

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP053023\  
 Data File : BP015333.D  
 Acq On : 30 May 2023 14:15  
 Operator : CG/JU  
 Sample : 02961-01  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 H0FP2

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-BP051123.MA.M  
 Title : SVOA CALIBRATION

Signal : TIC: BP015333.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         | 3.417       | 36            | 39          | 47           | rVB      | 30162          | 47527         | 1.24%           | 0.123%        |
| 2         | 3.869       | 114           | 116         | 133          | rVB      | 95169          | 157612        | 4.10%           | 0.407%        |
| 3         | 4.199       | 170           | 172         | 178          | rVB2     | 10241          | 11311         | 0.29%           | 0.029%        |
| 4         | 7.269       | 688           | 694         | 706          | rBV2     | 75434          | 134639        | 3.50%           | 0.347%        |
| 5         | 7.434       | 714           | 722         | 734          | rBV      | 364518         | 577980        | 15.04%          | 1.491%        |
| 6         | 7.640       | 750           | 757         | 767          | rBV      | 322712         | 530128        | 13.79%          | 1.367%        |
| 7         | 7.722       | 767           | 771         | 775          | rVB7     | 3710           | 5621          | 0.15%           | 0.014%        |
| 8         | 8.116       | 830           | 838         | 846          | rBV      | 576275         | 941590        | 24.50%          | 2.429%        |
| 9         | 8.828       | 949           | 959         | 969          | rBV      | 238972         | 412979        | 10.74%          | 1.065%        |
| 10        | 9.293       | 1030          | 1038        | 1048         | rBV      | 446616         | 754520        | 19.63%          | 1.946%        |
| 11        | 9.440       | 1062          | 1063        | 1069         | rVB6     | 3616           | 4181          | 0.11%           | 0.011%        |
| 12        | 9.675       | 1100          | 1103        | 1111         | rVB10    | 5018           | 7262          | 0.19%           | 0.019%        |
| 13        | 10.016      | 1155          | 1161        | 1175         | rBV      | 360834         | 629555        | 16.38%          | 1.624%        |
| 14        | 10.122      | 1175          | 1179        | 1184         | rVB8     | 2152           | 4459          | 0.12%           | 0.012%        |
| 15        | 10.181      | 1184          | 1189        | 1191         | rBV6     | 2315           | 4224          | 0.11%           | 0.011%        |
| 16        | 10.563      | 1247          | 1254        | 1267         | rBV      | 470244         | 849616        | 22.10%          | 2.191%        |
| 17        | 10.946      | 1311          | 1319        | 1334         | rVB      | 846257         | 1412189       | 36.74%          | 3.642%        |
| 18        | 11.081      | 1334          | 1342        | 1359         | rBV      | 524302         | 939990        | 24.45%          | 2.424%        |
| 19        | 11.769      | 1450          | 1459        | 1468         | rBV      | 9098           | 27086         | 0.70%           | 0.070%        |
| 20        | 12.169      | 1520          | 1527        | 1534         | rBV3     | 11467          | 21284         | 0.55%           | 0.055%        |
| 21        | 12.257      | 1537          | 1542        | 1545         | rBV7     | 3312           | 6029          | 0.16%           | 0.016%        |
| 22        | 12.428      | 1567          | 1571        | 1574         | rBV5     | 2835           | 4749          | 0.12%           | 0.012%        |
| 23        | 12.522      | 1582          | 1587        | 1594         | rVB3     | 9429           | 18373         | 0.48%           | 0.047%        |
| 24        | 12.740      | 1621          | 1624        | 1631         | rVB9     | 2861           | 5521          | 0.14%           | 0.014%        |
| 25        | 13.034      | 1670          | 1674        | 1680         | rBV9     | 3859           | 8633          | 0.22%           | 0.022%        |
| 26        | 13.363      | 1726          | 1730        | 1735         | rBV8     | 2543           | 4860          | 0.13%           | 0.013%        |
| 27        | 13.634      | 1770          | 1776        | 1782         | rBV6     | 7999           | 15436         | 0.40%           | 0.040%        |
| 28        | 14.157      | 1857          | 1865        | 1876         | rBV      | 1355082        | 1887596       | 49.11%          | 4.869%        |
| 29        | 14.269      | 1881          | 1884        | 1890         | rVB8     | 6078           | 10013         | 0.26%           | 0.026%        |
| 30        | 14.334      | 1890          | 1895        | 1899         | rBV      | 11883          | 16411         | 0.43%           | 0.042%        |
| 31        | 14.451      | 1908          | 1915        | 1924         | rBV2     | 1325499        | 2013641       | 52.39%          | 5.194%        |
| 32        | 14.757      | 1961          | 1967        | 1976         | rBV      | 1428403        | 2076506       | 54.02%          | 5.356%        |
| 33        | 14.975      | 1997          | 2004        | 2015         | rBV3     | 50421          | 126444        | 3.29%           | 0.326%        |
| 34        | 15.157      | 2032          | 2035        | 2039         | rBV6     | 5948           | 6874          | 0.18%           | 0.018%        |
| 35        | 15.751      | 2129          | 2136        | 2142         | rBV      | 1748735        | 2617550       | 68.10%          | 6.751%        |
| 36        | 15.792      | 2142          | 2143        | 2152         | rVV2     | 36881          | 47333         | 1.23%           | 0.122%        |

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 Sample : 02961-01  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 H0FP2

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-BP051123.MA.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |         |        |
|----|--------|------|------|------|------|---------|---------|---------|--------|
| 37 | 15.875 | 2152 | 2157 | 2172 | rVV  | 666522  | 956462  | 24.88%  | 2.467% |
| 38 | 15.986 | 2172 | 2176 | 2182 | rVB4 | 11019   | 19525   | 0.51%   | 0.050% |
| 39 | 16.075 | 2187 | 2191 | 2192 | rBV4 | 3381    | 4184    | 0.11%   | 0.011% |
| 40 | 16.110 | 2192 | 2197 | 2208 | rVV  | 882753  | 1164585 | 30.30%  | 3.004% |
| 41 | 16.457 | 2251 | 2256 | 2260 | rBV8 | 5137    | 10988   | 0.29%   | 0.028% |
| 42 | 16.675 | 2289 | 2293 | 2302 | rBV  | 112694  | 156734  | 4.08%   | 0.404% |
| 43 | 16.892 | 2326 | 2330 | 2334 | rBV7 | 5365    | 9897    | 0.26%   | 0.026% |
| 44 | 17.186 | 2376 | 2380 | 2384 | rVB7 | 6721    | 10013   | 0.26%   | 0.026% |
| 45 | 17.516 | 2428 | 2436 | 2444 | rBV  | 1919298 | 2699108 | 70.22%  | 6.962% |
| 46 | 17.616 | 2446 | 2453 | 2467 | rVV  | 2073107 | 3021760 | 78.61%  | 7.794% |
| 47 | 17.780 | 2478 | 2481 | 2482 | rBV3 | 5998    | 6448    | 0.17%   | 0.017% |
| 48 | 18.369 | 2576 | 2581 | 2592 | rBV  | 247902  | 410747  | 10.69%  | 1.059% |
| 49 | 19.410 | 2755 | 2758 | 2762 | rVB  | 31627   | 36616   | 0.95%   | 0.094% |
| 50 | 19.592 | 2786 | 2789 | 2794 | rBV2 | 70879   | 93325   | 2.43%   | 0.241% |
| 51 | 19.833 | 2825 | 2830 | 2838 | rBV  | 2924279 | 3843865 | 100.00% | 9.914% |
| 52 | 21.269 | 3070 | 3074 | 3082 | rBV  | 335511  | 554060  | 14.41%  | 1.429% |
| 53 | 21.592 | 3124 | 3129 | 3136 | rBV  | 2222560 | 2855306 | 74.28%  | 7.365% |
| 54 | 23.986 | 3530 | 3536 | 3548 | rVB2 | 1718391 | 3632708 | 94.51%  | 9.370% |
| 55 | 24.162 | 3559 | 3566 | 3574 | rVB  | 1356994 | 2944431 | 76.60%  | 7.595% |

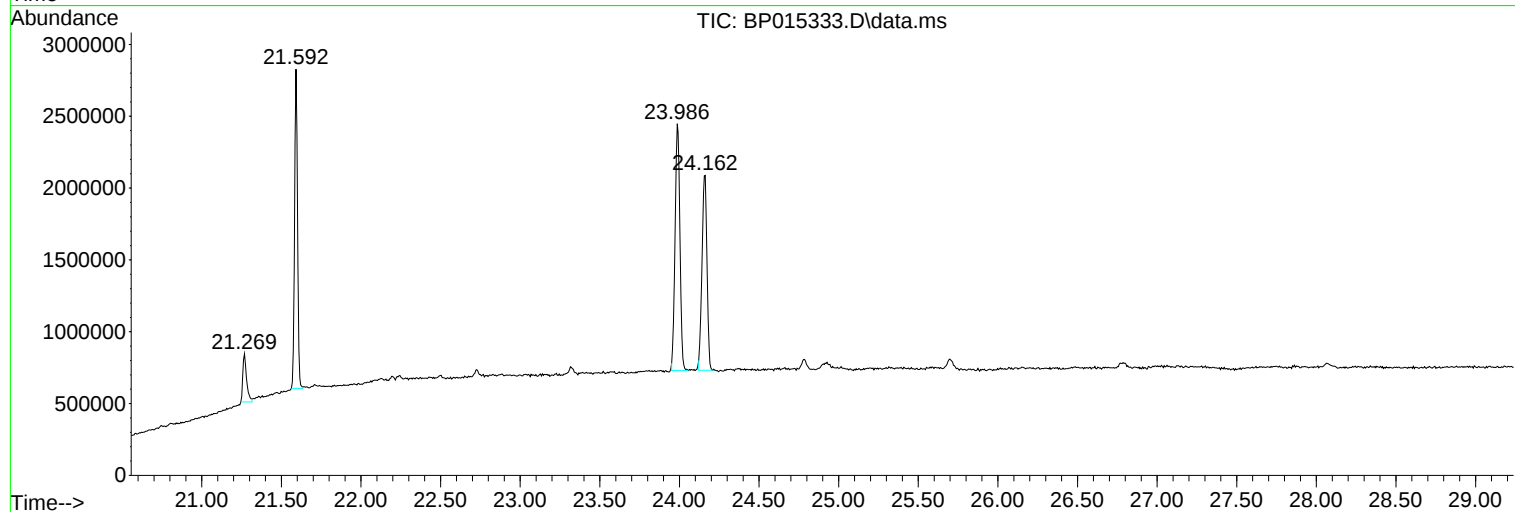
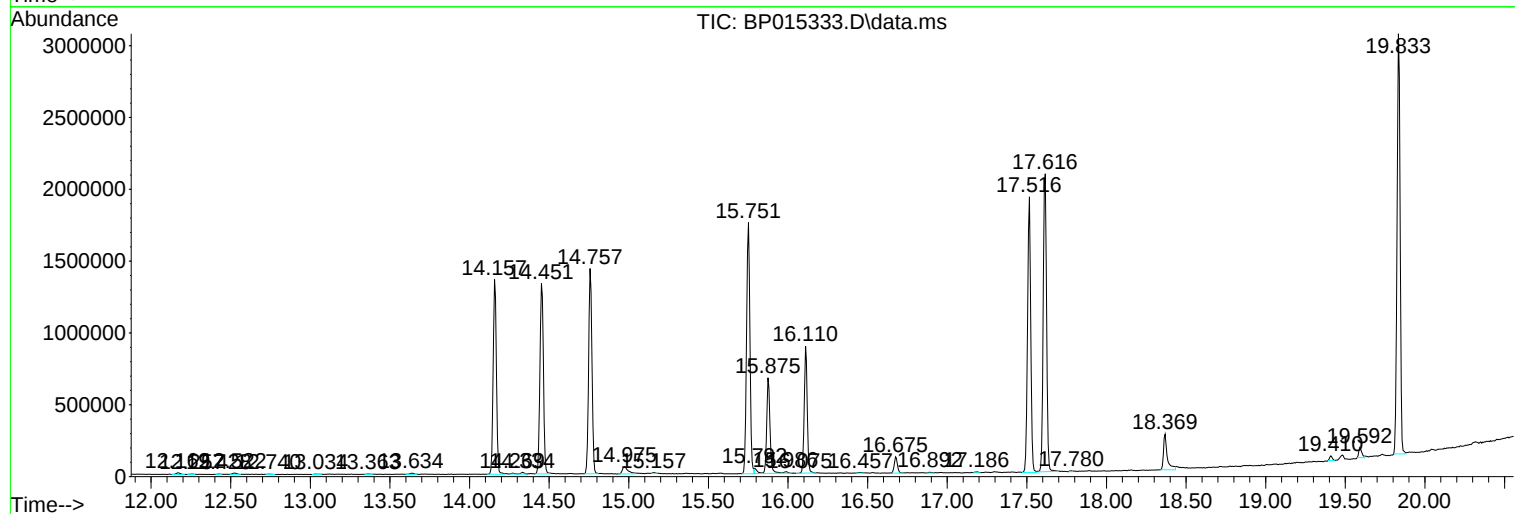
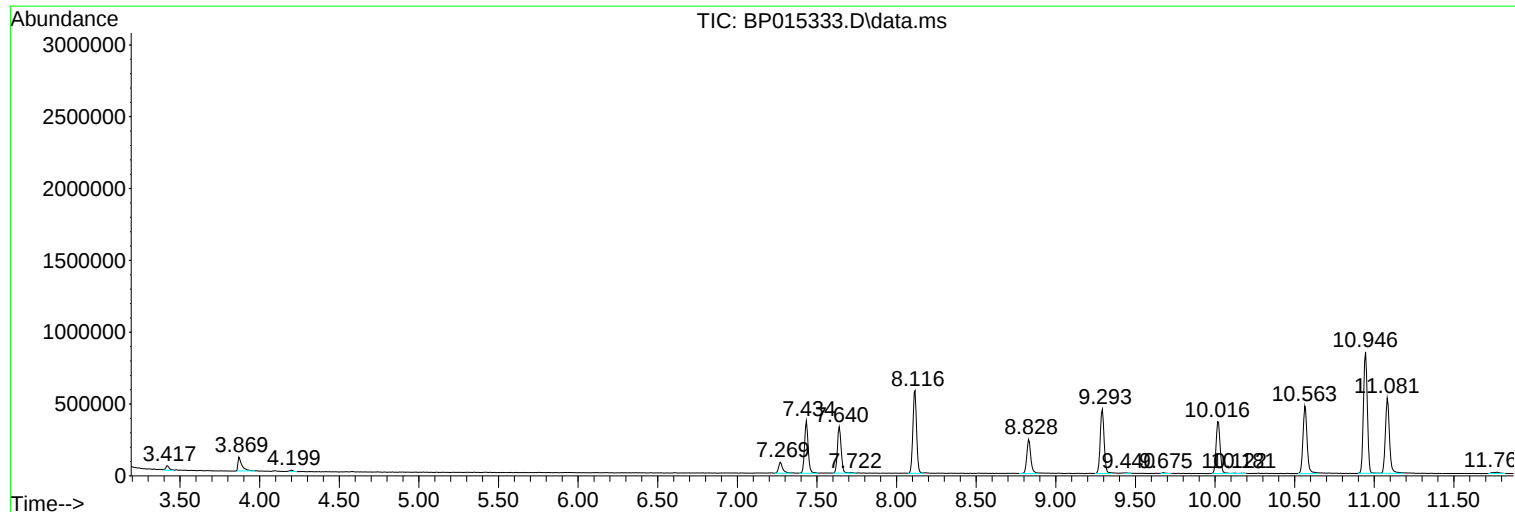
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Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
H0FP2

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP051123.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\BP053023\  
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Acq On : 30 May 2023 14:15  
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Sample : 02961-01  
Misc :  
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Instrument :  
BNA\_P  
ClientSampleId :  
H0FP2

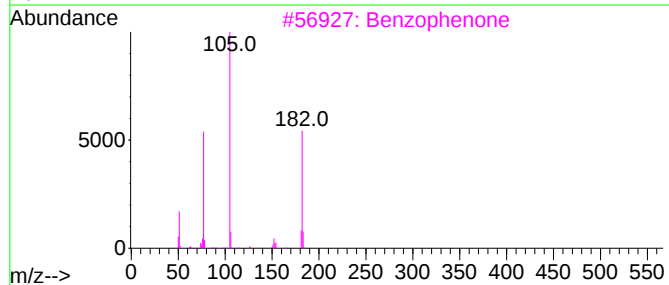
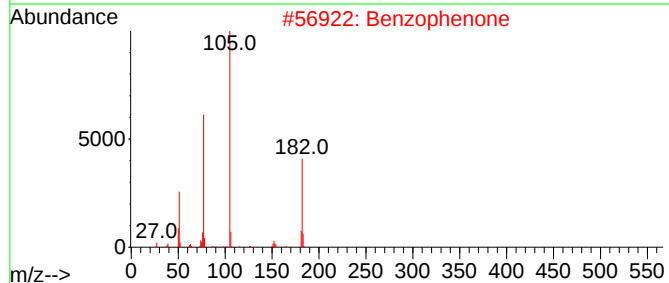
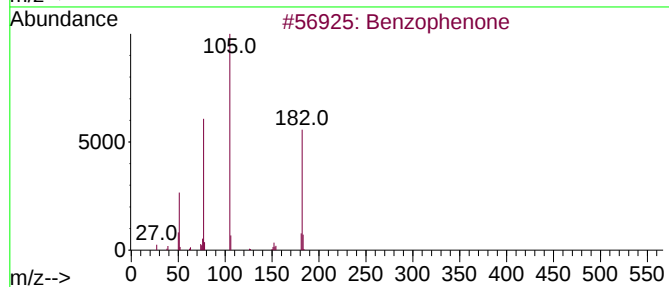
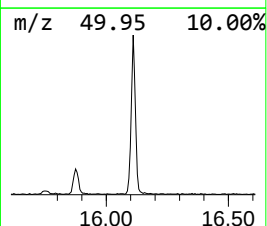
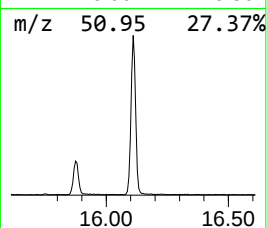
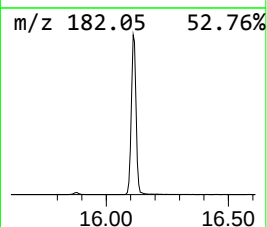
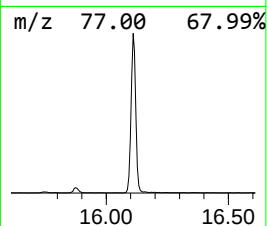
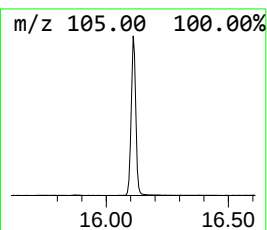
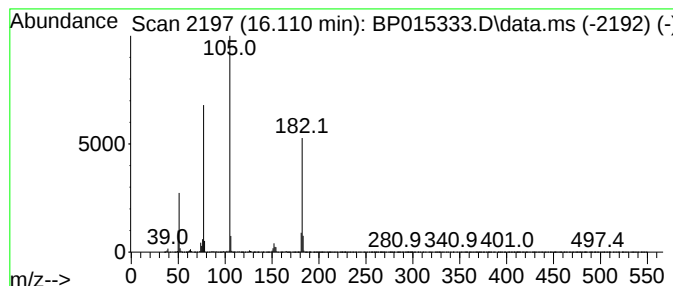
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP051123.MA.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 1 Benzophenone Concentration Rank 1

| R.T.   | EstConc     | Area    | Relative to ISTD | R.T.   |
|--------|-------------|---------|------------------|--------|
| 16.110 | 11.22 ng/ul | 1164590 | Acenaphthene-d10 | 14.757 |

| 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 | 95   |
| 5    |    |   | Benzophenone | 182 | C13H10O | 000119-61-9 | 87   |



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Sample : 02961-01  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
H0FP2

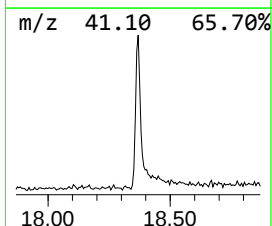
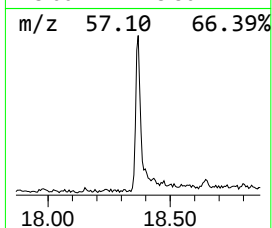
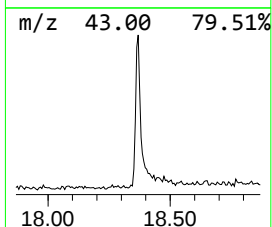
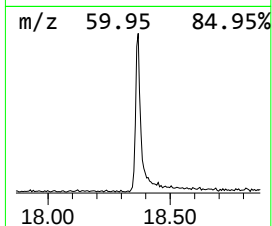
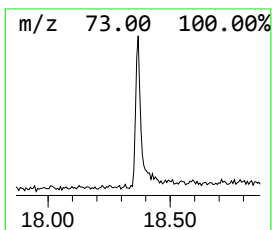
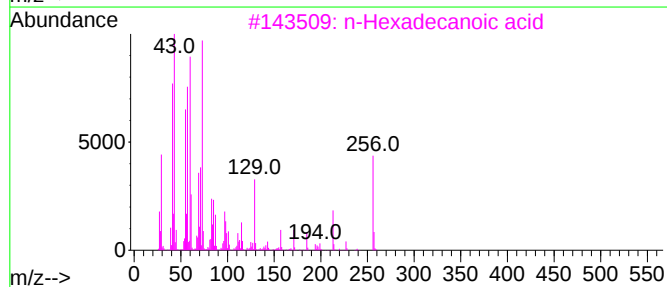
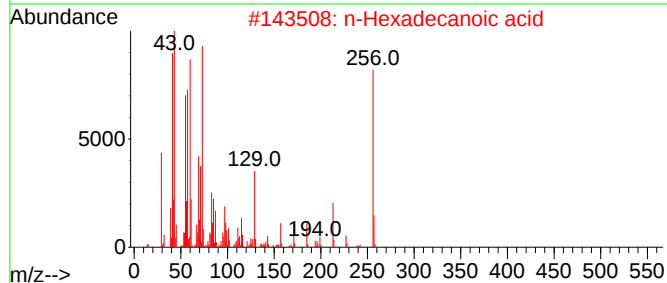
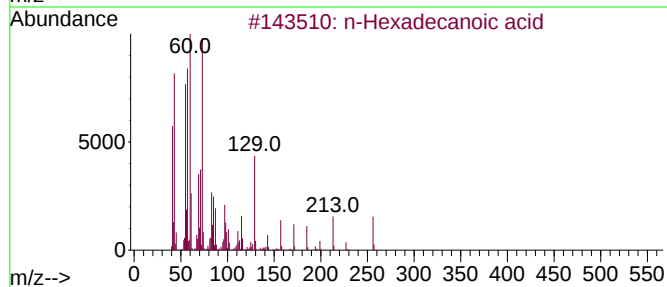
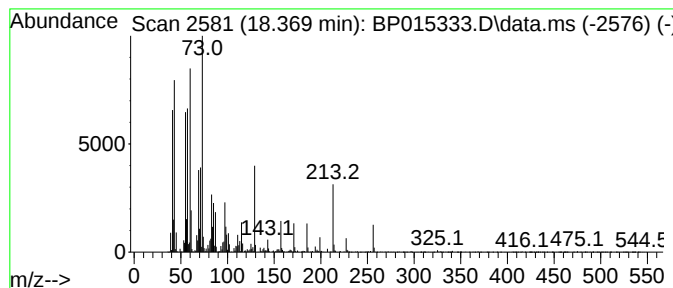
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP051123.MA.M  
Quant Title : SVOA CALIBRATION

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.   |
|--------|------------|--------|------------------|--------|
| 18.369 | 3.04 ng/ul | 410747 | Phenanthrene-d10 | 17.516 |

| Hit# | of                  | 5   | Tentative ID | MW          | MolForm | CAS# | Qual |
|------|---------------------|-----|--------------|-------------|---------|------|------|
| 1    | n-Hexadecanoic acid | 256 | C16H32O2     | 000057-10-3 | 99      |      |      |
| 2    | n-Hexadecanoic acid | 256 | C16H32O2     | 000057-10-3 | 99      |      |      |
| 3    | n-Hexadecanoic acid | 256 | C16H32O2     | 000057-10-3 | 98      |      |      |
| 4    | n-Hexadecanoic acid | 256 | C16H32O2     | 000057-10-3 | 96      |      |      |
| 5    | Pentadecanoic acid  | 242 | C15H30O2     | 001002-84-2 | 91      |      |      |



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Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
H0FP2

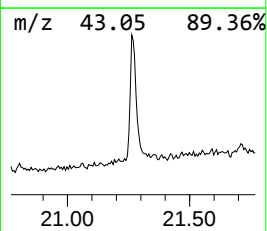
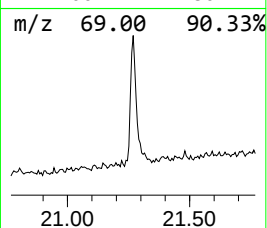
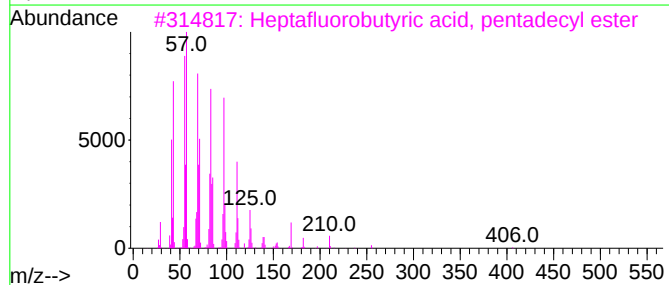
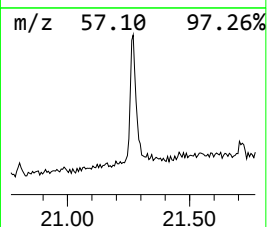
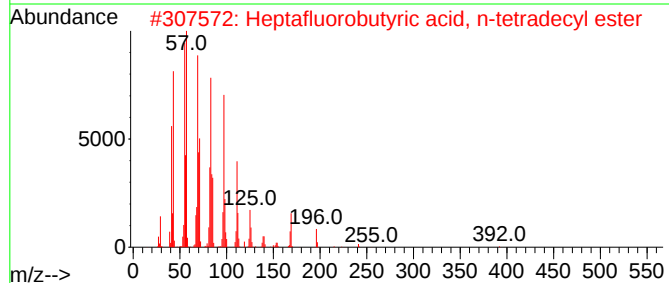
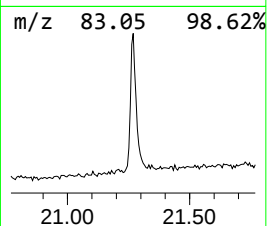
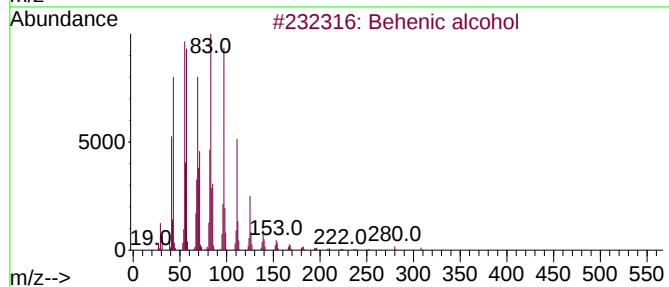
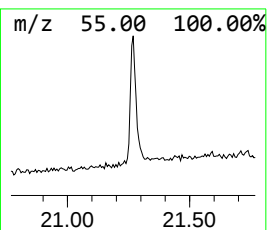
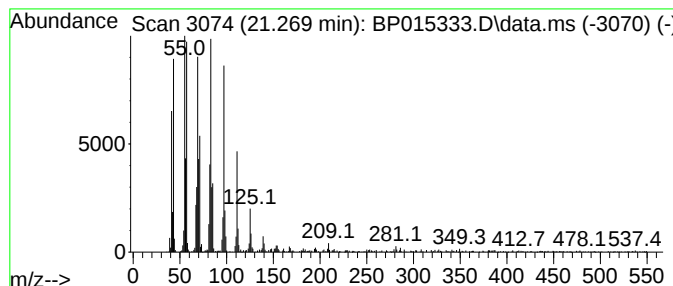
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP051123.MA.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 3 Behenic alcohol Concentration Rank 2

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 21.269 | 3.88 ng/ul | 554060 | Chrysene-d12     | 21.592 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm    | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|------------|-------------|------|
| 1    |    |   | Behenic alcohol                     | 326 | C22H46O    | 000661-19-8 | 95   |
| 2    |    |   | Heptafluorobutyric acid, n-tetra... | 410 | C18H29F7O2 | 007365-36-8 | 94   |
| 3    |    |   | Heptafluorobutyric acid, pentade... | 424 | C19H31F7O2 | 959261-23-5 | 94   |
| 4    |    |   | n-Nonadecanol-1                     | 284 | C19H40O    | 001454-84-8 | 94   |
| 5    |    |   | 1-Nonadecene                        | 266 | C19H38     | 018435-45-5 | 94   |



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BNA\_P  
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H0FP2

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP051123.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       | 16.110 | 11.2    | ng/ul | 1164590  | 3                     | 14.757 | 2076510 | 20.0 |
| n-Hexadecanoic ... | 18.369 | 3.0     | ng/ul | 410747   | 4                     | 17.516 | 2699110 | 20.0 |
| Behenic alcohol    | 21.269 | 3.9     | ng/ul | 554060   | 5                     | 21.592 | 2855310 | 20.0 |