

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP010424\  
 Data File : BP019275.D  
 Acq On : 04 Jan 2024 21:38  
 Operator : MA/JU  
 Sample : 05951-12DL 20X  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 GCF76DL

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-BP122723.MA.M  
 Title : SVOA CALIBRATION

Signal : TIC: BP019275.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         | 3.976       | 148           | 151         | 154          | rVB      | 9172           | 10766         | 0.23%           | 0.057%        |
| 2         | 6.305       | 544           | 547         | 551          | rVB6     | 4729           | 5336          | 0.11%           | 0.028%        |
| 3         | 6.469       | 567           | 575         | 579          | rBV2     | 20346          | 33516         | 0.70%           | 0.179%        |
| 4         | 6.999       | 660           | 665         | 673          | rVB3     | 12338          | 23274         | 0.49%           | 0.124%        |
| 5         | 7.087       | 678           | 680         | 684          | rVB3     | 6955           | 8393          | 0.18%           | 0.045%        |
| 6         | 7.140       | 684           | 689         | 693          | rBV      | 10787          | 15669         | 0.33%           | 0.084%        |
| 7         | 7.340       | 716           | 723         | 729          | rBV2     | 15744          | 29100         | 0.61%           | 0.155%        |
| 8         | 7.799       | 791           | 801         | 809          | rBV      | 614044         | 971605        | 20.37%          | 5.178%        |
| 9         | 8.016       | 834           | 838         | 840          | rVB5     | 3870           | 5442          | 0.11%           | 0.029%        |
| 10        | 8.458       | 908           | 913         | 917          | rBV8     | 4115           | 6562          | 0.14%           | 0.035%        |
| 11        | 8.534       | 920           | 926         | 935          | rBV2     | 13428          | 28215         | 0.59%           | 0.150%        |
| 12        | 8.969       | 993           | 1000        | 1006         | rBV      | 13462          | 25533         | 0.54%           | 0.136%        |
| 13        | 9.681       | 1115          | 1121        | 1127         | rBV7     | 9842           | 19891         | 0.42%           | 0.106%        |
| 14        | 10.252      | 1211          | 1218        | 1222         | rBV2     | 14008          | 29531         | 0.62%           | 0.157%        |
| 15        | 10.593      | 1266          | 1276        | 1286         | rBV      | 742601         | 1241584       | 26.03%          | 6.617%        |
| 16        | 11.687      | 1458          | 1462        | 1467         | rVB8     | 5350           | 9263          | 0.19%           | 0.049%        |
| 17        | 11.846      | 1485          | 1489        | 1496         | rVB9     | 4189           | 9280          | 0.19%           | 0.049%        |
| 18        | 12.157      | 1540          | 1542        | 1550         | rVB9     | 3532           | 6272          | 0.13%           | 0.033%        |
| 19        | 12.622      | 1614          | 1621        | 1622         | rBV6     | 6042           | 9385          | 0.20%           | 0.050%        |
| 20        | 12.675      | 1626          | 1630        | 1637         | rBV9     | 6377           | 12329         | 0.26%           | 0.066%        |
| 21        | 12.799      | 1646          | 1651        | 1654         | rBV6     | 4901           | 8677          | 0.18%           | 0.046%        |
| 22        | 12.916      | 1667          | 1671        | 1673         | rBV5     | 4052           | 5217          | 0.11%           | 0.028%        |
| 23        | 13.022      | 1684          | 1689        | 1691         | rBV5     | 6431           | 8632          | 0.18%           | 0.046%        |
| 24        | 13.222      | 1718          | 1723        | 1730         | rVB5     | 6176           | 14243         | 0.30%           | 0.076%        |
| 25        | 13.304      | 1734          | 1737        | 1740         | rBV4     | 6767           | 10016         | 0.21%           | 0.053%        |
| 26        | 13.440      | 1755          | 1760        | 1763         | rBV6     | 15334          | 24587         | 0.52%           | 0.131%        |
| 27        | 13.581      | 1779          | 1784        | 1787         | rBV6     | 17076          | 28307         | 0.59%           | 0.151%        |
| 28        | 13.699      | 1798          | 1804        | 1809         | rBV2     | 71354          | 115085        | 2.41%           | 0.613%        |
| 29        | 13.751      | 1809          | 1813        | 1820         | rVB9     | 23832          | 44750         | 0.94%           | 0.239%        |
| 30        | 13.863      | 1822          | 1832        | 1838         | rBV      | 43957          | 98179         | 2.06%           | 0.523%        |
| 31        | 13.957      | 1843          | 1848        | 1853         | rVB5     | 23435          | 37776         | 0.79%           | 0.201%        |
| 32        | 14.140      | 1874          | 1879        | 1881         | rBV      | 33041          | 48773         | 1.02%           | 0.260%        |
| 33        | 14.257      | 1895          | 1899        | 1901         | rBV5     | 15197          | 20319         | 0.43%           | 0.108%        |
| 34        | 14.328      | 1907          | 1911        | 1916         | rBV5     | 25776          | 37647         | 0.79%           | 0.201%        |
| 35        | 14.440      | 1924          | 1930        | 1937         | rBV      | 1077133        | 1628987       | 34.16%          | 8.682%        |
| 36        | 14.687      | 1969          | 1972        | 1976         | rBV4     | 13659          | 21987         | 0.46%           | 0.117%        |

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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-BP122723.MA.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |         |         |
|----|--------|------|------|------|------|---------|---------|---------|---------|
| 37 | 14.922 | 2009 | 2012 | 2018 | rVB6 | 16216   | 20690   | 0.43%   | 0.110%  |
| 38 | 14.998 | 2021 | 2025 | 2029 | rVB6 | 25722   | 38203   | 0.80%   | 0.204%  |
| 39 | 15.057 | 2030 | 2035 | 2036 | rBV4 | 41781   | 62866   | 1.32%   | 0.335%  |
| 40 | 15.081 | 2037 | 2039 | 2043 | rVB3 | 46829   | 57468   | 1.20%   | 0.306%  |
| 41 | 15.440 | 2096 | 2100 | 2105 | rVB2 | 59162   | 85628   | 1.80%   | 0.456%  |
| 42 | 15.722 | 2145 | 2148 | 2153 | rVB2 | 64460   | 98349   | 2.06%   | 0.524%  |
| 43 | 16.175 | 2221 | 2225 | 2233 | rVB2 | 90724   | 145260  | 3.05%   | 0.774%  |
| 44 | 16.857 | 2335 | 2341 | 2351 | rBV  | 3198176 | 4769309 | 100.00% | 25.419% |
| 45 | 16.987 | 2359 | 2363 | 2376 | rVB5 | 133338  | 340327  | 7.14%   | 1.814%  |
| 46 | 17.198 | 2394 | 2399 | 2405 | rBV  | 1375306 | 2042175 | 42.82%  | 10.884% |
| 47 | 17.881 | 2512 | 2515 | 2520 | rBV4 | 91746   | 139546  | 2.93%   | 0.744%  |
| 48 | 18.069 | 2545 | 2547 | 2549 | rBV  | 68159   | 78250   | 1.64%   | 0.417%  |
| 49 | 18.604 | 2635 | 2638 | 2644 | rVB2 | 126374  | 167368  | 3.51%   | 0.892%  |
| 50 | 18.963 | 2696 | 2699 | 2705 | rVB2 | 114768  | 147622  | 3.10%   | 0.787%  |
| 51 | 20.398 | 2940 | 2943 | 2948 | rBV  | 317820  | 448564  | 9.41%   | 2.391%  |
| 52 | 21.304 | 3093 | 3097 | 3103 | rVB  | 2076166 | 2576962 | 54.03%  | 13.734% |
| 53 | 23.674 | 3494 | 3500 | 3511 | rVB  | 1440620 | 2890306 | 60.60%  | 15.404% |

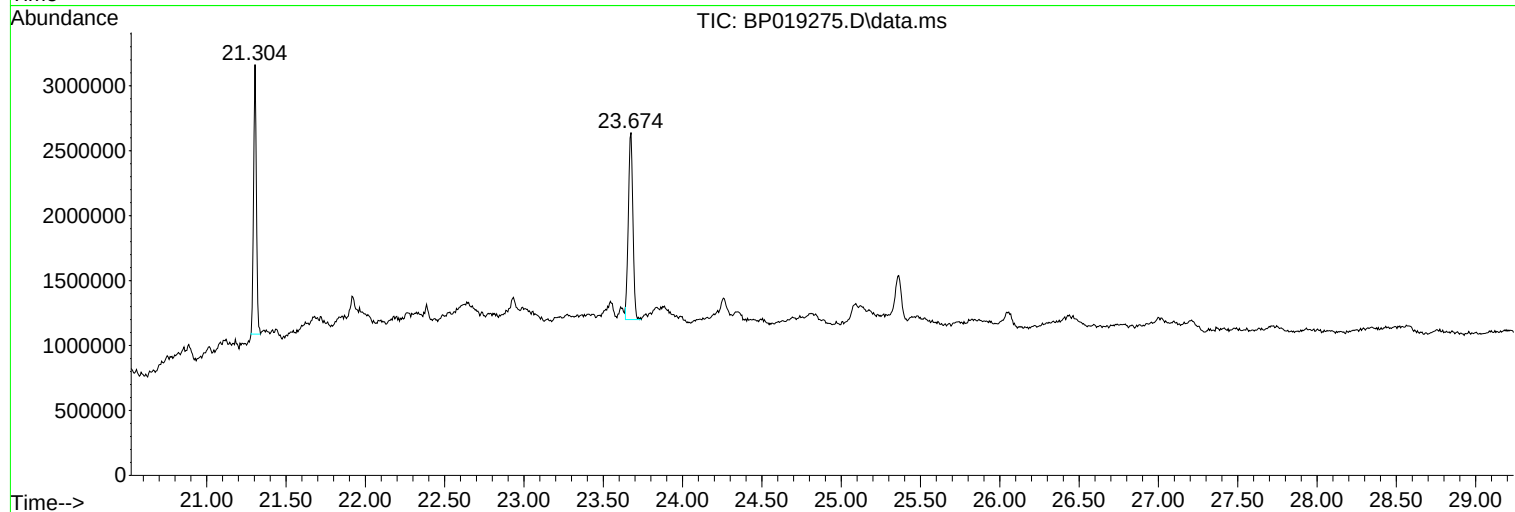
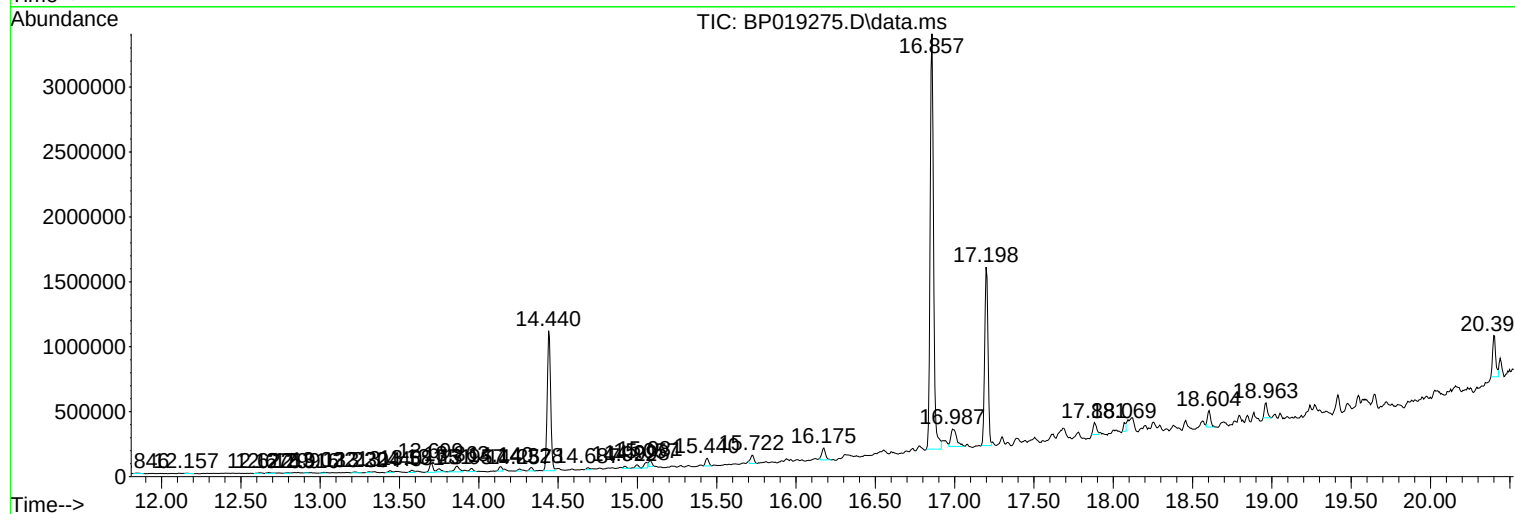
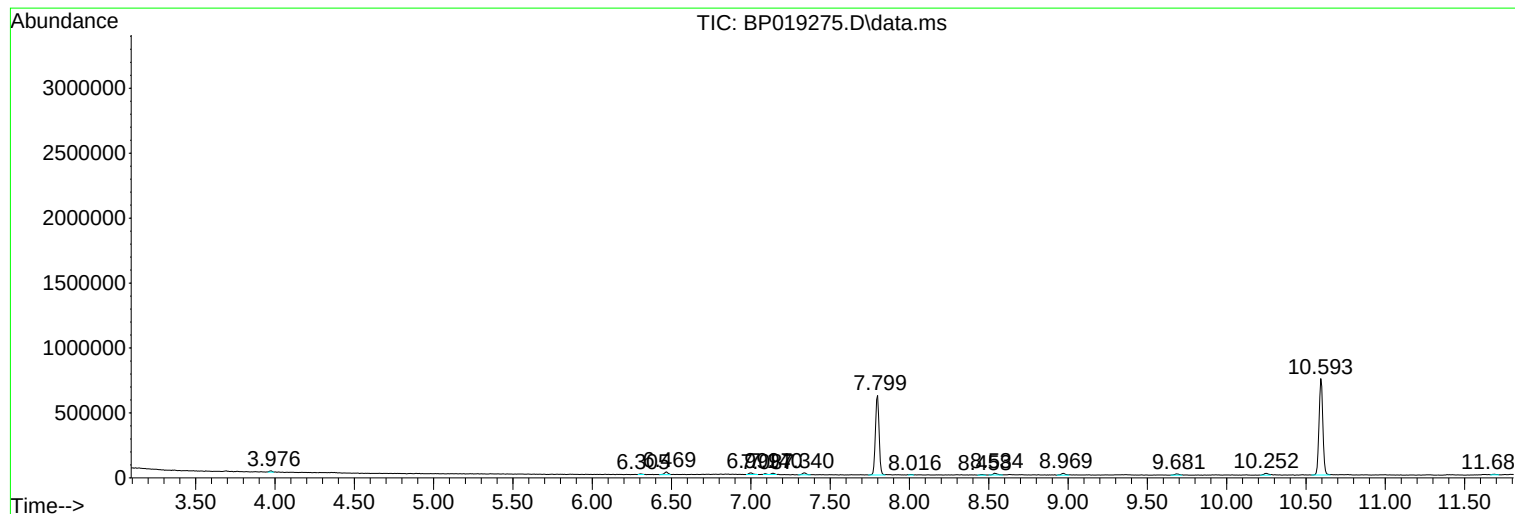
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP122723.MA.M  
Quant Title : SVOA CALIBRATION

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



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Misc :  
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Instrument :  
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GCF76DL

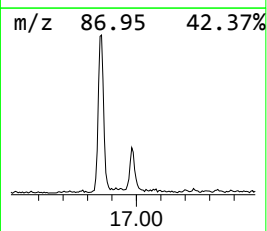
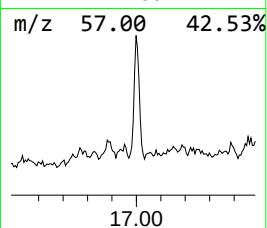
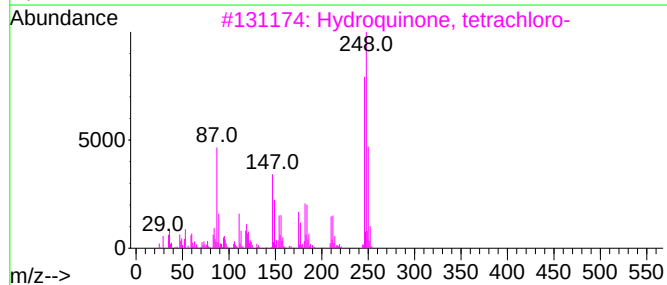
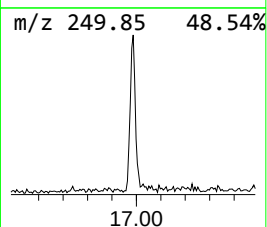
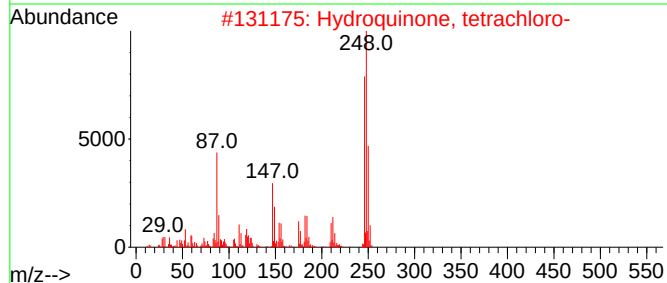
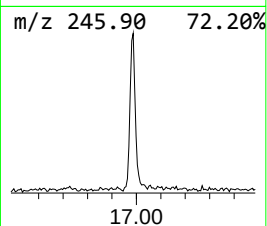
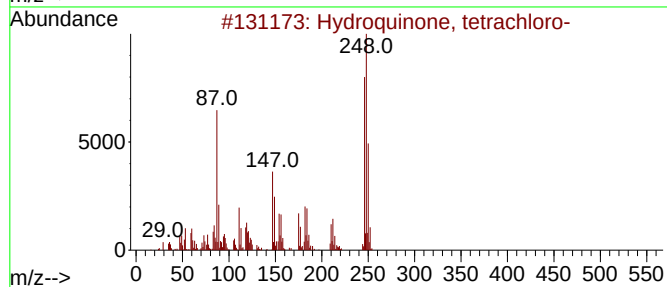
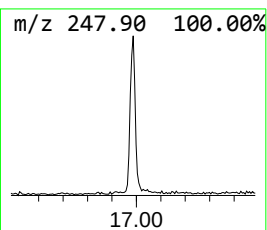
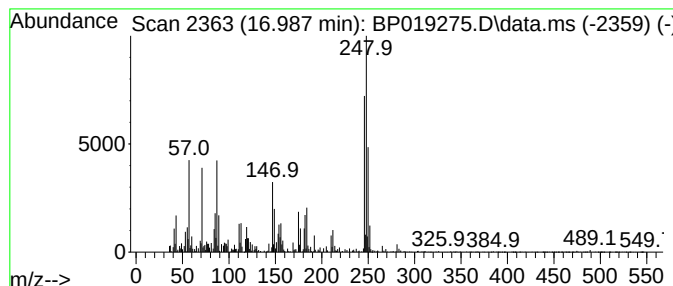
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP122723.MA.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 1 Hydroquinone, tetrachloro- Concentration Rank 2

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 16.987 | 3.33 ng/ul | 340327 | Phenanthrene-d10 | 17.198 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm    | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|------------|-------------|------|
| 1    |    |   | Hydroquinone, tetrachloro-          | 246 | C6H2Cl4O2  | 000087-87-6 | 94   |
| 2    |    |   | Hydroquinone, tetrachloro-          | 246 | C6H2Cl4O2  | 000087-87-6 | 91   |
| 3    |    |   | Hydroquinone, tetrachloro-          | 246 | C6H2Cl4O2  | 000087-87-6 | 91   |
| 4    |    |   | 1,2-Benzenediol, 3,4,5,6-tetrach... | 246 | C6H2Cl4O2  | 001198-55-6 | 81   |
| 5    |    |   | 1,2-Benzenediol, 3,4,5,6-tetrach... | 330 | C10H6Cl4O4 | 036200-42-7 | 43   |



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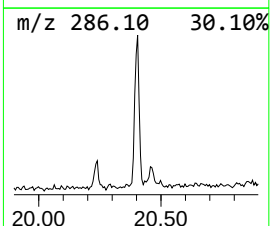
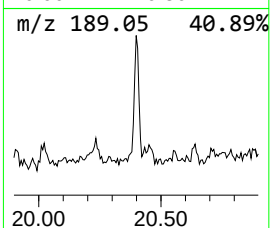
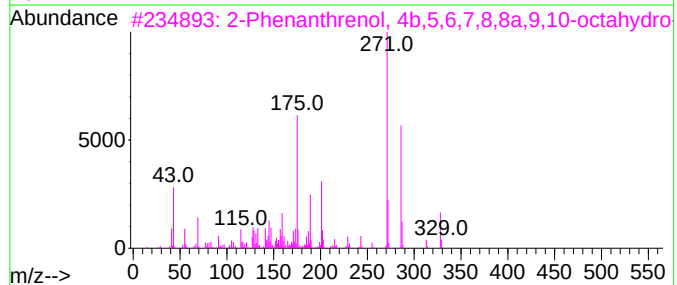
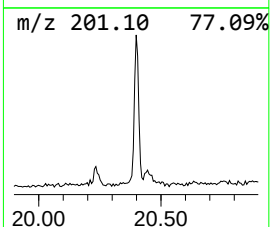
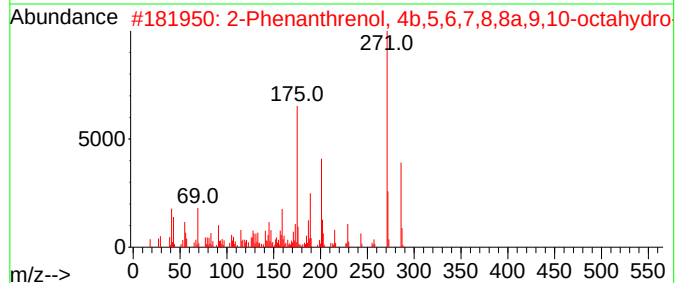
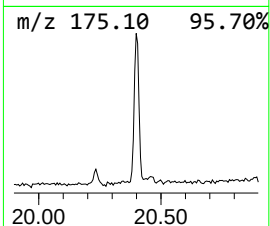
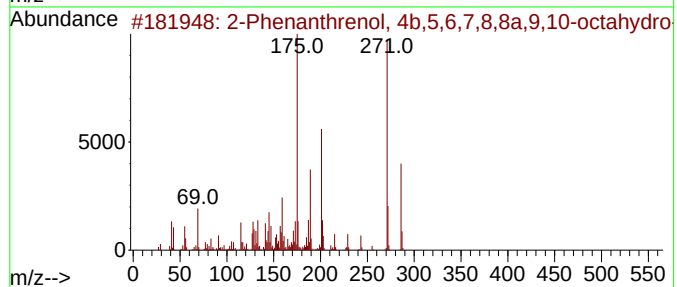
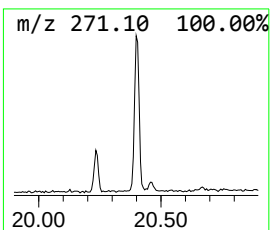
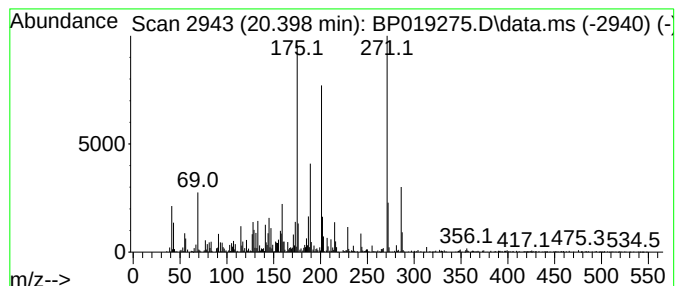
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP122723.MA.M  
Quant Title : SVOA CALIBRATION

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.   |
|--------|------------|--------|------------------|--------|
| 20.398 | 3.48 ng/ul | 448564 | Chrysene-d12     | 21.304 |

| Hit# | of                                  | 5   | Tentative ID | MW          | MolForm | CAS# | Qual |
|------|-------------------------------------|-----|--------------|-------------|---------|------|------|
| 1    | 2-Phenanthrenol, 4b,5,6,7,8,8a,9... | 286 | C20H30O      | 000511-15-9 | 96      |      |      |
| 2    | 2-Phenanthrenol, 4b,5,6,7,8,8a,9... | 286 | C20H30O      | 000511-15-9 | 94      |      |      |
| 3    | 2-Phenanthrenol, 4b,5,6,7,8,8a,9... | 328 | C22H32O2     | 015340-82-6 | 81      |      |      |
| 4    | 2-Phenanthrenol, 4b,5,6,7,8,8a,9... | 328 | C22H32O2     | 015340-82-6 | 62      |      |      |
| 5    | 13-Isopropylpodocarpene-12-ol-20-al | 300 | C20H28O2     | 024035-37-8 | 25      |      |      |



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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP122723.MA.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST0.L  
TIC Integration Parameters: LSCINT.P

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |         |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|---------|------|
|                    |        |         |       |          | #                     | RT     | Resp    | Conc |
| Hydroquinone, t... | 16.987 | 3.3     | ng/u1 | 340327   | 4                     | 17.198 | 2042180 | 20.0 |
| 2-Phenanthrenol... | 20.398 | 3.5     | ng/u1 | 448564   | 5                     | 21.304 | 2576960 | 20.0 |