

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041620\  
 Data File : BN010542.D  
 Acq On : 17 Apr 2020 06:40  
 Operator : CG/JU  
 Sample : L2176-09  
 Misc :  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 BG2J5

## 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\_N\METHODS\SOM-EPA-BN040920MA.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         | 2.887       | 13            | 17          | 26           | rBV      | 135175         | 267124        | 2.82%           | 0.208%        |
| 2         | 2.958       | 26            | 29          | 40           | rVB      | 120803         | 215403        | 2.27%           | 0.167%        |
| 3         | 3.205       | 67            | 71          | 78           | rBV      | 38102          | 55223         | 0.58%           | 0.043%        |
| 4         | 5.599       | 473           | 478         | 481          | rBV2     | 72601          | 114717        | 1.21%           | 0.089%        |
| 5         | 6.617       | 644           | 651         | 657          | rBV9     | 16301          | 40302         | 0.43%           | 0.031%        |
| 6         | 6.781       | 672           | 679         | 693          | rVB      | 1111087        | 1815208       | 19.15%          | 1.411%        |
| 7         | 6.940       | 699           | 706         | 716          | rBV      | 816681         | 1274781       | 13.45%          | 0.991%        |
| 8         | 7.134       | 730           | 739         | 749          | rBV      | 1180375        | 1900087       | 20.05%          | 1.477%        |
| 9         | 7.216       | 749           | 753         | 758          | rVV2     | 95748          | 162942        | 1.72%           | 0.127%        |
| 10        | 7.264       | 758           | 761         | 769          | rVV4     | 36227          | 63919         | 0.67%           | 0.050%        |
| 11        | 7.593       | 808           | 817         | 826          | rBV      | 1854422        | 2971813       | 31.35%          | 2.310%        |
| 12        | 7.669       | 826           | 830         | 835          | rBV4     | 19104          | 29243         | 0.31%           | 0.023%        |
| 13        | 7.834       | 852           | 858         | 871          | rBV4     | 53486          | 146424        | 1.54%           | 0.114%        |
| 14        | 8.299       | 926           | 937         | 949          | rBV      | 1561086        | 2475811       | 26.12%          | 1.925%        |
| 15        | 8.669       | 995           | 1000        | 1004         | rBV2     | 25766          | 54430         | 0.57%           | 0.042%        |
| 16        | 8.734       | 1004          | 1011        | 1018         | rVB      | 1024188        | 1699945       | 17.94%          | 1.322%        |
| 17        | 9.075       | 1063          | 1069        | 1075         | rBV5     | 26907          | 56431         | 0.60%           | 0.044%        |
| 18        | 9.210       | 1087          | 1092        | 1098         | rVB2     | 51973          | 69325         | 0.73%           | 0.054%        |
| 19        | 9.446       | 1125          | 1132        | 1139         | rBV      | 918022         | 1455840       | 15.36%          | 1.132%        |
| 20        | 9.705       | 1168          | 1176        | 1183         | rBV      | 67980          | 127379        | 1.34%           | 0.099%        |
| 21        | 9.981       | 1216          | 1223        | 1230         | rBV      | 1712575        | 2771614       | 29.24%          | 2.155%        |
| 22        | 10.040      | 1230          | 1233        | 1241         | rVB2     | 56168          | 107349        | 1.13%           | 0.083%        |
| 23        | 10.352      | 1279          | 1286        | 1294         | rBV      | 2742661        | 4547857       | 47.98%          | 3.535%        |
| 24        | 10.487      | 1302          | 1309        | 1323         | rBV      | 688632         | 1227196       | 12.95%          | 0.954%        |
| 25        | 10.716      | 1343          | 1348        | 1349         | rBV2     | 32010          | 46805         | 0.49%           | 0.036%        |
| 26        | 10.752      | 1349          | 1354        | 1363         | rVV4     | 70388          | 166615        | 1.76%           | 0.130%        |
| 27        | 10.857      | 1366          | 1372        | 1379         | rVV      | 113914         | 181734        | 1.92%           | 0.141%        |
| 28        | 11.946      | 1549          | 1557        | 1565         | rVB4     | 31197          | 55644         | 0.59%           | 0.043%        |
| 29        | 12.052      | 1571          | 1575        | 1581         | rVV      | 100453         | 180644        | 1.91%           | 0.140%        |
| 30        | 12.122      | 1584          | 1587        | 1595         | rVB8     | 19951          | 41849         | 0.44%           | 0.033%        |
| 31        | 12.363      | 1621          | 1628        | 1633         | rBV8     | 15725          | 35073         | 0.37%           | 0.027%        |
| 32        | 12.504      | 1648          | 1652        | 1659         | rBV5     | 31664          | 52769         | 0.56%           | 0.041%        |
| 33        | 13.140      | 1755          | 1760        | 1763         | rVV2     | 38724          | 64117         | 0.68%           | 0.050%        |
| 34        | 13.187      | 1763          | 1768        | 1770         | rVV4     | 18176          | 37469         | 0.40%           | 0.029%        |

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 Stop Thrs : 0

Filtering: 5  
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 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\_N\METHODS\SOM-EPA-BN040920MA.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 35 | 13.522 | 1818 | 1825 | 1829 | rVV8 | 24340   | 41417   | 0.44%  | 0.032% |
| 36 | 13.640 | 1833 | 1845 | 1849 | rBV  | 2865383 | 3982971 | 42.02% | 3.096% |
| 37 | 13.687 | 1849 | 1853 | 1861 | rVB  | 1256225 | 1734972 | 18.30% | 1.349% |
| 38 | 13.910 | 1884 | 1891 | 1902 | rVV  | 3349468 | 4872728 | 51.41% | 3.788% |
| 39 | 14.098 | 1918 | 1923 | 1928 | rBV2 | 50061   | 83859   | 0.88%  | 0.065% |
| 40 | 14.157 | 1928 | 1933 | 1938 | rVV  | 174580  | 297315  | 3.14%  | 0.231% |
| 41 | 14.222 | 1938 | 1944 | 1951 | rVB  | 4570790 | 6536931 | 68.97% | 5.082% |
| 42 | 14.428 | 1973 | 1979 | 1989 | rBV  | 1175680 | 1763870 | 18.61% | 1.371% |
| 43 | 14.575 | 1999 | 2004 | 2012 | rVB  | 79613   | 128162  | 1.35%  | 0.100% |
| 44 | 14.675 | 2016 | 2021 | 2030 | rBV  | 278477  | 398460  | 4.20%  | 0.310% |
| 45 | 14.810 | 2030 | 2044 | 2046 | rBV3 | 282761  | 930302  | 9.82%  | 0.723% |
| 46 | 15.063 | 2082 | 2087 | 2094 | rBV  | 190688  | 289762  | 3.06%  | 0.225% |
| 47 | 15.222 | 2107 | 2114 | 2116 | rVV  | 4570711 | 6786913 | 71.60% | 5.276% |
| 48 | 15.240 | 2116 | 2117 | 2128 | rVV  | 3114360 | 3317544 | 35.00% | 2.579% |
| 49 | 15.340 | 2129 | 2134 | 2146 | rVV  | 784890  | 1157509 | 12.21% | 0.900% |
| 50 | 15.457 | 2150 | 2154 | 2159 | rBV2 | 47164   | 71406   | 0.75%  | 0.056% |
| 51 | 15.687 | 2186 | 2193 | 2195 | rBV3 | 83996   | 151012  | 1.59%  | 0.117% |
| 52 | 15.716 | 2195 | 2198 | 2201 | rVV  | 86469   | 119419  | 1.26%  | 0.093% |
| 53 | 15.751 | 2201 | 2204 | 2210 | rVB  | 167029  | 216070  | 2.28%  | 0.168% |
| 54 | 15.816 | 2211 | 2215 | 2220 | rVB4 | 34806   | 49760   | 0.52%  | 0.039% |
| 55 | 15.922 | 2230 | 2233 | 2239 | rVB5 | 31127   | 50071   | 0.53%  | 0.039% |
| 56 | 15.987 | 2239 | 2244 | 2253 | rVB  | 441318  | 592881  | 6.26%  | 0.461% |
| 57 | 16.075 | 2254 | 2259 | 2263 | rBV  | 973669  | 1256328 | 13.25% | 0.977% |
| 58 | 16.140 | 2263 | 2270 | 2275 | rVV2 | 1231867 | 2172098 | 22.92% | 1.689% |
| 59 | 16.198 | 2275 | 2280 | 2284 | rVV2 | 1073532 | 1527318 | 16.11% | 1.187% |
| 60 | 16.240 | 2284 | 2287 | 2291 | rVB  | 650417  | 792268  | 8.36%  | 0.616% |
| 61 | 16.292 | 2291 | 2296 | 2298 | rBV  | 406300  | 579848  | 6.12%  | 0.451% |
| 62 | 16.340 | 2302 | 2304 | 2308 | rVB  | 285575  | 326140  | 3.44%  | 0.254% |
| 63 | 16.398 | 2308 | 2314 | 2320 | rVB3 | 752484  | 1449348 | 15.29% | 1.127% |
| 64 | 16.463 | 2320 | 2325 | 2328 | rBV  | 826576  | 1111749 | 11.73% | 0.864% |
| 65 | 16.498 | 2328 | 2331 | 2334 | rVV  | 341130  | 488682  | 5.16%  | 0.380% |
| 66 | 16.534 | 2334 | 2337 | 2342 | rVB2 | 580790  | 762247  | 8.04%  | 0.593% |
| 67 | 16.640 | 2349 | 2355 | 2359 | rBV2 | 330246  | 592361  | 6.25%  | 0.460% |
| 68 | 16.716 | 2364 | 2368 | 2372 | rBV2 | 166690  | 227231  | 2.40%  | 0.177% |
| 69 | 16.787 | 2378 | 2380 | 2385 | rVB  | 93742   | 134862  | 1.42%  | 0.105% |
| 70 | 16.834 | 2385 | 2388 | 2391 | rBV2 | 24063   | 36113   | 0.38%  | 0.028% |
| 71 | 16.869 | 2392 | 2394 | 2398 | rVB3 | 43355   | 50876   | 0.54%  | 0.040% |

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Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN040920MA.M  
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|     |        |      |      |      |      |         |         |         |        |
|-----|--------|------|------|------|------|---------|---------|---------|--------|
| 72  | 16.969 | 2405 | 2411 | 2421 | rVB  | 5782641 | 8076364 | 85.21%  | 6.278% |
| 73  | 17.069 | 2421 | 2428 | 2437 | rBV  | 4915146 | 6810120 | 71.85%  | 5.294% |
| 74  | 17.234 | 2452 | 2456 | 2461 | rVB6 | 45663   | 84617   | 0.89%   | 0.066% |
| 75  | 17.298 | 2462 | 2467 | 2471 | rBV  | 259621  | 365321  | 3.85%   | 0.284% |
| 76  | 17.345 | 2471 | 2475 | 2479 | rVV2 | 169314  | 233109  | 2.46%   | 0.181% |
| 77  | 17.892 | 2563 | 2568 | 2575 | rBV3 | 287900  | 457478  | 4.83%   | 0.356% |
| 78  | 18.192 | 2616 | 2619 | 2622 | rBV5 | 53632   | 80656   | 0.85%   | 0.063% |
| 79  | 18.351 | 2643 | 2646 | 2648 | rBV2 | 77270   | 94808   | 1.00%   | 0.074% |
| 80  | 18.645 | 2691 | 2696 | 2704 | rBV  | 410806  | 660389  | 6.97%   | 0.513% |
| 81  | 19.133 | 2775 | 2779 | 2783 | rVV  | 299726  | 363530  | 3.84%   | 0.283% |
| 82  | 19.181 | 2785 | 2787 | 2793 | rVB4 | 120262  | 144086  | 1.52%   | 0.112% |
| 83  | 19.263 | 2797 | 2801 | 2808 | rVB2 | 208389  | 326711  | 3.45%   | 0.254% |
| 84  | 19.369 | 2811 | 2819 | 2825 | rBV  | 6485095 | 8581188 | 90.54%  | 6.671% |
| 85  | 19.428 | 2825 | 2829 | 2840 | rVB  | 1735986 | 2270234 | 23.95%  | 1.765% |
| 86  | 20.228 | 2961 | 2965 | 2974 | rBV  | 431531  | 660623  | 6.97%   | 0.514% |
| 87  | 20.592 | 3023 | 3027 | 3032 | rBV  | 339716  | 409667  | 4.32%   | 0.318% |
| 88  | 20.763 | 3053 | 3056 | 3061 | rBV2 | 134457  | 165689  | 1.75%   | 0.129% |
| 89  | 20.910 | 3077 | 3081 | 3088 | rBV2 | 794953  | 1061859 | 11.20%  | 0.825% |
| 90  | 21.169 | 3120 | 3125 | 3131 | rBV  | 7514256 | 9478294 | 100.00% | 7.368% |
| 91  | 21.357 | 3155 | 3157 | 3164 | rVB5 | 149827  | 165809  | 1.75%   | 0.129% |
| 92  | 21.516 | 3181 | 3184 | 3192 | rBV  | 476613  | 757997  | 8.00%   | 0.589% |
| 93  | 21.786 | 3227 | 3230 | 3232 | rBV3 | 234783  | 295858  | 3.12%   | 0.230% |
| 94  | 21.810 | 3232 | 3234 | 3239 | rVB  | 317451  | 409213  | 4.32%   | 0.318% |
| 95  | 22.239 | 3304 | 3307 | 3310 | rVB2 | 292125  | 349791  | 3.69%   | 0.272% |
| 96  | 22.727 | 3387 | 3390 | 3397 | rVB2 | 408255  | 509752  | 5.38%   | 0.396% |
| 97  | 23.204 | 3465 | 3471 | 3477 | rVB  | 4003235 | 6987150 | 73.72%  | 5.432% |
| 98  | 23.269 | 3479 | 3482 | 3487 | rVV  | 452706  | 648513  | 6.84%   | 0.504% |
| 99  | 23.339 | 3488 | 3494 | 3502 | rVB  | 4366338 | 7940079 | 83.77%  | 6.172% |
| 100 | 23.892 | 3584 | 3588 | 3594 | rVB  | 400624  | 653778  | 6.90%   | 0.508% |

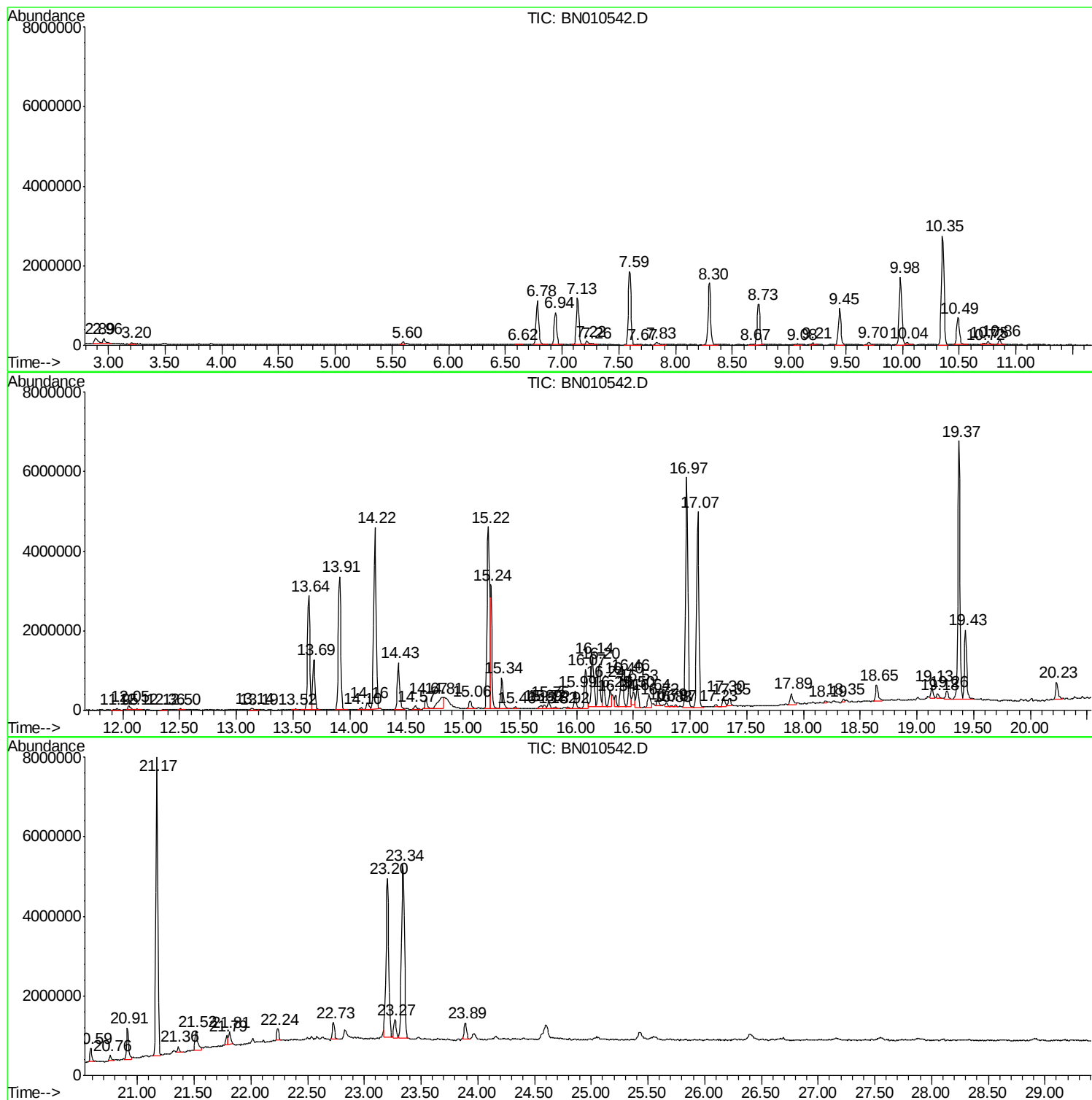
Sum of corrected areas: 128636568

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN040920MA.M  
Quant Title : SVOA CALIBRATION

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



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Quant Title : SVOA CALIBRATION

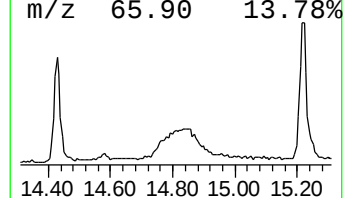
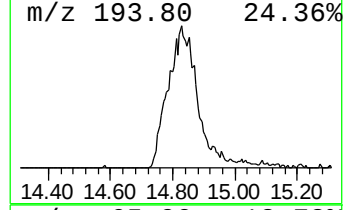
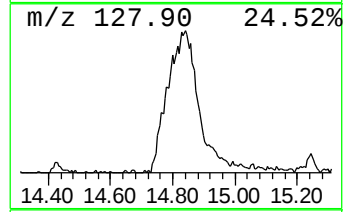
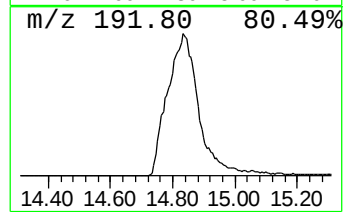
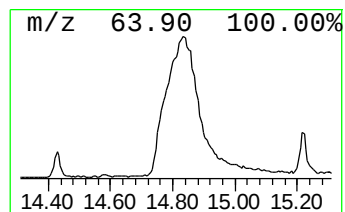
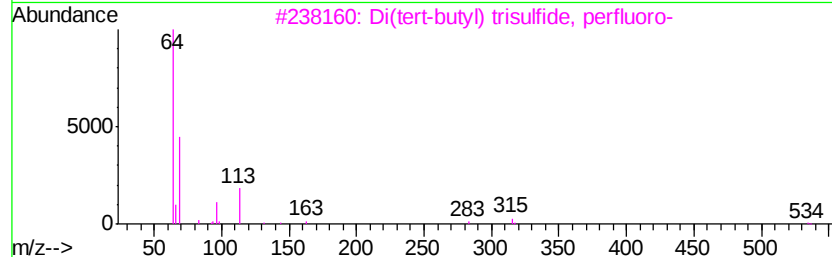
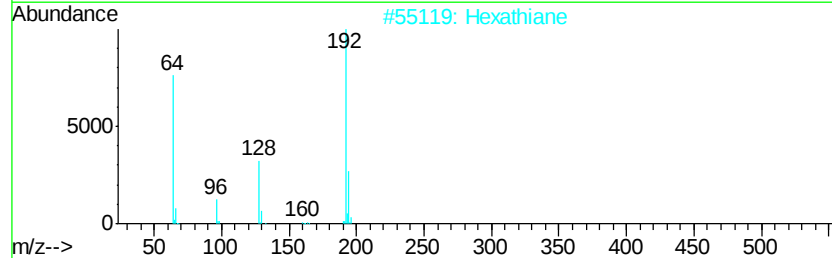
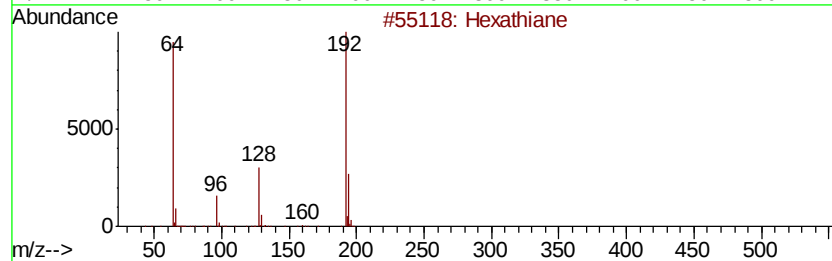
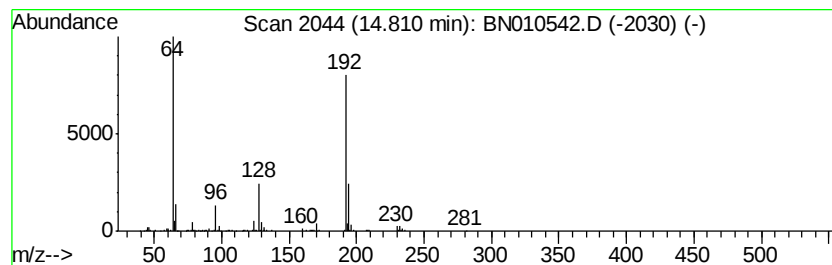
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 Hexathiane Concentration Rank 6

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 14.81 | 2.85 ng/ul | 930302 | Acenaphthene-d10 | 14.22 |

| Hit# of | 5                                   | Tentative ID | MW  | MolForm   | CAS#        | Qual |
|---------|-------------------------------------|--------------|-----|-----------|-------------|------|
| 1       | Hexathiane                          |              | 192 | S6        | 013798-23-7 | 94   |
| 2       | Hexathiane                          |              | 192 | S6        | 013798-23-7 | 91   |
| 3       | Di(tert-butyl) trisulfide, perfl... |              | 534 | C8F18S3   | 016005-64-4 | 36   |
| 4       | 5-Chloro-1,2-trimethylene benzim... |              | 192 | C10H9ClN2 | 010252-95-6 | 9    |
| 5       | 2-Chloro-7-methoxynaphthalene       |              | 192 | C11H9ClO  | 067061-67-0 | 9    |



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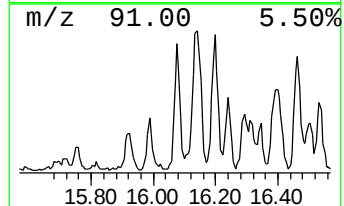
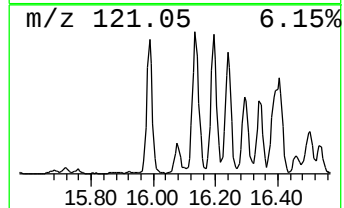
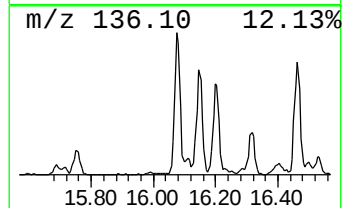
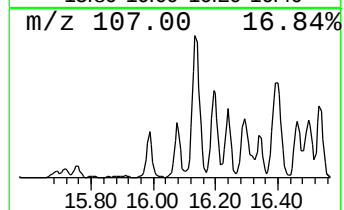
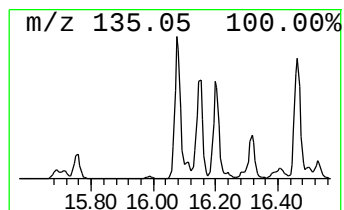
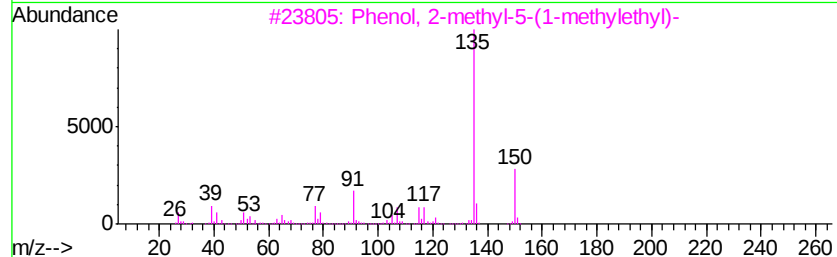
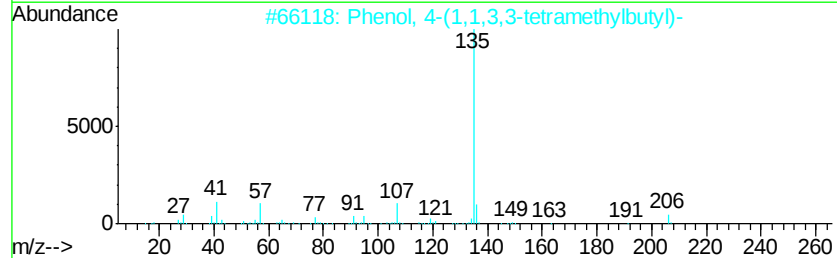
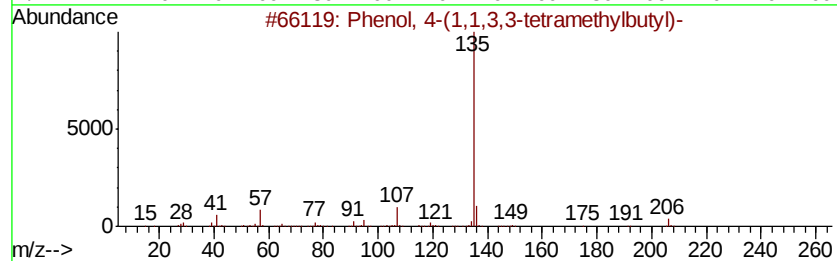
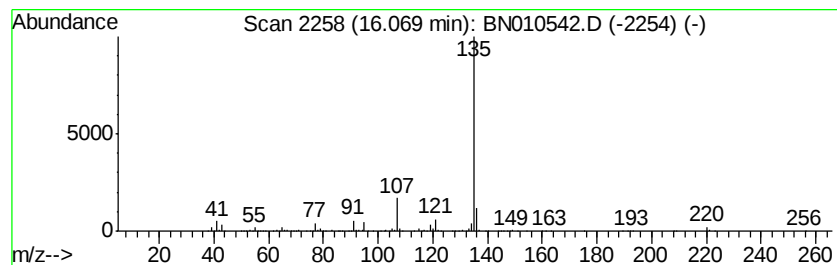
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\*\*\*\*\*  
Peak Number 2 Phenol, 4-(1,1,3,3-tetramet... Concentration Rank 5

| R.T.    | EstConc                             | Area                        | Relative to ISTD | R.T.     |              |      |
|---------|-------------------------------------|-----------------------------|------------------|----------|--------------|------|
| 16.07   | 3.11 ng/ul                          | 1256330                     | Phenanthrene-d10 | 16.97    |              |      |
| Hit# of | 5                                   | Tentative ID                | MW               | MolForm  | CAS#         | Qual |
| 1       | Phenol,                             | 4-(1,1,3,3-tetramethylbu... | 206              | C14H22O  | 000140-66-9  | 78   |
| 2       | Phenol,                             | 4-(1,1,3,3-tetramethylbu... | 206              | C14H22O  | 000140-66-9  | 78   |
| 3       | Phenol,                             | 2-methyl-5-(1-methylethyl)- | 150              | C10H14O  | 000499-75-2  | 78   |
| 4       | 4-(1,1-Dimethylpropyl)phenyl ace... |                             | 206              | C13H18O2 | 1000373-45-3 | 72   |
| 5       | Butane,                             | 1,3-dibromo-                | 214              | C4H8Br2  | 000107-80-2  | 64   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN041620\  
Data File : BN010542.D  
Acq On : 17 Apr 2020 06:40  
Operator : CG/JU  
Sample : L2176-09  
Misc :  
ALS Vial : 30 Sample Multiplier: 1

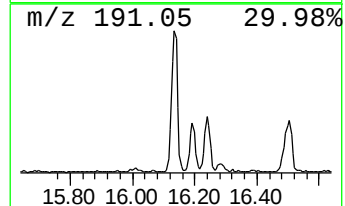
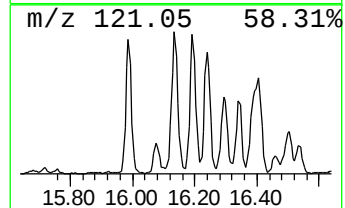
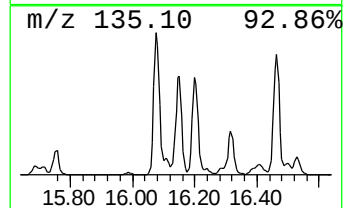
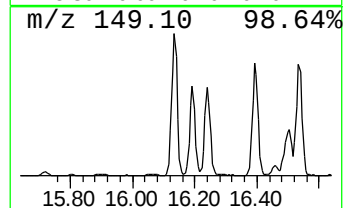
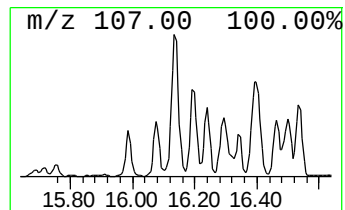
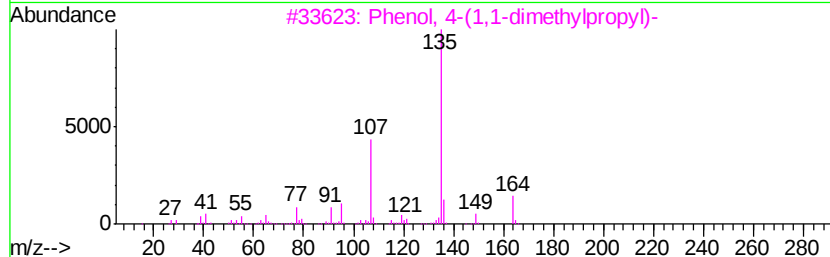
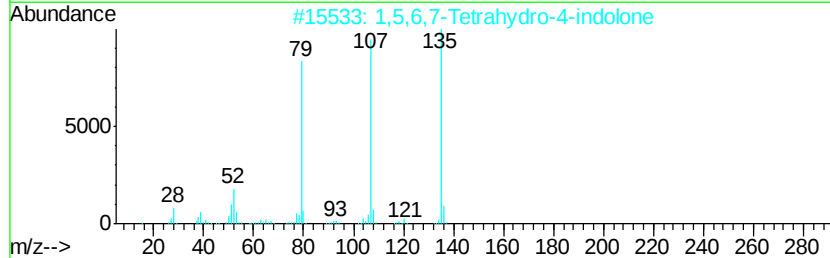
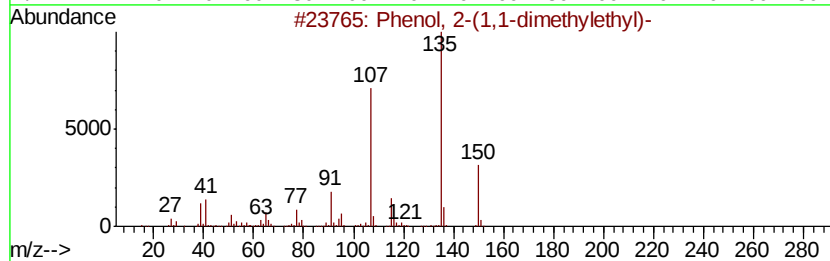
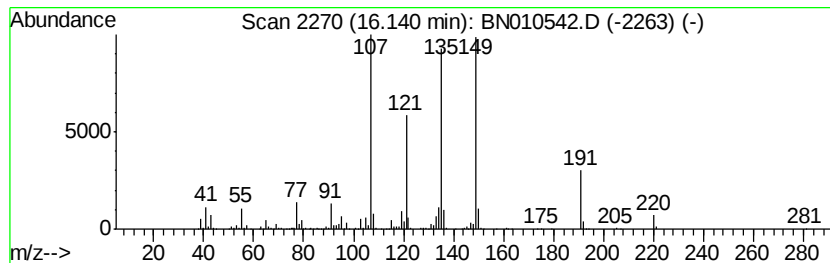
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN040920MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 3 unknown-01 Concentration Rank 1

| R.T.      | EstConc                             | Area    | Relative to ISTD | R.T.        |      |
|-----------|-------------------------------------|---------|------------------|-------------|------|
| 16.14     | 5.38 ng/ul                          | 2172100 | Phenanthrene-d10 | 16.97       |      |
| Hit# of 5 | Tentative ID                        | MW      | MolForm          | CAS#        | Qual |
| 1         | Phenol, 2-(1,1-dimethylethyl)-      | 150     | C10H14O          | 000088-18-6 | 49   |
| 2         | 1,5,6,7-Tetrahydro-4-indolone       | 135     | C8H9NO           | 013754-86-4 | 43   |
| 3         | Phenol, 4-(1,1-dimethylpropyl)-     | 164     | C11H16O          | 000080-46-6 | 43   |
| 4         | Phenol, 2-(1,1-dimethylethyl)-      | 150     | C10H14O          | 000088-18-6 | 43   |
| 5         | Pyridine-3-carbonitrile, 1,2-dih... | 191     | C9H9N3O2         | 220098-92-0 | 25   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041620\  
Data File : BN010542.D  
Acq On : 17 Apr 2020 06:40  
Operator : CG/JU  
Sample : L2176-09  
Misc :  
ALS Vial : 30 Sample Multiplier: 1

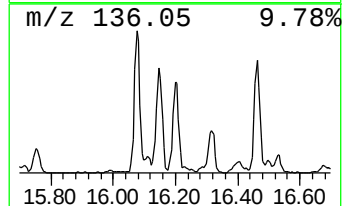
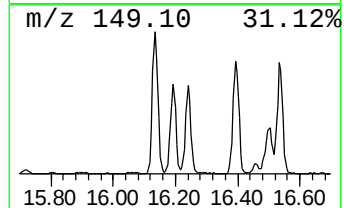
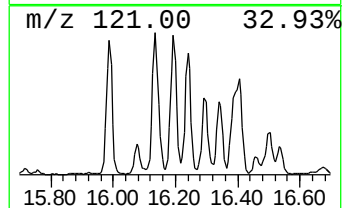
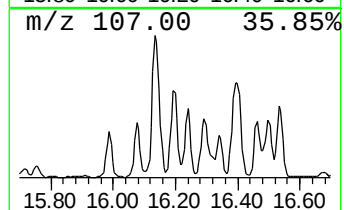
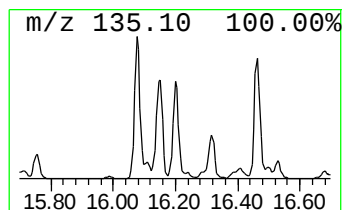
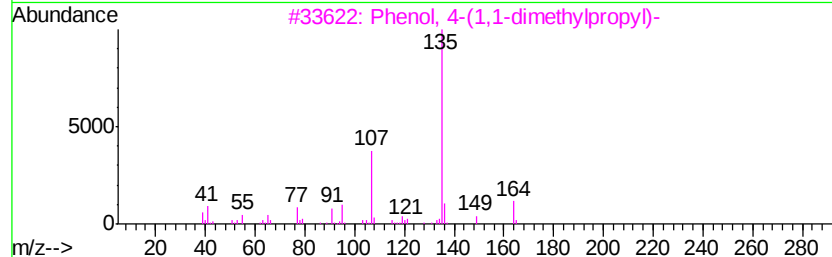
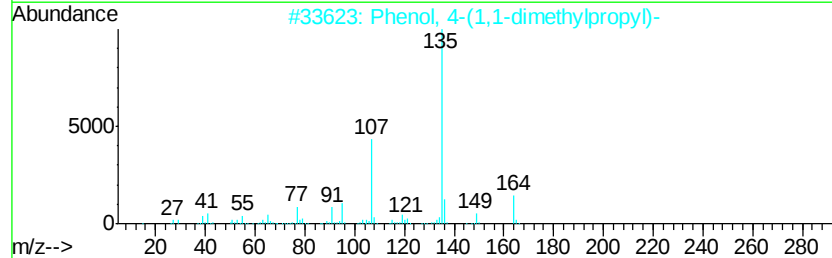
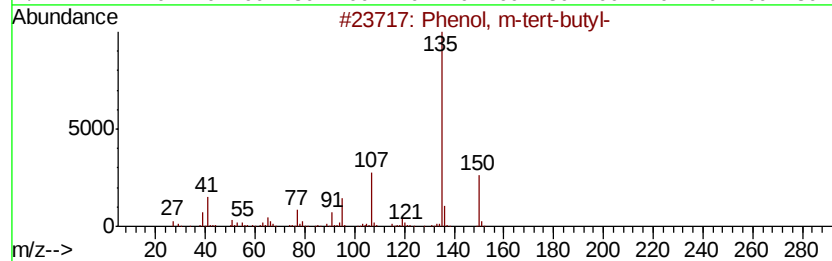
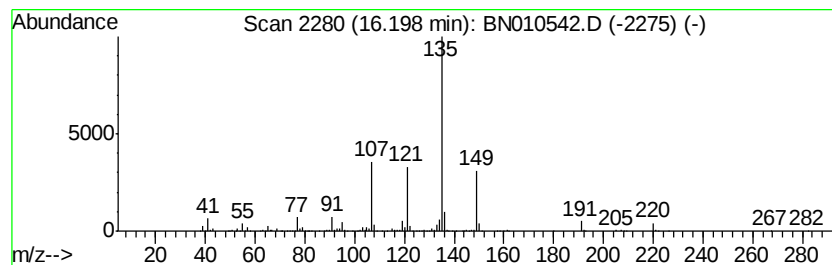
Instrument :  
BNA\_N  
ClientSampleId :  
BG2J5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN040920MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 4 Phenol, m-tert-butyl- Concentration Rank 3

| R.T.    | EstConc                             | Area         | Relative to ISTD | R.T.         |      |      |
|---------|-------------------------------------|--------------|------------------|--------------|------|------|
| 16.20   | 3.78 ng/ul                          | 1527320      | Phenanthrene-d10 | 16.97        |      |      |
| Hit# of | 5                                   | Tentative ID | MW               | MolForm      | CAS# | Qual |
| 1       | Phenol, m-tert-butyl-               | 150          | C10H14O          | 000585-34-2  | 64   |      |
| 2       | Phenol, 4-(1,1-dimethylpropyl)-     | 164          | C11H16O          | 000080-46-6  | 59   |      |
| 3       | Phenol, 4-(1,1-dimethylpropyl)-     | 164          | C11H16O          | 000080-46-6  | 59   |      |
| 4       | 4-(1,1-Dimethylpropyl)phenyl ace... | 206          | C13H18O2         | 1000373-45-3 | 53   |      |
| 5       | Hexestrol, O-trifluoroacetyl-       | 366          | C20H21F3O3       | 1000365-31-7 | 53   |      |



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041620\  
Data File : BN010542.D  
Acq On : 17 Apr 2020 06:40  
Operator : CG/JU  
Sample : L2176-09  
Misc :  
ALS Vial : 30 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
BG2J5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN040920MA.M  
Quant Title : SVOA CALIBRATION

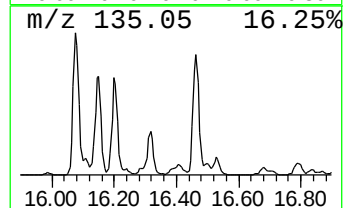
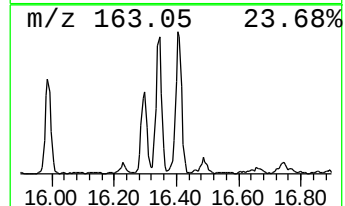
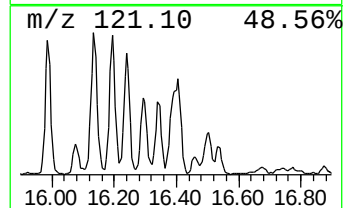
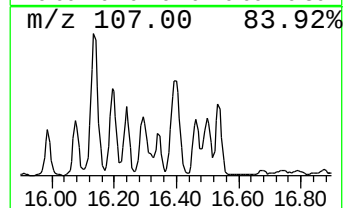
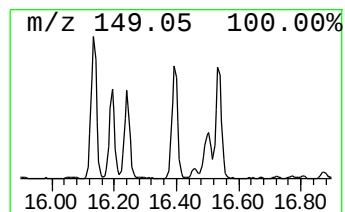
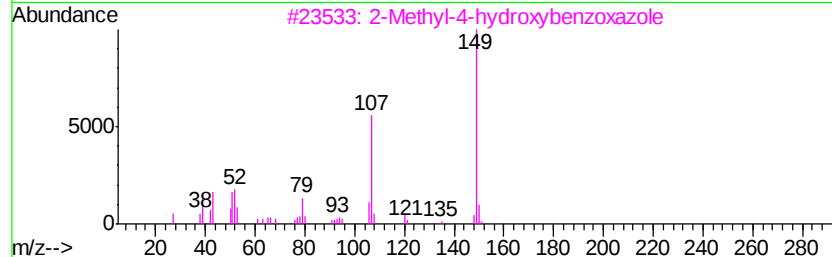
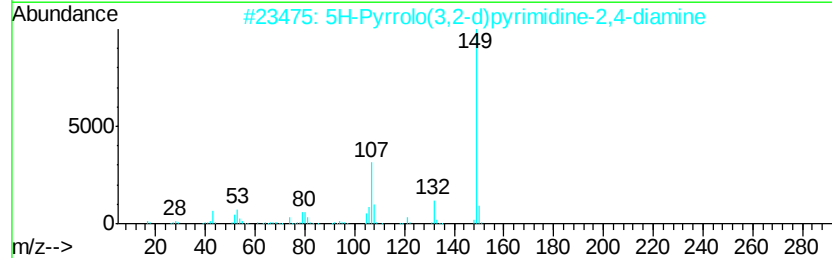
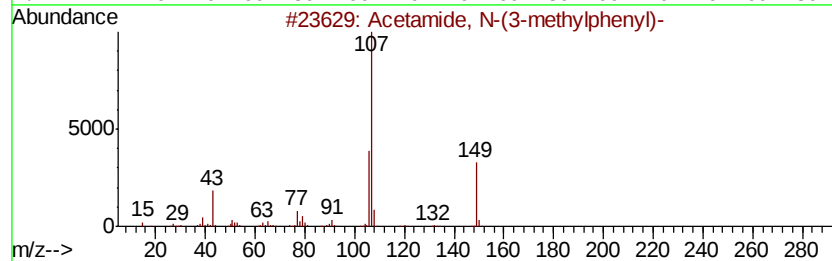
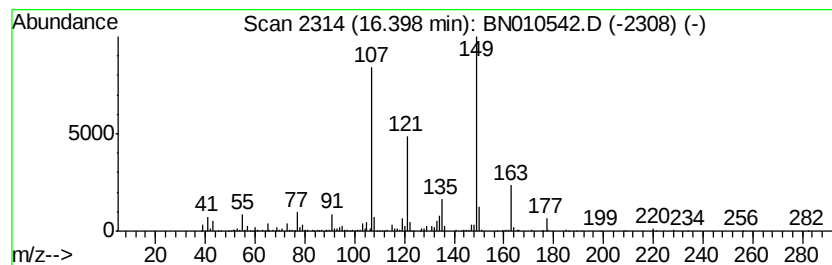
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 5 Acetamide, N-(3-methylphenyl)- Concentration Rank 4

| R.T.  | EstConc    | Area    | Relative to ISTD | R.T.  |
|-------|------------|---------|------------------|-------|
| 16.40 | 3.59 ng/ul | 1449350 | Phenanthrene-d10 | 16.97 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#         | Qual |
|------|----|-------------------------------------|-----|---------|--------------|------|
| 1    | 5  | Acetamide, N-(3-methylphenyl)-      | 149 | C9H11NO | 000537-92-8  | 64   |
| 2    |    | 5H-Pyrrolo(3,2-d)pyrimidine-2,4-... | 149 | C6H7N5  | 1000244-21-4 | 64   |
| 3    |    | 2-Methyl-4-hydroxybenzoxazole       | 149 | C8H7NO2 | 051110-60-2  | 59   |
| 4    |    | Phenol, 2-methyl-4-(1,1,3,3-tetr... | 220 | C15H24O | 002219-84-3  | 38   |
| 5    |    | Phenol, 2-(1,1-dimethylethyl)-4-... | 164 | C11H16O | 002409-55-4  | 35   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041620\  
Data File : BN010542.D  
Acq On : 17 Apr 2020 06:40  
Operator : CG/JU  
Sample : L2176-09  
Misc :  
ALS Vial : 30 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
BG2J5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN040920MA.M  
Quant Title : SVOA CALIBRATION

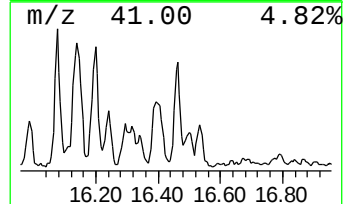
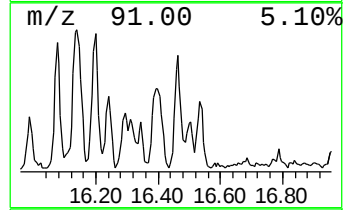
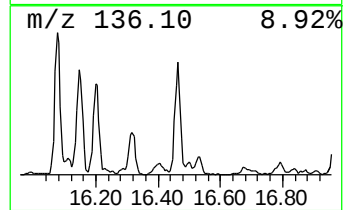
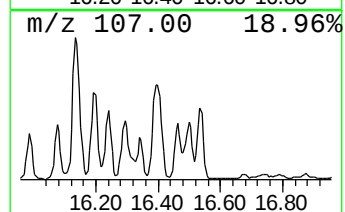
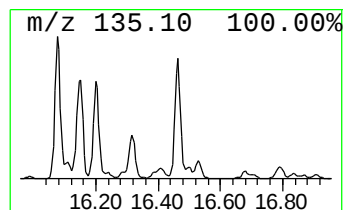
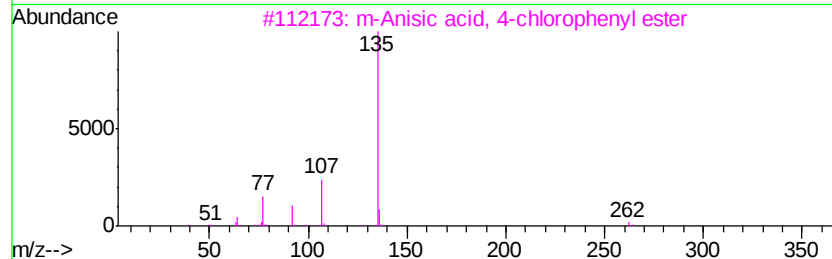
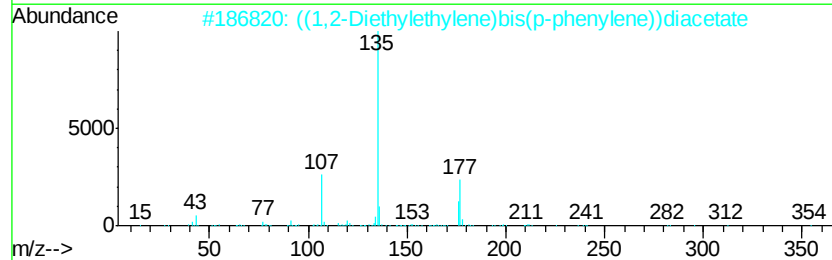
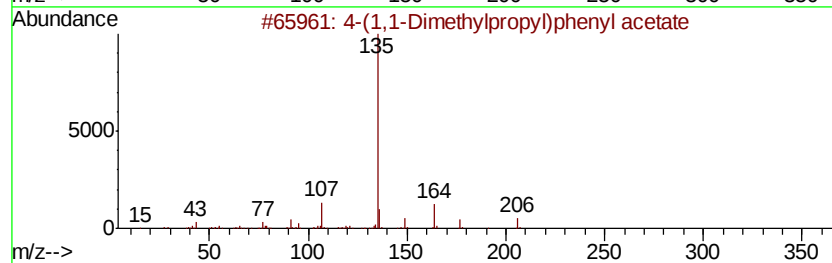
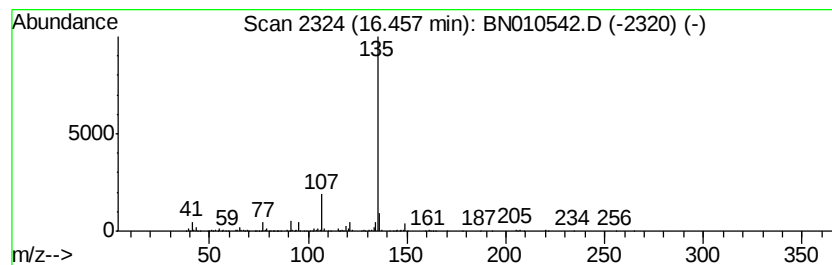
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 6 4-(1,1-Dimethylpropyl)pheny... Concentration Rank 7

| R.T.  | EstConc    | Area    | Relative to ISTD | R.T.  |
|-------|------------|---------|------------------|-------|
| 16.46 | 2.75 ng/ul | 1111750 | Phenanthrene-d10 | 16.97 |

| Hit# | of | Tentative ID                        | MW  | MolForm    | CAS#         | Qual |
|------|----|-------------------------------------|-----|------------|--------------|------|
| 1    | 5  | 4-(1,1-Dimethylpropyl)phenyl ace... | 206 | C13H18O2   | 1000373-45-3 | 72   |
| 2    |    | ((1,2-Diethylethylene)bis(p-phen... | 354 | C22H26O4   | 004547-76-6  | 72   |
| 3    |    | m-Anisic acid, 4-chlorophenyl ester | 262 | C14H11ClO3 | 1000307-79-9 | 64   |
| 4    |    | Phenol, 4-(1,1,3,3-tetramethylbu... | 206 | C14H22O    | 000140-66-9  | 64   |
| 5    |    | Pentanoic acid, 5-hydroxy-, p-t-... | 250 | C15H22O3   | 166273-37-6  | 64   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041620\  
Data File : BN010542.D  
Acq On : 17 Apr 2020 06:40  
Operator : CG/JU  
Sample : L2176-09  
Misc :  
ALS Vial : 30 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
BG2J5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN040920MA.M  
Quant Title : SVOA CALIBRATION

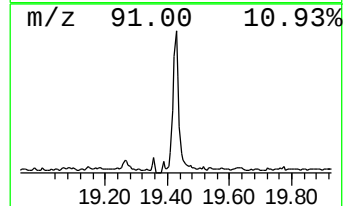
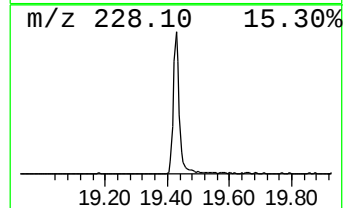
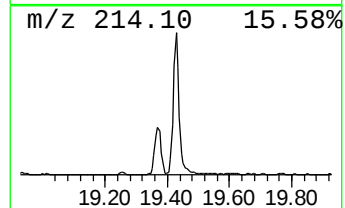
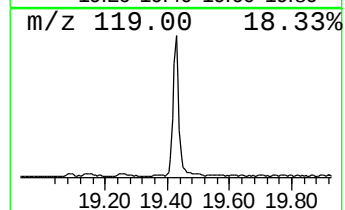
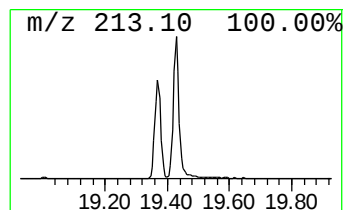
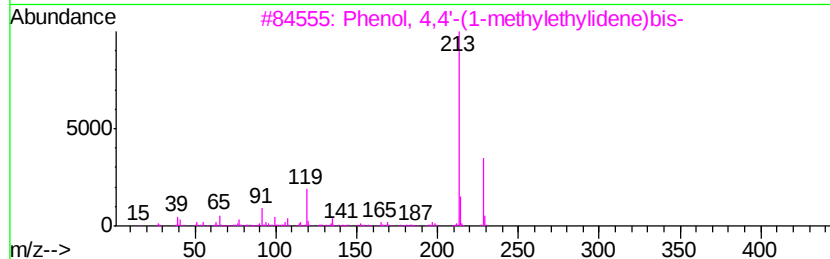
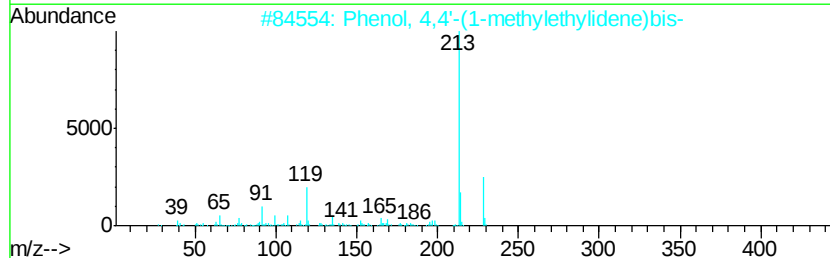
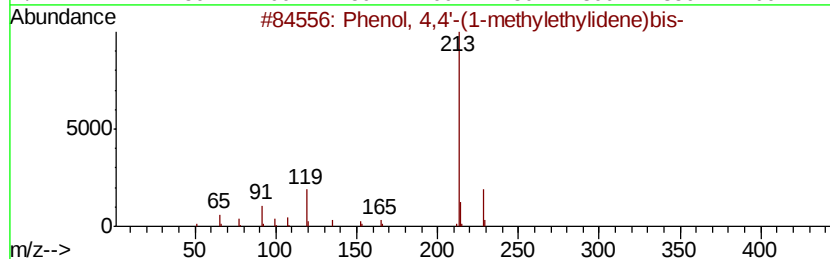
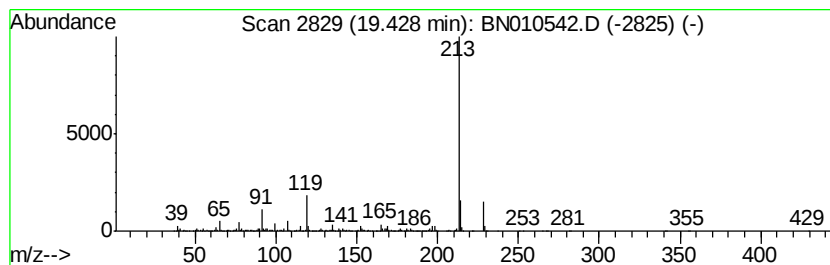
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 7 Phenol, 4,4'-(1-methylethyl... Concentration Rank 2

| R.T.  | EstConc    | Area    | Relative to ISTD | R.T.  |
|-------|------------|---------|------------------|-------|
| 19.43 | 4.79 ng/ul | 2270230 | Chrysene-d12     | 21.17 |

| Hit# | of | Tentative ID                          | MW  | MolForm   | CAS#        | Qual |
|------|----|---------------------------------------|-----|-----------|-------------|------|
| 1    | 5  | Phenol, 4,4'-(1-methylethylidene)bis- | 228 | C15H16O2  | 000080-05-7 | 97   |
| 2    |    | Phenol, 4,4'-(1-methylethylidene)bis- | 228 | C15H16O2  | 000080-05-7 | 93   |
| 3    |    | Phenol, 4,4'-(1-methylethylidene)bis- | 228 | C15H16O2  | 000080-05-7 | 87   |
| 4    |    | Indole, 6-methyl-2-(2-thienyl)-       | 213 | C13H11NS  | 296245-70-0 | 52   |
| 5    |    | Carbanilic acid, p-phenyl-            | 213 | C13H11NO2 | 004474-53-7 | 50   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041620\  
Data File : BN010542.D  
Acq On : 17 Apr 2020 06:40  
Operator : CG/JU  
Sample : L2176-09  
Misc :  
ALS Vial : 30 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
BG2J5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN040920MA.M  
Quant Title : SVOA CALIBRATION

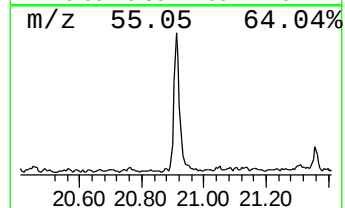
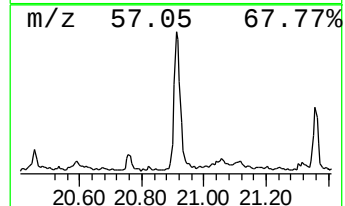
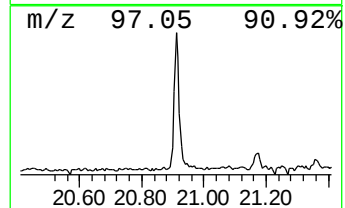
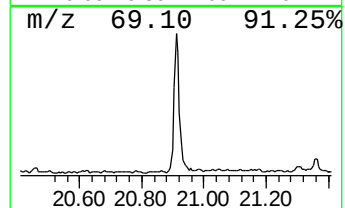
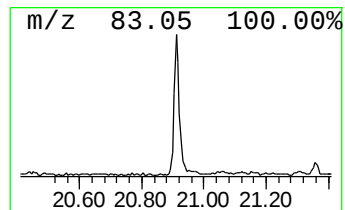
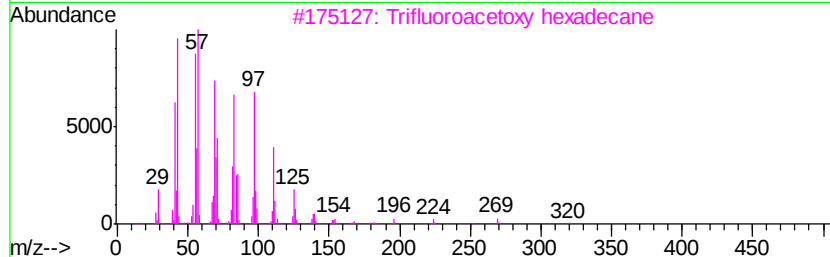
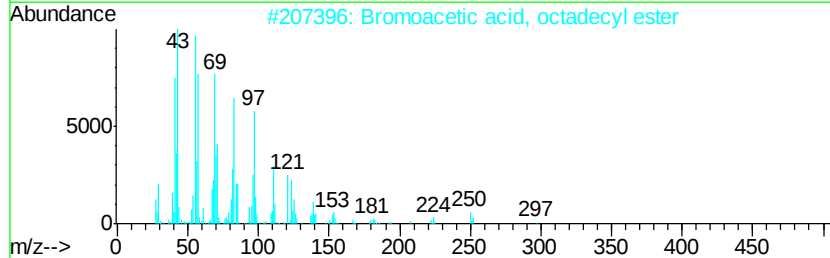
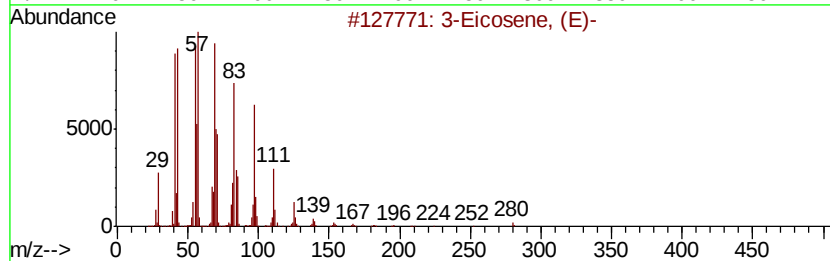
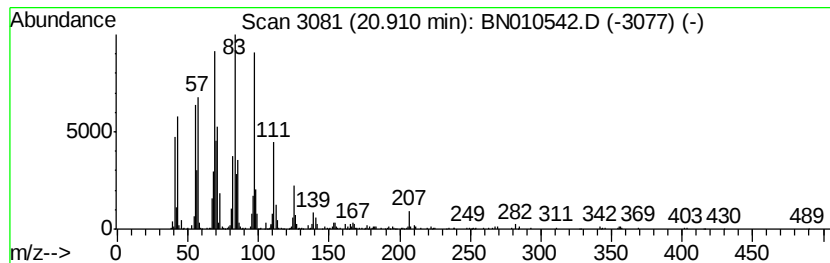
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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

| R.T.  | EstConc    | Area    | Relative to ISTD | R.T.  |
|-------|------------|---------|------------------|-------|
| 20.91 | 2.24 ng/ul | 1061860 | Chrysene-d12     | 21.17 |

| Hit# | of | Tentative ID                      | MW  | MolForm    | CAS#        | Qual |
|------|----|-----------------------------------|-----|------------|-------------|------|
| 1    | 5  | 3-Eicosene, (E)-                  | 280 | C20H40     | 074685-33-9 | 91   |
| 2    |    | Bromoacetic acid, octadecyl ester | 390 | C20H39BrO2 | 018992-03-5 | 91   |
| 3    |    | Trifluoroacetoxy hexadecane       | 338 | C18H33F3O2 | 006222-03-3 | 91   |
| 4    |    | Bromoacetic acid, hexadecyl ester | 362 | C18H35BrO2 | 005454-48-8 | 91   |
| 5    |    | 1-Hexadecanol                     | 242 | C16H34O    | 036653-82-4 | 87   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN041620\  
Data File : BN010542.D  
Acq On : 17 Apr 2020 06:40  
Operator : CG/JU  
Sample : L2176-09  
Misc :  
ALS Vial : 30 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
BG2J5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN040920MA.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 |
| Hexathiane           | 14.81 | 2.9     | ng/ul | 930302   | 3                     | 14.22 | 6536930 | 20.0 |
| Phenol, 4-(1,1,3,... | 16.07 | 3.1     | ng/ul | 1256330  | 4                     | 16.97 | 8076360 | 20.0 |
| unknown-01           | 16.14 | 5.4     | ng/ul | 2172100  | 4                     | 16.97 | 8076360 | 20.0 |
| Phenol, m-tert-bu... | 16.20 | 3.8     | ng/ul | 1527320  | 4                     | 16.97 | 8076360 | 20.0 |
| Acetamide, N-(3-m... | 16.40 | 3.6     | ng/ul | 1449350  | 4                     | 16.97 | 8076360 | 20.0 |
| 4-(1,1-Dimethylpr... | 16.46 | 2.8     | ng/ul | 1111750  | 4                     | 16.97 | 8076360 | 20.0 |
| Phenol, 4,4'-(1-m... | 19.43 | 4.8     | ng/ul | 2270230  | 5                     | 21.17 | 9478290 | 20.0 |
| (DEL) Alkane: Str... | 20.91 | 2.2     | ng/ul | 1061860  | 5                     | 21.17 | 9478290 | 20.0 |