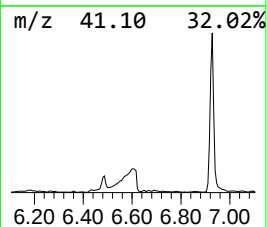
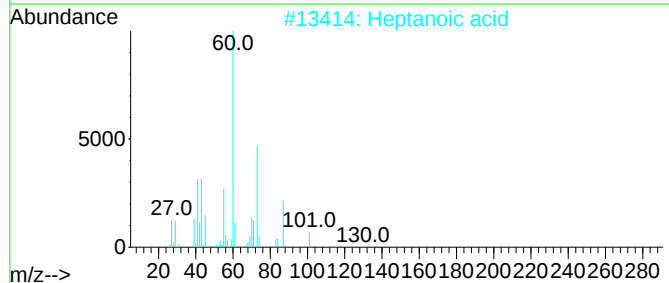
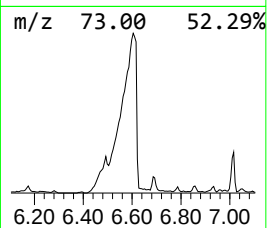
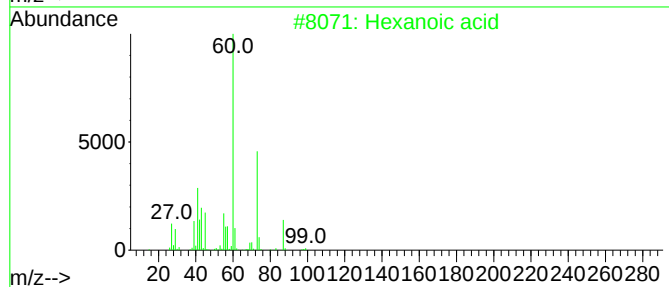
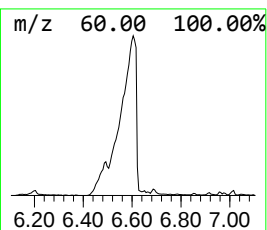
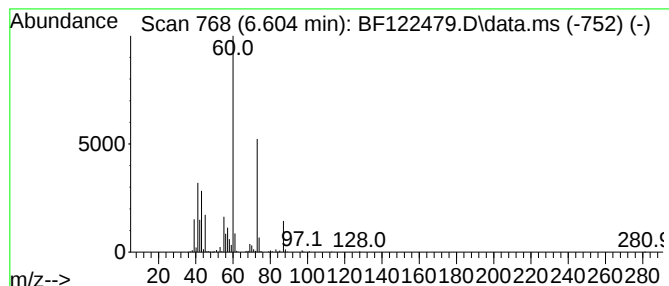
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 5 Hexanoic acid Concentration Rank 12

| R.T.  | EstConc  | Area    | Relative to ISTD       | R.T.  |
|-------|----------|---------|------------------------|-------|
| 6.604 | 35.30 ng | 2302090 | 1,4-Dichlorobenzene-d4 | 6.857 |

| Hit# | of | 5 | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------|-----|---------|-------------|------|
| 1    |    |   | Hexanoic acid              | 116 | C6H12O2 | 000142-62-1 | 90   |
| 2    |    |   | Heptanoic acid             | 130 | C7H14O2 | 000111-14-8 | 74   |
| 3    |    |   | Propanedioic acid, propyl- | 146 | C6H10O4 | 000616-62-6 | 72   |
| 4    |    |   | Octanoic acid              | 144 | C8H16O2 | 000124-07-2 | 64   |
| 5    |    |   | Pentanoic acid             | 102 | C5H10O2 | 000109-52-4 | 64   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF112520\  
Data File : BF122479.D  
Acq On : 25 Nov 2020 12:12  
Operator : JU/CG  
Sample : L4801-01  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EFF-WW

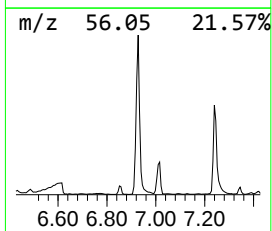
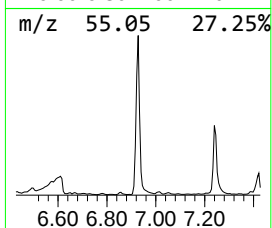
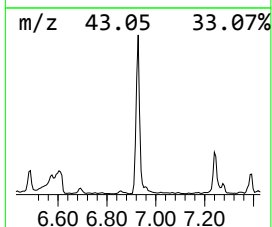
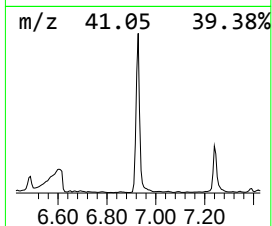
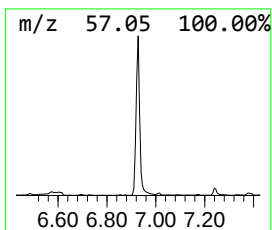
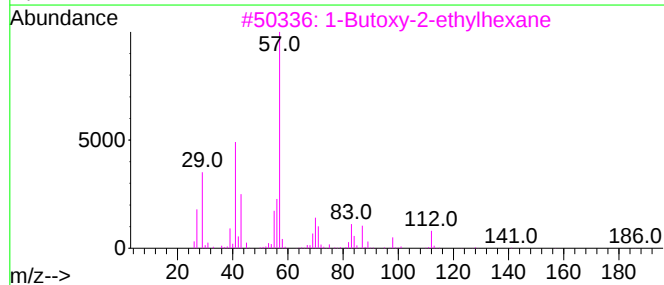
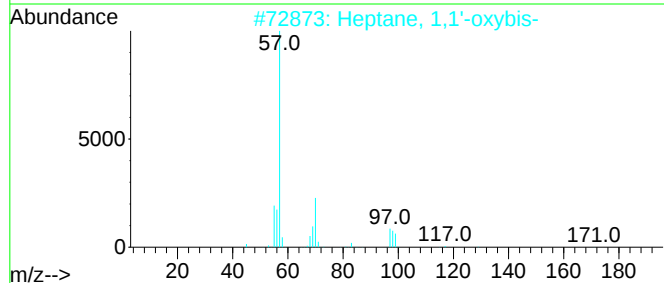
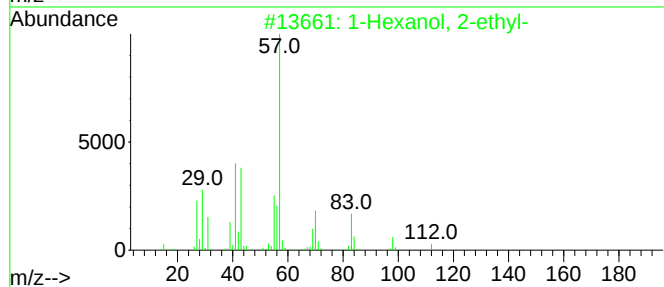
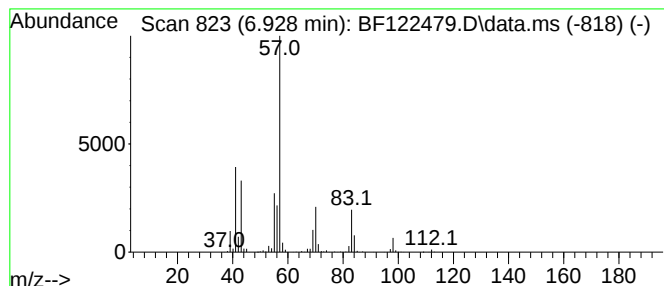
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 6 1-Hexanol, 2-ethyl- Concentration Rank 9

| R.T.  | EstConc  | Area    | Relative to ISTD       | R.T.  |
|-------|----------|---------|------------------------|-------|
| 6.928 | 49.83 ng | 3249730 | 1,4-Dichlorobenzene-d4 | 6.857 |

| Hit# | of | 5 | Tentative ID                      | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-----------------------------------|-----|----------|--------------|------|
| 1    |    |   | 1-Hexanol, 2-ethyl-               | 130 | C8H18O   | 000104-76-7  | 83   |
| 2    |    |   | Heptane, 1,1'-oxybis-             | 214 | C14H30O  | 000629-64-1  | 59   |
| 3    |    |   | 1-Butoxy-2-ethylhexane            | 186 | C12H26O  | 062625-25-6  | 56   |
| 4    |    |   | 2-Ethyl-1-hexanol, methyl ether   | 144 | C9H20O   | 1000365-10-2 | 50   |
| 5    |    |   | Oxalic acid, isobutyl octyl ester | 258 | C14H26O4 | 1000309-37-3 | 47   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF112520\  
Data File : BF122479.D  
Acq On : 25 Nov 2020 12:12  
Operator : JU/CG  
Sample : L4801-01  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EFF-WW

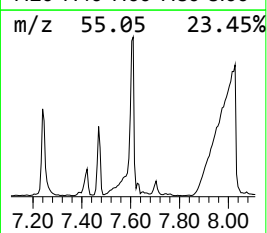
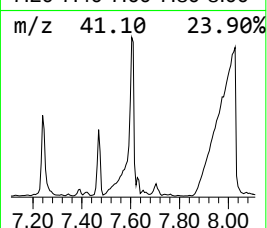
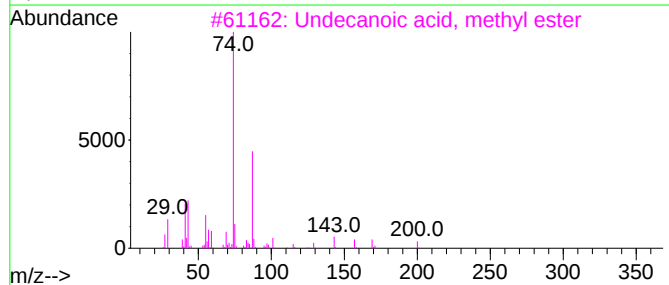
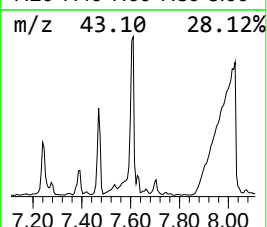
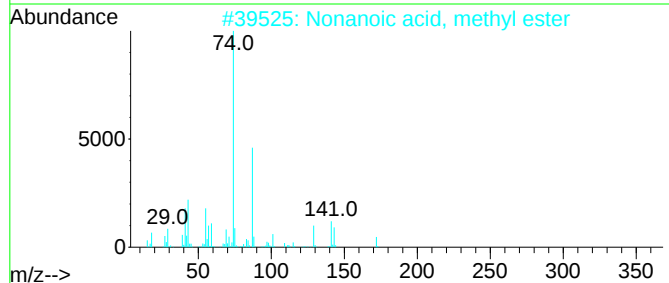
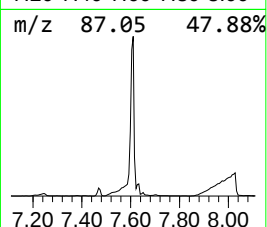
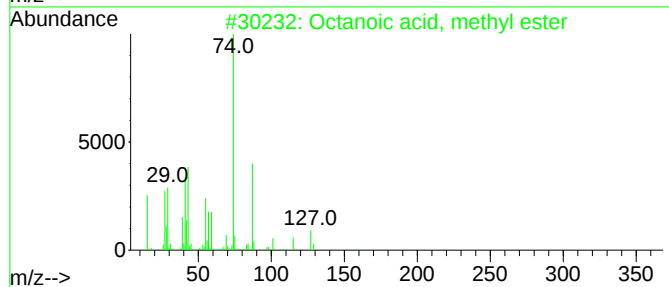
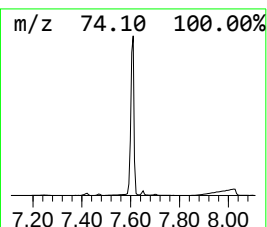
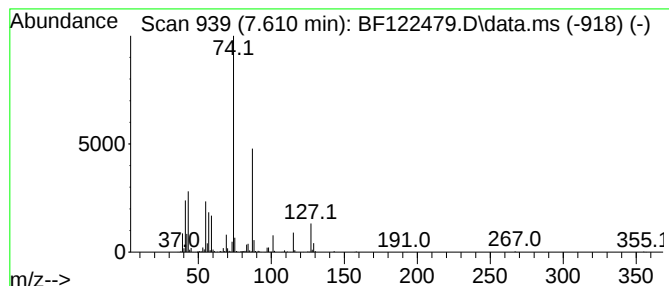
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 8 Octanoic acid, methyl ester Concentration Rank 6

| R.T.  | EstConc  | Area    | Relative to ISTD | R.T.  |
|-------|----------|---------|------------------|-------|
| 7.610 | 62.56 ng | 4850780 | Naphthalene-d8   | 8.139 |

| Hit# | of | 5 | Tentative ID                  | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------|-----|----------|-------------|------|
| 1    |    |   | Octanoic acid, methyl ester   | 158 | C9H18O2  | 000111-11-5 | 83   |
| 2    |    |   | Nonanoic acid, methyl ester   | 172 | C10H20O2 | 001731-84-6 | 72   |
| 3    |    |   | Undecanoic acid, methyl ester | 200 | C12H24O2 | 001731-86-8 | 64   |
| 4    |    |   | Methyl valerate               | 116 | C6H12O2  | 000624-24-8 | 64   |
| 5    |    |   | Decanoic acid, methyl ester   | 186 | C11H22O2 | 000110-42-9 | 64   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF112520\  
Data File : BF122479.D  
Acq On : 25 Nov 2020 12:12  
Operator : JU/CG  
Sample : L4801-01  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EFF-WW

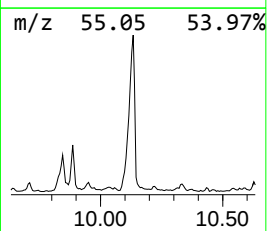
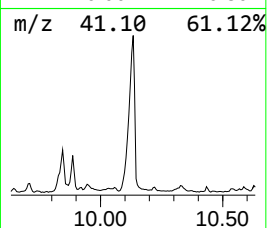
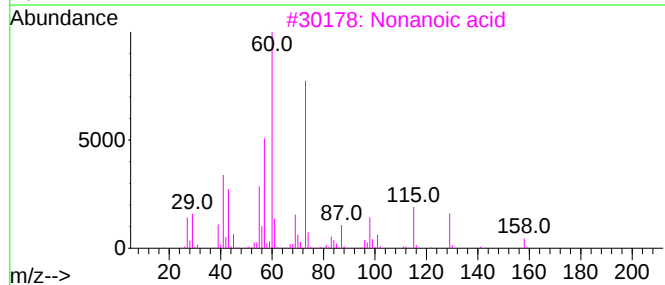
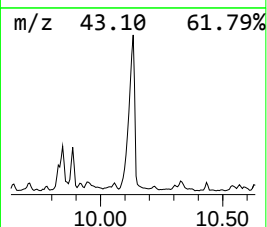
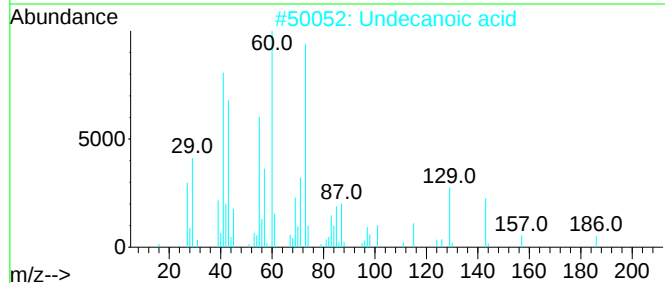
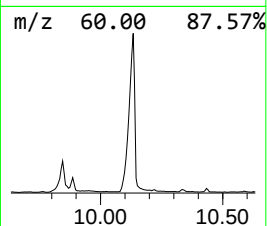
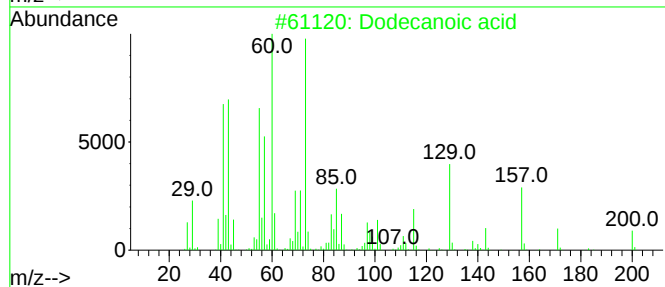
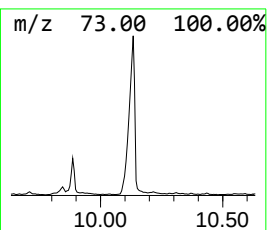
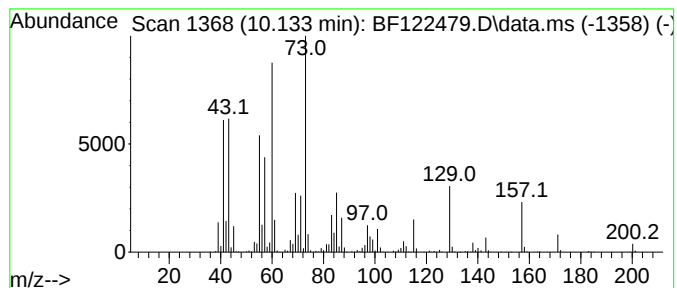
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 9 Dodecanoic acid Concentration Rank 18

| R.T.   | EstConc  | Area    | Relative to ISTD | R.T.  |
|--------|----------|---------|------------------|-------|
| 10.133 | 30.68 ng | 3594630 | Acenaphthene-d10 | 9.892 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | Dodecanoic acid                     | 200 | C12H24O2 | 000143-07-7 | 98   |
| 2    |    |   | Undecanoic acid                     | 186 | C11H22O2 | 000112-37-8 | 72   |
| 3    |    |   | Nonanoic acid                       | 158 | C9H18O2  | 000112-05-0 | 53   |
| 4    |    |   | Octanoic acid                       | 144 | C8H16O2  | 000124-07-2 | 47   |
| 5    |    |   | Ethanone, 1-(4,5-dihydro-2-thiaz... | 129 | C5H7NO5  | 029926-41-8 | 43   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF112520\  
Data File : BF122479.D  
Acq On : 25 Nov 2020 12:12  
Operator : JU/CG  
Sample : L4801-01  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EFF-WW

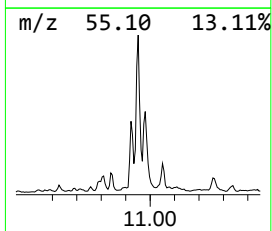
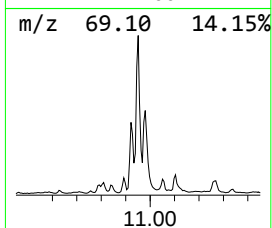
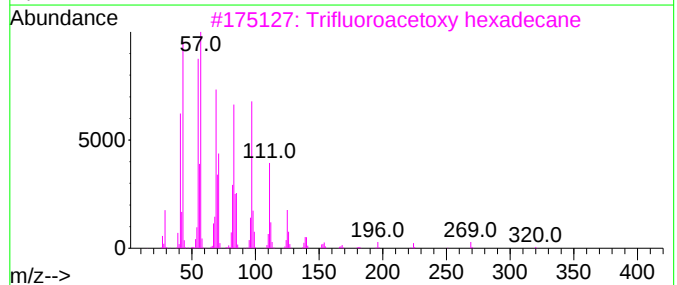
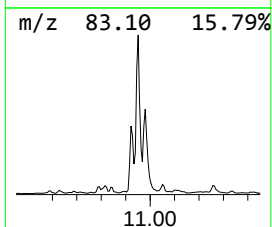
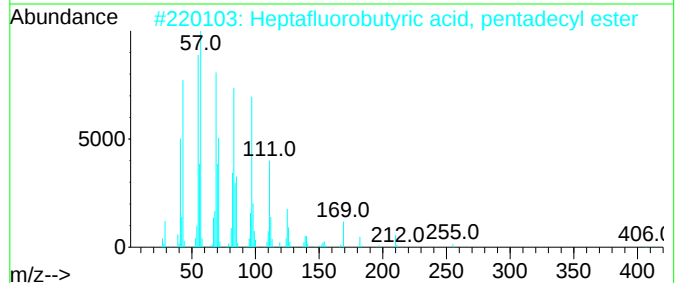
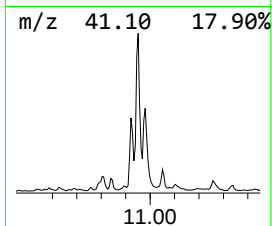
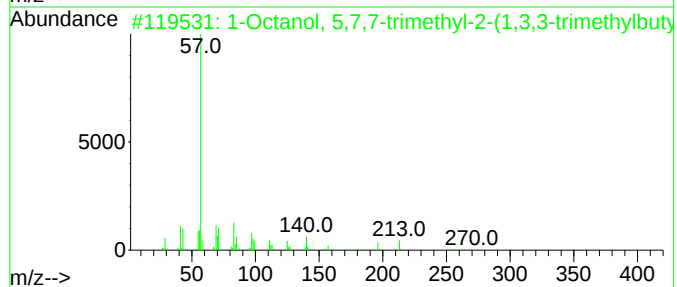
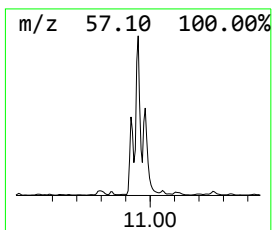
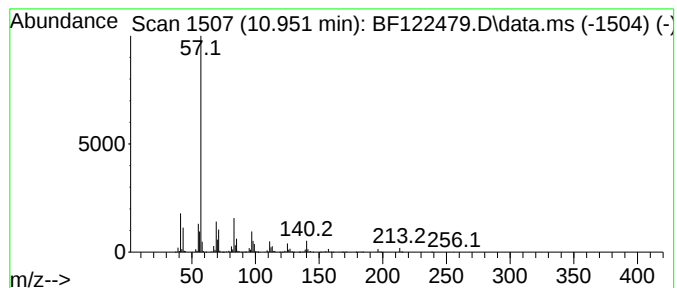
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 10 1-Octanol, 5,7,7-trimethyl-... Concentration Rank 8

| R.T.   | EstConc  | Area    | Relative to ISTD | R.T.   |
|--------|----------|---------|------------------|--------|
| 10.951 | 54.05 ng | 4871890 | Phenanthrene-d10 | 11.380 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm    | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|------------|-------------|------|
| 1    |    |   | 1-Octanol, 5,7,7-trimethyl-2-(1,... | 270 | C18H38O    | 036400-98-3 | 90   |
| 2    |    |   | Heptafluorobutyric acid, pentade... | 424 | C19H31F7O2 | 959261-23-5 | 50   |
| 3    |    |   | Trifluoroacetoxy hexadecane         | 338 | C18H33F3O2 | 006222-03-3 | 50   |
| 4    |    |   | Trifluoroacetic acid, pentadecyl... | 324 | C17H31F3O2 | 959010-23-2 | 50   |
| 5    |    |   | Pentafluoropropionic acid, penta... | 374 | C18H31F5O2 | 959092-08-1 | 50   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF112520\  
Data File : BF122479.D  
Acq On : 25 Nov 2020 12:12  
Operator : JU/CG  
Sample : L4801-01  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EFF-WW

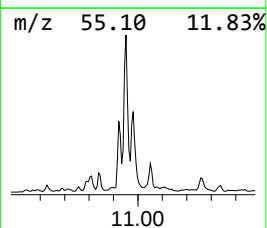
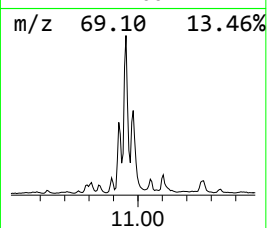
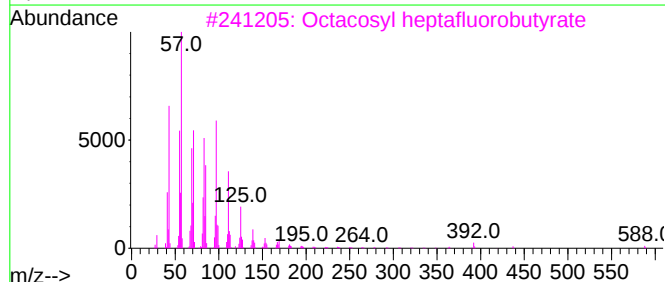
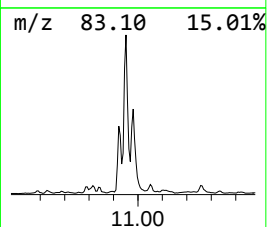
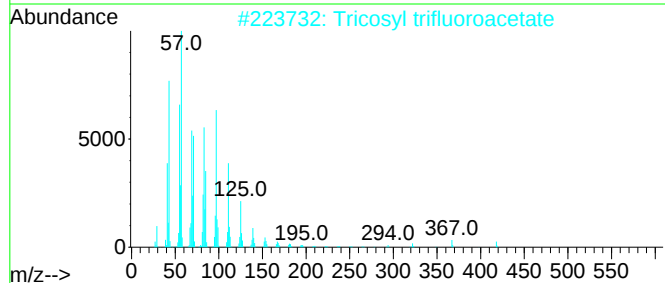
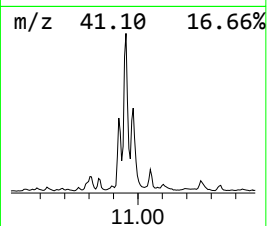
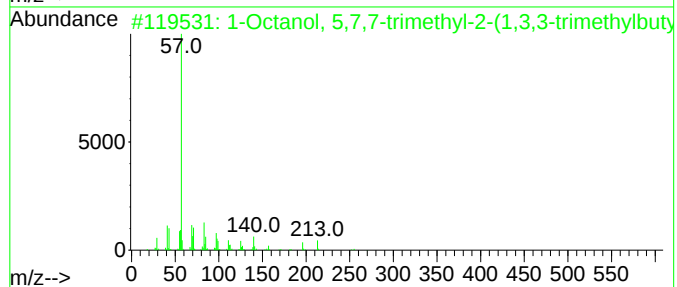
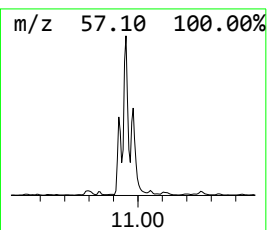
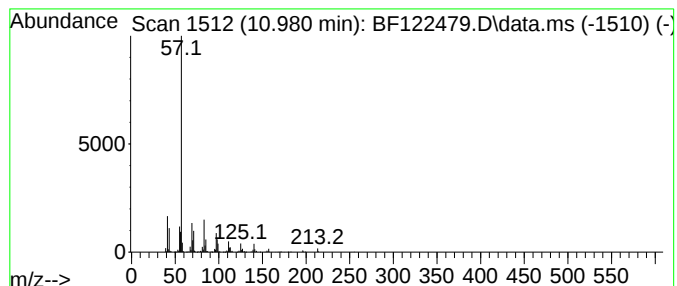
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 11 Tricosyl trifluoroacetate Concentration Rank 19

| R.T.   | EstConc  | Area    | Relative to ISTD | R.T.   |
|--------|----------|---------|------------------|--------|
| 10.980 | 30.32 ng | 2733390 | Phenanthrene-d10 | 11.380 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm    | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|------------|--------------|------|
| 1    |    |   | 1-Octanol, 5,7,7-trimethyl-2-(1,... | 270 | C18H38O    | 036400-98-3  | 80   |
| 2    |    |   | Tricosyl trifluoroacetate           | 436 | C25H47F3O2 | 1000351-75-1 | 53   |
| 3    |    |   | Octacosyl heptafluorobutyrate       | 606 | C32H57F7O2 | 1000351-83-6 | 50   |
| 4    |    |   | Octatriacontyl trifluoroacetate     | 647 | C40H77F3O2 | 1000351-88-7 | 50   |
| 5    |    |   | Tetratriacontyl heptafluorobutyrate | 691 | C38H69F7O2 | 1000351-84-1 | 50   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF112520\  
Data File : BF122479.D  
Acq On : 25 Nov 2020 12:12  
Operator : JU/CG  
Sample : L4801-01  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EFF-WW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF110920.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

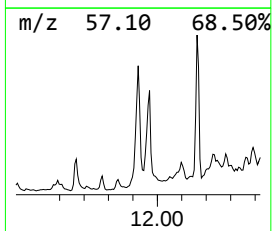
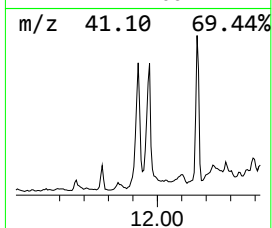
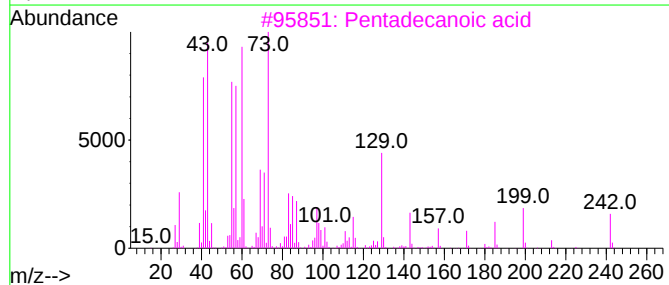
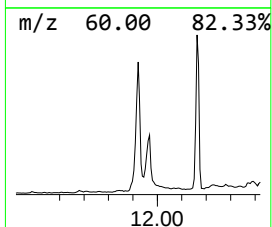
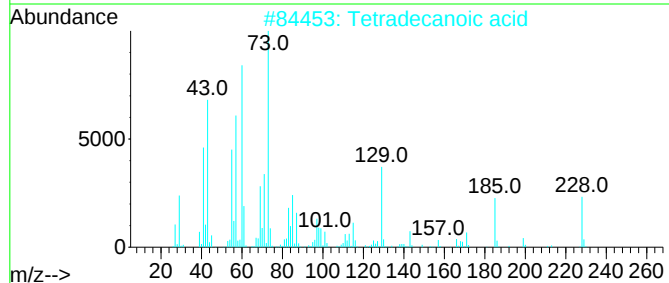
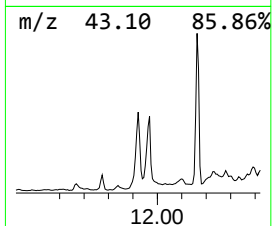
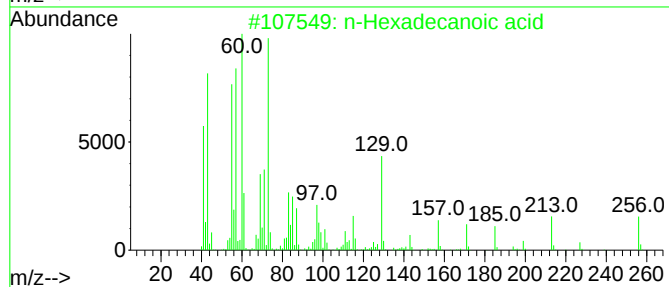
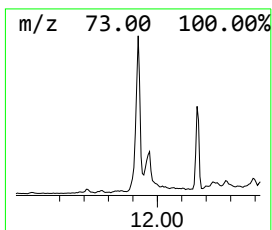
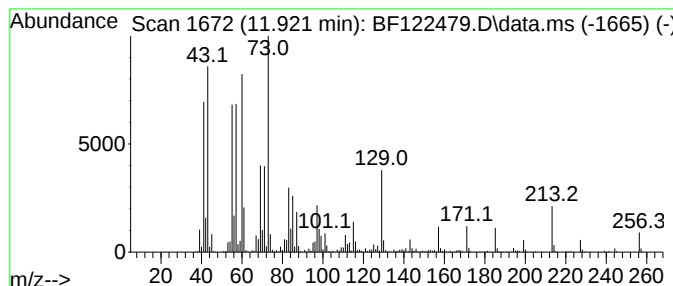
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 12 n-Hexadecanoic acid Concentration Rank 20

| R.T.   | EstConc  | Area    | Relative to ISTD | R.T.   |
|--------|----------|---------|------------------|--------|
| 11.921 | 29.81 ng | 2686790 | Phenanthrene-d10 | 11.380 |

| Hit# | of 5 | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|------|------|---------------------|-----|----------|-------------|------|
| 1    |      | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 99   |
| 2    |      | Tetradecanoic acid  | 228 | C14H28O2 | 000544-63-8 | 94   |
| 3    |      | Pentadecanoic acid  | 242 | C15H30O2 | 001002-84-2 | 91   |
| 4    |      | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 90   |
| 5    |      | n-Decanoic acid     | 172 | C10H20O2 | 000334-48-5 | 70   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF112520\  
Data File : BF122479.D  
Acq On : 25 Nov 2020 12:12  
Operator : JU/CG  
Sample : L4801-01  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EFF-WW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF110920.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

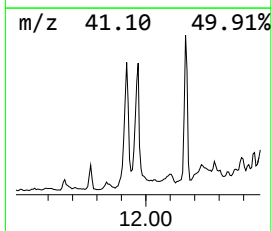
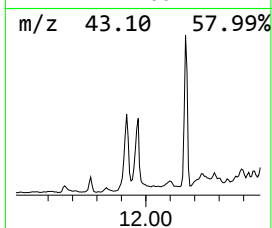
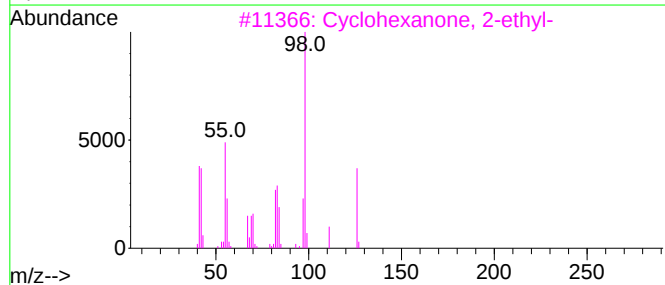
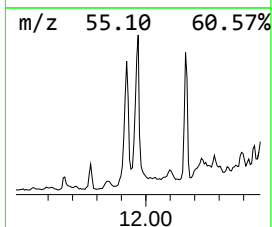
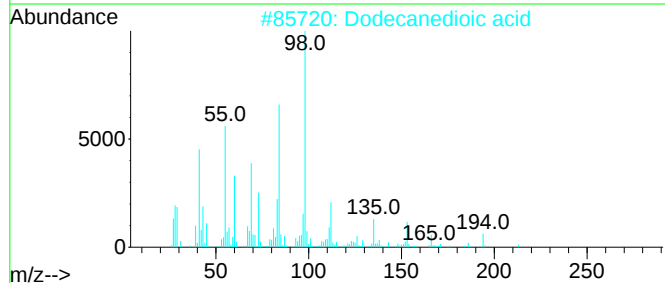
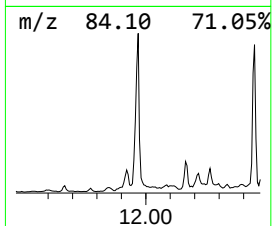
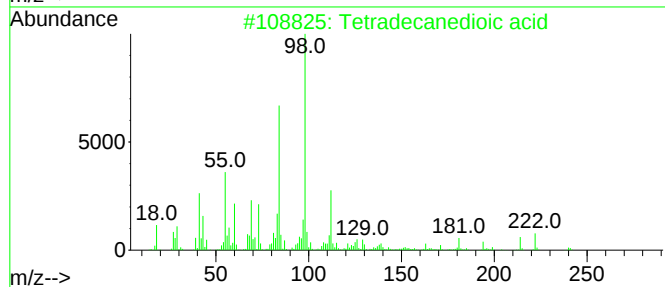
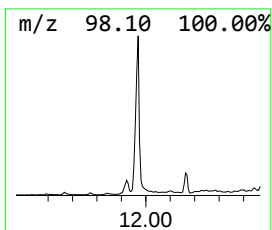
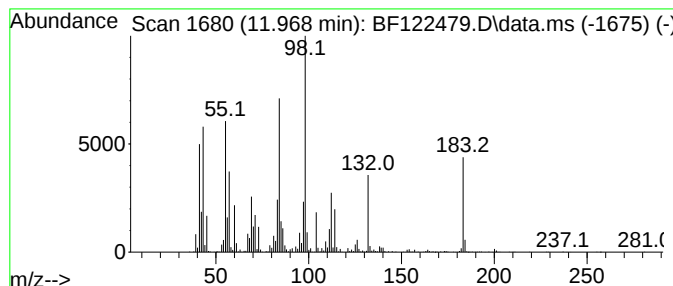
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 13 Tetradecanedioic acid Concentration Rank 17

| R.T.   | EstConc  | Area    | Relative to ISTD | R.T.   |
|--------|----------|---------|------------------|--------|
| 11.968 | 30.84 ng | 2779700 | Phenanthrene-d10 | 11.380 |

| Hit# | of 5 | Tentative ID                     | MW  | MolForm   | CAS#         | Qual |
|------|------|----------------------------------|-----|-----------|--------------|------|
| 1    |      | Tetradecanedioic acid            | 258 | C14H26O4  | 000821-38-5  | 50   |
| 2    |      | Dodecanedioic acid               | 230 | C12H22O4  | 000693-23-2  | 47   |
| 3    |      | Cyclohexanone, 2-ethyl-          | 126 | C8H14O    | 004423-94-3  | 35   |
| 4    |      | n-Heptylamine, N-acetyl-1-cyano- | 182 | C10H18N2O | 1000227-03-9 | 27   |
| 5    |      | 2-Sec-Butylcyclohexanone         | 154 | C10H18O   | 1000342-30-8 | 25   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF112520\  
Data File : BF122479.D  
Acq On : 25 Nov 2020 12:12  
Operator : JU/CG  
Sample : L4801-01  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EFF-WW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF110920.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

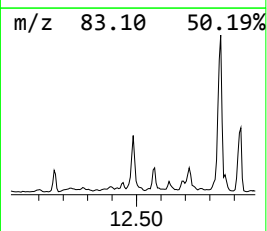
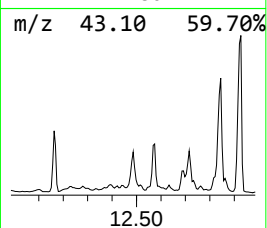
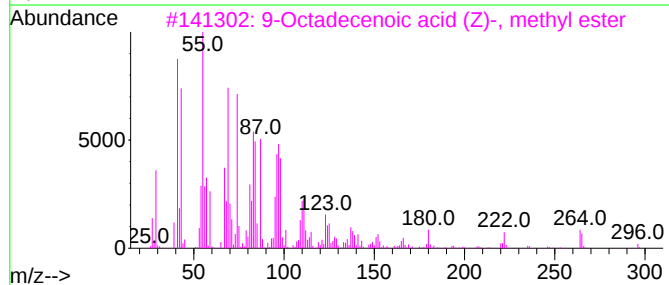
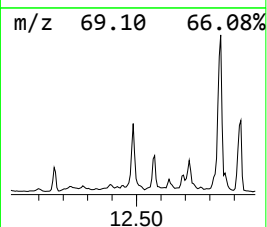
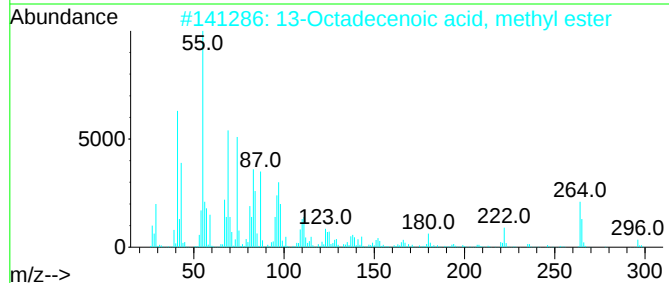
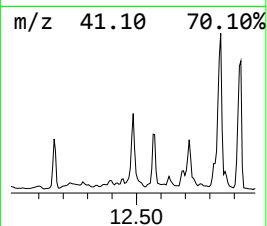
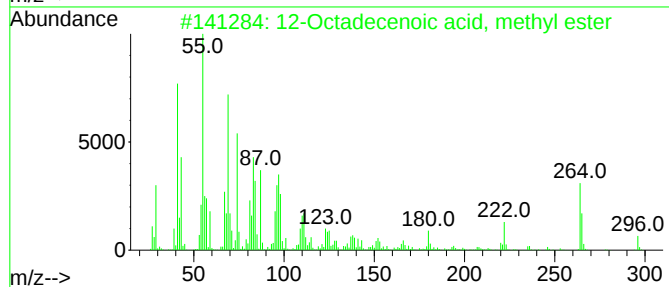
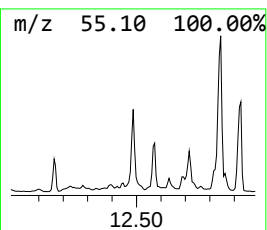
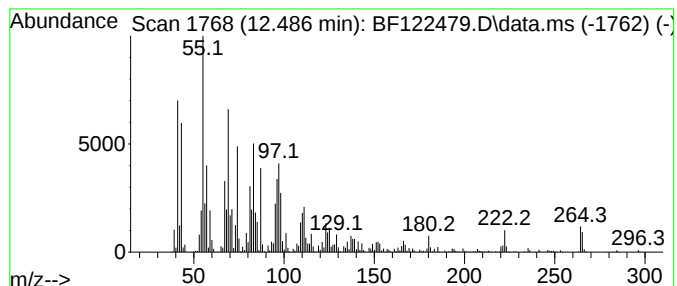
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 14 12-Octadecenoic acid, methyl... Concentration Rank 7

| R.T.   | EstConc  | Area    | Relative to ISTD | R.T.   |
|--------|----------|---------|------------------|--------|
| 12.486 | 56.96 ng | 5134690 | Phenanthrene-d10 | 11.380 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | 12-Octadecenoic acid, methyl ester  | 296 | C19H36O2 | 056554-46-2 | 96   |
| 2    |    |   | 13-Octadecenoic acid, methyl ester  | 296 | C19H36O2 | 056554-47-3 | 94   |
| 3    |    |   | 9-Octadecenoic acid (Z)-, methyl... | 296 | C19H36O2 | 000112-62-9 | 94   |
| 4    |    |   | 14-Octadecenoic acid, methyl ester  | 296 | C19H36O2 | 056554-48-4 | 94   |
| 5    |    |   | 11-Octadecenoic acid, methyl ester  | 296 | C19H36O2 | 052380-33-3 | 94   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF112520\  
Data File : BF122479.D  
Acq On : 25 Nov 2020 12:12  
Operator : JU/CG  
Sample : L4801-01  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EFF-WW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF110920.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

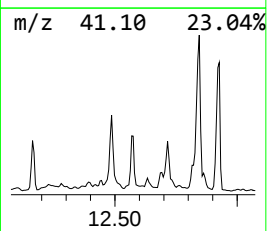
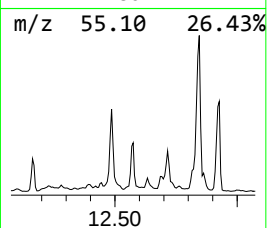
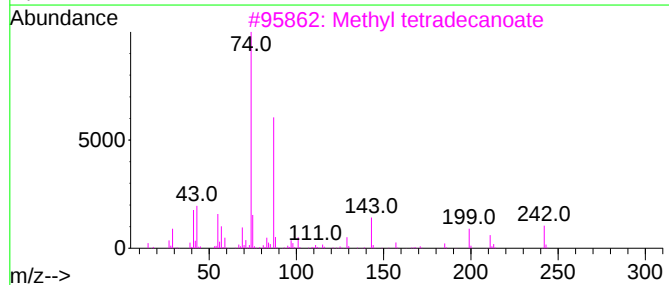
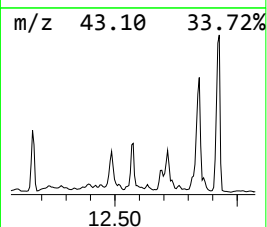
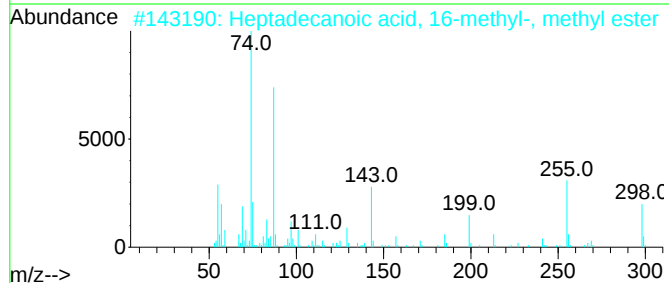
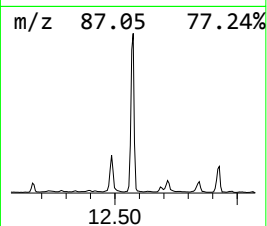
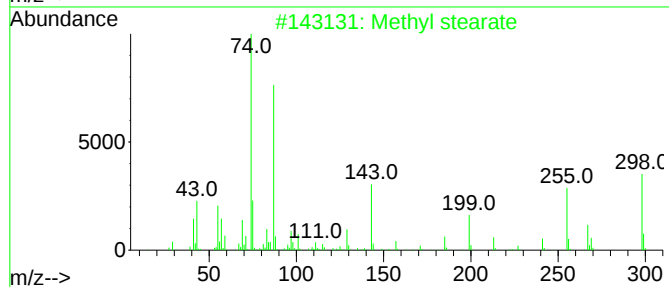
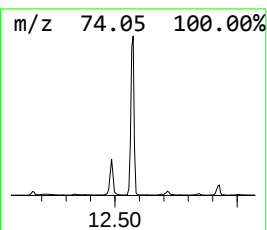
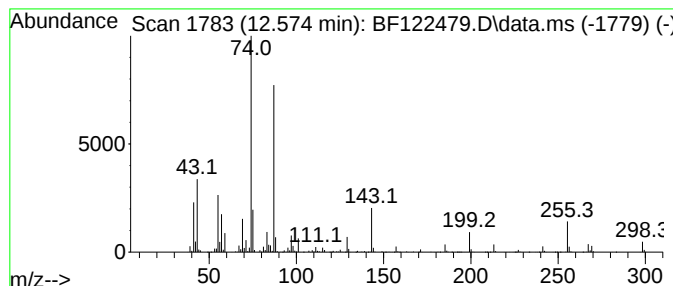
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 15 Methyl stearate Concentration Rank 13

| R.T.   | EstConc  | Area    | Relative to ISTD | R.T.   |
|--------|----------|---------|------------------|--------|
| 12.574 | 34.20 ng | 3083100 | Phenanthrene-d10 | 11.380 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | Methyl stearate                     | 298 | C19H38O2 | 000112-61-8 | 98   |
| 2    |    |   | Heptadecanoic acid, 16-methyl-, ... | 298 | C19H38O2 | 005129-61-3 | 90   |
| 3    |    |   | Methyl tetradecanoate               | 242 | C15H30O2 | 000124-10-7 | 87   |
| 4    |    |   | Hexadecanoic acid, methyl ester     | 270 | C17H34O2 | 000112-39-0 | 83   |
| 5    |    |   | Pentadecanoic acid, methyl ester    | 256 | C16H32O2 | 007132-64-1 | 83   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF112520\  
Data File : BF122479.D  
Acq On : 25 Nov 2020 12:12  
Operator : JU/CG  
Sample : L4801-01  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EFF-WW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF110920.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

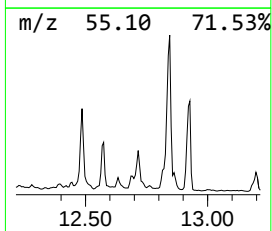
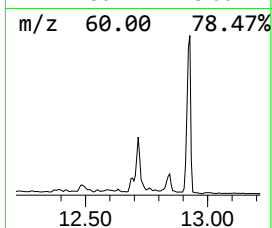
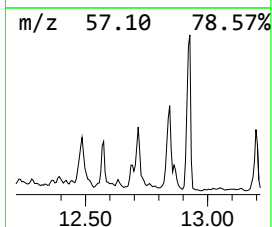
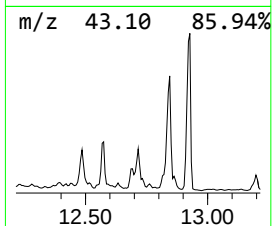
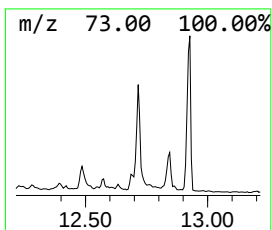
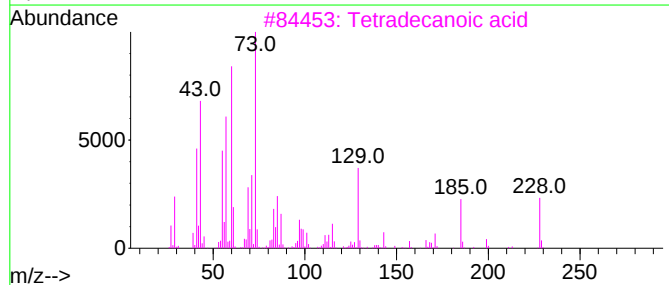
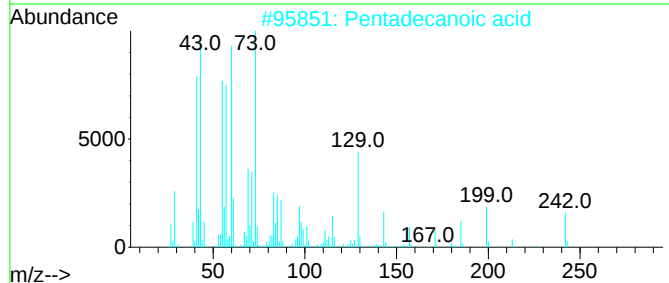
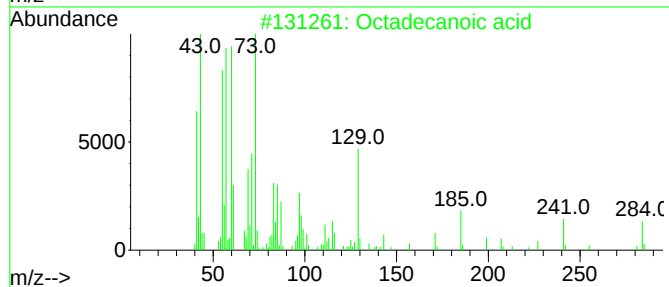
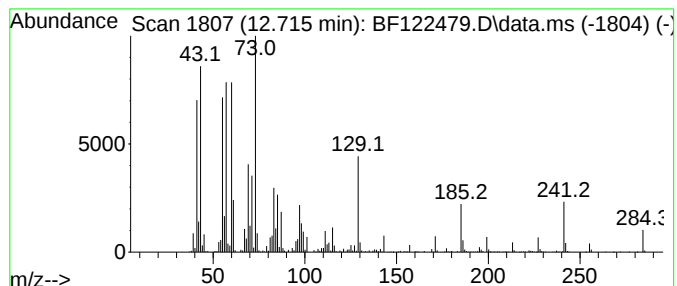
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Peak Number 16 Octadecanoic acid Concentration Rank 16

| R.T.   | EstConc  | Area    | Relative to ISTD | R.T.   |
|--------|----------|---------|------------------|--------|
| 12.715 | 31.86 ng | 3336690 | Chrysene-d12     | 14.021 |

| Hit# | of 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|------|-------------------------------------|-----|----------|-------------|------|
| 1    |      | Octadecanoic acid                   | 284 | C18H36O2 | 000057-11-4 | 99   |
| 2    |      | Pentadecanoic acid                  | 242 | C15H30O2 | 001002-84-2 | 90   |
| 3    |      | Tetradecanoic acid                  | 228 | C14H28O2 | 000544-63-8 | 87   |
| 4    |      | Octadecanoic acid, 2-(2-hydroxye... | 372 | C22H44O4 | 000106-11-6 | 59   |
| 5    |      | n-Hexadecanoic acid                 | 256 | C16H32O2 | 000057-10-3 | 59   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF112520\  
Data File : BF122479.D  
Acq On : 25 Nov 2020 12:12  
Operator : JU/CG  
Sample : L4801-01  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EFF-WW

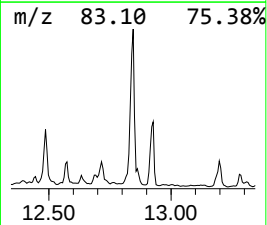
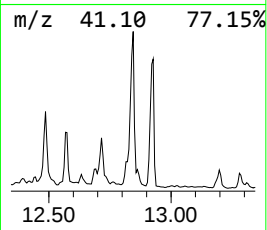
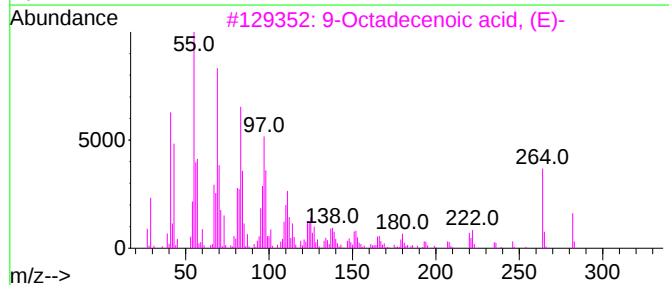
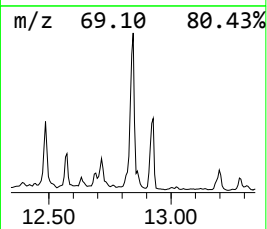
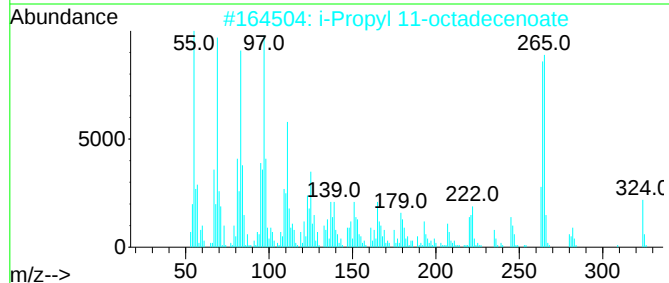
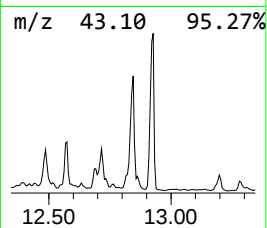
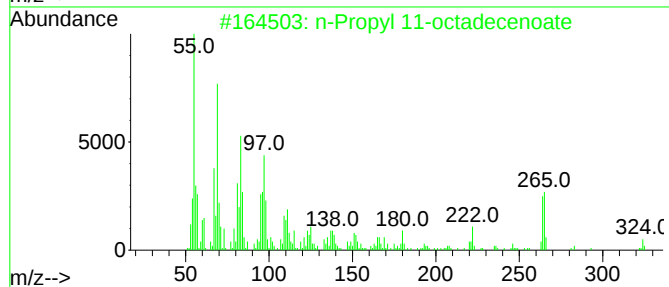
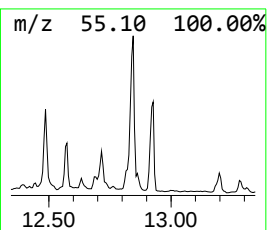
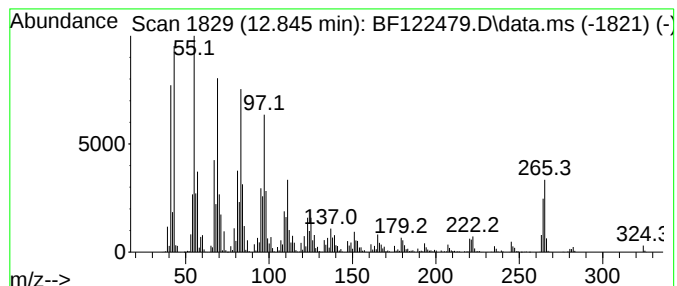
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 17 n-Propyl 11-octadecenoate Concentration Rank 1

| R.T.   | EstConc   | Area     | Relative to ISTD | R.T.   |
|--------|-----------|----------|------------------|--------|
| 12.845 | 115.11 ng | 12055500 | Chrysene-d12     | 14.021 |

| Hit# | of | 5 | Tentative ID              | MW  | MolForm  | CAS#         | Qual |
|------|----|---|---------------------------|-----|----------|--------------|------|
| 1    |    |   | n-Propyl 11-octadecenoate | 324 | C21H40O2 | 1000336-71-7 | 95   |
| 2    |    |   | i-Propyl 11-octadecenoate | 324 | C21H40O2 | 1000336-79-5 | 87   |
| 3    |    |   | 9-Octadecenoic acid, (E)- | 282 | C18H34O2 | 000112-79-8  | 70   |
| 4    |    |   | Oleic Acid                | 282 | C18H34O2 | 000112-80-1  | 68   |
| 5    |    |   | Z-5-Nonadecene            | 266 | C19H38   | 1000131-11-8 | 68   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF112520\  
Data File : BF122479.D  
Acq On : 25 Nov 2020 12:12  
Operator : JU/CG  
Sample : L4801-01  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EFF-WW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF110920.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

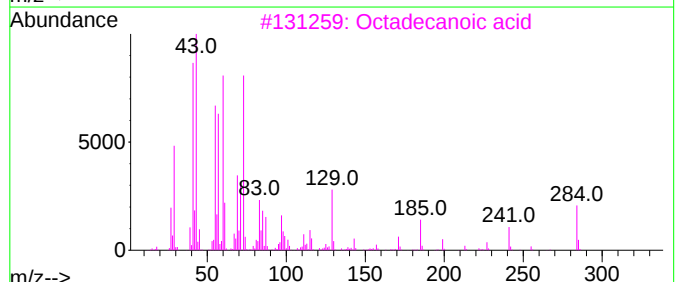
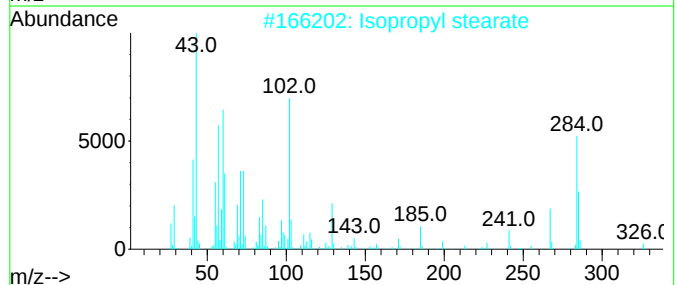
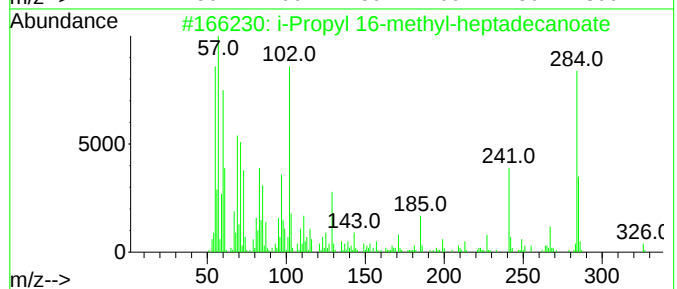
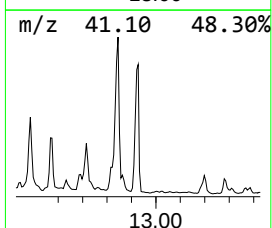
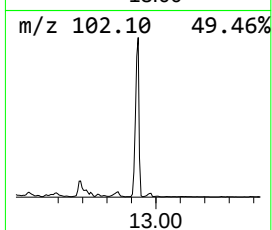
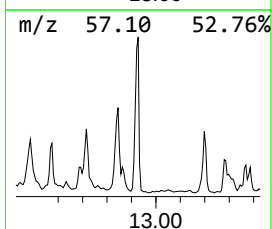
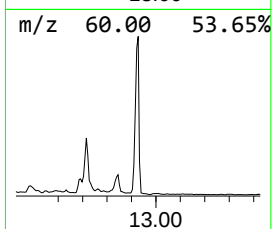
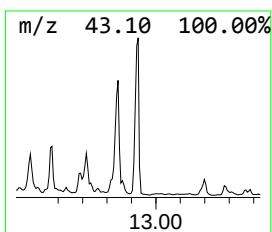
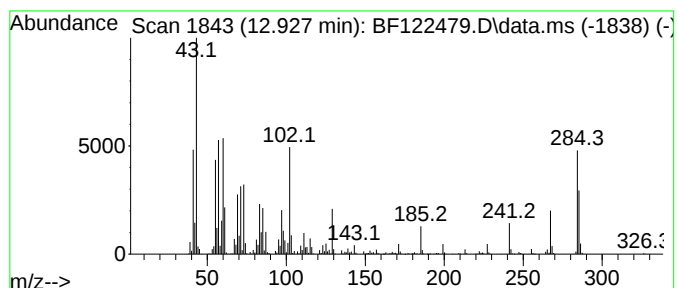
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 18 i-Propyl 16-methyl-heptadec... Concentration Rank 3

| R.T.   | EstConc  | Area    | Relative to ISTD | R.T.   |
|--------|----------|---------|------------------|--------|
| 12.927 | 83.01 ng | 8694210 | Chrysene-d12     | 14.021 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|----------|--------------|------|
| 1    |    |   | i-Propyl 16-methyl-heptadecanoate   | 326 | C21H42O2 | 1000336-66-3 | 83   |
| 2    |    |   | Isopropyl stearate                  | 326 | C21H42O2 | 000112-10-7  | 76   |
| 3    |    |   | Octadecanoic acid                   | 284 | C18H36O2 | 000057-11-4  | 50   |
| 4    |    |   | Octadecanoic acid, 2-(2-hydroxye... | 372 | C22H44O4 | 000106-11-6  | 43   |
| 5    |    |   | Isopropyl myristate                 | 270 | C17H34O2 | 000110-27-0  | 38   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF112520\  
Data File : BF122479.D  
Acq On : 25 Nov 2020 12:12  
Operator : JU/CG  
Sample : L4801-01  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EFF-WW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF110920.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

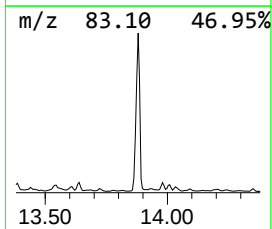
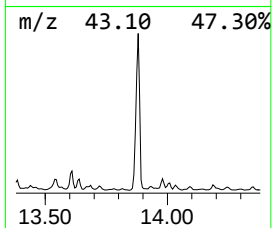
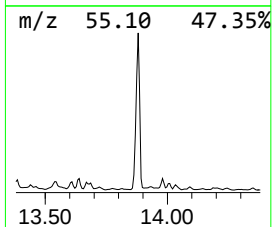
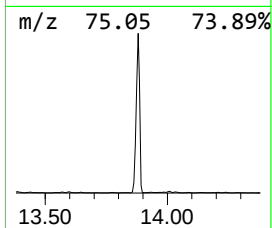
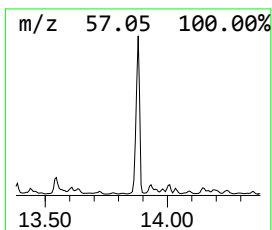
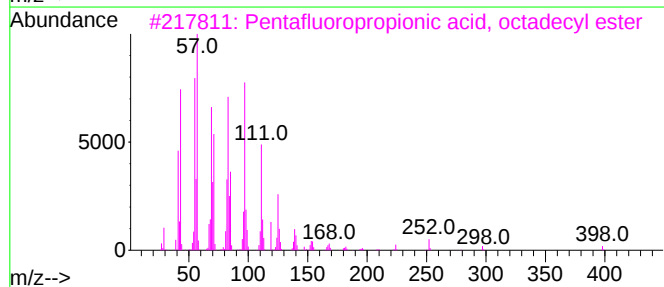
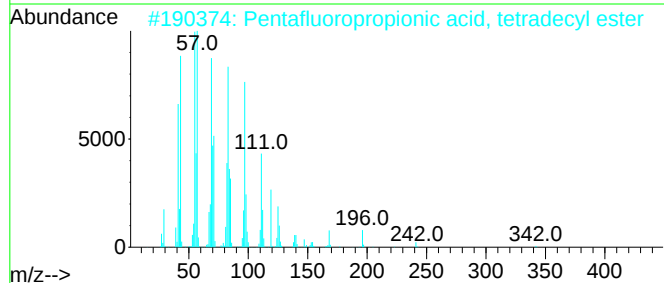
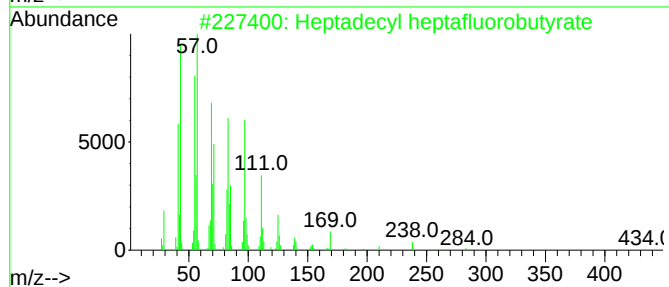
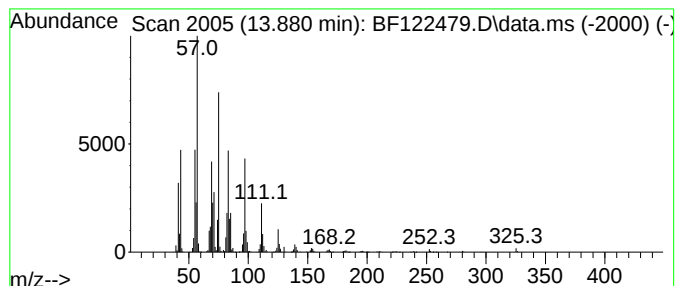
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 19 Heptadecyl heptafluorobutyrate Concentration Rank 4

| R.T.   | EstConc  | Area    | Relative to ISTD | R.T.   |
|--------|----------|---------|------------------|--------|
| 13.880 | 79.80 ng | 8358190 | Chrysene-d12     | 14.021 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm    | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|------------|--------------|------|
| 1    |    |   | Heptadecyl heptafluorobutyrate      | 452 | C21H35F7O2 | 959085-66-6  | 86   |
| 2    |    |   | Pentafluoropropionic acid, tetra... | 360 | C17H29F5O2 | 006222-06-6  | 70   |
| 3    |    |   | Pentafluoropropionic acid, octad... | 416 | C21H37F5O2 | 959261-25-7  | 70   |
| 4    |    |   | Heptadecyl trifluoroacetate         | 352 | C19H35F3O2 | 1000351-87-0 | 70   |
| 5    |    |   | Pentafluoropropionic acid, hepta... | 402 | C20H35F5O2 | 959218-78-1  | 70   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF112520\  
Data File : BF122479.D  
Acq On : 25 Nov 2020 12:12  
Operator : JU/CG  
Sample : L4801-01  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EFF-WW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF110920.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

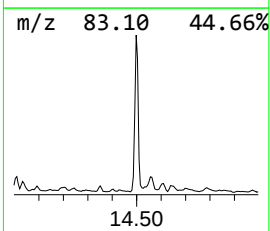
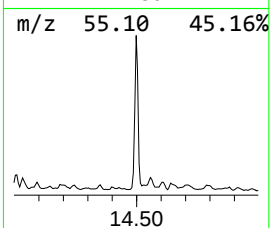
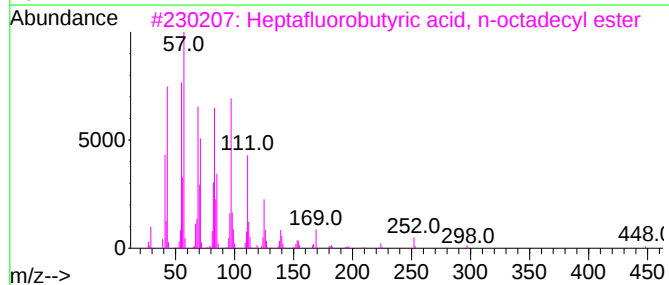
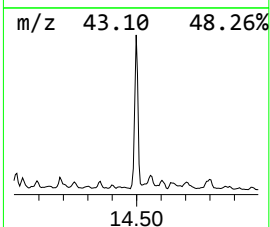
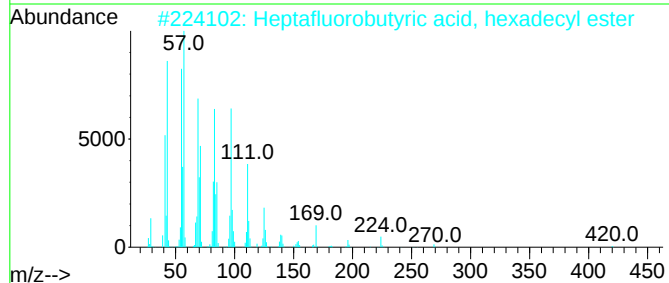
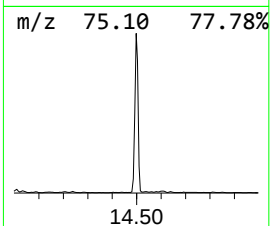
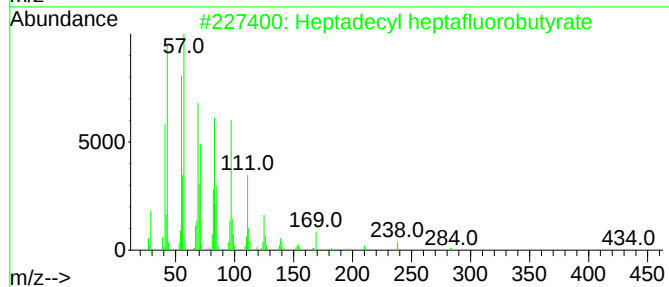
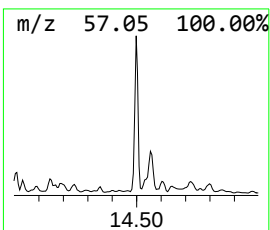
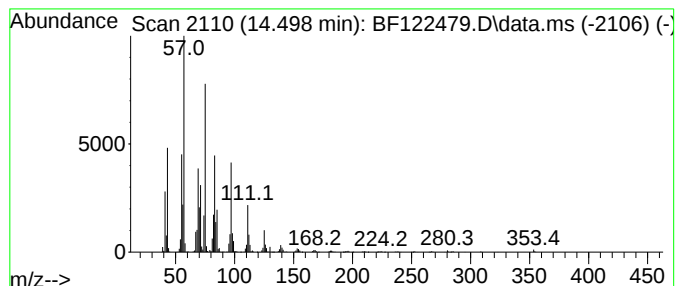
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 20 Heptafluorobutyric acid, he... Concentration Rank 14

| R.T.   | EstConc  | Area    | Relative to ISTD | R.T.   |
|--------|----------|---------|------------------|--------|
| 14.498 | 33.74 ng | 3533320 | Chrysene-d12     | 14.021 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm    | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|------------|--------------|------|
| 1    |    |   | Heptadecyl heptafluorobutyrate      | 452 | C21H35F7O2 | 959085-66-6  | 83   |
| 2    |    |   | Heptafluorobutyric acid, hexadec... | 438 | C20H33F7O2 | 006385-15-5  | 64   |
| 3    |    |   | Heptafluorobutyric acid, n-octad... | 466 | C22H37F7O2 | 000400-57-7  | 64   |
| 4    |    |   | Heptadecyl trifluoroacetate         | 352 | C19H35F3O2 | 1000351-87-0 | 64   |
| 5    |    |   | Pentafluoropropionic acid, octad... | 416 | C21H37F5O2 | 959261-25-7  | 64   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF112520\  
 Data File : BF122479.D  
 Acq On : 25 Nov 2020 12:12  
 Operator : JU/CG  
 Sample : L4801-01  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 EFF-WW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF110920.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  | 44.3    | ng    | 2885670  | 1                     | 6.857  | 1304230 | 20.0 |
| unknown4.62        | 4.622  | 32.4    | ng    | 2115510  | 1                     | 6.857  | 1304230 | 20.0 |
| 1-Hexanol          | 5.439  | 49.5    | ng    | 3227020  | 1                     | 6.857  | 1304230 | 20.0 |
| Hexanoic acid, ... | 6.010  | 101.2   | ng    | 6601920  | 1                     | 6.857  | 1304230 | 20.0 |
| Hexanoic acid      | 6.604  | 35.3    | ng    | 2302090  | 1                     | 6.857  | 1304230 | 20.0 |
| 1-Hexanol, 2-et... | 6.928  | 49.8    | ng    | 3249730  | 1                     | 6.857  | 1304230 | 20.0 |
| Octanoic acid, ... | 7.610  | 62.6    | ng    | 4850780  | 2                     | 8.139  | 1550890 | 20.0 |
| Dodecanoic acid    | 10.133 | 30.7    | ng    | 3594630  | 3                     | 9.892  | 2343250 | 20.0 |
| 1-Octanol, 5,7,... | 10.951 | 54.0    | ng    | 4871890  | 4                     | 11.380 | 1802840 | 20.0 |
| Tricosyl triflu... | 10.980 | 30.3    | ng    | 2733390  | 4                     | 11.380 | 1802840 | 20.0 |
| n-Hexadecanoic ... | 11.921 | 29.8    | ng    | 2686790  | 4                     | 11.380 | 1802840 | 20.0 |
| Tetradecanedioi... | 11.968 | 30.8    | ng    | 2779700  | 4                     | 11.380 | 1802840 | 20.0 |
| 12-Octadecenoic... | 12.486 | 57.0    | ng    | 5134690  | 4                     | 11.380 | 1802840 | 20.0 |
| Methyl stearate    | 12.574 | 34.2    | ng    | 3083100  | 4                     | 11.380 | 1802840 | 20.0 |
| Octadecanoic acid  | 12.715 | 31.9    | ng    | 3336690  | 5                     | 14.021 | 2094680 | 20.0 |
| n-Propyl 11-oct... | 12.845 | 115.1   | ng    | 12055500 | 5                     | 14.021 | 2094680 | 20.0 |
| i-Propyl 16-met... | 12.927 | 83.0    | ng    | 8694210  | 5                     | 14.021 | 2094680 | 20.0 |
| Heptadecyl hept... | 13.880 | 79.8    | ng    | 8358190  | 5                     | 14.021 | 2094680 | 20.0 |
| Heptafluorobuty... | 14.498 | 33.7    | ng    | 3533320  | 5                     | 14.021 | 2094680 | 20.0 |