

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP040523\  
 Data File : BP014576.D  
 Acq On : 06 Apr 2023 02:42  
 Operator : CG/JU  
 Sample : 02194-02  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 BHDT9

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: BP014576.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         | 3.363       | 27            | 30          | 37           | rBV      | 26100          | 34266         | 1.01%           | 0.108%        |
| 2         | 3.852       | 110           | 113         | 116          | rBV3     | 13607          | 22830         | 0.67%           | 0.072%        |
| 3         | 4.016       | 136           | 141         | 149          | rVB2     | 13212          | 24489         | 0.72%           | 0.077%        |
| 4         | 4.116       | 154           | 158         | 164          | rBV      | 27911          | 41392         | 1.22%           | 0.130%        |
| 5         | 4.228       | 174           | 177         | 181          | rVB5     | 6421           | 8951          | 0.26%           | 0.028%        |
| 6         | 5.051       | 314           | 317         | 322          | rBV2     | 7530           | 12141         | 0.36%           | 0.038%        |
| 7         | 5.904       | 458           | 462         | 467          | rBV8     | 2552           | 4929          | 0.15%           | 0.016%        |
| 8         | 6.369       | 536           | 541         | 545          | rVV6     | 5282           | 9361          | 0.28%           | 0.029%        |
| 9         | 7.069       | 658           | 660         | 665          | rBV6     | 2229           | 3772          | 0.11%           | 0.012%        |
| 10        | 7.163       | 670           | 676         | 688          | rBV      | 53241          | 137983        | 4.06%           | 0.434%        |
| 11        | 7.310       | 696           | 701         | 715          | rBV      | 369852         | 625174        | 18.39%          | 1.968%        |
| 12        | 7.516       | 728           | 736         | 752          | rBV      | 305456         | 591074        | 17.39%          | 1.861%        |
| 13        | 7.987       | 808           | 816         | 825          | rBV      | 426285         | 735986        | 21.65%          | 2.317%        |
| 14        | 8.710       | 934           | 939         | 955          | rBV      | 202127         | 425650        | 12.52%          | 1.340%        |
| 15        | 9.163       | 1009          | 1016        | 1031         | rBV      | 463953         | 856608        | 25.20%          | 2.697%        |
| 16        | 9.528       | 1073          | 1078        | 1085         | rVB7     | 5071           | 10732         | 0.32%           | 0.034%        |
| 17        | 9.887       | 1131          | 1139        | 1163         | rBV      | 347014         | 688606        | 20.26%          | 2.168%        |
| 18        | 10.439      | 1226          | 1233        | 1249         | rBV      | 347245         | 848200        | 24.96%          | 2.670%        |
| 19        | 10.804      | 1288          | 1295        | 1311         | rBV      | 670628         | 1176475       | 34.61%          | 3.704%        |
| 20        | 10.963      | 1315          | 1322        | 1341         | rBV      | 198914         | 562993        | 16.56%          | 1.773%        |
| 21        | 12.157      | 1517          | 1525        | 1526         | rBV8     | 5060           | 8238          | 0.24%           | 0.026%        |
| 22        | 12.416      | 1564          | 1569        | 1576         | rVB4     | 7082           | 16709         | 0.49%           | 0.053%        |
| 23        | 13.245      | 1705          | 1710        | 1716         | rBV10    | 3239           | 7758          | 0.23%           | 0.024%        |
| 24        | 13.516      | 1751          | 1756        | 1763         | rVB2     | 13266          | 22769         | 0.67%           | 0.072%        |
| 25        | 14.045      | 1837          | 1846        | 1862         | rBV      | 1253880        | 1869490       | 55.00%          | 5.886%        |
| 26        | 14.145      | 1862          | 1863        | 1872         | rVB9     | 5900           | 11277         | 0.33%           | 0.036%        |
| 27        | 14.333      | 1888          | 1895        | 1915         | rBV      | 1302860        | 2077180       | 61.11%          | 6.540%        |
| 28        | 14.639      | 1939          | 1947        | 1956         | rBV      | 1116830        | 1724125       | 50.73%          | 5.428%        |
| 29        | 14.945      | 1995          | 1999        | 2003         | rBV6     | 10028          | 21627         | 0.64%           | 0.068%        |
| 30        | 15.310      | 2057          | 2061        | 2068         | rBV6     | 6636           | 11337         | 0.33%           | 0.036%        |
| 31        | 15.416      | 2076          | 2079        | 2083         | rBV3     | 6744           | 9799          | 0.29%           | 0.031%        |
| 32        | 15.451      | 2083          | 2085        | 2091         | rVB6     | 6219           | 8908          | 0.26%           | 0.028%        |
| 33        | 15.633      | 2109          | 2116        | 2131         | rBV      | 1735223        | 2634662       | 77.52%          | 8.295%        |
| 34        | 15.769      | 2133          | 2139        | 2154         | rBV      | 400332         | 747436        | 21.99%          | 2.353%        |
| 35        | 16.792      | 2310          | 2313        | 2316         | rBV5     | 2330           | 4449          | 0.13%           | 0.014%        |
| 36        | 16.827      | 2317          | 2319        | 2323         | rVB5     | 2526           | 3525          | 0.10%           | 0.011%        |

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 BHDT9

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 | 16.980 | 2342 | 2345 | 2350 | rVB7 | 5030    | 7400    | 0.22%   | 0.023%  |
| 38 | 17.398 | 2410 | 2416 | 2427 | rBV  | 1350255 | 1965675 | 57.83%  | 6.189%  |
| 39 | 17.498 | 2427 | 2433 | 2453 | rVB2 | 2068294 | 3138856 | 92.35%  | 9.882%  |
| 40 | 18.051 | 2522 | 2527 | 2532 | rBV2 | 203323  | 255653  | 7.52%   | 0.805%  |
| 41 | 18.292 | 2564 | 2568 | 2573 | rBV8 | 9235    | 21511   | 0.63%   | 0.068%  |
| 42 | 18.339 | 2574 | 2576 | 2580 | rVB  | 7550    | 8476    | 0.25%   | 0.027%  |
| 43 | 19.304 | 2737 | 2740 | 2748 | rBV4 | 28466   | 42085   | 1.24%   | 0.132%  |
| 44 | 19.380 | 2750 | 2753 | 2760 | rVB2 | 20242   | 36967   | 1.09%   | 0.116%  |
| 45 | 19.727 | 2806 | 2812 | 2828 | rBV  | 2438756 | 3398850 | 100.00% | 10.701% |
| 46 | 21.486 | 3106 | 3111 | 3122 | rBV  | 1170825 | 1890529 | 55.62%  | 5.952%  |
| 47 | 23.821 | 3502 | 3508 | 3526 | rVB2 | 1495616 | 3171693 | 93.32%  | 9.986%  |
| 48 | 23.986 | 3530 | 3536 | 3551 | rVB2 | 799765  | 1823761 | 53.66%  | 5.742%  |

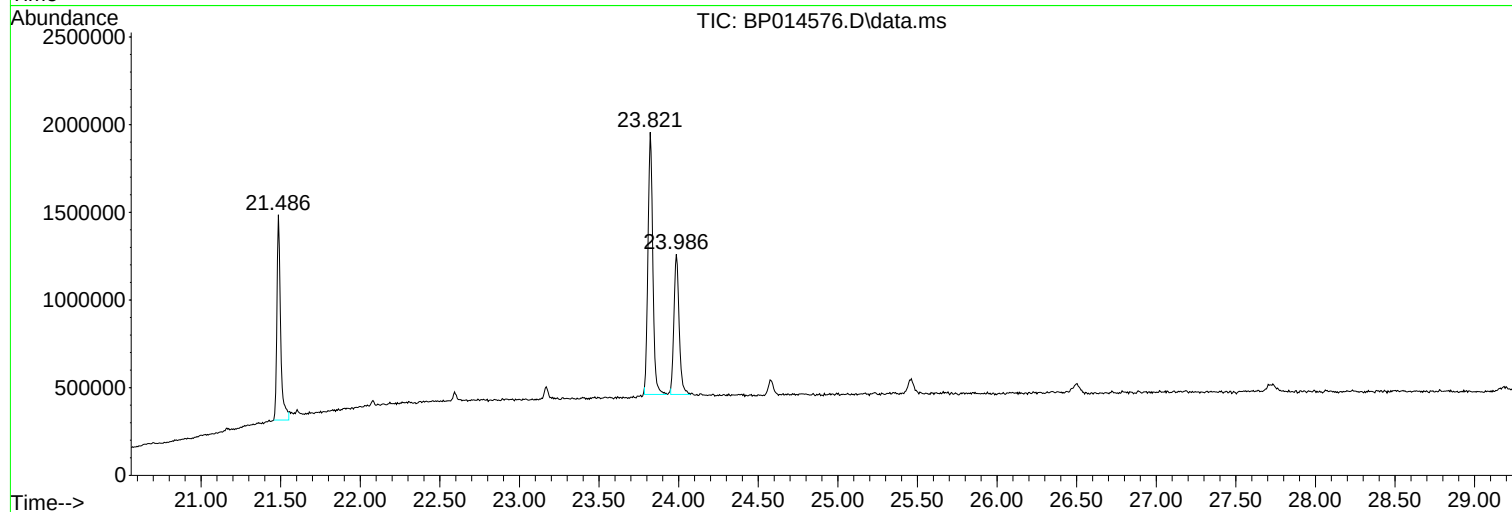
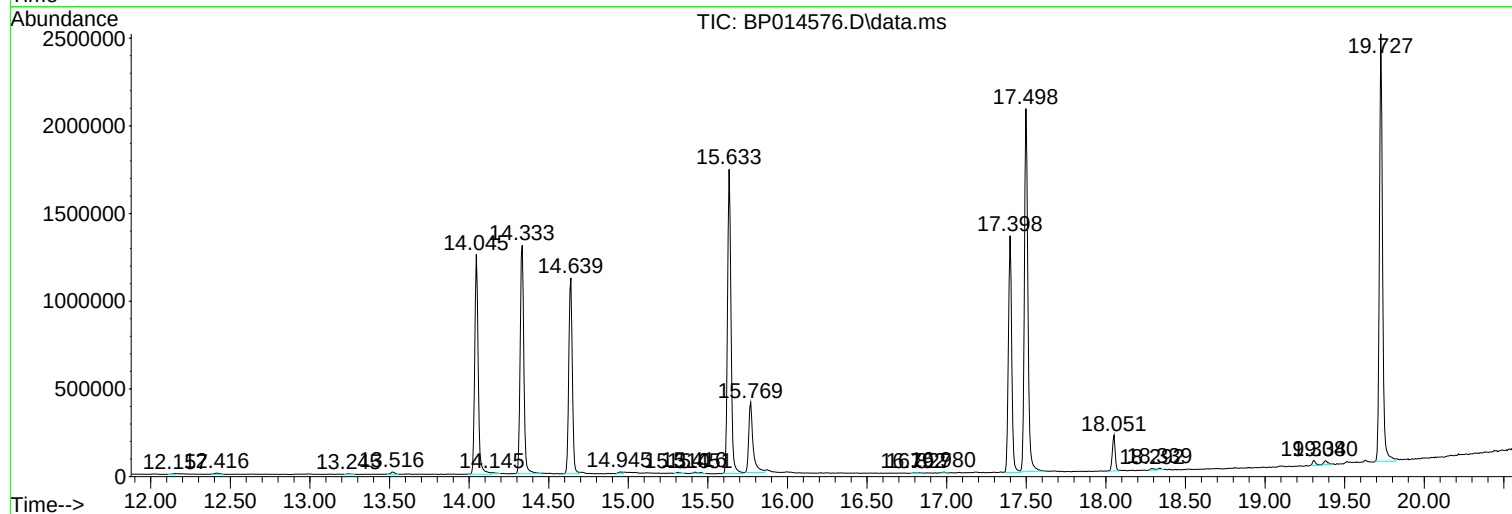
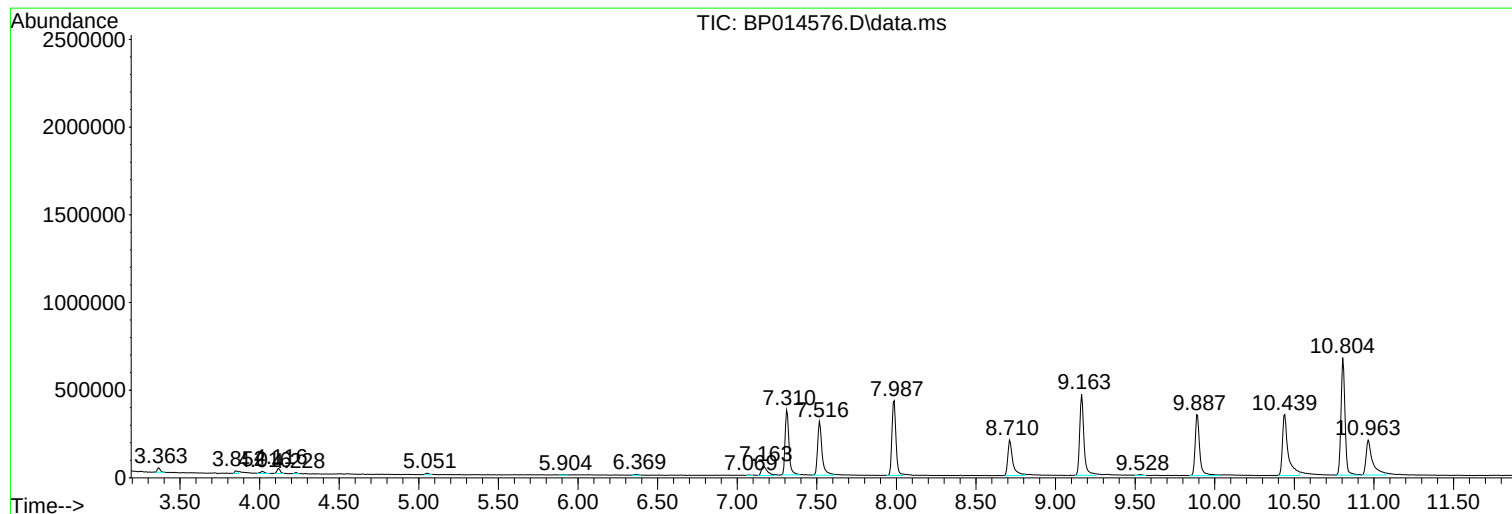
Sum of corrected areas: 31762357

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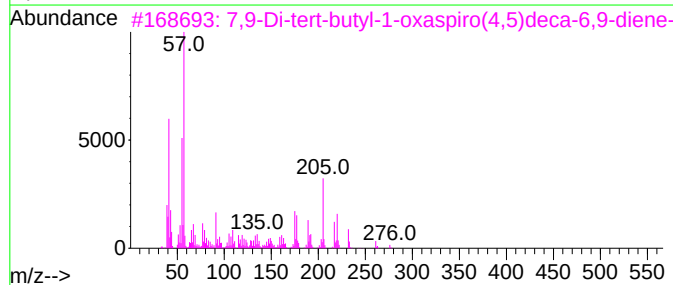
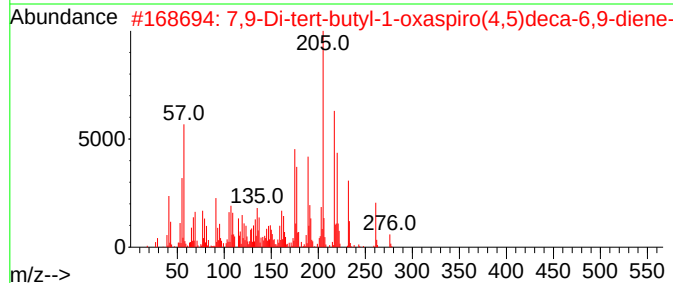
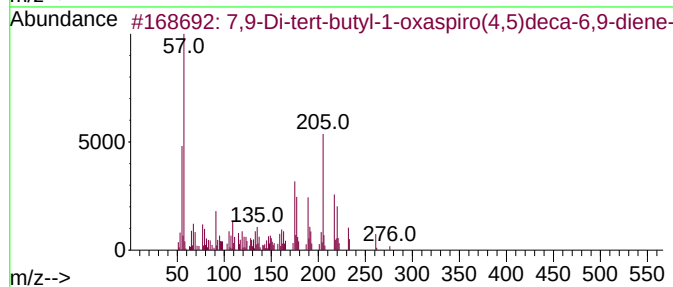
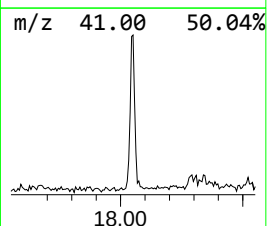
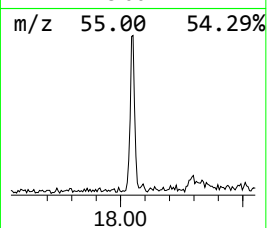
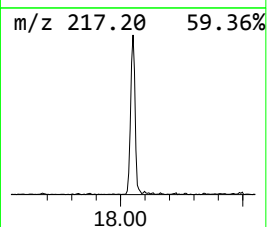
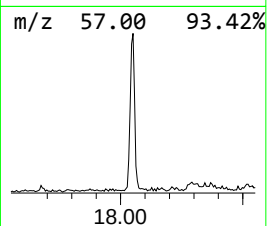
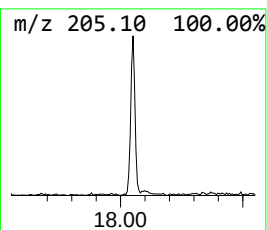
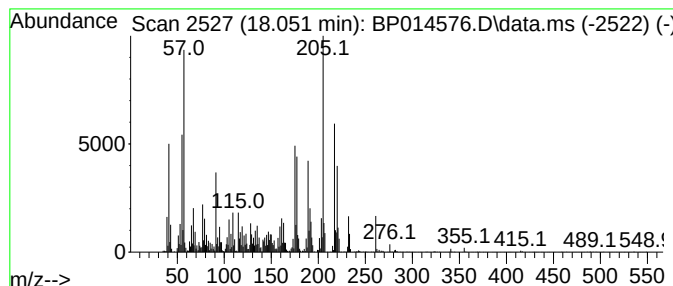
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP032823.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 1 7,9-Di-tert-butyl-1-oxaspiro... Concentration Rank 1

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 18.051 | 2.60 ng/ul | 255653 | Phenanthrene-d10 | 17.398 |

| Hit# | of                                  | 5   | Tentative ID | MW          | MolForm | CAS# | Qual |
|------|-------------------------------------|-----|--------------|-------------|---------|------|------|
| 1    | 7,9-Di-tert-butyl-1-oxaspiro(4,5... | 276 | C17H24O3     | 082304-66-3 | 96      |      |      |
| 2    | 7,9-Di-tert-butyl-1-oxaspiro(4,5... | 276 | C17H24O3     | 082304-66-3 | 91      |      |      |
| 3    | 7,9-Di-tert-butyl-1-oxaspiro(4,5... | 276 | C17H24O3     | 082304-66-3 | 90      |      |      |
| 4    | Ethanone, 1-(5,6,7,8-tetrahydro-... | 220 | C14H20O2     | 071596-88-8 | 50      |      |      |
| 5    | Ethanone, 1-(9-anthracenyl)-        | 220 | C16H12O      | 000784-04-3 | 50      |      |      |



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| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |         |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|---------|------|
|                    |        |         |       |          | #                     | RT     | Resp    | Conc |
| 7,9-Di-tert-but... | 18.051 | 2.6     | ng/u1 | 255653   | 4                     | 17.398 | 1965680 | 20.0 |