

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP070823\  
 Data File : BP016095.D  
 Acq On : 08 Jul 2023 16:25  
 Operator : MA/JU  
 Sample : 03332-19  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 YBTZ2

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-BP062623.MA.M  
 Title : SVOA CALIBRATION

Signal : TIC: BP016095.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         | 3.352       | 24            | 28          | 34           | rVB      | 33266          | 49877         | 1.15%           | 0.109%        |
| 2         | 3.805       | 102           | 105         | 130          | rBV      | 275520         | 672048        | 15.50%          | 1.471%        |
| 3         | 4.111       | 155           | 157         | 161          | rBV5     | 6329           | 7166          | 0.17%           | 0.016%        |
| 4         | 7.246       | 683           | 690         | 705          | rBV      | 214778         | 821547        | 18.95%          | 1.799%        |
| 5         | 7.369       | 705           | 711         | 719          | rBV      | 201308         | 450918        | 10.40%          | 0.987%        |
| 6         | 7.581       | 740           | 747         | 770          | rVB      | 316961         | 885513        | 20.43%          | 1.939%        |
| 7         | 8.034       | 817           | 824         | 851          | rBV      | 224305         | 802635        | 18.51%          | 1.757%        |
| 8         | 8.222       | 854           | 856         | 863          | rVB8     | 7145           | 11828         | 0.27%           | 0.026%        |
| 9         | 8.805       | 946           | 955         | 991          | rBV      | 248658         | 1213835       | 28.00%          | 2.658%        |
| 10        | 9.252       | 1023          | 1031        | 1068         | rBV      | 262470         | 952306        | 21.97%          | 2.085%        |
| 11        | 9.534       | 1076          | 1079        | 1086         | rVB5     | 9833           | 18279         | 0.42%           | 0.040%        |
| 12        | 9.993       | 1147          | 1157        | 1185         | rBV2     | 154333         | 799014        | 18.43%          | 1.749%        |
| 13        | 10.169      | 1185          | 1187        | 1190         | rVV4     | 6356           | 8973          | 0.21%           | 0.020%        |
| 14        | 10.216      | 1193          | 1195        | 1203         | rVB8     | 4868           | 8065          | 0.19%           | 0.018%        |
| 15        | 10.593      | 1251          | 1259        | 1276         | rBV      | 172856         | 851328        | 19.64%          | 1.864%        |
| 16        | 10.863      | 1298          | 1305        | 1331         | rVB      | 491556         | 1512205       | 34.88%          | 3.311%        |
| 17        | 11.081      | 1335          | 1342        | 1370         | rBV      | 194323         | 1003311       | 23.14%          | 2.197%        |
| 18        | 12.028      | 1501          | 1503        | 1508         | rVB5     | 4646           | 6669          | 0.15%           | 0.015%        |
| 19        | 13.498      | 1747          | 1753        | 1755         | rBV7     | 7224           | 10904         | 0.25%           | 0.024%        |
| 20        | 13.563      | 1759          | 1764        | 1777         | rVB4     | 22604          | 56216         | 1.30%           | 0.123%        |
| 21        | 14.016      | 1835          | 1841        | 1844         | rBV6     | 5035           | 6875          | 0.16%           | 0.015%        |
| 22        | 14.104      | 1849          | 1856        | 1878         | rBV      | 780904         | 2028087       | 46.78%          | 4.440%        |
| 23        | 14.375      | 1895          | 1902        | 1921         | rBV      | 1220340        | 2360001       | 54.44%          | 5.167%        |
| 24        | 14.563      | 1930          | 1934        | 1939         | rVB6     | 10330          | 19180         | 0.44%           | 0.042%        |
| 25        | 14.681      | 1947          | 1954        | 1969         | rBV      | 1373025        | 2528088       | 58.32%          | 5.535%        |
| 26        | 15.504      | 2092          | 2094        | 2099         | rVB5     | 5193           | 7673          | 0.18%           | 0.017%        |
| 27        | 15.692      | 2117          | 2126        | 2152         | rBV      | 1215556        | 3076533       | 70.97%          | 6.736%        |
| 28        | 15.910      | 2156          | 2163        | 2184         | rVV3     | 108729         | 574420        | 13.25%          | 1.258%        |
| 29        | 16.069      | 2184          | 2190        | 2206         | rVB      | 326114         | 660723        | 15.24%          | 1.447%        |
| 30        | 16.328      | 2230          | 2234        | 2237         | rVB5     | 10684          | 14345         | 0.33%           | 0.031%        |
| 31        | 16.487      | 2257          | 2261        | 2264         | rVB5     | 4601           | 6807          | 0.16%           | 0.015%        |
| 32        | 16.522      | 2264          | 2267        | 2271         | rBV6     | 2792           | 5182          | 0.12%           | 0.011%        |
| 33        | 16.616      | 2278          | 2283        | 2289         | rBV2     | 17386          | 31874         | 0.74%           | 0.070%        |
| 34        | 16.757      | 2305          | 2307        | 2310         | rVB4     | 4979           | 4973          | 0.11%           | 0.011%        |
| 35        | 17.110      | 2363          | 2367        | 2372         | rBV8     | 8757           | 14227         | 0.33%           | 0.031%        |
| 36        | 17.345      | 2403          | 2407        | 2412         | rVB8     | 4510           | 9129          | 0.21%           | 0.020%        |

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Instrument :  
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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

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 Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |         |        |
|----|--------|------|------|------|------|---------|---------|---------|--------|
| 37 | 17.445 | 2417 | 2424 | 2436 | rBV  | 1816338 | 3213725 | 74.13%  | 7.036% |
| 38 | 17.557 | 2436 | 2443 | 2468 | rVB2 | 1100740 | 3353945 | 77.37%  | 7.343% |
| 39 | 18.298 | 2564 | 2569 | 2581 | rBV  | 188810  | 455901  | 10.52%  | 0.998% |
| 40 | 19.145 | 2710 | 2713 | 2719 | rVB6 | 16526   | 27695   | 0.64%   | 0.061% |
| 41 | 19.357 | 2746 | 2749 | 2753 | rBV2 | 26430   | 37969   | 0.88%   | 0.083% |
| 42 | 19.528 | 2774 | 2778 | 2785 | rBV5 | 62714   | 122766  | 2.83%   | 0.269% |
| 43 | 19.781 | 2815 | 2821 | 2846 | rBV  | 1817876 | 4335158 | 100.00% | 9.492% |
| 44 | 21.227 | 3061 | 3067 | 3078 | rBV3 | 396456  | 999225  | 23.05%  | 2.188% |
| 45 | 21.545 | 3116 | 3121 | 3132 | rBV2 | 1554249 | 3790114 | 87.43%  | 8.298% |
| 46 | 23.839 | 3508 | 3511 | 3515 | rBV  | 199325  | 295180  | 6.81%   | 0.646% |
| 47 | 23.904 | 3516 | 3522 | 3541 | rVV3 | 1435707 | 3800612 | 87.67%  | 8.321% |
| 48 | 24.080 | 3545 | 3552 | 3576 | rVB  | 1230203 | 3749936 | 86.50%  | 8.210% |

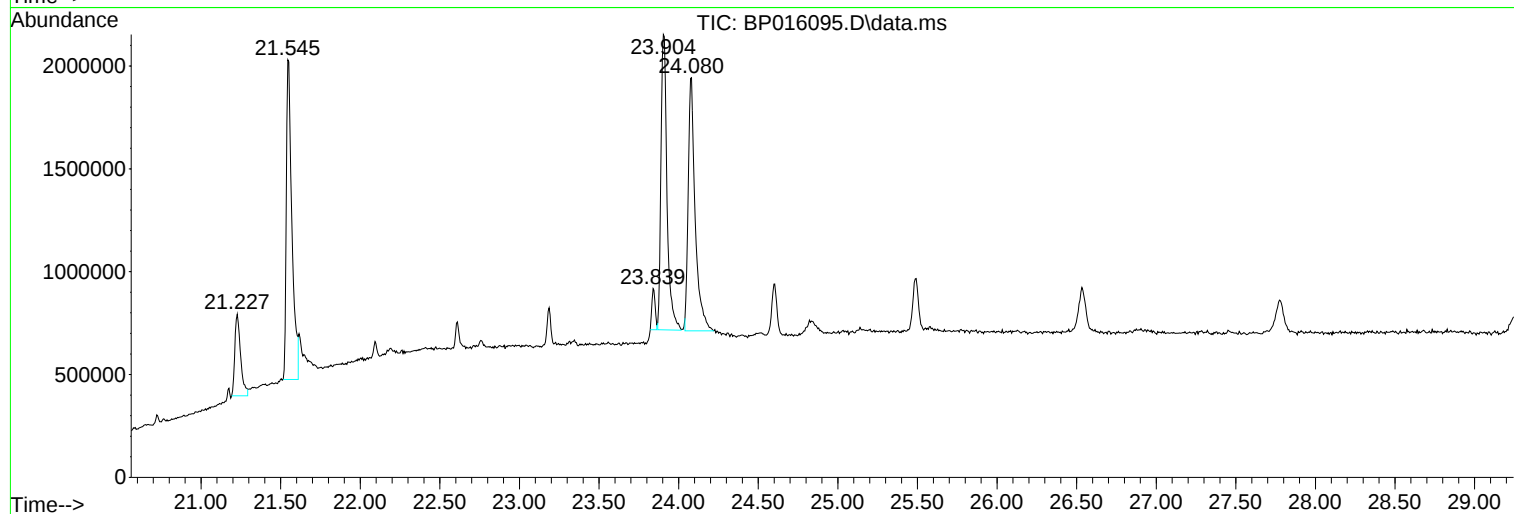
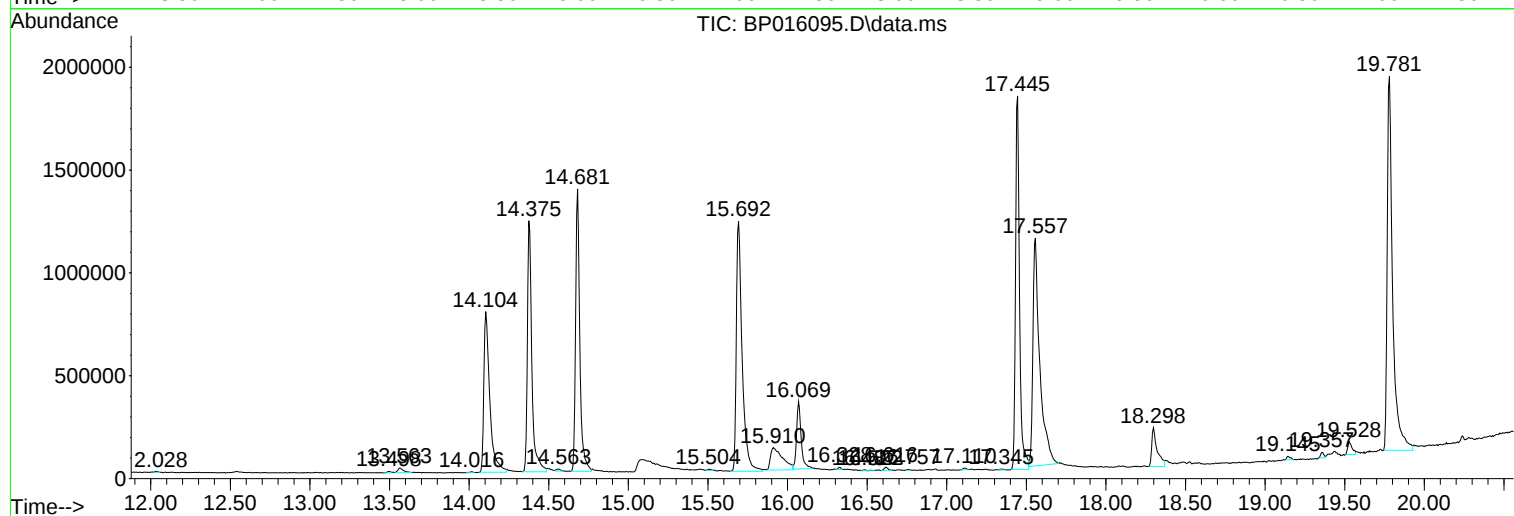
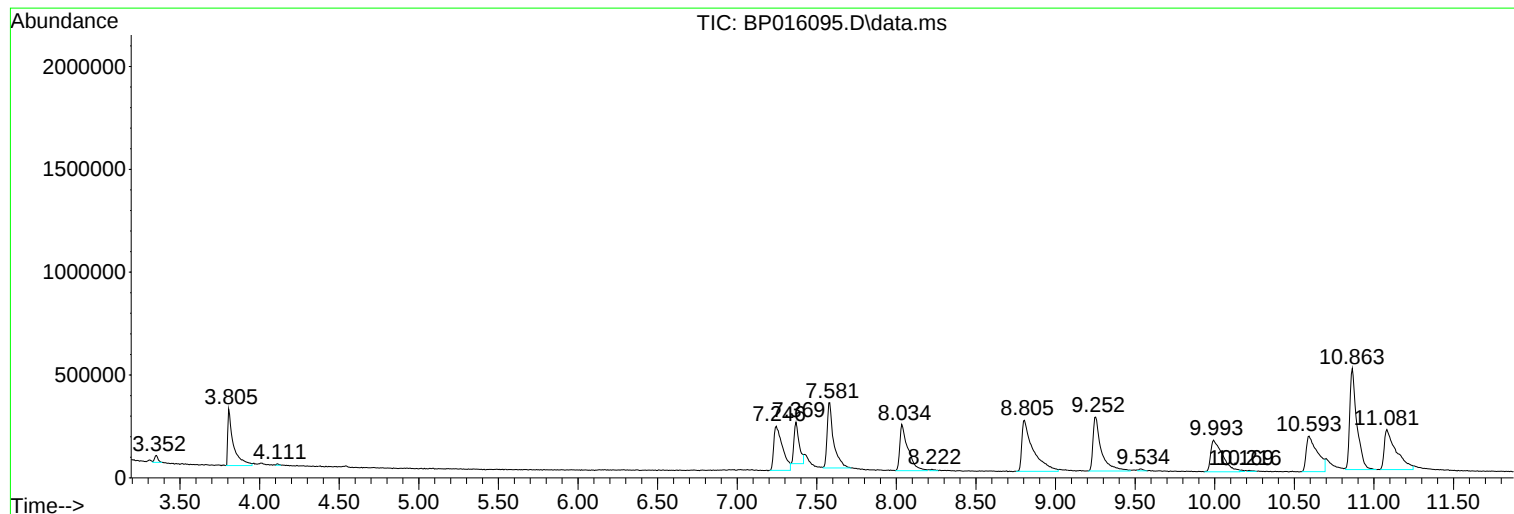
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ClientSampleId :  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP062623.MA.M  
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP070823\  
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Sample : 03332-19  
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Instrument :  
BNA\_P  
ClientSampleId :  
YBTZ2

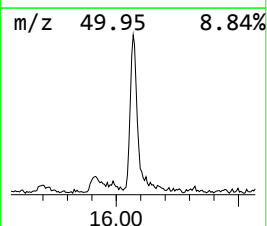
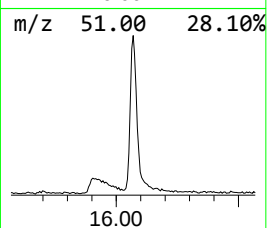
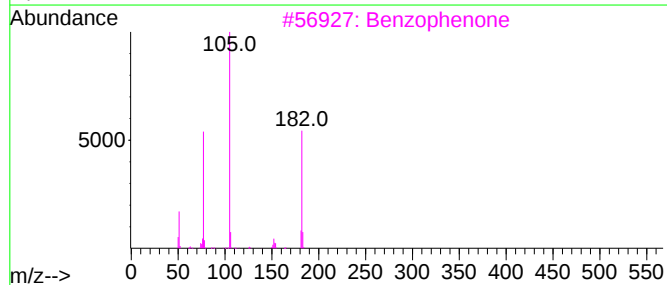
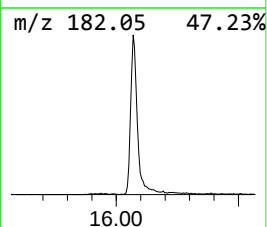
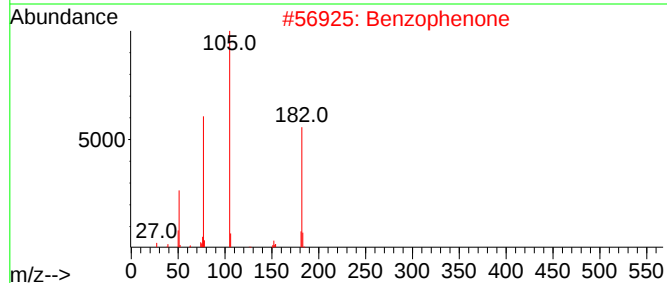
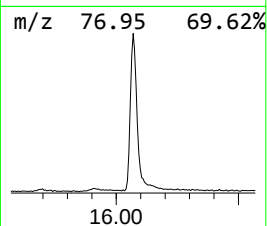
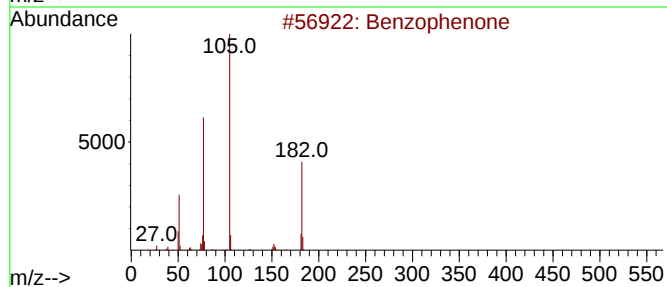
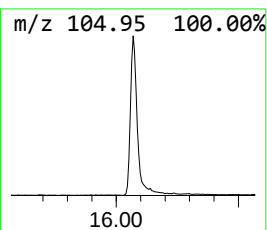
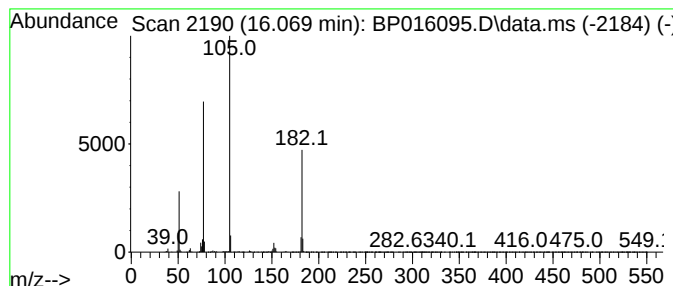
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP062623.MA.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 1 Benzophenone Concentration Rank 2

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 16.069 | 4.11 ng/ul | 660723 | Phenanthrene-d10 | 17.445 |

| Hit# | of | 5 | Tentative ID                   | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzophenone                   | 182 | C13H10O | 000119-61-9 | 96   |
| 2    |    |   | Benzophenone                   | 182 | C13H10O | 000119-61-9 | 96   |
| 3    |    |   | Benzophenone                   | 182 | C13H10O | 000119-61-9 | 95   |
| 4    |    |   | Benzophenone                   | 182 | C13H10O | 000119-61-9 | 91   |
| 5    |    |   | Methanone, phenyl-2-pyridinyl- | 183 | C12H9NO | 000091-02-1 | 72   |



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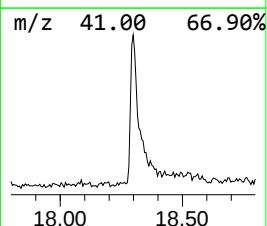
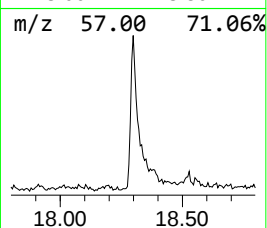
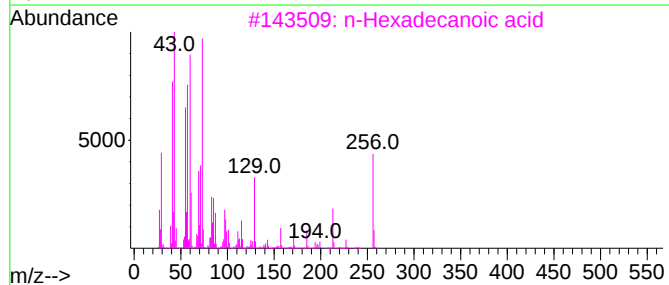
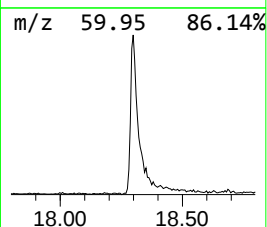
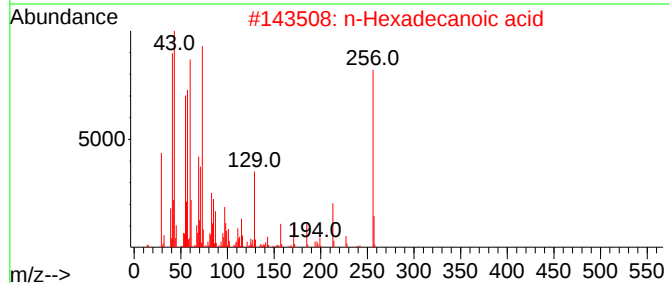
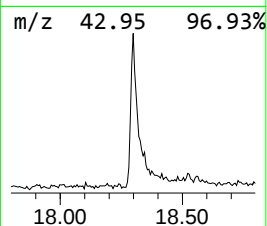
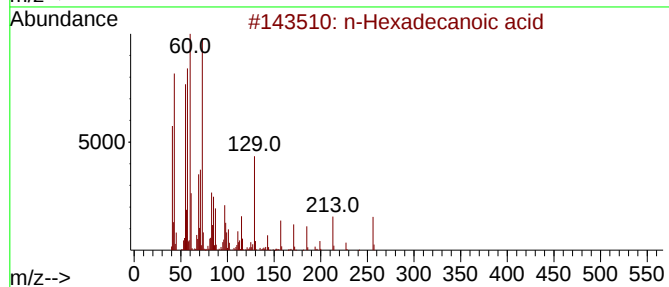
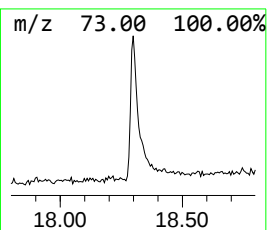
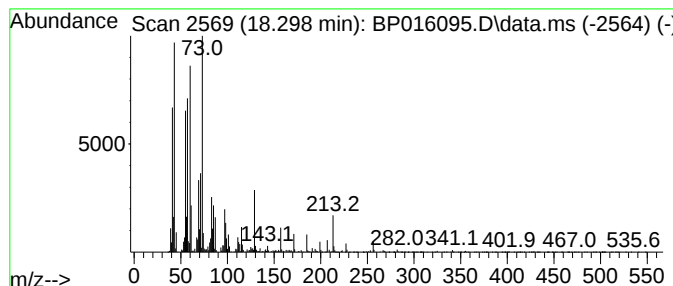
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP062623.MA.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 18.298 | 2.84 ng/ul | 455901 | Phenanthrene-d10 | 17.445 |

| 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 | 96   |
| 4    |    |   | Tetradecanoic acid  | 228 | C14H28O2 | 000544-63-8 | 90   |
| 5    |    |   | Octadecanoic acid   | 284 | C18H36O2 | 000057-11-4 | 90   |



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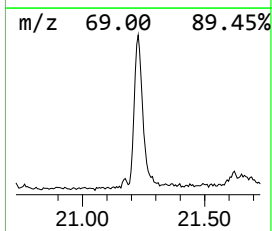
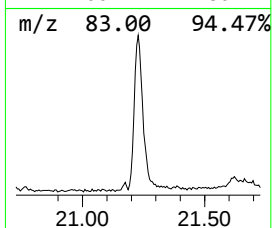
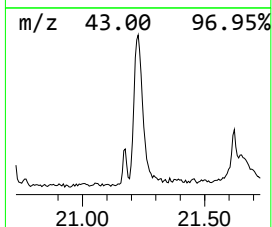
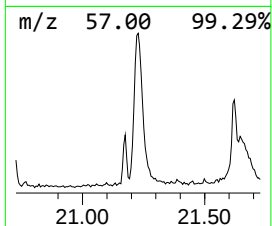
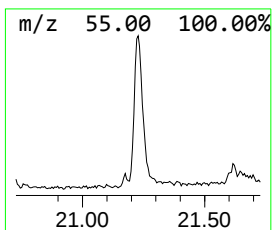
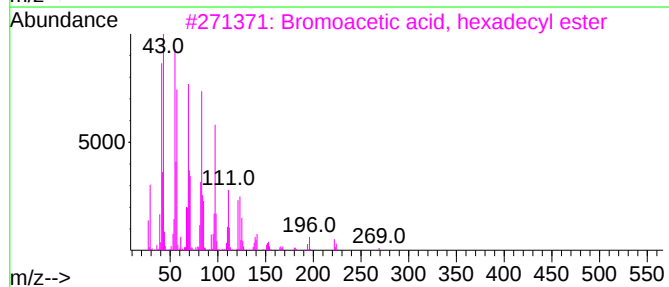
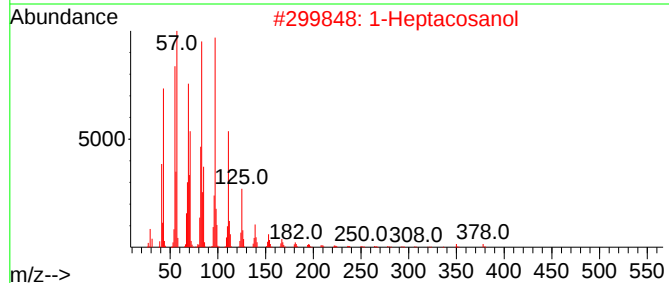
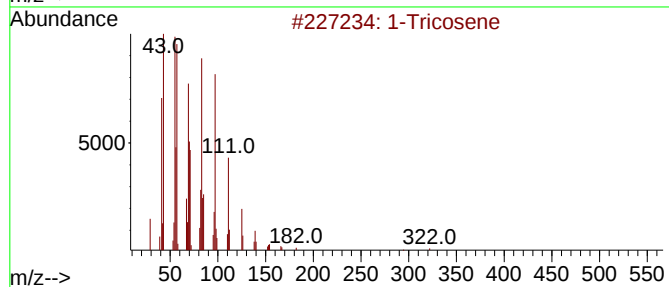
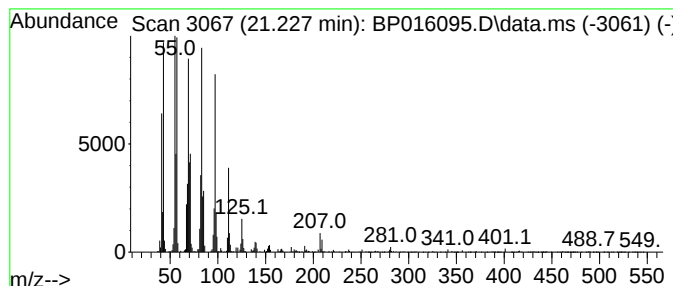
Instrument :  
BNA\_P  
ClientSampleId :  
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Quant Title : SVOA CALIBRATION

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

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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 1

| R.T.      | EstConc                           | Area   | Relative to ISTD | R.T.        |      |
|-----------|-----------------------------------|--------|------------------|-------------|------|
| 21.227    | 5.27 ng/ul                        | 999225 | Chrysene-d12     | 21.545      |      |
| Hit# of 5 | Tentative ID                      | MW     | MolForm          | CAS#        | Qual |
| 1         | 1-Tricosene                       | 322    | C23H46           | 018835-32-0 | 94   |
| 2         | 1-Heptacosanol                    | 396    | C27H56O          | 002004-39-9 | 94   |
| 3         | Bromoacetic acid, hexadecyl ester | 362    | C18H35BrO2       | 005454-48-8 | 94   |
| 4         | Behenic alcohol                   | 326    | C22H46O          | 000661-19-8 | 94   |
| 5         | n-Tetracosanol-1                  | 354    | C24H50O          | 000506-51-4 | 94   |



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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 |
| Benzophenone       | 16.069 | 4.1     | ng/ul | 660723   | 4                     | 17.445 | 3213730 | 20.0 |
| n-Hexadecanoic ... | 18.298 | 2.8     | ng/ul | 455901   | 4                     | 17.445 | 3213730 | 20.0 |
| (DEL) Alkane: S... | 21.227 | 5.3     | ng/ul | 999225   | 5                     | 21.545 | 3790110 | 20.0 |