

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP030823\  
 Data File : BP013987.D  
 Acq On : 08 Mar 2023 20:36  
 Operator : CG/JU  
 Sample : 01729-02  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 C0BY6

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-BP030723.M  
 Title : SVOA CALIBRATION

Signal : TIC: BP013987.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         | 3.440       | 39            | 43          | 48           | rVB      | 23703          | 32153         | 0.65%           | 0.083%        |
| 2         | 3.875       | 114           | 117         | 131          | rBV      | 146947         | 242663        | 4.90%           | 0.625%        |
| 3         | 4.099       | 151           | 155         | 161          | rVB      | 14547          | 21963         | 0.44%           | 0.057%        |
| 4         | 4.205       | 169           | 173         | 178          | rVB      | 9703           | 11950         | 0.24%           | 0.031%        |
| 5         | 4.311       | 186           | 191         | 197          | rBV3     | 8604           | 12043         | 0.24%           | 0.031%        |
| 6         | 5.140       | 328           | 332         | 338          | rBV      | 8132           | 14100         | 0.28%           | 0.036%        |
| 7         | 6.458       | 549           | 556         | 559          | rBV2     | 8091           | 12958         | 0.26%           | 0.033%        |
| 8         | 7.234       | 682           | 688         | 705          | rVB      | 90859          | 167941        | 3.39%           | 0.433%        |
| 9         | 7.405       | 710           | 717         | 731          | rBV      | 398381         | 647740        | 13.07%          | 1.669%        |
| 10        | 7.610       | 745           | 752         | 762          | rBV      | 387149         | 628934        | 12.69%          | 1.620%        |
| 11        | 8.081       | 825           | 832         | 841          | rBV      | 442909         | 695587        | 14.03%          | 1.792%        |
| 12        | 8.787       | 946           | 952         | 967          | rBV      | 266186         | 468550        | 9.45%           | 1.207%        |
| 13        | 9.257       | 1024          | 1032        | 1046         | rBV      | 472748         | 824589        | 16.63%          | 2.124%        |
| 14        | 9.640       | 1091          | 1097        | 1106         | rVB5     | 6028           | 10879         | 0.22%           | 0.028%        |
| 15        | 9.981       | 1147          | 1155        | 1164         | rBV      | 414987         | 692517        | 13.97%          | 1.784%        |
| 16        | 10.522      | 1240          | 1247        | 1256         | rBV      | 553189         | 955102        | 19.27%          | 2.460%        |
| 17        | 10.857      | 1299          | 1304        | 1305         | rBV3     | 5491           | 6045          | 0.12%           | 0.016%        |
| 18        | 10.904      | 1305          | 1312        | 1325         | rVB      | 572500         | 951826        | 19.20%          | 2.452%        |
| 19        | 11.040      | 1325          | 1335        | 1355         | rBV      | 498853         | 922565        | 18.61%          | 2.377%        |
| 20        | 12.298      | 1544          | 1549        | 1554         | rBV3     | 6420           | 10708         | 0.22%           | 0.028%        |
| 21        | 12.487      | 1576          | 1581        | 1589         | rVB      | 9504           | 16558         | 0.33%           | 0.043%        |
| 22        | 13.528      | 1752          | 1758        | 1762         | rBV3     | 12064          | 17014         | 0.34%           | 0.044%        |
| 23        | 14.122      | 1851          | 1859        | 1873         | rVV      | 1410376        | 1962135       | 39.58%          | 5.055%        |
| 24        | 14.234      | 1874          | 1878        | 1885         | rVB10    | 4637           | 8200          | 0.17%           | 0.021%        |
| 25        | 14.298      | 1885          | 1889        | 1893         | rVB7     | 3140           | 5213          | 0.11%           | 0.013%        |
| 26        | 14.416      | 1902          | 1909        | 1922         | rVB      | 1439848        | 2064476       | 41.64%          | 5.318%        |
| 27        | 14.592      | 1935          | 1939        | 1945         | rVB2     | 13359          | 18543         | 0.37%           | 0.048%        |
| 28        | 14.722      | 1952          | 1961        | 1972         | rBV      | 967125         | 1439297       | 29.03%          | 3.708%        |
| 29        | 14.922      | 1988          | 1995        | 2009         | rBV2     | 54371          | 142418        | 2.87%           | 0.367%        |
| 30        | 15.122      | 2026          | 2029        | 2039         | rVB2     | 6772           | 14985         | 0.30%           | 0.039%        |
| 31        | 15.545      | 2095          | 2101        | 2106         | rVB2     | 18512          | 22232         | 0.45%           | 0.057%        |
| 32        | 15.710      | 2123          | 2129        | 2140         | rBV      | 1894636        | 2764550       | 55.77%          | 7.122%        |
| 33        | 15.828      | 2143          | 2149        | 2164         | rVV      | 706805         | 985412        | 19.88%          | 2.538%        |
| 34        | 15.951      | 2165          | 2170        | 2176         | rVB4     | 12845          | 21997         | 0.44%           | 0.057%        |
| 35        | 16.075      | 2184          | 2191        | 2203         | rVB      | 336510         | 464614        | 9.37%           | 1.197%        |
| 36        | 16.410      | 2243          | 2248        | 2258         | rBV      | 18876          | 29607         | 0.60%           | 0.076%        |

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 Sample : 01729-02  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 C0BY6

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-BP030723.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |       |         |         |         |         |
|----|--------|------|------|------|-------|---------|---------|---------|---------|
| 37 | 16.639 | 2281 | 2287 | 2294 | rBV4  | 9407    | 16669   | 0.34%   | 0.043%  |
| 38 | 16.857 | 2320 | 2324 | 2331 | rBV6  | 8068    | 16202   | 0.33%   | 0.042%  |
| 39 | 17.204 | 2379 | 2383 | 2388 | rVV   | 17029   | 21598   | 0.44%   | 0.056%  |
| 40 | 17.257 | 2390 | 2392 | 2402 | rVB10 | 7128    | 14936   | 0.30%   | 0.038%  |
| 41 | 17.475 | 2422 | 2429 | 2439 | rVV   | 1354630 | 1946504 | 39.26%  | 5.014%  |
| 42 | 17.575 | 2439 | 2446 | 2453 | rVV   | 2321834 | 3274789 | 66.06%  | 8.436%  |
| 43 | 17.657 | 2456 | 2460 | 2467 | rVB4  | 25022   | 53381   | 1.08%   | 0.138%  |
| 44 | 17.945 | 2505 | 2509 | 2513 | rVB3  | 11588   | 13983   | 0.28%   | 0.036%  |
| 45 | 18.116 | 2535 | 2538 | 2544 | rVB7  | 11253   | 15124   | 0.31%   | 0.039%  |
| 46 | 18.216 | 2551 | 2555 | 2560 | rBV7  | 12894   | 24209   | 0.49%   | 0.062%  |
| 47 | 18.328 | 2570 | 2574 | 2584 | rBV   | 157321  | 243834  | 4.92%   | 0.628%  |
| 48 | 18.463 | 2595 | 2597 | 2600 | rBV4  | 4744    | 6431    | 0.13%   | 0.017%  |
| 49 | 18.604 | 2619 | 2621 | 2626 | rVB2  | 9005    | 9837    | 0.20%   | 0.025%  |
| 50 | 18.733 | 2640 | 2643 | 2648 | rVB6  | 23920   | 27549   | 0.56%   | 0.071%  |
| 51 | 19.157 | 2711 | 2715 | 2720 | rBV7  | 11172   | 22012   | 0.44%   | 0.057%  |
| 52 | 19.210 | 2721 | 2724 | 2726 | rBV3  | 20214   | 20276   | 0.41%   | 0.052%  |
| 53 | 19.375 | 2748 | 2752 | 2756 | rVB4  | 35927   | 49006   | 0.99%   | 0.126%  |
| 54 | 19.439 | 2758 | 2763 | 2770 | rBV   | 48623   | 95302   | 1.92%   | 0.245%  |
| 55 | 19.557 | 2779 | 2783 | 2792 | rBV2  | 47569   | 85453   | 1.72%   | 0.220%  |
| 56 | 19.792 | 2817 | 2823 | 2834 | rBV   | 3225531 | 4362966 | 88.01%  | 11.239% |
| 57 | 21.222 | 3062 | 3066 | 3076 | rBV   | 269530  | 410705  | 8.28%   | 1.058%  |
| 58 | 21.551 | 3117 | 3122 | 3128 | rBV   | 1928057 | 2572155 | 51.89%  | 6.626%  |
| 59 | 22.833 | 3336 | 3340 | 3346 | rVB   | 361795  | 503793  | 10.16%  | 1.298%  |
| 60 | 23.921 | 3518 | 3525 | 3539 | rVB2  | 2392873 | 4957354 | 100.00% | 12.770% |
| 61 | 24.086 | 3546 | 3553 | 3564 | rVB   | 1290845 | 2747432 | 55.42%  | 7.077%  |

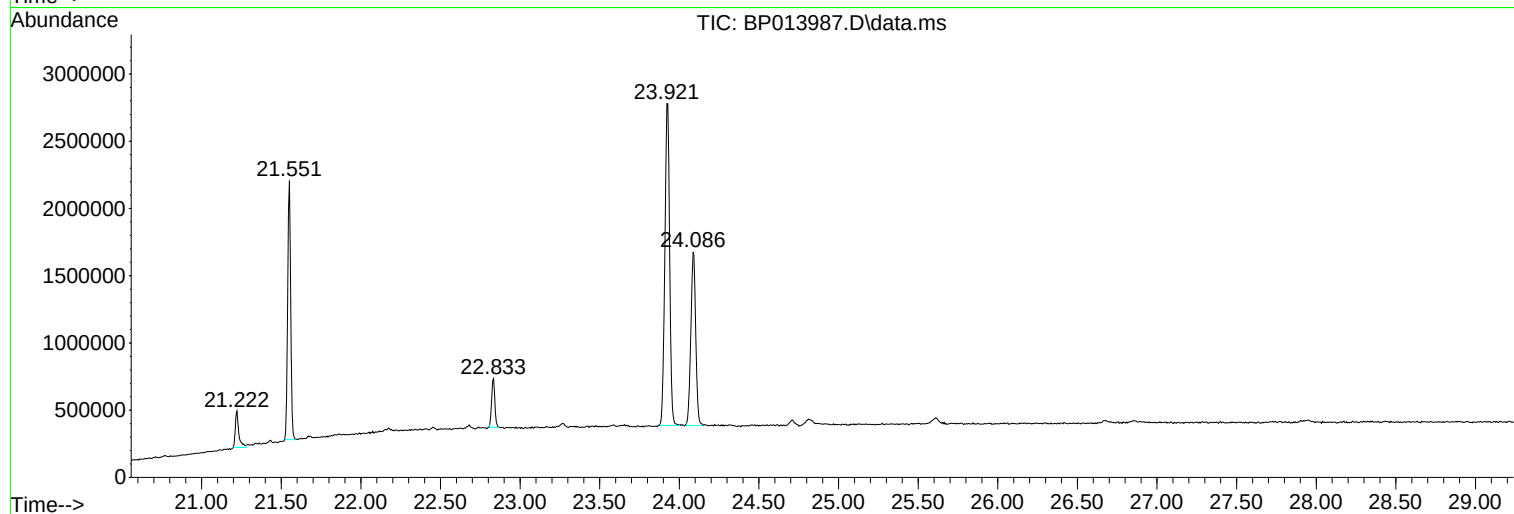
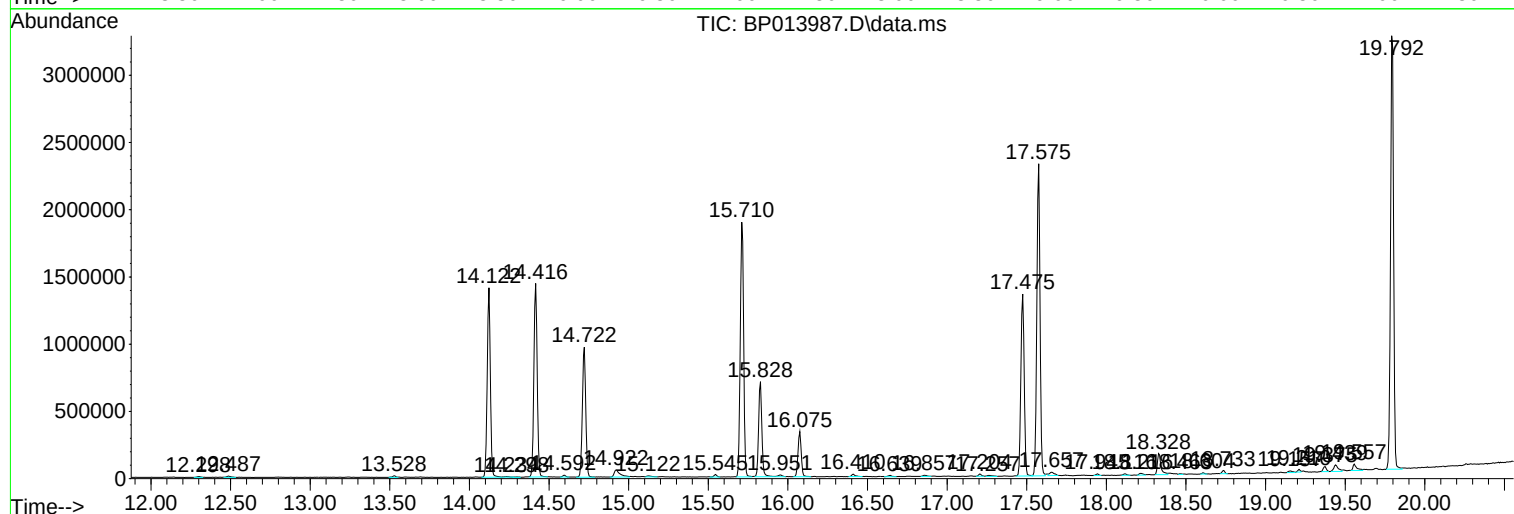
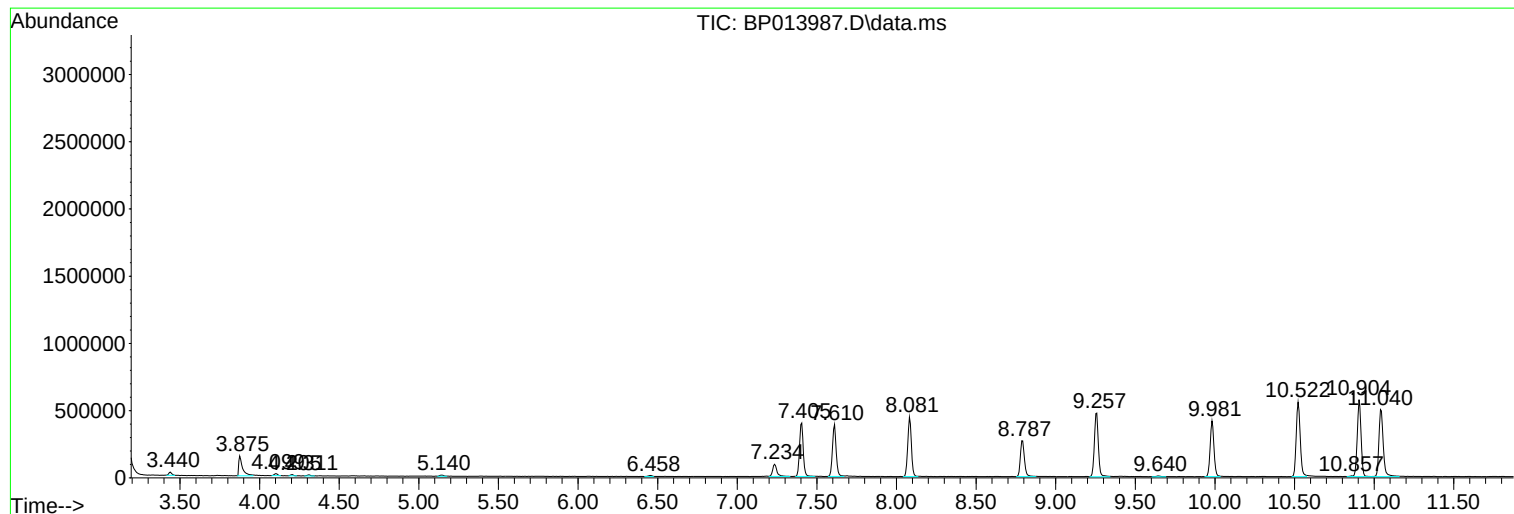
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Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
C0BY6

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP030723.M  
Quant Title : SVOA CALIBRATION

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



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Instrument :  
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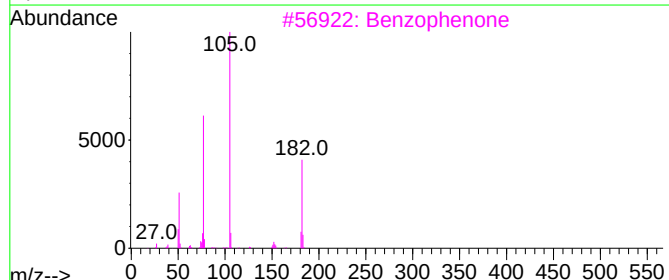
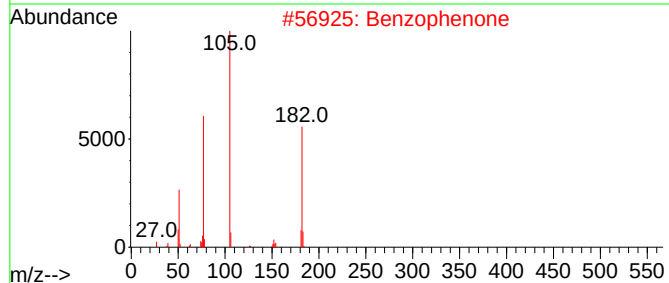
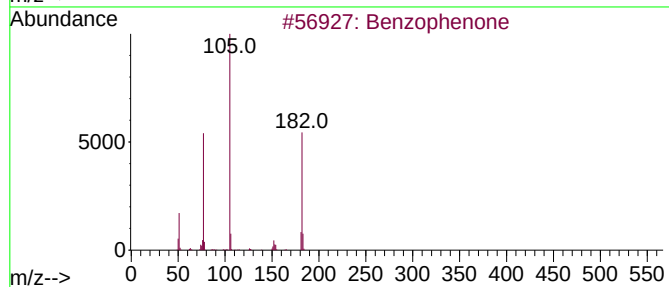
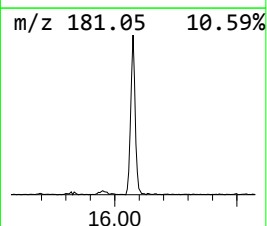
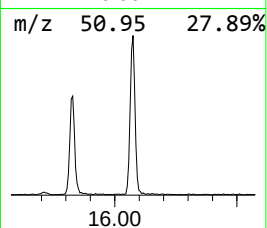
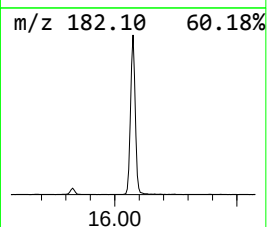
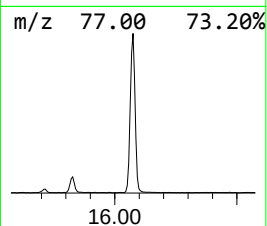
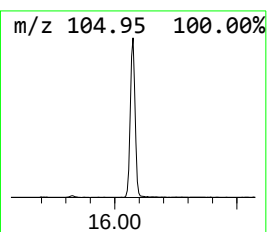
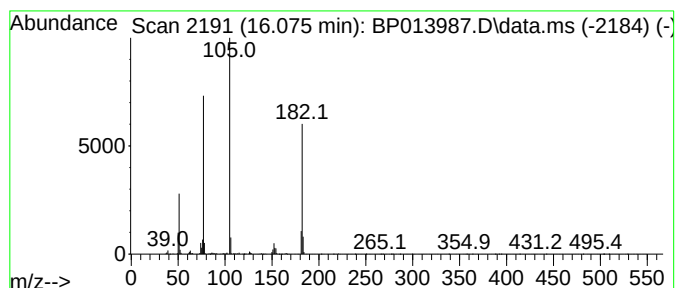
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Quant Title : SVOA CALIBRATION

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

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Peak Number 1 Benzophenone Concentration Rank 1

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 16.075 | 6.46 ng/ul | 464614 | Acenaphthene-d10 | 14.722 |

| Hit# | of | 5 | Tentative ID | MW  | MolForm  | CAS#        | Qual |
|------|----|---|--------------|-----|----------|-------------|------|
| 1    |    |   | Benzophenone | 182 | C13H10O  | 000119-61-9 | 97   |
| 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    |    |   | Azobenzene   | 182 | C12H10N2 | 000103-33-3 | 64   |



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Instrument :  
BNA\_P  
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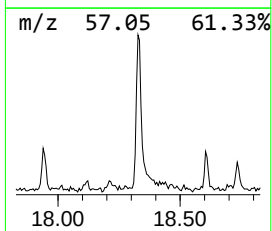
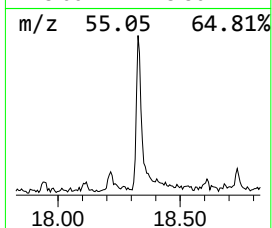
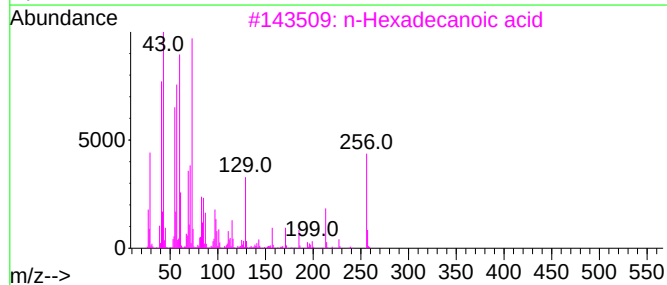
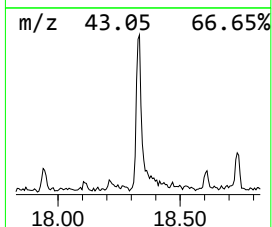
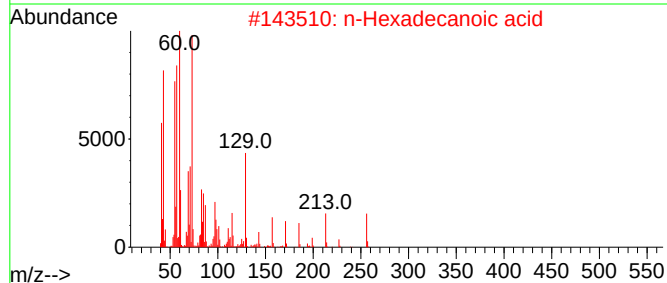
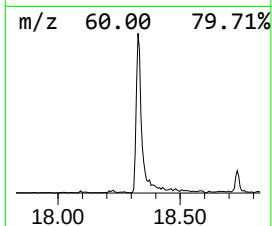
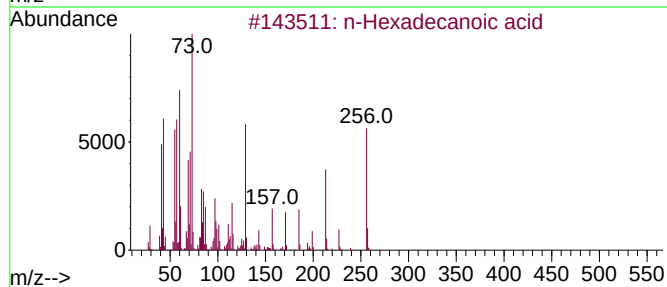
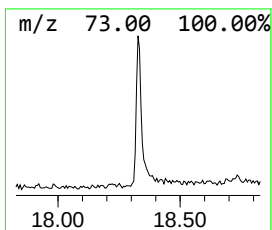
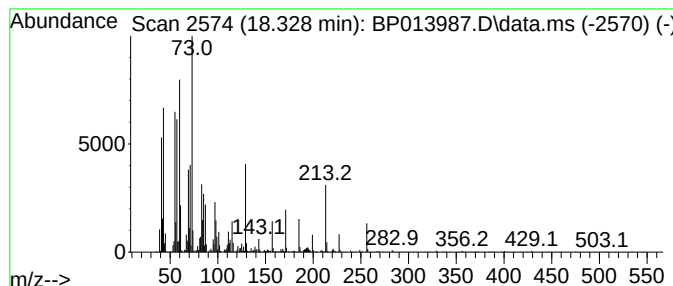
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP030723.M  
Quant Title : SVOA CALIBRATION

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.   |
|--------|------------|--------|------------------|--------|
| 18.328 | 2.51 ng/ul | 243834 | Phenanthrene-d10 | 17.475 |

| Hit# | of | 5 | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|---------------------|-----|----------|-------------|------|
| 1    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 97   |
| 2    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 97   |
| 3    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 97   |
| 4    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 87   |
| 5    |    |   | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 86   |



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Instrument :  
BNA\_P  
ClientSampleId :  
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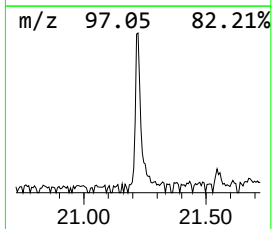
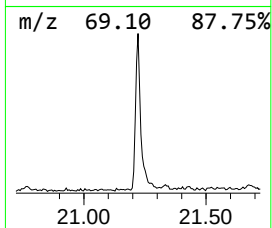
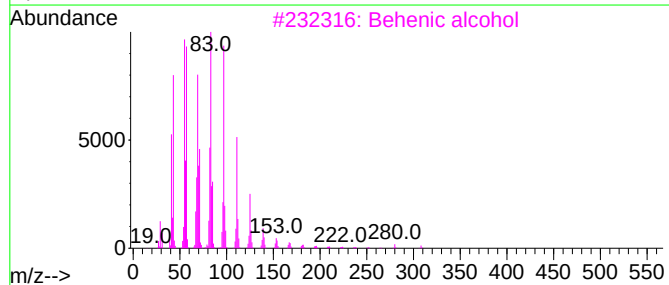
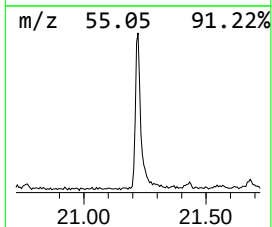
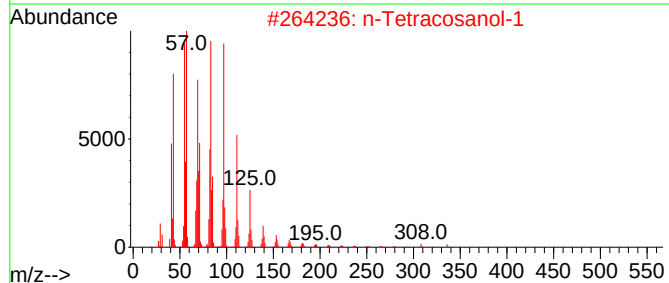
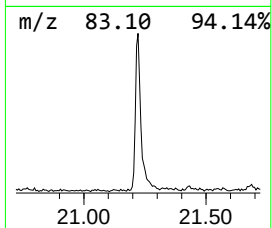
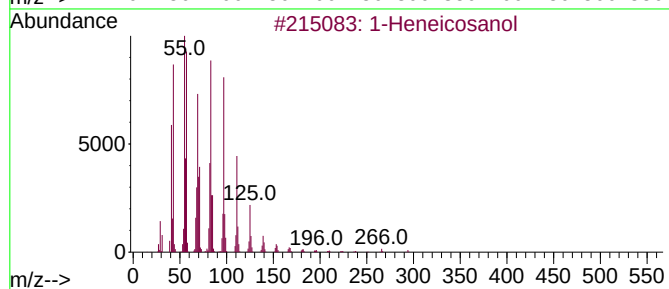
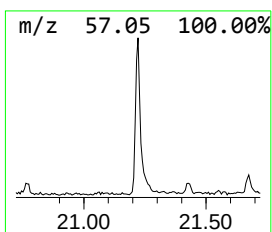
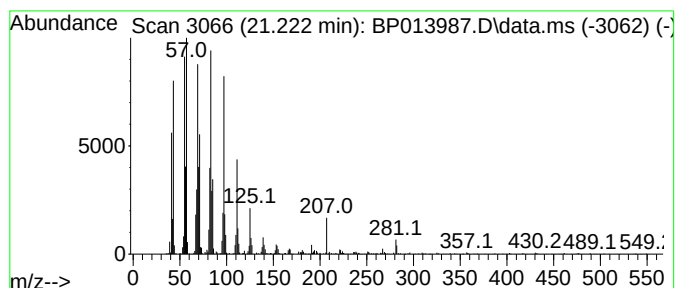
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP030723.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 3 1-Heneicosanol Concentration Rank 3

| R.T.      | EstConc          | Area   | Relative to ISTD | R.T.        |      |
|-----------|------------------|--------|------------------|-------------|------|
| 21.221    | 3.19 ng/ul       | 410705 | Chrysene-d12     | 21.551      |      |
| Hit# of 5 | Tentative ID     | MW     | MolForm          | CAS#        | Qual |
| 1         | 1-Heneicosanol   | 312    | C21H44O          | 015594-90-8 | 95   |
| 2         | n-Tetracosanol-1 | 354    | C24H50O          | 000506-51-4 | 95   |
| 3         | Behenic alcohol  | 326    | C22H46O          | 000661-19-8 | 95   |
| 4         | 1-Tetracosene    | 336    | C24H48           | 010192-32-2 | 94   |
| 5         | Cyclopentadecane | 210    | C15H30           | 000295-48-7 | 94   |



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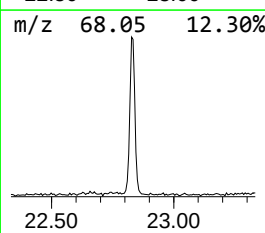
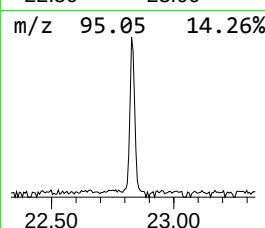
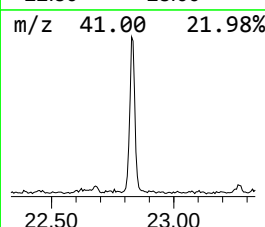
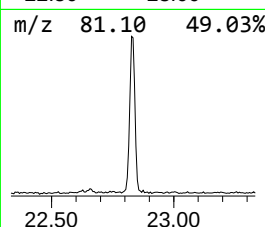
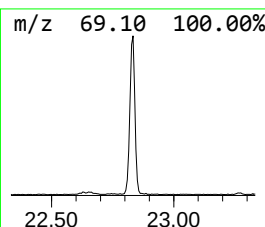
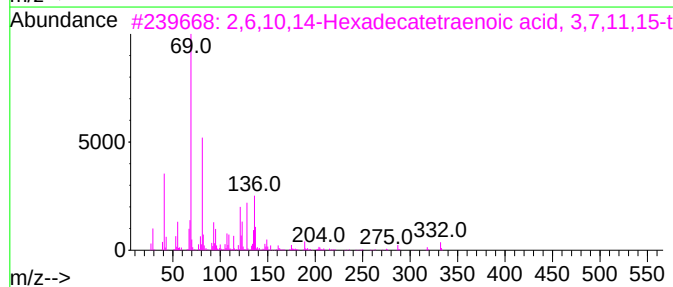
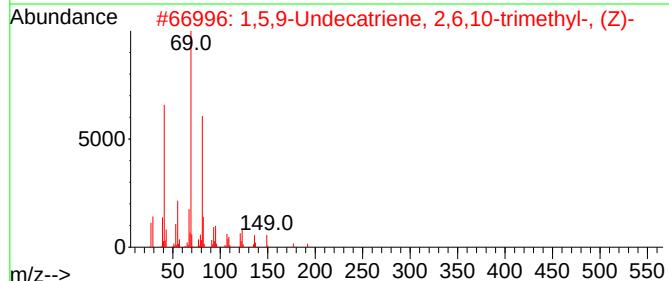
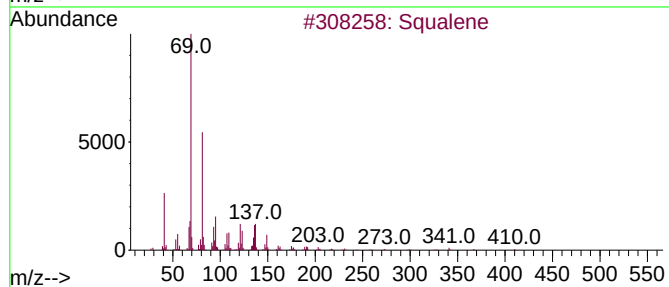
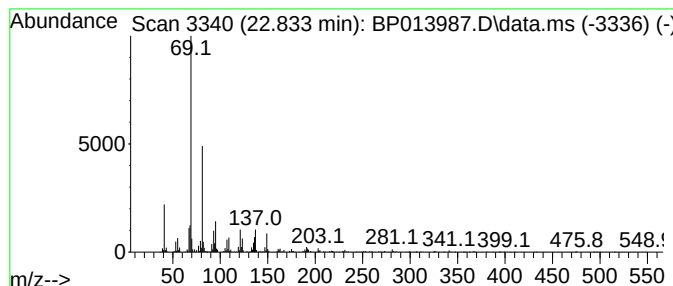
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP030723.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST0.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 4 Squalene Concentration Rank 2

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 22.833 | 3.67 ng/ul | 503793 | Perylene-d12     | 24.086 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | Squalene                            | 410 | C30H50   | 000111-02-4 | 94   |
| 2    |    |   | 1,5,9-Undecatriene, 2,6,10-trime... | 192 | C14H24   | 062951-96-6 | 87   |
| 3    |    |   | 2,6,10,14-Hexadecatetraenoic aci... | 332 | C22H36O2 | 024035-35-6 | 83   |
| 4    |    |   | Hexadeca-2,6,10,14-tetraen-1-ol,... | 290 | C20H34O  | 007614-21-3 | 72   |
| 5    |    |   | 7,11-Dimethyldodeca-2,6,10-trien... | 208 | C14H24O  | 125529-10-4 | 64   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP030823\  
Data File : BP013987.D  
Acq On : 08 Mar 2023 20:36  
Operator : CG/JU  
Sample : 01729-02  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
C0BY6

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP030723.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       | 16.075 | 6.5     | ng/ul | 464614   | 3                     | 14.722 | 1439300 | 20.0 |
| n-Hexadecanoic ... | 18.328 | 2.5     | ng/ul | 243834   | 4                     | 17.475 | 1946500 | 20.0 |
| 1-Heneicosanol     | 21.221 | 3.2     | ng/ul | 410705   | 5                     | 21.551 | 2572160 | 20.0 |
| Squalene           | 22.833 | 3.7     | ng/ul | 503793   | 6                     | 24.086 | 2747430 | 20.0 |