

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102919\  
 Data File : BM023483.D  
 Acq On : 30 Oct 2019 15:51  
 Operator : JU  
 Sample : K5434-10  
 Misc :  
 ALS Vial : 50 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 JLNH1

## 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\SOM-EPA-BM102319MA.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      | 6.799    | 642        | 648      | 660       | rVB2  | 1147980     | 2040477    | 7.86%        | 1.229%     |
| 2      | 6.957    | 670        | 675      | 687       | rVB   | 862945      | 1383429    | 5.33%        | 0.833%     |
| 3      | 7.151    | 702        | 708      | 717       | rBV   | 1172320     | 1845271    | 7.11%        | 1.111%     |
| 4      | 7.616    | 780        | 787      | 797       | rBV   | 1583211     | 2512089    | 9.67%        | 1.513%     |
| 5      | 8.328    | 901        | 908      | 916       | rBV   | 1130805     | 1816738    | 7.00%        | 1.094%     |
| 6      | 8.398    | 916        | 920      | 931       | rVB4  | 51475       | 121626     | 0.47%        | 0.073%     |
| 7      | 8.763    | 975        | 982      | 990       | rBV   | 1074077     | 1789299    | 6.89%        | 1.077%     |
| 8      | 9.234    | 1058       | 1062     | 1071      | rVB2  | 24386       | 43802      | 0.17%        | 0.026%     |
| 9      | 9.487    | 1098       | 1105     | 1112      | rBV   | 839092      | 1407230    | 5.42%        | 0.847%     |
| 10     | 10.022   | 1188       | 1196     | 1208      | rBV   | 1417745     | 2342028    | 9.02%        | 1.410%     |
| 11     | 10.392   | 1251       | 1259     | 1270      | rBV   | 2148513     | 3580602    | 13.79%       | 2.156%     |
| 12     | 10.534   | 1276       | 1283     | 1299      | rBV   | 1049294     | 1907024    | 7.34%        | 1.148%     |
| 13     | 11.992   | 1525       | 1531     | 1536      | rBV3  | 23894       | 39101      | 0.15%        | 0.024%     |
| 14     | 13.680   | 1812       | 1818     | 1823      | rBV   | 2462080     | 3560563    | 13.71%       | 2.144%     |
| 15     | 13.727   | 1823       | 1826     | 1833      | rVB   | 1013353     | 1358877    | 5.23%        | 0.818%     |
| 16     | 13.957   | 1858       | 1865     | 1878      | rBV   | 2897600     | 4305242    | 16.58%       | 2.592%     |
| 17     | 14.263   | 1910       | 1917     | 1928      | rBV   | 3171670     | 4763885    | 18.35%       | 2.868%     |
| 18     | 14.480   | 1948       | 1954     | 1974      | rBV   | 674509      | 1315196    | 5.07%        | 0.792%     |
| 19     | 14.633   | 1976       | 1980     | 1986      | rVB8  | 22122       | 38725      | 0.15%        | 0.023%     |
| 20     | 14.698   | 1986       | 1991     | 1995      | rBV5  | 74914       | 112795     | 0.43%        | 0.068%     |
| 21     | 15.098   | 2050       | 2059     | 2061      | rBV7  | 15467       | 30893      | 0.12%        | 0.019%     |
| 22     | 15.263   | 2080       | 2087     | 2098      | rBV   | 3782915     | 5384655    | 20.74%       | 3.242%     |
| 23     | 15.386   | 2102       | 2108     | 2123      | rVV   | 749722      | 1135001    | 4.37%        | 0.683%     |
| 24     | 15.504   | 2123       | 2128     | 2135      | rVB2  | 43021       | 67405      | 0.26%        | 0.041%     |
| 25     | 16.568   | 2305       | 2309     | 2315      | rVB   | 36699       | 49258      | 0.19%        | 0.030%     |
| 26     | 16.804   | 2343       | 2349     | 2352      | rBV4  | 17836       | 31917      | 0.12%        | 0.019%     |
| 27     | 17.010   | 2378       | 2384     | 2395      | rBV2  | 3788107     | 5522902    | 21.27%       | 3.325%     |
| 28     | 17.110   | 2395       | 2401     | 2413      | rVV   | 4313238     | 5923489    | 22.81%       | 3.566%     |
| 29     | 17.933   | 2537       | 2541     | 2546      | rBV2  | 77654       | 114172     | 0.44%        | 0.069%     |
| 30     | 18.233   | 2590       | 2592     | 2597      | rVB6  | 25254       | 27347      | 0.11%        | 0.016%     |
| 31     | 18.321   | 2602       | 2607     | 2613      | rVV6  | 62528       | 102404     | 0.39%        | 0.062%     |
| 32     | 18.398   | 2617       | 2620     | 2626      | rVB7  | 21172       | 34553      | 0.13%        | 0.021%     |
| 33     | 19.045   | 2727       | 2730     | 2733      | rBV   | 41490       | 46759      | 0.18%        | 0.028%     |
| 34     | 19.298   | 2770       | 2773     | 2779      | rVB   | 42235       | 55271      | 0.21%        | 0.033%     |

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Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |          |         |         |
|----|--------|------|------|------|------|---------|----------|---------|---------|
| 35 | 19.409 | 2786 | 2792 | 2799 | rBV  | 5202216 | 7177411  | 27.64%  | 4.321%  |
| 36 | 19.998 | 2888 | 2892 | 2896 | rVB  | 200935  | 220789   | 0.85%   | 0.133%  |
| 37 | 20.521 | 2978 | 2981 | 2982 | rBV2 | 200268  | 237397   | 0.91%   | 0.143%  |
| 38 | 20.545 | 2982 | 2985 | 2990 | rVB  | 842137  | 1009717  | 3.89%   | 0.608%  |
| 39 | 20.827 | 3030 | 3033 | 3036 | rBV2 | 169296  | 217878   | 0.84%   | 0.131%  |
| 40 | 20.868 | 3036 | 3040 | 3048 | rVB  | 1370914 | 1957644  | 7.54%   | 1.179%  |
| 41 | 20.956 | 3051 | 3055 | 3060 | rVV  | 1341176 | 1528839  | 5.89%   | 0.921%  |
| 42 | 21.074 | 3071 | 3075 | 3081 | rBV3 | 359632  | 699001   | 2.69%   | 0.421%  |
| 43 | 21.209 | 3093 | 3098 | 3104 | rBV  | 5024844 | 6389856  | 24.61%  | 3.847%  |
| 44 | 21.392 | 3127 | 3129 | 3133 | rVB2 | 204493  | 197051   | 0.76%   | 0.119%  |
| 45 | 21.821 | 3198 | 3202 | 3211 | rBV  | 2198119 | 2844770  | 10.96%  | 1.713%  |
| 46 | 22.280 | 3277 | 3280 | 3283 | rBV  | 290492  | 345478   | 1.33%   | 0.208%  |
| 47 | 22.774 | 3361 | 3364 | 3368 | rBV  | 680320  | 884193   | 3.41%   | 0.532%  |
| 48 | 23.262 | 3441 | 3447 | 3454 | rBV  | 4126338 | 7482179  | 28.82%  | 4.505%  |
| 49 | 23.397 | 3464 | 3470 | 3481 | rVB  | 3981128 | 7587902  | 29.22%  | 4.569%  |
| 50 | 26.791 | 4036 | 4047 | 4055 | rBV2 | 8172924 | 25965145 | 100.00% | 15.633% |
| 51 | 26.874 | 4056 | 4061 | 4071 | rVB2 | 1712931 | 4537608  | 17.48%  | 2.732%  |
| 52 | 27.144 | 4100 | 4107 | 4119 | rVV5 | 1466158 | 4974920  | 19.16%  | 2.995%  |
| 53 | 27.297 | 4123 | 4133 | 4153 | rVB3 | 6393504 | 23026515 | 88.68%  | 13.864% |
| 54 | 29.238 | 4453 | 4463 | 4485 | rVB2 | 3333853 | 13993059 | 53.89%  | 8.425%  |

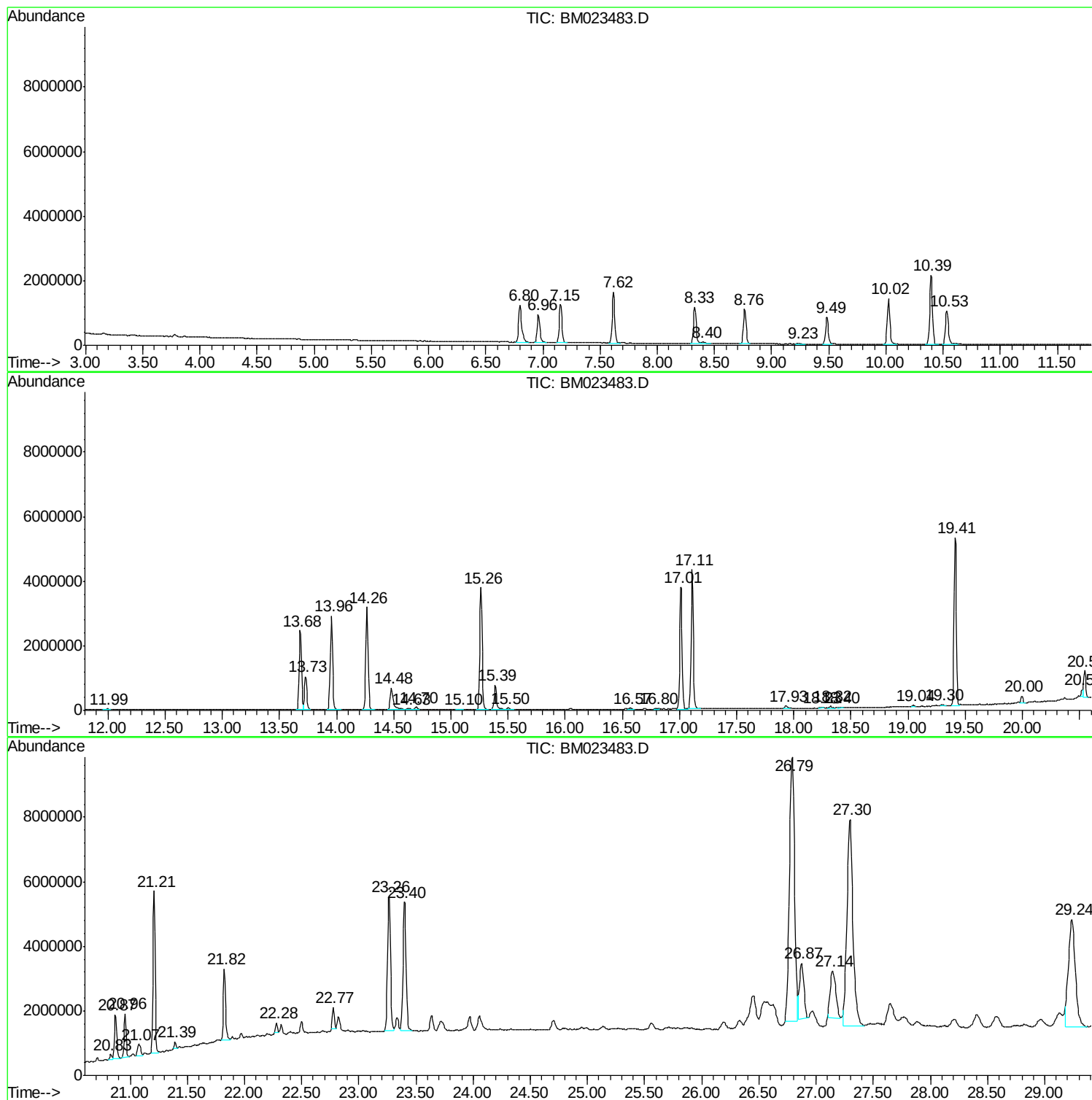
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM102319MA.M  
Quant Title : SVOA CALIBRATION

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



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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM102319MA.M  
Quant Title : SVOA CALIBRATION

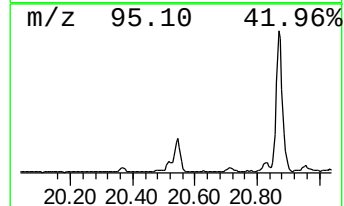
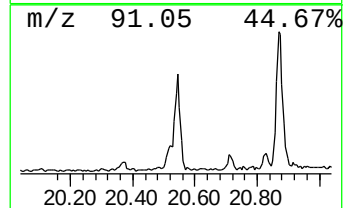
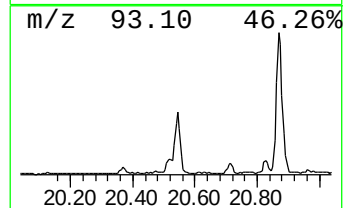
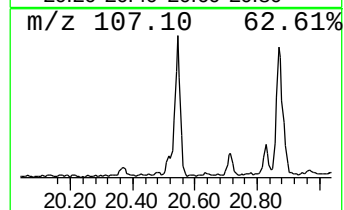
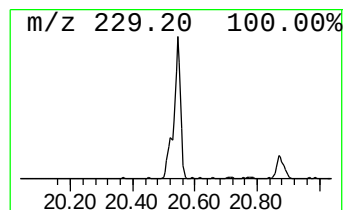
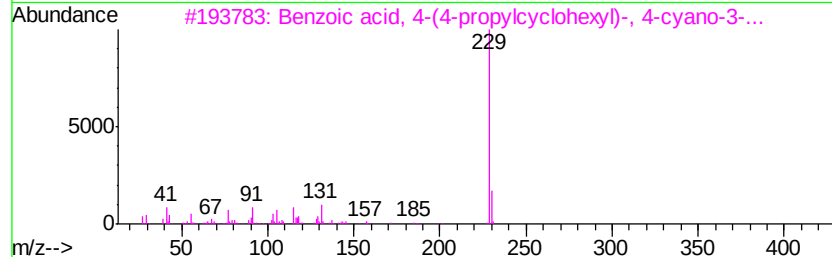
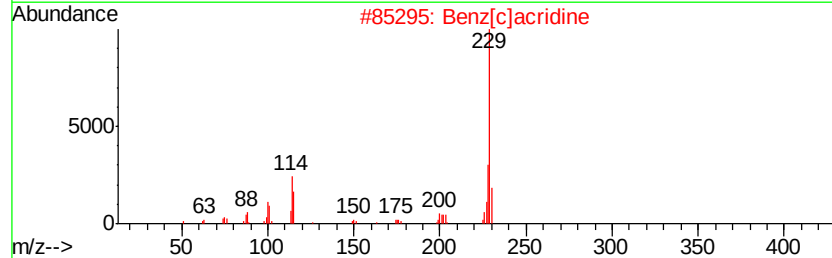
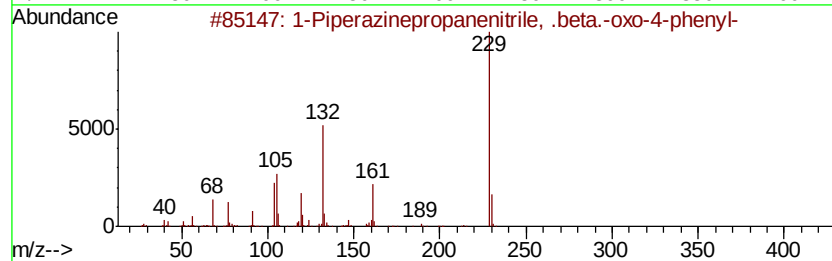
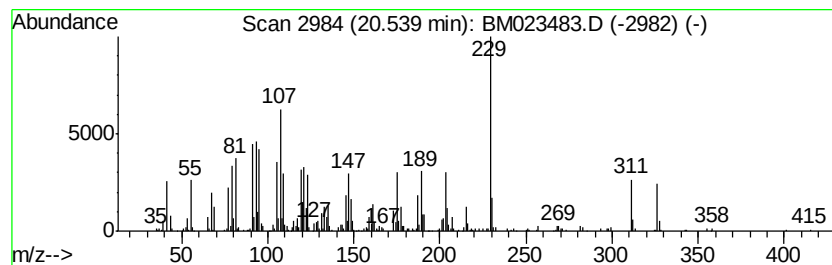
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 unknown-01 Concentration Rank 9

| R.T.  | EstConc    | Area    | Relative to ISTD | R.T.  |
|-------|------------|---------|------------------|-------|
| 20.54 | 3.16 ng/ul | 1009720 | Chrysene-d12     | 21.21 |

| Hit# of | 5 | Tentative ID                        | MW  | MolForm    | CAS#        | Qual |
|---------|---|-------------------------------------|-----|------------|-------------|------|
| 1       |   | 1-Piperazinepropanenitrile, .bet... | 229 | C13H15N3O  | 014761-40-1 | 30   |
| 2       |   | Benz[c]acridine                     | 229 | C17H11N    | 000225-51-4 | 22   |
| 3       |   | Benzoic acid, 4-(4-propylcyclohe... | 365 | C23H24FN02 | 092118-82-6 | 22   |
| 4       |   | Benzene, 1,3-bis(1-isocyanato-1-... | 244 | C14H16N2O2 | 002778-42-9 | 22   |
| 5       |   | Picric acid                         | 229 | C6H3N3O7   | 000088-89-1 | 14   |



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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM102319MA.M  
Quant Title : SVOA CALIBRATION

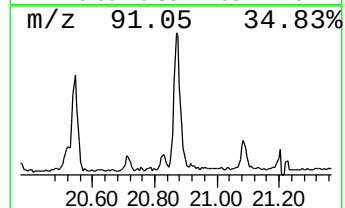
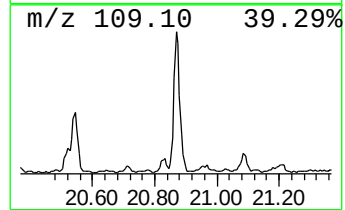
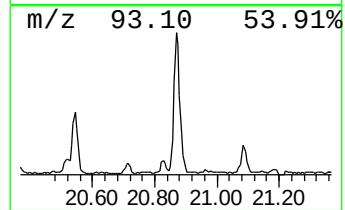
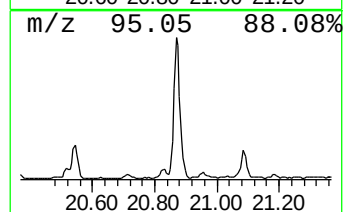
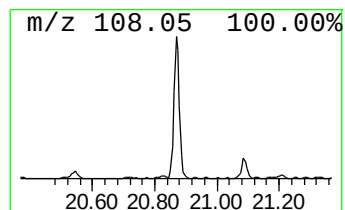
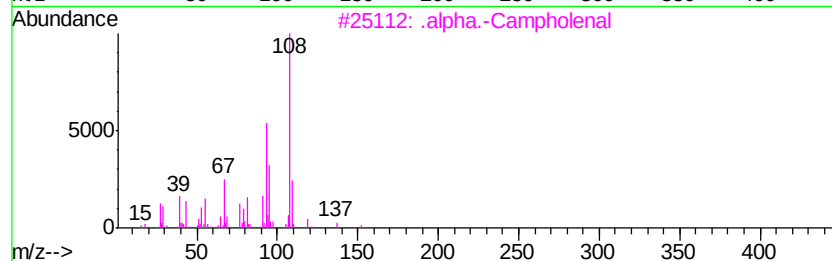
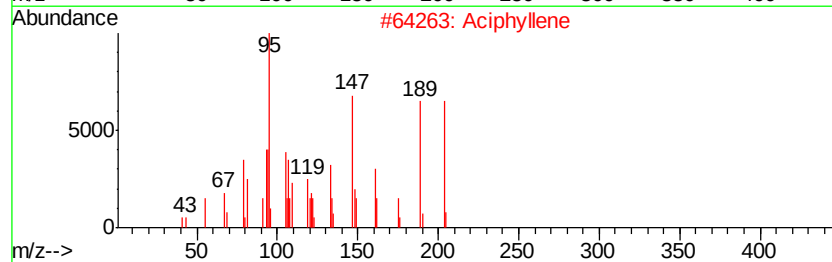
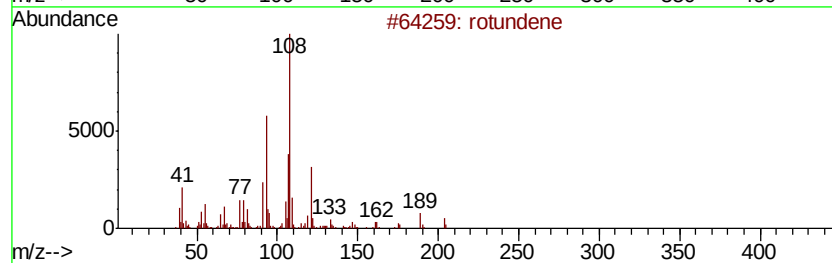
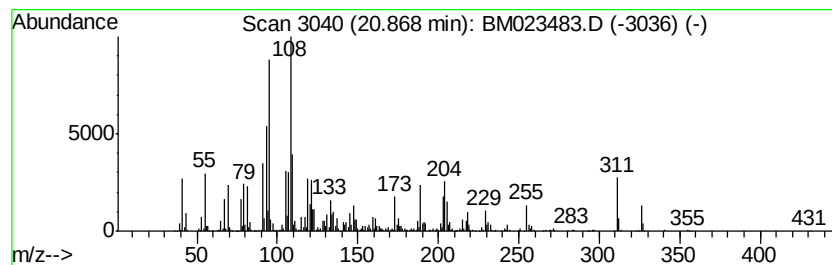
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 2 rotundene Concentration Rank 7

| R.T.  | EstConc    | Area    | Relative to ISTD | R.T.  |
|-------|------------|---------|------------------|-------|
| 20.87 | 6.13 ng/ul | 1957640 | Chrysene-d12     | 21.21 |

| Hit# | of | Tentative ID                        | MW  | MolForm    | CAS#         | Qual |
|------|----|-------------------------------------|-----|------------|--------------|------|
| 1    | 5  | rotundene                           | 204 | C15H24     | 1000374-17-0 | 55   |
| 2    |    | Aciphyllene                         | 204 | C15H24     | 087745-31-1  | 45   |
| 3    |    | .alpha.-Campholenal                 | 152 | C10H16O    | 004501-58-0  | 38   |
| 4    |    | 1H-Benzocycloheptene, 2,4a,5,6,7... | 204 | C15H24     | 003853-83-6  | 30   |
| 5    |    | (3Ar)-(+)-8,8-dimethyl-4,5,6,7-t... | 213 | C10H15NO2S | 107869-45-4  | 30   |



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Quant Title : SVOA CALIBRATION

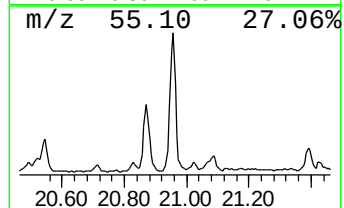
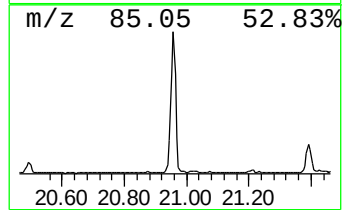
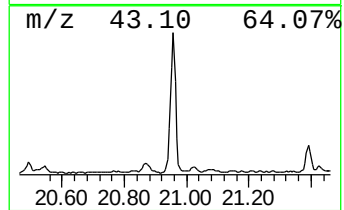
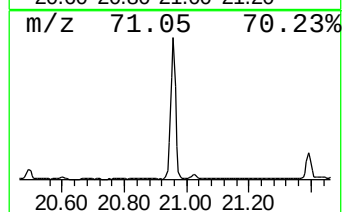
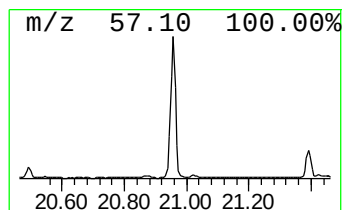
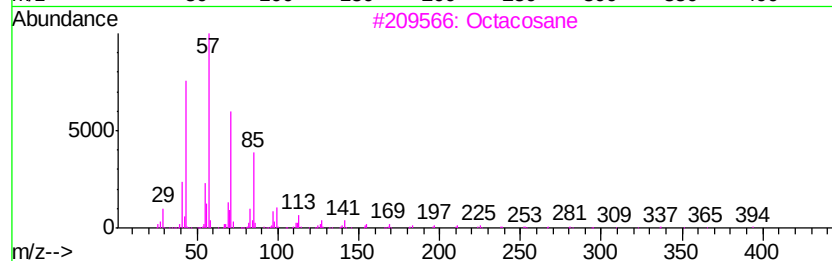
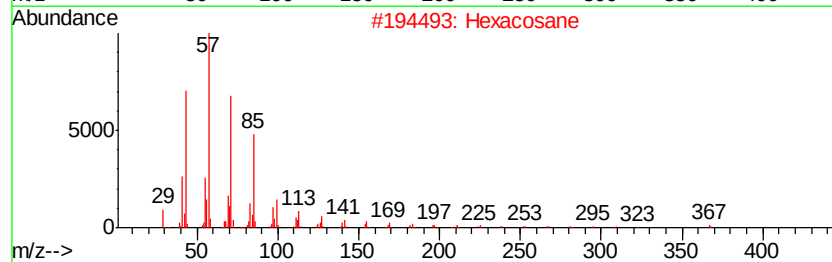
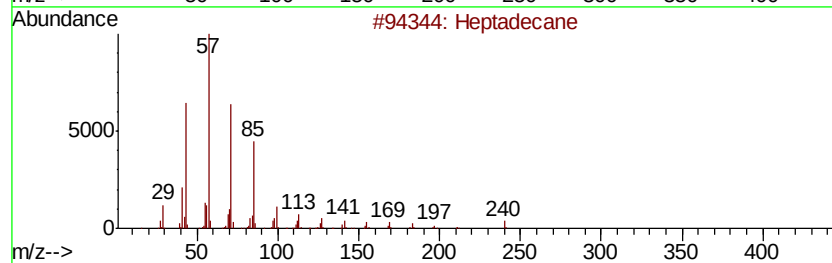
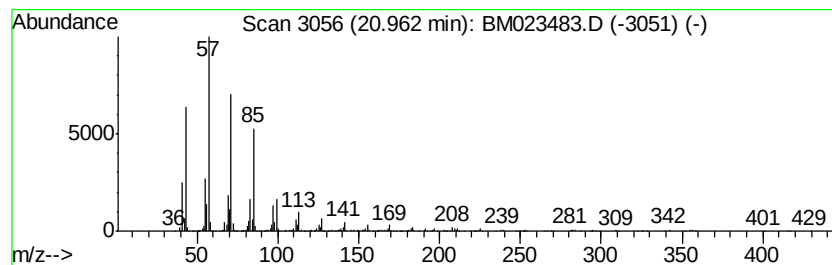
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 8

| R.T.  | EstConc    | Area    | Relative to ISTD | R.T.  |
|-------|------------|---------|------------------|-------|
| 20.96 | 4.79 ng/ul | 1528840 | Chrysene-d12     | 21.21 |

| Hit# | of | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|----|--------------|-----|---------|-------------|------|
| 1    | 5  | Heptadecane  | 240 | C17H36  | 000629-78-7 | 93   |
| 2    |    | Hexacosane   | 366 | C26H54  | 000630-01-3 | 91   |
| 3    |    | Octacosane   | 394 | C28H58  | 000630-02-4 | 91   |
| 4    |    | Tetracosane  | 338 | C24H50  | 000646-31-1 | 91   |
| 5    |    | Octacosane   | 394 | C28H58  | 000630-02-4 | 91   |



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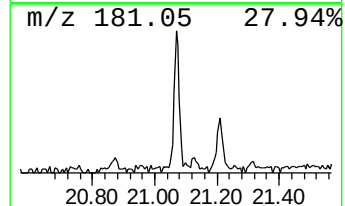
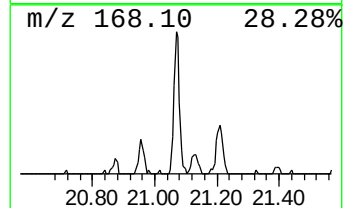
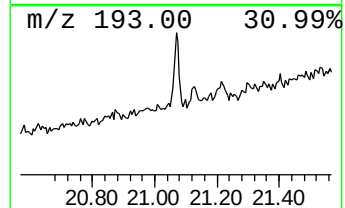
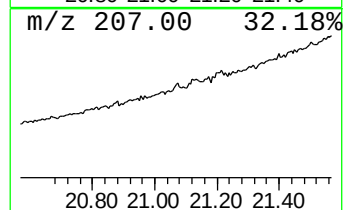
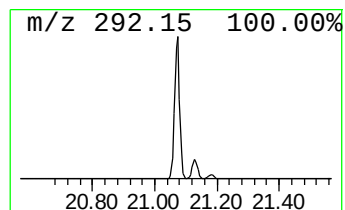
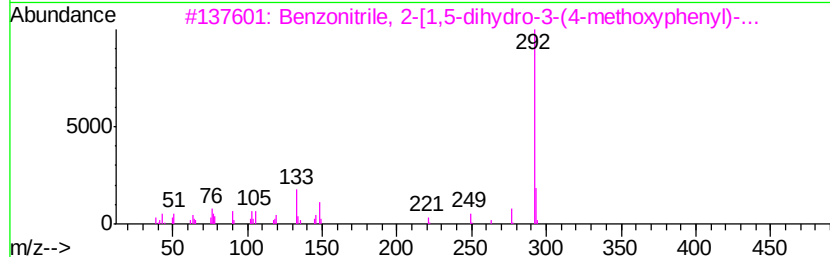
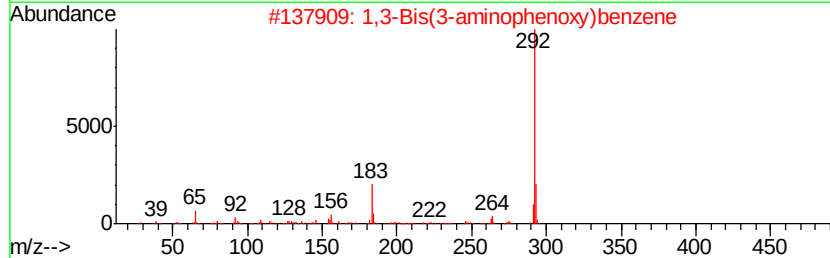
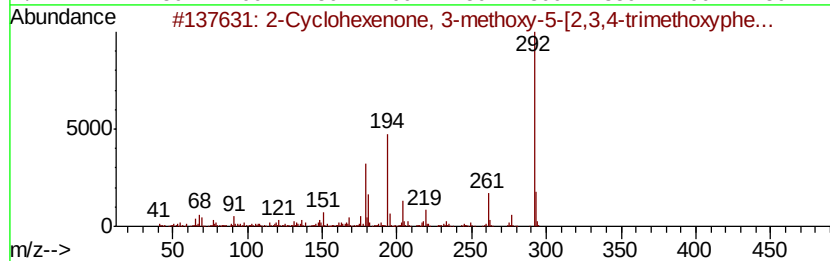
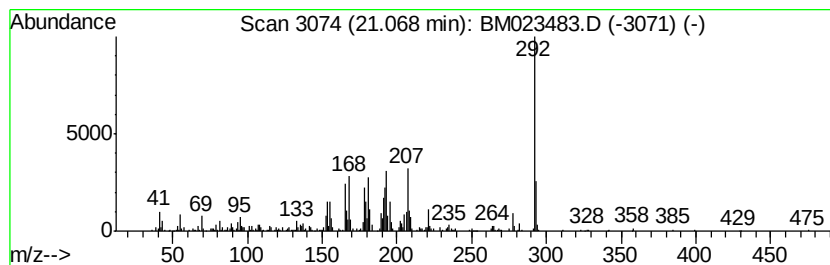
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM102319MA.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 4 unknown-02 Concentration Rank 11

| R.T.    | EstConc                             | Area           | Relative to ISTD | R.T.      |
|---------|-------------------------------------|----------------|------------------|-----------|
| 21.07   | 2.19 ng/ul                          | 699001         | Chrysene-d12     | 21.21     |
| Hit# of | 5                                   | Tentative ID   | MW MolForm       | CAS# Qual |
| 1       | 2-Cyclohexenone, 3-methoxy-5-[2,... | 292 C16H20O5   | 119101-25-6      | 49        |
| 2       | 1,3-Bis(3-aminophenoxy)benzene      | 292 C18H16N2O2 | 010526-07-5      | 38        |
| 3       | Benzonitrile, 2-[1,5-dihydro-3-(... | 292 C16H12N4O2 | 1000349-81-5     | 35        |
| 4       | Cyclohexanofalpyrene, 7,8-difluo... | 292 C20H14F2   | 1000116-80-4     | 30        |
| 5       | 2,4-Diamino-5-[3,4,5-trimethoxyp... | 292 C13H16N4O4 | 034594-35-9      | 30        |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102919\  
Data File : BM023483.D  
Acq On : 30 Oct 2019 15:51  
Operator : JU  
Sample : K5434-10  
Misc :  
ALS Vial : 50 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
JLNH1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM102319MA.M  
Quant Title : SVOA CALIBRATION

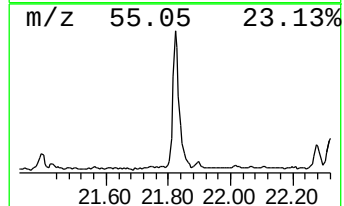
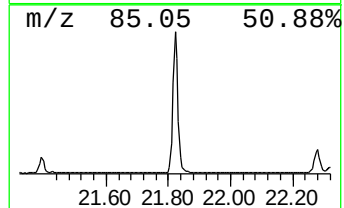
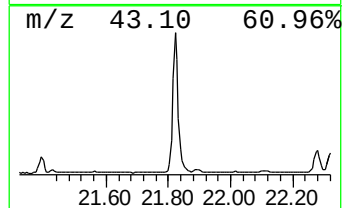
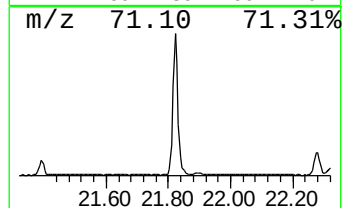
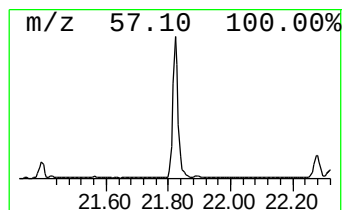
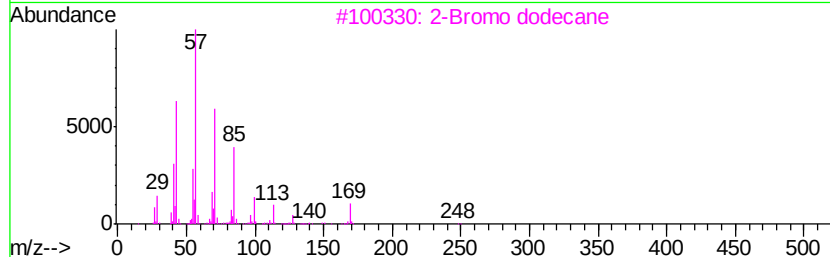
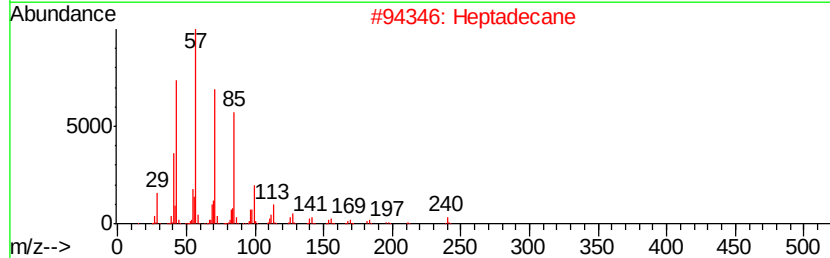
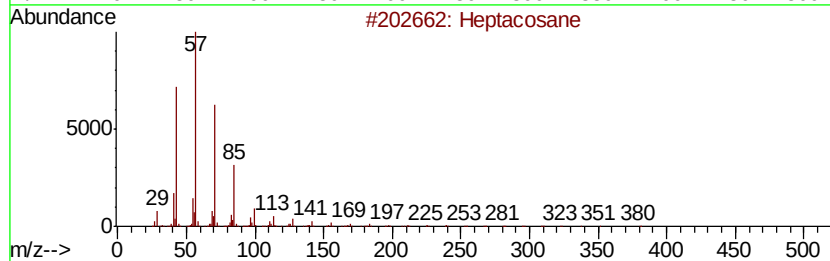
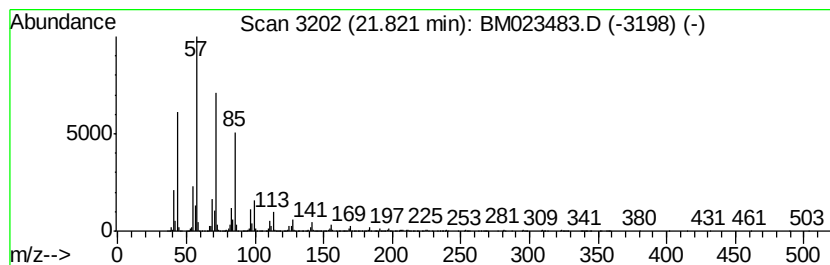
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TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 6

| R.T.  | EstConc    | Area    | Relative to ISTD | R.T.  |
|-------|------------|---------|------------------|-------|
| 21.82 | 8.90 ng/ul | 2844770 | Chrysene-d12     | 21.21 |

| Hit# | of | Tentative ID                     | MW  | MolForm  | CAS#        | Qual |
|------|----|----------------------------------|-----|----------|-------------|------|
| 1    | 5  | Heptacosane                      | 380 | C27H56   | 000593-49-7 | 98   |
| 2    |    | Heptadecane                      | 240 | C17H36   | 000629-78-7 | 93   |
| 3    |    | 2-Bromo dodecane                 | 248 | C12H25Br | 013187-99-0 | 93   |
| 4    |    | Heneicosane                      | 296 | C21H44   | 000629-94-7 | 91   |
| 5    |    | Heneicosane, 11-(1-ethylpropyl)- | 366 | C26H54   | 055282-11-6 | 91   |





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102919\  
Data File : BM023483.D  
Acq On : 30 Oct 2019 15:51  
Operator : JU  
Sample : K5434-10  
Misc :  
ALS Vial : 50 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM102319MA.M  
Quant Title : SVOA CALIBRATION

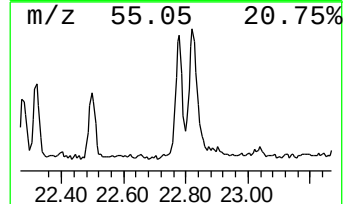
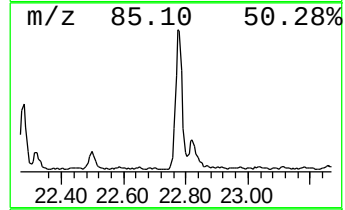
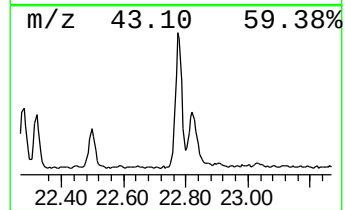
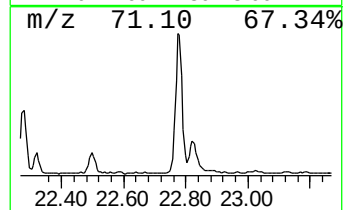
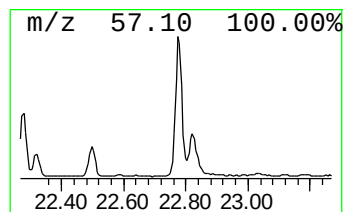
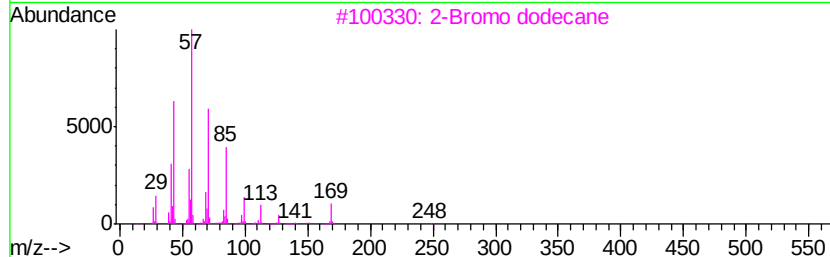
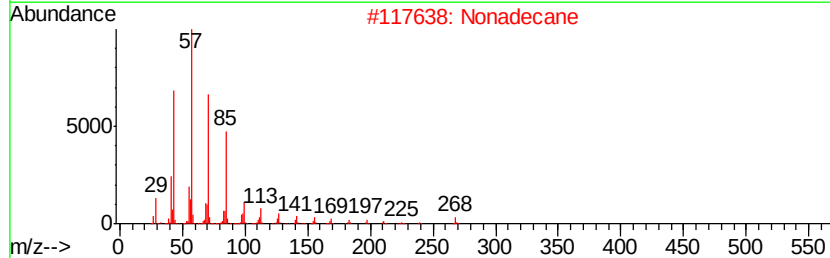
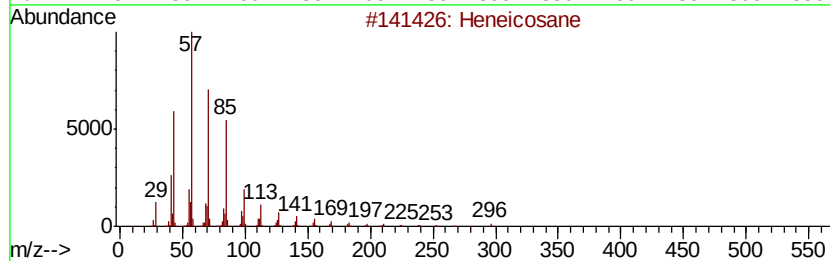
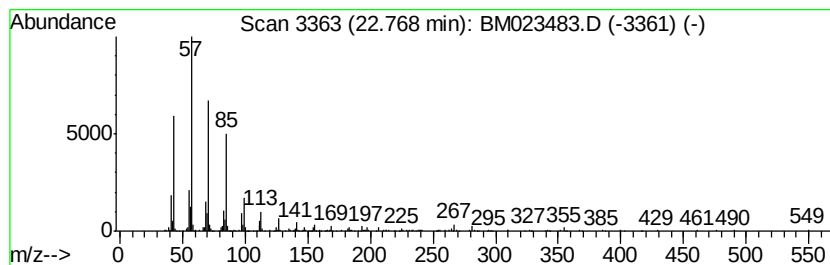
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 10

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 22.77 | 2.33 ng/ul | 884193 | Perylene-d12     | 23.40 |

| Hit# | of | Tentative ID     | MW  | MolForm  | CAS#        | Qual |
|------|----|------------------|-----|----------|-------------|------|
| 1    | 5  | Heneicosane      | 296 | C21H44   | 000629-94-7 | 97   |
| 2    |    | Nonadecane       | 268 | C19H40   | 000629-92-5 | 93   |
| 3    |    | 2-Bromo dodecane | 248 | C12H25Br | 013187-99-0 | 93   |
| 4    |    | Hexacosane       | 366 | C26H54   | 000630-01-3 | 90   |
| 5    |    | Tetracosane      | 338 | C24H50   | 000646-31-1 | 90   |





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102919\  
Data File : BM023483.D  
Acq On : 30 Oct 2019 15:51  
Operator : JU  
Sample : K5434-10  
Misc :  
ALS Vial : 50 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
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Quant Title : SVOA CALIBRATION

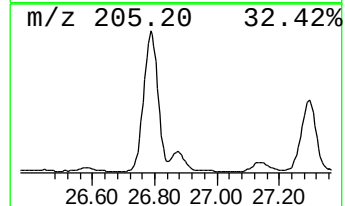
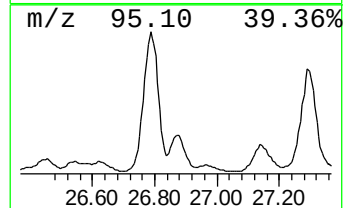
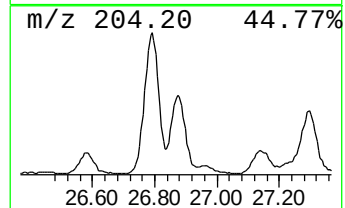
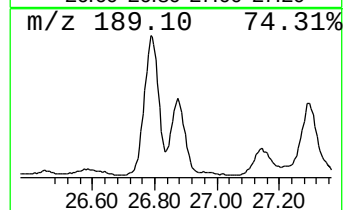
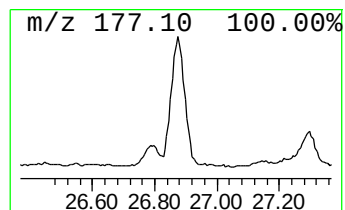
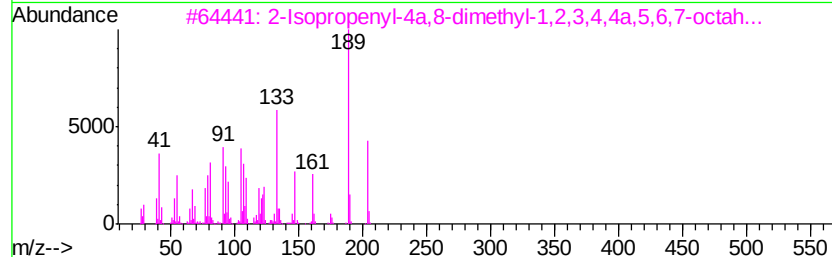
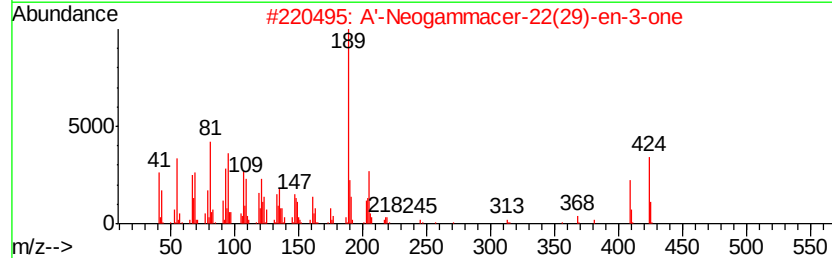
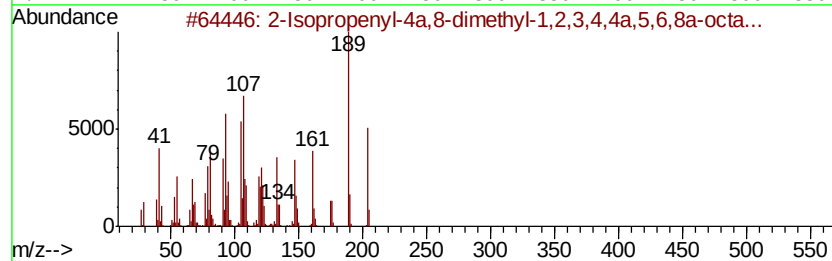
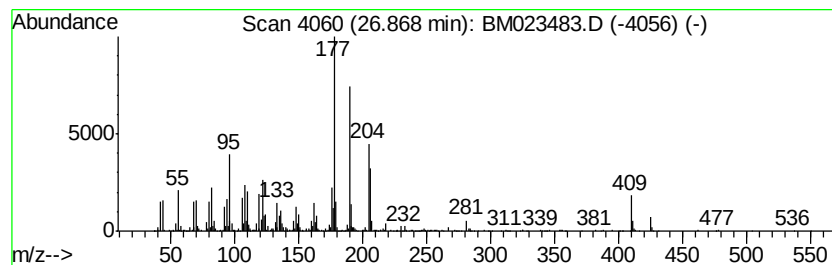
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 8 unknown-03 Concentration Rank 5

| R.T.  | EstConc     | Area    | Relative to ISTD | R.T.  |
|-------|-------------|---------|------------------|-------|
| 26.87 | 11.96 ng/ul | 4537610 | Perylene-d12     | 23.40 |

| Hit# | of | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|-------------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 2-Isopropenyl-4a,8-dimethyl-1,2,... | 204 | C15H24    | 1000193-57-0 | 45   |
| 2    |    | A'-Neogammacer-22(29)-en-3-one      | 424 | C30H48O   | 025615-11-6  | 38   |
| 3    |    | 2-Isopropenyl-4a,8-dimethyl-1,2,... | 204 | C15H24    | 1000192-43-5 | 35   |
| 4    |    | 3,4-Dihydrocoumarin, 4,4,7,8-tet... | 204 | C13H16O2  | 040614-36-6  | 30   |
| 5    |    | 1-(4,5-Dimethyl-6H-thiopyran-2-y... | 204 | C9H10F2OS | 1000318-25-0 | 30   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102919\  
Data File : BM023483.D  
Acq On : 30 Oct 2019 15:51  
Operator : JU  
Sample : K5434-10  
Misc :  
ALS Vial : 50 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
JLNH1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM102319MA.M  
Quant Title : SVOA CALIBRATION

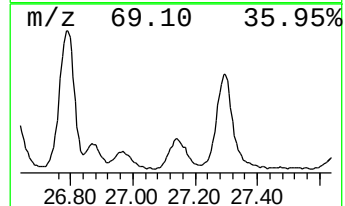
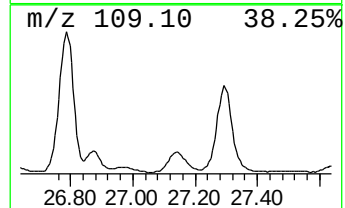
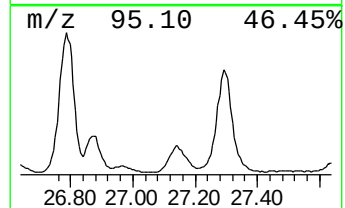
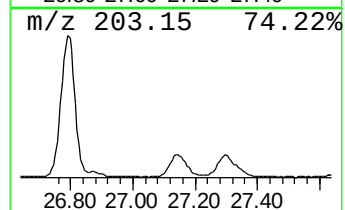
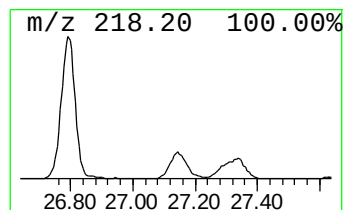
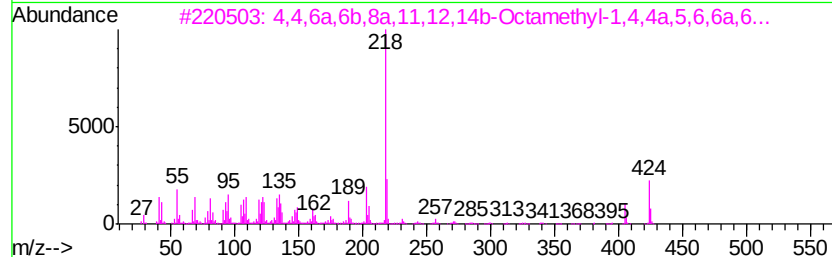
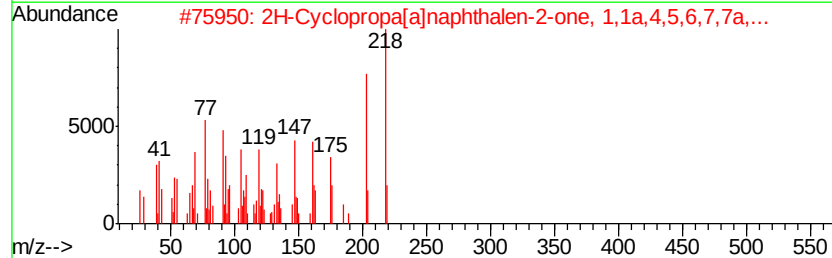
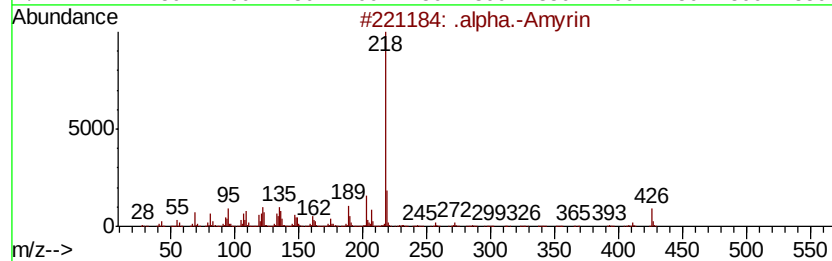
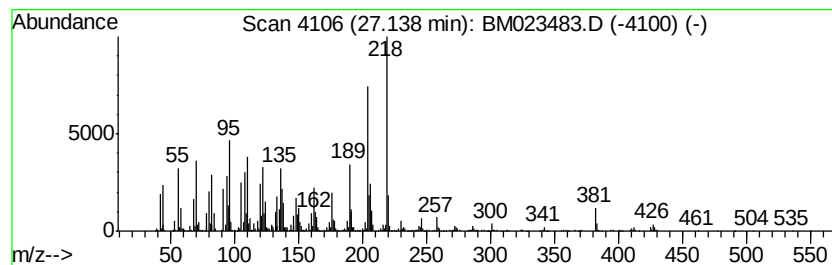
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 9 .alpha.-Amyrin Concentration Rank 4

| R.T.  | EstConc     | Area    | Relative to ISTD | R.T.  |
|-------|-------------|---------|------------------|-------|
| 27.14 | 13.11 ng/ul | 4974920 | Perylene-d12     | 23.40 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#         | Qual |
|------|----|-------------------------------------|-----|---------|--------------|------|
| 1    | 5  | .alpha.-Amyrin                      | 426 | C30H500 | 000638-95-9  | 83   |
| 2    |    | 2H-Cyclopropa[alnaphthalen-2-one... | 218 | C15H220 | 006831-17-0  | 70   |
| 3    |    | 4,4,6a,6b,8a,11,12,14b-Octamethv... | 424 | C30H480 | 1000194-64-2 | 64   |
| 4    |    | .alpha.-Amyrin                      | 426 | C30H500 | 000638-95-9  | 49   |
| 5    |    | 2(1H)Naphthalenone, 3,5,6,7,8,8a... | 218 | C15H220 | 1000188-66-5 | 45   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102919\  
Data File : BM023483.D  
Acq On : 30 Oct 2019 15:51  
Operator : JU  
Sample : K5434-10  
Misc :  
ALS Vial : 50 Sample Multiplier: 1

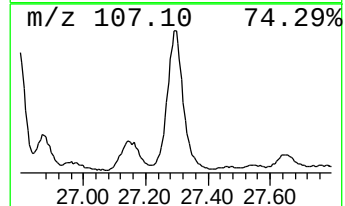
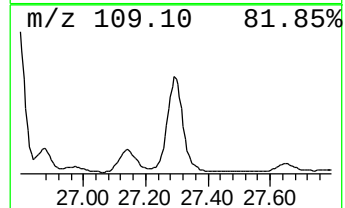
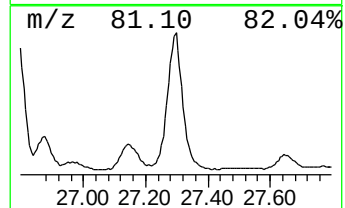
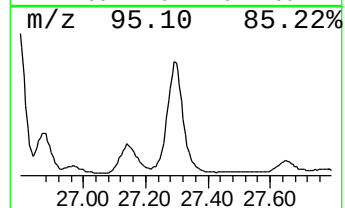
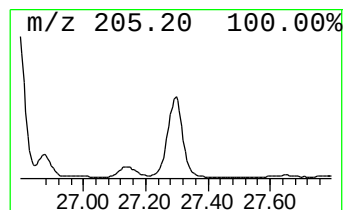
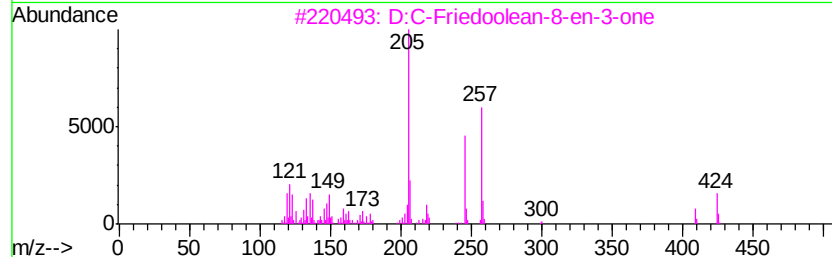
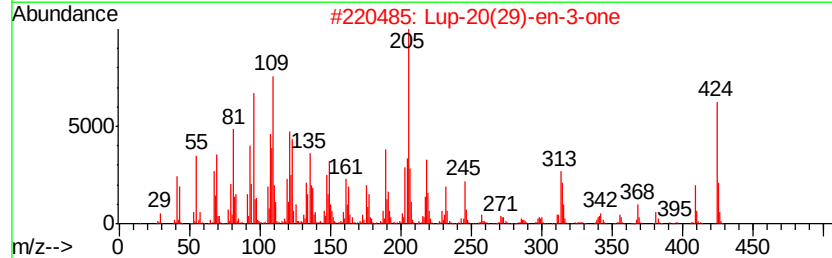
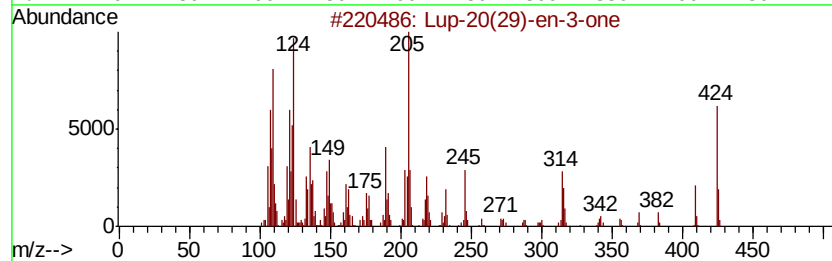
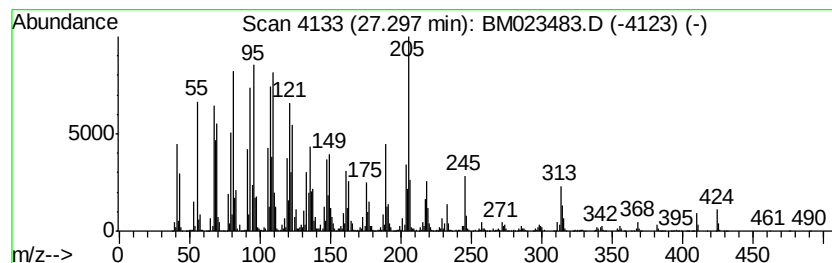
Instrument :  
BNA\_M  
ClientSampleId :  
JLNH1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM102319MA.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 10 Lup-20(29)-en-3-one Concentration Rank 2

| R.T.    | EstConc                             | Area         | Relative to ISTD | R.T.            |
|---------|-------------------------------------|--------------|------------------|-----------------|
| 27.30   | 60.69 ng/ul                         | 23026500     | Perylene-d12     | 23.40           |
| Hit# of | 5                                   | Tentative ID | MW MolForm       | CAS# Qual       |
| 1       | Lup-20(29)-en-3-one                 | 424          | C30H48O          | 001617-70-5 86  |
| 2       | Lup-20(29)-en-3-one                 | 424          | C30H48O          | 001617-70-5 64  |
| 3       | D:C-Friedoolean-8-en-3-one          | 424          | C30H48O          | 022611-26-3 62  |
| 4       | Guaia-9,11-diene                    | 204          | C15H24           | 1000374-19-8 52 |
| 5       | 6,10-Dimethyl-3-(1-methylethylid... | 206          | C15H26           | 069239-71-0 51  |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102919\  
Data File : BM023483.D  
Acq On : 30 Oct 2019 15:51  
Operator : JU  
Sample : K5434-10  
Misc :  
ALS Vial : 50 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
JLNH1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM102319MA.M  
Quant Title : SVOA CALIBRATION

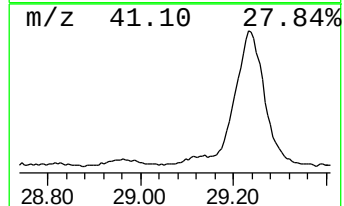
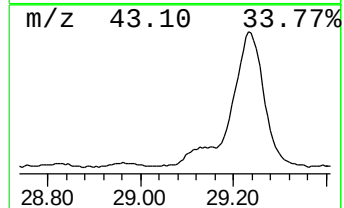
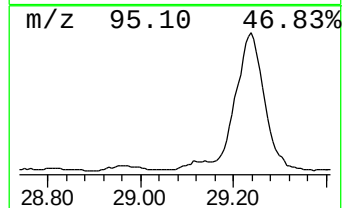
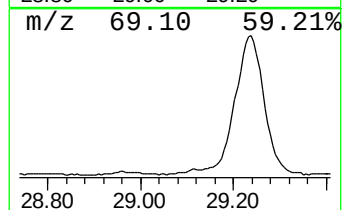
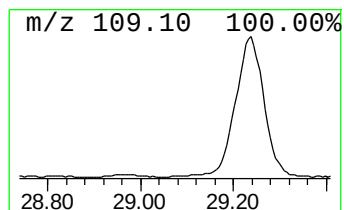
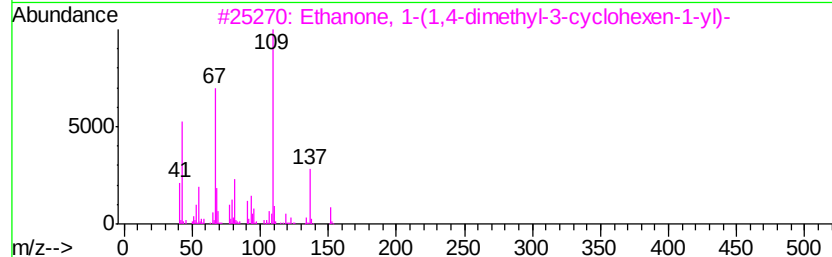
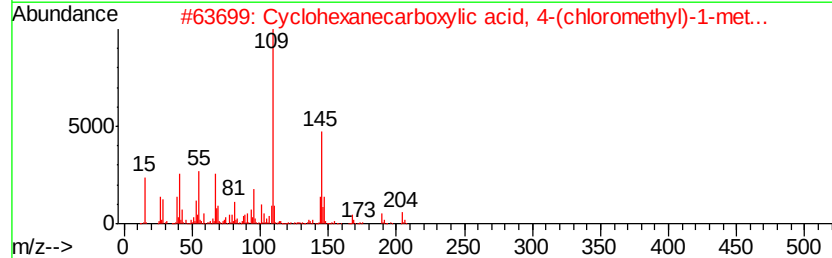
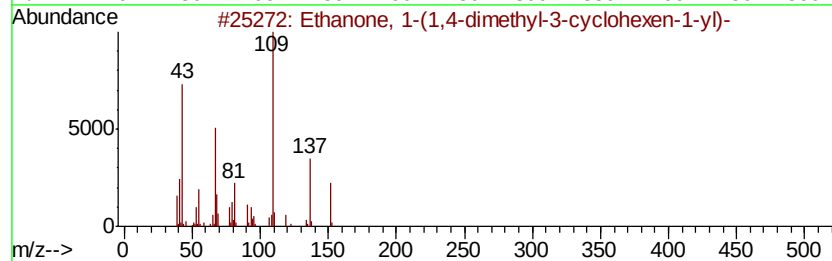
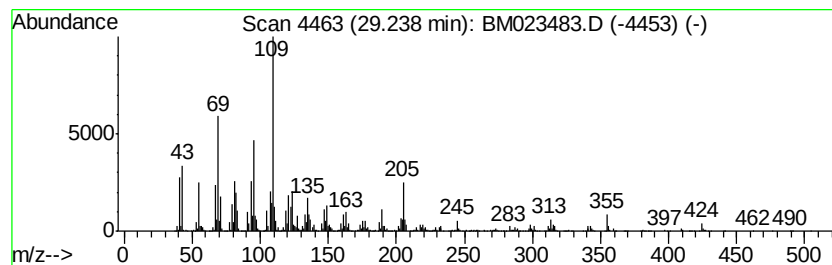
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 11 unknown-04 Concentration Rank 3

| R.T.  | EstConc     | Area     | Relative to ISTD | R.T.  |
|-------|-------------|----------|------------------|-------|
| 29.24 | 36.88 ng/ul | 13993100 | Perylene-d12     | 23.40 |

| Hit# | of | Tentative ID                        | MW  | MolForm    | CAS#         | Qual |
|------|----|-------------------------------------|-----|------------|--------------|------|
| 1    | 5  | Ethanone, 1-(1,4-dimethyl-3-cycl... | 152 | C10H16O    | 043219-68-7  | 38   |
| 2    |    | Cyclohexanecarboxylic acid, 4-(c... | 204 | C10H17ClO2 | 055590-77-7  | 35   |
| 3    |    | Ethanone, 1-(1,4-dimethyl-3-cycl... | 152 | C10H16O    | 043219-68-7  | 35   |
| 4    |    | p-Isopropoxyaniline                 | 151 | C9H13NO    | 007664-66-6  | 30   |
| 5    |    | (+)-(Z)-Longipinane                 | 206 | C15H26     | 1000156-12-3 | 30   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM102919\  
 Data File : BM023483.D  
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 Operator : JU  
 Sample : K5434-10  
 Misc :  
 ALS Vial : 50 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 JLNH1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM102319MA.M  
 Quant Title : SVOA CALIBRATION

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

| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |         |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|---------|------|
|                      |       |         |       |          | #                     | RT    | Resp    | Conc |
| unknown-01           | 20.54 | 3.2     | ng/ul | 1009720  | 5                     | 21.21 | 6389860 | 20.0 |
| rotundene            | 20.87 | 6.1     | ng/ul | 1957640  | 5                     | 21.21 | 6389860 | 20.0 |
| (DEL) Alkane: Str... | 20.96 | 4.8     | ng/ul | 1528840  | 5                     | 21.21 | 6389860 | 20.0 |
| unknown-02           | 21.07 | 2.2     | ng/ul | 699001   | 5                     | 21.21 | 6389860 | 20.0 |
| (DEL) Alkane: Str... | 21.82 | 8.9     | ng/ul | 2844770  | 5                     | 21.21 | 6389860 | 20.0 |
| (DEL) Alkane: Str... | 22.77 | 2.3     | ng/ul | 884193   | 6                     | 23.40 | 7587900 | 20.0 |
| 4,4,6a,6b,8a,11,1... | 26.79 | 68.4    | ng/ul | 25965100 | 6                     | 23.40 | 7587900 | 20.0 |
| unknown-03           | 26.87 | 12.0    | ng/ul | 4537610  | 6                     | 23.40 | 7587900 | 20.0 |
| .alpha.-Amyrin       | 27.14 | 13.1    | ng/ul | 4974920  | 6                     | 23.40 | 7587900 | 20.0 |
| Lup-20(29)-en-3-one  | 27.30 | 60.7    | ng/ul | 23026500 | 6                     | 23.40 | 7587900 | 20.0 |
| unknown-04           | 29.24 | 36.9    | ng/ul | 13993100 | 6                     | 23.40 | 7587900 | 20.0 |