

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP052323\  
 Data File : BP015255.D  
 Acq On : 23 May 2023 23:48  
 Operator : CG/JU  
 Sample : 02861-10  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 H0FL3

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: BP015255.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         | 3.428       | 37            | 41          | 50           | rVB      | 57720          | 78894         | 1.19%           | 0.124%        |
| 2         | 3.875       | 115           | 117         | 128          | rBV      | 134962         | 210701        | 3.17%           | 0.330%        |
| 3         | 4.111       | 153           | 157         | 163          | rVB2     | 15528          | 24919         | 0.37%           | 0.039%        |
| 4         | 4.205       | 169           | 173         | 183          | rBV      | 13833          | 23067         | 0.35%           | 0.036%        |
| 5         | 4.669       | 247           | 252         | 256          | rVB2     | 15582          | 22709         | 0.34%           | 0.036%        |
| 6         | 5.163       | 330           | 336         | 341          | rVB9     | 3420           | 6785          | 0.10%           | 0.011%        |
| 7         | 5.775       | 432           | 440         | 446          | rVB2     | 9549           | 18568         | 0.28%           | 0.029%        |
| 8         | 7.222       | 680           | 686         | 688          | rBV3     | 15202          | 23275         | 0.35%           | 0.037%        |
| 9         | 7.269       | 688           | 694         | 707          | rVB      | 215343         | 367939        | 5.53%           | 0.577%        |
| 10        | 7.440       | 714           | 723         | 736          | rBV      | 885795         | 1412875       | 21.24%          | 2.216%        |
| 11        | 7.640       | 750           | 757         | 767          | rBV      | 880922         | 1411932       | 21.23%          | 2.215%        |
| 12        | 8.116       | 831           | 838         | 847          | rBV      | 834972         | 1337789       | 20.11%          | 2.098%        |
| 13        | 8.828       | 951           | 959         | 974          | rBV      | 653830         | 1120187       | 16.84%          | 1.757%        |
| 14        | 9.293       | 1030          | 1038        | 1050         | rBV      | 1137315        | 1880273       | 28.27%          | 2.949%        |
| 15        | 9.399       | 1054          | 1056        | 1061         | rVV6     | 6700           | 11256         | 0.17%           | 0.018%        |
| 16        | 9.446       | 1061          | 1064        | 1069         | rVB7     | 6051           | 9145          | 0.14%           | 0.014%        |
| 17        | 9.687       | 1098          | 1105        | 1111         | rVB      | 44559          | 69236         | 1.04%           | 0.109%        |
| 18        | 10.022      | 1154          | 1162        | 1176         | rBV      | 954115         | 1574074       | 23.67%          | 2.469%        |
| 19        | 10.563      | 1246          | 1254        | 1274         | rBV      | 1302009        | 2331666       | 35.06%          | 3.657%        |
| 20        | 10.946      | 1311          | 1319        | 1329         | rBV      | 1252151        | 2074681       | 31.19%          | 3.254%        |
| 21        | 11.081      | 1335          | 1342        | 1361         | rBV      | 905590         | 1607313       | 24.17%          | 2.521%        |
| 22        | 11.734      | 1445          | 1453        | 1455         | rBV8     | 6297           | 9770          | 0.15%           | 0.015%        |
| 23        | 11.769      | 1456          | 1459        | 1467         | rVB9     | 7865           | 15547         | 0.23%           | 0.024%        |
| 24        | 12.181      | 1524          | 1529        | 1534         | rVB      | 40008          | 58978         | 0.89%           | 0.093%        |
| 25        | 12.275      | 1541          | 1545        | 1551         | rVB9     | 3822           | 7484          | 0.11%           | 0.012%        |
| 26        | 12.345      | 1554          | 1557        | 1561         | rVB6     | 4604           | 7379          | 0.11%           | 0.012%        |
| 27        | 12.522      | 1581          | 1587        | 1595         | rVB3     | 21018          | 39397         | 0.59%           | 0.062%        |
| 28        | 13.363      | 1725          | 1730        | 1734         | rVB8     | 5359           | 8191          | 0.12%           | 0.013%        |
| 29        | 13.563      | 1759          | 1764        | 1770         | rVB6     | 11737          | 18633         | 0.28%           | 0.029%        |
| 30        | 13.640      | 1770          | 1777        | 1783         | rBV      | 27406          | 41762         | 0.63%           | 0.066%        |
| 31        | 14.157      | 1857          | 1865        | 1879         | rBV      | 2848158        | 4033220       | 60.64%          | 6.326%        |
| 32        | 14.275      | 1881          | 1885        | 1890         | rVB8     | 8122           | 12439         | 0.19%           | 0.020%        |
| 33        | 14.451      | 1908          | 1915        | 1930         | rBV2     | 3092679        | 4488930       | 67.49%          | 7.041%        |
| 34        | 14.634      | 1939          | 1946        | 1949         | rVB9     | 5840           | 9132          | 0.14%           | 0.014%        |
| 35        | 14.757      | 1960          | 1967        | 1976         | rBV      | 1958034        | 2866117       | 43.09%          | 4.495%        |
| 36        | 14.951      | 1993          | 2000        | 2015         | rBV      | 91728          | 226242        | 3.40%           | 0.355%        |

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 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 BNA\_P  
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 H0FL3

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 | 15.163 | 2031 | 2036 | 2043 | rVB   | 8931    | 20917   | 0.31%   | 0.033%  |
| 38 | 15.416 | 2074 | 2079 | 2088 | rBV10 | 9173    | 18397   | 0.28%   | 0.029%  |
| 39 | 15.575 | 2102 | 2106 | 2111 | rVB5  | 9821    | 18487   | 0.28%   | 0.029%  |
| 40 | 15.704 | 2123 | 2128 | 2129 | rBV2  | 24185   | 30871   | 0.46%   | 0.048%  |
| 41 | 15.745 | 2129 | 2135 | 2147 | rVV   | 3958442 | 5731920 | 86.18%  | 8.990%  |
| 42 | 15.863 | 2150 | 2155 | 2165 | rBV   | 292683  | 449551  | 6.76%   | 0.705%  |
| 43 | 15.986 | 2170 | 2176 | 2182 | rVB3  | 22583   | 37657   | 0.57%   | 0.059%  |
| 44 | 16.110 | 2190 | 2197 | 2212 | rBV   | 388031  | 568889  | 8.55%   | 0.892%  |
| 45 | 16.328 | 2230 | 2234 | 2243 | rVB   | 4656    | 9550    | 0.14%   | 0.015%  |
| 46 | 16.445 | 2251 | 2254 | 2258 | rBV4  | 13132   | 18460   | 0.28%   | 0.029%  |
| 47 | 16.528 | 2266 | 2268 | 2274 | rVB6  | 5618    | 8114    | 0.12%   | 0.013%  |
| 48 | 16.892 | 2326 | 2330 | 2331 | rBV4  | 5818    | 7293    | 0.11%   | 0.011%  |
| 49 | 16.951 | 2336 | 2340 | 2346 | rVB2  | 23062   | 32352   | 0.49%   | 0.051%  |
| 50 | 17.028 | 2351 | 2353 | 2358 | rVB5  | 5307    | 8322    | 0.13%   | 0.013%  |
| 51 | 17.245 | 2385 | 2390 | 2394 | rBV6  | 12940   | 21381   | 0.32%   | 0.034%  |
| 52 | 17.292 | 2394 | 2398 | 2405 | rVB7  | 9217    | 20875   | 0.31%   | 0.033%  |
| 53 | 17.404 | 2415 | 2417 | 2423 | rVB7  | 6293    | 8477    | 0.13%   | 0.013%  |
| 54 | 17.510 | 2428 | 2435 | 2442 | rBV   | 2266150 | 3355755 | 50.45%  | 5.263%  |
| 55 | 17.610 | 2445 | 2452 | 2465 | rVV   | 4148538 | 6131201 | 92.18%  | 9.617%  |
| 56 | 17.775 | 2477 | 2480 | 2486 | rBV4  | 7580    | 12973   | 0.20%   | 0.020%  |
| 57 | 18.022 | 2518 | 2522 | 2525 | rVB2  | 22365   | 26613   | 0.40%   | 0.042%  |
| 58 | 18.151 | 2542 | 2544 | 2548 | rVB5  | 10951   | 12119   | 0.18%   | 0.019%  |
| 59 | 18.363 | 2575 | 2580 | 2587 | rBV   | 253801  | 355363  | 5.34%   | 0.557%  |
| 60 | 18.439 | 2590 | 2593 | 2604 | rVB   | 28522   | 53534   | 0.80%   | 0.084%  |
| 61 | 18.775 | 2647 | 2650 | 2653 | rBV5  | 9014    | 9450    | 0.14%   | 0.015%  |
| 62 | 18.851 | 2661 | 2663 | 2667 | rBV4  | 10032   | 13348   | 0.20%   | 0.021%  |
| 63 | 18.922 | 2672 | 2675 | 2679 | rVB2  | 20880   | 23964   | 0.36%   | 0.038%  |
| 64 | 19.404 | 2753 | 2757 | 2762 | rVB2  | 63447   | 82068   | 1.23%   | 0.129%  |
| 65 | 19.475 | 2764 | 2769 | 2779 | rVV   | 66612   | 102343  | 1.54%   | 0.161%  |
| 66 | 19.586 | 2784 | 2788 | 2794 | rBV3  | 62718   | 100237  | 1.51%   | 0.157%  |
| 67 | 19.686 | 2803 | 2805 | 2809 | rVB4  | 24631   | 24926   | 0.37%   | 0.039%  |
| 68 | 19.827 | 2823 | 2829 | 2837 | rBV   | 5141548 | 6651290 | 100.00% | 10.432% |
| 69 | 21.269 | 3069 | 3074 | 3085 | rBV2  | 310260  | 744892  | 11.20%  | 1.168%  |
| 70 | 21.586 | 3122 | 3128 | 3136 | rBV   | 1949037 | 2765708 | 41.58%  | 4.338%  |
| 71 | 23.315 | 3419 | 3422 | 3429 | rVB2  | 133349  | 203042  | 3.05%   | 0.318%  |
| 72 | 23.974 | 3526 | 3534 | 3546 | rBV2  | 2757647 | 5853679 | 88.01%  | 9.181%  |
| 73 | 24.139 | 3555 | 3562 | 3575 | rVB   | 1307179 | 2761640 | 41.52%  | 4.332%  |

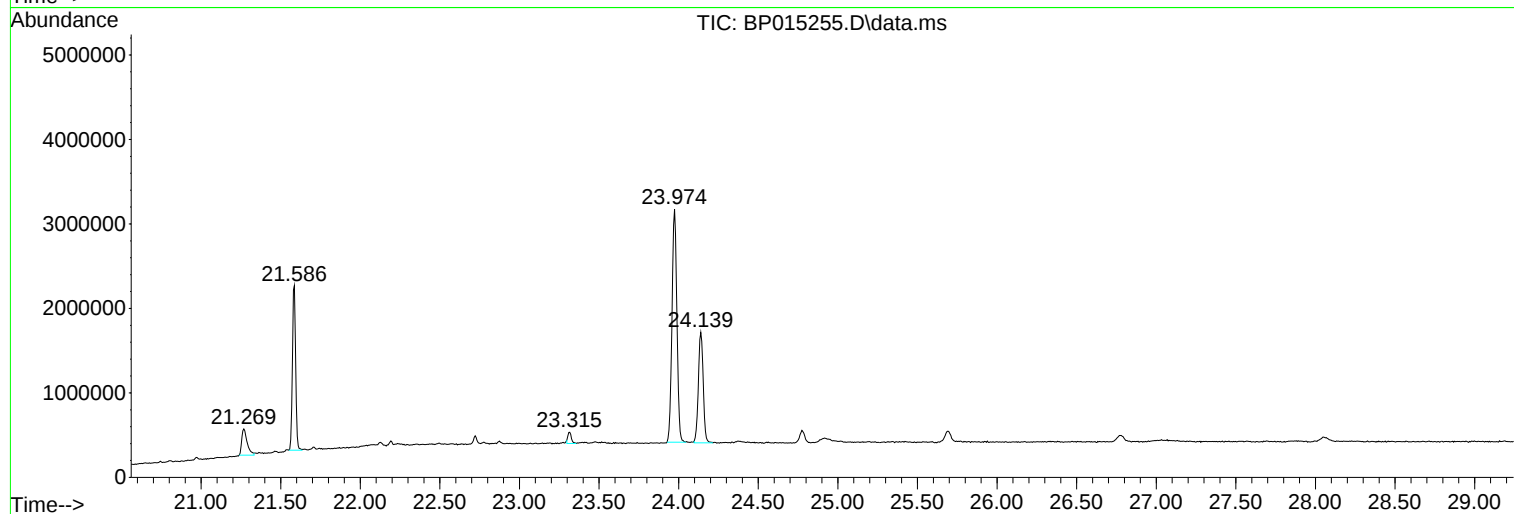
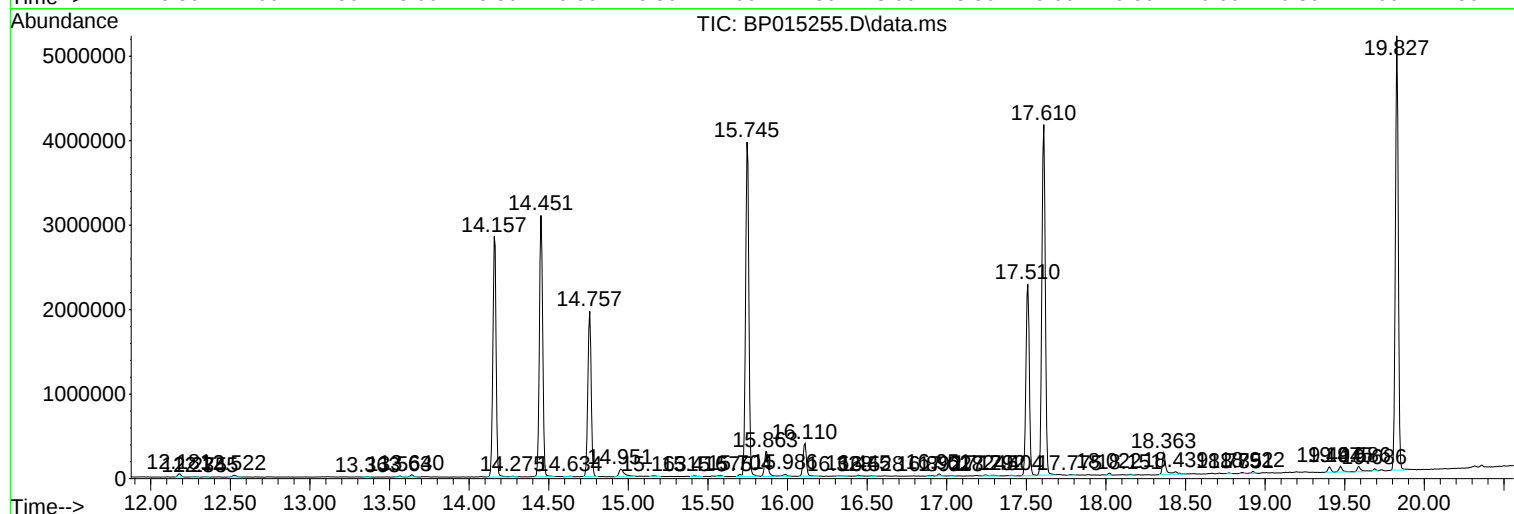
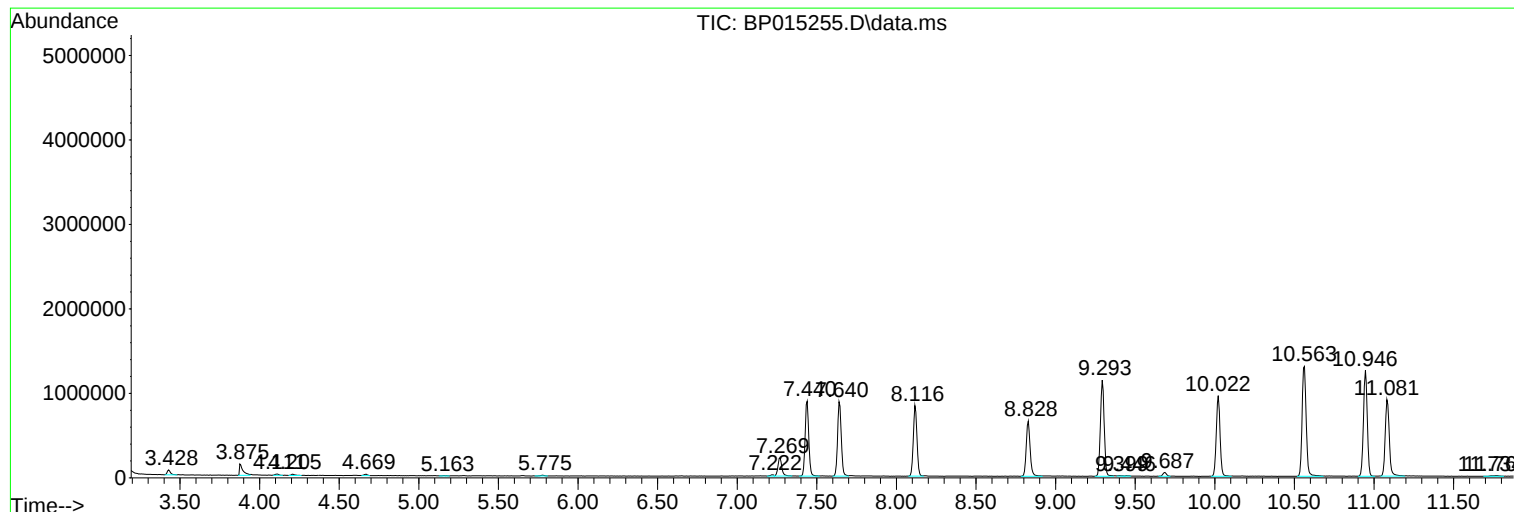
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Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP052323\  
Data File : BP015255.D  
Acq On : 23 May 2023 23:48  
Operator : CG/JU  
Sample : 02861-10  
Misc :  
ALS Vial : 26 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
H0FL3

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\BP052323\  
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Instrument :  
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H0FL3

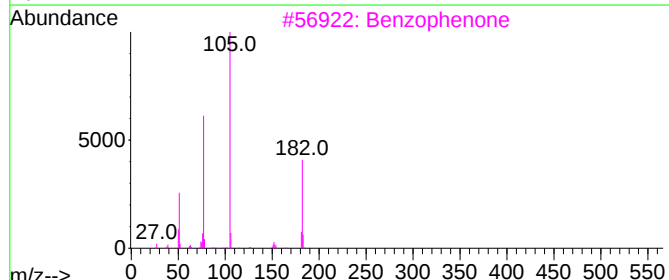
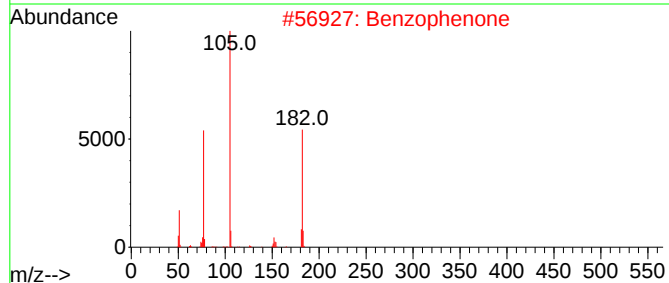
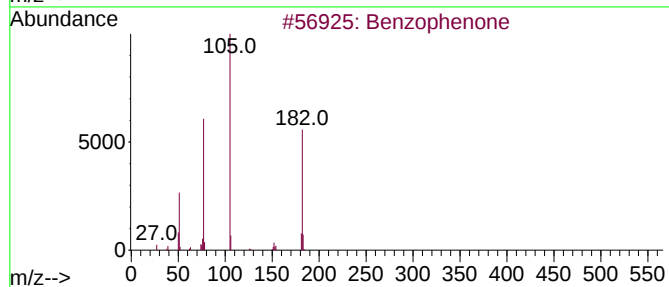
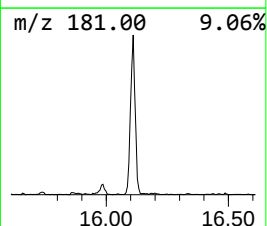
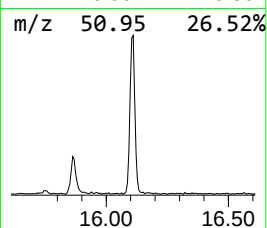
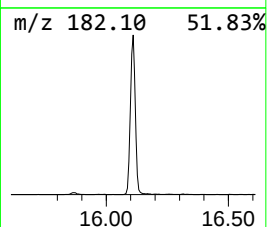
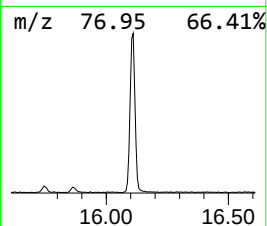
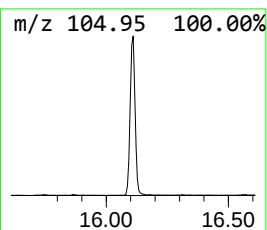
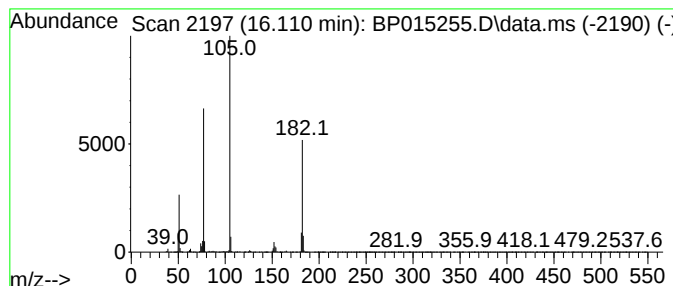
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP051123.MA.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 1 Benzophenone Concentration Rank 2

| R.T.   | EstConc    | Area  | Relative to ISTD | R.T.   |
|--------|------------|-------|------------------|--------|
| 16.110 | 3.97 ng/ul | 56889 | 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 | 95   |
| 3    |    |   | Benzophenone                        | 182 | C13H10O  | 000119-61-9 | 94   |
| 4    |    |   | Benzophenone                        | 182 | C13H10O  | 000119-61-9 | 91   |
| 5    |    |   | 1,2,4,5-Tetroxane, 3,3,6,6-tetra... | 396 | C26H20O4 | 016204-36-7 | 64   |



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ALS Vial : 26 Sample Multiplier: 1

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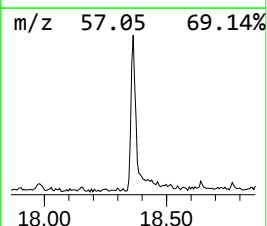
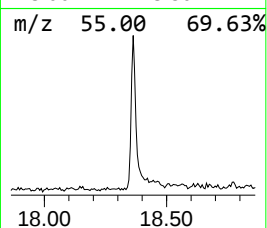
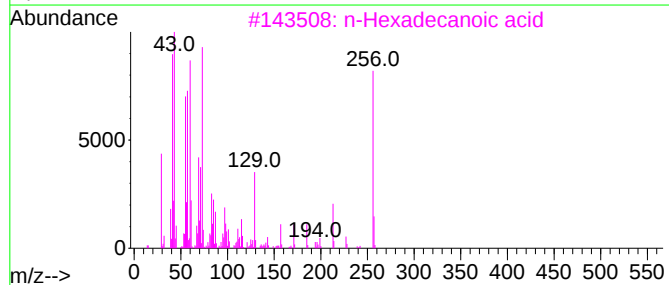
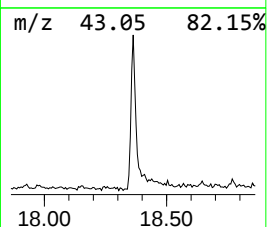
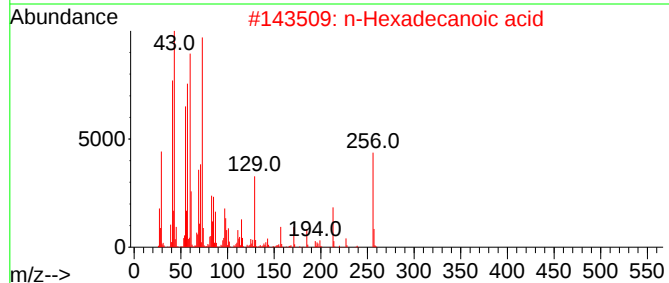
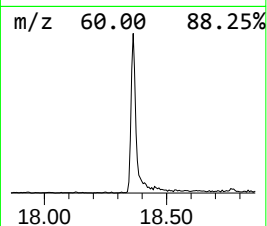
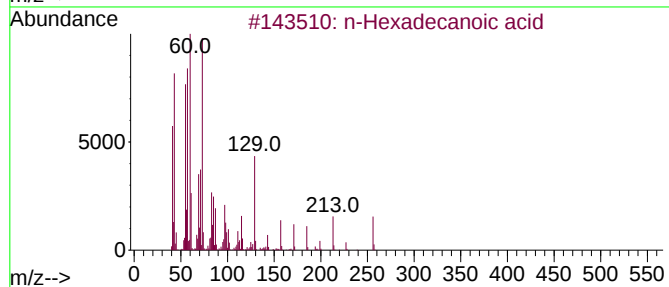
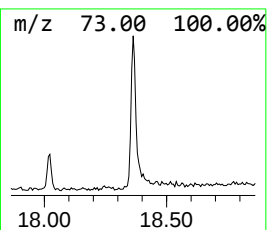
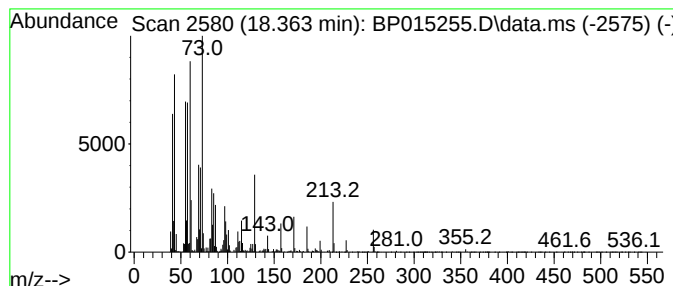
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP051123.MA.M  
Quant Title : SVOA CALIBRATION

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.   |
|--------|------------|--------|------------------|--------|
| 18.363 | 2.12 ng/ul | 355363 | Phenanthrene-d10 | 17.510 |

| 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 | 97      |      |      |
| 4    | n-Hexadecanoic acid | 256 | C16H32O2     | 000057-10-3 | 97      |      |      |
| 5    | Tetradecanoic acid  | 228 | C14H28O2     | 000544-63-8 | 94      |      |      |



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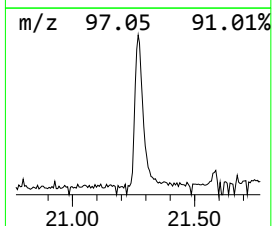
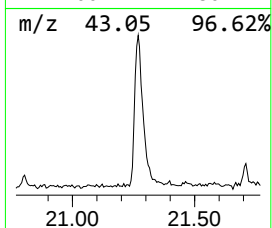
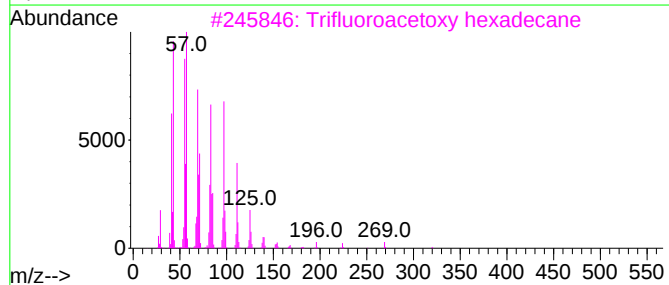
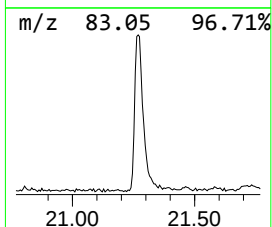
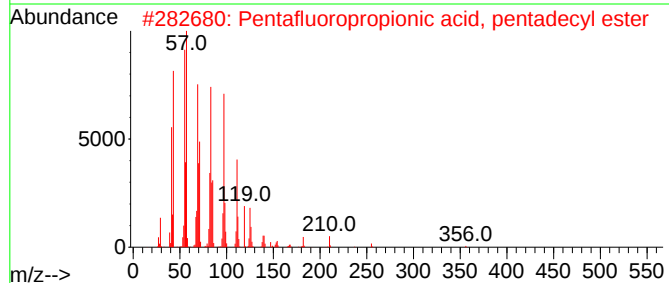
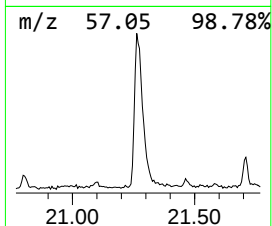
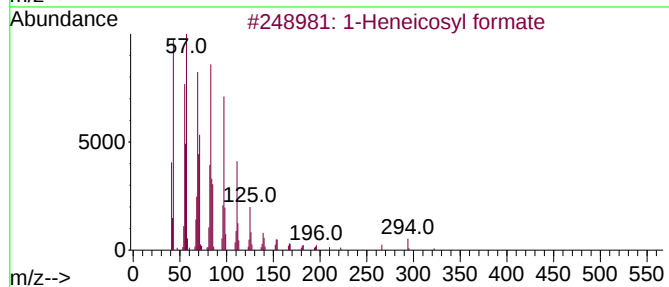
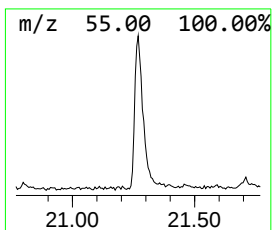
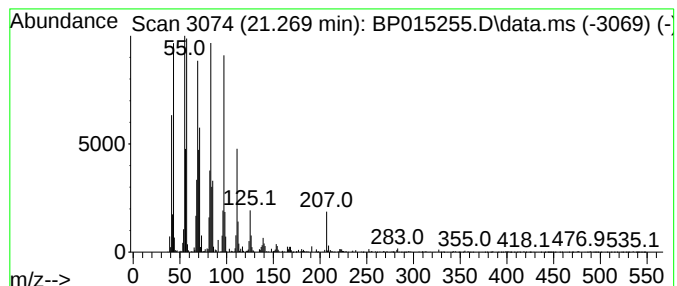
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP051123.MA.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 3 1-Heneicosyl formate Concentration Rank 1

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 21.269 | 5.39 ng/ul | 744892 | Chrysene-d12     | 21.586 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm    | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|------------|-------------|------|
| 1    |    |   | 1-Heneicosyl formate                | 340 | C22H44O2   | 077899-03-7 | 95   |
| 2    |    |   | Pentafluoropropionic acid, penta... | 374 | C18H31F5O2 | 959092-08-1 | 94   |
| 3    |    |   | Trifluoroacetoxy hexadecane         | 338 | C18H33F3O2 | 006222-03-3 | 94   |
| 4    |    |   | Pentacos-1-ene                      | 350 | C25H50     | 016980-85-1 | 94   |
| 5    |    |   | n-Nonadecanol-1                     | 284 | C19H40O    | 001454-84-8 | 94   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP052323\  
Data File : BP015255.D  
Acq On : 23 May 2023 23:48  
Operator : CG/JU  
Sample : 02861-10  
Misc :  
ALS Vial : 26 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
H0FL3

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 | 4.0     | ng/ul | 568889   | 3                     | 14.757 | 2866120 | 20.0 |
| n-Hexadecanoic ... | 18.363 | 2.1     | ng/ul | 355363   | 4                     | 17.510 | 3355760 | 20.0 |
| 1-Heneicosyl fo... | 21.269 | 5.4     | ng/ul | 744892   | 5                     | 21.586 | 2765710 | 20.0 |