

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP031023\  
 Data File : BP014053.D  
 Acq On : 11 Mar 2023 04:39  
 Operator : CG/JU  
 Sample : 01804-11  
 Misc :  
 ALS Vial : 34 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 C0AB0

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: BP014053.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         | 3.434       | 38            | 42          | 52           | rVB      | 30100          | 46574         | 0.89%           | 0.105%        |
| 2         | 3.875       | 114           | 117         | 134          | rBV      | 104085         | 200518        | 3.85%           | 0.452%        |
| 3         | 4.099       | 150           | 155         | 159          | rVB      | 15954          | 25201         | 0.48%           | 0.057%        |
| 4         | 4.199       | 166           | 172         | 180          | rBV      | 54110          | 84905         | 1.63%           | 0.192%        |
| 5         | 4.299       | 183           | 189         | 195          | rBV5     | 8504           | 15584         | 0.30%           | 0.035%        |
| 6         | 5.134       | 327           | 331         | 339          | rBV2     | 9918           | 16744         | 0.32%           | 0.038%        |
| 7         | 6.446       | 546           | 554         | 559          | rBV4     | 8162           | 14775         | 0.28%           | 0.033%        |
| 8         | 7.228       | 681           | 687         | 697          | rBV      | 134793         | 231009        | 4.44%           | 0.521%        |
| 9         | 7.393       | 709           | 715         | 729          | rBV      | 491636         | 767459        | 14.75%          | 1.731%        |
| 10        | 7.599       | 742           | 750         | 761          | rBV      | 491164         | 808003        | 15.53%          | 1.823%        |
| 11        | 8.075       | 823           | 831         | 839          | rBV      | 504093         | 836943        | 16.08%          | 1.888%        |
| 12        | 8.128       | 839           | 840         | 846          | rVB5     | 7115           | 8966          | 0.17%           | 0.020%        |
| 13        | 8.781       | 943           | 951         | 965          | rBV      | 409133         | 701496        | 13.48%          | 1.583%        |
| 14        | 8.916       | 968           | 974         | 981          | rVB6     | 5279           | 12352         | 0.24%           | 0.028%        |
| 15        | 9.246       | 1023          | 1030        | 1046         | rBV      | 624203         | 1052660       | 20.23%          | 2.375%        |
| 16        | 9.634       | 1093          | 1096        | 1102         | rVB6     | 5542           | 7400          | 0.14%           | 0.017%        |
| 17        | 9.975       | 1143          | 1154        | 1164         | rBV      | 509789         | 893116        | 17.16%          | 2.015%        |
| 18        | 10.510      | 1238          | 1245        | 1264         | rBV      | 703206         | 1256181       | 24.14%          | 2.834%        |
| 19        | 10.898      | 1303          | 1311        | 1325         | rVB      | 746325         | 1259319       | 24.20%          | 2.841%        |
| 20        | 11.034      | 1325          | 1334        | 1358         | rBV      | 633443         | 1143557       | 21.98%          | 2.580%        |
| 21        | 12.134      | 1516          | 1521        | 1526         | rBV7     | 7132           | 11685         | 0.22%           | 0.026%        |
| 22        | 12.193      | 1526          | 1531        | 1540         | rVV6     | 12375          | 31601         | 0.61%           | 0.071%        |
| 23        | 12.481      | 1574          | 1580        | 1586         | rBV3     | 11995          | 22351         | 0.43%           | 0.050%        |
| 24        | 12.992      | 1663          | 1667        | 1673         | rBV5     | 7542           | 12538         | 0.24%           | 0.028%        |
| 25        | 13.069      | 1673          | 1680        | 1686         | rVV6     | 5417           | 10215         | 0.20%           | 0.023%        |
| 26        | 13.316      | 1716          | 1722        | 1724         | rBV3     | 11675          | 17402         | 0.33%           | 0.039%        |
| 27        | 13.334      | 1724          | 1725        | 1731         | rVB      | 12332          | 14849         | 0.29%           | 0.033%        |
| 28        | 13.592      | 1766          | 1769        | 1775         | rVB6     | 3810           | 5882          | 0.11%           | 0.013%        |
| 29        | 14.116      | 1851          | 1858        | 1870         | rBV      | 1626586        | 2261093       | 43.45%          | 5.101%        |
| 30        | 14.410      | 1900          | 1908        | 1917         | rBV      | 1649791        | 2498903       | 48.02%          | 5.638%        |
| 31        | 14.710      | 1948          | 1959        | 1968         | rBV      | 1248063        | 1884998       | 36.22%          | 4.253%        |
| 32        | 14.916      | 1988          | 1994        | 2015         | rBV2     | 81120          | 228675        | 4.39%           | 0.516%        |
| 33        | 15.134      | 2025          | 2031        | 2038         | rVB2     | 7306           | 16025         | 0.31%           | 0.036%        |
| 34        | 15.381      | 2065          | 2073        | 2082         | rVB2     | 18863          | 33943         | 0.65%           | 0.077%        |
| 35        | 15.504      | 2088          | 2094        | 2103         | rVB7     | 8318           | 21357         | 0.41%           | 0.048%        |
| 36        | 15.651      | 2114          | 2119        | 2121         | rBV6     | 3233           | 5305          | 0.10%           | 0.012%        |

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Integration Parameters: LSCINT.P

Integrator: RTE

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Start Thrs: 0.2

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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 | 15.704 | 2121 | 2128 | 2140 | rVV  | 2398059 | 3380117 | 64.95%  | 7.626%  |
| 38 | 15.822 | 2140 | 2148 | 2162 | rVV  | 869671  | 1247597 | 23.97%  | 2.815%  |
| 39 | 15.939 | 2165 | 2168 | 2175 | rVB3 | 10310   | 18222   | 0.35%   | 0.041%  |
| 40 | 16.069 | 2186 | 2190 | 2193 | rBV5 | 3921    | 6561    | 0.13%   | 0.015%  |
| 41 | 16.910 | 2330 | 2333 | 2337 | rBV5 | 4558    | 6191    | 0.12%   | 0.014%  |
| 42 | 17.045 | 2354 | 2356 | 2361 | rVB5 | 5649    | 6633    | 0.13%   | 0.015%  |
| 43 | 17.139 | 2370 | 2372 | 2377 | rVB6 | 4366    | 5408    | 0.10%   | 0.012%  |
| 44 | 17.410 | 2414 | 2418 | 2421 | rBV3 | 3890    | 6270    | 0.12%   | 0.014%  |
| 45 | 17.469 | 2421 | 2428 | 2437 | rVV  | 1670836 | 2408454 | 46.28%  | 5.433%  |
| 46 | 17.569 | 2438 | 2445 | 2457 | rVV  | 3010590 | 4235018 | 81.38%  | 9.554%  |
| 47 | 17.651 | 2457 | 2459 | 2465 | rVB6 | 5600    | 7848    | 0.15%   | 0.018%  |
| 48 | 17.733 | 2471 | 2473 | 2477 | rVB2 | 7160    | 8168    | 0.16%   | 0.018%  |
| 49 | 18.116 | 2532 | 2538 | 2547 | rBV  | 319749  | 396958  | 7.63%   | 0.896%  |
| 50 | 18.275 | 2562 | 2565 | 2570 | rBV7 | 5018    | 8004    | 0.15%   | 0.018%  |
| 51 | 18.327 | 2570 | 2574 | 2580 | rBV9 | 14634   | 29046   | 0.56%   | 0.066%  |
| 52 | 18.398 | 2583 | 2586 | 2590 | rVV  | 14130   | 14383   | 0.28%   | 0.032%  |
| 53 | 18.575 | 2613 | 2616 | 2621 | rBV6 | 9275    | 12206   | 0.23%   | 0.028%  |
| 54 | 18.816 | 2655 | 2657 | 2664 | rVB8 | 6920    | 10262   | 0.20%   | 0.023%  |
| 55 | 19.363 | 2746 | 2750 | 2756 | rBV2 | 42033   | 59526   | 1.14%   | 0.134%  |
| 56 | 19.433 | 2758 | 2762 | 2769 | rVV3 | 38561   | 59187   | 1.14%   | 0.134%  |
| 57 | 19.686 | 2802 | 2805 | 2810 | rVB7 | 16291   | 22051   | 0.42%   | 0.050%  |
| 58 | 19.786 | 2816 | 2822 | 2831 | rBV  | 3854287 | 5203827 | 100.00% | 11.740% |
| 59 | 21.545 | 3115 | 3121 | 3127 | rBV  | 2142767 | 2920674 | 56.13%  | 6.589%  |
| 60 | 23.915 | 3516 | 3524 | 3533 | rVB2 | 2471532 | 5122065 | 98.43%  | 11.555% |
| 61 | 24.080 | 3545 | 3552 | 3560 | rVB2 | 1297941 | 2671888 | 51.34%  | 6.028%  |

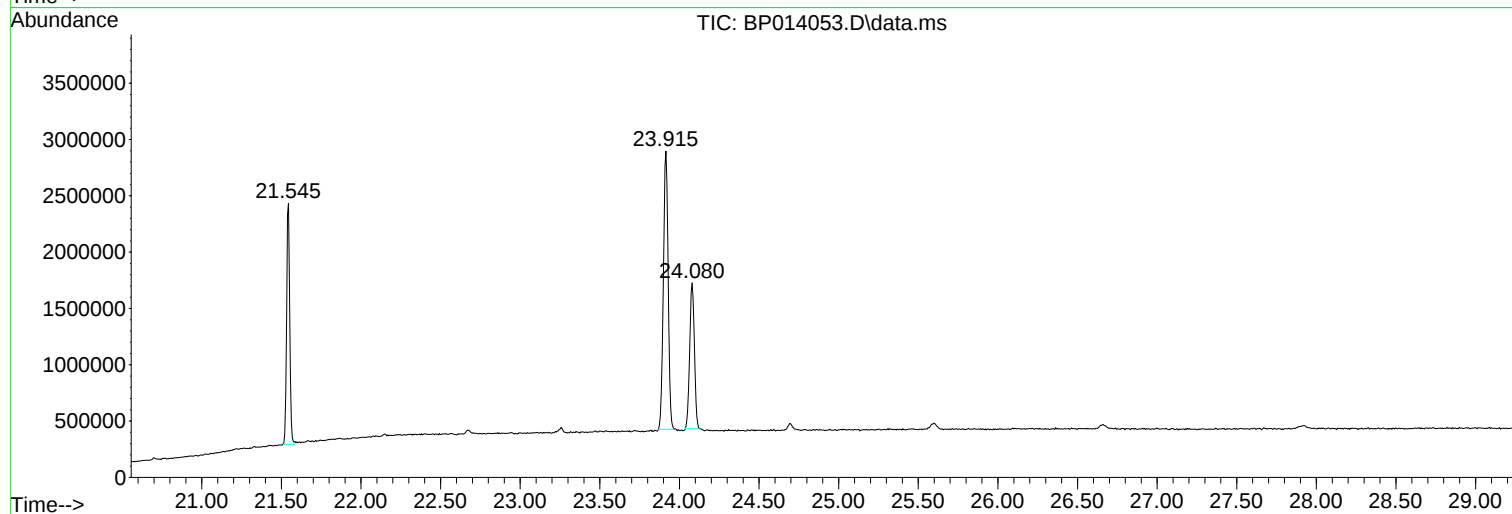
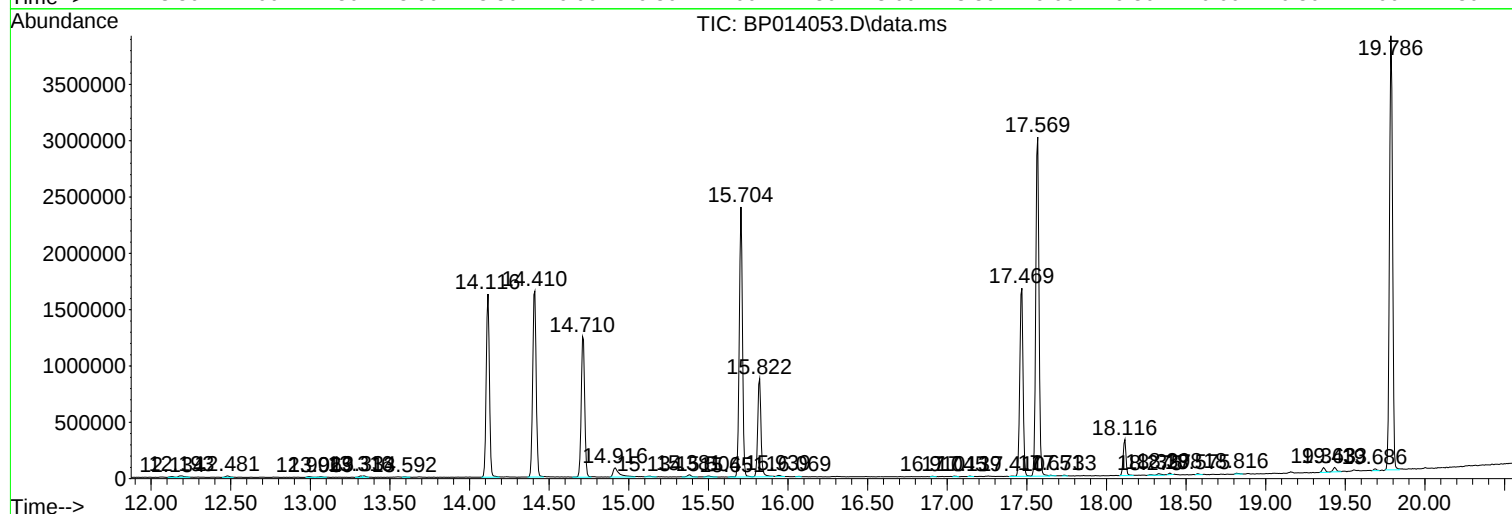
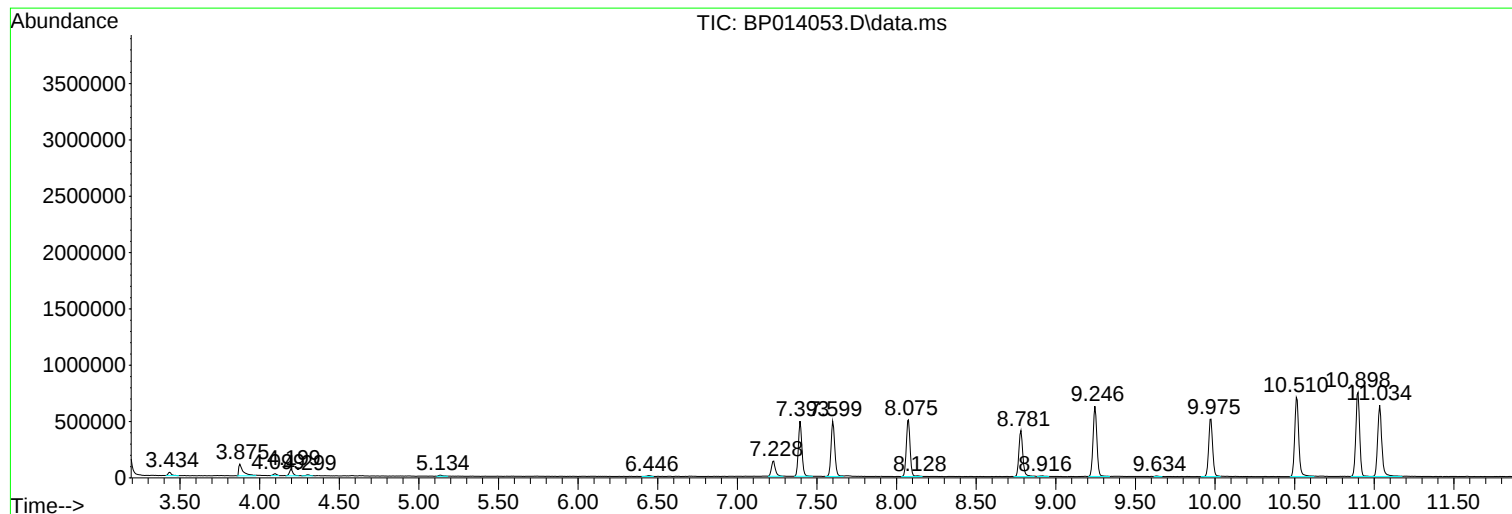
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Instrument :  
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C0AB0

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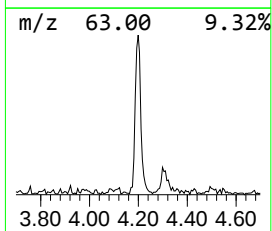
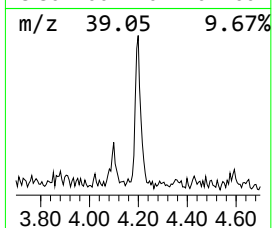
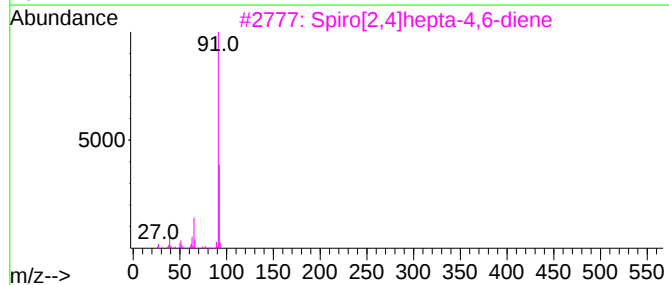
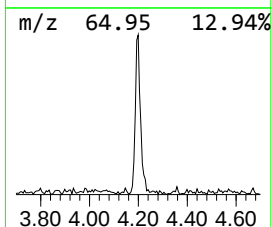
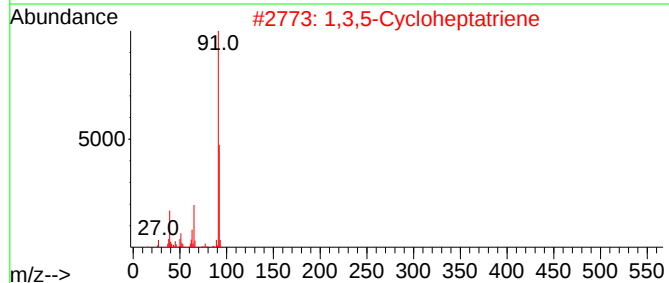
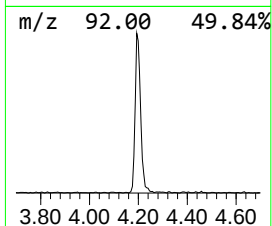
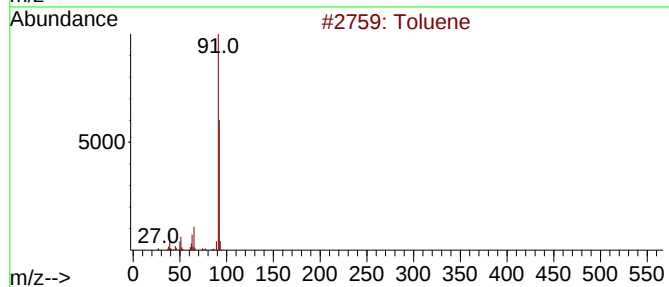
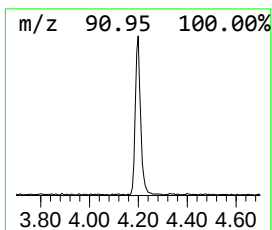
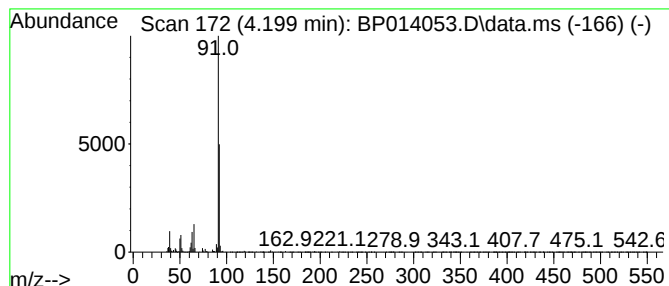
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP030723.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 1 Toluene Concentration Rank 2

| R.T.  | EstConc    | Area  | Relative to ISTD       | R.T.  |
|-------|------------|-------|------------------------|-------|
| 4.199 | 2.03 ng/ul | 84905 | 1,4-Dichlorobenzene-d4 | 8.075 |

| Hit# | of | 5 | Tentative ID              | MW | MolForm | CAS#        | Qual |
|------|----|---|---------------------------|----|---------|-------------|------|
| 1    |    |   | Toluene                   | 92 | C7H8    | 000108-88-3 | 90   |
| 2    |    |   | 1,3,5-Cycloheptatriene    | 92 | C7H8    | 000544-25-2 | 90   |
| 3    |    |   | Spiro[2,4]hepta-4,6-diene | 92 | C7H8    | 000765-46-8 | 90   |
| 4    |    |   | 1,3,5-Cycloheptatriene    | 92 | C7H8    | 000544-25-2 | 90   |
| 5    |    |   | Toluene                   | 92 | C7H8    | 000108-88-3 | 87   |



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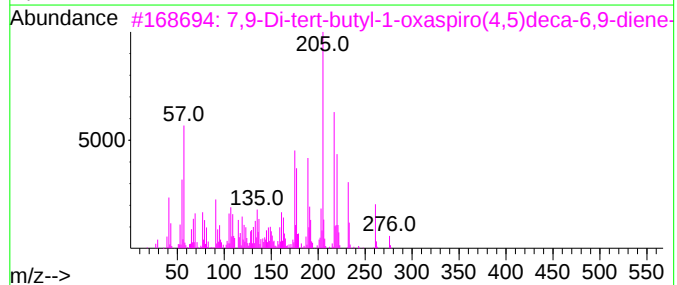
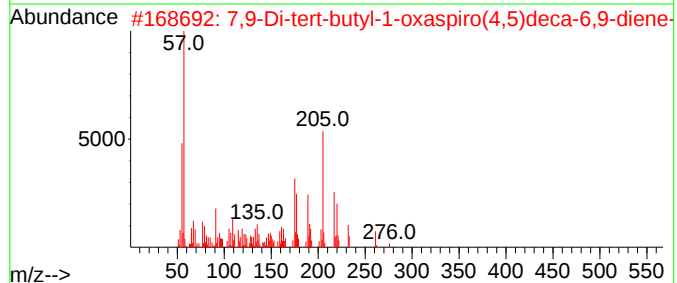
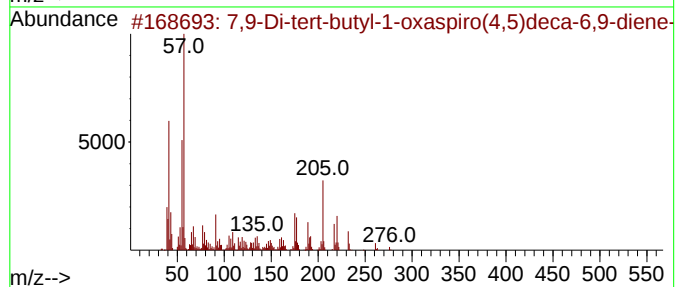
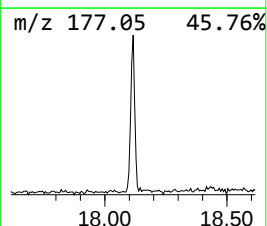
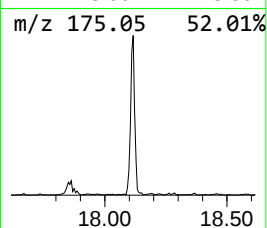
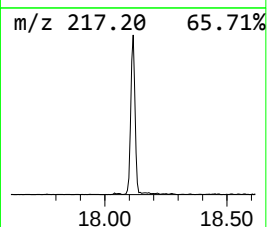
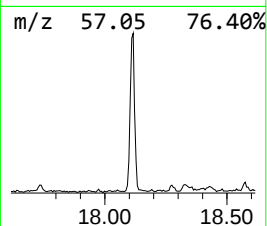
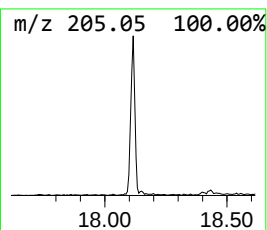
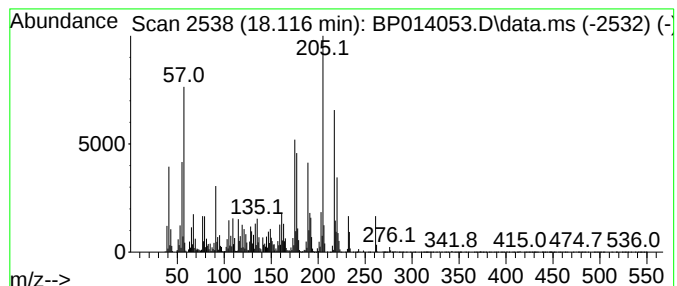
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Quant Title : SVOA CALIBRATION

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

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Peak Number 2 7,9-Di-tert-butyl-1-oxaspiro... Concentration Rank 1

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 18.116 | 3.30 ng/ul | 396958 | Phenanthrene-d10 | 17.469 |

| 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 | 93      |      |      |
| 3    | 7,9-Di-tert-butyl-1-oxaspiro(4,5... | 276 | C17H24O3     | 082304-66-3 | 80      |      |      |
| 4    | Ethanone, 1-(5,6,7,8-tetrahydro-... | 220 | C14H20O2     | 071596-88-8 | 45      |      |      |
| 5    | 1-(3-Amino-4,6-dimethylthieno[2,... | 220 | C11H12N2OS   | 052505-42-7 | 45      |      |      |



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

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |         |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|---------|------|
|                    |        |         |       |          | #                     | RT     | Resp    | Conc |
| Toluene            | 4.199  | 2.0     | ng/u1 | 84905    | 1                     | 8.075  | 836943  | 20.0 |
| 7,9-Di-tert-but... | 18.116 | 3.3     | ng/u1 | 396958   | 4                     | 17.469 | 2408450 | 20.0 |