

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080118\  
 Data File : BM016136.D  
 Acq On : 01 Aug 2018 11:25  
 Operator : SJ/JU  
 Sample : J4172-05RX  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0D03RX

## Integration Parameters: LSCINT.P

Integrator: RTE  
 Smoothing : OFF  
 Sampling : 1  
 Start Thrs: 0.2  
 Stop Thrs : 0

Filtering: 5  
 Min Area: 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\SOM-EPA-BM071318MA.M  
 Title : SVOA CALIBRATION

Signal : TIC

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|--------|----------|------------|----------|-----------|-------|-------------|------------|--------------|------------|
| 1      | 4.028    | 124        | 126      | 136       | rVB2  | 7379        | 12373      | 1.13%        | 0.110%     |
| 2      | 4.140    | 138        | 145      | 151       | rVB2  | 8223        | 15820      | 1.44%        | 0.140%     |
| 3      | 7.357    | 687        | 692      | 706       | rBV   | 129216      | 240262     | 21.85%       | 2.128%     |
| 4      | 7.522    | 715        | 720      | 731       | rBV   | 114280      | 182693     | 16.62%       | 1.618%     |
| 5      | 7.722    | 749        | 754      | 768       | rBV   | 120263      | 214328     | 19.50%       | 1.898%     |
| 6      | 8.199    | 829        | 835      | 850       | rBB   | 198657      | 333158     | 30.30%       | 2.951%     |
| 7      | 8.916    | 952        | 957      | 969       | rBV   | 163635      | 285909     | 26.01%       | 2.532%     |
| 8      | 9.387    | 1031       | 1037     | 1052      | rBV   | 148636      | 277382     | 25.23%       | 2.457%     |
| 9      | 10.110   | 1155       | 1160     | 1173      | rBB2  | 71538       | 132080     | 12.01%       | 1.170%     |
| 10     | 10.646   | 1246       | 1251     | 1268      | rBV   | 117786      | 225276     | 20.49%       | 1.995%     |
| 11     | 11.016   | 1307       | 1314     | 1326      | rBV   | 285106      | 476502     | 43.34%       | 4.221%     |
| 12     | 11.163   | 1334       | 1339     | 1354      | rBV   | 143634      | 281666     | 25.62%       | 2.495%     |
| 13     | 14.128   | 1838       | 1843     | 1848      | rBB   | 64808       | 89668      | 8.16%        | 0.794%     |
| 14     | 14.228   | 1855       | 1860     | 1865      | rBV   | 396237      | 522640     | 47.54%       | 4.629%     |
| 15     | 14.275   | 1865       | 1868     | 1875      | rVB   | 42636       | 60594      | 5.51%        | 0.537%     |
| 16     | 14.522   | 1904       | 1910     | 1918      | rBV   | 409538      | 584237     | 53.14%       | 5.175%     |
| 17     | 14.822   | 1955       | 1961     | 1969      | rBV2  | 387251      | 585057     | 53.22%       | 5.182%     |
| 18     | 15.810   | 2123       | 2129     | 2136      | rBV   | 506303      | 731439     | 66.53%       | 6.479%     |
| 19     | 17.557   | 2420       | 2426     | 2430      | rBV   | 491702      | 696528     | 63.36%       | 6.169%     |
| 20     | 17.598   | 2430       | 2433     | 2437      | rVV   | 57249       | 73635      | 6.70%        | 0.652%     |
| 21     | 17.651   | 2437       | 2442     | 2455      | rVB   | 558090      | 796798     | 72.48%       | 7.058%     |
| 22     | 18.398   | 2565       | 2569     | 2577      | rBV4  | 39356       | 59634      | 5.42%        | 0.528%     |
| 23     | 18.474   | 2577       | 2582     | 2587      | rVV2  | 10477       | 17266      | 1.57%        | 0.153%     |
| 24     | 18.621   | 2601       | 2607     | 2611      | rBV4  | 11565       | 21978      | 2.00%        | 0.195%     |
| 25     | 19.304   | 2719       | 2723     | 2728      | rBV4  | 6684        | 12187      | 1.11%        | 0.108%     |
| 26     | 19.586   | 2766       | 2771     | 2776      | rVB   | 160676      | 212006     | 19.28%       | 1.878%     |
| 27     | 19.651   | 2779       | 2782     | 2787      | rBV3  | 23438       | 28563      | 2.60%        | 0.253%     |
| 28     | 19.868   | 2817       | 2819     | 2822      | rVB3  | 15084       | 12677      | 1.15%        | 0.112%     |
| 29     | 19.916   | 2822       | 2827     | 2831      | rBV   | 770750      | 1099397    | 100.00%      | 9.738%     |
| 30     | 20.392   | 2905       | 2908     | 2911      | rBV4  | 31649       | 39603      | 3.60%        | 0.351%     |
| 31     | 20.527   | 2928       | 2931     | 2936      | rBV2  | 25334       | 40993      | 3.73%        | 0.363%     |
| 32     | 20.880   | 2989       | 2991     | 2996      | rBV3  | 39360       | 42779      | 3.89%        | 0.379%     |
| 33     | 21.339   | 3066       | 3069     | 3071      | rBV4  | 69064       | 89206      | 8.11%        | 0.790%     |
| 34     | 21.674   | 3120       | 3126     | 3130      | rBV2  | 685321      | 967512     | 88.00%       | 8.570%     |

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Instrument :  
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ClientSampleId :  
C0D03RX

## Integration Parameters: LSCINT.P

Integrator: RTE  
Smoothing : OFF  
Sampling : 1  
Start Thrs: 0.2  
Stop Thrs : 0  
Filtering: 5  
Min Area: 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\SOM-EPA-BM071318MA.M  
Title : SVOA CALIBRATION

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 35 | 21.774 | 3140 | 3143 | 3148 | rVB  | 61082  | 68612  | 6.24%  | 0.608% |
| 36 | 22.221 | 3217 | 3219 | 3228 | rVB2 | 58157  | 69886  | 6.36%  | 0.619% |
| 37 | 22.715 | 3298 | 3303 | 3308 | rBV2 | 222424 | 346436 | 31.51% | 3.069% |
| 38 | 23.880 | 3496 | 3501 | 3507 | rBV  | 372090 | 681805 | 62.02% | 6.039% |
| 39 | 24.033 | 3521 | 3527 | 3536 | rVB  | 326018 | 661396 | 60.16% | 5.858% |

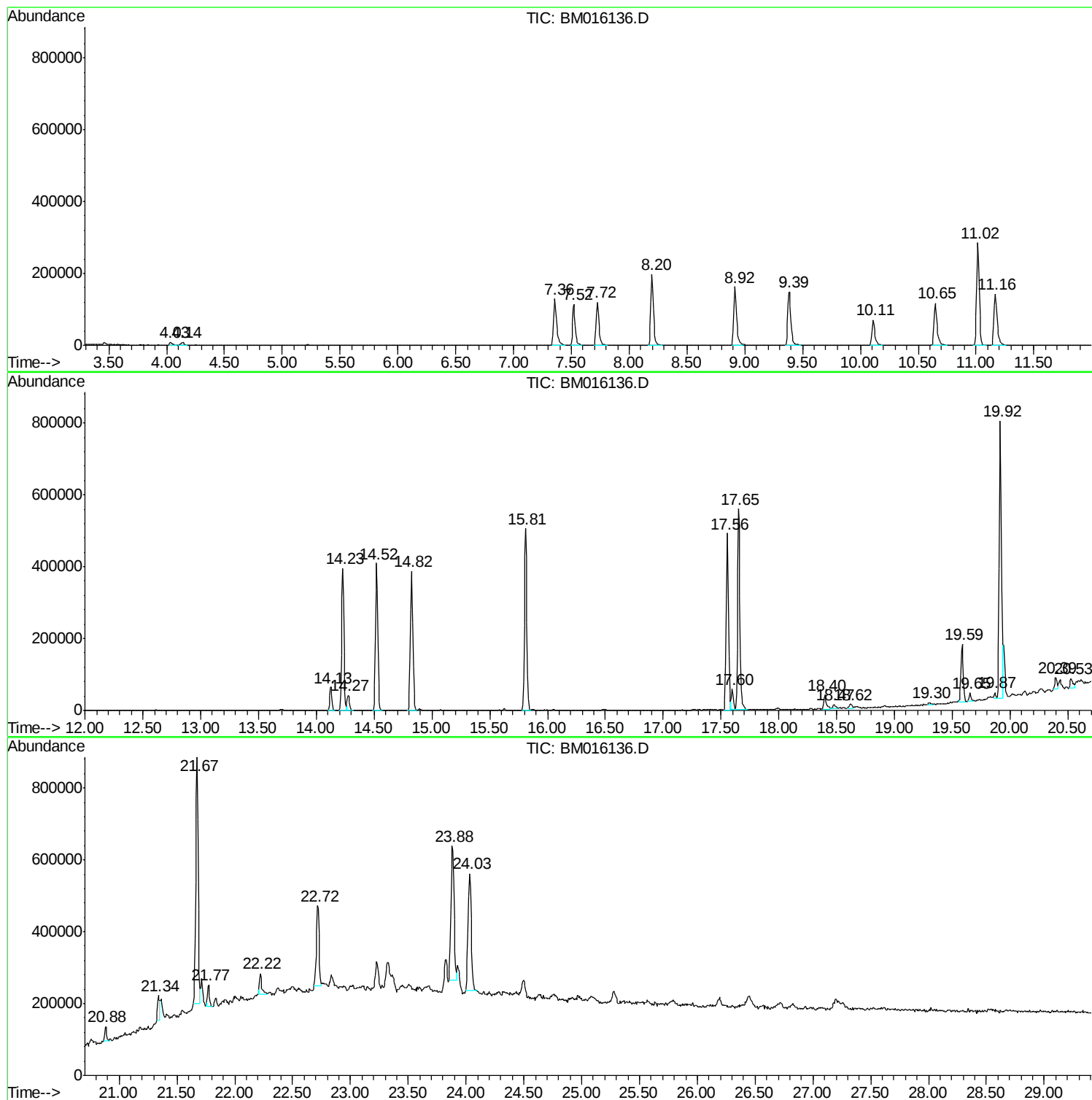
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM071318MA.M  
Quant Title : SVOA CALIBRATION

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



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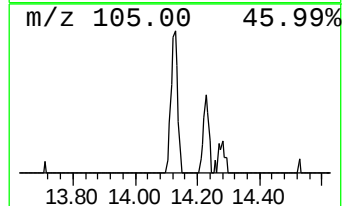
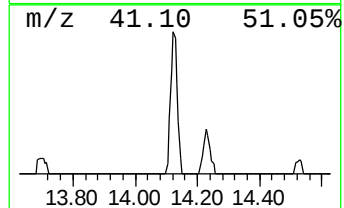
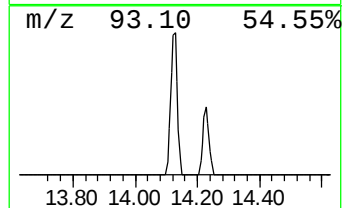
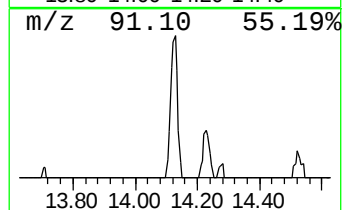
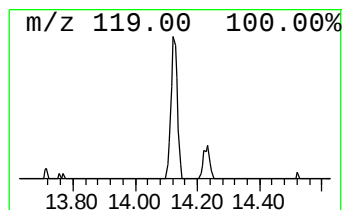
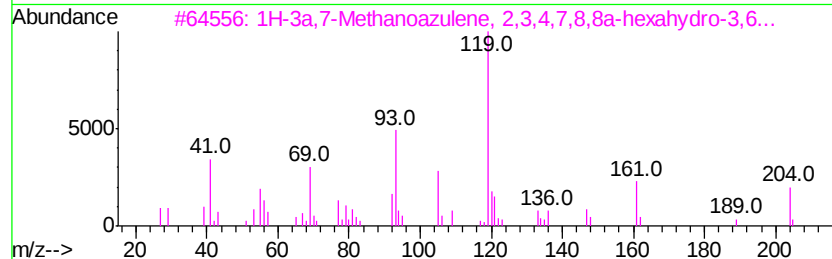
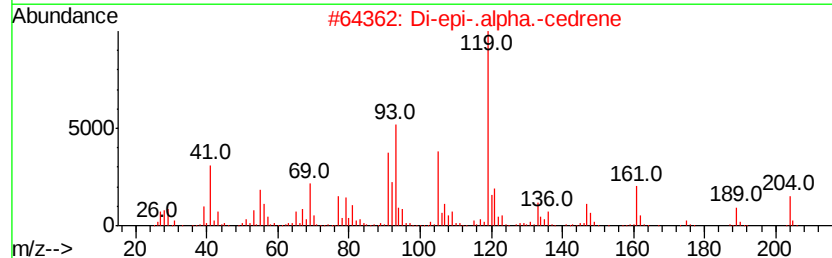
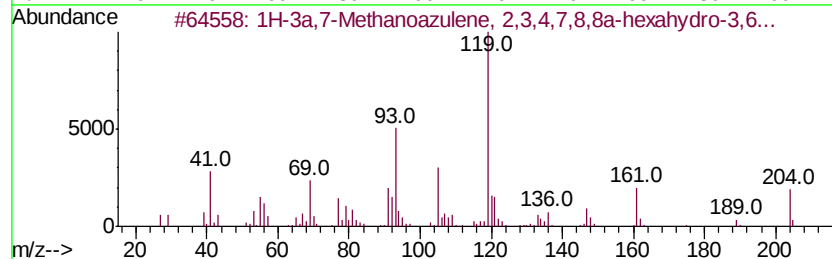
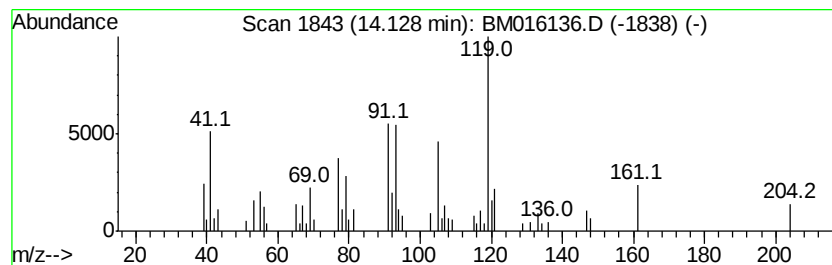
Instrument :  
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ClientSampleId :  
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM071318MA.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 1 1H-3a,7-Methanoazulene, 2,3... Concentration Rank 2

| R.T.    | EstConc                             | Area         | Relative to ISTD | R.T.      |
|---------|-------------------------------------|--------------|------------------|-----------|
| 14.13   | 3.07 ng/ul                          | 89668        | Acenaphthene-d10 | 14.82     |
| Hit# of | 5                                   | Tentative ID | MW MolForm       | CAS# Qual |
| 1       | 1H-3a,7-Methanoazulene, 2,3,4,7,... | 204 C15H24   | 000469-61-4      | 94        |
| 2       | Di-epi-.alpha.-cedrene              | 204 C15H24   | 050894-66-1      | 93        |
| 3       | 1H-3a,7-Methanoazulene, 2,3,4,7,... | 204 C15H24   | 000469-61-4      | 90        |
| 4       | .beta.-curcumene                    | 204 C15H24   | 1000374-17-4     | 87        |
| 5       | 1H-Cycloprop[e]azulene, decahydr... | 204 C15H24   | 072747-25-2      | 70        |



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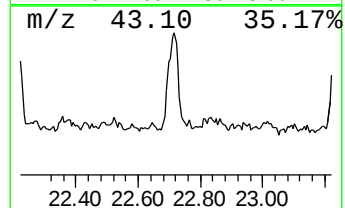
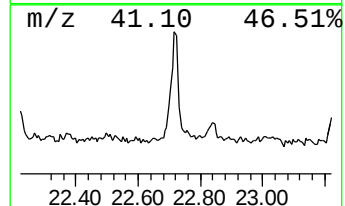
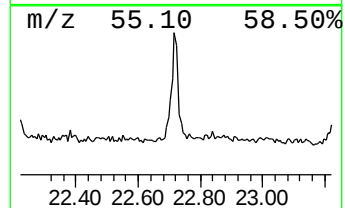
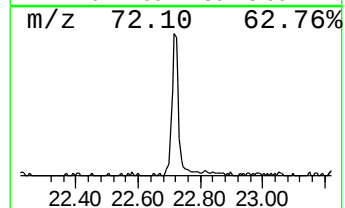
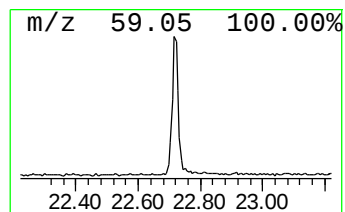
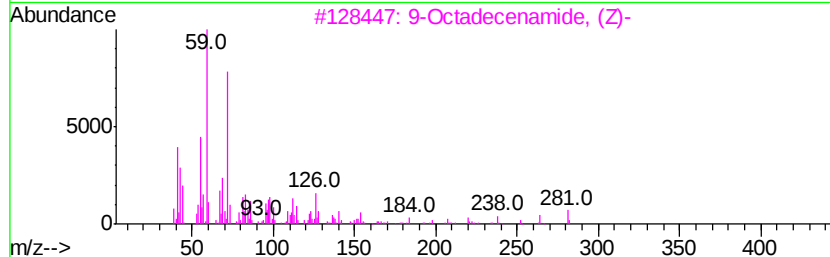
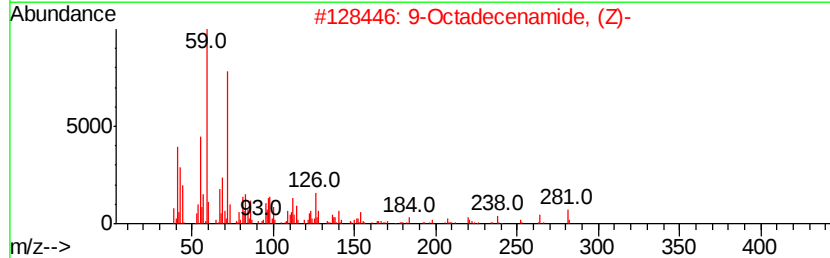
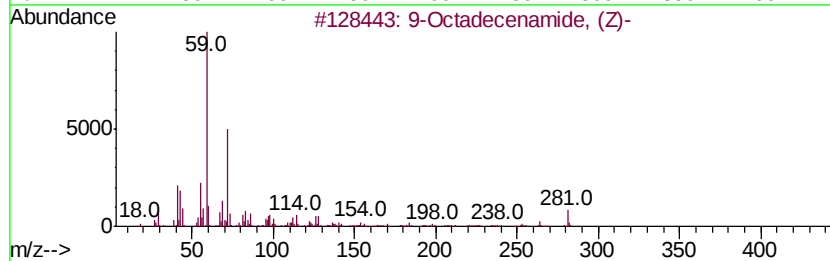
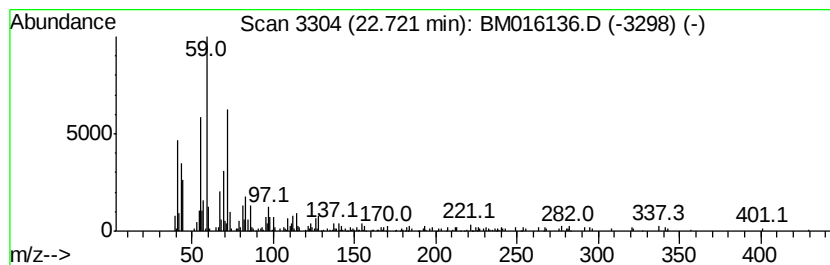
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Peak Number 2 9-Octadecenamide, (Z)- Concentration Rank 1

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 22.72 | 7.16 ng/ul | 346436 | Chrysene-d12     | 21.67 |

| Hit# | of | Tentative ID           | MW  | MolForm  | CAS#        | Qual |
|------|----|------------------------|-----|----------|-------------|------|
| 1    | 5  | 9-Octadecenamide, (Z)- | 281 | C18H35NO | 000301-02-0 | 91   |
| 2    |    | 9-Octadecenamide, (Z)- | 281 | C18H35NO | 000301-02-0 | 91   |
| 3    |    | 9-Octadecenamide, (Z)- | 281 | C18H35NO | 000301-02-0 | 91   |
| 4    |    | 9-Octadecenamide, (Z)- | 281 | C18H35NO | 000301-02-0 | 87   |
| 5    |    | 13-Docosenamide, (Z)-  | 337 | C22H43NO | 000112-84-5 | 81   |



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| TIC Top Hit name       | RT    | EstConc | Units | Response | ---Internal Standard--- |       |        |      |
|------------------------|-------|---------|-------|----------|-------------------------|-------|--------|------|
|                        |       |         |       |          | #                       | RT    | Resp   | Conc |
| 1H-3a,7-Methanoaz...   | 14.13 | 3.1     | ng/ul | 89668    | 3                       | 14.82 | 585057 | 20.0 |
| 9-Octadecenamamide,... | 22.72 | 7.2     | ng/ul | 346436   | 5                       | 21.67 | 967512 | 20.0 |