

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070220\  
 Data File : BM026650.D  
 Acq On : 02 Jul 2020 12:32  
 Operator : JU/CG  
 Sample : L3131-04  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BG2L9

## 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-BM063020MA.M  
 Title : SVOA CALIBRATION

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         | 2.946       | 8             | 10          | 20           | rVB      | 29103          | 42751         | 2.07%           | 0.145%        |
| 2         | 3.352       | 76            | 79          | 84           | rVB2     | 8988           | 11510         | 0.56%           | 0.039%        |
| 3         | 3.446       | 91            | 95          | 98           | rBV      | 44654          | 54926         | 2.66%           | 0.186%        |
| 4         | 3.475       | 98            | 100         | 104          | rVV4     | 12770          | 16620         | 0.81%           | 0.056%        |
| 5         | 3.558       | 111           | 114         | 120          | rVB3     | 10476          | 16923         | 0.82%           | 0.057%        |
| 6         | 3.640       | 124           | 128         | 138          | rVB      | 69187          | 88069         | 4.27%           | 0.298%        |
| 7         | 3.869       | 163           | 167         | 173          | rVB2     | 11421          | 16413         | 0.80%           | 0.056%        |
| 8         | 4.528       | 275           | 279         | 284          | rBV      | 14833          | 20444         | 0.99%           | 0.069%        |
| 9         | 4.658       | 298           | 301         | 311          | rVB6     | 5890           | 11244         | 0.55%           | 0.038%        |
| 10        | 5.046       | 363           | 367         | 375          | rVB6     | 5017           | 10880         | 0.53%           | 0.037%        |
| 11        | 5.410       | 425           | 429         | 433          | rVB7     | 4720           | 8545          | 0.41%           | 0.029%        |
| 12        | 6.557       | 618           | 624         | 637          | rBV      | 416170         | 653948        | 31.70%          | 2.214%        |
| 13        | 6.710       | 644           | 650         | 663          | rBV      | 307375         | 469143        | 22.75%          | 1.588%        |
| 14        | 6.893       | 675           | 681         | 695          | rBV      | 425091         | 647746        | 31.40%          | 2.193%        |
| 15        | 7.352       | 753           | 759         | 770          | rVB      | 362880         | 545751        | 26.46%          | 1.847%        |
| 16        | 7.440       | 770           | 774         | 780          | rBV4     | 5844           | 10098         | 0.49%           | 0.034%        |
| 17        | 8.075       | 876           | 882         | 892          | rBV      | 451823         | 725285        | 35.16%          | 2.455%        |
| 18        | 8.499       | 947           | 954         | 964          | rBV      | 409308         | 644026        | 31.22%          | 2.180%        |
| 19        | 8.946       | 1026          | 1030        | 1034         | rBV2     | 6495           | 9349          | 0.45%           | 0.032%        |
| 20        | 9.210       | 1068          | 1075        | 1085         | rBV      | 348630         | 560014        | 27.15%          | 1.896%        |
| 21        | 9.745       | 1159          | 1166        | 1184         | rBV      | 452812         | 810936        | 39.32%          | 2.745%        |
| 22        | 10.104      | 1218          | 1227        | 1235         | rBV      | 484601         | 766317        | 37.15%          | 2.594%        |
| 23        | 10.263      | 1245          | 1254        | 1272         | rBV      | 285178         | 596744        | 28.93%          | 2.020%        |
| 24        | 11.716      | 1497          | 1501        | 1506         | rVB5     | 5134           | 9464          | 0.46%           | 0.032%        |
| 25        | 12.616      | 1650          | 1654        | 1659         | rBV6     | 5018           | 7983          | 0.39%           | 0.027%        |
| 26        | 12.857      | 1689          | 1695        | 1699         | rBV2     | 12648          | 22604         | 1.10%           | 0.077%        |
| 27        | 12.922      | 1703          | 1706        | 1711         | rVV2     | 5763           | 8289          | 0.40%           | 0.028%        |
| 28        | 13.439      | 1788          | 1794        | 1798         | rBV      | 851240         | 1131514       | 54.86%          | 3.830%        |
| 29        | 13.486      | 1798          | 1802        | 1812         | rVV      | 207356         | 293975        | 14.25%          | 0.995%        |
| 30        | 13.692      | 1831          | 1837        | 1850         | rBV      | 920335         | 1307690       | 63.40%          | 4.426%        |
| 31        | 14.010      | 1885          | 1891        | 1899         | rBV      | 722973         | 996973        | 48.34%          | 3.375%        |
| 32        | 14.263      | 1927          | 1934        | 1946         | rBV      | 212113         | 476098        | 23.08%          | 1.612%        |
| 33        | 14.422      | 1958          | 1961        | 1967         | rBV7     | 5459           | 8847          | 0.43%           | 0.030%        |
| 34        | 14.663      | 1999          | 2002        | 2007         | rVB6     | 6256           | 8312          | 0.40%           | 0.028%        |

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Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM063020MA.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 35 | 14.757 | 2014 | 2018 | 2022 | rBV6 | 7599    | 11862   | 0.58%  | 0.040% |
| 36 | 14.798 | 2022 | 2025 | 2029 | rVB5 | 5760    | 8255    | 0.40%  | 0.028% |
| 37 | 14.851 | 2029 | 2034 | 2041 | rBV3 | 13038   | 20971   | 1.02%  | 0.071% |
| 38 | 15.016 | 2056 | 2062 | 2072 | rVV  | 1195443 | 1662075 | 80.58% | 5.626% |
| 39 | 15.098 | 2072 | 2076 | 2082 | rVV3 | 24636   | 36977   | 1.79%  | 0.125% |
| 40 | 15.163 | 2082 | 2087 | 2099 | rVV  | 352016  | 526634  | 25.53% | 1.783% |
| 41 | 15.257 | 2099 | 2103 | 2107 | rVV  | 15763   | 23524   | 1.14%  | 0.080% |
| 42 | 15.316 | 2107 | 2113 | 2118 | rVB7 | 6934    | 14138   | 0.69%  | 0.048% |
| 43 | 15.663 | 2169 | 2172 | 2175 | rBV5 | 7597    | 8210    | 0.40%  | 0.028% |
| 44 | 15.716 | 2179 | 2181 | 2187 | rVB4 | 5636    | 8525    | 0.41%  | 0.029% |
| 45 | 15.804 | 2187 | 2196 | 2199 | rBV8 | 12218   | 28182   | 1.37%  | 0.095% |
| 46 | 15.939 | 2215 | 2219 | 2224 | rBV7 | 8513    | 12959   | 0.63%  | 0.044% |
| 47 | 16.022 | 2229 | 2233 | 2240 | rVB  | 33899   | 45830   | 2.22%  | 0.155% |
| 48 | 16.145 | 2247 | 2254 | 2257 | rVB9 | 13674   | 22031   | 1.07%  | 0.075% |
| 49 | 16.180 | 2257 | 2260 | 2263 | rBV3 | 11356   | 17859   | 0.87%  | 0.060% |
| 50 | 16.216 | 2263 | 2266 | 2276 | rVV6 | 22290   | 45671   | 2.21%  | 0.155% |
| 51 | 16.439 | 2299 | 2304 | 2312 | rBV  | 92803   | 148738  | 7.21%  | 0.503% |
| 52 | 16.527 | 2315 | 2319 | 2322 | rVV5 | 8479    | 13207   | 0.64%  | 0.045% |
| 53 | 16.569 | 2323 | 2326 | 2331 | rVB5 | 8173    | 9158    | 0.44%  | 0.031% |
| 54 | 16.622 | 2332 | 2335 | 2338 | rVB3 | 9341    | 12090   | 0.59%  | 0.041% |
| 55 | 16.769 | 2354 | 2360 | 2364 | rBV  | 862416  | 1176941 | 57.06% | 3.984% |
| 56 | 16.810 | 2364 | 2367 | 2371 | rVB  | 46134   | 60708   | 2.94%  | 0.205% |
| 57 | 16.869 | 2371 | 2377 | 2392 | rBV  | 1224932 | 1745914 | 84.65% | 5.910% |
| 58 | 16.974 | 2392 | 2395 | 2400 | rBV6 | 6619    | 10179   | 0.49%  | 0.034% |
| 59 | 17.151 | 2422 | 2425 | 2428 | rBV5 | 7623    | 9433    | 0.46%  | 0.032% |
| 60 | 17.480 | 2479 | 2481 | 2486 | rVB4 | 9513    | 10702   | 0.52%  | 0.036% |
| 61 | 17.580 | 2493 | 2498 | 2500 | rBV4 | 8010    | 14889   | 0.72%  | 0.050% |
| 62 | 17.645 | 2507 | 2509 | 2514 | rVB5 | 8213    | 8920    | 0.43%  | 0.030% |
| 63 | 17.710 | 2514 | 2520 | 2525 | rBV2 | 144164  | 218653  | 10.60% | 0.740% |
| 64 | 17.769 | 2526 | 2530 | 2534 | rVB  | 35233   | 53085   | 2.57%  | 0.180% |
| 65 | 17.839 | 2539 | 2542 | 2547 | rVV6 | 12234   | 20720   | 1.00%  | 0.070% |
| 66 | 17.998 | 2567 | 2569 | 2572 | rVB4 | 10816   | 8630    | 0.42%  | 0.029% |
| 67 | 18.133 | 2589 | 2592 | 2594 | rBV3 | 9072    | 9216    | 0.45%  | 0.031% |
| 68 | 18.186 | 2597 | 2601 | 2610 | rVB2 | 29904   | 51710   | 2.51%  | 0.175% |
| 69 | 18.286 | 2614 | 2618 | 2622 | rBV5 | 17556   | 23128   | 1.12%  | 0.078% |
| 70 | 18.451 | 2642 | 2646 | 2652 | rBV  | 220848  | 288263  | 13.98% | 0.976% |
| 71 | 18.545 | 2659 | 2662 | 2666 | rBV  | 39909   | 46969   | 2.28%  | 0.159% |

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 Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM063020MA.M  
 Title : SVOA CALIBRATION

|     |        |      |      |      |      |         |         |         |        |
|-----|--------|------|------|------|------|---------|---------|---------|--------|
| 72  | 18.616 | 2671 | 2674 | 2676 | rBV3 | 11900   | 14213   | 0.69%   | 0.048% |
| 73  | 18.645 | 2676 | 2679 | 2682 | rVB  | 16731   | 19080   | 0.93%   | 0.065% |
| 74  | 18.810 | 2704 | 2707 | 2708 | rBV2 | 17172   | 18491   | 0.90%   | 0.063% |
| 75  | 18.839 | 2708 | 2712 | 2716 | rVV  | 115529  | 145108  | 7.04%   | 0.491% |
| 76  | 19.004 | 2736 | 2740 | 2745 | rBV2 | 95533   | 146177  | 7.09%   | 0.495% |
| 77  | 19.063 | 2747 | 2750 | 2752 | rVV2 | 32862   | 43191   | 2.09%   | 0.146% |
| 78  | 19.098 | 2754 | 2756 | 2760 | rVB  | 26432   | 33487   | 1.62%   | 0.113% |
| 79  | 19.174 | 2763 | 2769 | 2778 | rBV  | 1483596 | 2062606 | 100.00% | 6.982% |
| 80  | 19.645 | 2846 | 2849 | 2853 | rVB  | 35955   | 43718   | 2.12%   | 0.148% |
| 81  | 19.774 | 2868 | 2871 | 2874 | rVB  | 42774   | 42246   | 2.05%   | 0.143% |
| 82  | 20.127 | 2928 | 2931 | 2937 | rVB3 | 28263   | 51513   | 2.50%   | 0.174% |
| 83  | 20.210 | 2942 | 2945 | 2950 | rVB  | 74172   | 82490   | 4.00%   | 0.279% |
| 84  | 20.274 | 2953 | 2956 | 2960 | rVB  | 67611   | 67053   | 3.25%   | 0.227% |
| 85  | 20.339 | 2963 | 2967 | 2973 | rBV  | 146033  | 214533  | 10.40%  | 0.726% |
| 86  | 20.674 | 3020 | 3024 | 3027 | rBV  | 93739   | 114663  | 5.56%   | 0.388% |
| 87  | 20.739 | 3030 | 3035 | 3045 | rVV  | 576463  | 853951  | 41.40%  | 2.891% |
| 88  | 20.933 | 3065 | 3068 | 3071 | rBV  | 74469   | 85495   | 4.14%   | 0.289% |
| 89  | 20.980 | 3071 | 3076 | 3081 | rBV  | 1039428 | 1375195 | 66.67%  | 4.655% |
| 90  | 21.180 | 3106 | 3110 | 3113 | rBV  | 128059  | 150085  | 7.28%   | 0.508% |
| 91  | 21.592 | 3177 | 3180 | 3190 | rBV2 | 196564  | 423575  | 20.54%  | 1.434% |
| 92  | 21.856 | 3221 | 3225 | 3229 | rBV  | 247684  | 309657  | 15.01%  | 1.048% |
| 93  | 22.021 | 3250 | 3253 | 3258 | rVB  | 206808  | 226458  | 10.98%  | 0.767% |
| 94  | 22.486 | 3328 | 3332 | 3336 | rVV  | 504513  | 661538  | 32.07%  | 2.239% |
| 95  | 22.527 | 3336 | 3339 | 3348 | rVB  | 220062  | 390582  | 18.94%  | 1.322% |
| 96  | 22.933 | 3403 | 3408 | 3414 | rBV  | 1096009 | 1733255 | 84.03%  | 5.867% |
| 97  | 22.992 | 3415 | 3418 | 3423 | rVV  | 224002  | 324702  | 15.74%  | 1.099% |
| 98  | 23.062 | 3425 | 3430 | 3436 | rVB2 | 820792  | 1358691 | 65.87%  | 4.599% |
| 99  | 23.574 | 3512 | 3517 | 3523 | rVB  | 452154  | 740220  | 35.89%  | 2.506% |
| 100 | 24.480 | 3667 | 3671 | 3681 | rVB4 | 183032  | 366983  | 17.79%  | 1.242% |

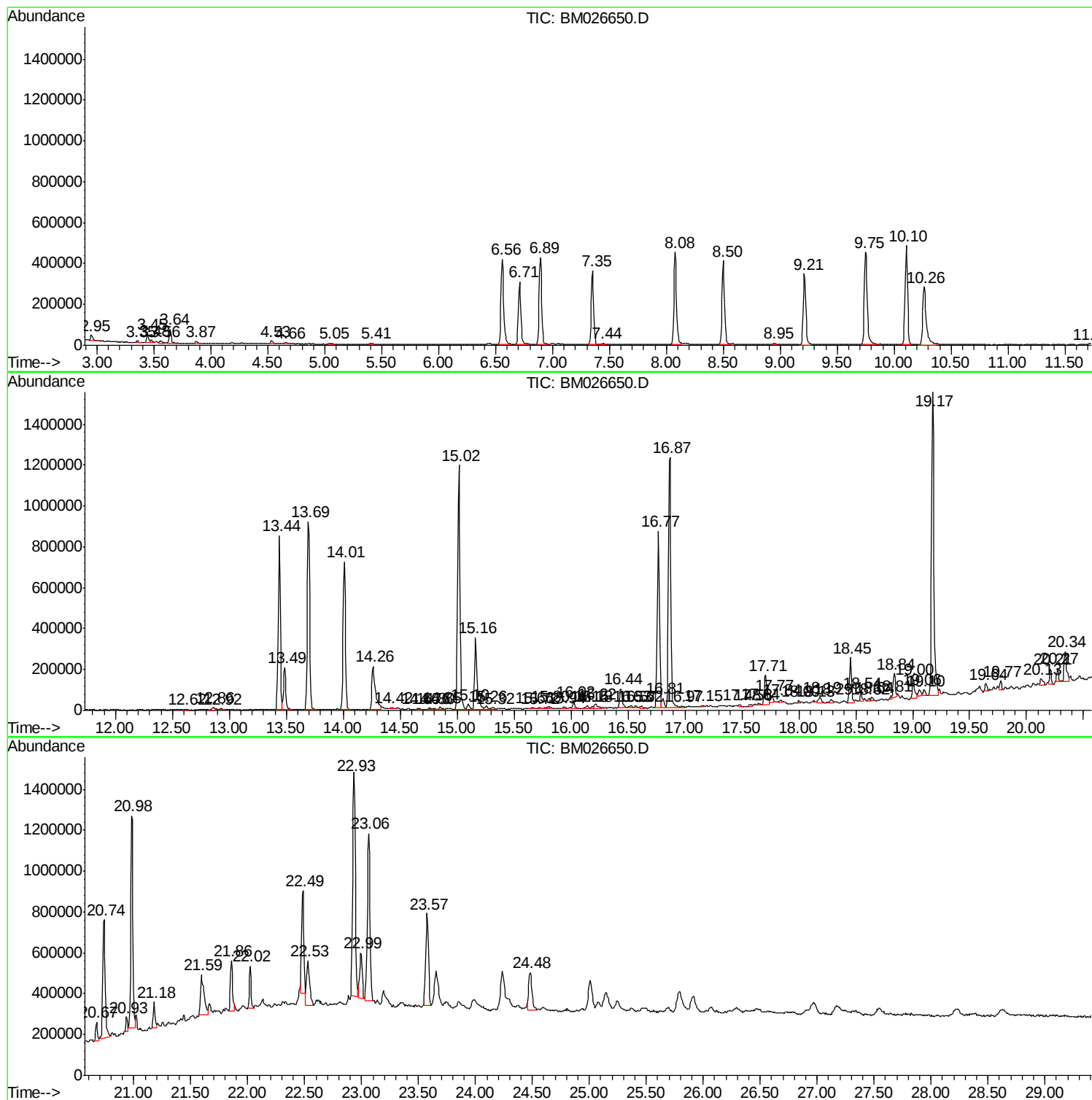
Sum of corrected areas: 29543343

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM063020MA.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-BM063020MA.M  
Quant Title : SVOA CALIBRATION

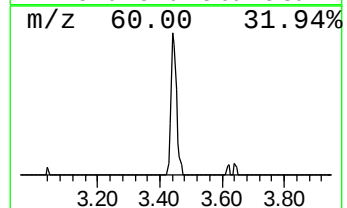
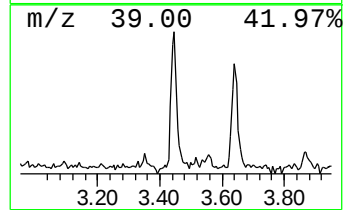
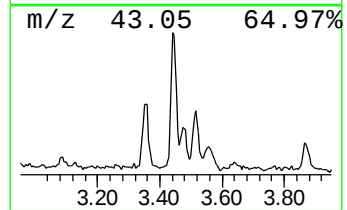
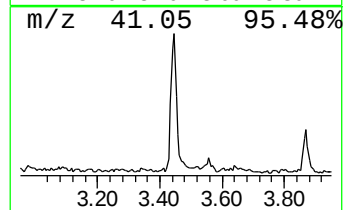
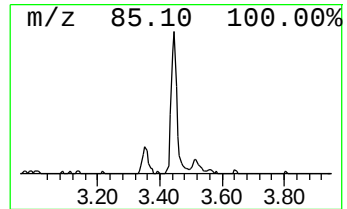
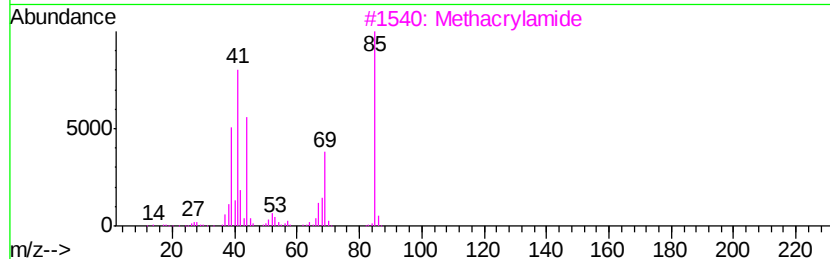
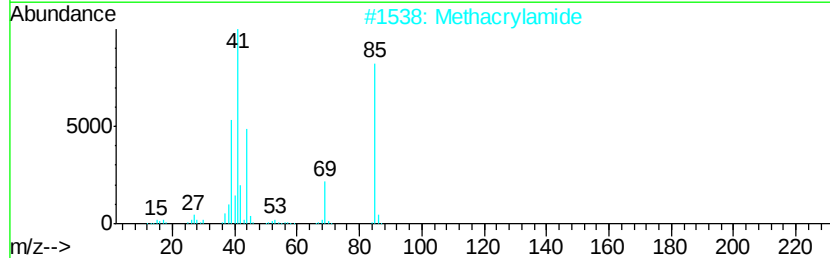
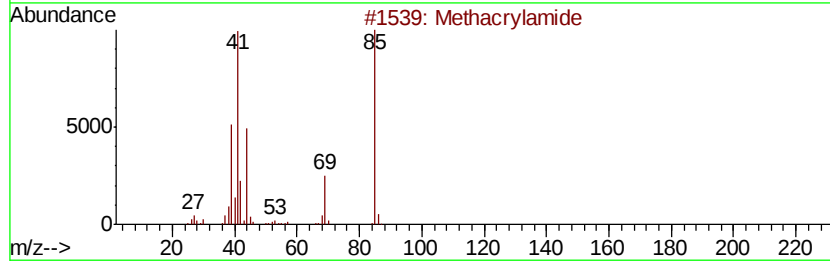
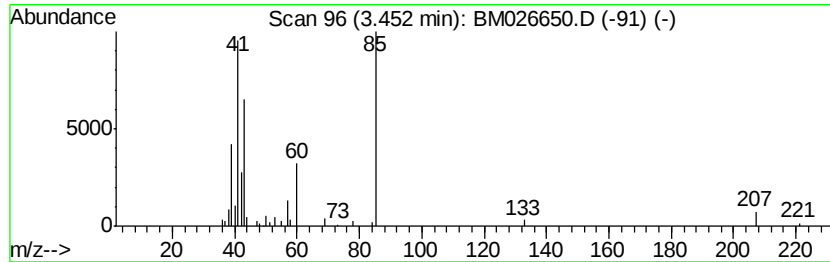
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 1 Methacrylamide Concentration Rank 14

| R.T. | EstConc    | Area  | Relative to ISTD       | R.T. |
|------|------------|-------|------------------------|------|
| 3.45 | 2.01 ng/ul | 54926 | 1,4-Dichlorobenzene-d4 | 7.35 |

| Hit# | of | Tentative ID                   | MW  | MolForm  | CAS#        | Qual |
|------|----|--------------------------------|-----|----------|-------------|------|
| 1    | 5  | Methacrylamide                 | 85  | C4H7NO   | 000079-39-0 | 64   |
| 2    |    | Methacrylamide                 | 85  | C4H7NO   | 000079-39-0 | 59   |
| 3    |    | Methacrylamide                 | 85  | C4H7NO   | 000079-39-0 | 53   |
| 4    |    | 2-(Bromomethyl)acrylic acid    | 164 | C4H5BrO2 | 072707-66-5 | 33   |
| 5    |    | 2H-Pyran, tetrahydro-2-methyl- | 100 | C6H12O   | 010141-72-7 | 28   |



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Quant Title : SVOA CALIBRATION

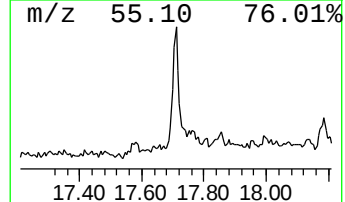
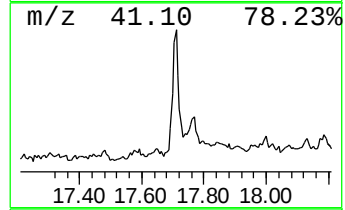
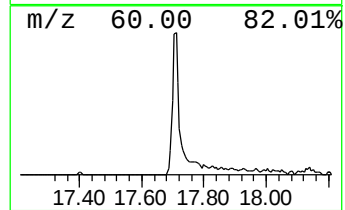
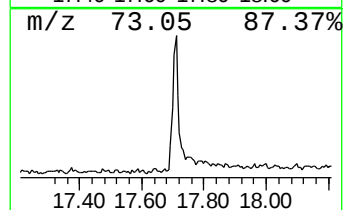
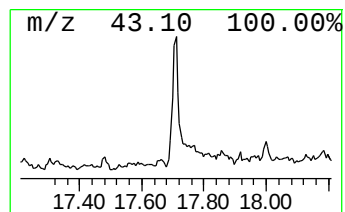
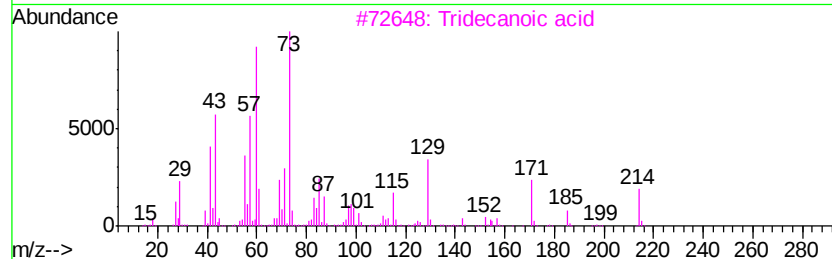
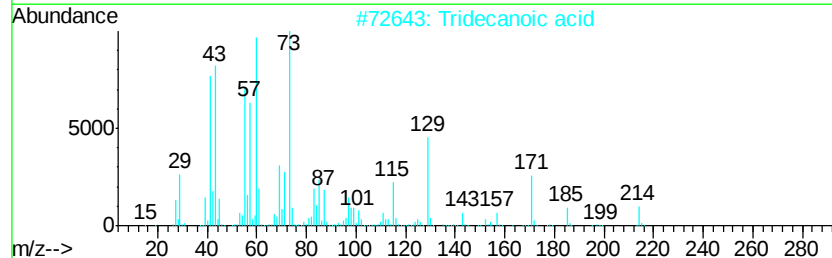
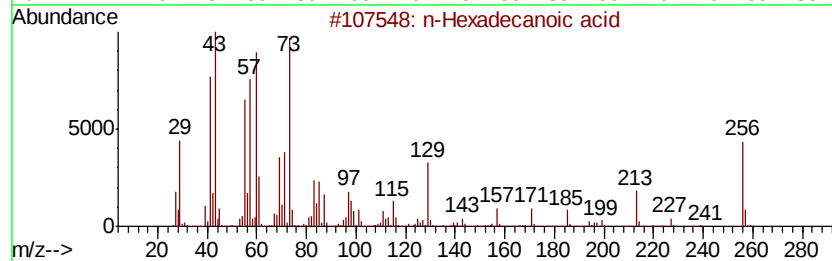
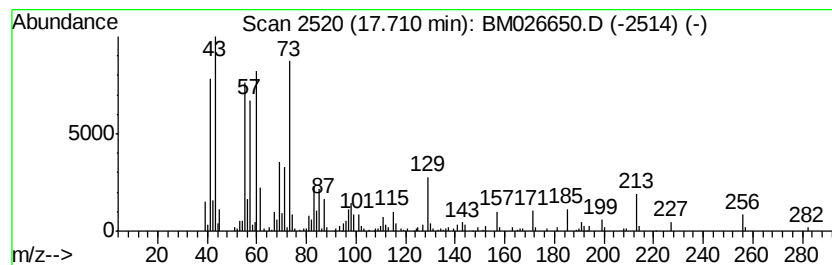
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 3 n-Hexadecanoic acid Concentration Rank 8

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 17.71 | 3.72 ng/ul | 218653 | Phenanthrene-d10 | 16.77 |

| Hit# | of | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|------|----|---------------------|-----|----------|-------------|------|
| 1    | 5  | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 94   |
| 2    |    | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 89   |
| 3    |    | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 81   |
| 4    |    | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 81   |
| 5    |    | Pentadecanoic acid  | 242 | C15H30O2 | 001002-84-2 | 81   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070220\  
Data File : BM026650.D  
Acq On : 02 Jul 2020 12:32  
Operator : JU/CG  
Sample : L3131-04  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
BG2L9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM063020MA.M  
Quant Title : SVOA CALIBRATION

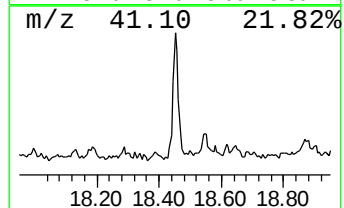
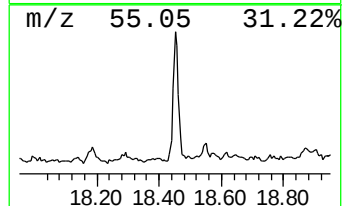
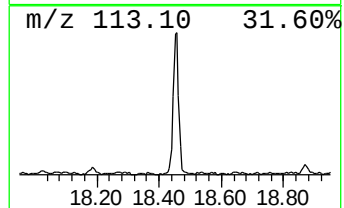
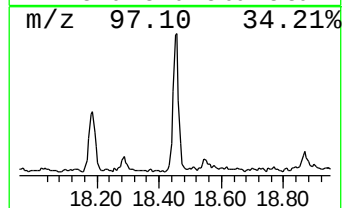
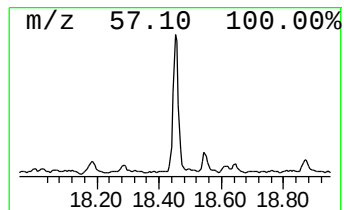
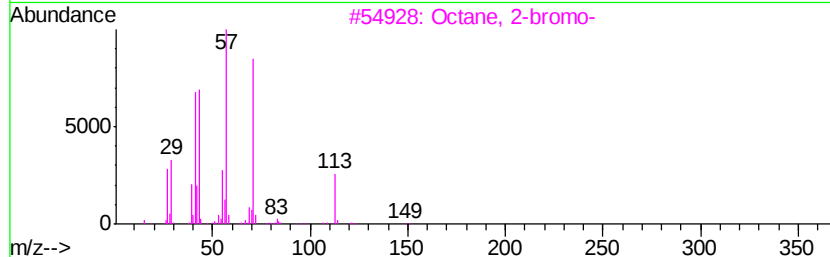
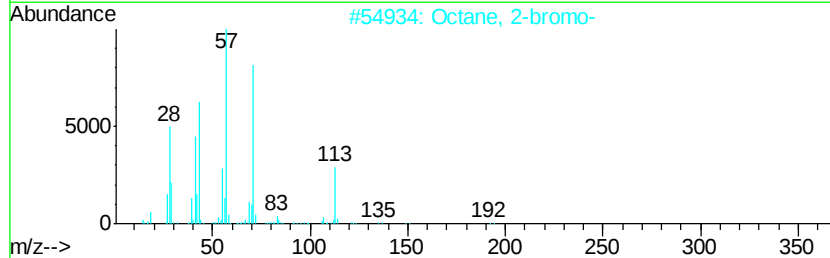
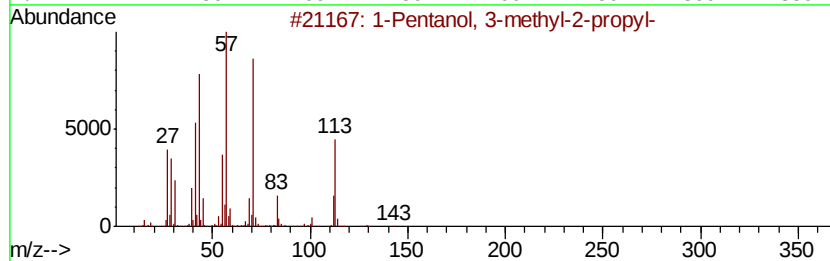
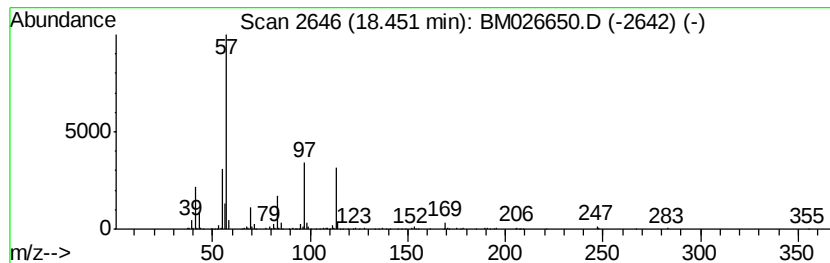
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TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 4 unknown-01 Concentration Rank 6

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 18.45 | 4.90 ng/ul | 288263 | Phenanthrene-d10 | 16.77 |

| Hit# | of | Tentative ID                       | MW  | MolForm | CAS#        | Qual |
|------|----|------------------------------------|-----|---------|-------------|------|
| 1    | 5  | 1-Pentanol, 3-methyl-2-propyl-     | 144 | C9H20O  | 054004-40-9 | 42   |
| 2    |    | Octane, 2-bromo-                   | 192 | C8H17Br | 000557-35-7 | 40   |
| 3    |    | Octane, 2-bromo-                   | 192 | C8H17Br | 000557-35-7 | 40   |
| 4    |    | Octane, 2-iodo-                    | 240 | C8H17I  | 000557-36-8 | 40   |
| 5    |    | 2,4,4,6,6,8,8-Heptamethyl-1-nonene | 224 | C16H32  | 015796-04-0 | 38   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070220\  
Data File : BM026650.D  
Acq On : 02 Jul 2020 12:32  
Operator : JU/CG  
Sample : L3131-04  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

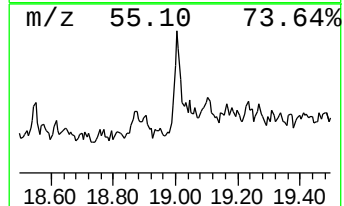
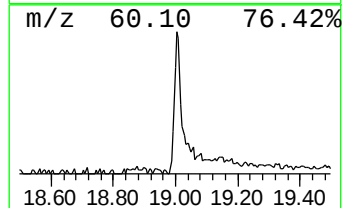
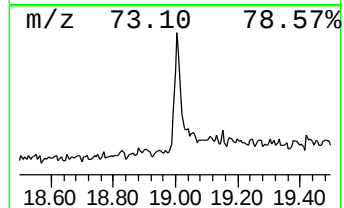
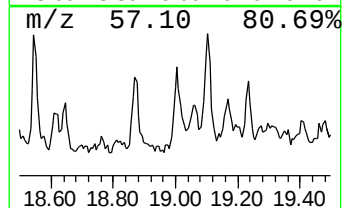
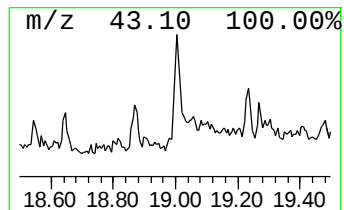
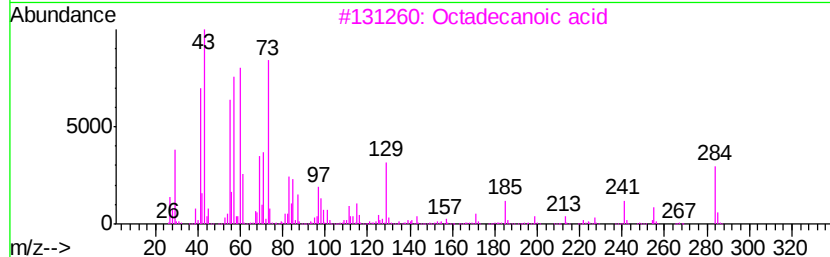
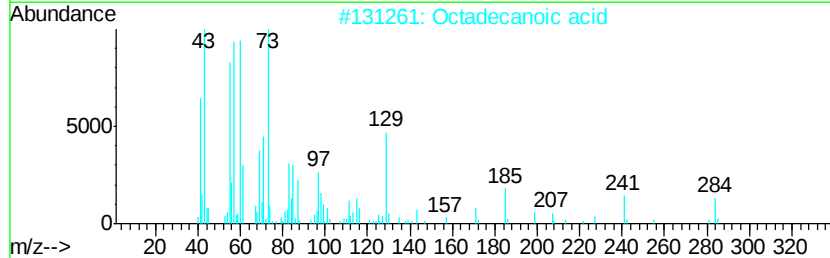
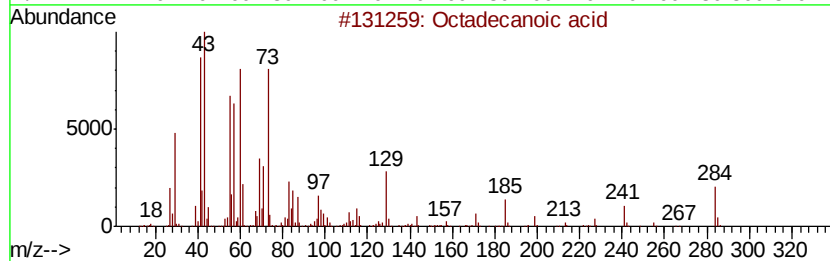
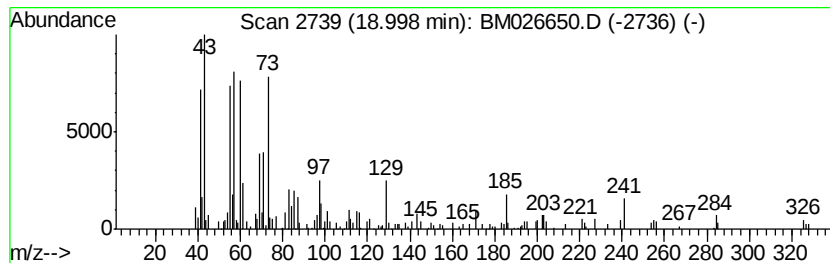
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ClientSampleId :  
BG2L9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM063020MA.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 5 Octadecanoic acid Concentration Rank 13

| R.T.    | EstConc            | Area         | Relative to ISTD | R.T.      |
|---------|--------------------|--------------|------------------|-----------|
| 19.00   | 2.13 ng/ul         | 146177       | Chrysene-d12     | 20.98     |
| Hit# of | 5                  | Tentative ID | MW MolForm       | CAS# Qual |
| 1       | Octadecanoic acid  | 284 C18H36O2 | 000057-11-4      | 95        |
| 2       | Octadecanoic acid  | 284 C18H36O2 | 000057-11-4      | 94        |
| 3       | Octadecanoic acid  | 284 C18H36O2 | 000057-11-4      | 90        |
| 4       | Dodecanoic acid    | 200 C12H24O2 | 000143-07-7      | 90        |
| 5       | Tetradecanoic acid | 228 C14H28O2 | 000544-63-8      | 87        |





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070220\  
Data File : BM026650.D  
Acq On : 02 Jul 2020 12:32  
Operator : JU/CG  
Sample : L3131-04  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
BG2L9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM063020MA.M  
Quant Title : SVOA CALIBRATION

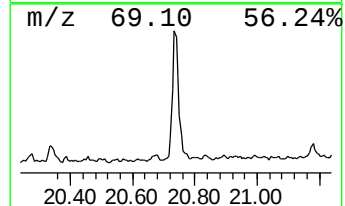
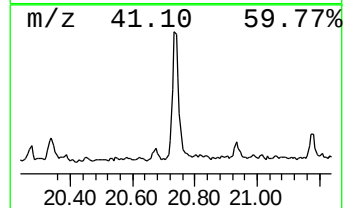
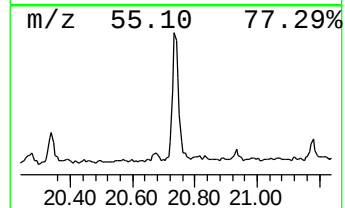
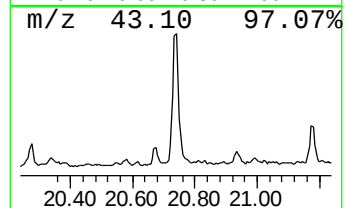
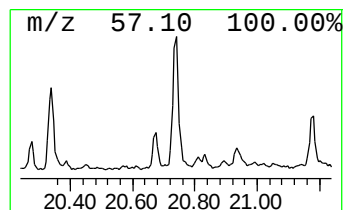
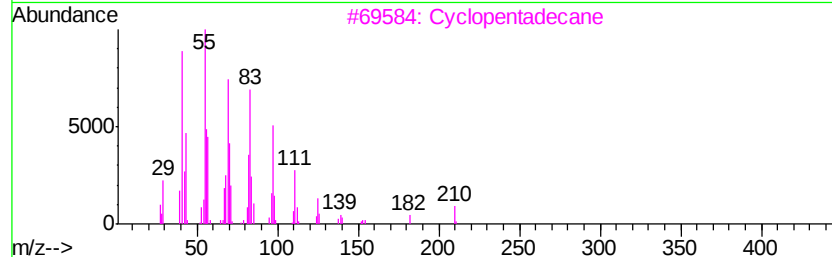
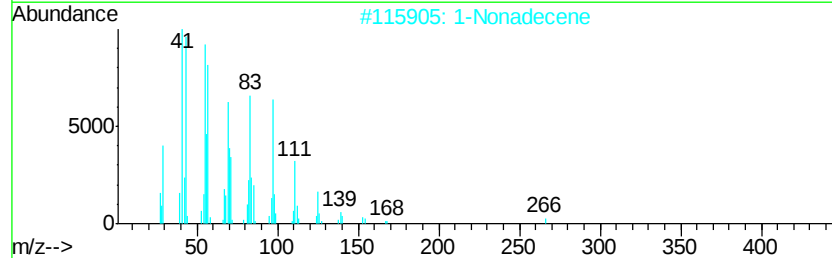
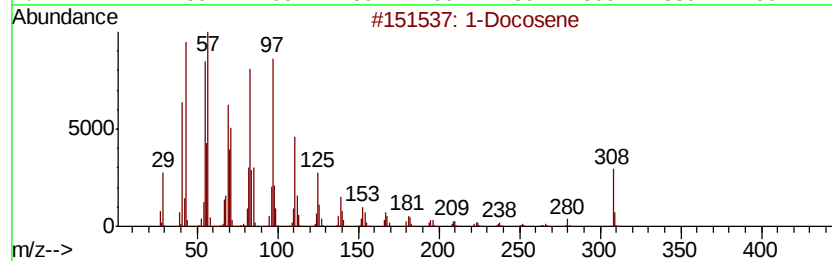
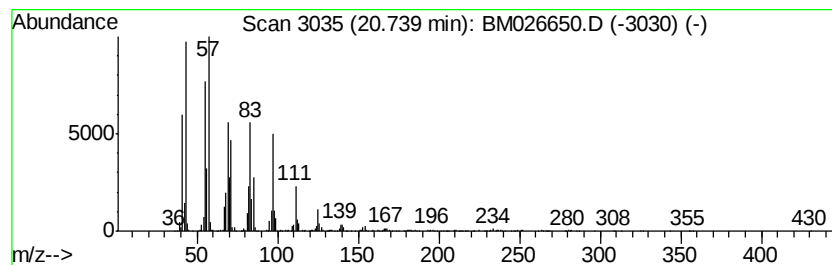
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TIC Integration Parameters: LSCINT.P

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Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 1

| R.T.  | EstConc     | Area   | Relative to ISTD | R.T.  |
|-------|-------------|--------|------------------|-------|
| 20.74 | 12.42 ng/ul | 853951 | Chrysene-d12     | 20.98 |

| Hit# | of | Tentative ID                        | MW  | MolForm    | CAS#         | Qual |
|------|----|-------------------------------------|-----|------------|--------------|------|
| 1    | 5  | 1-Docosene                          | 308 | C22H44     | 001599-67-3  | 98   |
| 2    |    | 1-Nonadecene                        | 266 | C19H38     | 018435-45-5  | 97   |
| 3    |    | Cyclopentadecane                    | 210 | C15H30     | 000295-48-7  | 96   |
| 4    |    | Pentafluoropropionic acid, octad... | 416 | C21H37F5O2 | 959261-25-7  | 91   |
| 5    |    | Eicosyl trifluoroacetate            | 394 | C22H41F3O2 | 1000351-75-2 | 91   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070220\  
Data File : BM026650.D  
Acq On : 02 Jul 2020 12:32  
Operator : JU/CG  
Sample : L3131-04  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM063020MA.M  
Quant Title : SVOA CALIBRATION

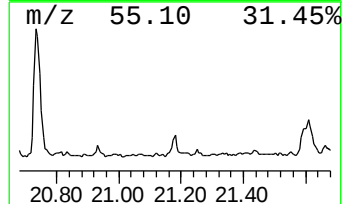
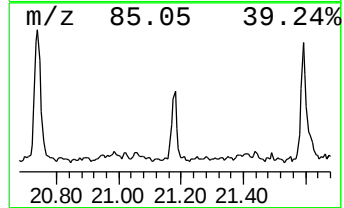
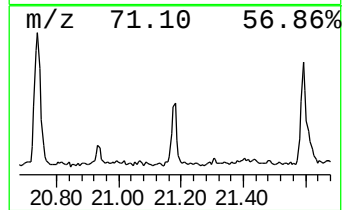
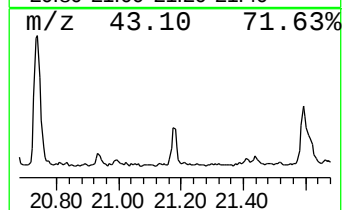
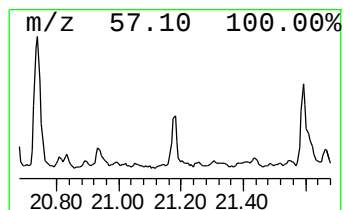
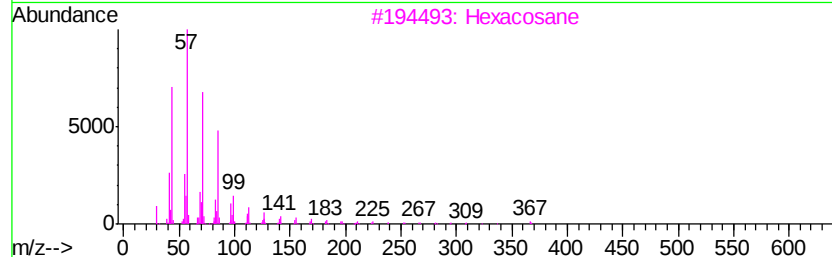
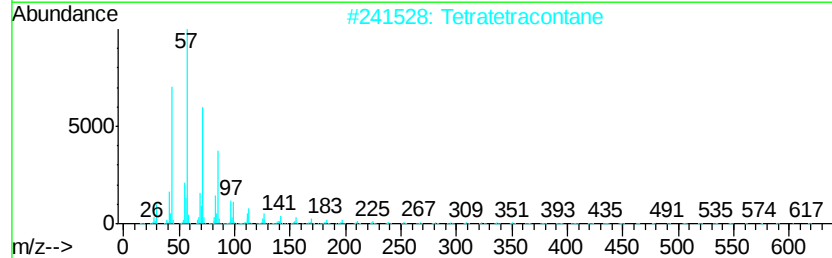
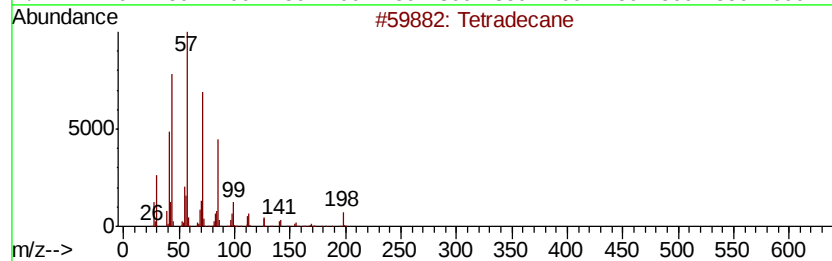
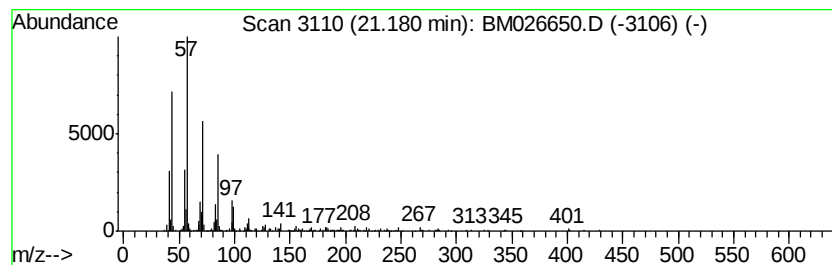
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 12

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 21.18 | 2.18 ng/ul | 150085 | Chrysene-d12     | 20.98 |

| Hit# | of | Tentative ID      | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------|-----|---------|-------------|------|
| 1    | 5  | Tetradecane       | 198 | C14H30  | 000629-59-4 | 91   |
| 2    |    | Tetratetracontane | 619 | C44H90  | 007098-22-8 | 87   |
| 3    |    | Hexacosane        | 366 | C26H54  | 000630-01-3 | 87   |
| 4    |    | Octacosane        | 394 | C28H58  | 000630-02-4 | 87   |
| 5    |    | Hexatriacontane   | 507 | C36H74  | 000630-06-8 | 86   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070220\  
Data File : BM026650.D  
Acq On : 02 Jul 2020 12:32  
Operator : JU/CG  
Sample : L3131-04  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

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

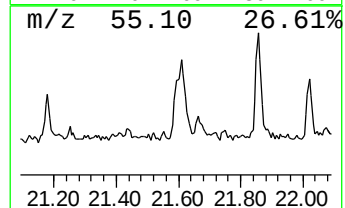
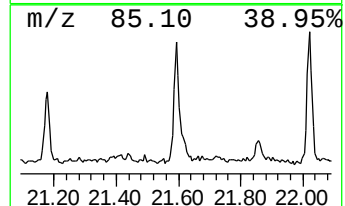
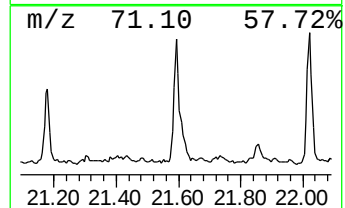
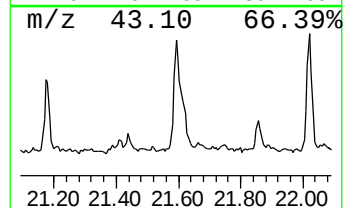
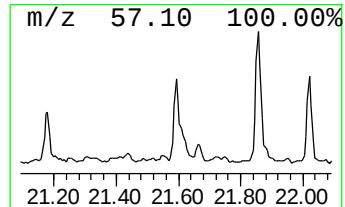
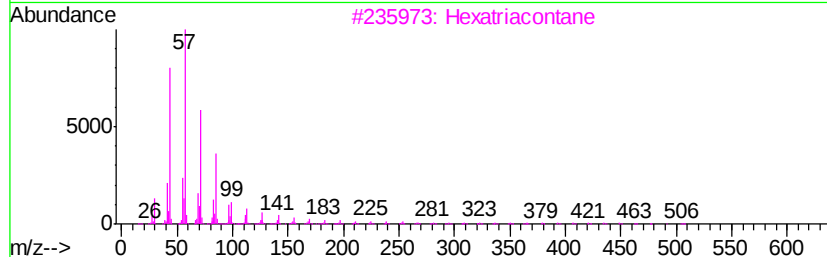
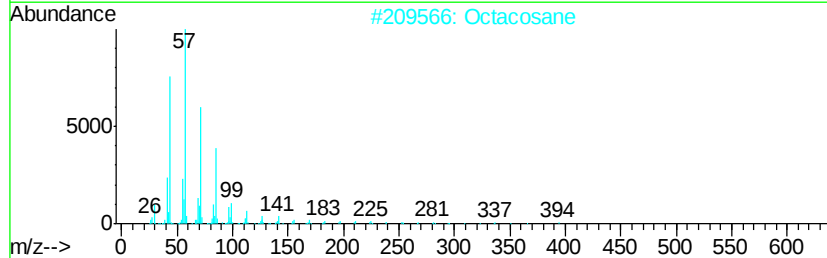
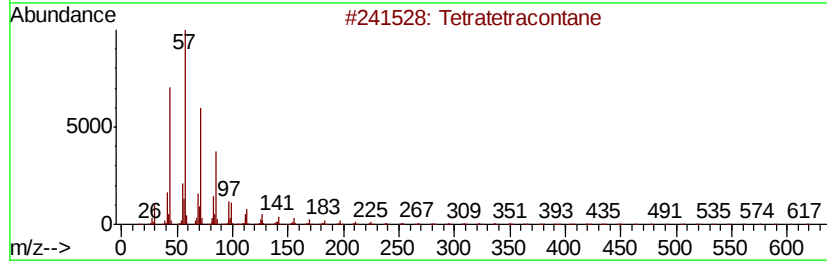
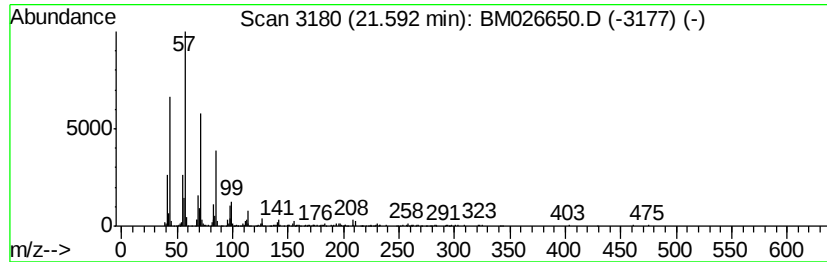
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TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 3

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 21.59 | 6.16 ng/ul | 423575 | Chrysene-d12     | 20.98 |

| Hit# | of | Tentative ID      | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------|-----|---------|-------------|------|
| 1    | 5  | Tetratetracontane | 619 | C44H90  | 007098-22-8 | 90   |
| 2    |    | Octacosane        | 394 | C28H58  | 000630-02-4 | 90   |
| 3    |    | Hexatriacontane   | 507 | C36H74  | 000630-06-8 | 87   |
| 4    |    | Hexacosane        | 366 | C26H54  | 000630-01-3 | 87   |
| 5    |    | Hentriacontane    | 437 | C31H64  | 000630-04-6 | 87   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070220\  
Data File : BM026650.D  
Acq On : 02 Jul 2020 12:32  
Operator : JU/CG  
Sample : L3131-04  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
BG2L9

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Quant Title : SVOA CALIBRATION

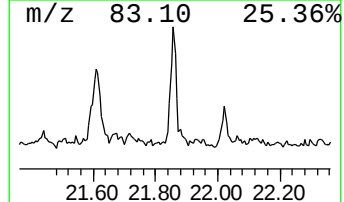
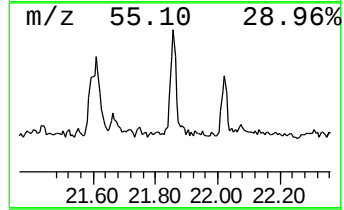
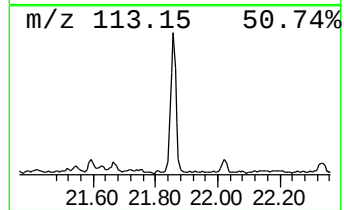
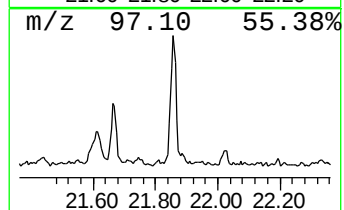
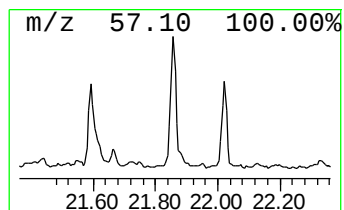
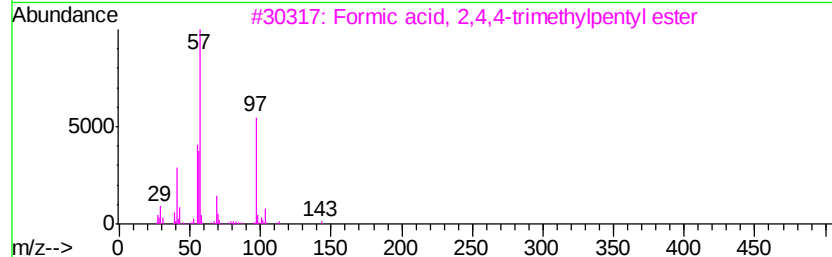
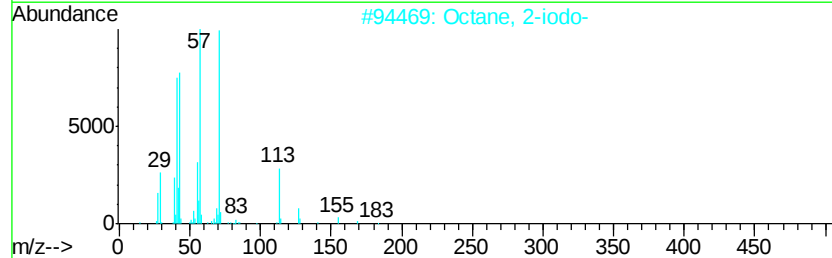
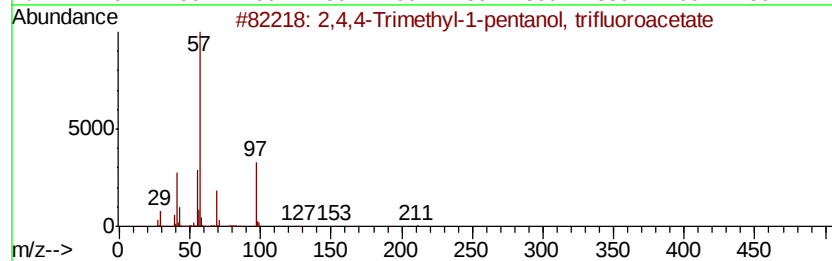
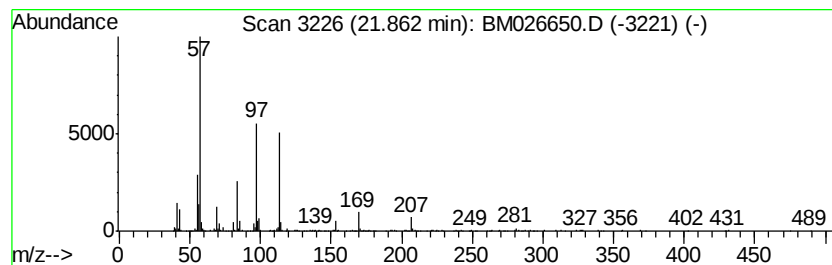
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TIC Integration Parameters: LSCINT.P

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Peak Number 10 unknown-02 Concentration Rank 7

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 21.86 | 4.50 ng/ul | 309657 | Chrysene-d12     | 20.98 |

| Hit# | of                                  | 5   | Tentative ID | MW           | MolForm | CAS# | Qual |
|------|-------------------------------------|-----|--------------|--------------|---------|------|------|
| 1    | 2,4,4-Trimethyl-1-pentanol, trif... | 226 | C10H17F3O2   | 1000365-19-5 | 27      |      |      |
| 2    | Octane, 2-iodo-                     | 240 | C8H17I       | 000557-36-8  | 23      |      |      |
| 3    | Formic acid, 2,4,4-trimethylpent... | 158 | C9H18O2      | 1000368-95-2 | 16      |      |      |
| 4    | Sulfurous acid, cyclohexylmethyl... | 262 | C13H26O3S    | 1000309-21-5 | 12      |      |      |
| 5    | Cyclohexane, 1,3-dimethyl-, cis-    | 112 | C8H16        | 000638-04-0  | 10      |      |      |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070220\  
Data File : BM026650.D  
Acq On : 02 Jul 2020 12:32  
Operator : JU/CG  
Sample : L3131-04  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

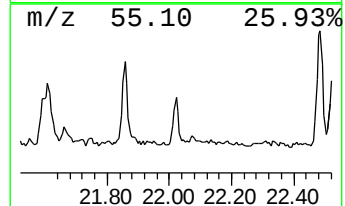
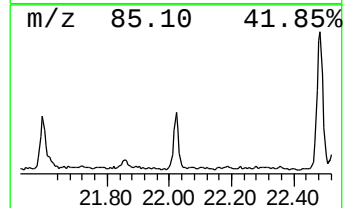
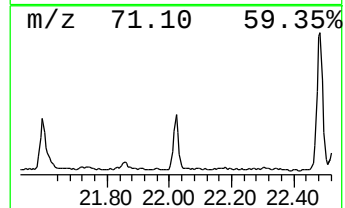
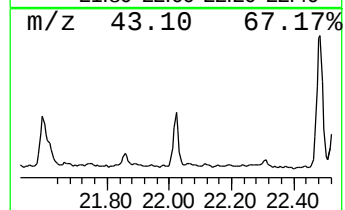
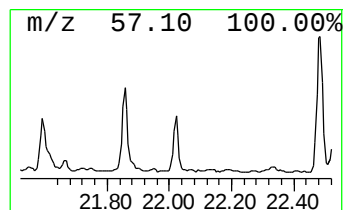
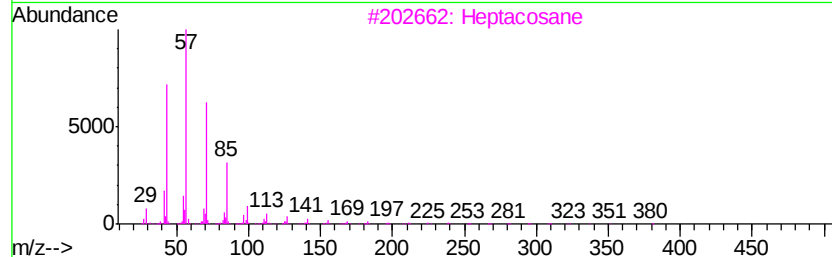
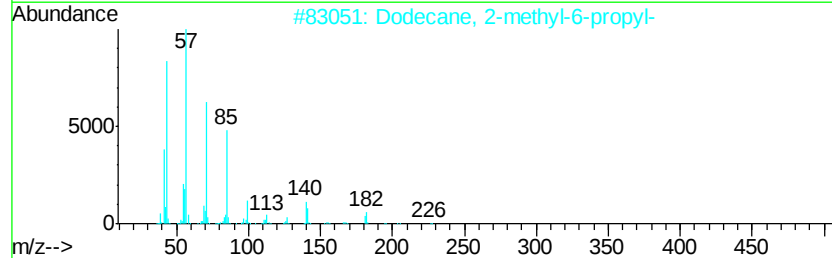
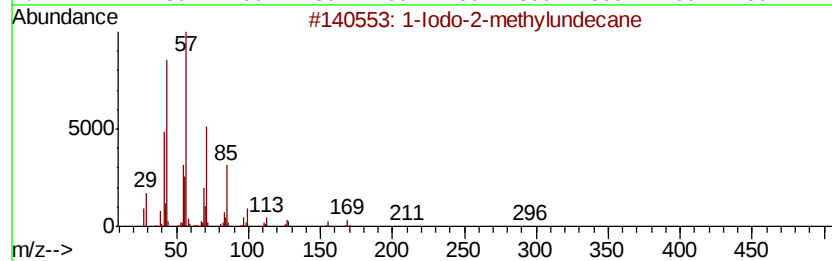
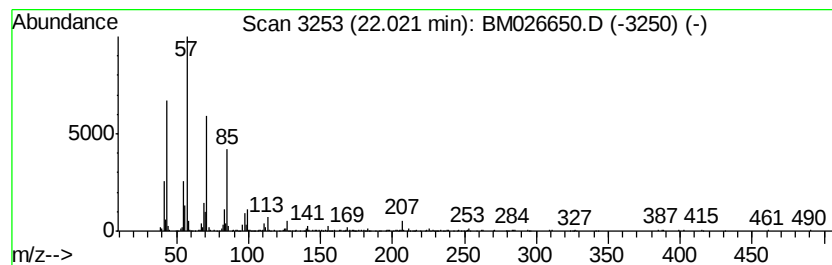
Instrument :  
BNA\_M  
ClientSampleId :  
BG2L9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM063020MA.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 11 1-Iodo-2-methylundecane Concentration Rank 9

| R.T.    | EstConc                      | Area         | Relative to ISTD | R.T.      |
|---------|------------------------------|--------------|------------------|-----------|
| 22.02   | 3.29 ng/ul                   | 226458       | Chrysene-d12     | 20.98     |
| Hit# of | 5                            | Tentative ID | MW MolForm       | CAS# Qual |
| 1       | 1-Iodo-2-methylundecane      | 296 C12H25I  | 073105-67-6      | 91        |
| 2       | Dodecane, 2-methyl-6-propyl- | 226 C16H34   | 055045-08-4      | 87        |
| 3       | Heptacosane                  | 380 C27H56   | 000593-49-7      | 87        |
| 4       | Tetradecane, 4-ethyl-        | 226 C16H34   | 055045-14-2      | 83        |
| 5       | Heneicosane                  | 296 C21H44   | 000629-94-7      | 83        |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070220\  
Data File : BM026650.D  
Acq On : 02 Jul 2020 12:32  
Operator : JU/CG  
Sample : L3131-04  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
BG2L9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM063020MA.M  
Quant Title : SVOA CALIBRATION

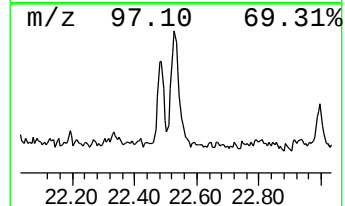
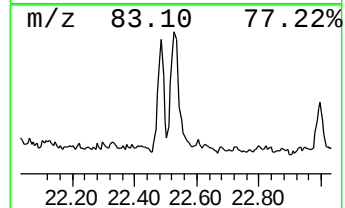
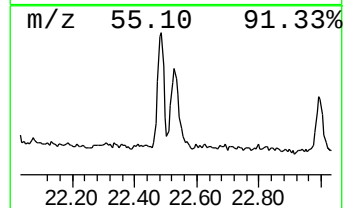
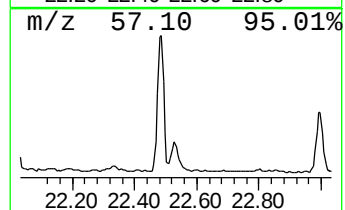
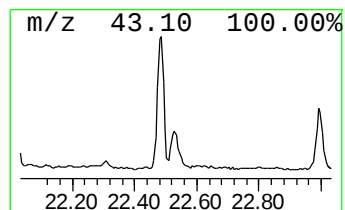
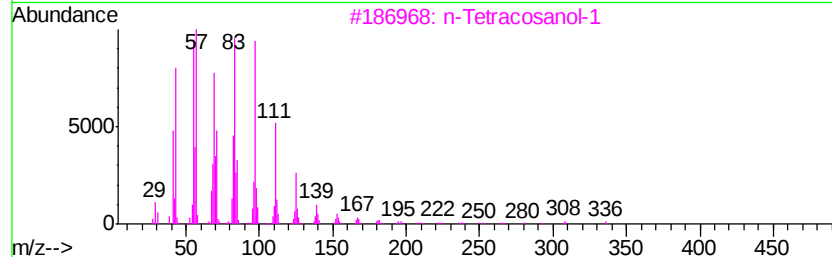
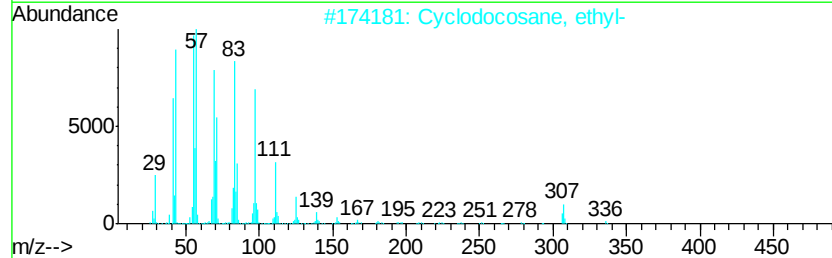
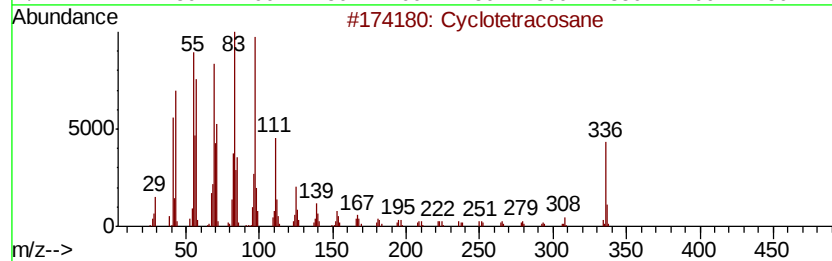
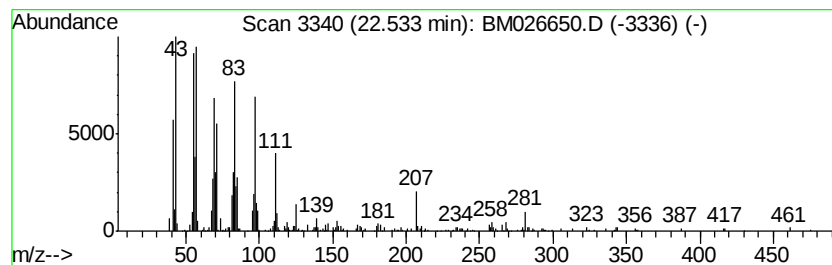
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 12 (DEL) Alkane: Cyclic22.53 Concentration Rank 4

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 22.53 | 5.75 ng/ul | 390582 | Perylene-d12     | 23.06 |

| Hit# | of | 5 | Tentative ID          | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-----------------------|-----|----------|--------------|------|
| 1    |    |   | Cyclotetracosane      | 336 | C24H48   | 000297-03-0  | 95   |
| 2    |    |   | Cyclodocosane, ethyl- | 336 | C24H48   | 1000151-22-6 | 89   |
| 3    |    |   | n-Tetracosanol-1      | 354 | C24H50O  | 000506-51-4  | 83   |
| 4    |    |   | 1-Heptacosanol        | 396 | C27H56O  | 002004-39-9  | 83   |
| 5    |    |   | Octacosyl acetate     | 452 | C30H60O2 | 018206-97-8  | 80   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070220\  
Data File : BM026650.D  
Acq On : 02 Jul 2020 12:32  
Operator : JU/CG  
Sample : L3131-04  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
BG2L9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM063020MA.M  
Quant Title : SVOA CALIBRATION

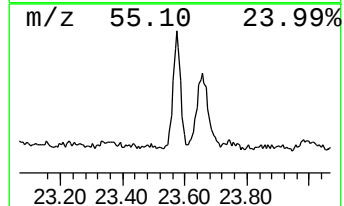
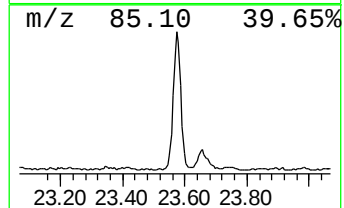
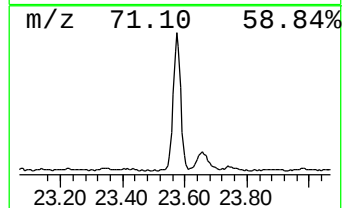
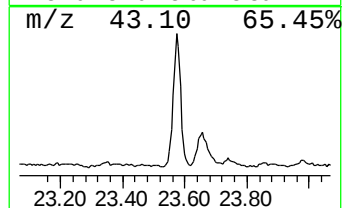
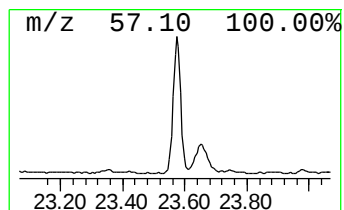
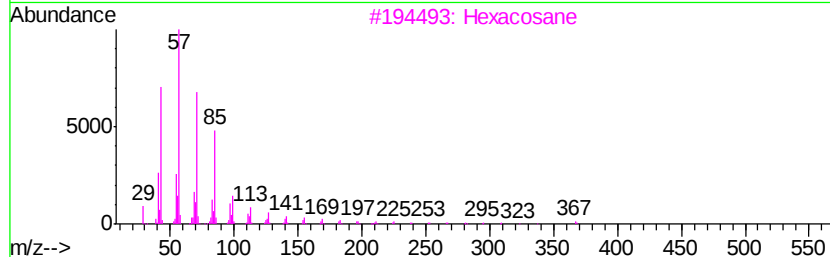
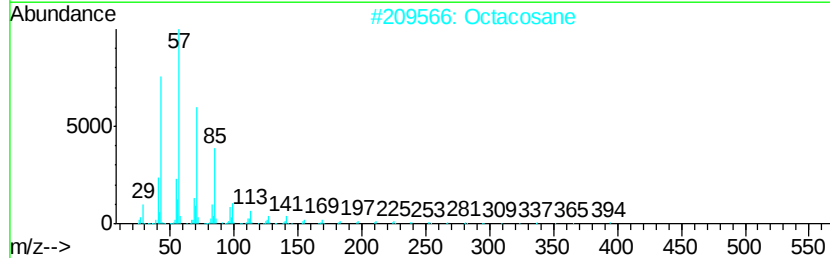
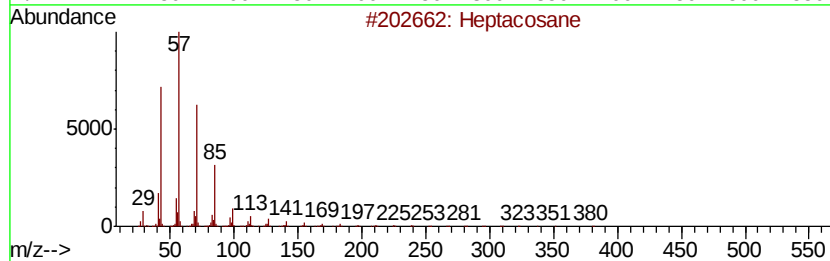
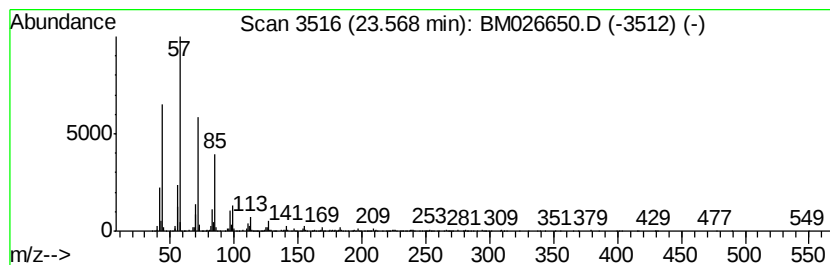
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 2

| R.T.  | EstConc     | Area   | Relative to ISTD | R.T.  |
|-------|-------------|--------|------------------|-------|
| 23.57 | 10.90 ng/ul | 740220 | Perylene-d12     | 23.06 |

| Hit# | of | Tentative ID    | MW  | MolForm | CAS#        | Qual |
|------|----|-----------------|-----|---------|-------------|------|
| 1    | 5  | Heptacosane     | 380 | C27H56  | 000593-49-7 | 91   |
| 2    |    | Octacosane      | 394 | C28H58  | 000630-02-4 | 91   |
| 3    |    | Hexacosane      | 366 | C26H54  | 000630-01-3 | 91   |
| 4    |    | Hexatriacontane | 507 | C36H74  | 000630-06-8 | 91   |
| 5    |    | Heneicosane     | 296 | C21H44  | 000629-94-7 | 90   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070220\  
Data File : BM026650.D  
Acq On : 02 Jul 2020 12:32  
Operator : JU/CG  
Sample : L3131-04  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
BG2L9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM063020MA.M  
Quant Title : SVOA CALIBRATION

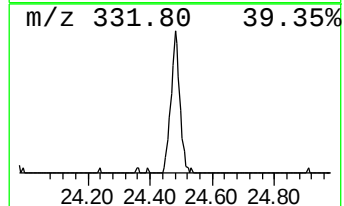
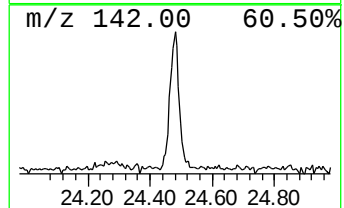
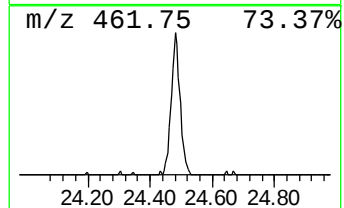
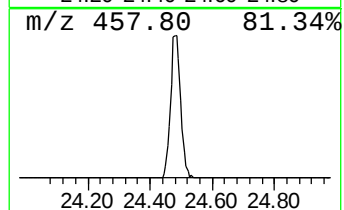
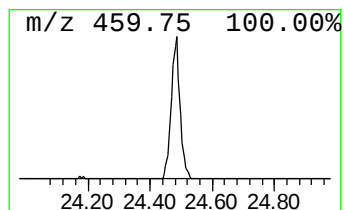
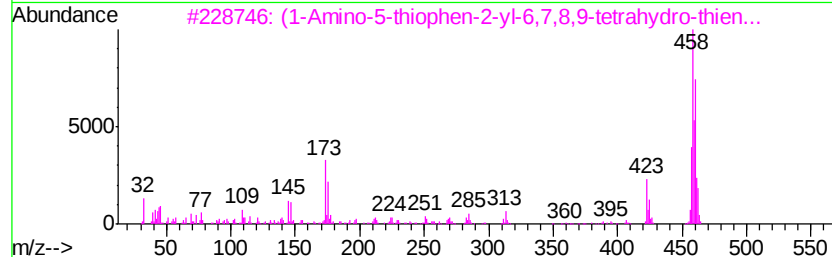
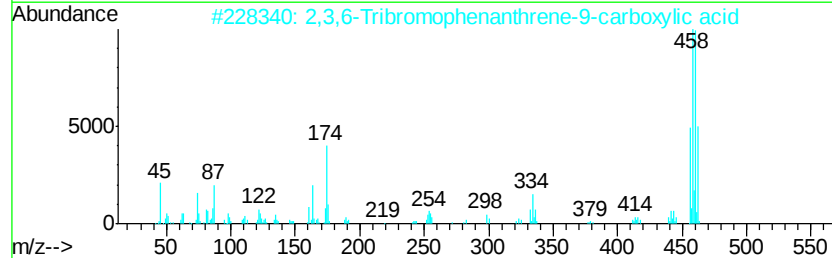
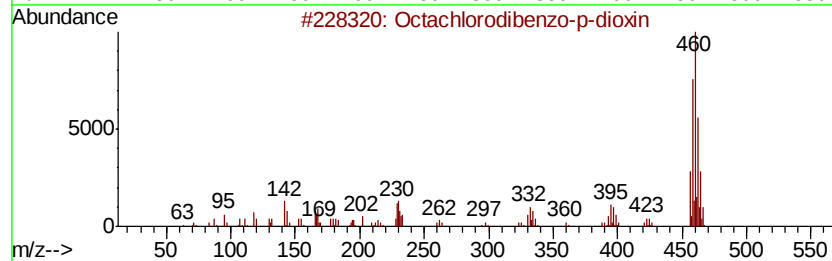
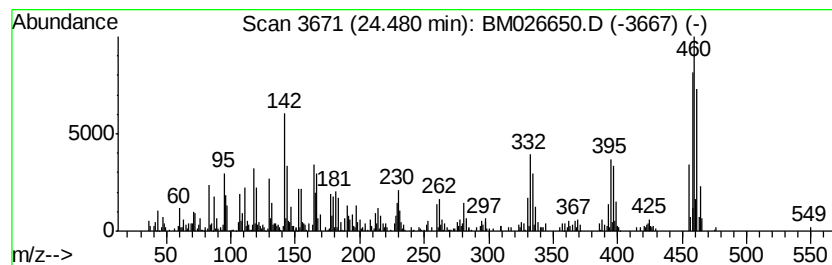
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 14 Octachlorodibenzo-p-dioxin Concentration Rank 5

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 24.48 | 5.40 ng/ul | 366983 | Perylene-d12     | 23.06 |

| Hit# | of | Tentative ID                        | MW  | MolForm        | CAS#         | Qual |
|------|----|-------------------------------------|-----|----------------|--------------|------|
| 1    | 5  | Octachlorodibenzo-p-dioxin          | 456 | C12Cl8O2       | 003268-87-9  | 90   |
| 2    |    | 2,3,6-Tribromophenanthrene-9-car... | 456 | C15H7Br3O2     | 056988-60-4  | 55   |
| 3    |    | (1-Amino-5-thiophen-2-yl-6,7,8,9... | 458 | C22H16Cl2N2OS2 | 1000318-00-6 | 12   |
| 4    |    | Pyrimido[5,4-d]pyrimidine, 4,8-d... | 462 | C24H26N6O4     | 018710-90-2  | 10   |
| 5    |    | 2,4-Cyclopentadien-1-ol, 1,2,3,4... | 462 | C35H26O        | 002137-74-8  | 10   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM070220\  
 Data File : BM026650.D  
 Acq On : 02 Jul 2020 12:32  
 Operator : JU/CG  
 Sample : L3131-04  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BG2L9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM063020MA.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 |
| Methacrylamide       | 3.45  | 2.0     | ng/ul | 54926    | 1                     | 7.35  | 545751  | 20.0 |
| n-Hexadecanoic acid  | 17.71 | 3.7     | ng/ul | 218653   | 4                     | 16.77 | 1176940 | 20.0 |
| unknown-01           | 18.45 | 4.9     | ng/ul | 288263   | 4                     | 16.77 | 1176940 | 20.0 |
| Octadecanoic acid    | 19.00 | 2.1     | ng/ul | 146177   | 5                     | 20.98 | 1375200 | 20.0 |
| (DEL) Alkane: Str... | 20.34 | 3.1     | ng/ul | 214533   | 5                     | 20.98 | 1375200 | 20.0 |
| (DEL) Alkane: Str... | 20.74 | 12.4    | ng/ul | 853951   | 5                     | 20.98 | 1375200 | 20.0 |
| (DEL) Alkane: Str... | 21.18 | 2.2     | ng/ul | 150085   | 5                     | 20.98 | 1375200 | 20.0 |
| (DEL) Alkane: Str... | 21.59 | 6.2     | ng/ul | 423575   | 5                     | 20.98 | 1375200 | 20.0 |
| unknown-02           | 21.86 | 4.5     | ng/ul | 309657   | 5                     | 20.98 | 1375200 | 20.0 |
| 1-Iodo-2-methylun... | 22.02 | 3.3     | ng/ul | 226458   | 5                     | 20.98 | 1375200 | 20.0 |
| (DEL) Alkane: Cyc... | 22.53 | 5.8     | ng/ul | 390582   | 6                     | 23.06 | 1358690 | 20.0 |
| (DEL) Alkane: Str... | 23.57 | 10.9    | ng/ul | 740220   | 6                     | 23.06 | 1358690 | 20.0 |
| Octachlorodibenzo... | 24.48 | 5.4     | ng/ul | 366983   | 6                     | 23.06 | 1358690 | 20.0 |