

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP070823\  
 Data File : BP016093.D  
 Acq On : 08 Jul 2023 15:17  
 Operator : MA/JU  
 Sample : 03332-17  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 YBTZ0

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: BP016093.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         | 3.346       | 24            | 27          | 42           | rVB      | 42751          | 91588         | 2.07%           | 0.194%        |
| 2         | 3.805       | 102           | 105         | 125          | rBV      | 289929         | 680733        | 15.39%          | 1.441%        |
| 3         | 5.140       | 329           | 332         | 336          | rBV6     | 3075           | 5424          | 0.12%           | 0.011%        |
| 4         | 7.246       | 682           | 690         | 705          | rBV      | 228493         | 873333        | 19.75%          | 1.849%        |
| 5         | 7.363       | 705           | 710         | 739          | rVV      | 239918         | 807865        | 18.27%          | 1.710%        |
| 6         | 7.575       | 739           | 746         | 768          | rVV      | 339968         | 928968        | 21.01%          | 1.967%        |
| 7         | 8.028       | 816           | 823         | 850          | rBV      | 347210         | 1152702       | 26.07%          | 2.440%        |
| 8         | 8.799       | 947           | 954         | 987          | rBV      | 259646         | 1223433       | 27.67%          | 2.590%        |
| 9         | 9.246       | 1023          | 1030        | 1050         | rBV      | 276363         | 898688        | 20.32%          | 1.903%        |
| 10        | 9.534       | 1074          | 1079        | 1086         | rVB5     | 8737           | 19165         | 0.43%           | 0.041%        |
| 11        | 9.993       | 1148          | 1157        | 1183         | rBV3     | 153974         | 801456        | 18.12%          | 1.697%        |
| 12        | 10.234      | 1197          | 1198        | 1205         | rVB7     | 3803           | 4829          | 0.11%           | 0.010%        |
| 13        | 10.587      | 1250          | 1258        | 1275         | rBV2     | 187790         | 883614        | 19.98%          | 1.871%        |
| 14        | 10.857      | 1297          | 1304        | 1321         | rBV      | 603857         | 1715921       | 38.80%          | 3.633%        |
| 15        | 11.075      | 1335          | 1341        | 1376         | rBV2     | 191711         | 1044607       | 23.62%          | 2.211%        |
| 16        | 12.034      | 1501          | 1504        | 1508         | rVB6     | 4546           | 6174          | 0.14%           | 0.013%        |
| 17        | 12.528      | 1583          | 1588        | 1589         | rBV5     | 6985           | 7813          | 0.18%           | 0.017%        |
| 18        | 13.493      | 1747          | 1752        | 1756         | rVB8     | 7123           | 14124         | 0.32%           | 0.030%        |
| 19        | 13.569      | 1759          | 1765        | 1775         | rVV      | 22817          | 60726         | 1.37%           | 0.129%        |
| 20        | 14.022      | 1835          | 1842        | 1845         | rBV9     | 4585           | 10337         | 0.23%           | 0.022%        |
| 21        | 14.104      | 1848          | 1856        | 1877         | rBV      | 784660         | 2040175       | 46.14%          | 4.319%        |
| 22        | 14.375      | 1896          | 1902        | 1928         | rBV      | 1221636        | 2423500       | 54.80%          | 5.131%        |
| 23        | 14.551      | 1930          | 1932        | 1940         | rVB9     | 10180          | 19040         | 0.43%           | 0.040%        |
| 24        | 14.681      | 1946          | 1954        | 1978         | rBV      | 1383919        | 2527970       | 57.17%          | 5.352%        |
| 25        | 15.087      | 2011          | 2023        | 2029         | rBV6     | 66872          | 291706        | 6.60%           | 0.618%        |
| 26        | 15.457      | 2081          | 2086        | 2091         | rVB8     | 7375           | 14147         | 0.32%           | 0.030%        |
| 27        | 15.504      | 2091          | 2094        | 2101         | rVB8     | 7623           | 9511          | 0.22%           | 0.020%        |
| 28        | 15.692      | 2119          | 2126        | 2148         | rBV      | 1276871        | 3062788       | 69.26%          | 6.484%        |
| 29        | 15.910      | 2156          | 2163        | 2184         | rBV5     | 113166         | 603861        | 13.66%          | 1.278%        |
| 30        | 16.069      | 2185          | 2190        | 2204         | rVB      | 275846         | 517162        | 11.69%          | 1.095%        |
| 31        | 16.328      | 2230          | 2234        | 2238         | rVB3     | 9195           | 11428         | 0.26%           | 0.024%        |
| 32        | 16.616      | 2280          | 2283        | 2288         | rVB5     | 12395          | 17145         | 0.39%           | 0.036%        |
| 33        | 16.763      | 2304          | 2308        | 2309         | rBV4     | 3821           | 4886          | 0.11%           | 0.010%        |
| 34        | 16.928      | 2334          | 2336        | 2338         | rVB3     | 6567           | 4498          | 0.10%           | 0.010%        |
| 35        | 17.104      | 2363          | 2366        | 2371         | rBV7     | 8586           | 13226         | 0.30%           | 0.028%        |
| 36        | 17.145      | 2371          | 2373        | 2376         | rVB4     | 4765           | 4833          | 0.11%           | 0.010%        |

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 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
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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

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

|    |        |      |      |      |      |         |         |         |        |
|----|--------|------|------|------|------|---------|---------|---------|--------|
| 37 | 17.339 | 2403 | 2406 | 2409 | rBV5 | 4041    | 5696    | 0.13%   | 0.012% |
| 38 | 17.445 | 2416 | 2424 | 2435 | rBV  | 1702773 | 3036738 | 68.67%  | 6.429% |
| 39 | 17.551 | 2436 | 2442 | 2468 | rVB  | 1153978 | 3363026 | 76.05%  | 7.120% |
| 40 | 18.298 | 2564 | 2569 | 2582 | rBV  | 162596  | 387436  | 8.76%   | 0.820% |
| 41 | 19.145 | 2709 | 2713 | 2720 | rBV2 | 49930   | 74544   | 1.69%   | 0.158% |
| 42 | 19.357 | 2746 | 2749 | 2752 | rBV3 | 29825   | 39507   | 0.89%   | 0.084% |
| 43 | 19.527 | 2774 | 2778 | 2785 | rBV4 | 67992   | 127797  | 2.89%   | 0.271% |
| 44 | 19.780 | 2815 | 2821 | 2847 | rBV2 | 1898381 | 4422146 | 100.00% | 9.362% |
| 45 | 21.227 | 3061 | 3067 | 3077 | rBV3 | 356322  | 899386  | 20.34%  | 1.904% |
| 46 | 21.545 | 3116 | 3121 | 3131 | rBV2 | 1538530 | 3594753 | 81.29%  | 7.610% |
| 47 | 23.186 | 3397 | 3400 | 3406 | rVB2 | 234086  | 330356  | 7.47%   | 0.699% |
| 48 | 23.839 | 3507 | 3511 | 3515 | rBV  | 288339  | 490065  | 11.08%  | 1.037% |
| 49 | 23.904 | 3516 | 3522 | 3541 | rVV2 | 1613350 | 4059193 | 91.79%  | 8.593% |
| 50 | 24.074 | 3545 | 3551 | 3571 | rVB  | 1159570 | 3608684 | 81.60%  | 7.640% |

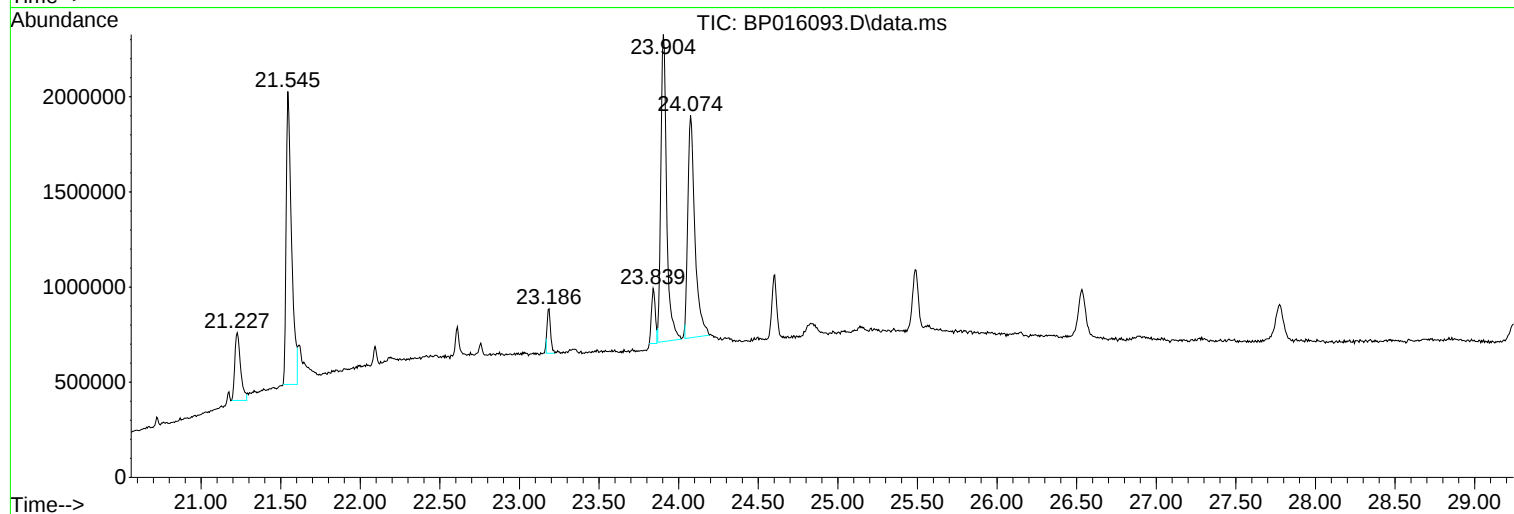
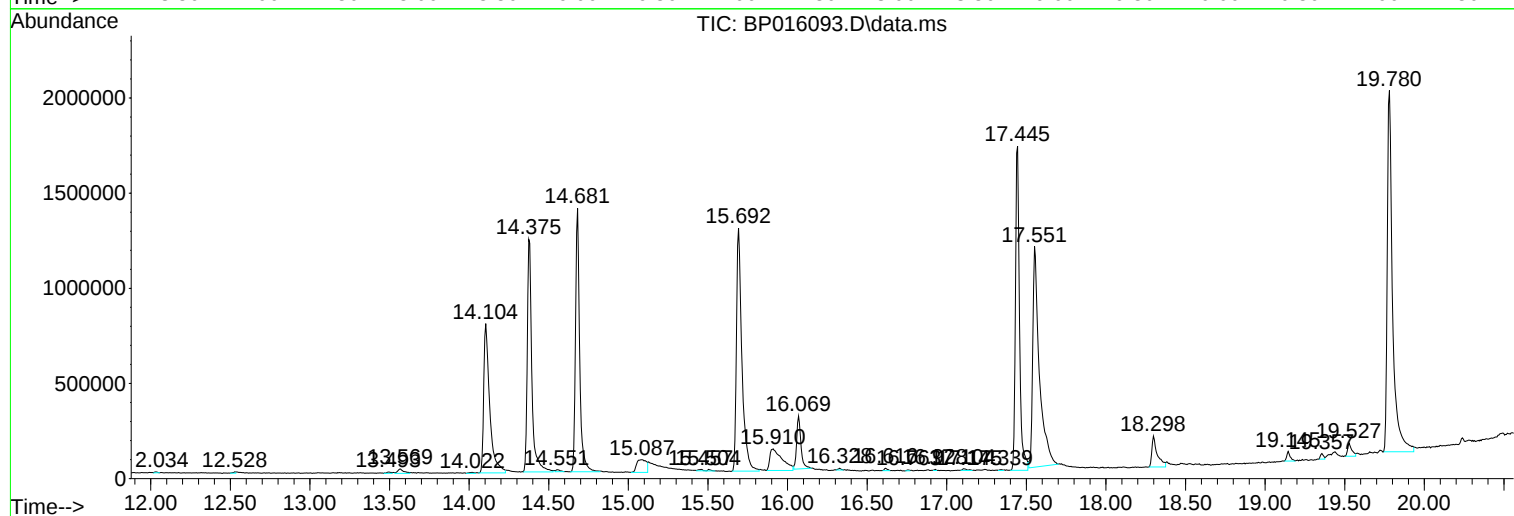
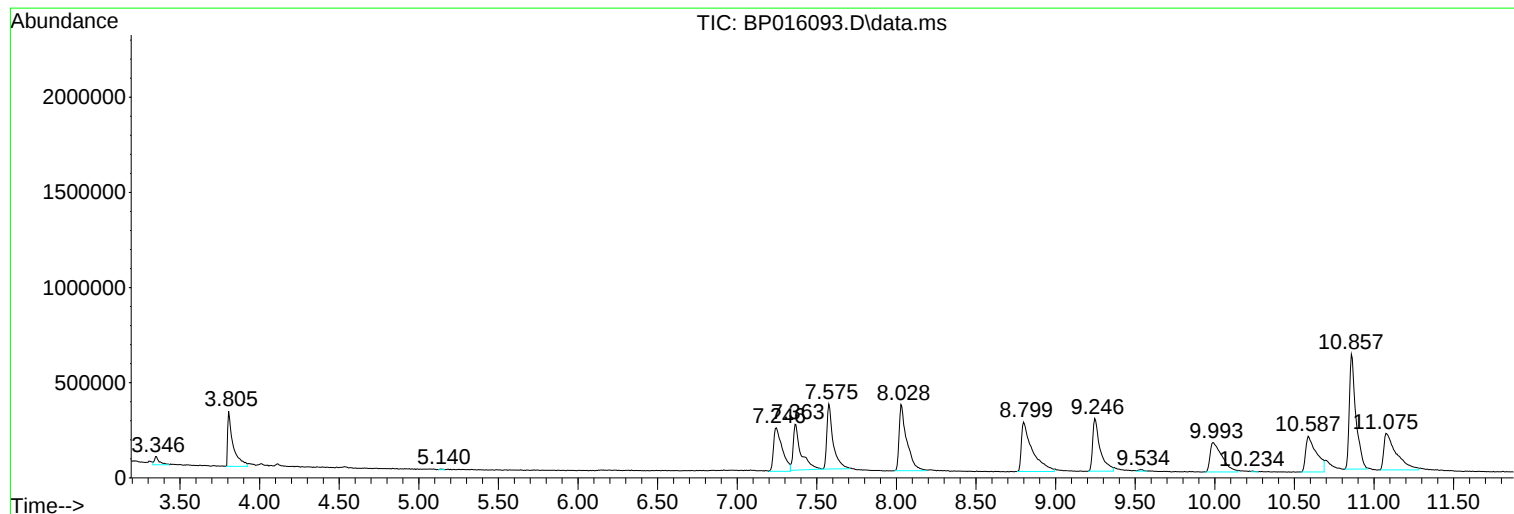
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ClientSampleId :  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP062623.MA.M  
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP070823\  
Data File : BP016093.D  
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Operator : MA/JU  
Sample : 03332-17  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
YBTZ0

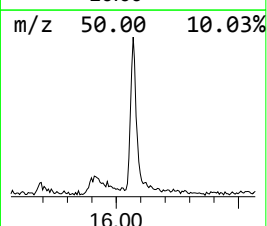
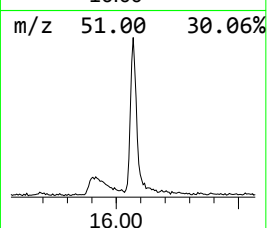
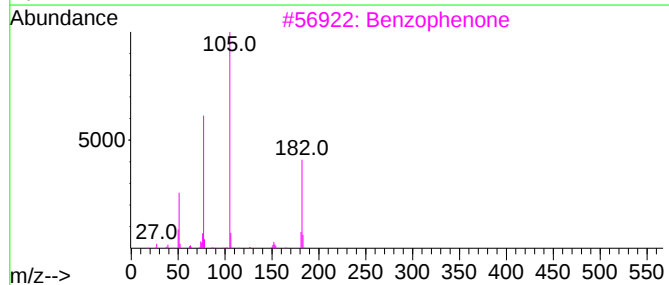
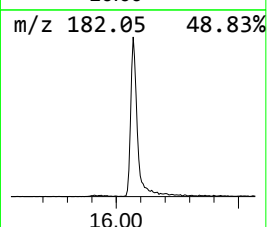
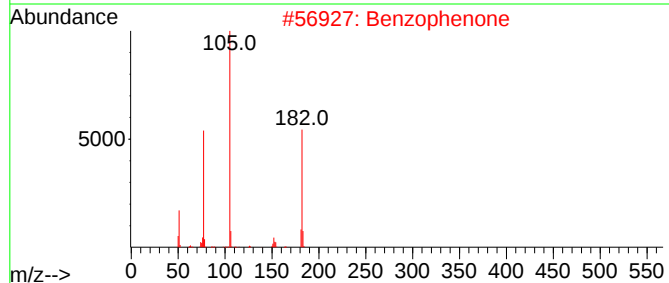
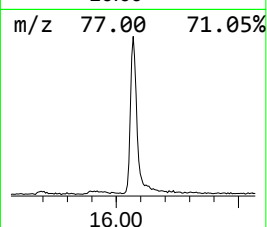
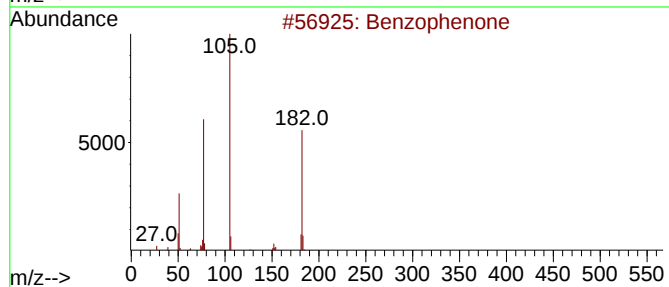
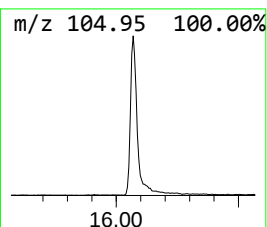
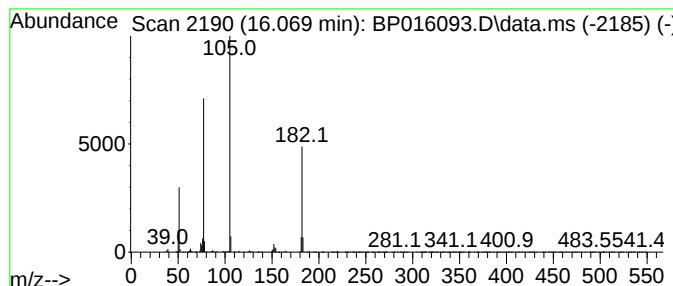
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP062623.MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 1 Benzophenone Concentration Rank 2

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 16.069 | 3.41 ng/ul | 517162 | 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 | 95   |
| 3    |    |   | Benzophenone | 182 | C13H10O  | 000119-61-9 | 95   |
| 4    |    |   | Benzophenone | 182 | C13H10O  | 000119-61-9 | 91   |
| 5    |    |   | Azobenzene   | 182 | C12H10N2 | 000103-33-3 | 64   |



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ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
YBTZ0

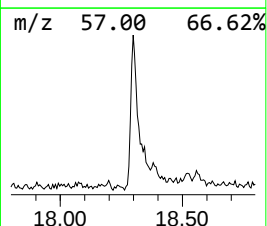
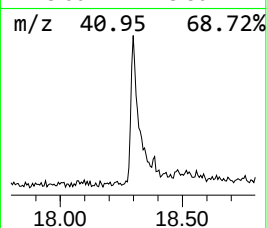
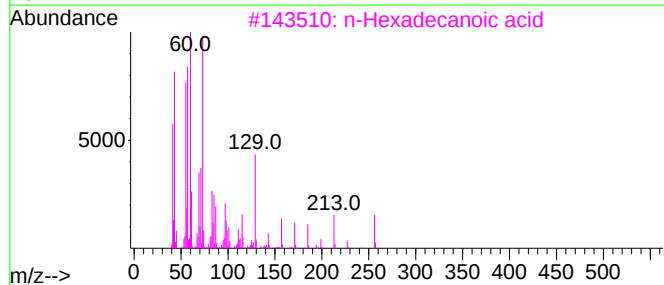
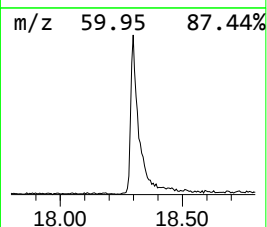
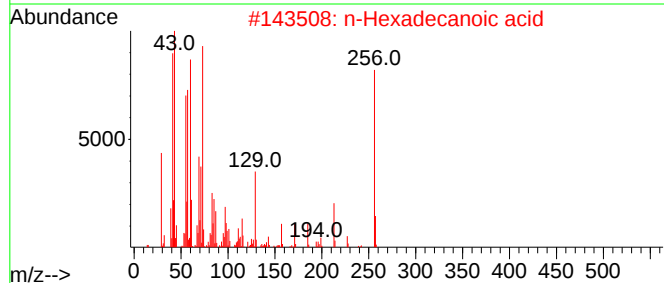
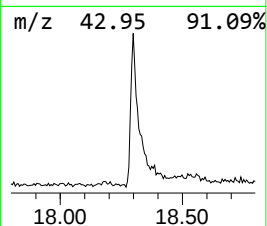
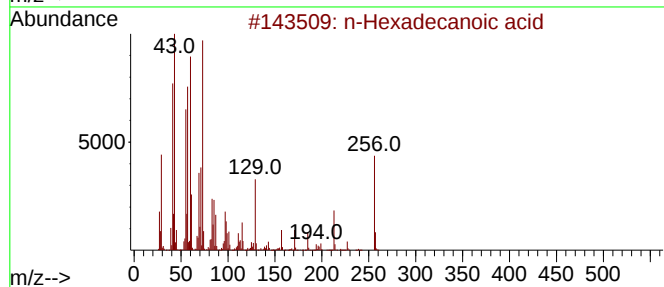
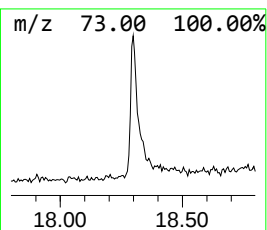
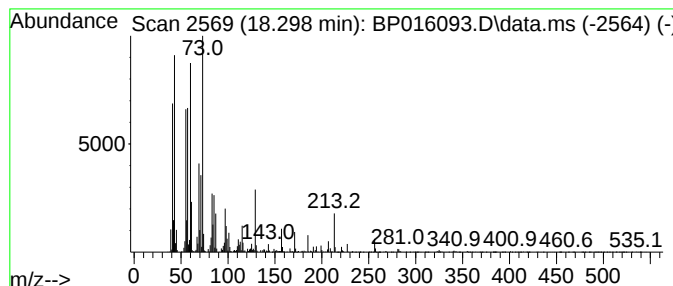
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP062623.MA.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 2 n-Hexadecanoic acid Concentration Rank 4

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 18.298 | 2.55 ng/ul | 387436 | 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 | 97   |
| 3    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 95   |
| 4    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 90   |
| 5    |    |   | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 81   |



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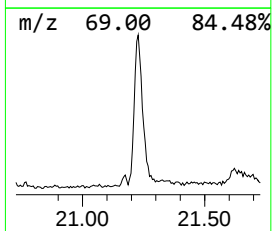
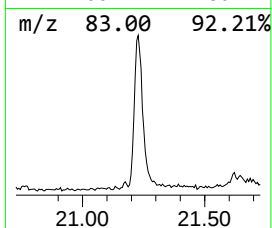
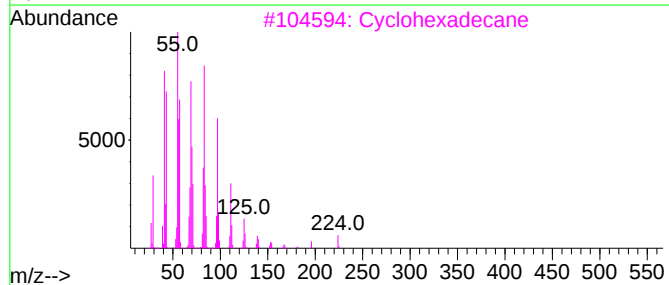
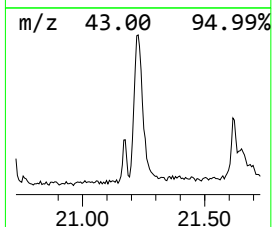
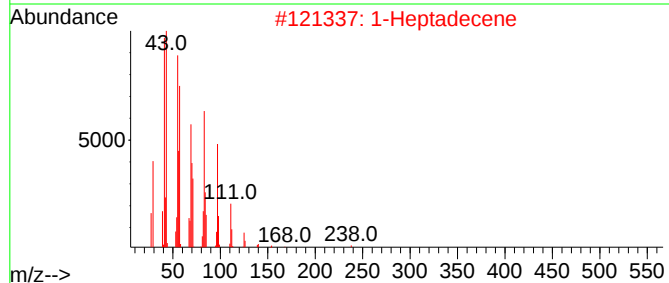
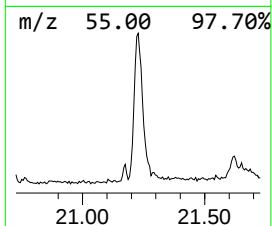
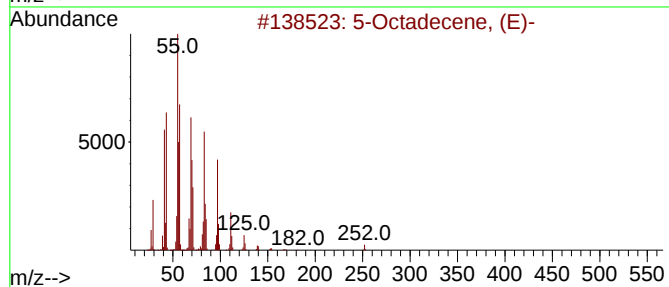
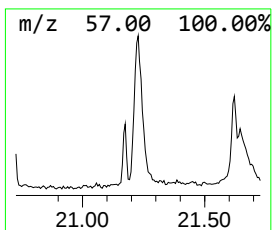
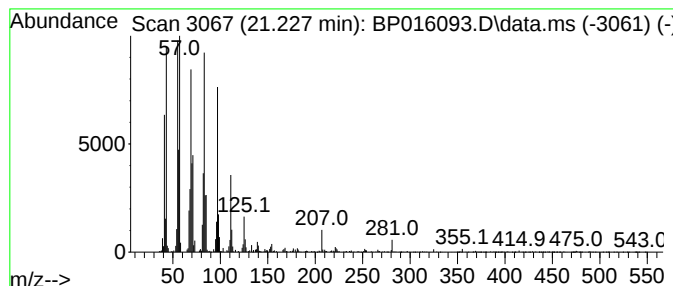
Instrument :  
BNA\_P  
ClientSampleId :  
YBTZ0

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

| R.T.      | EstConc            | Area   | Relative to ISTD | R.T.        |      |
|-----------|--------------------|--------|------------------|-------------|------|
| 21.227    | 5.00 ng/ul         | 899386 | Chrysene-d12     | 21.545      |      |
| Hit# of 5 | Tentative ID       | MW     | MolForm          | CAS#        | Qual |
| 1         | 5-Octadecene, (E)- | 252    | C18H36           | 007206-21-5 | 96   |
| 2         | 1-Heptadecene      | 238    | C17H34           | 006765-39-5 | 95   |
| 3         | Cyclohexadecane    | 224    | C16H32           | 000295-65-8 | 94   |
| 4         | Behenic alcohol    | 326    | C22H46O          | 000661-19-8 | 94   |
| 5         | 1-Tricosene        | 322    | C23H46           | 018835-32-0 | 94   |



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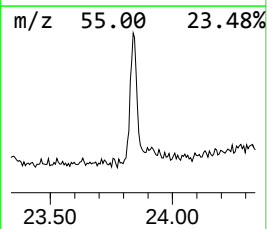
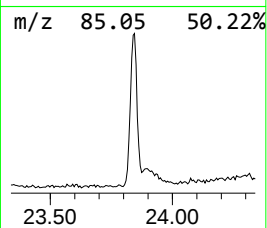
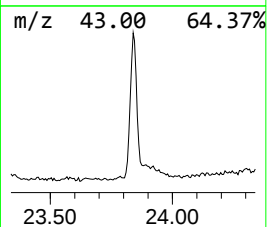
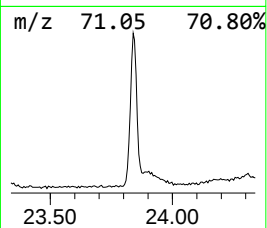
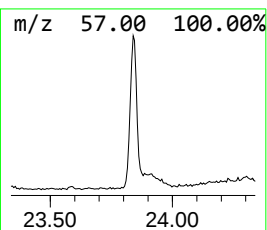
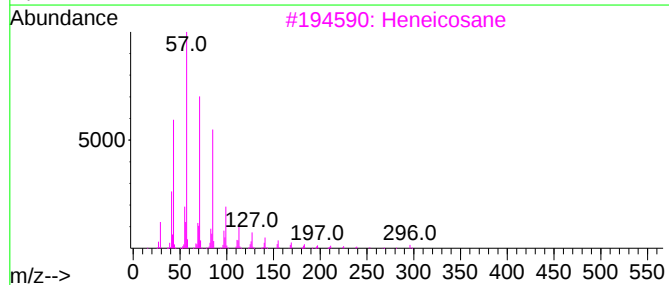
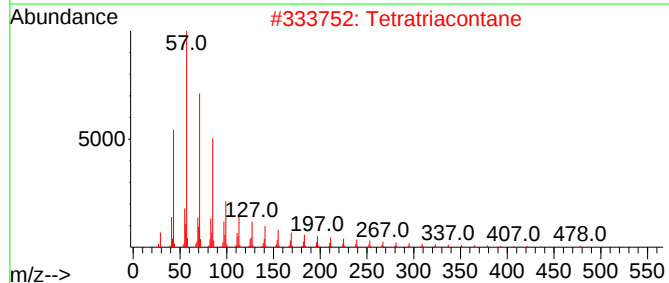
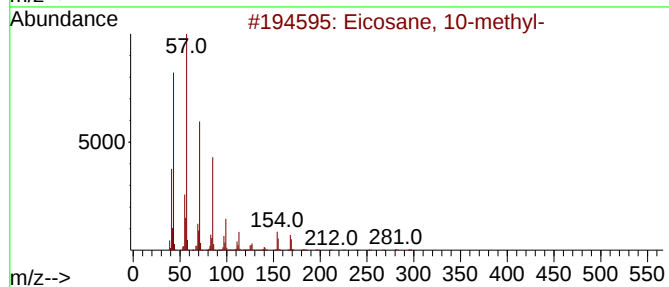
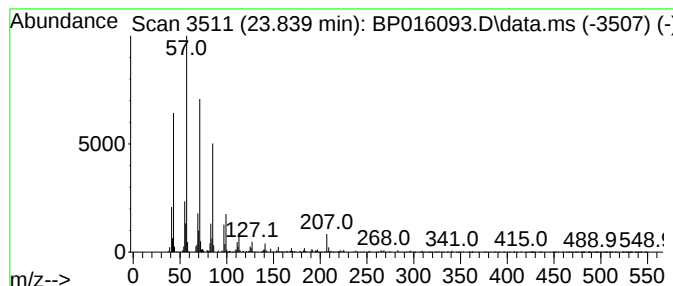
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP062623.MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 23.839 | 2.72 ng/ul | 490065 | Perylene-d12     | 24.074 |

| Hit# | of | 5 | Tentative ID          | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------|-----|---------|-------------|------|
| 1    |    |   | Eicosane, 10-methyl-  | 296 | C21H44  | 054833-23-7 | 91   |
| 2    |    |   | Tetratriacontane      | 479 | C34H70  | 014167-59-0 | 90   |
| 3    |    |   | Heneicosane           | 296 | C21H44  | 000629-94-7 | 90   |
| 4    |    |   | Pentadecane, 8-hexyl- | 296 | C21H44  | 013475-75-7 | 83   |
| 5    |    |   | Decane, 1-iodo-       | 268 | C10H21I | 002050-77-3 | 74   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP070823\  
Data File : BP016093.D  
Acq On : 08 Jul 2023 15:17  
Operator : MA/JU  
Sample : 03332-17  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
YBTZ0

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

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |         |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|---------|------|
|                    |        |         |       |          | #                     | RT     | Resp    | Conc |
| Benzophenone       | 16.069 | 3.4     | ng/ul | 517162   | 4                     | 17.445 | 3036740 | 20.0 |
| n-Hexadecanoic ... | 18.298 | 2.5     | ng/ul | 387436   | 4                     | 17.445 | 3036740 | 20.0 |
| (DEL) Alkane: S... | 21.227 | 5.0     | ng/ul | 899386   | 5                     | 21.545 | 3594750 | 20.0 |
| (DEL) Alkane: S... | 23.839 | 2.7     | ng/ul | 490065   | 6                     | 24.074 | 3608680 | 20.0 |