

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM092520\  
 Data File : BM027552.D  
 Acq On : 26 Sep 2020 05:42  
 Operator : JU/CG  
 Sample : L4139-01  
 Misc :  
 ALS Vial : 34 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BG499

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\_M\METHODS\SOM-EPA-BM092420MA.M  
 Title : SVOA CALIBRATION

Signal : TIC: BM027552.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         | 3.058       | 9             | 12          | 25           | rVB      | 162187         | 232162        | 5.03%           | 0.703%        |
| 2         | 3.310       | 51            | 55          | 62           | rVB      | 19885          | 27426         | 0.59%           | 0.083%        |
| 3         | 4.040       | 174           | 179         | 183          | rBV2     | 3842           | 5178          | 0.11%           | 0.016%        |
| 4         | 5.151       | 363           | 368         | 374          | rVB      | 6689           | 10646         | 0.23%           | 0.032%        |
| 5         | 6.969       | 671           | 677         | 686          | rBV      | 100311         | 165771        | 3.59%           | 0.502%        |
| 6         | 7.140       | 699           | 706         | 714          | rBV      | 305880         | 463857        | 10.04%          | 1.405%        |
| 7         | 7.340       | 732           | 740         | 748          | rBV      | 379051         | 592474        | 12.83%          | 1.794%        |
| 8         | 7.410       | 748           | 752         | 761          | rVB2     | 7145           | 12662         | 0.27%           | 0.038%        |
| 9         | 7.804       | 812           | 819         | 826          | rBV      | 365891         | 557364        | 12.07%          | 1.688%        |
| 10        | 8.504       | 931           | 938         | 944          | rBV      | 300878         | 479283        | 10.38%          | 1.452%        |
| 11        | 8.951       | 1008          | 1014        | 1023         | rVB      | 420790         | 678121        | 14.68%          | 2.054%        |
| 12        | 9.404       | 1085          | 1091        | 1096         | rVB4     | 3712           | 5534          | 0.12%           | 0.017%        |
| 13        | 9.675       | 1130          | 1137        | 1146         | rBV      | 368978         | 592874        | 12.83%          | 1.796%        |
| 14        | 10.210      | 1219          | 1228        | 1236         | rBV      | 662470         | 1088893       | 23.57%          | 3.298%        |
| 15        | 10.592      | 1285          | 1293        | 1300         | rVB      | 467419         | 775613        | 16.79%          | 2.349%        |
| 16        | 10.722      | 1309          | 1315        | 1322         | rVB      | 43962          | 69568         | 1.51%           | 0.211%        |
| 17        | 12.175      | 1554          | 1562        | 1570         | rVB      | 9558           | 15750         | 0.34%           | 0.048%        |
| 18        | 13.339      | 1754          | 1760        | 1766         | rVB2     | 3992           | 5706          | 0.12%           | 0.017%        |
| 19        | 13.845      | 1840          | 1846        | 1851         | rBV      | 1457188        | 1998076       | 43.25%          | 6.051%        |
| 20        | 13.892      | 1851          | 1854        | 1862         | rVB      | 143106         | 183836        | 3.98%           | 0.557%        |
| 21        | 14.127      | 1885          | 1894        | 1903         | rBV      | 1475326        | 2143040       | 46.39%          | 6.490%        |
| 22        | 14.433      | 1940          | 1946        | 1955         | rBV2     | 883828         | 1326793       | 28.72%          | 4.018%        |
| 23        | 14.621      | 1973          | 1978        | 1987         | rBV      | 128382         | 182723        | 3.96%           | 0.553%        |
| 24        | 15.427      | 2108          | 2115        | 2122         | rBV      | 2047894        | 2912104       | 63.04%          | 8.820%        |
| 25        | 15.539      | 2128          | 2134        | 2143         | rBV      | 563026         | 781611        | 16.92%          | 2.367%        |
| 26        | 15.668      | 2150          | 2156        | 2164         | rVB3     | 25635          | 44084         | 0.95%           | 0.134%        |
| 27        | 15.939      | 2197          | 2202        | 2206         | rVB3     | 5636           | 8557          | 0.19%           | 0.026%        |
| 28        | 16.098      | 2223          | 2229        | 2236         | rBV      | 27240          | 40333         | 0.87%           | 0.122%        |
| 29        | 16.215      | 2244          | 2249        | 2252         | rVB2     | 10060          | 13811         | 0.30%           | 0.042%        |
| 30        | 16.857      | 2355          | 2358        | 2363         | rBV5     | 3897           | 5310          | 0.11%           | 0.016%        |
| 31        | 16.962      | 2370          | 2376        | 2380         | rBV4     | 5322           | 9555          | 0.21%           | 0.029%        |
| 32        | 17.174      | 2406          | 2412        | 2419         | rBV      | 1165023        | 1702079       | 36.85%          | 5.155%        |
| 33        | 17.274      | 2422          | 2429        | 2439         | rVV      | 2639387        | 3666097       | 79.36%          | 11.103%       |
| 34        | 18.080      | 2561          | 2566        | 2571         | rBV2     | 110245         | 147821        | 3.20%           | 0.448%        |
| 35        | 18.839      | 2692          | 2695        | 2698         | rBV5     | 4353           | 6272          | 0.14%           | 0.019%        |
| 36        | 19.198      | 2752          | 2756        | 2760         | rBV      | 34550          | 48144         | 1.04%           | 0.146%        |

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Sample : L4139-01  
Misc :  
ALS Vial : 34 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
BG499

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\_M\METHODS\SOM-EPA-BM092420MA.M  
Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |         |         |
|----|--------|------|------|------|------|---------|---------|---------|---------|
| 37 | 19.356 | 2779 | 2783 | 2788 | rBV2 | 31393   | 36403   | 0.79%   | 0.110%  |
| 38 | 19.451 | 2794 | 2799 | 2805 | rVB  | 30969   | 40272   | 0.87%   | 0.122%  |
| 39 | 19.568 | 2812 | 2819 | 2824 | rBV  | 3417515 | 4619563 | 100.00% | 13.991% |
| 40 | 20.086 | 2904 | 2907 | 2911 | rBV6 | 12510   | 18119   | 0.39%   | 0.055%  |
| 41 | 21.074 | 3071 | 3075 | 3082 | rBV  | 235245  | 302340  | 6.54%   | 0.916%  |
| 42 | 21.350 | 3117 | 3122 | 3131 | rBV  | 1555266 | 1879891 | 40.69%  | 5.694%  |
| 43 | 23.474 | 3476 | 3483 | 3491 | rBV  | 1972670 | 3553717 | 76.93%  | 10.763% |
| 44 | 23.621 | 3501 | 3508 | 3515 | rVB  | 814170  | 1568691 | 33.96%  | 4.751%  |

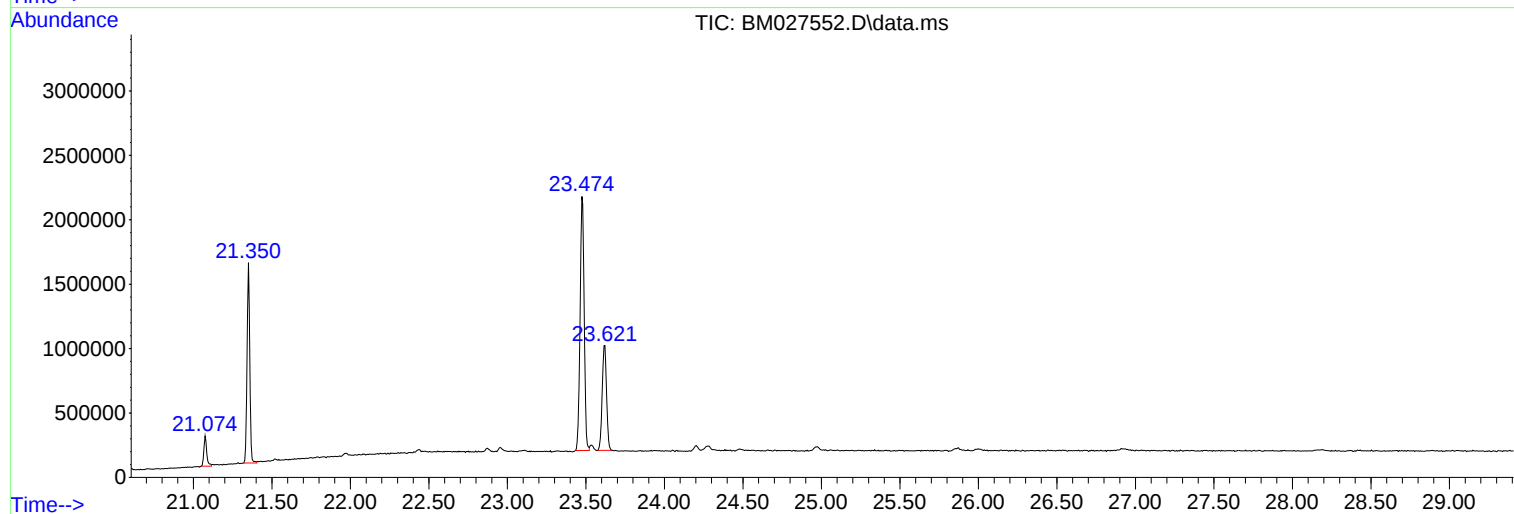
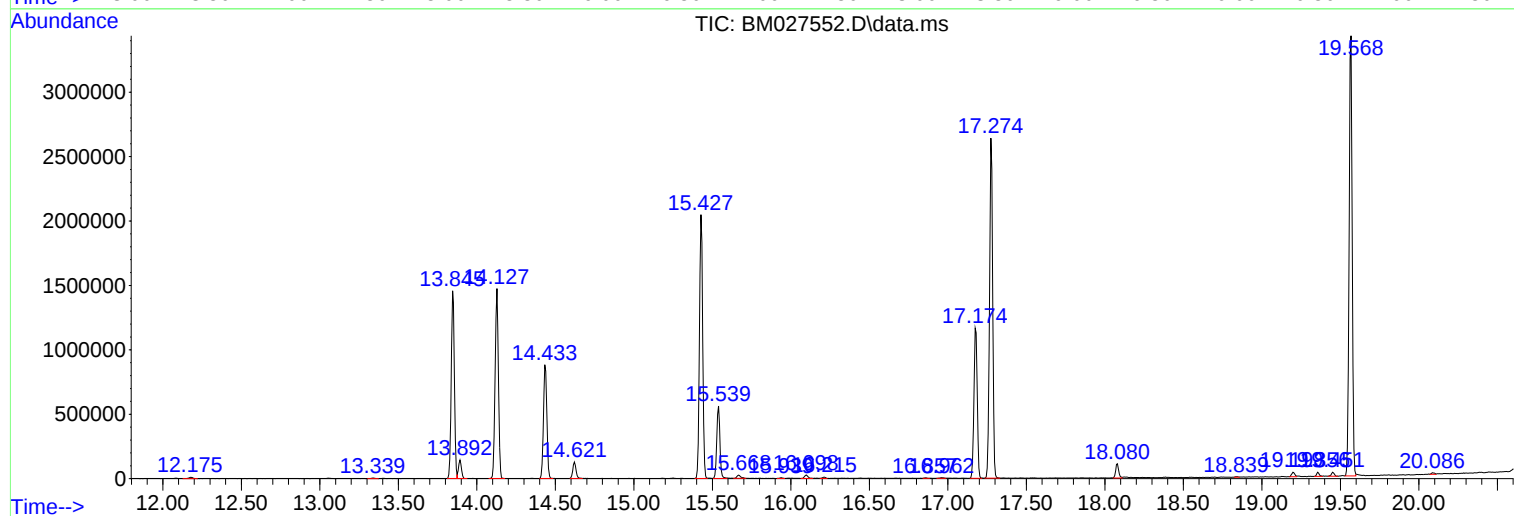
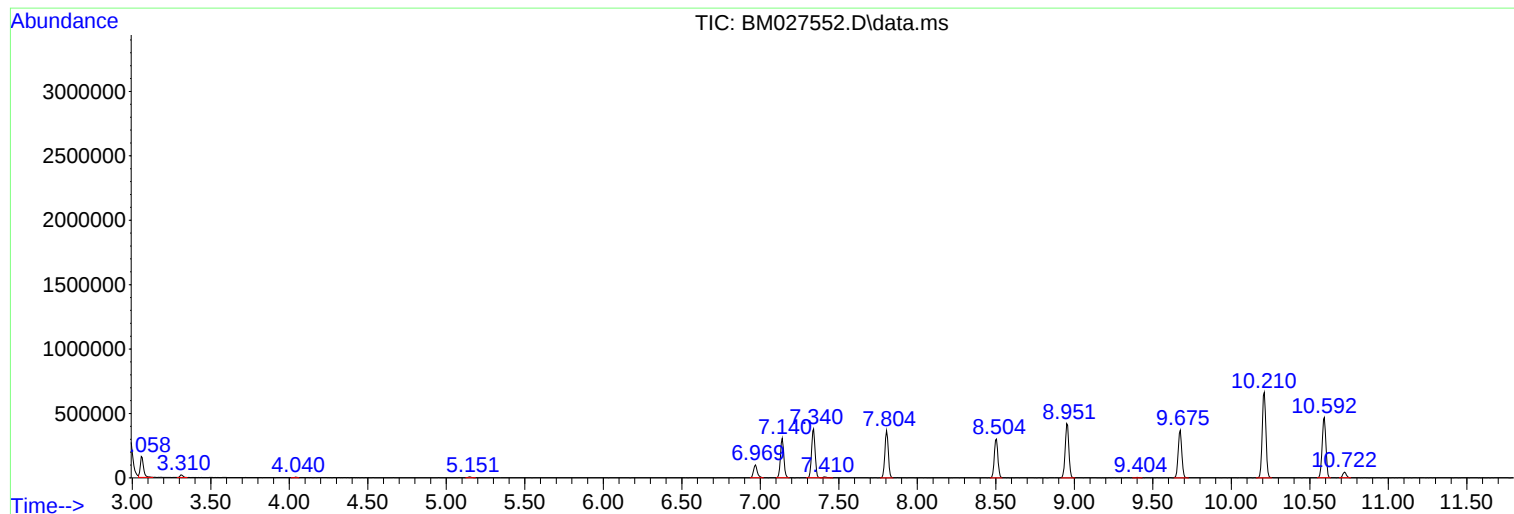
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ALS Vial : 34 Sample Multiplier: 1

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BNA\_M  
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM092420MA.M  
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM092520\  
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Instrument :  
BNA\_M  
ClientSampleId :  
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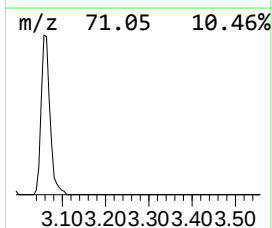
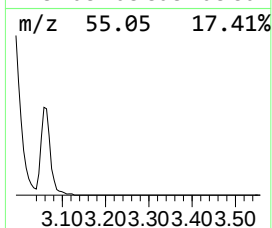
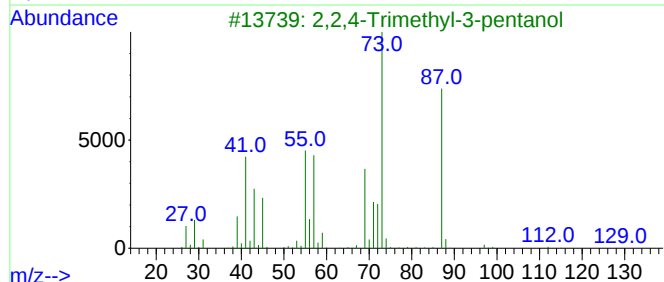
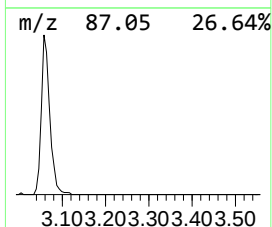
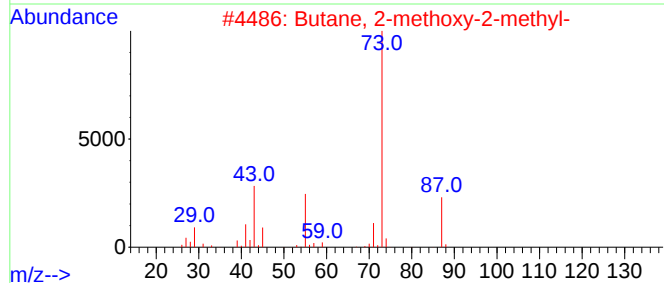
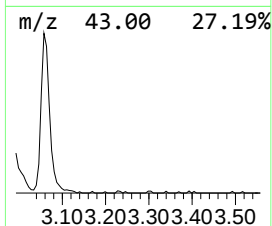
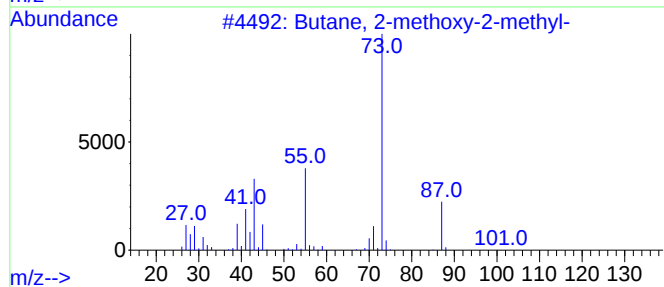
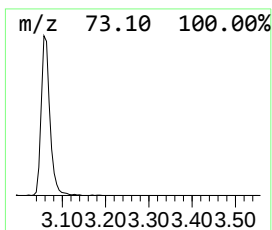
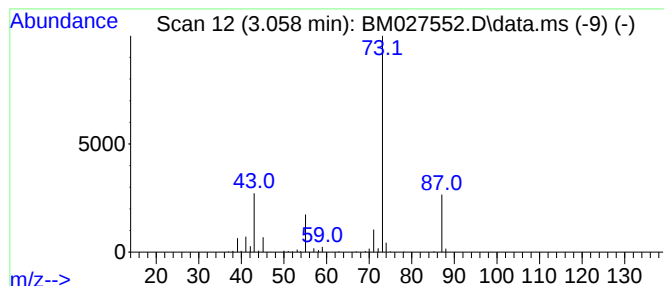
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM092420MA.M  
Quant Title : SVOA CALIBRATION

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

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

| R.T.  | EstConc    | Area   | Relative to ISTD       | R.T.  |
|-------|------------|--------|------------------------|-------|
| 3.058 | 8.33 ng/ul | 232162 | 1,4-Dichlorobenzene-d4 | 7.804 |

| 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 | 78   |
| 3    |    |   | 2,2,4-Trimethyl-3-pentanol  | 130 | C8H18O  | 005162-48-1 | 64   |
| 4    |    |   | N-Ethylformamide            | 73  | C3H7NO  | 000627-45-2 | 9    |
| 5    |    |   | Acetamide, N-ethyl-         | 87  | C4H9NO  | 000625-50-3 | 9    |



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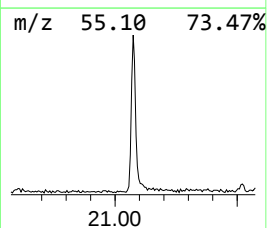
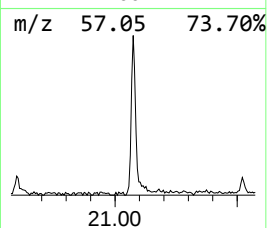
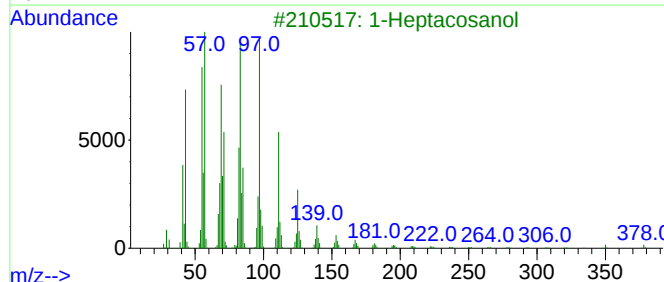
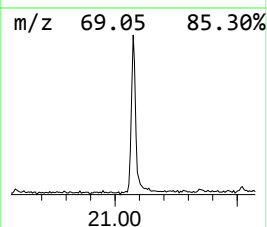
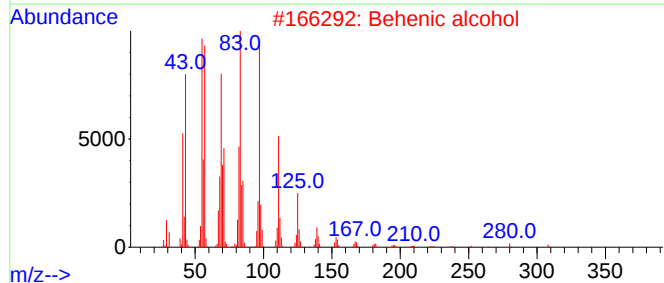
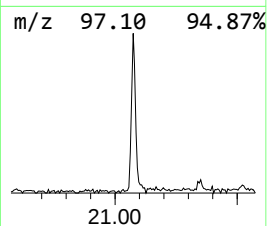
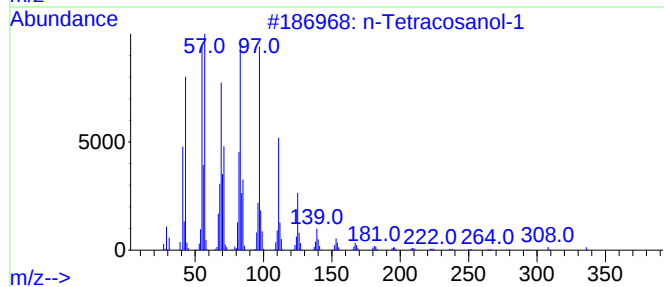
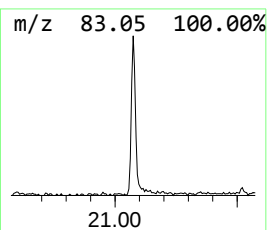
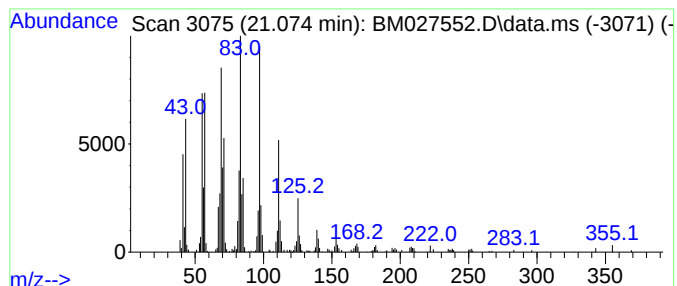
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM092420MA.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 2 n-Tetracosanol-1 Concentration Rank 2

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 21.074 | 3.22 ng/ul | 302340 | Chrysene-d12     | 21.350 |

| Hit# | of | 5 | Tentative ID     | MW  | MolForm | CAS#        | Qual |
|------|----|---|------------------|-----|---------|-------------|------|
| 1    |    |   | n-Tetracosanol-1 | 354 | C24H50O | 000506-51-4 | 95   |
| 2    |    |   | Behenic alcohol  | 326 | C22H46O | 000661-19-8 | 95   |
| 3    |    |   | 1-Heptacosanol   | 396 | C27H56O | 002004-39-9 | 93   |
| 4    |    |   | n-Nonadecanol-1  | 284 | C19H40O | 001454-84-8 | 91   |
| 5    |    |   | 1-Heneicosanol   | 312 | C21H44O | 015594-90-8 | 91   |



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Quant Title : SVOA 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... | 3.058  | 8.3     | ng/ul | 232162   | 1                     | 7.804  | 557364  | 20.0 |
| n-Tetracosanol-1   | 21.074 | 3.2     | ng/ul | 302340   | 5                     | 21.350 | 1879890 | 20.0 |