

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM063021\  
 Data File : BM030791.D  
 Acq On : 03 Jul 2021 01:23  
 Operator : CG/JU  
 Sample : M2869-01  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BGDW8

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\SFAM-EPA-BM062221.M  
 Title : SVOA CALIBRATION

Signal : TIC: BM030791.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         | 3.263       | 26            | 30          | 40           | rVB      | 29693          | 47811         | 0.56%           | 0.129%        |
| 2         | 3.558       | 77            | 80          | 86           | rBV      | 10589          | 18362         | 0.21%           | 0.049%        |
| 3         | 3.675       | 97            | 100         | 121          | rBV      | 250738         | 489180        | 5.70%           | 1.316%        |
| 4         | 3.981       | 150           | 152         | 160          | rVB4     | 6270           | 10823         | 0.13%           | 0.029%        |
| 5         | 6.781       | 624           | 628         | 634          | rBV5     | 4832           | 9934          | 0.12%           | 0.027%        |
| 6         | 6.934       | 648           | 654         | 665          | rBV      | 519872         | 844454        | 9.84%           | 2.271%        |
| 7         | 7.104       | 677           | 683         | 696          | rBV      | 379147         | 600483        | 7.00%           | 1.615%        |
| 8         | 7.298       | 709           | 716         | 727          | rBV      | 511045         | 834573        | 9.73%           | 2.244%        |
| 9         | 7.393       | 729           | 732         | 742          | rBV2     | 16428          | 37611         | 0.44%           | 0.101%        |
| 10        | 7.769       | 786           | 796         | 802          | rBV      | 340585         | 536146        | 6.25%           | 1.442%        |
| 11        | 7.834       | 802           | 807         | 814          | rVB      | 20245          | 31902         | 0.37%           | 0.086%        |
| 12        | 8.469       | 904           | 915         | 927          | rBV      | 632859         | 1023296       | 11.93%          | 2.752%        |
| 13        | 8.922       | 985           | 992         | 1000         | rBV      | 466896         | 774375        | 9.03%           | 2.082%        |
| 14        | 9.639       | 1107          | 1114        | 1128         | rBV      | 378575         | 640214        | 7.46%           | 1.722%        |
| 15        | 10.175      | 1197          | 1205        | 1222         | rBV      | 598331         | 1042755       | 12.15%          | 2.804%        |
| 16        | 10.381      | 1234          | 1240        | 1252         | rBV3     | 7528           | 19507         | 0.23%           | 0.052%        |
| 17        | 10.551      | 1262          | 1269        | 1279         | rVB      | 460820         | 765214        | 8.92%           | 2.058%        |
| 18        | 10.692      | 1286          | 1293        | 1307         | rBV      | 533423         | 976890        | 11.39%          | 2.627%        |
| 19        | 12.145      | 1536          | 1540        | 1548         | rVB2     | 8470           | 13877         | 0.16%           | 0.037%        |
| 20        | 13.292      | 1730          | 1735        | 1740         | rBV2     | 16381          | 24317         | 0.28%           | 0.065%        |
| 21        | 13.810      | 1816          | 1823        | 1827         | rBV      | 1014388        | 1409499       | 16.43%          | 3.790%        |
| 22        | 13.857      | 1827          | 1831        | 1840         | rVB      | 375863         | 540303        | 6.30%           | 1.453%        |
| 23        | 14.092      | 1864          | 1871        | 1879         | rVB      | 1200343        | 1772356       | 20.66%          | 4.766%        |
| 24        | 14.398      | 1916          | 1923        | 1931         | rBV      | 669563         | 1001954       | 11.68%          | 2.694%        |
| 25        | 14.598      | 1949          | 1957        | 1982         | rBV      | 254255         | 553718        | 6.45%           | 1.489%        |
| 26        | 15.304      | 2073          | 2077        | 2081         | rBV2     | 7203           | 12747         | 0.15%           | 0.034%        |
| 27        | 15.392      | 2082          | 2092        | 2102         | rVV      | 1521429        | 2225000       | 25.94%          | 5.983%        |
| 28        | 15.516      | 2107          | 2113        | 2128         | rVV      | 331888         | 501599        | 5.85%           | 1.349%        |
| 29        | 15.627      | 2128          | 2132        | 2139         | rVB      | 17368          | 28923         | 0.34%           | 0.078%        |
| 30        | 16.174      | 2220          | 2225        | 2230         | rVB4     | 9425           | 12319         | 0.14%           | 0.033%        |
| 31        | 16.374      | 2255          | 2259        | 2264         | rBV      | 8525           | 11264         | 0.13%           | 0.030%        |
| 32        | 16.704      | 2310          | 2315        | 2319         | rBV      | 12958          | 23365         | 0.27%           | 0.063%        |
| 33        | 17.133      | 2382          | 2388        | 2395         | rBV      | 766699         | 1125729       | 13.12%          | 3.027%        |
| 34        | 17.233      | 2399          | 2405        | 2417         | rVV      | 1557844        | 2258205       | 26.32%          | 6.073%        |
| 35        | 17.810      | 2499          | 2503        | 2506         | rBV4     | 7622           | 10579         | 0.12%           | 0.028%        |
| 36        | 18.027      | 2535          | 2540        | 2551         | rBV2     | 135332         | 208303        | 2.43%           | 0.560%        |

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Instrument :  
 BNA\_M  
 ClientSampleId :  
 BGDW8

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\SFAM-EPA-BM062221.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |         |         |
|----|--------|------|------|------|------|---------|---------|---------|---------|
| 37 | 18.462 | 2608 | 2614 | 2622 | rBV  | 441974  | 653193  | 7.61%   | 1.757%  |
| 38 | 18.792 | 2666 | 2670 | 2674 | rVB  | 20369   | 26720   | 0.31%   | 0.072%  |
| 39 | 19.162 | 2729 | 2733 | 2736 | rBV  | 15048   | 20128   | 0.23%   | 0.054%  |
| 40 | 19.198 | 2736 | 2739 | 2745 | rVB4 | 9776    | 13409   | 0.16%   | 0.036%  |
| 41 | 19.304 | 2754 | 2757 | 2764 | rBV4 | 19976   | 29769   | 0.35%   | 0.080%  |
| 42 | 19.409 | 2772 | 2775 | 2781 | rBV  | 13304   | 20440   | 0.24%   | 0.055%  |
| 43 | 19.521 | 2788 | 2794 | 2803 | rBV  | 1757421 | 2417941 | 28.18%  | 6.502%  |
| 44 | 20.304 | 2924 | 2927 | 2930 | rBV3 | 9495    | 10751   | 0.13%   | 0.029%  |
| 45 | 20.521 | 2958 | 2964 | 2968 | rBV  | 7834910 | 8578836 | 100.00% | 23.070% |
| 46 | 21.015 | 3044 | 3048 | 3059 | rBV  | 347480  | 488701  | 5.70%   | 1.314%  |
| 47 | 21.303 | 3092 | 3097 | 3107 | rBV  | 838078  | 1076322 | 12.55%  | 2.894%  |
| 48 | 23.409 | 3448 | 3455 | 3466 | rBV  | 1197043 | 2322082 | 27.07%  | 6.245%  |
| 49 | 23.550 | 3473 | 3479 | 3488 | rVB2 | 572069  | 1089822 | 12.70%  | 2.931%  |

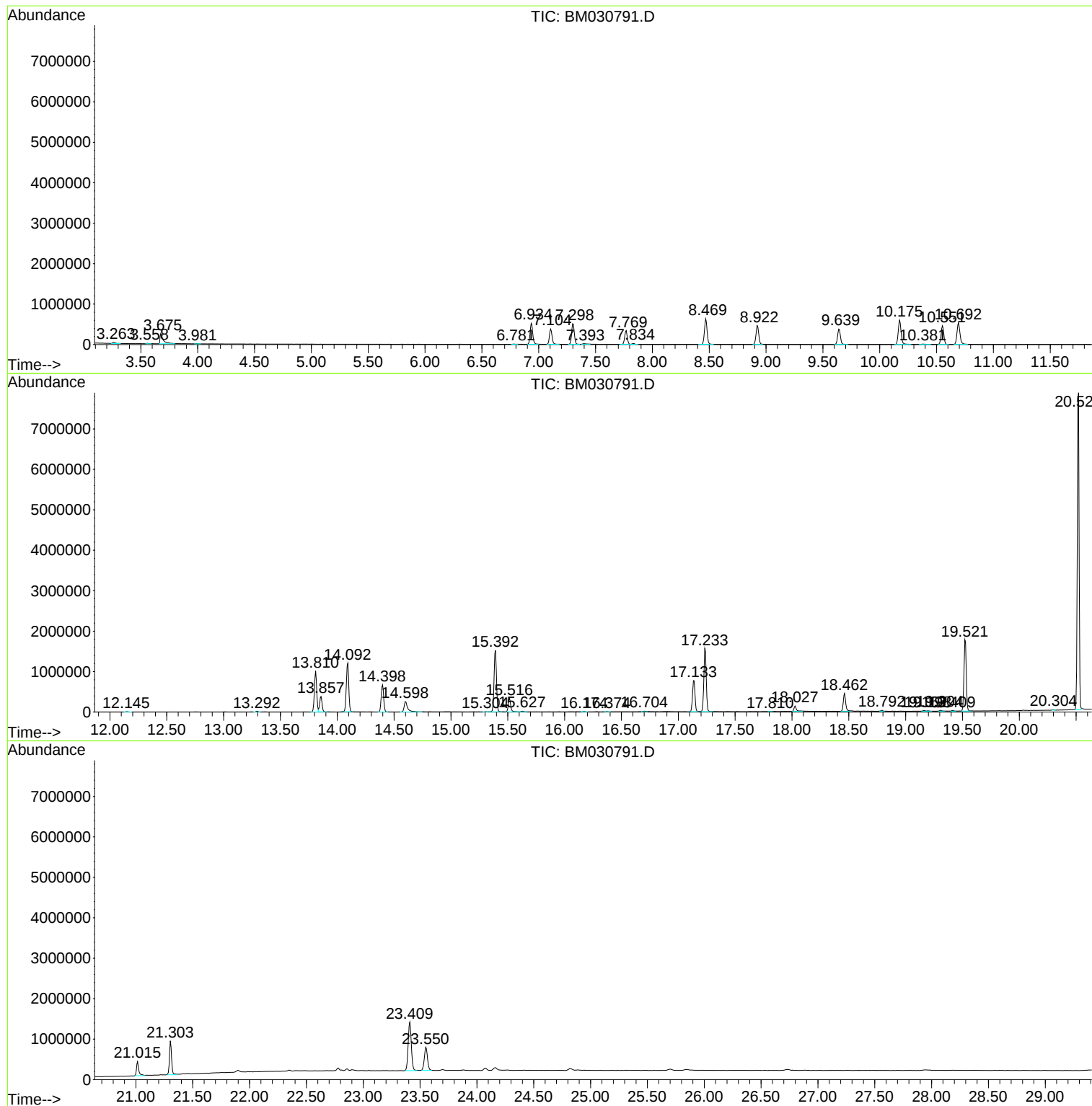
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BNA\_M  
ClientSampleId :  
BGDW8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-BM062221.M  
Quant Title : SVOA CALIBRATION

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



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Instrument :  
BNA\_M  
ClientSampleId :  
BGDW8

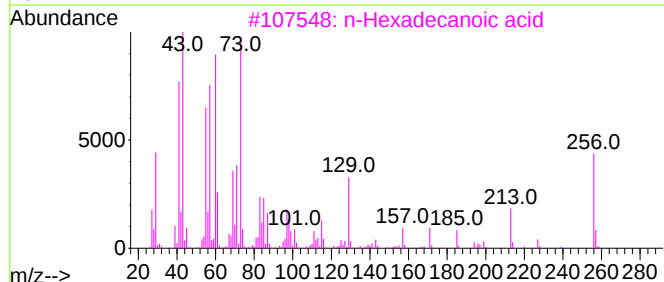
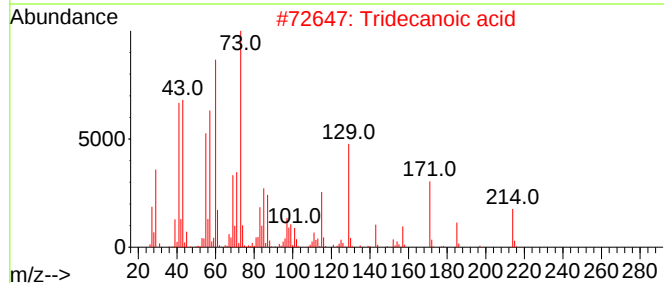
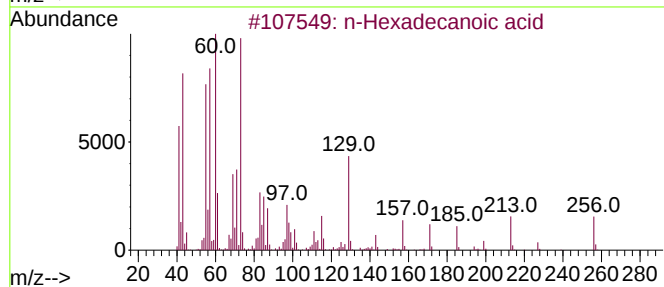
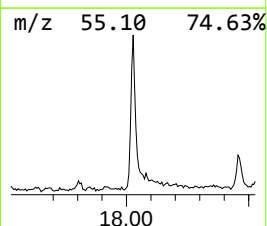
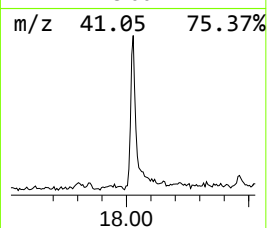
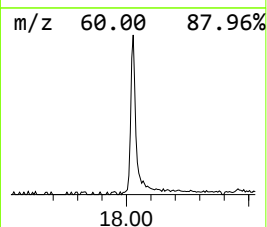
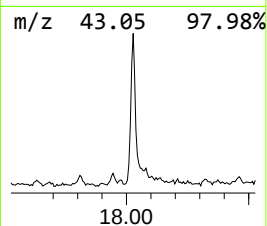
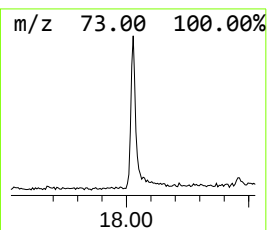
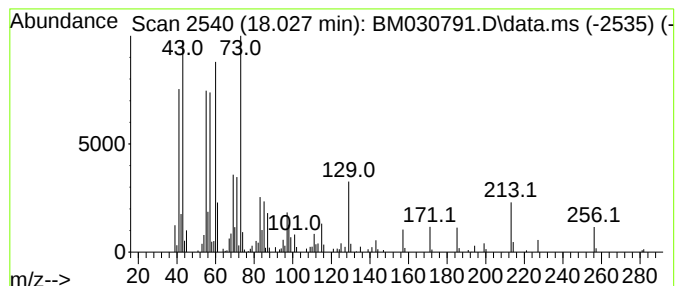
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-BM062221.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 1 n-Hexadecanoic acid Concentration Rank 4

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 18.030 | 3.70 ng/ul | 208303 | Phenanthrene-d10 | 17.139 |

| Hit# | of | 5 | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|---------------------|-----|----------|-------------|------|
| 1    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 99   |
| 2    |    |   | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 94   |
| 3    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 93   |
| 4    |    |   | Pentadecanoic acid  | 242 | C15H30O2 | 001002-84-2 | 81   |
| 5    |    |   | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 76   |



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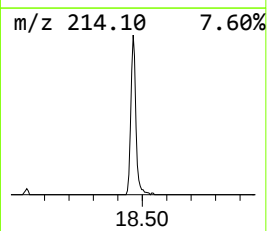
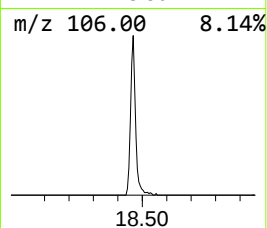
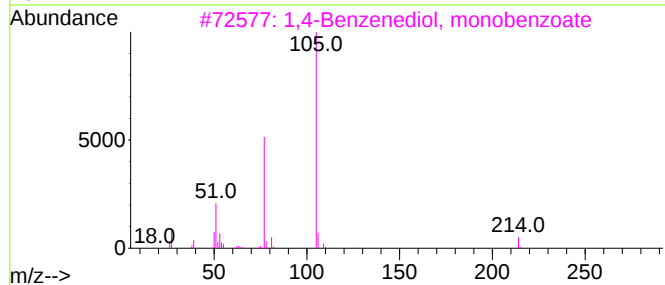
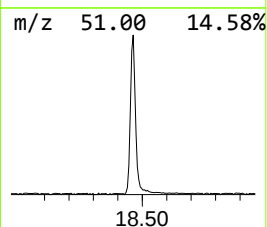
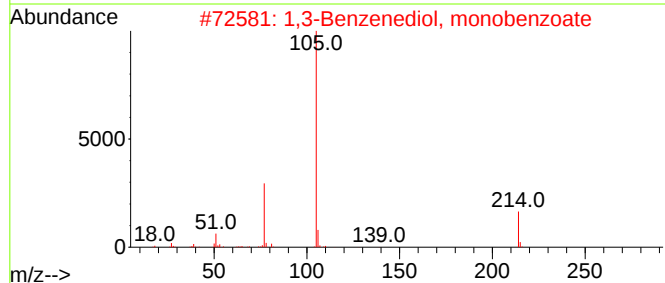
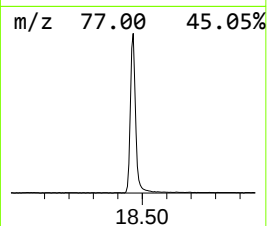
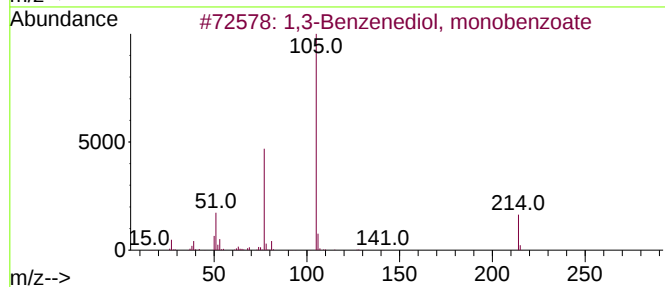
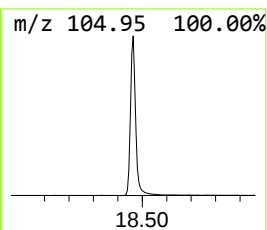
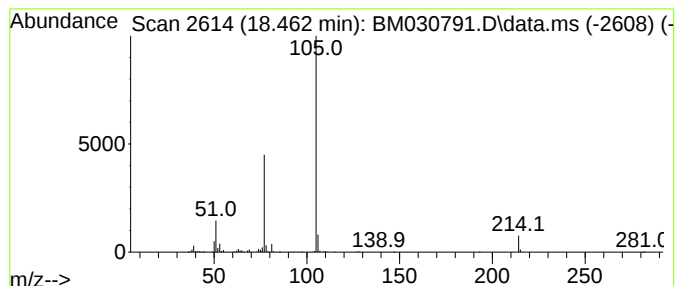
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-BM062221.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 2 1,3-Benzenediol, monobenzoate Concentration Rank 2

| R.T.   | EstConc     | Area   | Relative to ISTD | R.T.   |
|--------|-------------|--------|------------------|--------|
| 18.460 | 11.60 ng/ul | 653193 | Phenanthrene-d10 | 17.139 |

| 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 | 86      |      |      |
| 5    | N-(4-Fluorophenyl)-.alpha.-phene... | 215 | C14H14FN     | 148254-55-1 | 72      |      |      |



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Instrument :  
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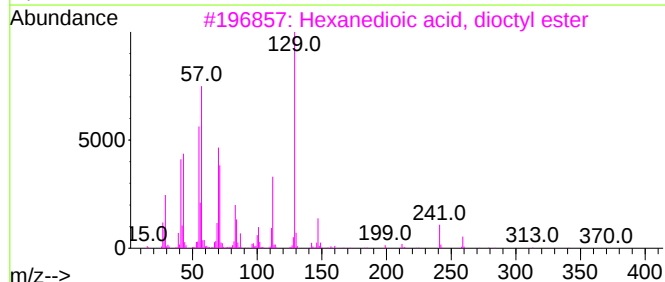
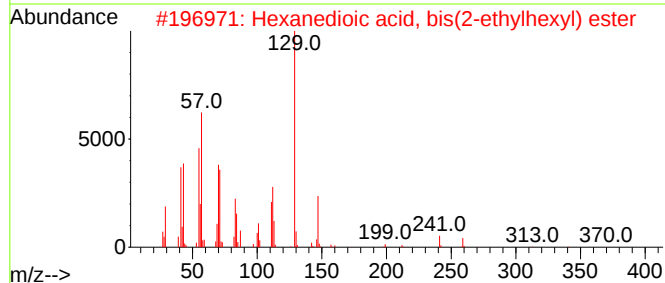
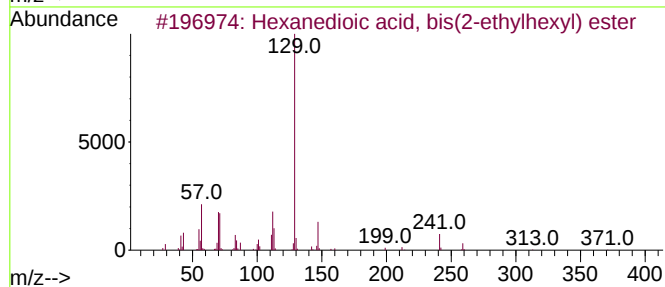
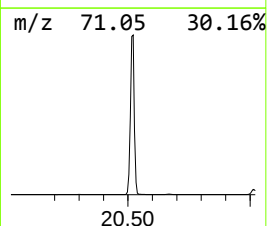
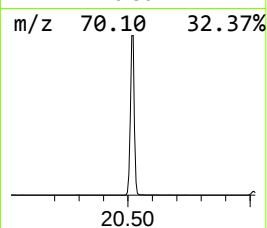
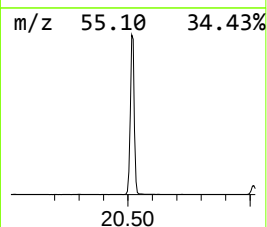
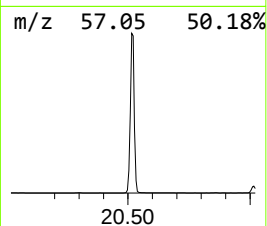
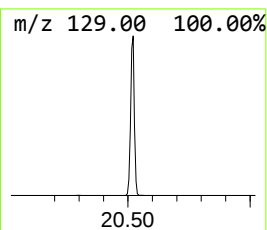
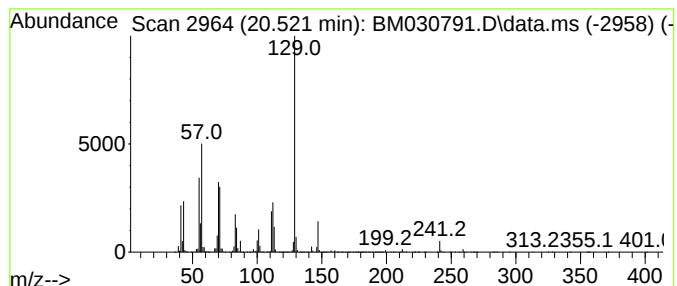
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-BM062221.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 3 Hexanedioic acid, bis(2-eth... Concentration Rank 1

| R.T.   | EstConc      | Area    | Relative to ISTD | R.T.   |
|--------|--------------|---------|------------------|--------|
| 20.520 | 159.41 ng/ul | 8578840 | Chrysene-d12     | 21.303 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|----------|--------------|------|
| 1    |    |   | Hexanedioic acid, bis(2-ethylhex... | 370 | C22H42O4 | 000103-23-1  | 91   |
| 2    |    |   | Hexanedioic acid, bis(2-ethylhex... | 370 | C22H42O4 | 000103-23-1  | 90   |
| 3    |    |   | Hexanedioic acid, dioctyl ester     | 370 | C22H42O4 | 000123-79-5  | 90   |
| 4    |    |   | Hexanedioic acid, bis(2-ethylhex... | 370 | C22H42O4 | 000103-23-1  | 87   |
| 5    |    |   | Adipic acid, 2-ethylhexyl octyl ... | 370 | C22H42O4 | 1000324-48-6 | 80   |



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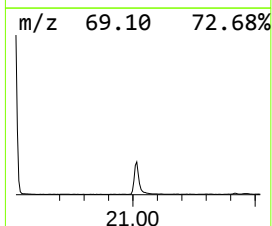
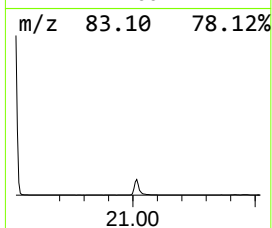
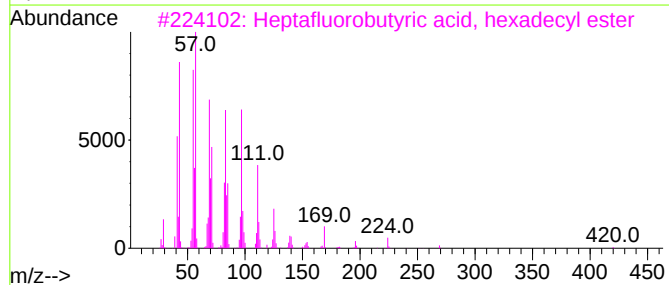
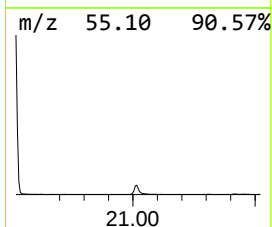
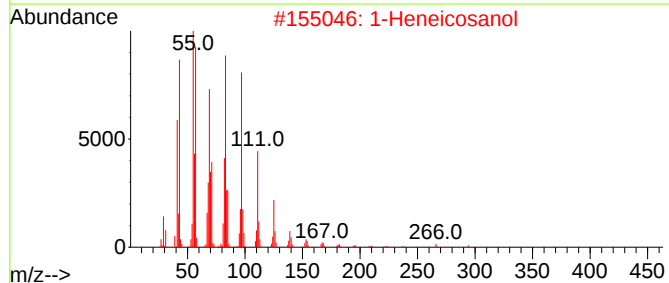
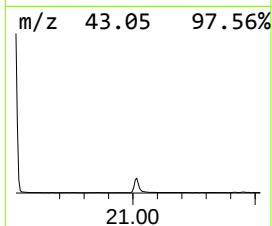
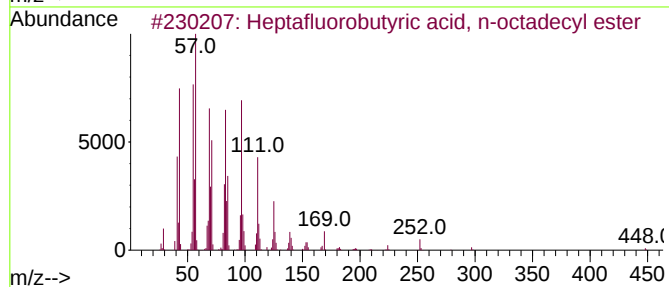
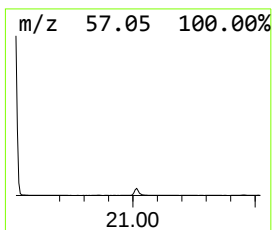
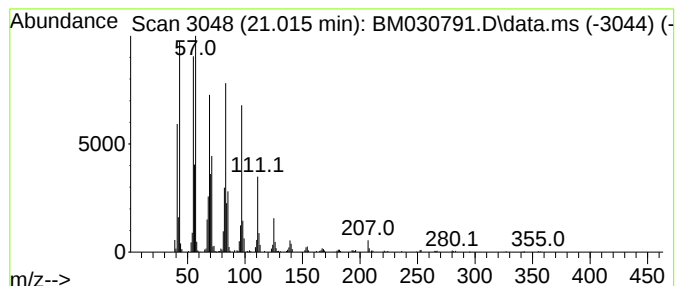
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Quant Title : SVOA CALIBRATION

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

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Peak Number 4 Heptafluorobutyric acid, n-... Concentration Rank 3

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 21.020 | 9.08 ng/ul | 488701 | Chrysene-d12     | 21.303 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm    | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|------------|-------------|------|
| 1    |    |   | Heptafluorobutyric acid, n-octad... | 466 | C22H37F7O2 | 000400-57-7 | 94   |
| 2    |    |   | 1-Heneicosanol                      | 312 | C21H44O    | 015594-90-8 | 94   |
| 3    |    |   | Heptafluorobutyric acid, hexadec... | 438 | C20H33F7O2 | 006385-15-5 | 91   |
| 4    |    |   | n-Tetracosanol-1                    | 354 | C24H50O    | 000506-51-4 | 91   |
| 5    |    |   | 5-Eicosene, (E)-                    | 280 | C20H40     | 074685-30-6 | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM063021\  
Data File : BM030791.D  
Acq On : 03 Jul 2021 01:23  
Operator : CG/JU  
Sample : M2869-01  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
BGDW8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-BM062221.M  
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 |
| n-Hexadecanoic ... | 18.030 | 3.7     | ng/ul | 208303   | 4                     | 17.139 | 1125730 | 20.0 |
| 1,3-Benzenediol... | 18.460 | 11.6    | ng/ul | 653193   | 4                     | 17.139 | 1125730 | 20.0 |
| Hexanedioic aci... | 20.520 | 159.4   | ng/ul | 8578840  | 5                     | 21.303 | 1076320 | 20.0 |
| Heptafluorobuty... | 21.020 | 9.1     | ng/ul | 488701   | 5                     | 21.303 | 1076320 | 20.0 |