

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP080721\  
 Data File : BP006567.D  
 Acq On : 07 Aug 2021 14:24  
 Operator : CG/JU  
 Sample : M3163-17  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 BGEZ6

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-BP072421.M  
 Title : SVOA CALIBRATION

Signal : TIC: BP006567.D

| 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         | 3.275       | 29            | 32          | 39           | rVB      | 70317          | 98574         | 1.16%           | 0.140%        |
| 2         | 3.681       | 97            | 101         | 113          | rBV      | 831218         | 1347817       | 15.90%          | 1.916%        |
| 3         | 4.910       | 307           | 310         | 319          | rVB      | 49379          | 77251         | 0.91%           | 0.110%        |
| 4         | 6.928       | 647           | 653         | 664          | rVB      | 1247810        | 1946285       | 22.95%          | 2.767%        |
| 5         | 7.099       | 676           | 682         | 695          | rVB      | 967578         | 1511373       | 17.82%          | 2.148%        |
| 6         | 7.287       | 707           | 714         | 726          | rVB      | 1234923        | 1935700       | 22.83%          | 2.752%        |
| 7         | 7.751       | 787           | 793         | 799          | rVV      | 699186         | 1070315       | 12.62%          | 1.521%        |
| 8         | 7.822       | 801           | 805         | 811          | rVB      | 50918          | 78744         | 0.93%           | 0.112%        |
| 9         | 8.457       | 907           | 913         | 925          | rBV      | 1453460        | 2348930       | 27.70%          | 3.339%        |
| 10        | 8.904       | 982           | 989         | 999          | rBV      | 1190487        | 1926498       | 22.72%          | 2.738%        |
| 11        | 9.322       | 1057          | 1060        | 1068         | rVB3     | 18638          | 31792         | 0.37%           | 0.045%        |
| 12        | 9.622       | 1104          | 1111        | 1123         | rBV      | 951745         | 1572699       | 18.55%          | 2.236%        |
| 13        | 9.781       | 1132          | 1138        | 1146         | rBV2     | 32024          | 66406         | 0.78%           | 0.094%        |
| 14        | 10.157      | 1195          | 1202        | 1216         | rBV      | 1364213        | 2249106       | 26.53%          | 3.197%        |
| 15        | 10.328      | 1225          | 1231        | 1245         | rVB      | 304953         | 511285        | 6.03%           | 0.727%        |
| 16        | 10.534      | 1258          | 1266        | 1274         | rVB      | 922559         | 1543090       | 18.20%          | 2.193%        |
| 17        | 10.675      | 1282          | 1290        | 1304         | rBV      | 1291835        | 2254761       | 26.59%          | 3.205%        |
| 18        | 11.816      | 1474          | 1484        | 1493         | rVB4     | 11216          | 32453         | 0.38%           | 0.046%        |
| 19        | 12.122      | 1530          | 1536        | 1543         | rVB2     | 27860          | 48971         | 0.58%           | 0.070%        |
| 20        | 12.992      | 1678          | 1684        | 1690         | rBV7     | 5633           | 10003         | 0.12%           | 0.014%        |
| 21        | 13.216      | 1717          | 1722        | 1727         | rBV3     | 14929          | 21625         | 0.26%           | 0.031%        |
| 22        | 13.298      | 1730          | 1736        | 1741         | rVV10    | 7267           | 19272         | 0.23%           | 0.027%        |
| 23        | 13.351      | 1741          | 1745        | 1753         | rVB5     | 7739           | 13388         | 0.16%           | 0.019%        |
| 24        | 13.798      | 1815          | 1821        | 1838         | rBV      | 2285506        | 3284462       | 38.74%          | 4.669%        |
| 25        | 14.069      | 1859          | 1867        | 1879         | rBV      | 2622998        | 3903994       | 46.04%          | 5.549%        |
| 26        | 14.381      | 1913          | 1920        | 1927         | rBV      | 1246377        | 1882211       | 22.20%          | 2.676%        |
| 27        | 14.586      | 1943          | 1955        | 1976         | rBV      | 1027765        | 1661010       | 19.59%          | 2.361%        |
| 28        | 14.810      | 1989          | 1993        | 1998         | rVB8     | 8992           | 15045         | 0.18%           | 0.021%        |
| 29        | 14.928      | 2007          | 2013        | 2017         | rVB5     | 4048           | 8681          | 0.10%           | 0.012%        |
| 30        | 15.192      | 2053          | 2058        | 2064         | rBV7     | 7480           | 13690         | 0.16%           | 0.019%        |
| 31        | 15.298      | 2072          | 2076        | 2081         | rBV3     | 11213          | 19015         | 0.22%           | 0.027%        |
| 32        | 15.375      | 2081          | 2089        | 2103         | rVV      | 3287230        | 4669600       | 55.07%          | 6.638%        |
| 33        | 15.492      | 2103          | 2109        | 2123         | rVV      | 943255         | 1343237       | 15.84%          | 1.909%        |
| 34        | 15.616      | 2125          | 2130        | 2135         | rVB2     | 38510          | 58549         | 0.69%           | 0.083%        |
| 35        | 15.833      | 2163          | 2167        | 2175         | rVB10    | 8511           | 14719         | 0.17%           | 0.021%        |
| 36        | 15.939      | 2182          | 2185        | 2189         | rBV6     | 5925           | 9291          | 0.11%           | 0.013%        |

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Instrument :  
 BNA\_P  
 ClientSampleId :  
 BGEZ6

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-BP072421.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |         |         |
|----|--------|------|------|------|------|---------|---------|---------|---------|
| 37 | 16.057 | 2201 | 2205 | 2207 | rBV5 | 7479    | 9341    | 0.11%   | 0.013%  |
| 38 | 16.539 | 2284 | 2287 | 2294 | rVB7 | 8161    | 13547   | 0.16%   | 0.019%  |
| 39 | 16.710 | 2311 | 2316 | 2320 | rBV  | 19146   | 33893   | 0.40%   | 0.048%  |
| 40 | 16.916 | 2346 | 2351 | 2354 | rBV4 | 9391    | 15276   | 0.18%   | 0.022%  |
| 41 | 17.127 | 2381 | 2387 | 2397 | rBV  | 1461398 | 2130129 | 25.12%  | 3.028%  |
| 42 | 17.233 | 2398 | 2405 | 2417 | rVV  | 3350174 | 4873597 | 57.48%  | 6.928%  |
| 43 | 17.333 | 2420 | 2422 | 2427 | rVB5 | 7976    | 10889   | 0.13%   | 0.015%  |
| 44 | 17.510 | 2449 | 2452 | 2461 | rVB8 | 5619    | 11226   | 0.13%   | 0.016%  |
| 45 | 17.822 | 2501 | 2505 | 2508 | rBV  | 35730   | 44305   | 0.52%   | 0.063%  |
| 46 | 18.039 | 2536 | 2542 | 2549 | rBV  | 174525  | 279579  | 3.30%   | 0.397%  |
| 47 | 18.451 | 2607 | 2612 | 2626 | rBV  | 306386  | 443884  | 5.24%   | 0.631%  |
| 48 | 18.933 | 2692 | 2694 | 2697 | rBV  | 23360   | 28221   | 0.33%   | 0.040%  |
| 49 | 19.051 | 2710 | 2714 | 2718 | rBV2 | 41252   | 61010   | 0.72%   | 0.087%  |
| 50 | 19.121 | 2721 | 2726 | 2730 | rVV  | 41020   | 58971   | 0.70%   | 0.084%  |
| 51 | 19.274 | 2748 | 2752 | 2759 | rBV3 | 76963   | 122669  | 1.45%   | 0.174%  |
| 52 | 19.474 | 2780 | 2786 | 2793 | rBV  | 4080232 | 5325725 | 62.81%  | 7.570%  |
| 53 | 20.021 | 2876 | 2879 | 2883 | rVB2 | 42509   | 45350   | 0.53%   | 0.064%  |
| 54 | 20.463 | 2950 | 2954 | 2959 | rBV  | 7664719 | 8479118 | 100.00% | 12.053% |
| 55 | 20.957 | 3034 | 3038 | 3047 | rBV  | 327086  | 510123  | 6.02%   | 0.725%  |
| 56 | 21.227 | 3080 | 3084 | 3093 | rBV  | 1796059 | 2255920 | 26.61%  | 3.207%  |
| 57 | 23.409 | 3447 | 3455 | 3463 | rBV2 | 2864191 | 5600310 | 66.05%  | 7.961%  |
| 58 | 23.557 | 3473 | 3480 | 3487 | rBV  | 1227974 | 2396427 | 28.26%  | 3.406%  |

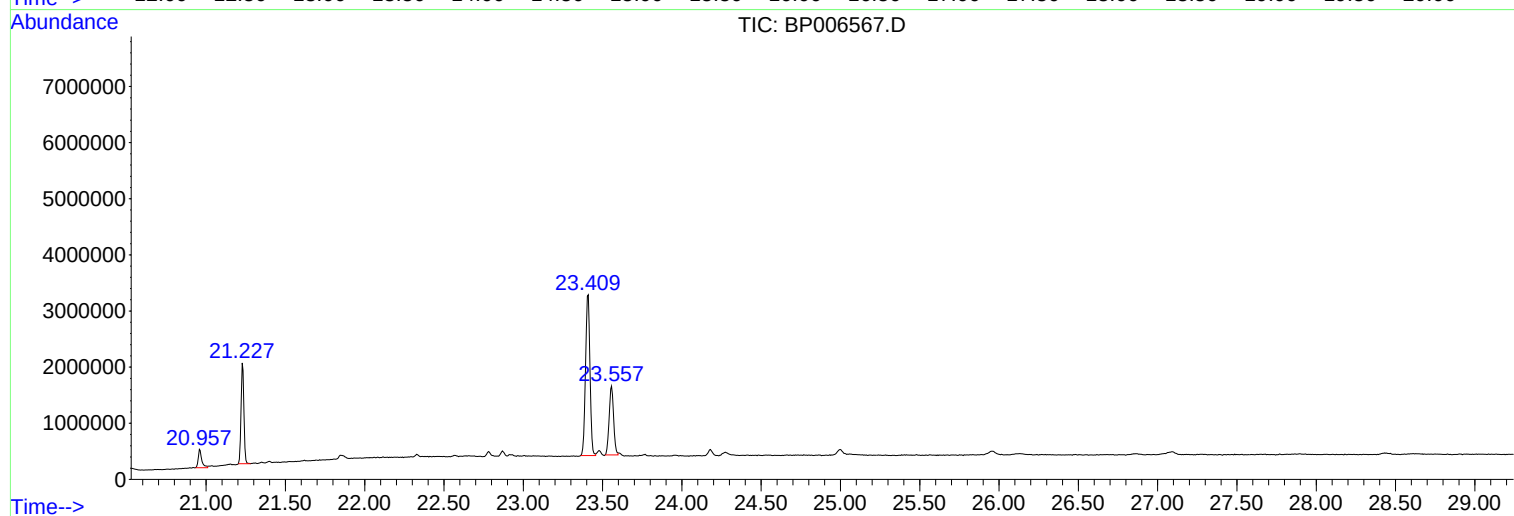
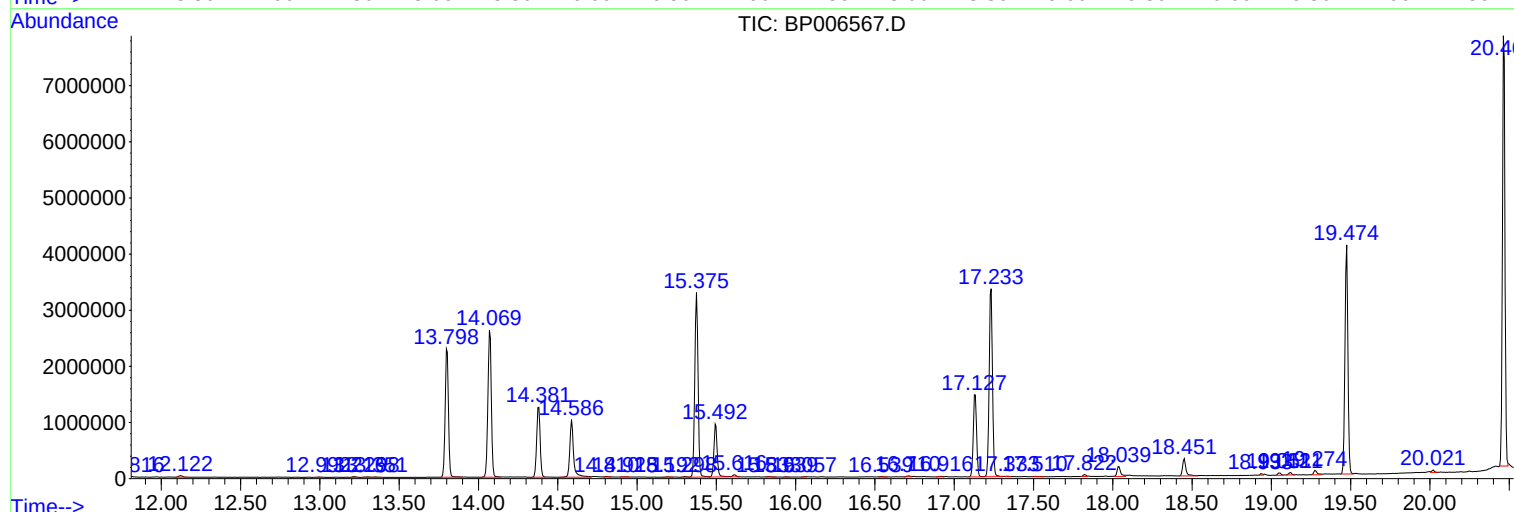
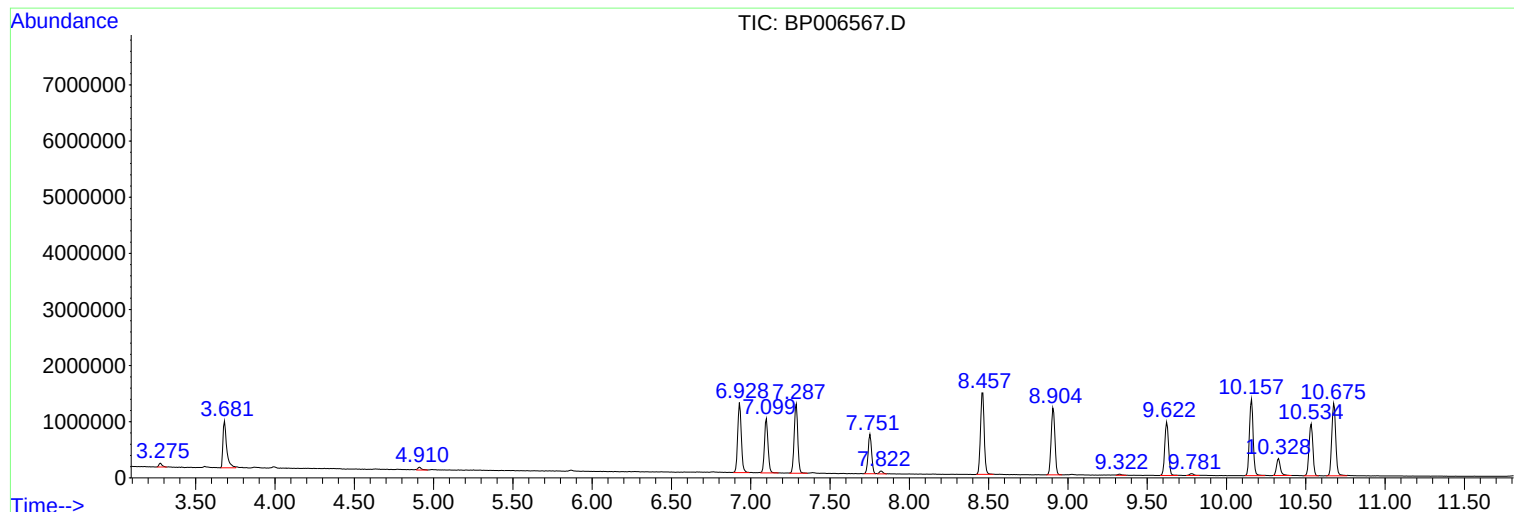
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Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
BGEZ6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SFAM-EPA-BP072421.M  
Quant Title : SVOA CALIBRATION

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



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Sample : M3163-17  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_P  
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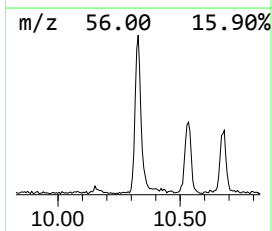
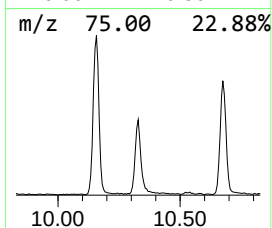
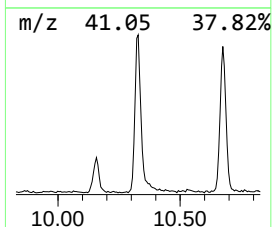
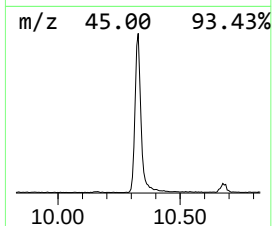
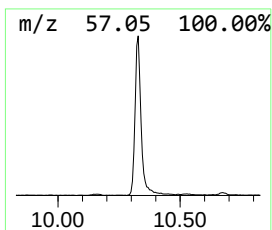
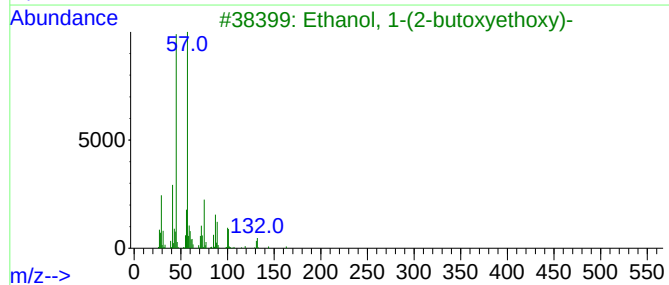
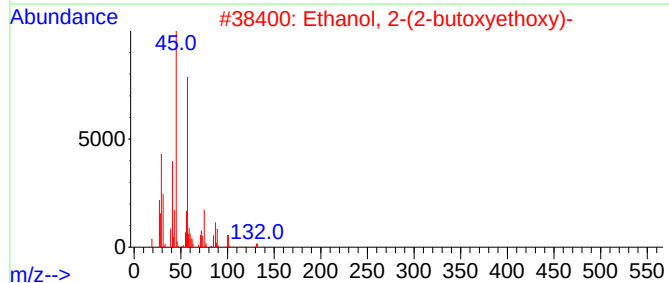
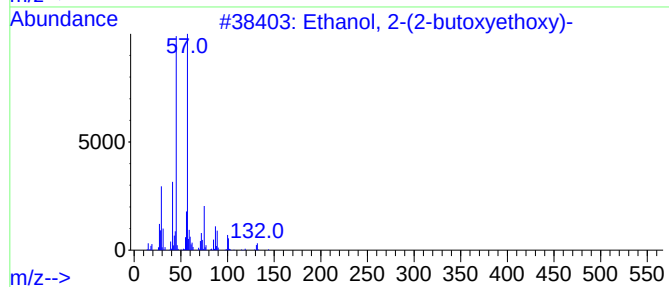
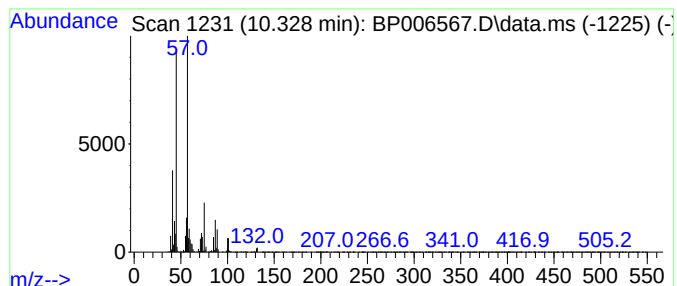
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SFAM-EPA-BP072421.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 1 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 2

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 10.330 | 6.63 ng/ul | 511285 | Naphthalene-d8   | 10.534 |

| Hit# | of | 5 | Tentative ID                 | MW  | MolForm | CAS#        | Qual |
|------|----|---|------------------------------|-----|---------|-------------|------|
| 1    |    |   | Ethanol, 2-(2-butoxyethoxy)- | 162 | C8H18O3 | 000112-34-5 | 90   |
| 2    |    |   | Ethanol, 2-(2-butoxyethoxy)- | 162 | C8H18O3 | 000112-34-5 | 90   |
| 3    |    |   | Ethanol, 1-(2-butoxyethoxy)- | 162 | C8H18O3 | 054446-78-5 | 90   |
| 4    |    |   | Ethanol, 2-(2-butoxyethoxy)- | 162 | C8H18O3 | 000112-34-5 | 90   |
| 5    |    |   | Ethanol, 1-(2-butoxyethoxy)- | 162 | C8H18O3 | 054446-78-5 | 83   |



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Instrument :  
BNA\_P  
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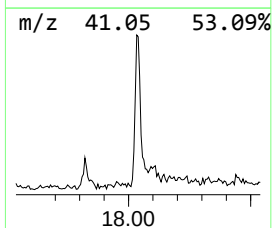
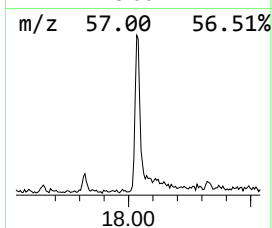
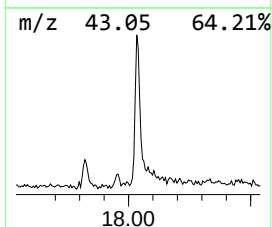
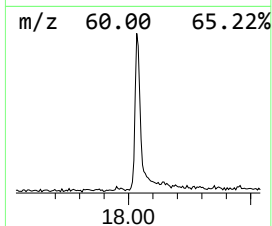
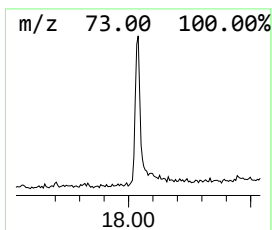
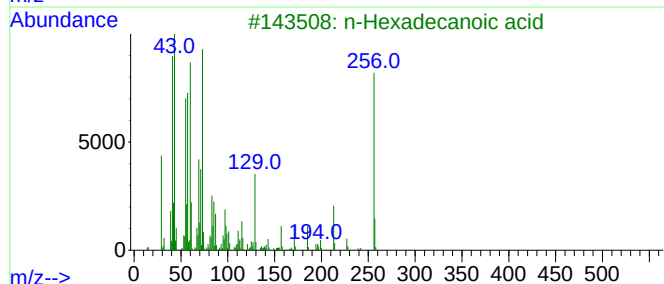
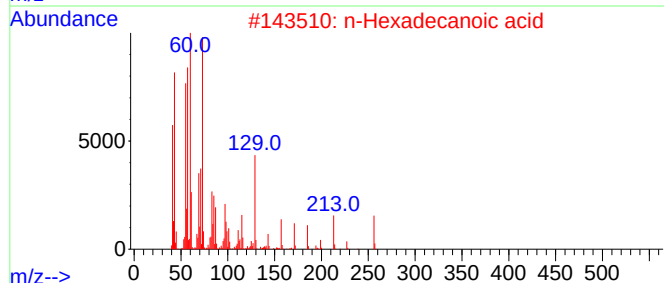
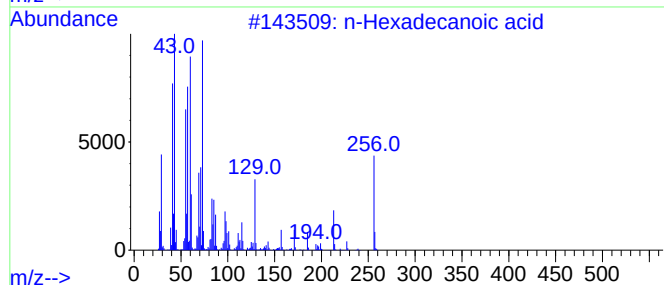
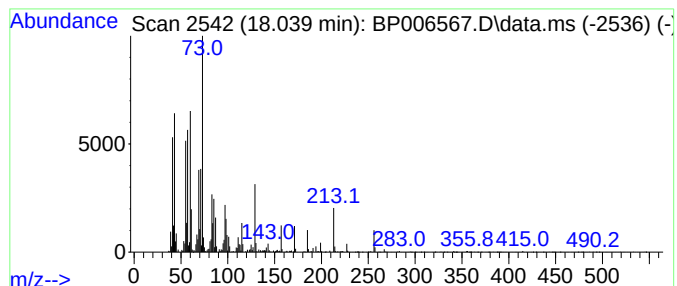
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SFAM-EPA-BP072421.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 2 n-Hexadecanoic acid Concentration Rank 5

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 18.040 | 2.63 ng/ul | 279579 | Phenanthrene-d10 | 17.133 |

| Hit# | of | 5 | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|---------------------|-----|----------|-------------|------|
| 1    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 98   |
| 2    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 98   |
| 3    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 98   |
| 4    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 96   |
| 5    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 94   |



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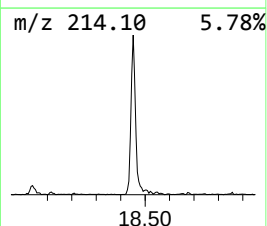
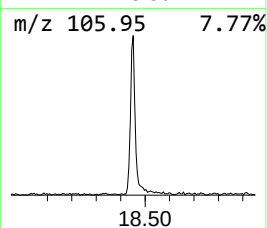
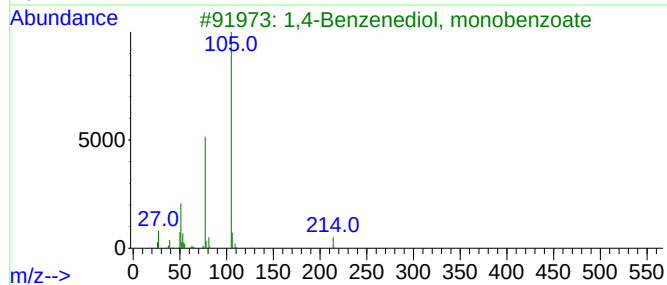
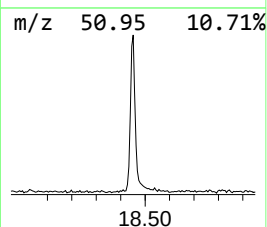
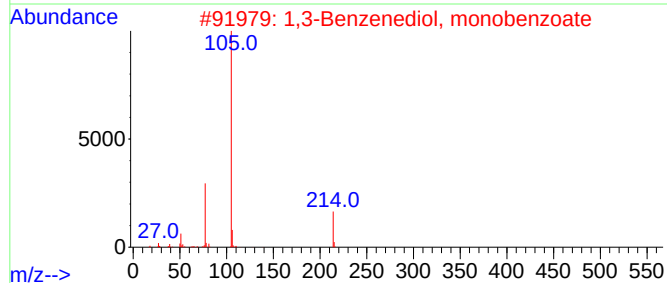
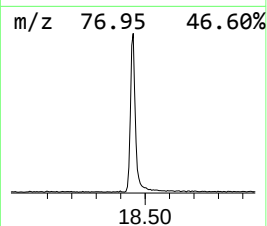
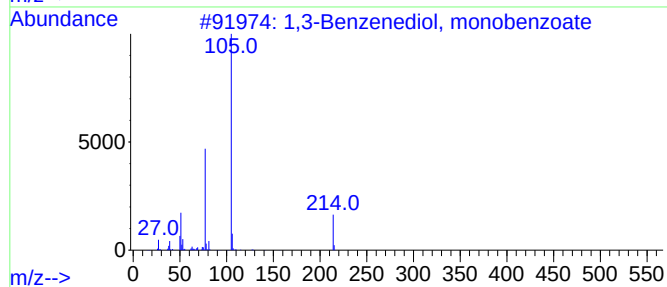
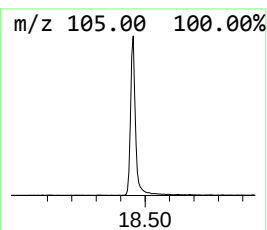
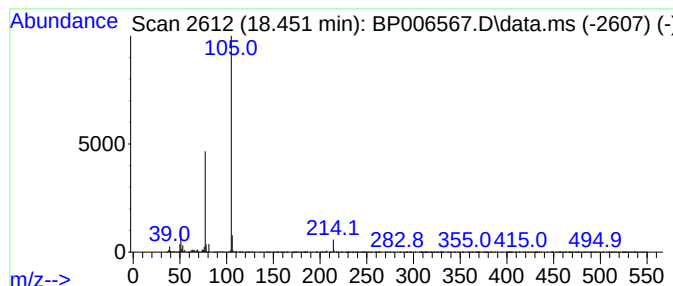
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SFAM-EPA-BP072421.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 3 1,3-Benzenediol, monobenzoate Concentration Rank 4

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 18.450 | 4.17 ng/ul | 443884 | Phenanthrene-d10 | 17.133 |

| Hit# | of | 5 | Tentative ID                  | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------|-----|----------|-------------|------|
| 1    |    |   | 1,3-Benzenediol, monobenzoate | 214 | C13H10O3 | 000136-36-7 | 91   |
| 2    |    |   | 1,3-Benzenediol, monobenzoate | 214 | C13H10O3 | 000136-36-7 | 91   |
| 3    |    |   | 1,4-Benzenediol, monobenzoate | 214 | C13H10O3 | 002444-19-1 | 91   |
| 4    |    |   | 1,3-Benzenediol, monobenzoate | 214 | C13H10O3 | 000136-36-7 | 87   |
| 5    |    |   | 1,4-Benzenediol, monobenzoate | 214 | C13H10O3 | 002444-19-1 | 86   |



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Quant Title : SVOA CALIBRATION

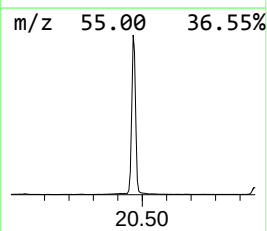
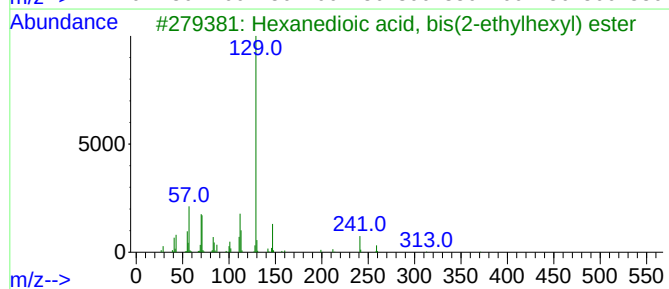
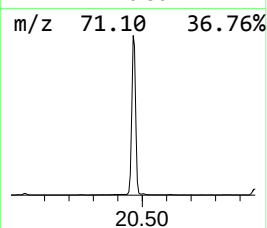
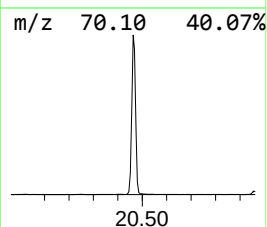
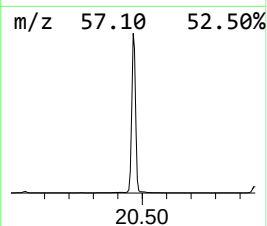
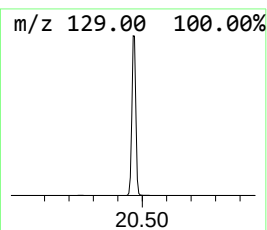
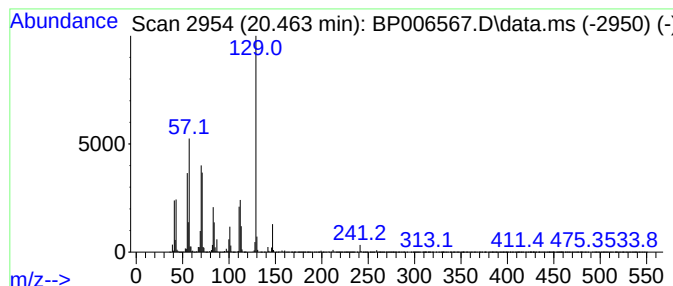
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 4 Hexanedioic acid, bis(2-eth... Concentration Rank 1

| R.T.   | EstConc     | Area    | Relative to ISTD | R.T.   |
|--------|-------------|---------|------------------|--------|
| 20.460 | 75.17 ng/ul | 8479120 | Chrysene-d12     | 21.227 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | Hexanedioic acid, bis(2-ethylhex... | 370 | C22H42O4 | 000103-23-1 | 90   |
| 2    |    |   | Diisooctyl adipate                  | 370 | C22H42O4 | 001330-86-5 | 90   |
| 3    |    |   | Hexanedioic acid, bis(2-ethylhex... | 370 | C22H42O4 | 000103-23-1 | 87   |
| 4    |    |   | Hexanedioic acid, bis(2-ethylhex... | 370 | C22H42O4 | 000103-23-1 | 86   |
| 5    |    |   | Hexanedioic acid, dioctyl ester     | 370 | C22H42O4 | 000123-79-5 | 86   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP080721\  
Data File : BP006567.D  
Acq On : 07 Aug 2021 14:24  
Operator : CG/JU  
Sample : M3163-17  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
BGEZ6

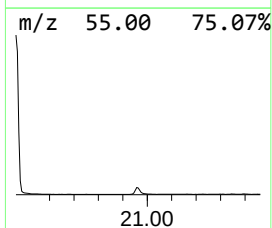
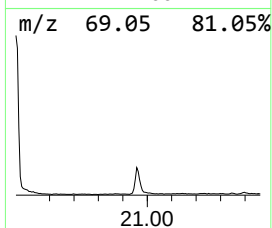
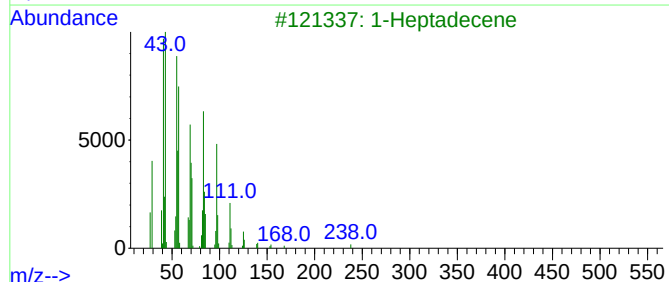
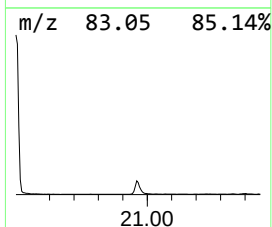
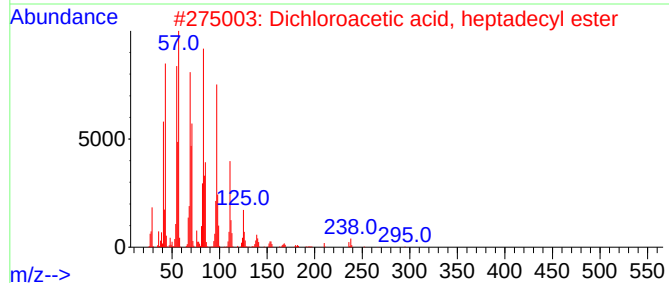
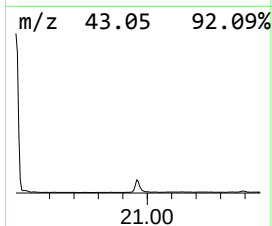
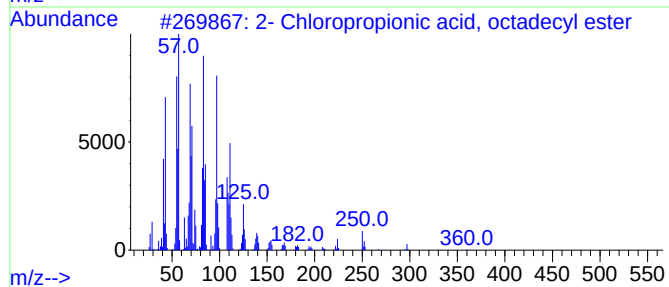
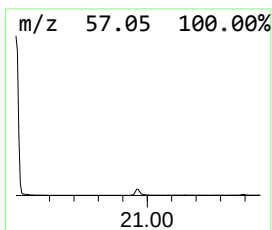
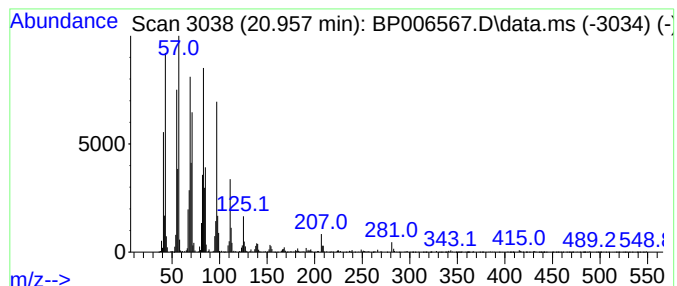
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Quant Title : SVOA CALIBRATION

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

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Peak Number 5 2- Chloropropionic acid, oc... Concentration Rank 3

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 20.960 | 4.52 ng/ul | 510123 | Chrysene-d12     | 21.227 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm     | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-------------|--------------|------|
| 1    |    |   | 2- Chloropropionic acid, octadec... | 360 | C21H41ClO2  | 088104-31-8  | 95   |
| 2    |    |   | Dichloroacetic acid, heptadecyl ... | 366 | C19H36Cl2O2 | 1000282-98-2 | 94   |
| 3    |    |   | 1-Heptadecene                       | 238 | C17H34      | 006765-39-5  | 93   |
| 4    |    |   | n-Nonadecanol-1                     | 284 | C19H40O     | 001454-84-8  | 93   |
| 5    |    |   | E-14-Hexadecenal                    | 238 | C16H30O     | 330207-53-9  | 92   |





Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP080721\  
 Data File : BP006567.D  
 Acq On : 07 Aug 2021 14:24  
 Operator : CG/JU  
 Sample : M3163-17  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 BGEZ6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SFAM-EPA-BP072421.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 |
| Ethanol, 2-(2-b... | 10.330 | 6.6     | ng/ul | 511285   | 2                     | 10.534 | 1543090 | 20.0 |
| n-Hexadecanoic ... | 18.040 | 2.6     | ng/ul | 279579   | 4                     | 17.133 | 2130130 | 20.0 |
| 1,3-Benzenediol... | 18.450 | 4.2     | ng/ul | 443884   | 4                     | 17.133 | 2130130 | 20.0 |
| Hexanedioic aci... | 20.460 | 75.2    | ng/ul | 8479120  | 5                     | 21.227 | 2255920 | 20.0 |
| 2- Chloropropio... | 20.960 | 4.5     | ng/ul | 510123   | 5                     | 21.227 | 2255920 | 20.0 |