

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW012420\  
 Data File : VW014753.D  
 Acq On : 24 Jan 2020 19:09  
 Operator : SY/VA  
 Sample : L1247-01  
 Misc : 7.37G/5ML/MSVOA W/SOIL  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 TP-4-5

## Integration Parameters: RTEINT.P

Integrator: RTE  
 Smoothing : ON Filtering: 5  
 Sampling : 1 Min Area: 3 % 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:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W012420S.M  
 Title : SW846 8260

Signal : TIC

| 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         | 2.233       | 46            | 54          | 56           | rBV7     | 5525           | 13646         | 1.66%           | 0.321%        |
| 2         | 2.617       | 115           | 117         | 125          | rVB9     | 6173           | 12937         | 1.58%           | 0.305%        |
| 3         | 4.909       | 484           | 493         | 504          | rBV7     | 6393           | 22706         | 2.77%           | 0.534%        |
| 4         | 7.129       | 852           | 857         | 868          | rBV3     | 3938           | 10875         | 1.33%           | 0.256%        |
| 5         | 7.885       | 970           | 981         | 985          | rBV2     | 115131         | 278469        | 33.95%          | 6.555%        |
| 6         | 7.946       | 985           | 991         | 1001         | rVB      | 214931         | 484425        | 59.07%          | 11.403%       |
| 7         | 8.305       | 1041          | 1050        | 1060         | rBV      | 112967         | 255680        | 31.18%          | 6.019%        |
| 8         | 8.842       | 1129          | 1138        | 1154         | rBV      | 307137         | 620167        | 75.62%          | 14.598%       |
| 9         | 10.323      | 1373          | 1381        | 1388         | rBV      | 455607         | 820140        | 100.00%         | 19.306%       |
| 10        | 10.384      | 1388          | 1391        | 1397         | rVB      | 15317          | 27075         | 3.30%           | 0.637%        |
| 11        | 10.701      | 1438          | 1443        | 1448         | rVB2     | 5674           | 9802          | 1.20%           | 0.231%        |
| 12        | 11.628      | 1588          | 1595        | 1607         | rBV      | 381417         | 665316        | 81.12%          | 15.661%       |
| 13        | 11.835      | 1622          | 1629        | 1639         | rVB4     | 11363          | 23582         | 2.88%           | 0.555%        |
| 14        | 12.170      | 1676          | 1684        | 1690         | rVB6     | 4913           | 11495         | 1.40%           | 0.271%        |
| 15        | 12.469      | 1727          | 1733        | 1740         | rVB3     | 12565          | 21565         | 2.63%           | 0.508%        |
| 16        | 12.615      | 1747          | 1757        | 1767         | rBV      | 244712         | 439803        | 53.63%          | 10.353%       |
| 17        | 13.310      | 1857          | 1871        | 1874         | rBV      | 6485           | 24064         | 2.93%           | 0.566%        |
| 18        | 13.554      | 1905          | 1911        | 1922         | rVB      | 230430         | 401935        | 49.01%          | 9.461%        |
| 19        | 14.072      | 1989          | 1996        | 2003         | rVB2     | 16064          | 31936         | 3.89%           | 0.752%        |
| 20        | 14.938      | 2130          | 2138        | 2149         | rBV4     | 13490          | 44272         | 5.40%           | 1.042%        |
| 21        | 15.493      | 2223          | 2229        | 2238         | rBV      | 14387          | 28277         | 3.45%           | 0.666%        |

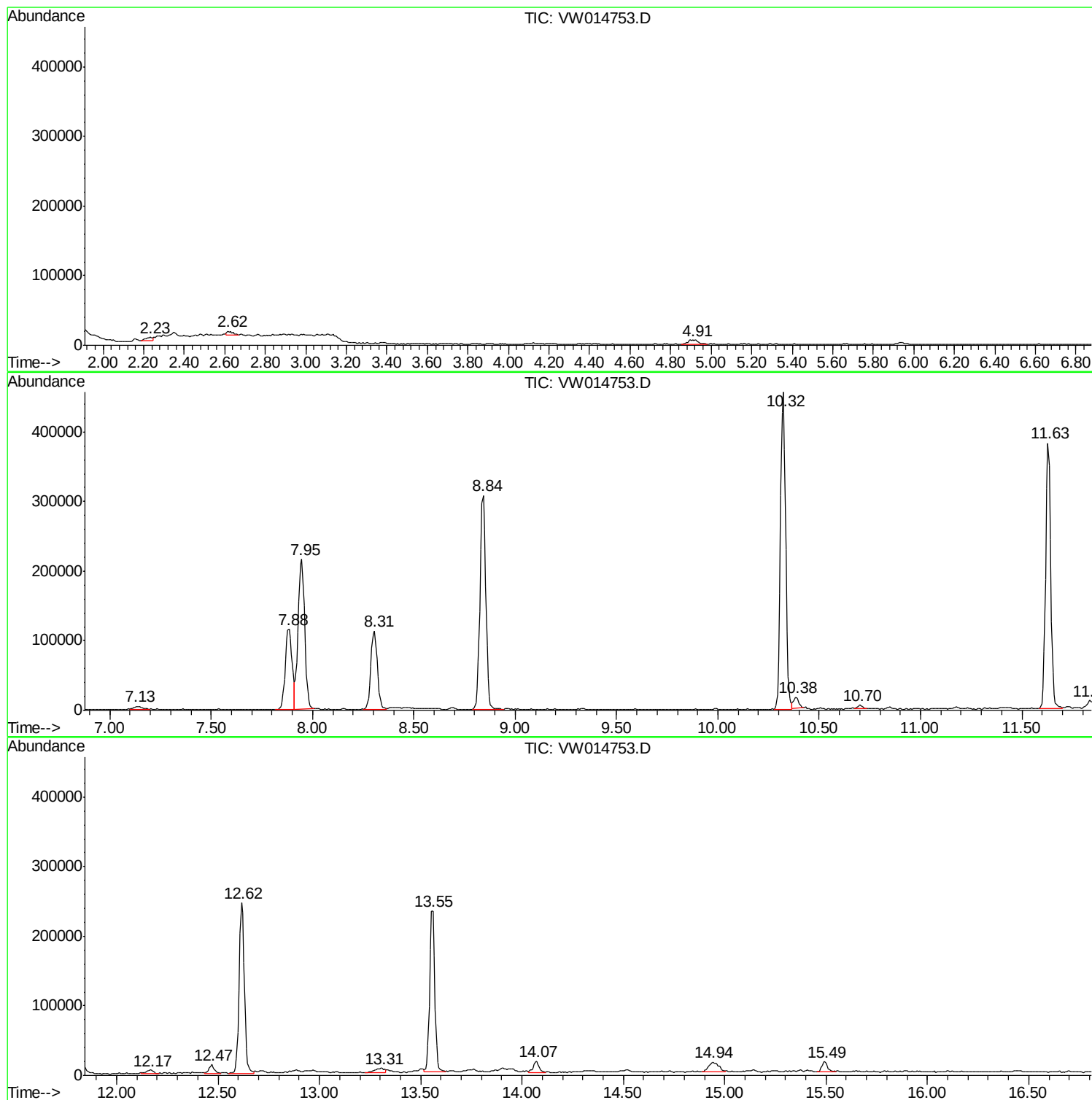
Sum of corrected areas: 4248167

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW012420\  
Data File : VW014753.D  
Acq On : 24 Jan 2020 19:09  
Operator : SY/VA  
Sample : L1247-01  
Misc : 7.37G/5ML/MSVOA W/SOIL  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
TP-4-5

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\82W012420S.M  
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW012420\  
Data File : VW014753.D  
Acq On : 24 Jan 2020 19:09  
Operator : SY/VA  
Sample : L1247-01  
Misc : 7.37G/5ML/MSVOA W/SOIL  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
TP-4-5

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\82W012420S.M  
Quant Title : SW846 8260

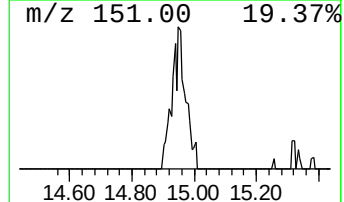
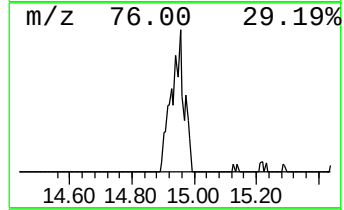
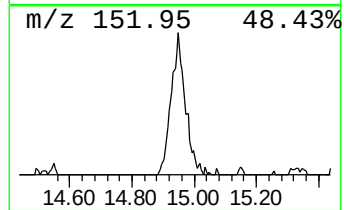
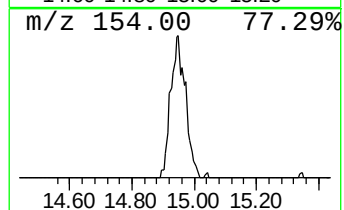
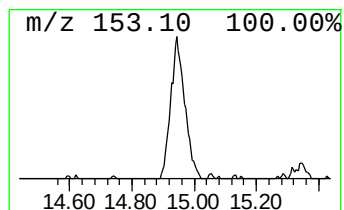
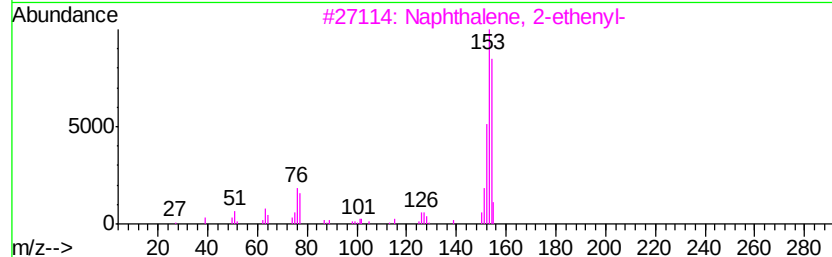
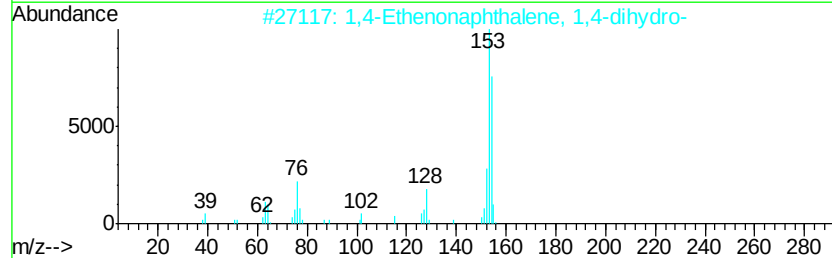
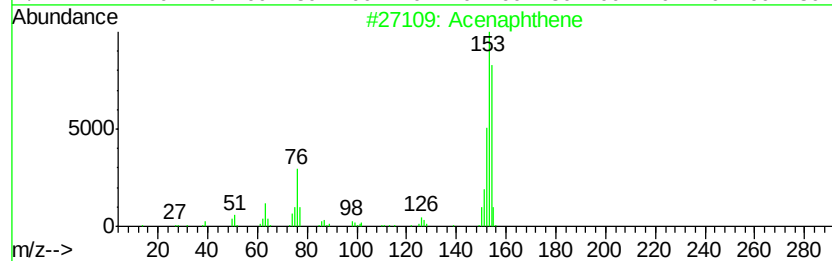
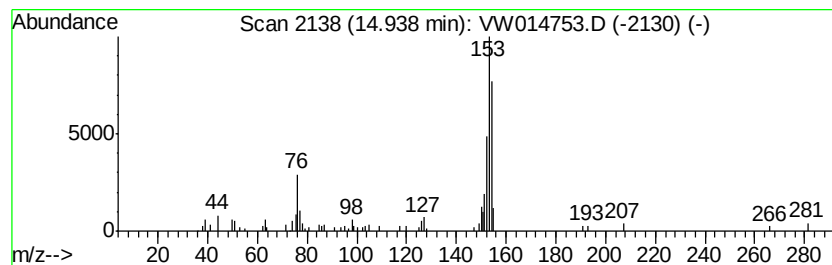
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 1 Acenaphthene Concentration Rank 1

| R.T.  | EstConc   | Area  | Relative to ISTD       | R.T.  |
|-------|-----------|-------|------------------------|-------|
| 14.94 | 5.51 ug/l | 44272 | 1,4-Dichlorobenzene-d4 | 13.55 |

| Hit# of | 5                                   | Tentative ID | MW      | MolForm     | CAS# | Qual |
|---------|-------------------------------------|--------------|---------|-------------|------|------|
| 1       | Acenaphthene                        | 154          | C12H10  | 000083-32-9 | 91   |      |
| 2       | 1,4-Ethenonaphthalene, 1,4-dihydro- | 154          | C12H10  | 007322-47-6 | 58   |      |
| 3       | Naphthalene, 2-ethenyl-             | 154          | C12H10  | 000827-54-3 | 52   |      |
| 4       | 3-Fluoro-para-anisaldehyde          | 154          | C8H7FO2 | 000351-54-2 | 49   |      |
| 5       | 2,4,6-Trihydroxybenzaldehyde        | 154          | C7H6O4  | 000487-70-7 | 47   |      |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_W\DATA\VW012420\  
Data File : VW014753.D  
Acq On : 24 Jan 2020 19:09  
Operator : SY/VA  
Sample : L1247-01  
Misc : 7.37G/5ML/MSVOA\_W/SOIL  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
TP-4-5

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\82W012420S.M  
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

| TIC Top Hit name | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                  |       |         |       |          | #                     | RT    | Resp   | Conc |
| Acenaphthene     | 14.94 | 5.5     | ug/l  | 44272    | 4                     | 13.55 | 401935 | 50.0 |