

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM112522\  
 Data File : BM037744.D  
 Acq On : 26 Nov 2022 21:47  
 Operator : CG/JU  
 Sample : N5694-02  
 Misc :  
 ALS Vial : 56 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BHB38

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\_M\Methods\SFAM-EPA-BM112322.M  
 Title : SVOA CALIBRATION

Signal : TIC: BM037744.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       | 5             | 9           | 19           | rVB      | 56466          | 91094         | 0.93%           | 0.108%        |
| 2         | 3.881       | 81            | 84          | 97           | rBV      | 262906         | 463011        | 4.71%           | 0.548%        |
| 3         | 4.110       | 120           | 123         | 133          | rVB      | 36565          | 62842         | 0.64%           | 0.074%        |
| 4         | 4.210       | 137           | 140         | 146          | rVB2     | 17420          | 26743         | 0.27%           | 0.032%        |
| 5         | 4.593       | 201           | 205         | 210          | rVB6     | 17425          | 26128         | 0.27%           | 0.031%        |
| 6         | 5.998       | 440           | 444         | 448          | rBV3     | 11219          | 14007         | 0.14%           | 0.017%        |
| 7         | 6.134       | 463           | 467         | 471          | rVB4     | 21203          | 31726         | 0.32%           | 0.038%        |
| 8         | 7.187       | 643           | 646         | 651          | rBV7     | 6913           | 11378         | 0.12%           | 0.013%        |
| 9         | 7.257       | 651           | 658         | 667          | rVB      | 652012         | 1017922       | 10.36%          | 1.204%        |
| 10        | 7.428       | 681           | 687         | 700          | rVB      | 1130081        | 1730412       | 17.60%          | 2.048%        |
| 11        | 7.634       | 714           | 722         | 730          | rBV      | 1149441        | 1776221       | 18.07%          | 2.102%        |
| 12        | 7.728       | 733           | 738         | 741          | rBV6     | 7435           | 12533         | 0.13%           | 0.015%        |
| 13        | 8.110       | 795           | 803         | 809          | rBV      | 1009998        | 1586984       | 16.15%          | 1.878%        |
| 14        | 8.163       | 809           | 812         | 820          | rVB2     | 44847          | 70821         | 0.72%           | 0.084%        |
| 15        | 8.816       | 915           | 923         | 932          | rBV      | 1200789        | 1886492       | 19.19%          | 2.232%        |
| 16        | 8.939       | 940           | 944         | 952          | rVB4     | 19977          | 31193         | 0.32%           | 0.037%        |
| 17        | 9.216       | 984           | 991         | 995          | rBV2     | 47135          | 78888         | 0.80%           | 0.093%        |
| 18        | 9.281       | 995           | 1002        | 1009         | rVV      | 1540659        | 2468356       | 25.11%          | 2.921%        |
| 19        | 9.369       | 1013          | 1017        | 1023         | rVV7     | 18779          | 37217         | 0.38%           | 0.044%        |
| 20        | 9.433       | 1023          | 1028        | 1034         | rVB6     | 13982          | 24441         | 0.25%           | 0.029%        |
| 21        | 10.004      | 1117          | 1125        | 1135         | rBV      | 687061         | 1131167       | 11.51%          | 1.338%        |
| 22        | 10.545      | 1209          | 1217        | 1225         | rBV      | 1465617        | 2442222       | 24.85%          | 2.890%        |
| 23        | 10.698      | 1238          | 1243        | 1252         | rBV      | 6369           | 15522         | 0.16%           | 0.018%        |
| 24        | 10.827      | 1260          | 1265        | 1271         | rVB3     | 20391          | 35125         | 0.36%           | 0.042%        |
| 25        | 10.933      | 1274          | 1283        | 1290         | rBV      | 1441510        | 2424832       | 24.67%          | 2.869%        |
| 26        | 10.980      | 1290          | 1291        | 1298         | rVB7     | 14822          | 14518         | 0.15%           | 0.017%        |
| 27        | 11.063      | 1298          | 1305        | 1318         | rBV      | 1684609        | 2853988       | 29.04%          | 3.377%        |
| 28        | 11.592      | 1389          | 1395        | 1400         | rBV3     | 7929           | 14067         | 0.14%           | 0.017%        |
| 29        | 11.704      | 1408          | 1414        | 1416         | rBV6     | 13081          | 19230         | 0.20%           | 0.023%        |
| 30        | 11.945      | 1451          | 1455        | 1464         | rBV9     | 3717           | 10492         | 0.11%           | 0.012%        |
| 31        | 12.092      | 1472          | 1480        | 1483         | rBV7     | 9720           | 19362         | 0.20%           | 0.023%        |
| 32        | 12.192      | 1488          | 1497        | 1504         | rVV      | 117871         | 194574        | 1.98%           | 0.230%        |
| 33        | 12.316      | 1515          | 1518        | 1523         | rVB7     | 7212           | 12013         | 0.12%           | 0.014%        |
| 34        | 12.504      | 1545          | 1550        | 1557         | rVB3     | 25735          | 40574         | 0.41%           | 0.048%        |
| 35        | 13.016      | 1633          | 1637        | 1641         | rBV6     | 10194          | 15592         | 0.16%           | 0.018%        |
| 36        | 13.098      | 1646          | 1651        | 1656         | rVV5     | 14192          | 24480         | 0.25%           | 0.029%        |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM112522\  
 Data File : BM037744.D  
 Acq On : 26 Nov 2022 21:47  
 Operator : CG/JU  
 Sample : N5694-02  
 Misc :  
 ALS Vial : 56 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BHB38

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\_M\Methods\SFAM-EPA-BM112322.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |        |         |
|----|--------|------|------|------|------|---------|---------|--------|---------|
| 37 | 13.345 | 1688 | 1693 | 1699 | rBV3 | 22617   | 38201   | 0.39%  | 0.045%  |
| 38 | 13.627 | 1736 | 1741 | 1742 | rVV3 | 17677   | 22555   | 0.23%  | 0.027%  |
| 39 | 13.657 | 1742 | 1746 | 1752 | rVV  | 35424   | 57231   | 0.58%  | 0.068%  |
| 40 | 14.057 | 1807 | 1814 | 1818 | rBV4 | 19927   | 27974   | 0.28%  | 0.033%  |
| 41 | 14.139 | 1820 | 1828 | 1834 | rBV  | 3644044 | 4917366 | 50.03% | 5.819%  |
| 42 | 14.368 | 1862 | 1867 | 1868 | rBV5 | 9823    | 11584   | 0.12%  | 0.014%  |
| 43 | 14.433 | 1871 | 1878 | 1887 | rVV  | 3843273 | 5578881 | 56.76% | 6.601%  |
| 44 | 14.515 | 1890 | 1892 | 1899 | rVB8 | 7377    | 10454   | 0.11%  | 0.012%  |
| 45 | 14.733 | 1922 | 1929 | 1937 | rBV  | 2339644 | 3379265 | 34.38% | 3.999%  |
| 46 | 14.810 | 1937 | 1942 | 1948 | rVB  | 33675   | 49142   | 0.50%  | 0.058%  |
| 47 | 14.915 | 1952 | 1960 | 1974 | rBV  | 493593  | 779429  | 7.93%  | 0.922%  |
| 48 | 15.139 | 1993 | 1998 | 2003 | rVB7 | 24310   | 37910   | 0.39%  | 0.045%  |
| 49 | 15.515 | 2057 | 2062 | 2069 | rBV3 | 22514   | 36845   | 0.37%  | 0.044%  |
| 50 | 15.721 | 2088 | 2097 | 2105 | rBV  | 5278106 | 7297814 | 74.25% | 8.635%  |
| 51 | 15.827 | 2109 | 2115 | 2126 | rBV  | 140442  | 218316  | 2.22%  | 0.258%  |
| 52 | 15.957 | 2133 | 2137 | 2142 | rVB  | 36984   | 50504   | 0.51%  | 0.060%  |
| 53 | 16.009 | 2142 | 2146 | 2151 | rVB6 | 14247   | 19535   | 0.20%  | 0.023%  |
| 54 | 16.080 | 2152 | 2158 | 2162 | rBV3 | 25090   | 36860   | 0.38%  | 0.044%  |
| 55 | 16.292 | 2189 | 2194 | 2197 | rBV8 | 10901   | 16565   | 0.17%  | 0.020%  |
| 56 | 16.415 | 2209 | 2215 | 2218 | rBV8 | 5887    | 12488   | 0.13%  | 0.015%  |
| 57 | 16.498 | 2225 | 2229 | 2233 | rBV5 | 9264    | 13535   | 0.14%  | 0.016%  |
| 58 | 16.933 | 2299 | 2303 | 2305 | rBV4 | 8376    | 11182   | 0.11%  | 0.013%  |
| 59 | 17.056 | 2320 | 2324 | 2328 | rVB6 | 11898   | 18262   | 0.19%  | 0.022%  |
| 60 | 17.145 | 2336 | 2339 | 2343 | rVB5 | 10032   | 10976   | 0.11%  | 0.013%  |
| 61 | 17.204 | 2347 | 2349 | 2355 | rBV7 | 8053    | 15944   | 0.16%  | 0.019%  |
| 62 | 17.256 | 2355 | 2358 | 2361 | rBV4 | 10113   | 10161   | 0.10%  | 0.012%  |
| 63 | 17.468 | 2388 | 2394 | 2401 | rBV  | 2808341 | 4009170 | 40.79% | 4.744%  |
| 64 | 17.568 | 2405 | 2411 | 2421 | rVV  | 6063849 | 8610600 | 87.60% | 10.189% |
| 65 | 17.651 | 2422 | 2425 | 2434 | rVV8 | 36965   | 65414   | 0.67%  | 0.077%  |
| 66 | 17.745 | 2437 | 2441 | 2445 | rVB2 | 14324   | 21564   | 0.22%  | 0.026%  |
| 67 | 17.839 | 2454 | 2457 | 2464 | rVB7 | 10590   | 20722   | 0.21%  | 0.025%  |
| 68 | 18.133 | 2501 | 2507 | 2512 | rBV  | 650387  | 839385  | 8.54%  | 0.993%  |
| 69 | 18.345 | 2539 | 2543 | 2548 | rBV6 | 24250   | 37115   | 0.38%  | 0.044%  |
| 70 | 18.427 | 2553 | 2557 | 2564 | rVB2 | 27378   | 44516   | 0.45%  | 0.053%  |
| 71 | 18.603 | 2585 | 2587 | 2590 | rBV3 | 10739   | 9970    | 0.10%  | 0.012%  |
| 72 | 18.845 | 2624 | 2628 | 2633 | rBV7 | 16331   | 28656   | 0.29%  | 0.034%  |
| 73 | 19.415 | 2721 | 2725 | 2731 | rBV3 | 66480   | 89342   | 0.91%  | 0.106%  |
| 74 | 19.486 | 2732 | 2737 | 2741 | rBV  | 63501   | 96892   | 0.99%  | 0.115%  |
| 75 | 19.521 | 2741 | 2743 | 2748 | rVB5 | 22296   | 24527   | 0.25%  | 0.029%  |
| 76 | 19.609 | 2756 | 2758 | 2761 | rBV4 | 16390   | 15492   | 0.16%  | 0.018%  |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM112522\  
 Data File : BM037744.D  
 Acq On : 26 Nov 2022 21:47  
 Operator : CG/JU  
 Sample : N5694-02  
 Misc :  
 ALS Vial : 56 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BHB38

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\_M\Methods\SFAM-EPA-BM112322.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |         |         |
|----|--------|------|------|------|------|---------|---------|---------|---------|
| 77 | 19.756 | 2781 | 2783 | 2788 | rVB3 | 39121   | 43864   | 0.45%   | 0.052%  |
| 78 | 19.850 | 2793 | 2799 | 2809 | rVV  | 7743091 | 9829152 | 100.00% | 11.631% |
| 79 | 20.821 | 2962 | 2964 | 2967 | rVB2 | 71831   | 67494   | 0.69%   | 0.080%  |
| 80 | 21.633 | 3097 | 3102 | 3108 | rBV  | 3288290 | 4421606 | 44.98%  | 5.232%  |
| 81 | 22.762 | 3291 | 3294 | 3302 | rVB2 | 214270  | 301528  | 3.07%   | 0.357%  |
| 82 | 23.968 | 3491 | 3499 | 3513 | rVB2 | 4286098 | 8761699 | 89.14%  | 10.368% |
| 83 | 24.127 | 3519 | 3526 | 3536 | rVB2 | 1842365 | 3776424 | 38.42%  | 4.469%  |

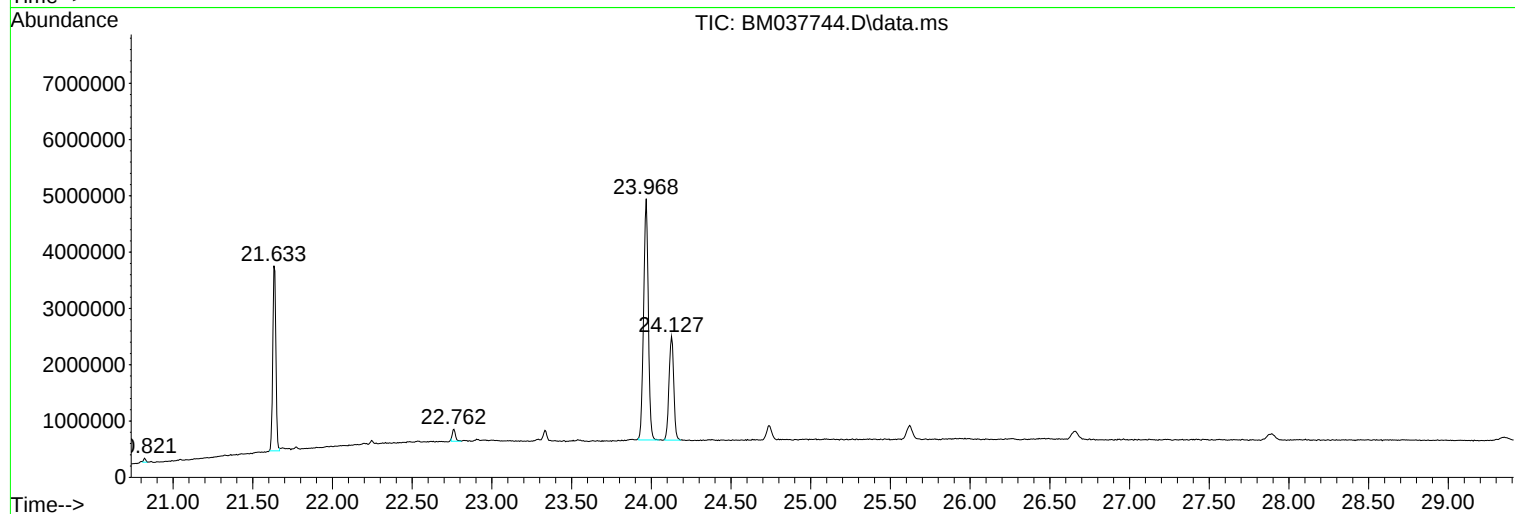
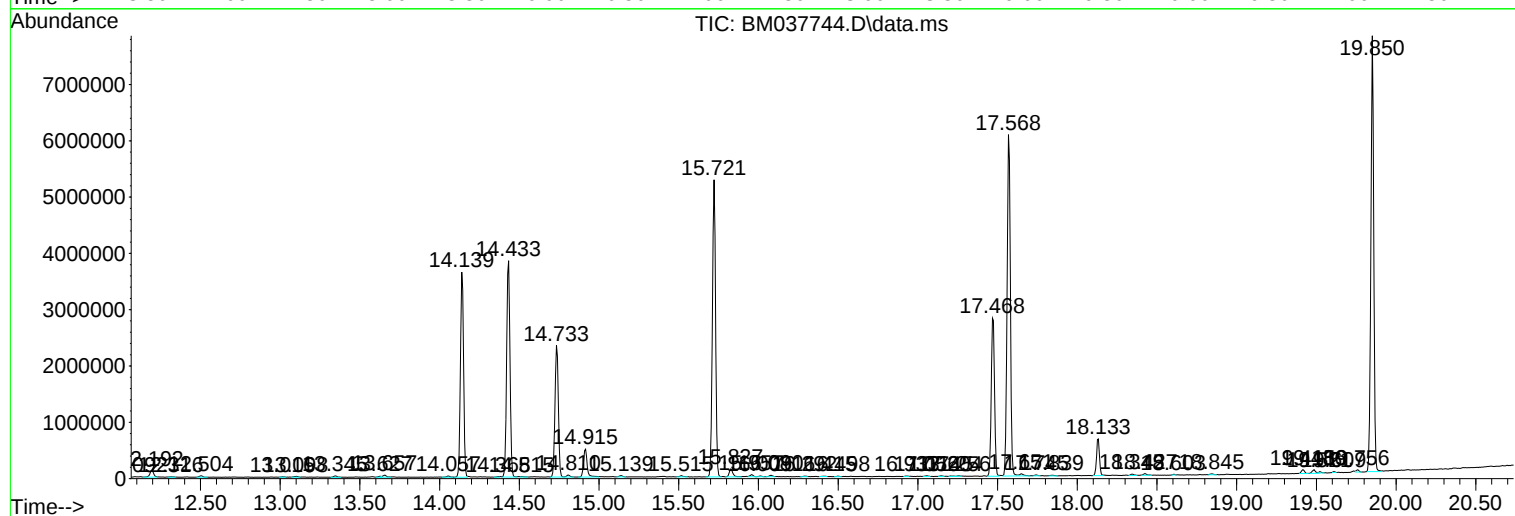
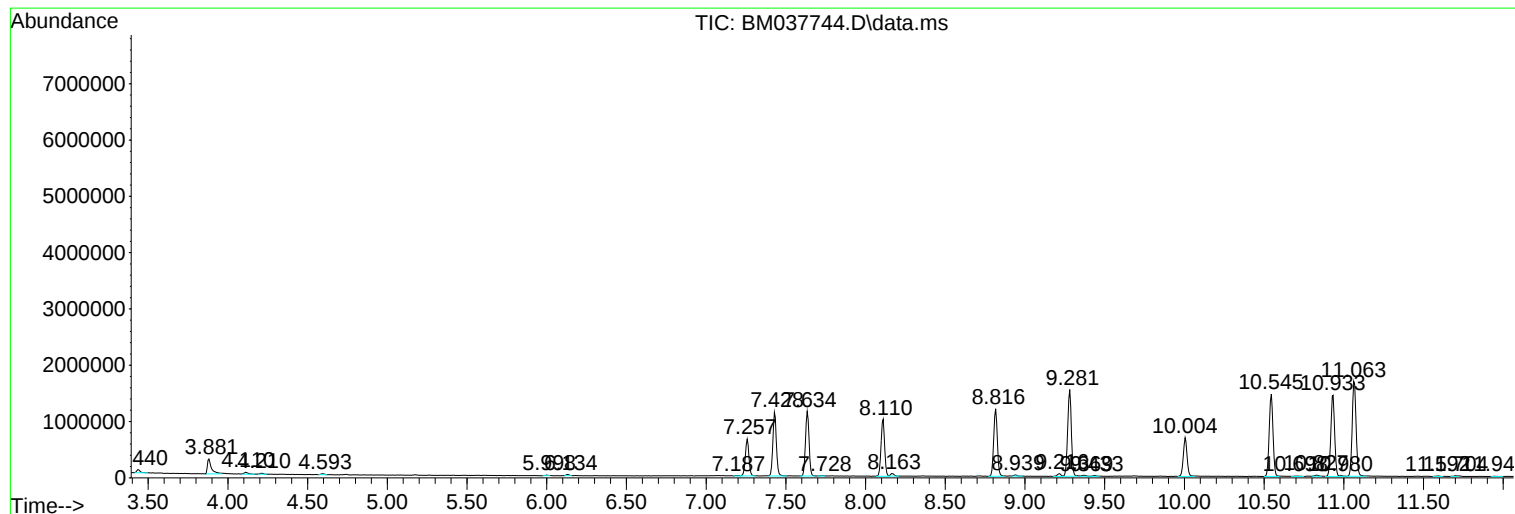
Sum of corrected areas: 84510278

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM112522\  
Data File : BM037744.D  
Acq On : 26 Nov 2022 21:47  
Operator : CG/JU  
Sample : N5694-02  
Misc :  
ALS Vial : 56 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
BHB38

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM112322.M  
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM112522\  
Data File : BM037744.D  
Acq On : 26 Nov 2022 21:47  
Operator : CG/JU  
Sample : N5694-02  
Misc :  
ALS Vial : 56 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
BHB38

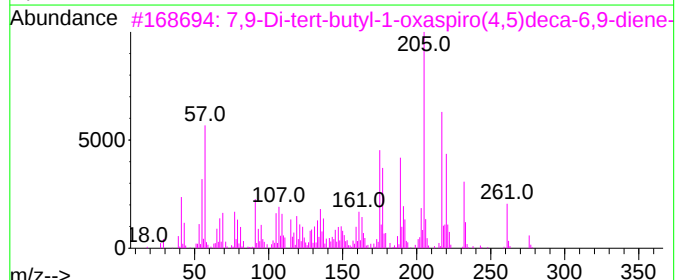
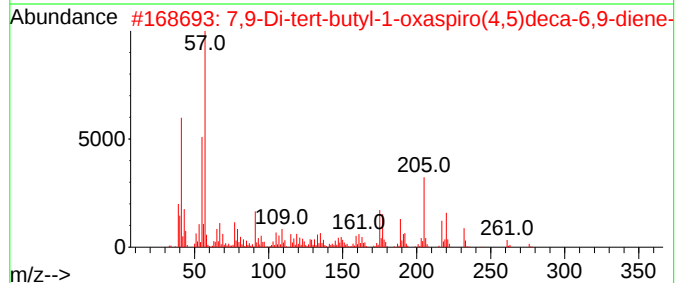
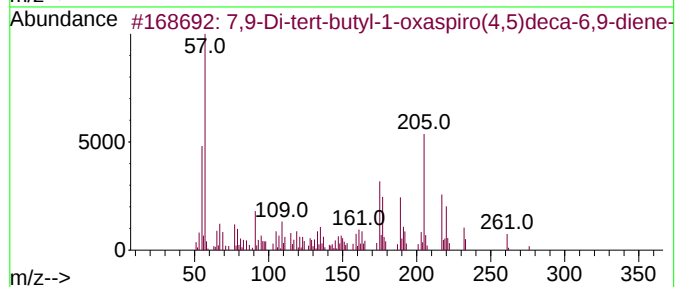
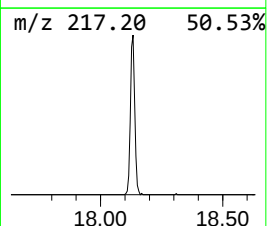
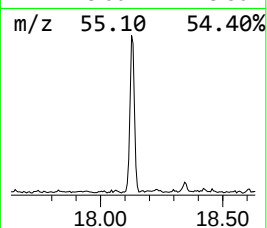
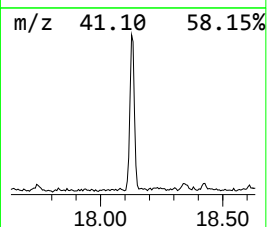
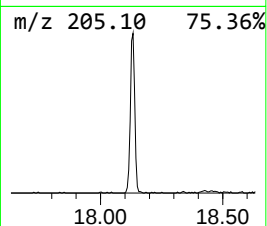
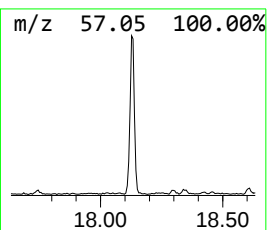
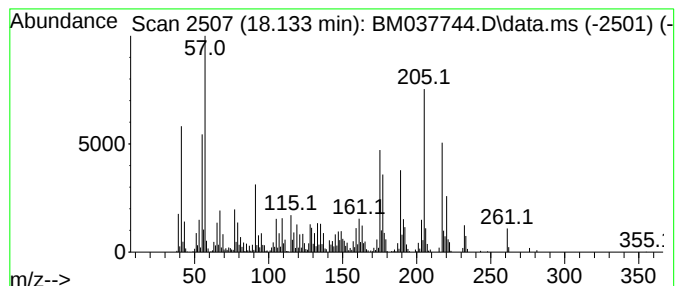
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM112322.M  
Quant Title : SVOA CALIBRATION

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

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

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 18.133 | 4.19 ng/ul | 839385 | Phenanthrene-d10 | 17.468 |

| Hit# | of                                  | 5   | Tentative ID | MW          | MolForm | CAS# | Qual |
|------|-------------------------------------|-----|--------------|-------------|---------|------|------|
| 1    | 7,9-Di-tert-butyl-1-oxaspiro(4,5... | 276 | C17H24O3     | 082304-66-3 | 99      |      |      |
| 2    | 7,9-Di-tert-butyl-1-oxaspiro(4,5... | 276 | C17H24O3     | 082304-66-3 | 95      |      |      |
| 3    | 7,9-Di-tert-butyl-1-oxaspiro(4,5... | 276 | C17H24O3     | 082304-66-3 | 72      |      |      |
| 4    | (1R,3aR,5aR,9aS)-1,4,4,7-Tetrame... | 220 | C15H24O      | 104188-25-2 | 64      |      |      |
| 5    | Ethanone, 1-(5,6,7,8-tetrahydro...  | 220 | C14H20O2     | 071596-88-8 | 50      |      |      |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM112522\  
Data File : BM037744.D  
Acq On : 26 Nov 2022 21:47  
Operator : CG/JU  
Sample : N5694-02  
Misc :  
ALS Vial : 56 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
BHB38

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM112322.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 |
| 7,9-Di-tert-but... | 18.133 | 4.2     | ng/u1 | 839385   | 4                     | 17.468 | 4009170 | 20.0 |