

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP071124\  
 Data File : BP020917.D  
 Acq On : 12 Jul 2024 01:25  
 Operator : MA/JU  
 Sample : P3087-08  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 A4CB5

Integration Parameters: LSCINT.P

Integrator: RTE  
 Smoothing : OFF Filtering: 5  
 Sampling : 1 Min Area: 0.1 % of largest Peak  
 Start Thrs: 0.2 Max Peaks: 100  
 Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
 Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP071024.MA.M  
 Title : SVOA CALIBRATION

Signal : TIC: BP020917.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         | 3.258       | 42            | 46          | 54           | rVB      | 37128          | 48111         | 0.84%           | 0.066%        |
| 2         | 3.528       | 89            | 92          | 103          | rVB      | 49577          | 76250         | 1.33%           | 0.105%        |
| 3         | 3.669       | 114           | 116         | 130          | rBV      | 420995         | 622367        | 10.89%          | 0.858%        |
| 4         | 3.764       | 130           | 132         | 139          | rVB4     | 13847          | 20153         | 0.35%           | 0.028%        |
| 5         | 3.975       | 165           | 168         | 175          | rVB      | 13634          | 19741         | 0.35%           | 0.027%        |
| 6         | 4.340       | 227           | 230         | 235          | rVB6     | 5643           | 9451          | 0.17%           | 0.013%        |
| 7         | 4.875       | 315           | 321         | 326          | rBV      | 10815          | 18184         | 0.32%           | 0.025%        |
| 8         | 5.122       | 359           | 363         | 369          | rBV      | 10653          | 15696         | 0.27%           | 0.022%        |
| 9         | 6.787       | 637           | 646         | 649          | rBV9     | 5963           | 14688         | 0.26%           | 0.020%        |
| 10        | 6.916       | 661           | 668         | 681          | rBV      | 761647         | 1265561       | 22.15%          | 1.745%        |
| 11        | 7.058       | 686           | 692         | 704          | rVB      | 589327         | 967410        | 16.93%          | 1.334%        |
| 12        | 7.263       | 720           | 727         | 738          | rBV      | 854057         | 1315948       | 23.03%          | 1.814%        |
| 13        | 7.357       | 738           | 743         | 746          | rVB4     | 7319           | 15170         | 0.27%           | 0.021%        |
| 14        | 7.710       | 795           | 803         | 815          | rBV      | 769041         | 1278164       | 22.37%          | 1.762%        |
| 15        | 8.316       | 900           | 906         | 908          | rBV6     | 4769           | 8585          | 0.15%           | 0.012%        |
| 16        | 8.428       | 918           | 925         | 940          | rBV      | 935885         | 1558438       | 27.28%          | 2.148%        |
| 17        | 8.869       | 991           | 1000        | 1011         | rBV      | 741780         | 1277974       | 22.37%          | 1.762%        |
| 18        | 9.022       | 1020          | 1026        | 1031         | rVB3     | 19265          | 32576         | 0.57%           | 0.045%        |
| 19        | 9.422       | 1090          | 1094        | 1100         | rVB      | 13256          | 21549         | 0.38%           | 0.030%        |
| 20        | 9.575       | 1112          | 1120        | 1134         | rBV      | 620203         | 1126207       | 19.71%          | 1.553%        |
| 21        | 9.834       | 1155          | 1164        | 1170         | rBV8     | 9757           | 24104         | 0.42%           | 0.033%        |
| 22        | 10.122      | 1206          | 1213        | 1232         | rBV      | 1029730        | 1773441       | 31.04%          | 2.445%        |
| 23        | 10.487      | 1268          | 1275        | 1287         | rBV      | 1170789        | 1926736       | 33.72%          | 2.656%        |
| 24        | 10.628      | 1292          | 1299        | 1316         | rBV      | 518961         | 1132073       | 19.81%          | 1.561%        |
| 25        | 10.893      | 1338          | 1344        | 1351         | rVB      | 5010           | 12717         | 0.22%           | 0.018%        |
| 26        | 11.022      | 1361          | 1366        | 1374         | rBV10    | 10923          | 23307         | 0.41%           | 0.032%        |
| 27        | 11.234      | 1395          | 1402        | 1408         | rBV2     | 45104          | 97183         | 1.70%           | 0.134%        |
| 28        | 11.287      | 1409          | 1411        | 1419         | rVB5     | 13207          | 25034         | 0.44%           | 0.035%        |
| 29        | 11.993      | 1525          | 1531        | 1532         | rBV4     | 5682           | 9310          | 0.16%           | 0.013%        |
| 30        | 12.010      | 1532          | 1534        | 1540         | rVV7     | 7067           | 12947         | 0.23%           | 0.018%        |
| 31        | 12.075      | 1540          | 1545        | 1551         | rVB      | 16711          | 31020         | 0.54%           | 0.043%        |
| 32        | 12.157      | 1554          | 1559        | 1562         | rBV6     | 5153           | 9589          | 0.17%           | 0.013%        |
| 33        | 12.628      | 1631          | 1639        | 1642         | rBV10    | 5737           | 12462         | 0.22%           | 0.017%        |
| 34        | 12.940      | 1687          | 1692        | 1698         | rBV8     | 7552           | 12970         | 0.23%           | 0.018%        |
| 35        | 13.292      | 1744          | 1752        | 1762         | rVB7     | 16315          | 39552         | 0.69%           | 0.055%        |
| 36        | 13.404      | 1766          | 1771        | 1778         | rBV7     | 6106           | 12969         | 0.23%           | 0.018%        |

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 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 A4CB5

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0.1 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP071024.MA.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 37 | 13.757 | 1821 | 1831 | 1839 | rBV  | 1871188 | 2629765 | 46.03% | 3.625% |
| 38 | 13.828 | 1839 | 1843 | 1854 | rVB  | 12053   | 35126   | 0.61%  | 0.048% |
| 39 | 13.998 | 1866 | 1872 | 1873 | rBV6 | 16746   | 25375   | 0.44%  | 0.035% |
| 40 | 14.039 | 1873 | 1879 | 1889 | rVB  | 2142264 | 3145796 | 55.06% | 4.337% |
| 41 | 14.234 | 1907 | 1912 | 1919 | rBV9 | 13699   | 29225   | 0.51%  | 0.040% |
| 42 | 14.351 | 1925 | 1932 | 1939 | rBV  | 1760861 | 2633298 | 46.09% | 3.630% |
| 43 | 14.410 | 1939 | 1942 | 1949 | rVB5 | 11433   | 24335   | 0.43%  | 0.034% |
| 44 | 14.581 | 1962 | 1971 | 1974 | rBV  | 1211857 | 2734872 | 47.87% | 3.770% |
| 45 | 14.739 | 1995 | 1998 | 2002 | rBV5 | 11874   | 18917   | 0.33%  | 0.026% |
| 46 | 14.781 | 2002 | 2005 | 2012 | rVB8 | 18632   | 29277   | 0.51%  | 0.040% |
| 47 | 14.851 | 2013 | 2017 | 2030 | rVB5 | 18878   | 46188   | 0.81%  | 0.064% |
| 48 | 15.198 | 2074 | 2076 | 2081 | rVB6 | 16694   | 20037   | 0.35%  | 0.028% |
| 49 | 15.251 | 2081 | 2085 | 2090 | rVB8 | 11807   | 19904   | 0.35%  | 0.027% |
| 50 | 15.357 | 2090 | 2103 | 2112 | rBV  | 2843067 | 3974337 | 69.56% | 5.479% |
| 51 | 15.498 | 2121 | 2127 | 2141 | rBV  | 654613  | 1124294 | 19.68% | 1.550% |
| 52 | 15.610 | 2143 | 2146 | 2147 | rBV2 | 11146   | 11848   | 0.21%  | 0.016% |
| 53 | 15.728 | 2161 | 2166 | 2170 | rBV2 | 25486   | 50091   | 0.88%  | 0.069% |
| 54 | 15.769 | 2170 | 2173 | 2180 | rVB6 | 24916   | 41002   | 0.72%  | 0.057% |
| 55 | 15.945 | 2198 | 2203 | 2210 | rBV9 | 12200   | 25054   | 0.44%  | 0.035% |
| 56 | 16.086 | 2223 | 2227 | 2236 | rBV6 | 19417   | 45062   | 0.79%  | 0.062% |
| 57 | 16.163 | 2236 | 2240 | 2246 | rVB6 | 10757   | 20793   | 0.36%  | 0.029% |
| 58 | 16.263 | 2253 | 2257 | 2258 | rBV3 | 6724    | 8999    | 0.16%  | 0.012% |
| 59 | 16.292 | 2258 | 2262 | 2265 | rVV6 | 14983   | 26603   | 0.47%  | 0.037% |
| 60 | 16.328 | 2266 | 2268 | 2270 | rVV3 | 16778   | 13063   | 0.23%  | 0.018% |
| 61 | 16.357 | 2271 | 2273 | 2280 | rVB5 | 12003   | 21509   | 0.38%  | 0.030% |
| 62 | 16.422 | 2280 | 2284 | 2286 | rBV5 | 8032    | 12204   | 0.21%  | 0.017% |
| 63 | 16.551 | 2301 | 2306 | 2321 | rBV2 | 93182   | 219399  | 3.84%  | 0.302% |
| 64 | 16.686 | 2323 | 2329 | 2333 | rBV6 | 15704   | 30234   | 0.53%  | 0.042% |
| 65 | 16.892 | 2360 | 2364 | 2365 | rBV4 | 17405   | 24114   | 0.42%  | 0.033% |
| 66 | 17.081 | 2391 | 2396 | 2401 | rVB7 | 30883   | 61816   | 1.08%  | 0.085% |
| 67 | 17.163 | 2401 | 2410 | 2415 | rBV  | 2246886 | 3187946 | 55.80% | 4.395% |
| 68 | 17.204 | 2415 | 2417 | 2421 | rVV  | 188569  | 238723  | 4.18%  | 0.329% |
| 69 | 17.263 | 2421 | 2427 | 2438 | rVB  | 2868727 | 4236955 | 74.16% | 5.841% |
| 70 | 17.351 | 2438 | 2442 | 2445 | rBV3 | 36020   | 49181   | 0.86%  | 0.068% |
| 71 | 17.569 | 2476 | 2479 | 2488 | rBV4 | 33658   | 56190   | 0.98%  | 0.077% |
| 72 | 17.786 | 2510 | 2516 | 2522 | rBV  | 136838  | 250156  | 4.38%  | 0.345% |
| 73 | 17.969 | 2543 | 2547 | 2555 | rVB5 | 50939   | 91791   | 1.61%  | 0.127% |
| 74 | 18.039 | 2556 | 2559 | 2563 | rBV5 | 19472   | 31268   | 0.55%  | 0.043% |
| 75 | 18.110 | 2563 | 2571 | 2579 | rBV  | 1113701 | 2183017 | 38.21% | 3.009% |
| 76 | 18.269 | 2594 | 2598 | 2603 | rBV3 | 102294  | 154589  | 2.71%  | 0.213% |

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Instrument :  
 BNA\_P  
 ClientSampleId :  
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Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0.1 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP071024.MA.M  
 Title : SVOA CALIBRATION

|     |        |      |      |      |      |         |         |         |        |
|-----|--------|------|------|------|------|---------|---------|---------|--------|
| 77  | 18.333 | 2606 | 2609 | 2613 | rVB2 | 56454   | 70782   | 1.24%   | 0.098% |
| 78  | 18.380 | 2613 | 2617 | 2625 | rBV5 | 78075   | 161445  | 2.83%   | 0.223% |
| 79  | 18.563 | 2646 | 2648 | 2650 | rBV3 | 37505   | 43957   | 0.77%   | 0.061% |
| 80  | 19.004 | 2719 | 2723 | 2729 | rBV5 | 98781   | 164397  | 2.88%   | 0.227% |
| 81  | 19.075 | 2730 | 2735 | 2740 | rVB3 | 74771   | 121239  | 2.12%   | 0.167% |
| 82  | 19.127 | 2740 | 2744 | 2748 | rBV2 | 148114  | 263713  | 4.62%   | 0.364% |
| 83  | 19.304 | 2766 | 2774 | 2782 | rBV2 | 576153  | 1186116 | 20.76%  | 1.635% |
| 84  | 19.427 | 2791 | 2795 | 2805 | rVB3 | 543612  | 866785  | 15.17%  | 1.195% |
| 85  | 19.651 | 2827 | 2833 | 2848 | rBV  | 3400430 | 5713268 | 100.00% | 7.876% |
| 86  | 19.910 | 2874 | 2877 | 2882 | rVB3 | 63309   | 77027   | 1.35%   | 0.106% |
| 87  | 20.198 | 2923 | 2926 | 2939 | rVB3 | 205775  | 496959  | 8.70%   | 0.685% |
| 88  | 20.474 | 2969 | 2973 | 2978 | rBV2 | 153339  | 248880  | 4.36%   | 0.343% |
| 89  | 20.739 | 3015 | 3018 | 3023 | rBV  | 189813  | 231584  | 4.05%   | 0.319% |
| 90  | 21.280 | 3105 | 3110 | 3118 | rBV  | 1178439 | 2022292 | 35.40%  | 2.788% |
| 91  | 21.563 | 3154 | 3158 | 3161 | rBV  | 313820  | 410329  | 7.18%   | 0.566% |
| 92  | 21.621 | 3162 | 3168 | 3174 | rVV2 | 1997053 | 3404830 | 59.60%  | 4.694% |
| 93  | 22.486 | 3311 | 3315 | 3317 | rBV  | 283457  | 425905  | 7.45%   | 0.587% |
| 94  | 22.527 | 3317 | 3322 | 3333 | rVB  | 1021432 | 2189471 | 38.32%  | 3.018% |
| 95  | 23.404 | 3466 | 3471 | 3479 | rVB  | 435010  | 859445  | 15.04%  | 1.185% |
| 96  | 24.068 | 3579 | 3584 | 3591 | rVB  | 580166  | 1114834 | 19.51%  | 1.537% |
| 97  | 24.151 | 3594 | 3598 | 3612 | rVB2 | 450904  | 1148933 | 20.11%  | 1.584% |
| 98  | 24.745 | 3691 | 3699 | 3708 | rVB2 | 1768652 | 4549927 | 79.64%  | 6.272% |
| 99  | 24.974 | 3730 | 3738 | 3747 | rBV2 | 1278694 | 3310825 | 57.95%  | 4.564% |
| 100 | 25.621 | 3842 | 3848 | 3860 | rVB2 | 395640  | 1007599 | 17.64%  | 1.389% |

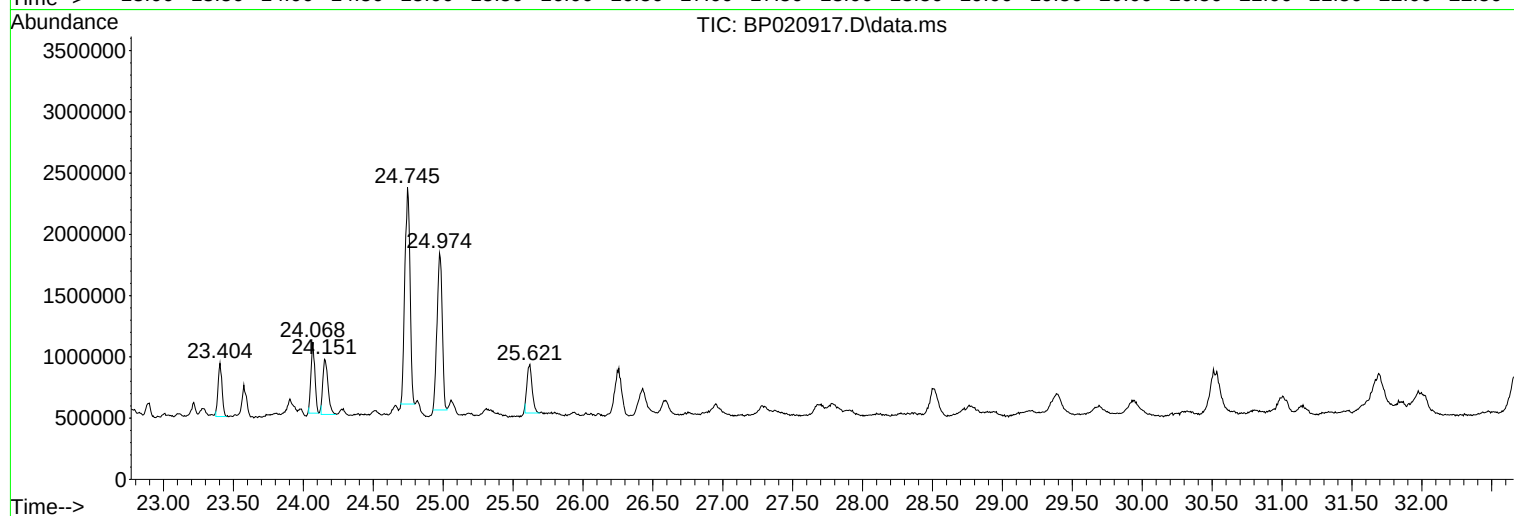
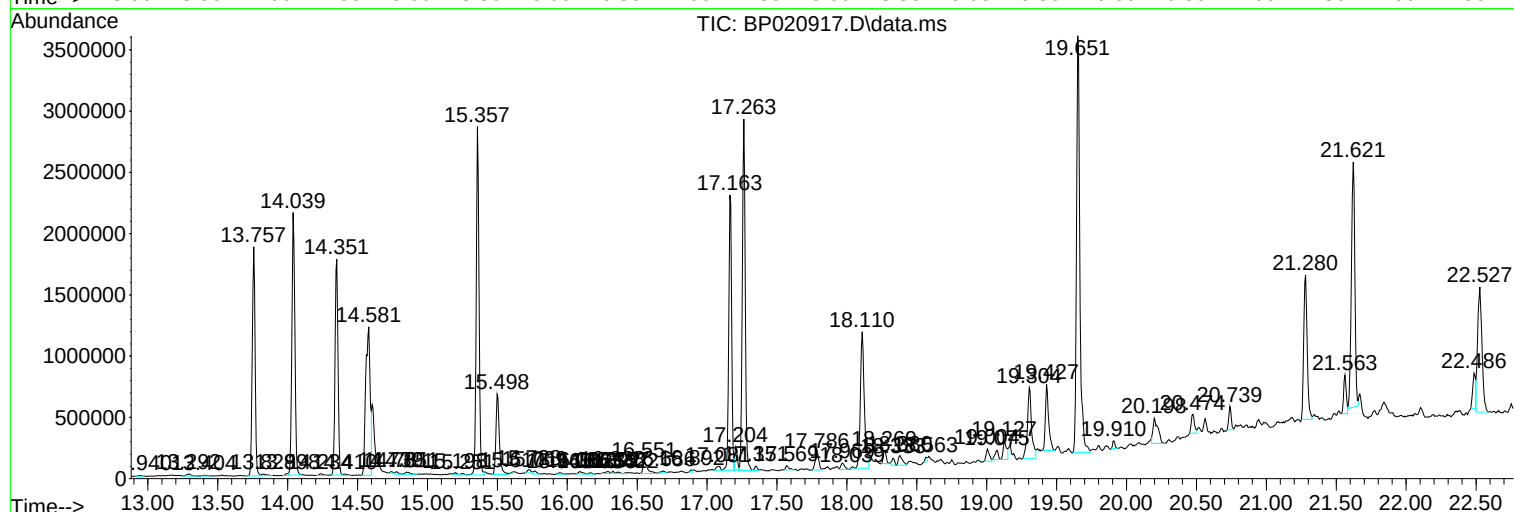
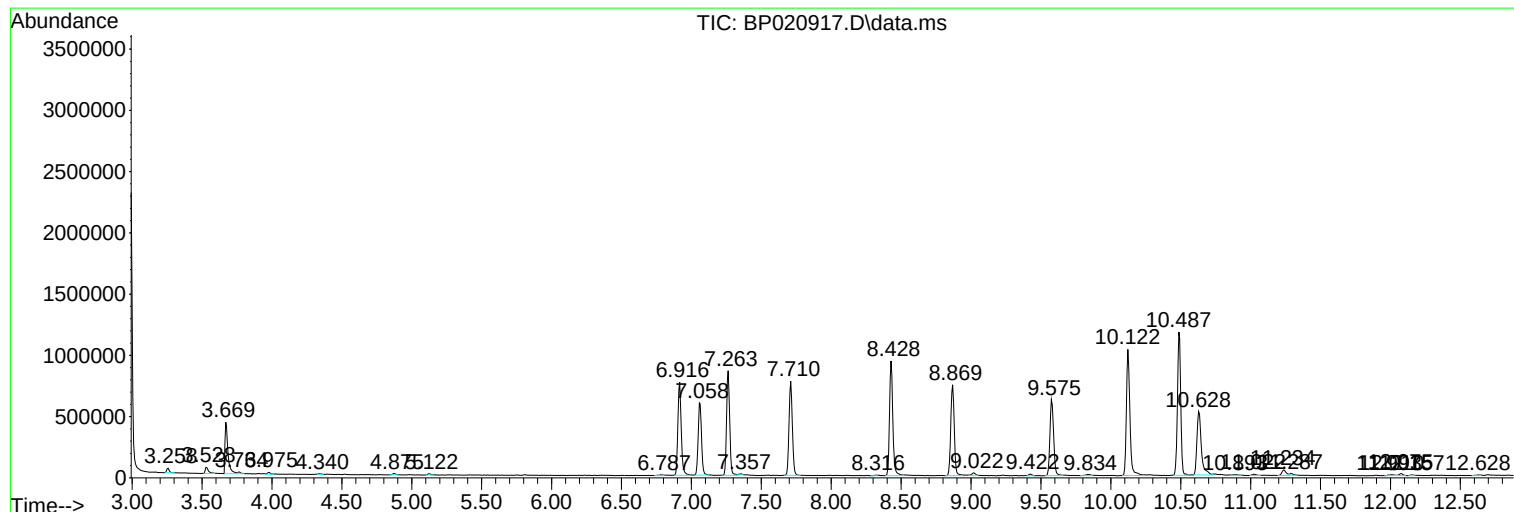
Sum of corrected areas: 72540532

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Instrument :  
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ClientSampleId :  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP071024.MA.M  
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP071124\  
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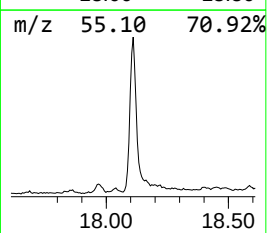
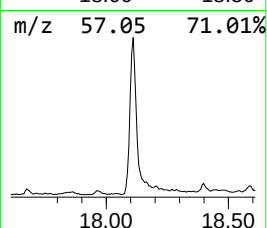
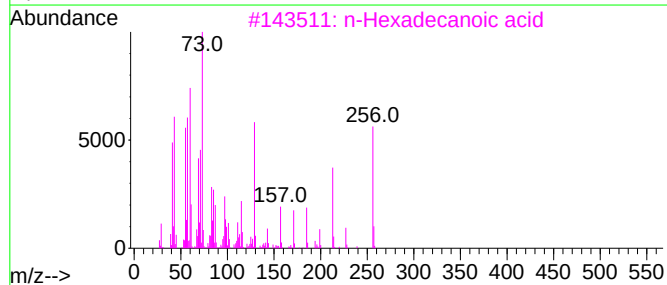
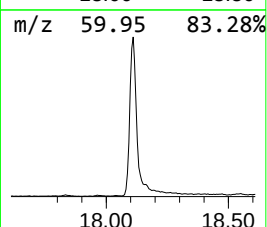
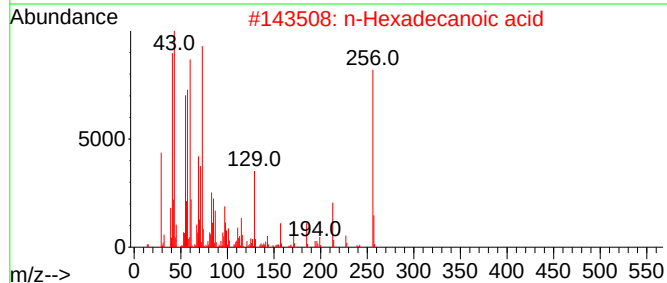
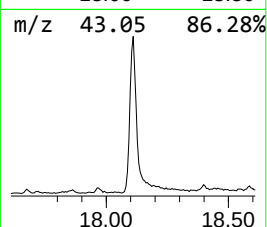
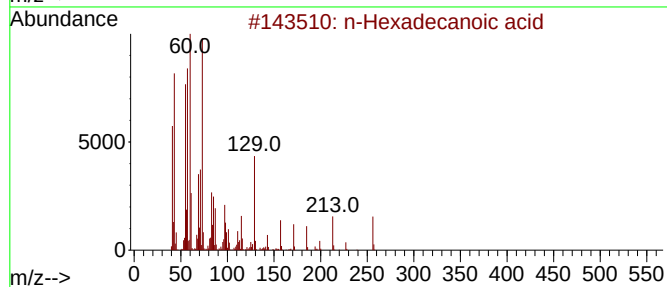
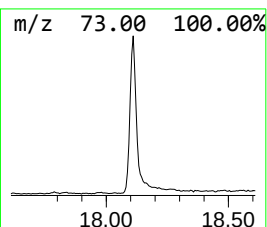
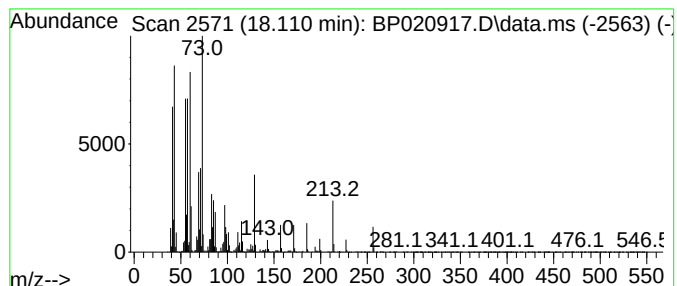
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP071024.MA.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

| R.T.   | EstConc     | Area    | Relative to ISTD | R.T.   |
|--------|-------------|---------|------------------|--------|
| 18.110 | 13.70 ng/ul | 2183020 | Phenanthrene-d10 | 17.163 |

| Hit# | of | 5 | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|---------------------|-----|----------|-------------|------|
| 1    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 99   |
| 2    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 99   |
| 3    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 99   |
| 4    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 98   |
| 5    |    |   | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 95   |



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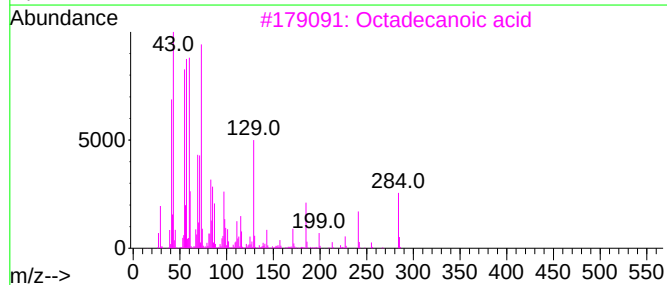
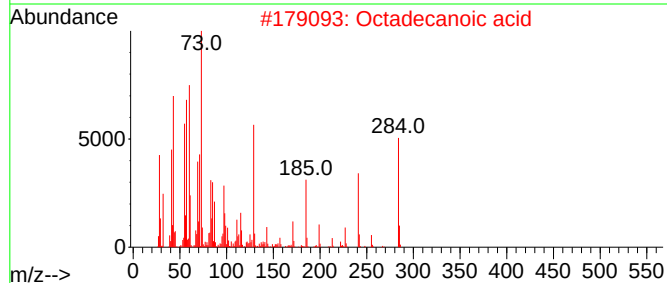
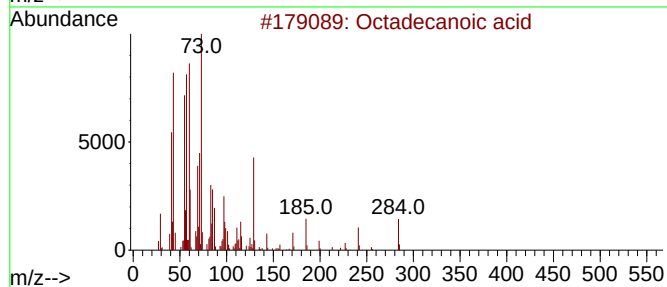
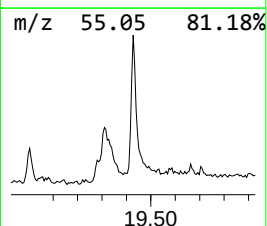
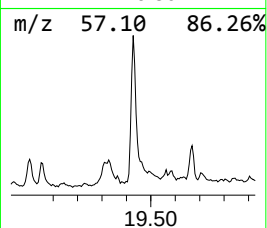
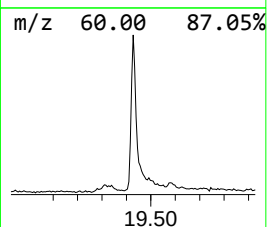
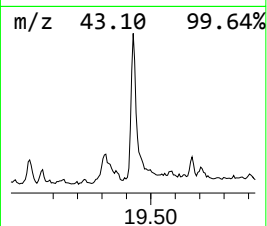
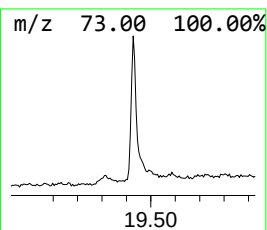
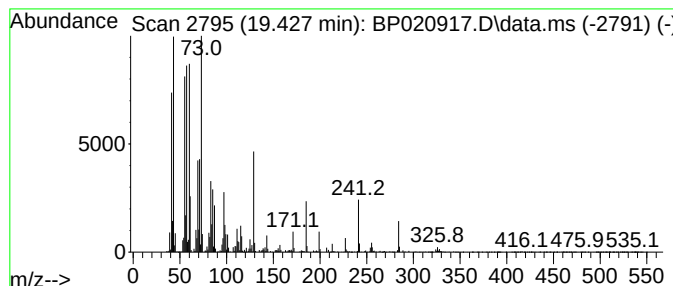
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP071024.MA.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 2 Octadecanoic acid Concentration Rank 8

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 19.427 | 5.09 ng/ul | 866785 | Chrysene-d12     | 21.621 |

| Hit# | of | 5 | Tentative ID       | MW  | MolForm  | CAS#        | Qual |
|------|----|---|--------------------|-----|----------|-------------|------|
| 1    |    |   | Octadecanoic acid  | 284 | C18H36O2 | 000057-11-4 | 99   |
| 2    |    |   | Octadecanoic acid  | 284 | C18H36O2 | 000057-11-4 | 99   |
| 3    |    |   | Octadecanoic acid  | 284 | C18H36O2 | 000057-11-4 | 99   |
| 4    |    |   | Octadecanoic acid  | 284 | C18H36O2 | 000057-11-4 | 95   |
| 5    |    |   | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 89   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP071124\  
Data File : BP020917.D  
Acq On : 12 Jul 2024 01:25  
Operator : MA/JU  
Sample : P3087-08  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

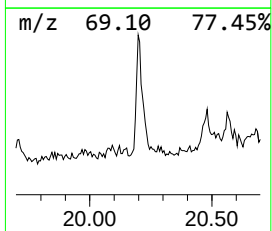
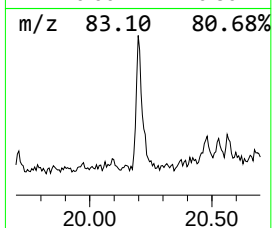
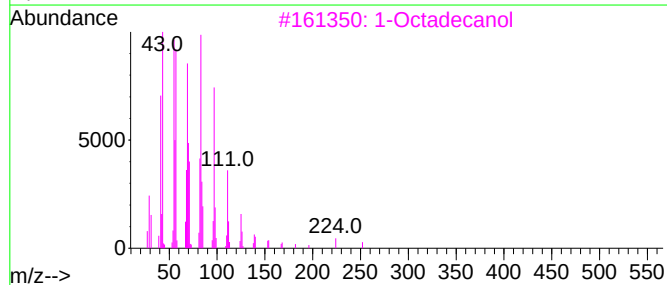
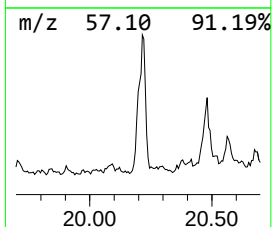
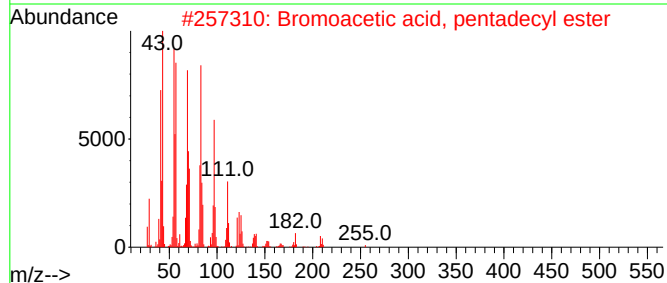
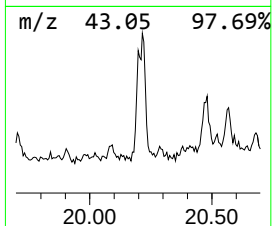
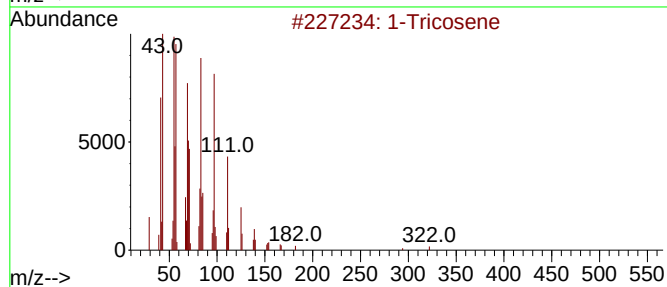
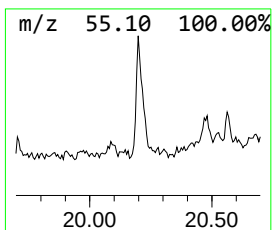
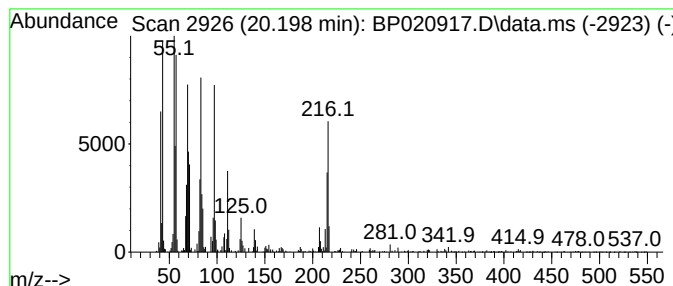
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Quant Title : SVOA CALIBRATION

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

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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 9

| R.T.      | EstConc                            | Area   | Relative to ISTD |            | R.T.        |      |
|-----------|------------------------------------|--------|------------------|------------|-------------|------|
| 20.198    | 2.92 ng/ul                         | 496959 | Chrysene-d12     |            | 21.621      |      |
| Hit# of 5 | Tentative ID                       |        | MW               | MolForm    | CAS#        | Qual |
| 1         | 1-Tricosene                        |        | 322              | C23H46     | 018835-32-0 | 99   |
| 2         | Bromoacetic acid, pentadecyl ester |        | 348              | C17H33BrO2 | 131143-01-6 | 93   |
| 3         | 1-Octadecanol                      |        | 270              | C18H38O    | 000112-92-5 | 91   |
| 4         | Bromoacetic acid, octadecyl ester  |        | 390              | C20H39BrO2 | 018992-03-5 | 91   |
| 5         | 1-Heneicosanol                     |        | 312              | C21H44O    | 015594-90-8 | 90   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP071124\  
Data File : BP020917.D  
Acq On : 12 Jul 2024 01:25  
Operator : MA/JU  
Sample : P3087-08  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
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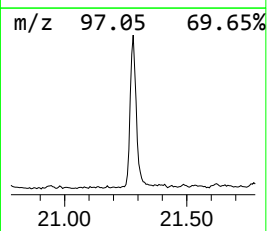
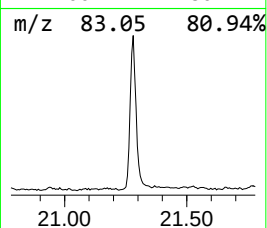
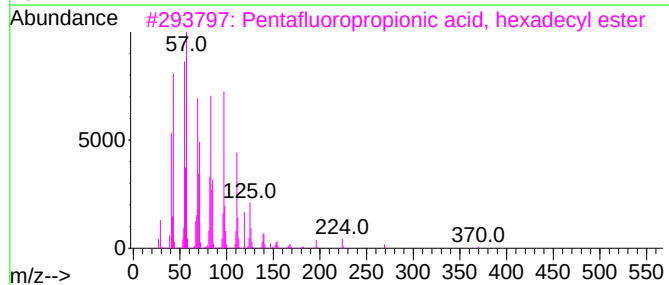
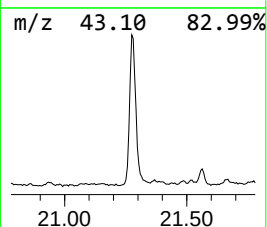
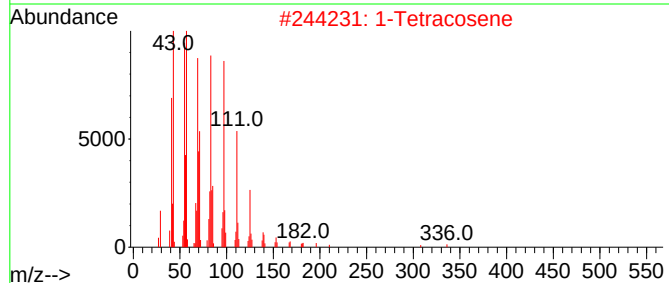
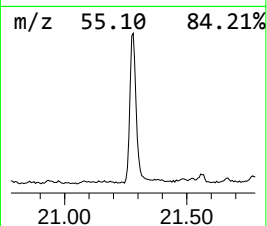
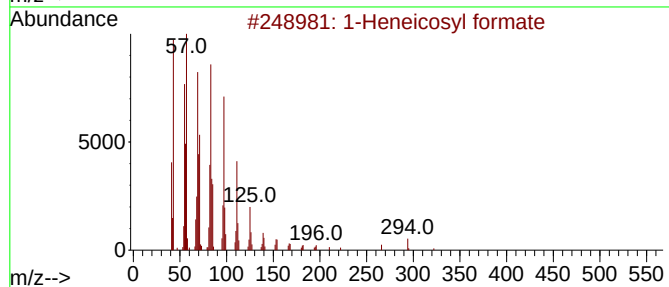
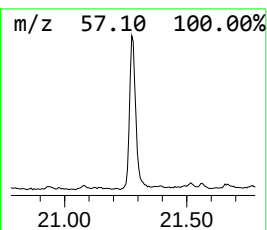
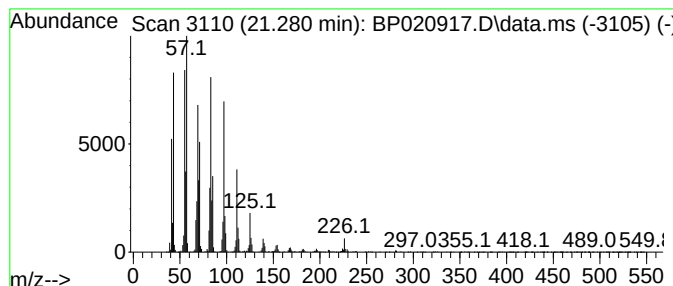
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Quant Title : SVOA CALIBRATION

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

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Peak Number 4 1-Heneicosyl formate Concentration Rank 3

| R.T.   | EstConc     | Area    | Relative to ISTD | R.T.   |
|--------|-------------|---------|------------------|--------|
| 21.280 | 11.88 ng/ul | 2022290 | Chrysene-d12     | 21.621 |

| Hit# | of | 5 | Tentative ID                               | MW  | MolForm    | CAS#        | Qual |
|------|----|---|--------------------------------------------|-----|------------|-------------|------|
| 1    |    |   | 1-Heneicosyl formate                       | 340 | C22H44O2   | 077899-03-7 | 99   |
| 2    |    |   | 1-Tetracosene                              | 336 | C24H48     | 010192-32-2 | 94   |
| 3    |    |   | Pentafluoropropionic acid, hexadecyl ester | 388 | C19H33F5O2 | 006222-07-7 | 94   |
| 4    |    |   | Trifluoroacetoxy hexadecane                | 338 | C18H33F3O2 | 006222-03-3 | 94   |
| 5    |    |   | 1-Hexacosene                               | 364 | C26H52     | 018835-33-1 | 94   |





Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP071124\  
Data File : BP020917.D  
Acq On : 12 Jul 2024 01:25  
Operator : MA/JU  
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Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
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ClientSampleId :  
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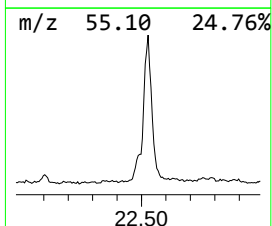
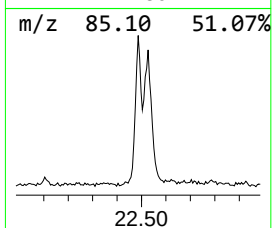
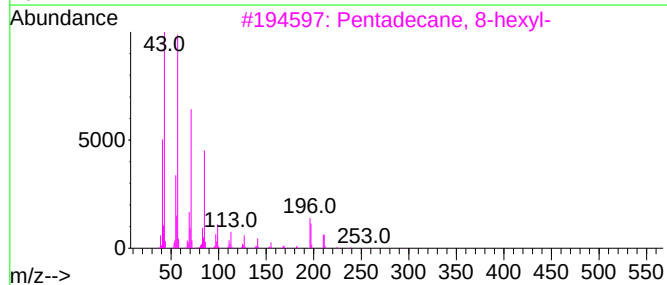
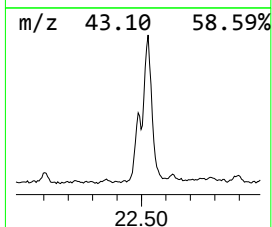
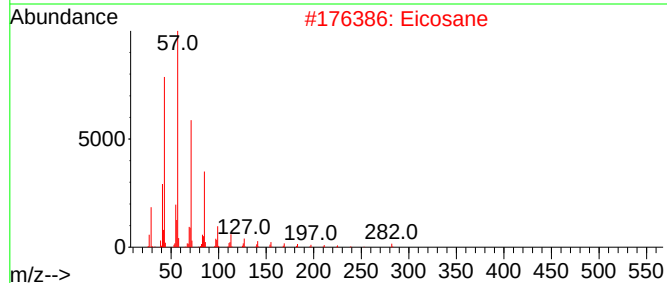
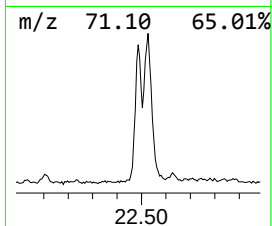
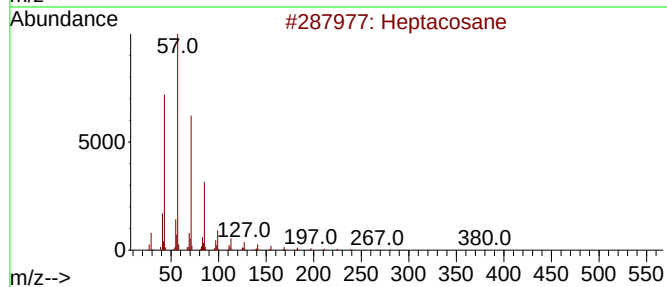
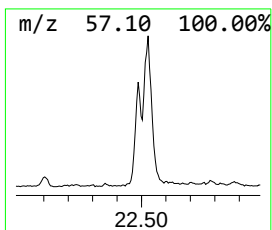
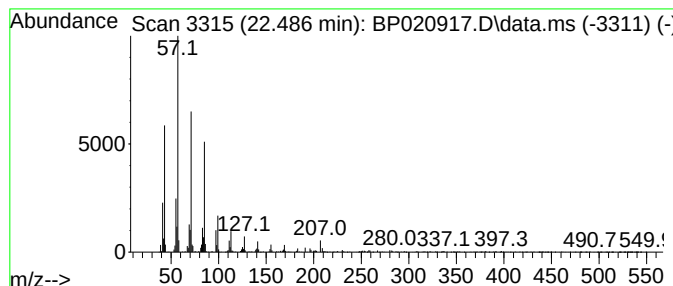
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Quant Title : SVOA CALIBRATION

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

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Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 10

| R.T.      | EstConc               | Area   | Relative to ISTD | R.T.        |      |
|-----------|-----------------------|--------|------------------|-------------|------|
| 22.486    | 2.50 ng/ul            | 425905 | Chrysene-d12     | 21.621      |      |
| Hit# of 5 | Tentative ID          | MW     | MolForm          | CAS#        | Qual |
| 1         | Heptacosane           | 380    | C27H56           | 000593-49-7 | 95   |
| 2         | Eicosane              | 282    | C20H42           | 000112-95-8 | 93   |
| 3         | Pentadecane, 8-hexyl- | 296    | C21H44           | 013475-75-7 | 93   |
| 4         | Docosane, 11-butyl-   | 366    | C26H54           | 013475-76-8 | 93   |
| 5         | 11-Methyltricosane    | 338    | C24H50           | 027538-41-6 | 90   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP071124\  
Data File : BP020917.D  
Acq On : 12 Jul 2024 01:25  
Operator : MA/JU  
Sample : P3087-08  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
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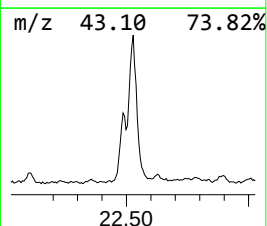
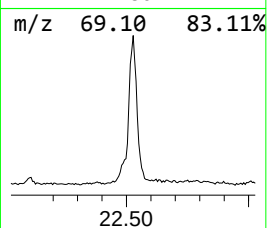
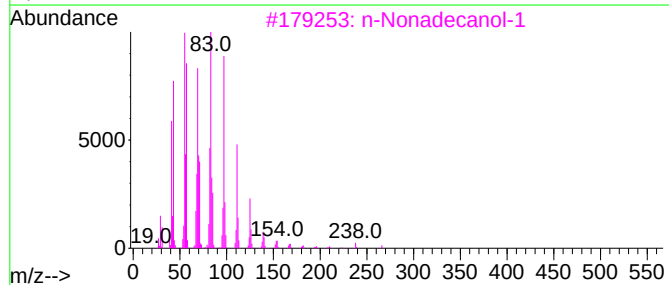
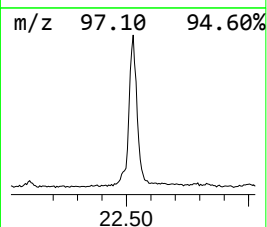
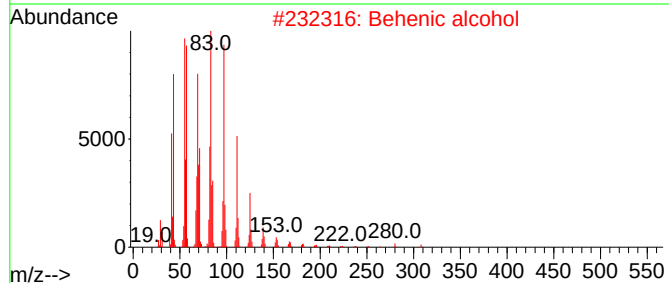
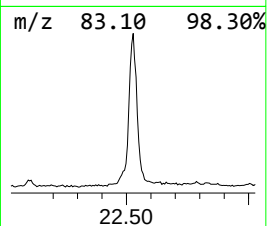
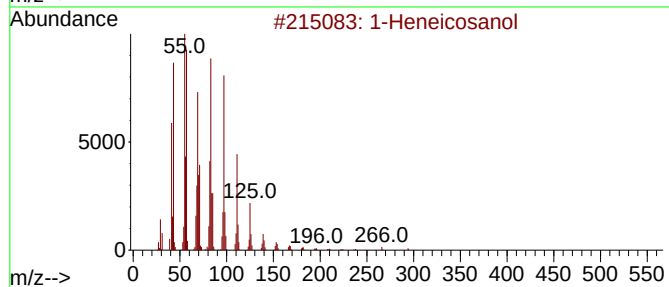
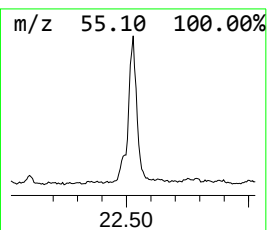
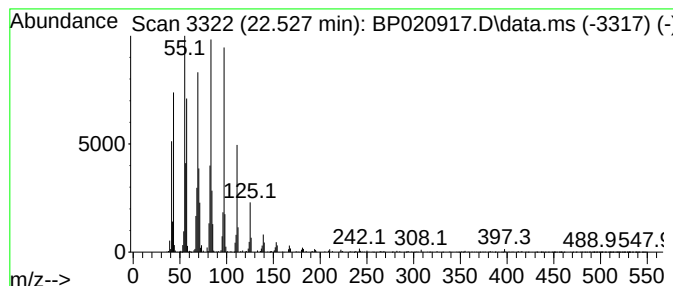
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Quant Title : SVOA CALIBRATION

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

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Peak Number 6 1-Heneicosanol Concentration Rank 2

| R.T.      | EstConc         | Area    | Relative to ISTD | R.T.        |      |
|-----------|-----------------|---------|------------------|-------------|------|
| 22.527    | 12.86 ng/ul     | 2189470 | Chrysene-d12     | 21.621      |      |
| Hit# of 5 | Tentative ID    | MW      | MolForm          | CAS#        | Qual |
| 1         | 1-Heneicosanol  | 312     | C21H44O          | 015594-90-8 | 94   |
| 2         | Behenic alcohol | 326     | C22H46O          | 000661-19-8 | 94   |
| 3         | n-Nonadecanol-1 | 284     | C19H40O          | 001454-84-8 | 94   |
| 4         | 1-Hexacosene    | 364     | C26H52           | 018835-33-1 | 91   |
| 5         | n-Pentadecanol  | 228     | C15H32O          | 000629-76-5 | 87   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP071124\  
Data File : BP020917.D  
Acq On : 12 Jul 2024 01:25  
Operator : MA/JU  
Sample : P3087-08  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
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ClientSampleId :  
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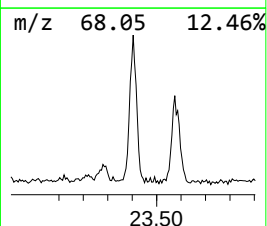
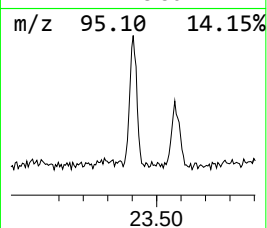
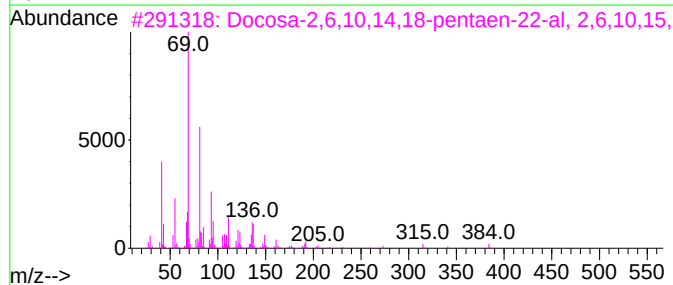
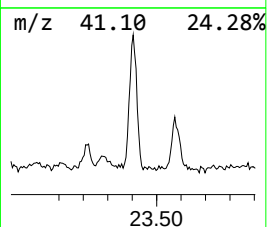
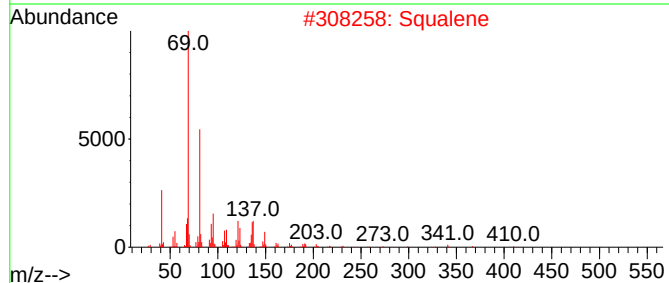
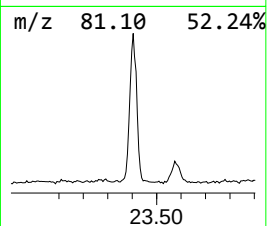
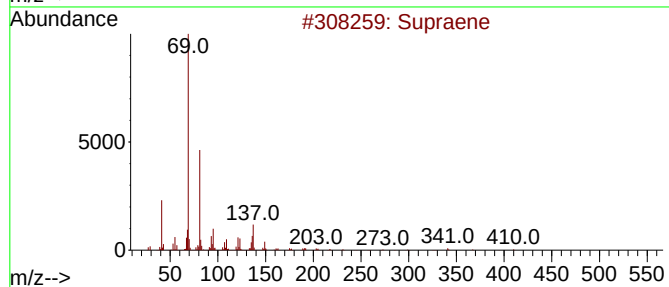
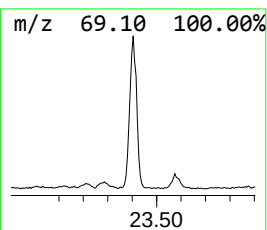
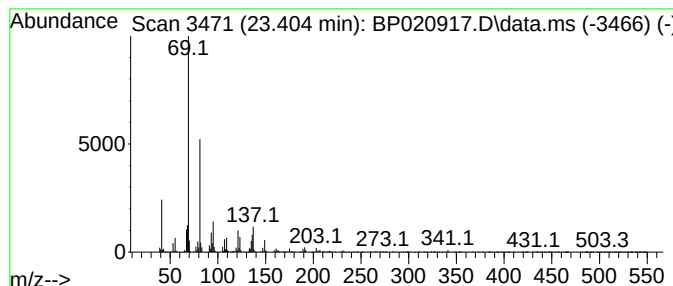
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Quant Title : SVOA CALIBRATION

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

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Peak Number 7 Supraene Concentration Rank 7

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 23.404 | 5.19 ng/ul | 859445 | Perylene-d12     | 24.974 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|---------|--------------|------|
| 1    |    |   | Supraene                            | 410 | C30H50  | 007683-64-9  | 91   |
| 2    |    |   | Squalene                            | 410 | C30H50  | 000111-02-4  | 86   |
| 3    |    |   | Docosa-2,6,10,14,18-pentaen-22-a... | 384 | C27H44O | 1000163-04-7 | 83   |
| 4    |    |   | .psi.,.psi.-Carotene, 7,7',8,8',... | 547 | C40H66  | 000502-62-5  | 83   |
| 5    |    |   | 4,8,12-Tetradecatrienal, 5,9,13-... | 248 | C17H28O | 066408-55-7  | 72   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP071124\  
Data File : BP020917.D  
Acq On : 12 Jul 2024 01:25  
Operator : MA/JU  
Sample : P3087-08  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

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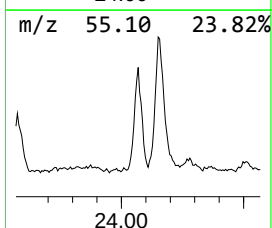
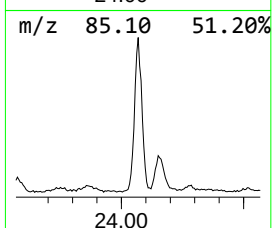
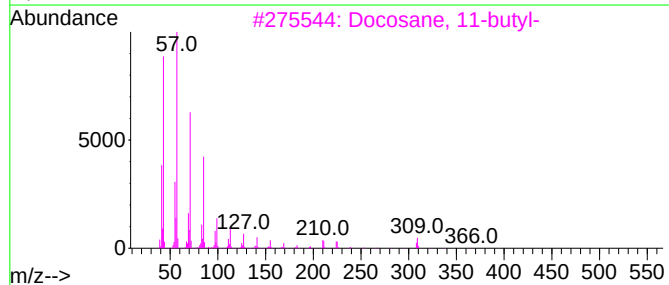
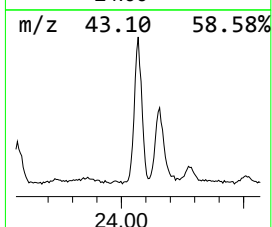
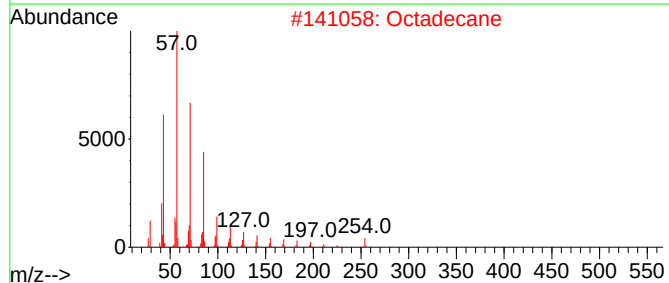
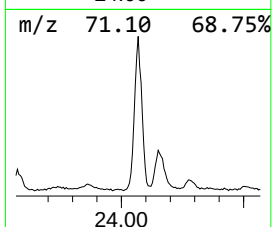
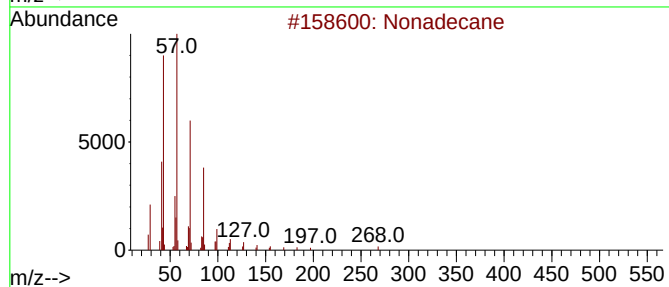
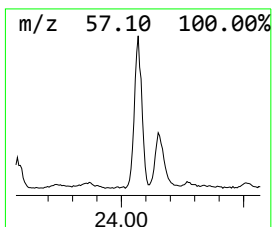
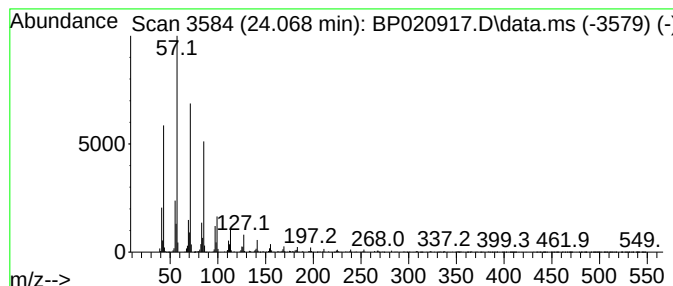
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TIC Integration Parameters: LSCINT.P

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Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 5

| R.T.   | EstConc    | Area    | Relative to ISTD | R.T.   |
|--------|------------|---------|------------------|--------|
| 24.068 | 6.73 ng/ul | 1114830 | Perylene-d12     | 24.974 |

| Hit# | of 5 | Tentative ID          | MW  | MolForm | CAS#        | Qual |
|------|------|-----------------------|-----|---------|-------------|------|
| 1    |      | Nonadecane            | 268 | C19H40  | 000629-92-5 | 95   |
| 2    |      | Octadecane            | 254 | C18H38  | 000593-45-3 | 95   |
| 3    |      | Docosane, 11-butyl-   | 366 | C26H54  | 013475-76-8 | 95   |
| 4    |      | Pentadecane, 8-hexyl- | 296 | C21H44  | 013475-75-7 | 93   |
| 5    |      | Heptadecane, 9-hexyl- | 324 | C23H48  | 055124-79-3 | 93   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP071124\  
Data File : BP020917.D  
Acq On : 12 Jul 2024 01:25  
Operator : MA/JU  
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Misc :  
ALS Vial : 24 Sample Multiplier: 1

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BNA\_P  
ClientSampleId :  
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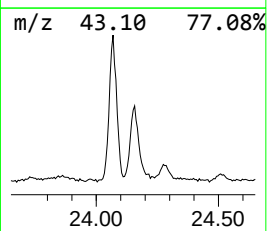
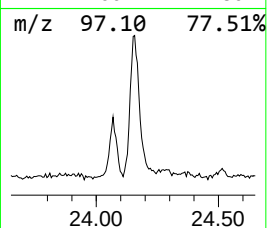
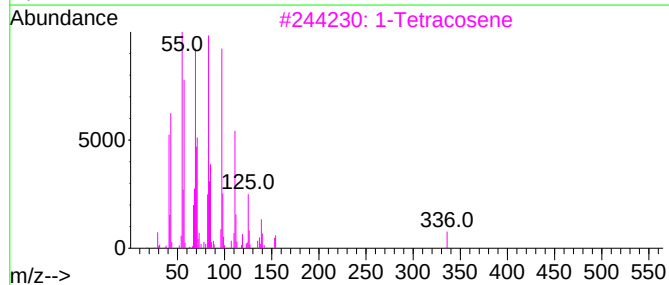
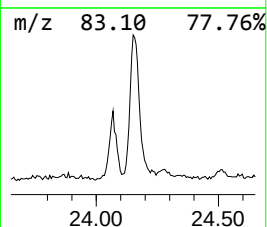
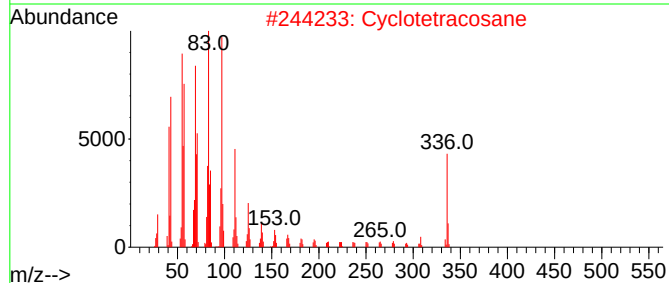
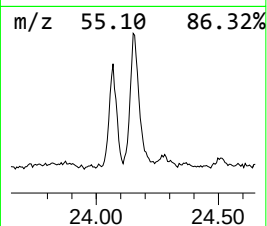
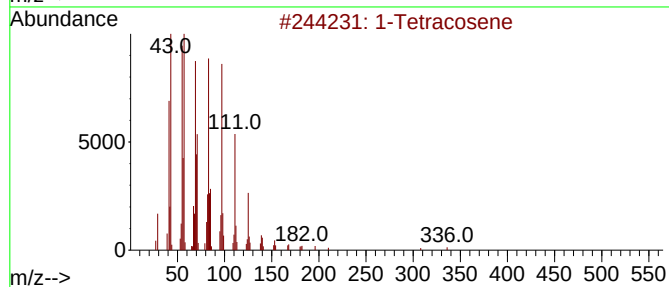
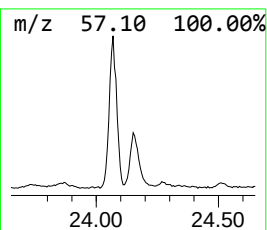
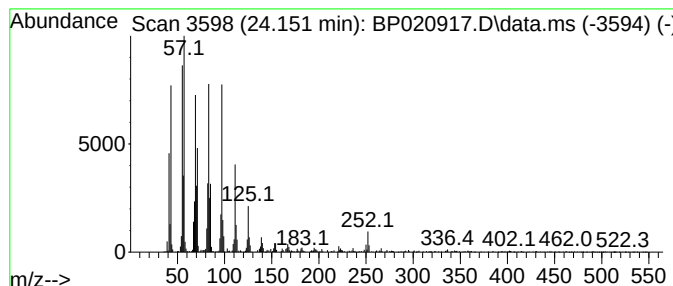
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP071024.MA.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 4

| R.T.   | EstConc    | Area    | Relative to ISTD | R.T.   |
|--------|------------|---------|------------------|--------|
| 24.151 | 6.94 ng/ul | 1148930 | Perylene-d12     | 24.974 |

| Hit# | of | 5 | Tentative ID       | MW  | MolForm  | CAS#         | Qual |
|------|----|---|--------------------|-----|----------|--------------|------|
| 1    |    |   | 1-Tetracosene      | 336 | C24H48   | 010192-32-2  | 99   |
| 2    |    |   | Cyclotetracosane   | 336 | C24H48   | 000297-03-0  | 98   |
| 3    |    |   | 1-Tetracosene      | 336 | C24H48   | 010192-32-2  | 98   |
| 4    |    |   | Octacosyl acetate  | 452 | C30H60O2 | 018206-97-8  | 98   |
| 5    |    |   | Heptacosyl acetate | 438 | C29H58O2 | 1000351-78-2 | 96   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP071124\  
Data File : BP020917.D  
Acq On : 12 Jul 2024 01:25  
Operator : MA/JU  
Sample : P3087-08  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
A4CB5

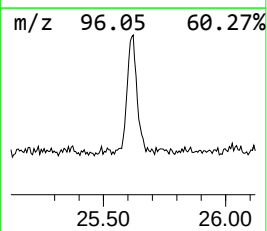
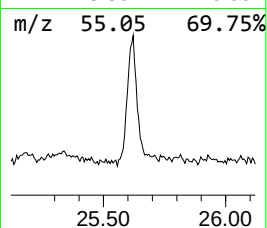
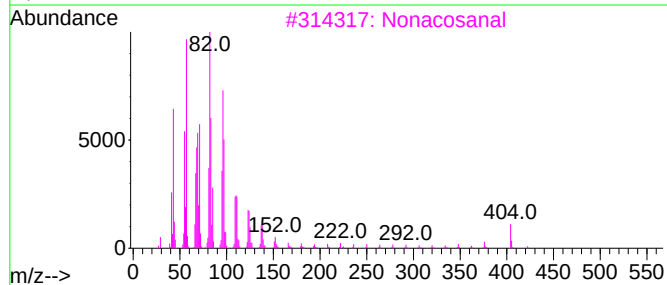
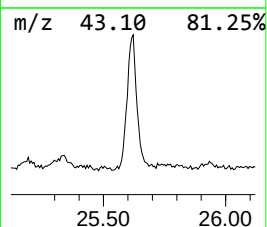
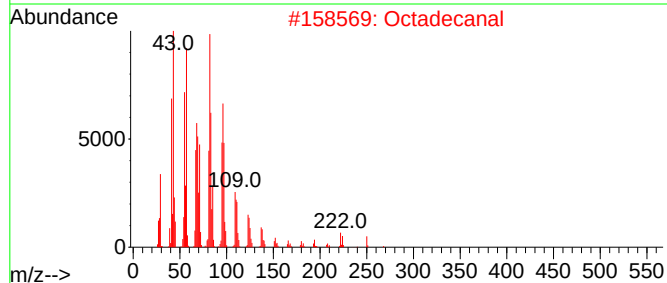
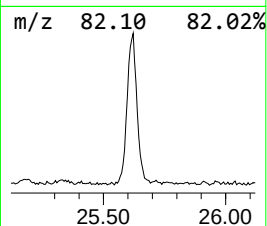
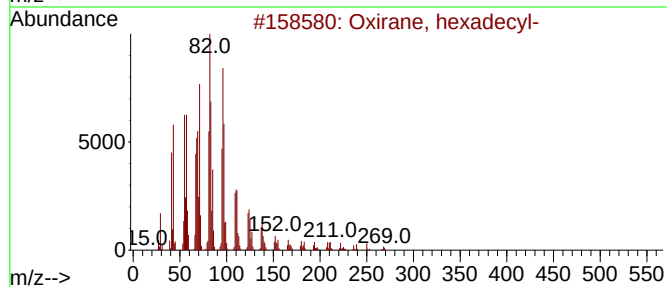
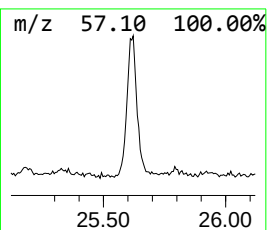
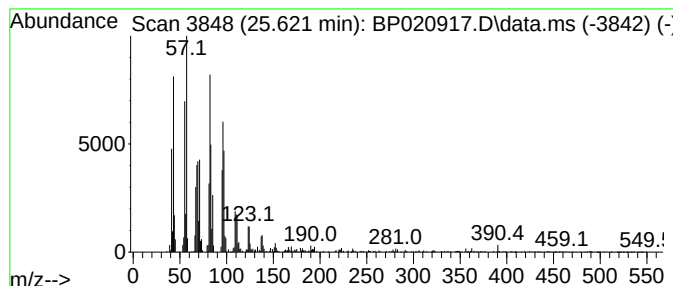
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP071024.MA.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 10 Oxirane, hexadecyl- Concentration Rank 6

| R.T.   | EstConc    | Area    | Relative to ISTD | R.T.   |
|--------|------------|---------|------------------|--------|
| 25.621 | 6.09 ng/ul | 1007600 | Perylene-d12     | 24.974 |

| Hit# | of | 5 | Tentative ID              | MW  | MolForm  | CAS#        | Qual |
|------|----|---|---------------------------|-----|----------|-------------|------|
| 1    |    |   | Oxirane, hexadecyl-       | 268 | C18H36O  | 007390-81-0 | 94   |
| 2    |    |   | Octadecanal               | 268 | C18H36O  | 000638-66-4 | 94   |
| 3    |    |   | Nonacosanal               | 422 | C29H58O  | 072934-04-4 | 94   |
| 4    |    |   | Oxirane, hexadecyl-       | 268 | C18H36O  | 007390-81-0 | 91   |
| 5    |    |   | (Z)-14-Tricosenyl formate | 366 | C24H46O2 | 077899-10-6 | 90   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP071124\  
Data File : BP020917.D  
Acq On : 12 Jul 2024 01:25  
Operator : MA/JU  
Sample : P3087-08  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
A4CB5

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP071024.MA.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST0.L  
TIC Integration Parameters: LSCINT.P

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |         |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|---------|------|
|                    |        |         |       |          | #                     | RT     | Resp    | Conc |
| n-Hexadecanoic ... | 18.110 | 13.7    | ng/ul | 2183020  | 4                     | 17.163 | 3187950 | 20.0 |
| Octadecanoic acid  | 19.427 | 5.1     | ng/ul | 866785   | 5                     | 21.621 | 3404830 | 20.0 |
| (DEL) Alkane: S... | 20.198 | 2.9     | ng/ul | 496959   | 5                     | 21.621 | 3404830 | 20.0 |
| 1-Heneicosyl fo... | 21.280 | 11.9    | ng/ul | 2022290  | 5                     | 21.621 | 3404830 | 20.0 |
| (DEL) Alkane: S... | 22.486 | 2.5     | ng/ul | 425905   | 5                     | 21.621 | 3404830 | 20.0 |
| 1-Heneicosanol     | 22.527 | 12.9    | ng/ul | 2189470  | 5                     | 21.621 | 3404830 | 20.0 |
| Supraene           | 23.404 | 5.2     | ng/ul | 859445   | 6                     | 24.974 | 3310830 | 20.0 |
| (DEL) Alkane: S... | 24.068 | 6.7     | ng/ul | 1114830  | 6                     | 24.974 | 3310830 | 20.0 |
| (DEL) Alkane: S... | 24.151 | 6.9     | ng/ul | 1148930  | 6                     | 24.974 | 3310830 | 20.0 |
| Oxirane, hexade... | 25.621 | 6.1     | ng/ul | 1007600  | 6                     | 24.974 | 3310830 | 20.0 |