

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP041223\  
 Data File : BP014697.D  
 Acq On : 13 Apr 2023 05:47  
 Operator : CG/JU  
 Sample : 02254-04  
 Misc :  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 C0AA3

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-BP032823.M  
 Title : SVOA CALIBRATION

Signal : TIC: BP014697.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         | 3.322       | 19            | 23          | 26           | rBV2     | 24523          | 31799         | 0.88%           | 0.097%        |
| 2         | 3.358       | 26            | 29          | 32           | rVV      | 34371          | 41597         | 1.16%           | 0.127%        |
| 3         | 3.393       | 32            | 35          | 42           | rVB      | 73522          | 89537         | 2.49%           | 0.274%        |
| 4         | 3.805       | 103           | 105         | 117          | rBV      | 62798          | 133664        | 3.71%           | 0.409%        |
| 5         | 4.111       | 154           | 157         | 161          | rVB3     | 8746           | 11220         | 0.31%           | 0.034%        |
| 6         | 6.058       | 485           | 488         | 496          | rVB9     | 6029           | 10513         | 0.29%           | 0.032%        |
| 7         | 6.299       | 525           | 529         | 536          | rBV7     | 5013           | 8144          | 0.23%           | 0.025%        |
| 8         | 7.146       | 665           | 673         | 686          | rBV      | 87332          | 199981        | 5.56%           | 0.613%        |
| 9         | 7.299       | 693           | 699         | 714          | rBV      | 401774         | 678376        | 18.85%          | 2.078%        |
| 10        | 7.499       | 727           | 733         | 751          | rBV      | 402374         | 722510        | 20.07%          | 2.213%        |
| 11        | 7.969       | 806           | 813         | 826          | rBV      | 423344         | 716684        | 19.91%          | 2.195%        |
| 12        | 8.087       | 826           | 833         | 839          | rVB      | 81301          | 136133        | 3.78%           | 0.417%        |
| 13        | 8.693       | 929           | 936         | 957          | rBV      | 296205         | 581537        | 16.16%          | 1.781%        |
| 14        | 9.146       | 1006          | 1013        | 1029         | rBV      | 528359         | 932975        | 25.92%          | 2.858%        |
| 15        | 9.510       | 1071          | 1075        | 1080         | rVB3     | 9562           | 14552         | 0.40%           | 0.045%        |
| 16        | 9.869       | 1129          | 1136        | 1154         | rBV      | 433409         | 812787        | 22.58%          | 2.490%        |
| 17        | 10.416      | 1222          | 1229        | 1264         | rBV      | 460367         | 1046493       | 29.07%          | 3.206%        |
| 18        | 10.787      | 1284          | 1292        | 1307         | rVB      | 605970         | 1020892       | 28.36%          | 3.127%        |
| 19        | 10.940      | 1311          | 1318        | 1339         | rBV      | 332758         | 782535        | 21.74%          | 2.397%        |
| 20        | 11.334      | 1381          | 1385        | 1391         | rBV      | 12806          | 28589         | 0.79%           | 0.088%        |
| 21        | 11.398      | 1391          | 1396        | 1405         | rVB3     | 15487          | 38414         | 1.07%           | 0.118%        |
| 22        | 11.687      | 1442          | 1445        | 1449         | rVB6     | 2938           | 4437          | 0.12%           | 0.014%        |
| 23        | 12.004      | 1492          | 1499        | 1503         | rBV10    | 3173           | 6721          | 0.19%           | 0.021%        |
| 24        | 12.187      | 1524          | 1530        | 1537         | rVB6     | 6251           | 11418         | 0.32%           | 0.035%        |
| 25        | 12.393      | 1560          | 1565        | 1570         | rBV6     | 7475           | 15578         | 0.43%           | 0.048%        |
| 26        | 13.093      | 1677          | 1684        | 1687         | rBV9     | 2566           | 5755          | 0.16%           | 0.018%        |
| 27        | 13.422      | 1734          | 1740        | 1747         | rVB3     | 13741          | 23579         | 0.66%           | 0.072%        |
| 28        | 13.504      | 1750          | 1754        | 1760         | rVV7     | 5021           | 9046          | 0.25%           | 0.028%        |
| 29        | 14.034      | 1833          | 1844        | 1856         | rBV      | 1147407        | 1743050       | 48.42%          | 5.340%        |
| 30        | 14.316      | 1885          | 1892        | 1911         | rBV      | 1299036        | 1953322       | 54.26%          | 5.984%        |
| 31        | 14.492      | 1918          | 1922        | 1926         | rVB5     | 5180           | 7709          | 0.21%           | 0.024%        |
| 32        | 14.622      | 1935          | 1944        | 1955         | rBV      | 902316         | 1307845       | 36.33%          | 4.006%        |
| 33        | 14.910      | 1988          | 1993        | 1994         | rVB3     | 16769          | 20617         | 0.57%           | 0.063%        |
| 34        | 15.375      | 2068          | 2072        | 2079         | rVV3     | 11683          | 21900         | 0.61%           | 0.067%        |
| 35        | 15.451      | 2081          | 2085        | 2089         | rVB6     | 5799           | 8298          | 0.23%           | 0.025%        |
| 36        | 15.622      | 2107          | 2114        | 2126         | rBV      | 1662829        | 2476193       | 68.79%          | 7.585%        |

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 C0AA3

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-BP032823.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |         |         |
|----|--------|------|------|------|------|---------|---------|---------|---------|
| 37 | 15.751 | 2130 | 2136 | 2151 | rVV  | 507093  | 884339  | 24.57%  | 2.709%  |
| 38 | 15.863 | 2153 | 2155 | 2164 | rVB6 | 14534   | 23943   | 0.67%   | 0.073%  |
| 39 | 15.986 | 2170 | 2176 | 2188 | rBV  | 418079  | 612854  | 17.03%  | 1.877%  |
| 40 | 16.316 | 2229 | 2232 | 2233 | rBV3 | 5159    | 4849    | 0.13%   | 0.015%  |
| 41 | 16.557 | 2267 | 2273 | 2281 | rBV  | 27774   | 45905   | 1.28%   | 0.141%  |
| 42 | 16.804 | 2310 | 2315 | 2316 | rBV5 | 3251    | 5881    | 0.16%   | 0.018%  |
| 43 | 17.057 | 2356 | 2358 | 2362 | rVB5 | 4355    | 4593    | 0.13%   | 0.014%  |
| 44 | 17.116 | 2364 | 2368 | 2371 | rVB6 | 6127    | 7280    | 0.20%   | 0.022%  |
| 45 | 17.163 | 2371 | 2376 | 2382 | rBV6 | 12220   | 22366   | 0.62%   | 0.069%  |
| 46 | 17.386 | 2407 | 2414 | 2425 | rBV  | 1084360 | 1561758 | 43.39%  | 4.784%  |
| 47 | 17.486 | 2425 | 2431 | 2449 | rVV  | 1976854 | 2851790 | 79.22%  | 8.736%  |
| 48 | 17.775 | 2475 | 2480 | 2484 | rBV8 | 5702    | 9825    | 0.27%   | 0.030%  |
| 49 | 17.863 | 2491 | 2495 | 2498 | rVB6 | 4586    | 6936    | 0.19%   | 0.021%  |
| 50 | 18.080 | 2530 | 2532 | 2534 | rVB3 | 5370    | 3603    | 0.10%   | 0.011%  |
| 51 | 18.257 | 2558 | 2562 | 2569 | rBV2 | 60607   | 105921  | 2.94%   | 0.324%  |
| 52 | 19.298 | 2735 | 2739 | 2743 | rBV3 | 26459   | 35212   | 0.98%   | 0.108%  |
| 53 | 19.369 | 2748 | 2751 | 2758 | rVB2 | 21947   | 35873   | 1.00%   | 0.110%  |
| 54 | 19.492 | 2769 | 2772 | 2778 | rBV8 | 21668   | 42702   | 1.19%   | 0.131%  |
| 55 | 19.716 | 2804 | 2810 | 2820 | rBV  | 2444367 | 3374562 | 93.75%  | 10.338% |
| 56 | 21.163 | 3052 | 3056 | 3066 | rBV8 | 81059   | 184446  | 5.12%   | 0.565%  |
| 57 | 21.474 | 3104 | 3109 | 3124 | rBV  | 1147738 | 1760311 | 48.90%  | 5.392%  |
| 58 | 23.810 | 3499 | 3506 | 3517 | rVB2 | 1804538 | 3599640 | 100.00% | 11.027% |
| 59 | 23.974 | 3527 | 3534 | 3544 | rVB2 | 823123  | 1804885 | 50.14%  | 5.529%  |

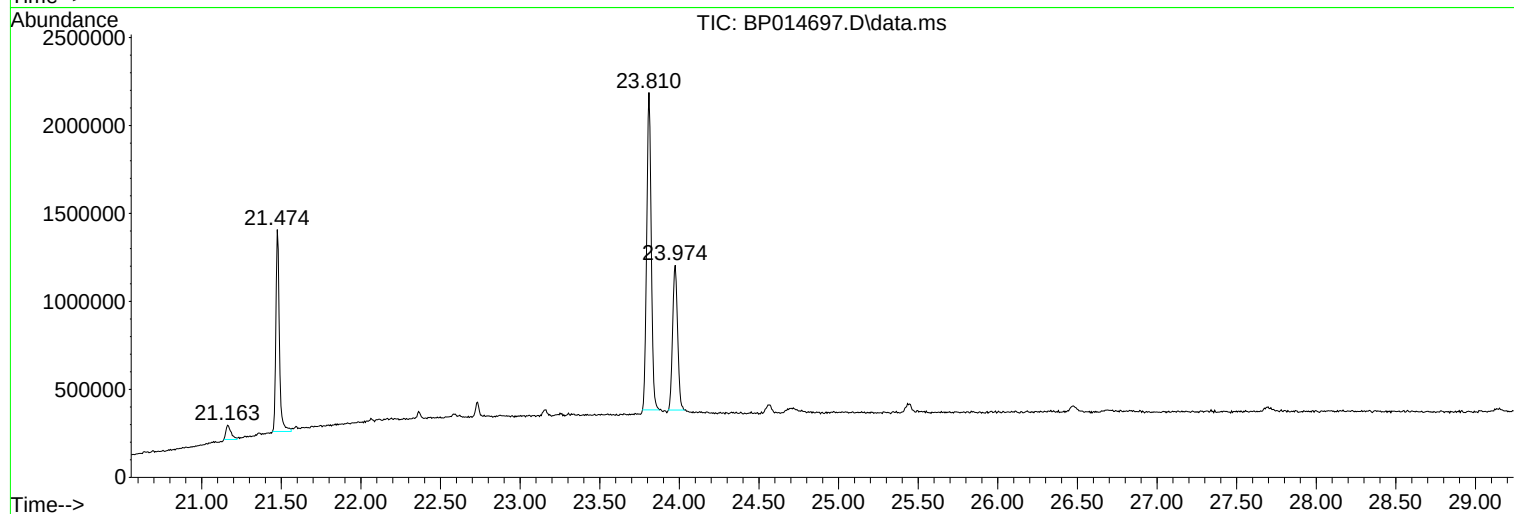
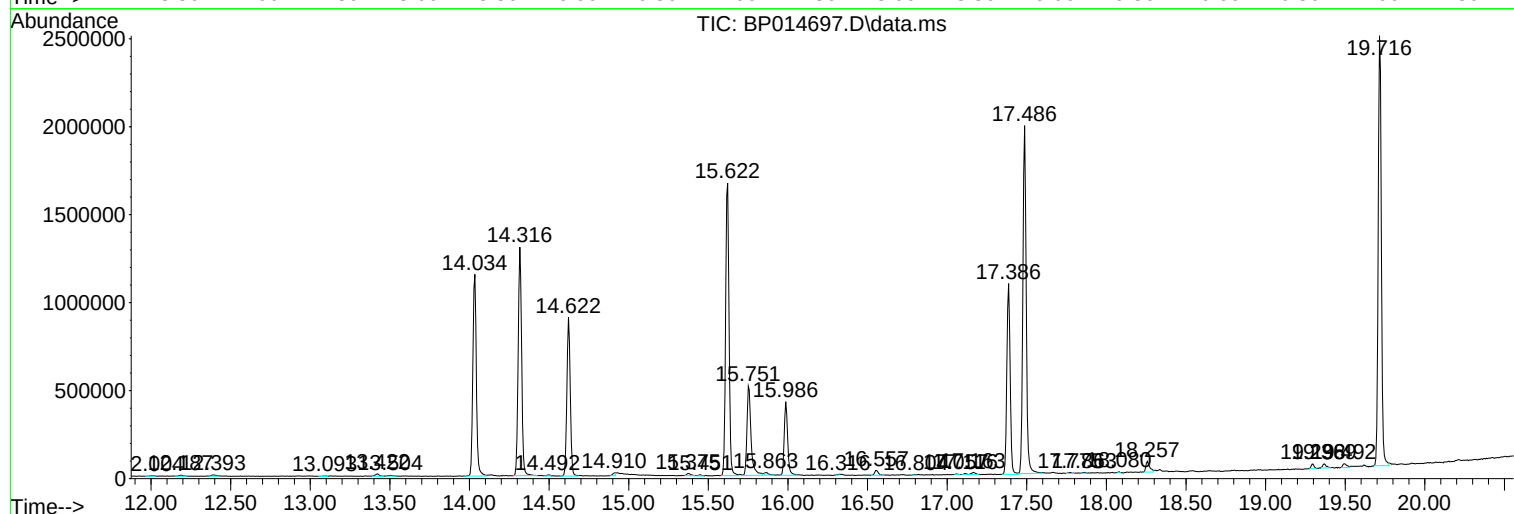
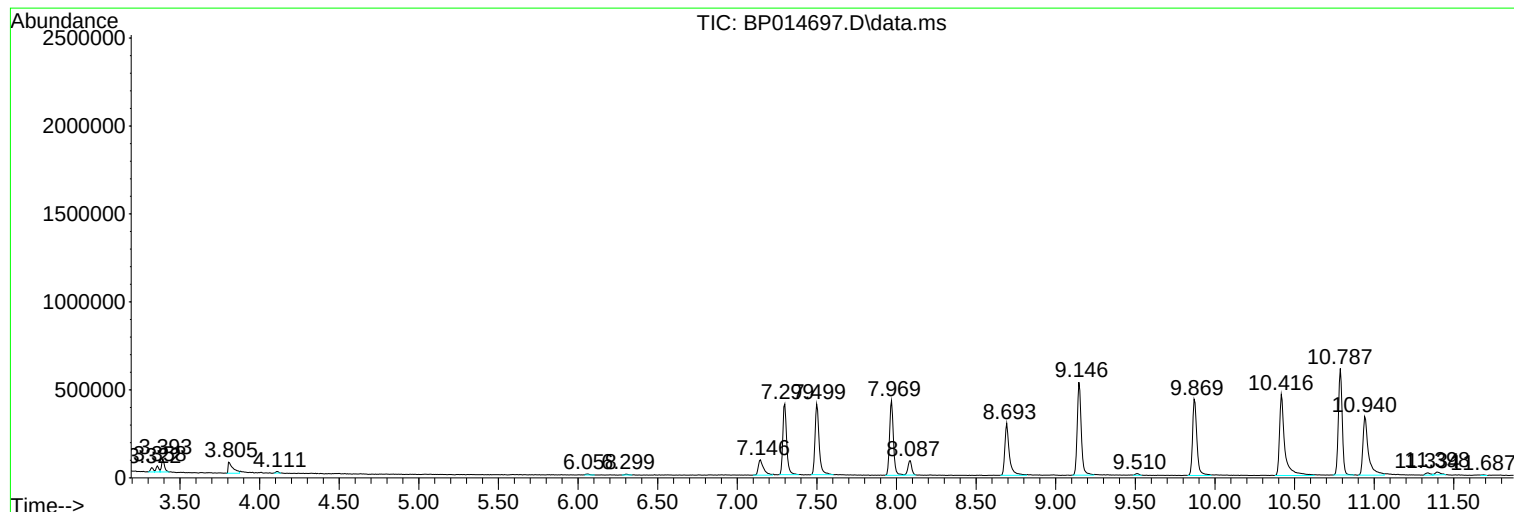
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Misc :  
ALS Vial : 32 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
C0AA3

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP032823.M  
Quant Title : SVOA CALIBRATION

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



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Operator : CG/JU  
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Misc :  
ALS Vial : 32 Sample Multiplier: 1

Instrument :  
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C0AA3

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP032823.M  
Quant Title : SVOA CALIBRATION

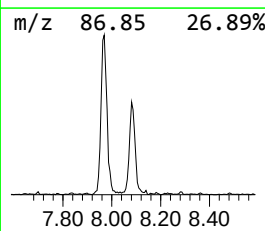
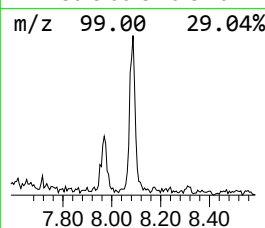
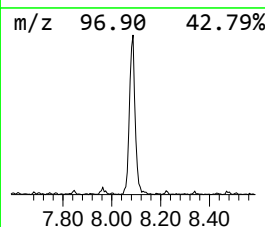
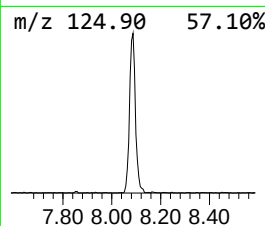
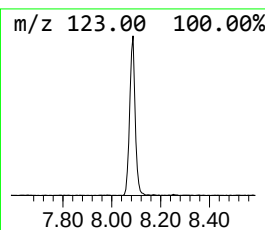
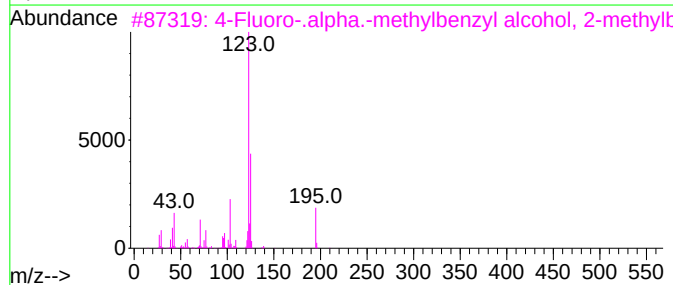
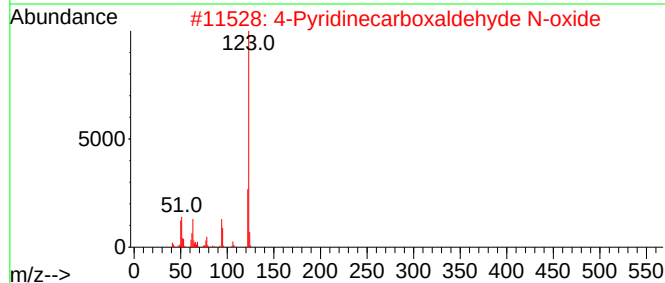
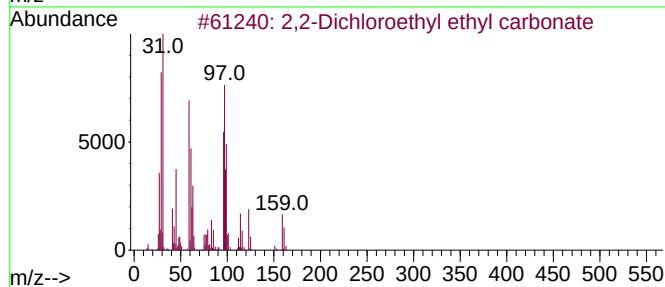
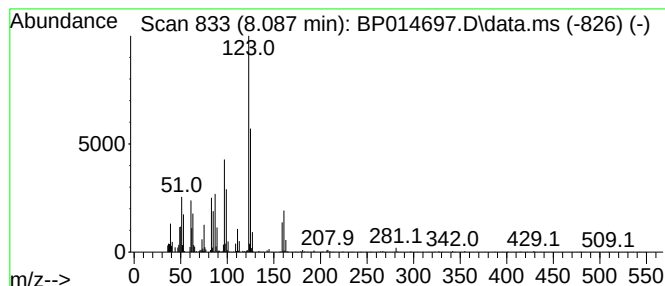
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 unknown-01 Concentration Rank 2

| R.T.  | EstConc    | Area   | Relative to ISTD       | R.T.  |
|-------|------------|--------|------------------------|-------|
| 8.087 | 3.80 ng/ul | 136133 | 1,4-Dichlorobenzene-d4 | 7.969 |

| Hit# | of                                  | 5   | Tentative ID | MW           | MolForm | CAS# | Qual |
|------|-------------------------------------|-----|--------------|--------------|---------|------|------|
| 1    | 2,2-Dichloroethyl ethyl carbonate   | 186 | C5H8Cl2O3    | 1010373-78-3 | 35      |      |      |
| 2    | 4-Pyridinecarboxaldehyde N-oxide    | 123 | C6H5NO2      | 007216-42-4  | 27      |      |      |
| 3    | 4-Fluoro-.alpha.-methylbenzyl al... | 210 | C13H19FO     | 1010394-95-5 | 27      |      |      |
| 4    | Benzoyl chloride, 2-fluoro-         | 158 | C7H4ClFO     | 000393-52-2  | 16      |      |      |
| 5    | Phenol, 4-nitroso-                  | 123 | C6H5NO2      | 000104-91-6  | 16      |      |      |



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ALS Vial : 32 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
C0AA3

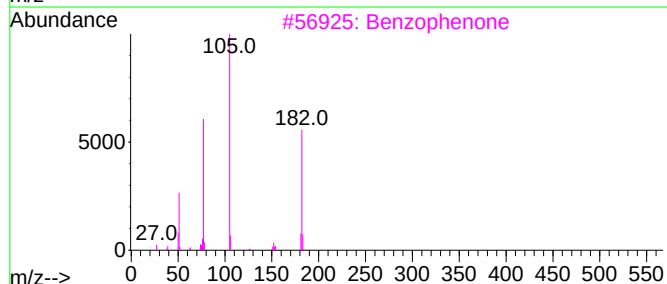
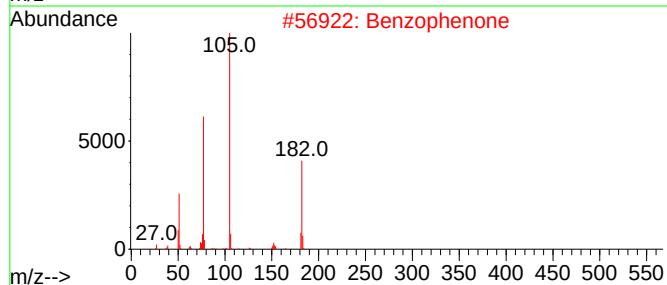
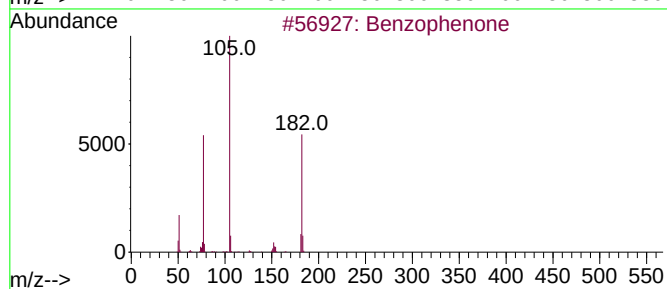
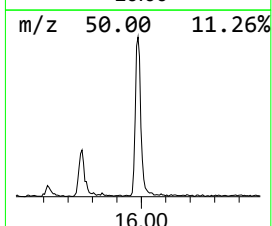
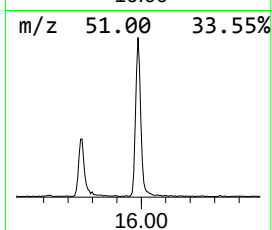
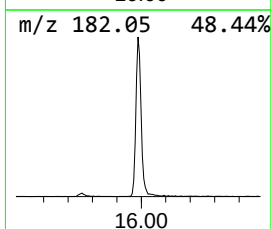
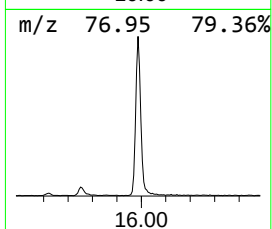
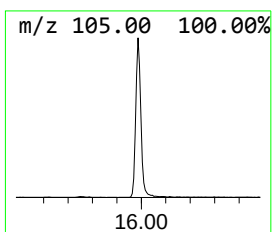
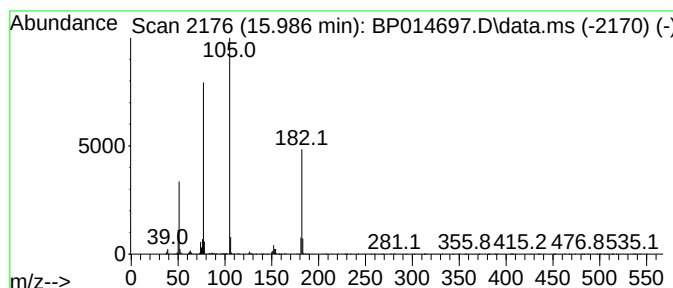
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP032823.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 2 Benzophenone Concentration Rank 1

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 15.986 | 9.37 ng/ul | 612854 | Acenaphthene-d10 | 14.622 |

| 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    |    |   | Benzophenone | 182 | C13H10O | 000119-61-9 | 89   |



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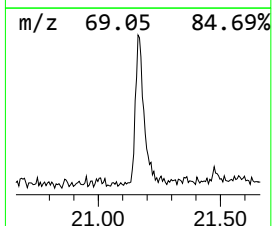
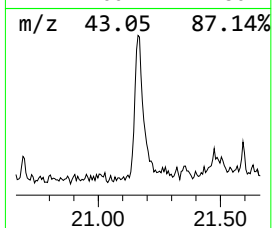
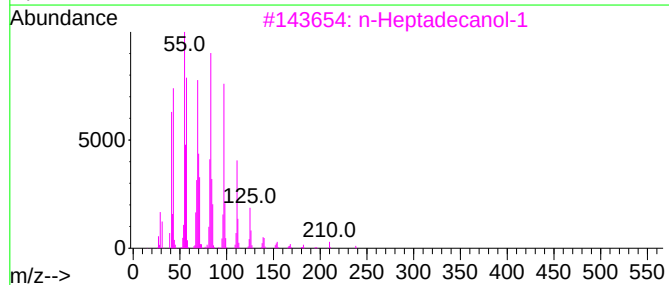
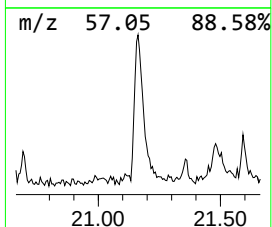
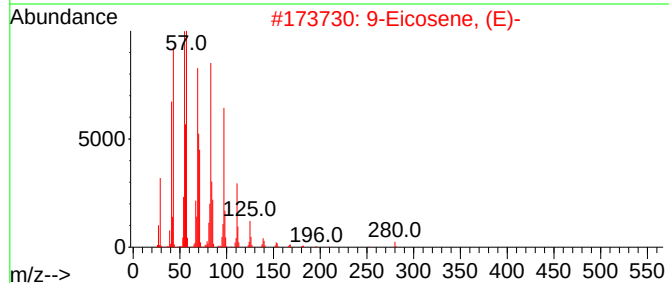
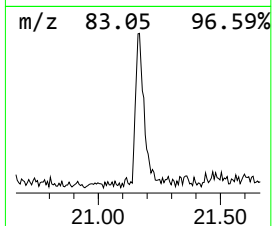
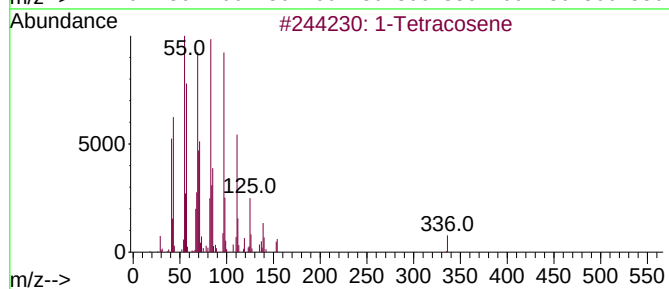
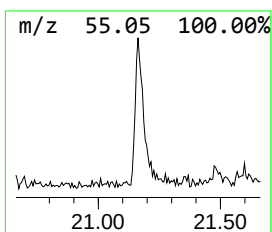
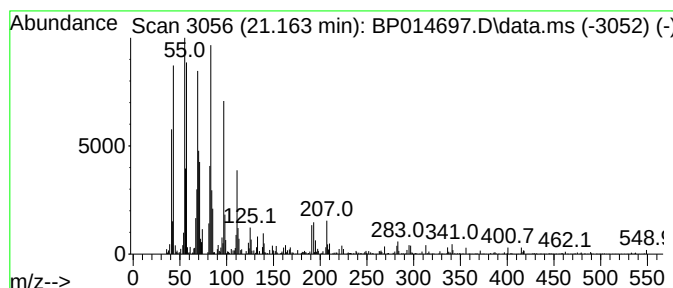
Instrument :  
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ClientSampleId :  
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Quant Title : SVOA CALIBRATION

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

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

| R.T.      | EstConc                             | Area   | Relative to ISTD |            | R.T.         |      |
|-----------|-------------------------------------|--------|------------------|------------|--------------|------|
| 21.163    | 2.10 ng/ul                          | 184446 | Chrysene-d12     |            | 21.474       |      |
| Hit# of 5 | Tentative ID                        |        | MW               | MolForm    | CAS#         | Qual |
| 1         | 1-Tetracosene                       |        | 336              | C24H48     | 010192-32-2  | 95   |
| 2         | 9-Eicosene, (E)-                    |        | 280              | C20H40     | 074685-29-3  | 94   |
| 3         | n-Heptadecanol-1                    |        | 256              | C17H36O    | 001454-85-9  | 94   |
| 4         | 1-Octadecanol                       |        | 270              | C18H38O    | 000112-92-5  | 94   |
| 5         | 3-Bromobenzoic acid, pentadecyl ... |        | 410              | C22H35BrO2 | 1000281-95-1 | 92   |



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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 |
| unknown-01         | 8.087  | 3.8     | ng/ul | 136133   | 1                     | 7.969  | 716684  | 20.0 |
| Benzophenone       | 15.986 | 9.4     | ng/ul | 612854   | 3                     | 14.622 | 1307850 | 20.0 |
| (DEL) Alkane: S... | 21.163 | 2.1     | ng/ul | 184446   | 5                     | 21.474 | 1760310 | 20.0 |