

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM010824\  
 Data File : BM043795.D  
 Acq On : 08 Jan 2024 13:47  
 Operator : MA/JU  
 Sample : 05953-12DL 10X  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 GCFB4DL

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-BM121523.MA.M  
 Title : SVOA CALIBRATION

Signal : TIC: BM043795.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         | 4.099       | 152           | 155         | 160          | rVB      | 20420          | 25754         | 0.65%           | 0.097%        |
| 2         | 6.151       | 499           | 504         | 506          | rBV6     | 4336           | 5115          | 0.13%           | 0.019%        |
| 3         | 6.434       | 549           | 552         | 555          | rBV5     | 7849           | 10684         | 0.27%           | 0.040%        |
| 4         | 6.599       | 577           | 580         | 581          | rBV3     | 4738           | 5040          | 0.13%           | 0.019%        |
| 5         | 6.946       | 638           | 639         | 644          | rBV5     | 3361           | 4390          | 0.11%           | 0.016%        |
| 6         | 7.128       | 665           | 670         | 679          | rBV      | 53487          | 125197        | 3.14%           | 0.470%        |
| 7         | 7.234       | 684           | 688         | 693          | rVV      | 28240          | 41795         | 1.05%           | 0.157%        |
| 8         | 7.293       | 693           | 698         | 711          | rVB      | 61452          | 108906        | 2.73%           | 0.408%        |
| 9         | 7.481       | 723           | 730         | 741          | rBV      | 69780          | 135685        | 3.40%           | 0.509%        |
| 10        | 7.945       | 800           | 809         | 820          | rBV      | 1128750        | 1902900       | 47.73%          | 7.136%        |
| 11        | 8.157       | 840           | 845         | 852          | rBV8     | 12357          | 22127         | 0.55%           | 0.083%        |
| 12        | 8.422       | 889           | 890         | 895          | rBV5     | 3634           | 4276          | 0.11%           | 0.016%        |
| 13        | 8.681       | 927           | 934         | 941          | rBV2     | 52636          | 108660        | 2.73%           | 0.408%        |
| 14        | 9.140       | 1006          | 1012        | 1018         | rBV      | 56696          | 114376        | 2.87%           | 0.429%        |
| 15        | 9.851       | 1125          | 1133        | 1146         | rBV2     | 40238          | 101073        | 2.54%           | 0.379%        |
| 16        | 10.422      | 1224          | 1230        | 1244         | rBV2     | 41477          | 134214        | 3.37%           | 0.503%        |
| 17        | 10.757      | 1279          | 1287        | 1305         | rBV      | 1338126        | 2512198       | 63.01%          | 9.422%        |
| 18        | 10.957      | 1315          | 1321        | 1327         | rBV9     | 10679          | 24129         | 0.61%           | 0.090%        |
| 19        | 11.157      | 1353          | 1355        | 1358         | rBV4     | 3319           | 4327          | 0.11%           | 0.016%        |
| 20        | 11.922      | 1481          | 1485        | 1488         | rBV6     | 2719           | 5121          | 0.13%           | 0.019%        |
| 21        | 11.975      | 1490          | 1494        | 1500         | rVB8     | 3383           | 6667          | 0.17%           | 0.025%        |
| 22        | 12.110      | 1514          | 1517        | 1520         | rBV5     | 3576           | 4864          | 0.12%           | 0.018%        |
| 23        | 12.239      | 1536          | 1539        | 1543         | rBV5     | 4678           | 7974          | 0.20%           | 0.030%        |
| 24        | 12.328      | 1548          | 1554        | 1555         | rBV6     | 2799           | 5084          | 0.13%           | 0.019%        |
| 25        | 12.833      | 1632          | 1640        | 1644         | rBV8     | 14086          | 28990         | 0.73%           | 0.109%        |
| 26        | 13.080      | 1677          | 1682        | 1687         | rBV9     | 8656           | 14939         | 0.37%           | 0.056%        |
| 27        | 13.363      | 1726          | 1730        | 1737         | rBV4     | 25968          | 43923         | 1.10%           | 0.165%        |
| 28        | 13.427      | 1737          | 1741        | 1744         | rVV6     | 4823           | 8463          | 0.21%           | 0.032%        |
| 29        | 13.486      | 1744          | 1751        | 1755         | rVV7     | 20342          | 39393         | 0.99%           | 0.148%        |
| 30        | 13.586      | 1762          | 1768        | 1773         | rBV5     | 29083          | 49553         | 1.24%           | 0.186%        |
| 31        | 13.639      | 1773          | 1777        | 1778         | rBV4     | 3871           | 4272          | 0.11%           | 0.016%        |
| 32        | 13.727      | 1786          | 1792        | 1796         | rBV6     | 42881          | 75326         | 1.89%           | 0.282%        |
| 33        | 13.769      | 1798          | 1799        | 1804         | rVV4     | 9990           | 9544          | 0.24%           | 0.036%        |
| 34        | 13.845      | 1806          | 1812        | 1816         | rVV      | 179305         | 277630        | 6.96%           | 1.041%        |
| 35        | 13.892      | 1816          | 1820        | 1830         | rVV2     | 119766         | 217238        | 5.45%           | 0.815%        |
| 36        | 14.022      | 1830          | 1842        | 1851         | rVV      | 128726         | 274293        | 6.88%           | 1.029%        |

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ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
GCFB4DL

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 0.1 % of largest Peak

Max Peaks: 100

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-BM121523.MA.M  
Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |         |         |
|----|--------|------|------|------|------|---------|---------|---------|---------|
| 37 | 14.104 | 1851 | 1856 | 1861 | rVB5 | 28681   | 46002   | 1.15%   | 0.173%  |
| 38 | 14.292 | 1881 | 1888 | 1896 | rBV  | 153119  | 279556  | 7.01%   | 1.048%  |
| 39 | 14.363 | 1896 | 1900 | 1901 | rVV4 | 5391    | 6404    | 0.16%   | 0.024%  |
| 40 | 14.398 | 1902 | 1906 | 1914 | rVB8 | 28599   | 51444   | 1.29%   | 0.193%  |
| 41 | 14.474 | 1914 | 1919 | 1924 | rBV2 | 68852   | 102769  | 2.58%   | 0.385%  |
| 42 | 14.545 | 1928 | 1931 | 1932 | rBV3 | 3655    | 4188    | 0.11%   | 0.016%  |
| 43 | 14.592 | 1932 | 1939 | 1954 | rBV  | 2004685 | 3056773 | 76.67%  | 11.464% |
| 44 | 14.733 | 1959 | 1963 | 1968 | rVB8 | 6172    | 10644   | 0.27%   | 0.040%  |
| 45 | 14.839 | 1977 | 1981 | 1989 | rBV8 | 14960   | 35828   | 0.90%   | 0.134%  |
| 46 | 15.045 | 2013 | 2016 | 2018 | rBV4 | 6482    | 5655    | 0.14%   | 0.021%  |
| 47 | 15.139 | 2027 | 2032 | 2039 | rVB8 | 25271   | 40625   | 1.02%   | 0.152%  |
| 48 | 15.233 | 2039 | 2048 | 2053 | rBV5 | 31771   | 75776   | 1.90%   | 0.284%  |
| 49 | 15.433 | 2076 | 2082 | 2085 | rBV  | 25338   | 39213   | 0.98%   | 0.147%  |
| 50 | 15.469 | 2085 | 2088 | 2094 | rVB8 | 15383   | 22671   | 0.57%   | 0.085%  |
| 51 | 15.592 | 2103 | 2109 | 2118 | rBV  | 214159  | 357722  | 8.97%   | 1.342%  |
| 52 | 15.733 | 2129 | 2133 | 2141 | rVB4 | 27953   | 54281   | 1.36%   | 0.204%  |
| 53 | 15.833 | 2148 | 2150 | 2151 | rBV2 | 8913    | 7313    | 0.18%   | 0.027%  |
| 54 | 15.868 | 2151 | 2156 | 2166 | rVB  | 236552  | 348380  | 8.74%   | 1.307%  |
| 55 | 16.074 | 2187 | 2191 | 2195 | rVB4 | 31706   | 42886   | 1.08%   | 0.161%  |
| 56 | 16.298 | 2224 | 2229 | 2230 | rBV  | 56446   | 72205   | 1.81%   | 0.271%  |
| 57 | 16.992 | 2341 | 2347 | 2357 | rBV  | 1687164 | 2578012 | 64.66%  | 9.668%  |
| 58 | 17.086 | 2359 | 2363 | 2367 | rVV2 | 76068   | 120231  | 3.02%   | 0.451%  |
| 59 | 17.345 | 2401 | 2407 | 2419 | rBV  | 2315991 | 3456168 | 86.68%  | 12.962% |
| 60 | 17.445 | 2419 | 2424 | 2433 | rVV2 | 221707  | 385918  | 9.68%   | 1.447%  |
| 61 | 17.833 | 2487 | 2490 | 2498 | rVB  | 95861   | 128969  | 3.23%   | 0.484%  |
| 62 | 18.527 | 2605 | 2608 | 2613 | rBV  | 69890   | 86244   | 2.16%   | 0.323%  |
| 63 | 19.733 | 2809 | 2813 | 2820 | rBV  | 317337  | 425977  | 10.68%  | 1.598%  |
| 64 | 20.603 | 2957 | 2961 | 2966 | rBV  | 558384  | 717910  | 18.01%  | 2.692%  |
| 65 | 21.527 | 3113 | 3118 | 3128 | rVB  | 2728863 | 3653502 | 91.63%  | 13.702% |
| 66 | 23.944 | 3522 | 3529 | 3540 | rVB  | 1890419 | 3987067 | 100.00% | 14.953% |

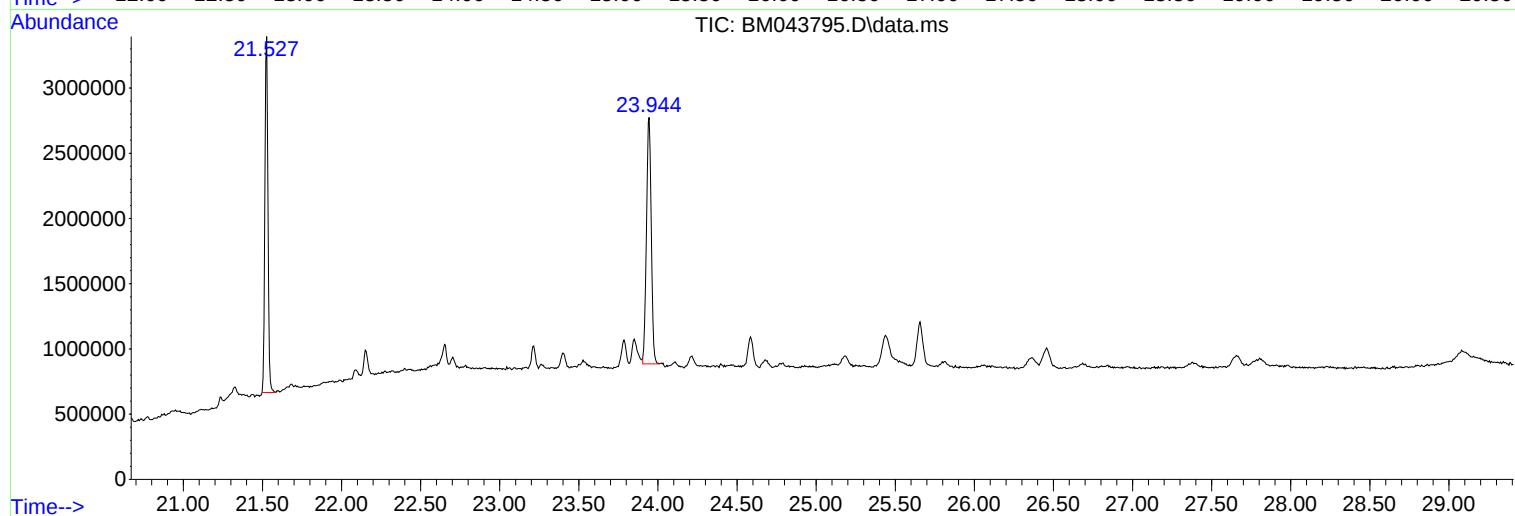
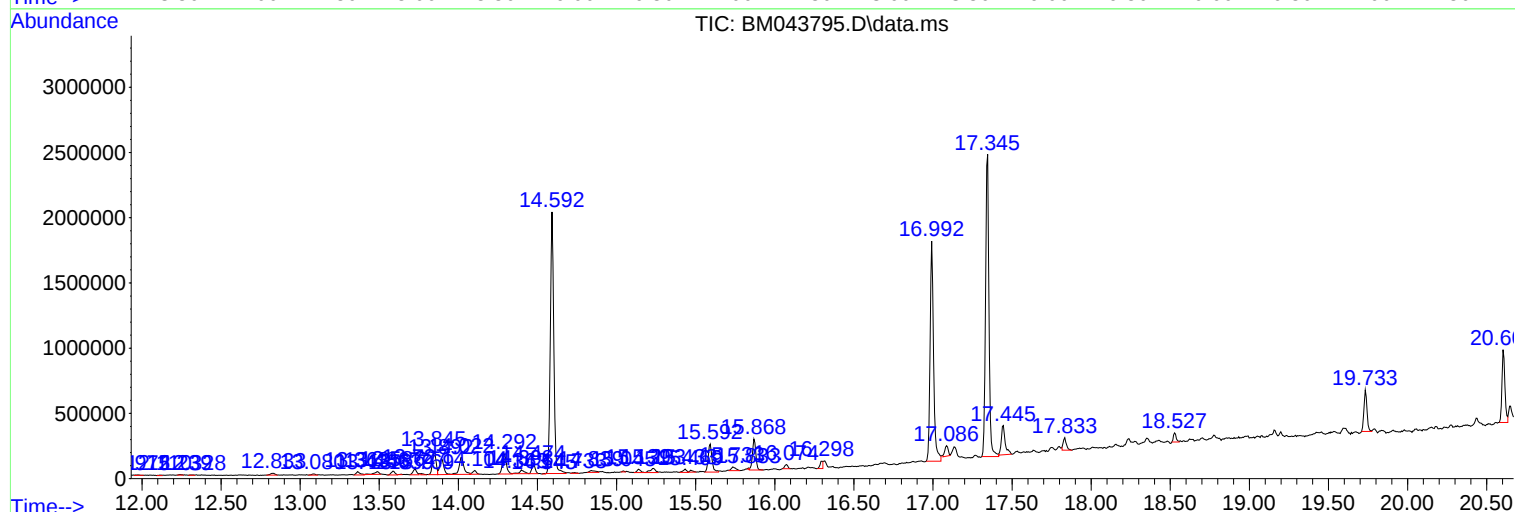
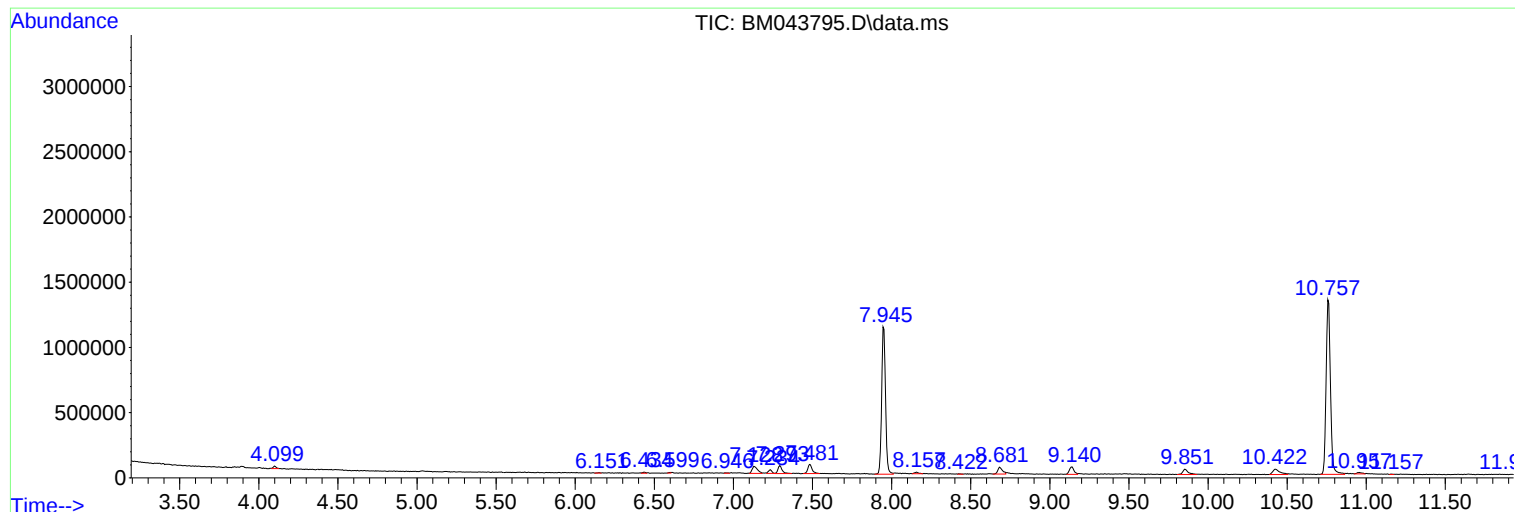
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Instrument :  
BNA\_M  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM121523.MA.M  
Quant Title : SVOA CALIBRATION

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



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Sample : 05953-12DL 10X  
Misc :  
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Instrument :  
BNA\_M  
ClientSampleId :  
GCFB4DL

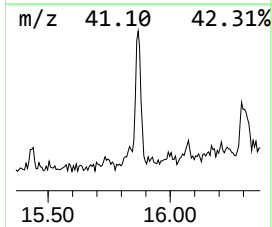
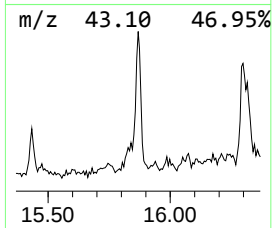
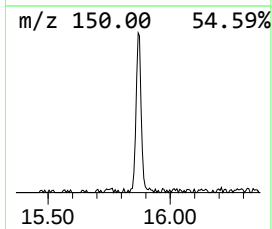
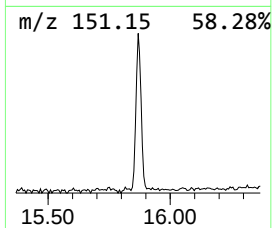
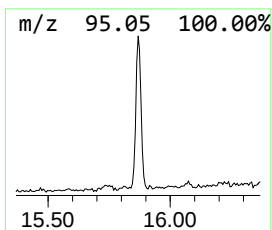
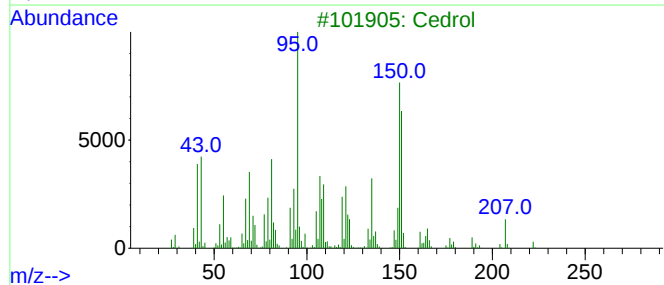
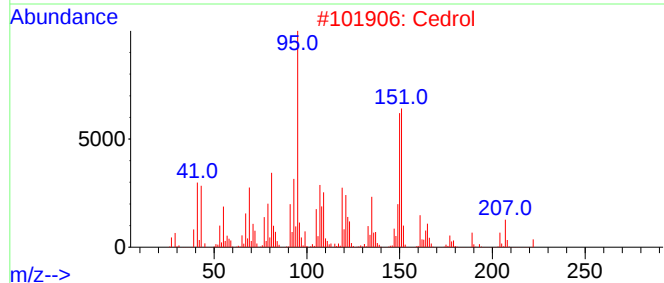
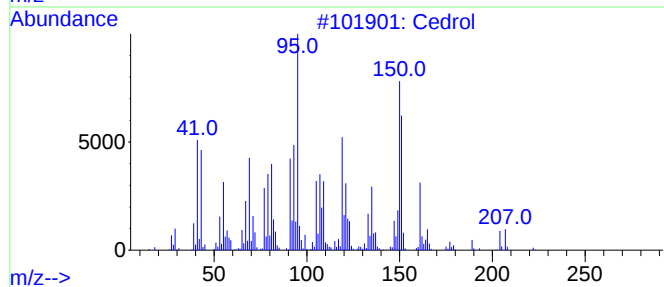
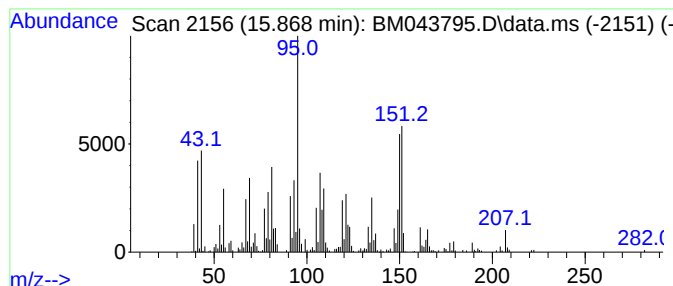
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM121523.MA.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 1 Cedrol Concentration Rank 2

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 15.868 | 2.28 ng/ul | 348380 | Acenaphthene-d10 | 14.592 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Cedrol                              | 222 | C15H26O | 000077-53-2 | 93   |
| 2    |    |   | Cedrol                              | 222 | C15H26O | 000077-53-2 | 91   |
| 3    |    |   | Cedrol                              | 222 | C15H26O | 000077-53-2 | 91   |
| 4    |    |   | Cedrol                              | 222 | C15H26O | 000077-53-2 | 87   |
| 5    |    |   | (3R,3aS,6S,7R)-3,6,8,8-Tetrameth... | 222 | C15H26O | 019903-73-2 | 86   |



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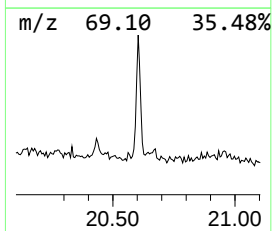
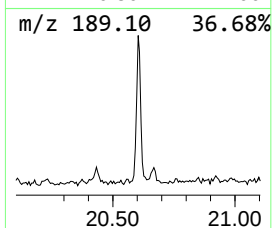
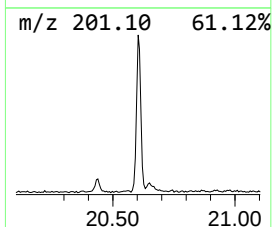
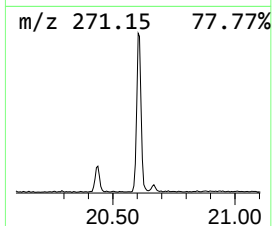
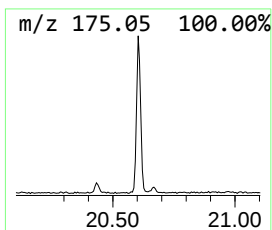
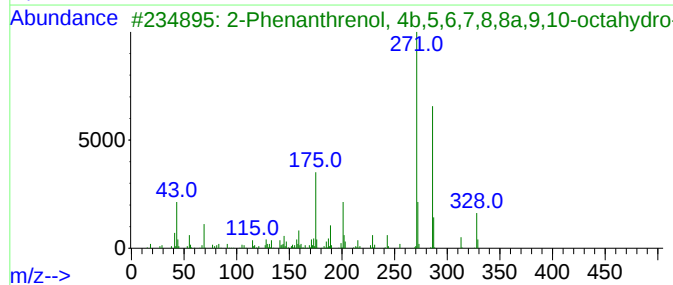
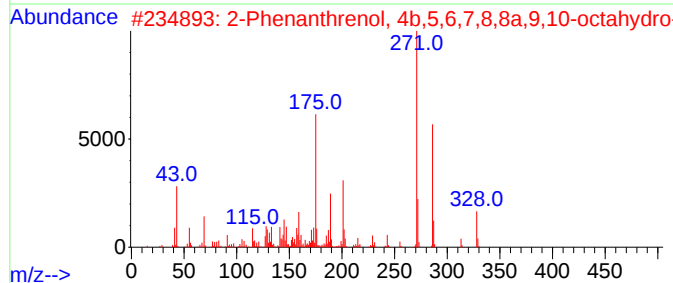
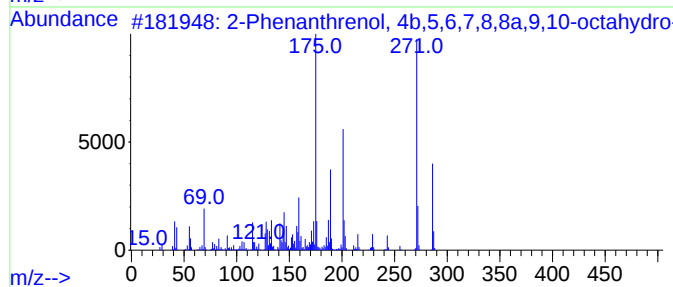
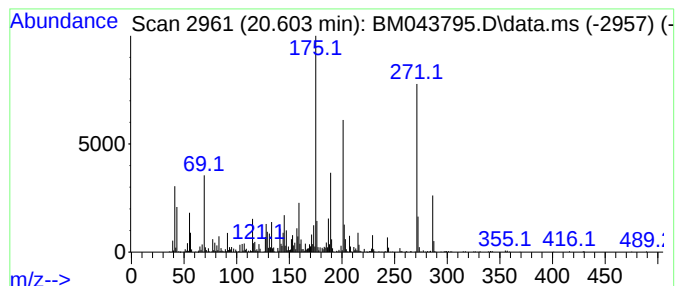
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Quant Title : SVOA CALIBRATION

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

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Peak Number 2 2-Phenanthrenol, 4b,5,6,7,8... Concentration Rank 1

| R.T.      | EstConc                             | Area   | Relative to ISTD | R.T.        |      |
|-----------|-------------------------------------|--------|------------------|-------------|------|
| 20.604    | 3.93 ng/ul                          | 717910 | Chrysene-d12     | 21.527      |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm          | CAS#        | Qual |
| 1         | 2-Phenanthrenol, 4b,5,6,7,8,8a,9... | 286    | C20H30O          | 000511-15-9 | 99   |
| 2         | 2-Phenanthrenol, 4b,5,6,7,8,8a,9... | 328    | C22H32O2         | 015340-82-6 | 87   |
| 3         | 2-Phenanthrenol, 4b,5,6,7,8,8a,9... | 328    | C22H32O2         | 015340-82-6 | 64   |
| 4         | 13-Isopropylpodocarpene-12-ol-20-al | 300    | C20H28O2         | 024035-37-8 | 64   |
| 5         | 2-Phenanthrenol, 4b,5,6,7,8,8a,9... | 286    | C20H30O          | 000511-15-9 | 45   |



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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 |
| Cedrol             | 15.868 | 2.3     | ng/ul | 348380   | 3                     | 14.592 | 3056770 | 20.0 |
| 2-Phenanthrenol... | 20.604 | 3.9     | ng/ul | 717910   | 5                     | 21.527 | 3653500 | 20.0 |