

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100522\  
 Data File : BP011967.D  
 Acq On : 06 Oct 2022 13:21  
 Operator : CG/JU  
 Sample : N4956-13  
 Misc :  
 ALS Vial : 48 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 CB8W5

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-BP093022.M  
 Title : SVOA CALIBRATION

Signal : TIC: BP011967.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         | 3.028       | 3             | 7           | 24           | rVB      | 4947789        | 6084825       | 87.63%          | 9.707%        |
| 2         | 3.299       | 49            | 53          | 57           | rVB      | 39610          | 47510         | 0.68%           | 0.076%        |
| 3         | 3.581       | 98            | 101         | 109          | rVB      | 19620          | 28926         | 0.42%           | 0.046%        |
| 4         | 3.723       | 123           | 125         | 137          | rBV      | 212332         | 332016        | 4.78%           | 0.530%        |
| 5         | 3.946       | 158           | 163         | 169          | rVB      | 30980          | 49861         | 0.72%           | 0.080%        |
| 6         | 4.046       | 176           | 180         | 185          | rVB      | 35028          | 47878         | 0.69%           | 0.076%        |
| 7         | 7.046       | 684           | 690         | 704          | rVB      | 153826         | 269773        | 3.89%           | 0.430%        |
| 8         | 7.211       | 711           | 718         | 731          | rBV      | 722180         | 1140738       | 16.43%          | 1.820%        |
| 9         | 7.322       | 735           | 737         | 742          | rVB6     | 5511           | 8439          | 0.12%           | 0.013%        |
| 10        | 7.411       | 745           | 752         | 763          | rBV      | 645906         | 1081637       | 15.58%          | 1.725%        |
| 11        | 7.881       | 824           | 832         | 839          | rBV      | 774024         | 1274866       | 18.36%          | 2.034%        |
| 12        | 7.946       | 839           | 843         | 851          | rVB2     | 34116          | 58323         | 0.84%           | 0.093%        |
| 13        | 8.040       | 855           | 859         | 861          | rBV5     | 5293           | 8116          | 0.12%           | 0.013%        |
| 14        | 8.593       | 946           | 953         | 966          | rBV      | 471110         | 835070        | 12.03%          | 1.332%        |
| 15        | 9.046       | 1021          | 1030        | 1043         | rBV      | 767321         | 1282126       | 18.46%          | 2.045%        |
| 16        | 9.163       | 1045          | 1050        | 1054         | rVV6     | 9780           | 16322         | 0.24%           | 0.026%        |
| 17        | 9.452       | 1094          | 1099        | 1103         | rVB3     | 9171           | 14144         | 0.20%           | 0.023%        |
| 18        | 9.769       | 1145          | 1153        | 1166         | rBV      | 578440         | 989404        | 14.25%          | 1.578%        |
| 19        | 10.310      | 1237          | 1245        | 1267         | rBV      | 850145         | 1592661       | 22.94%          | 2.541%        |
| 20        | 10.687      | 1301          | 1309        | 1322         | rVB      | 1098956        | 1835778       | 26.44%          | 2.928%        |
| 21        | 10.828      | 1325          | 1333        | 1349         | rBV      | 668572         | 1302558       | 18.76%          | 2.078%        |
| 22        | 11.499      | 1439          | 1447        | 1455         | rBV      | 5975           | 16662         | 0.24%           | 0.027%        |
| 23        | 12.275      | 1574          | 1579        | 1585         | rBV2     | 16454          | 28081         | 0.40%           | 0.045%        |
| 24        | 12.887      | 1678          | 1683        | 1687         | rBV8     | 5774           | 8142          | 0.12%           | 0.013%        |
| 25        | 13.134      | 1721          | 1725        | 1732         | rVB5     | 7577           | 13205         | 0.19%           | 0.021%        |
| 26        | 13.422      | 1769          | 1774        | 1779         | rBV      | 17077          | 27374         | 0.39%           | 0.044%        |
| 27        | 13.498      | 1782          | 1787        | 1790         | rVB6     | 4166           | 7774          | 0.11%           | 0.012%        |
| 28        | 13.734      | 1822          | 1827        | 1832         | rBV9     | 3990           | 7600          | 0.11%           | 0.012%        |
| 29        | 13.857      | 1842          | 1848        | 1855         | rBV7     | 5261           | 10075         | 0.15%           | 0.016%        |
| 30        | 13.940      | 1855          | 1862        | 1876         | rBV      | 1727567        | 2555504       | 36.80%          | 4.077%        |
| 31        | 14.222      | 1899          | 1910        | 1927         | rBV      | 2103097        | 3213282       | 46.28%          | 5.126%        |
| 32        | 14.528      | 1954          | 1962        | 1967         | rBV      | 1535011        | 2345390       | 33.78%          | 3.741%        |
| 33        | 14.575      | 1967          | 1970        | 1991         | rVV      | 114790         | 294221        | 4.24%           | 0.469%        |
| 34        | 14.740      | 1993          | 1998        | 2013         | rVV2     | 79639          | 202724        | 2.92%           | 0.323%        |
| 35        | 14.898      | 2021          | 2025        | 2028         | rBV6     | 4374           | 7917          | 0.11%           | 0.013%        |
| 36        | 14.940      | 2030          | 2032        | 2042         | rVB6     | 10733          | 21063         | 0.30%           | 0.034%        |

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Instrument :  
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 ClientSampleId :  
 CB8W5

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-BP093022.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |         |         |
|----|--------|------|------|------|------|---------|---------|---------|---------|
| 37 | 15.351 | 2093 | 2102 | 2110 | rVB  | 142715  | 203569  | 2.93%   | 0.325%  |
| 38 | 15.522 | 2124 | 2131 | 2144 | rBV  | 2858036 | 4233832 | 60.97%  | 6.754%  |
| 39 | 15.640 | 2145 | 2151 | 2166 | rVV  | 846713  | 1173458 | 16.90%  | 1.872%  |
| 40 | 15.763 | 2168 | 2172 | 2178 | rVB3 | 15607   | 29068   | 0.42%   | 0.046%  |
| 41 | 16.234 | 2250 | 2252 | 2255 | rBV4 | 6442    | 7402    | 0.11%   | 0.012%  |
| 42 | 16.422 | 2281 | 2284 | 2287 | rVB5 | 6401    | 7024    | 0.10%   | 0.011%  |
| 43 | 17.281 | 2424 | 2430 | 2441 | rBV  | 1983991 | 2853572 | 41.10%  | 4.552%  |
| 44 | 17.381 | 2441 | 2447 | 2464 | rVV2 | 3383687 | 4969798 | 71.57%  | 7.928%  |
| 45 | 17.669 | 2492 | 2496 | 2505 | rVB5 | 36964   | 68615   | 0.99%   | 0.109%  |
| 46 | 17.951 | 2540 | 2544 | 2554 | rVB  | 128865  | 148072  | 2.13%   | 0.236%  |
| 47 | 18.163 | 2576 | 2580 | 2590 | rBV  | 188642  | 316884  | 4.56%   | 0.505%  |
| 48 | 18.998 | 2718 | 2722 | 2728 | rBV  | 89208   | 129605  | 1.87%   | 0.207%  |
| 49 | 19.081 | 2733 | 2736 | 2740 | rVB2 | 83641   | 94750   | 1.36%   | 0.151%  |
| 50 | 19.210 | 2752 | 2758 | 2762 | rBV2 | 160276  | 239040  | 3.44%   | 0.381%  |
| 51 | 19.263 | 2764 | 2767 | 2770 | rVV  | 59053   | 76531   | 1.10%   | 0.122%  |
| 52 | 19.304 | 2771 | 2774 | 2778 | rVB3 | 68486   | 85144   | 1.23%   | 0.136%  |
| 53 | 19.398 | 2787 | 2790 | 2798 | rBV3 | 84465   | 127237  | 1.83%   | 0.203%  |
| 54 | 19.616 | 2822 | 2827 | 2834 | rBV  | 4518082 | 6229055 | 89.71%  | 9.937%  |
| 55 | 21.075 | 3072 | 3075 | 3084 | rVB  | 495642  | 607127  | 8.74%   | 0.968%  |
| 56 | 21.369 | 3121 | 3125 | 3133 | rVB  | 2782411 | 3430778 | 49.41%  | 5.473%  |
| 57 | 23.645 | 3505 | 3512 | 3527 | rVB2 | 3498340 | 6943792 | 100.00% | 11.077% |
| 58 | 23.798 | 3532 | 3538 | 3550 | rVB2 | 1798581 | 3653072 | 52.61%  | 5.827%  |

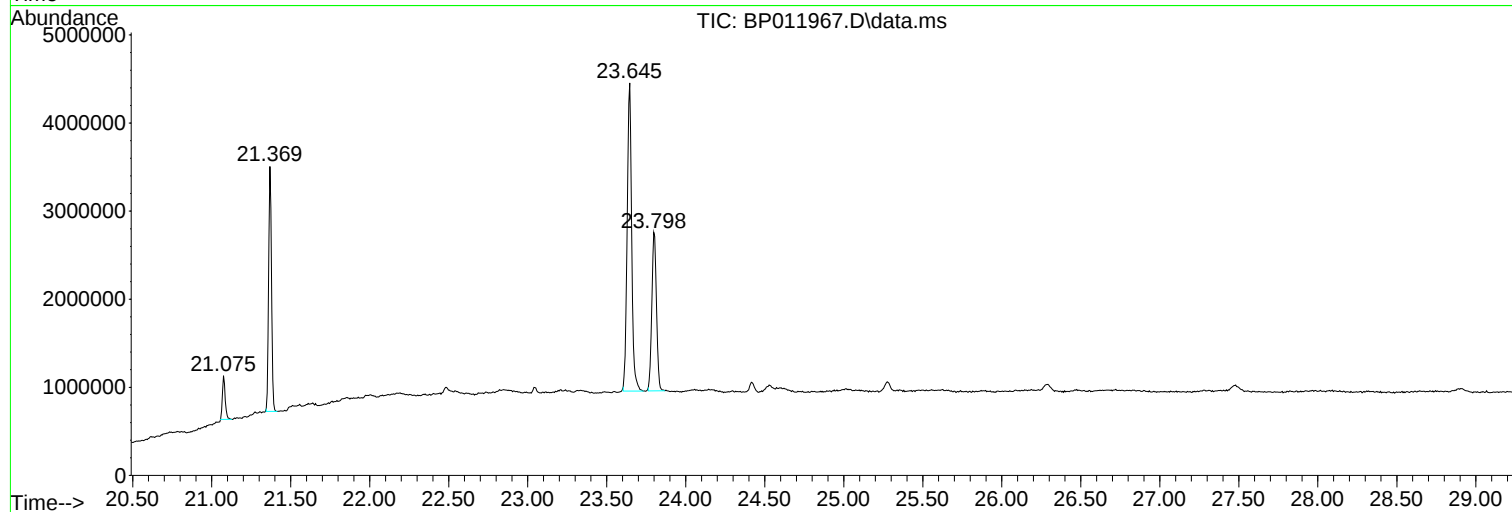
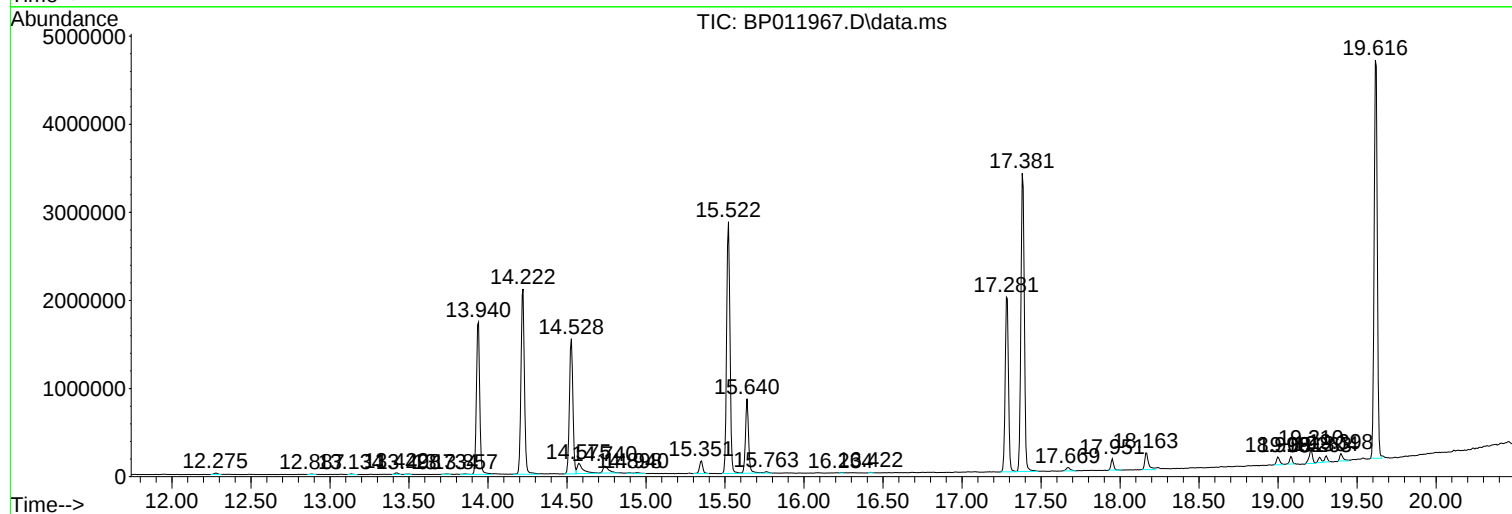
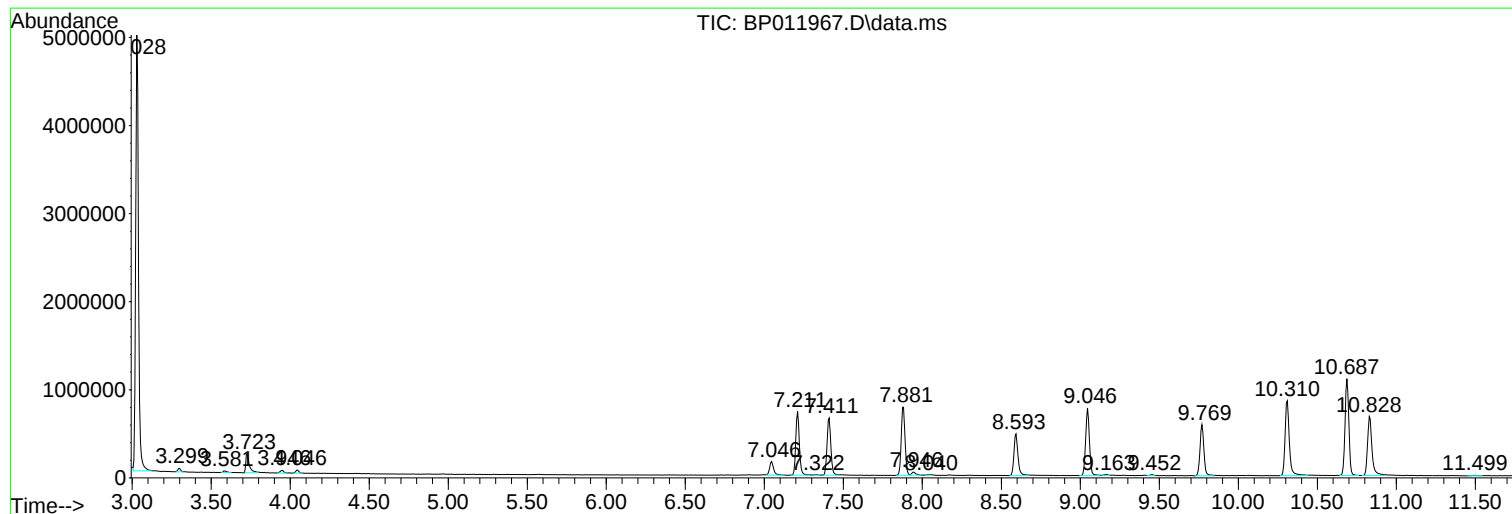
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Misc :  
ALS Vial : 48 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
CB8W5

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP093022.M  
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100522\  
Data File : BP011967.D  
Acq On : 06 Oct 2022 13:21  
Operator : CG/JU  
Sample : N4956-13  
Misc :  
ALS Vial : 48 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
CB8W5

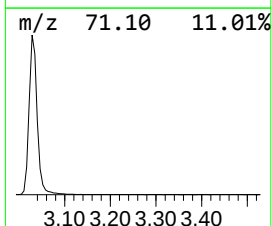
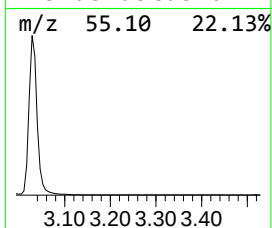
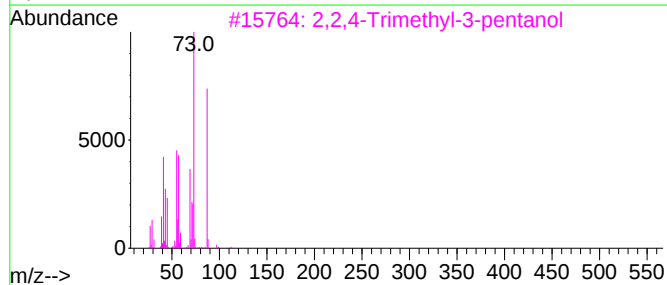
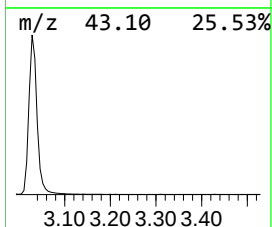
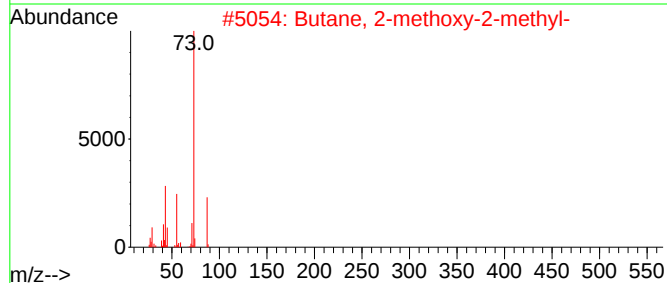
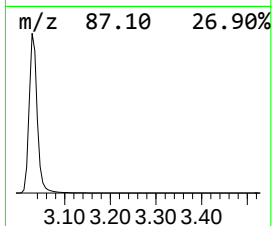
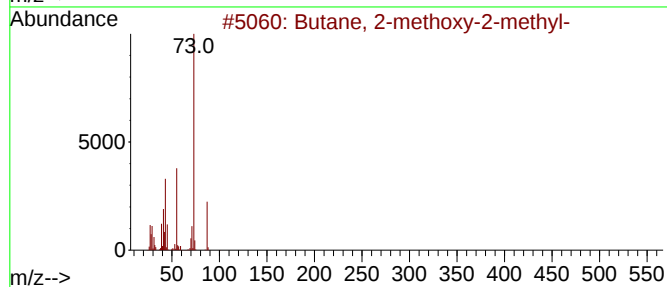
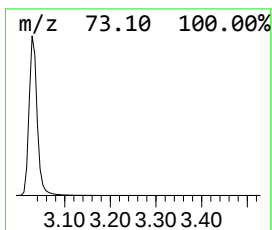
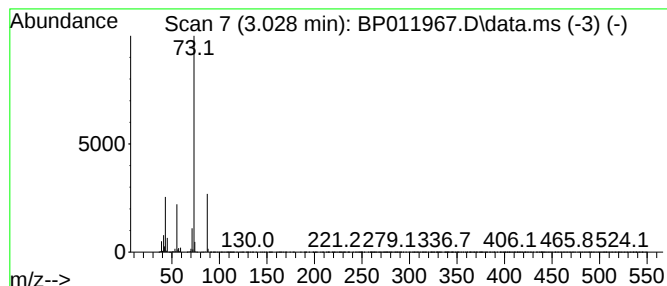
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP093022.M  
Quant Title : SVOA CALIBRATION

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

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

| R.T.  | EstConc     | Area    | Relative to ISTD       | R.T.  |
|-------|-------------|---------|------------------------|-------|
| 3.028 | 95.46 ng/ul | 6084830 | 1,4-Dichlorobenzene-d4 | 7.881 |

| Hit# | of                          | 5   | Tentative ID | MW          | MolForm | CAS# | Qual |
|------|-----------------------------|-----|--------------|-------------|---------|------|------|
| 1    | Butane, 2-methoxy-2-methyl- | 102 | C6H14O       | 000994-05-8 | 78      |      |      |
| 2    | Butane, 2-methoxy-2-methyl- | 102 | C6H14O       | 000994-05-8 | 72      |      |      |
| 3    | 2,2,4-Trimethyl-3-pentanol  | 130 | C8H18O       | 005162-48-1 | 43      |      |      |
| 4    | Pentane, 3-methoxy-         | 102 | C6H14O       | 036839-67-5 | 17      |      |      |
| 5    | N-Ethylformamide            | 73  | C3H7NO       | 000627-45-2 | 9       |      |      |



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Instrument :  
BNA\_P  
ClientSampleId :  
CB8W5

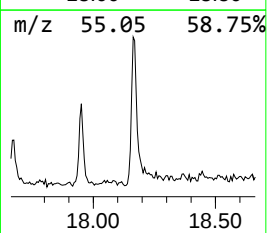
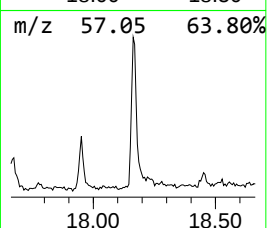
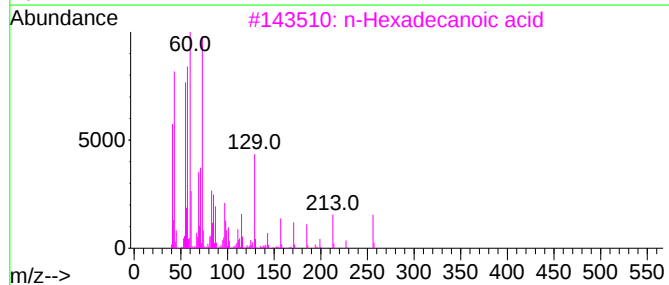
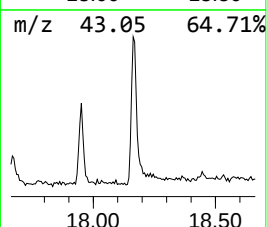
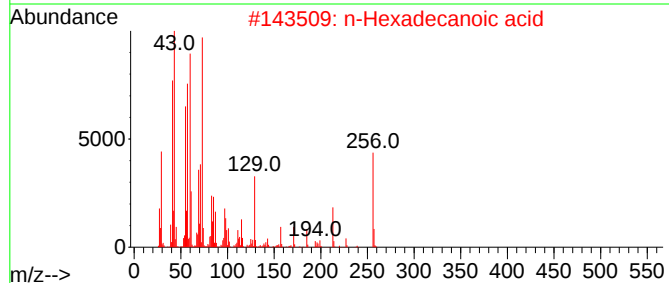
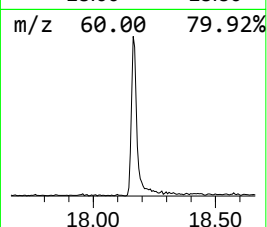
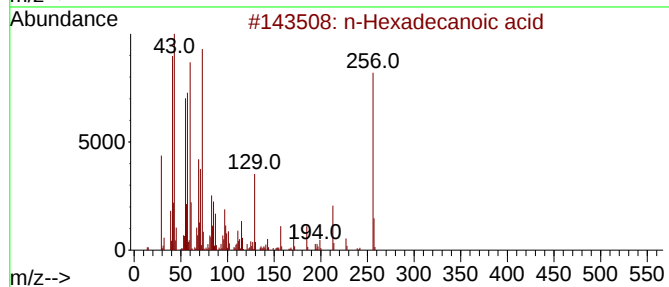
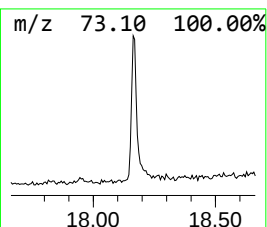
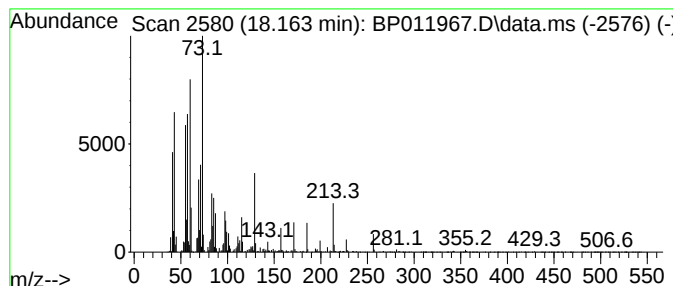
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP093022.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 18.163 | 2.22 ng/ul | 316884 | Phenanthrene-d10 | 17.281 |

| 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 | 98   |
| 3    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 97   |
| 4    |    |   | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 93   |
| 5    |    |   | Tetradecanoic acid  | 228 | C14H28O2 | 000544-63-8 | 87   |



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ClientSampleId :  
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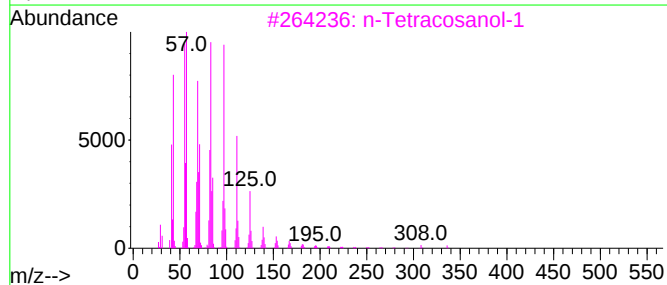
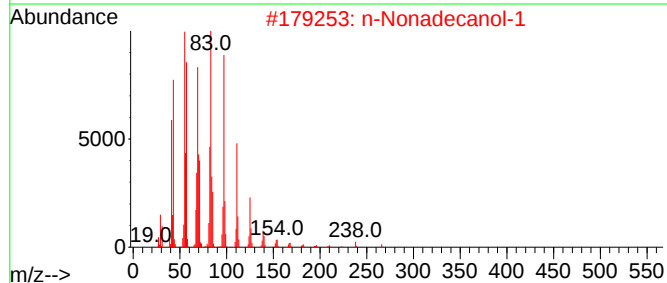
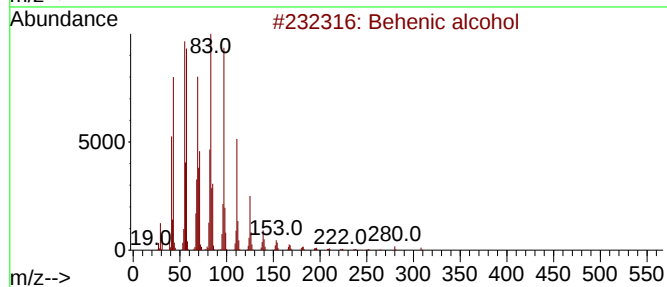
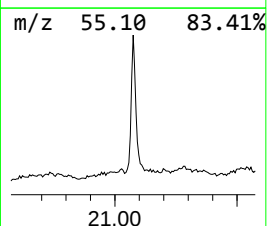
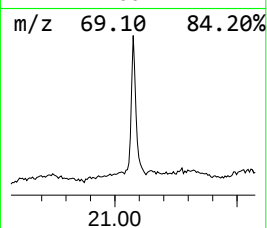
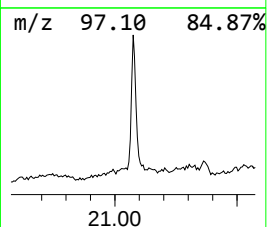
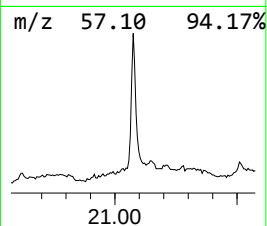
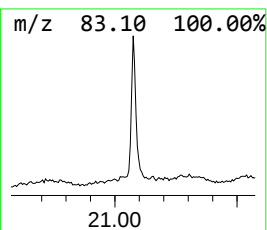
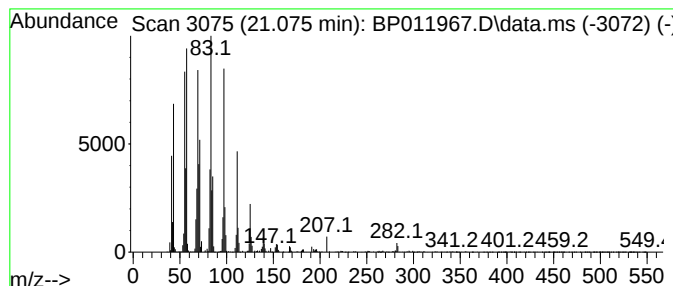
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP093022.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 3 Behenic alcohol Concentration Rank 2

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 21.075 | 3.54 ng/ul | 607127 | Chrysene-d12     | 21.369 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm    | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|------------|-------------|------|
| 1    |    |   | Behenic alcohol                     | 326 | C22H46O    | 000661-19-8 | 94   |
| 2    |    |   | n-Nonadecanol-1                     | 284 | C19H40O    | 001454-84-8 | 94   |
| 3    |    |   | n-Tetracosanol-1                    | 354 | C24H50O    | 000506-51-4 | 94   |
| 4    |    |   | Heptafluorobutyric acid, pentade... | 424 | C19H31F7O2 | 959261-23-5 | 94   |
| 5    |    |   | 1-Heneicosanol                      | 312 | C21H44O    | 015594-90-8 | 94   |



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CB8W5

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP093022.M  
Quant Title : SVOA CALIBRATION

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

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |         |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|---------|------|
|                    |        |         |       |          | #                     | RT     | Resp    | Conc |
| Butane, 2-metho... | 3.028  | 95.5    | ng/ul | 6084830  | 1                     | 7.881  | 1274870 | 20.0 |
| n-Hexadecanoic ... | 18.163 | 2.2     | ng/ul | 316884   | 4                     | 17.281 | 2853570 | 20.0 |
| Behenic alcohol    | 21.075 | 3.5     | ng/ul | 607127   | 5                     | 21.369 | 3430780 | 20.0 |