

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122120\  
 Data File : BM028233.D  
 Acq On : 22 Dec 2020 08:48  
 Operator : JU/CG  
 Sample : L5110-23  
 Misc :  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A54P4

## 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-BM121520MA.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         | 3.328       | 21            | 24          | 28           | rVB      | 4924           | 6463          | 0.18%           | 0.008%        |
| 2         | 3.411       | 34            | 38          | 41           | rBV      | 35667          | 46591         | 1.32%           | 0.054%        |
| 3         | 3.446       | 41            | 44          | 53           | rVB      | 146264         | 189168        | 5.35%           | 0.221%        |
| 4         | 3.722       | 88            | 91          | 99           | rBV      | 21042          | 32757         | 0.93%           | 0.038%        |
| 5         | 4.222       | 170           | 176         | 181          | rBV      | 7188           | 12078         | 0.34%           | 0.014%        |
| 6         | 4.575       | 231           | 236         | 242          | rBV      | 59072          | 81891         | 2.32%           | 0.096%        |
| 7         | 5.210       | 339           | 344         | 357          | rBV      | 280199         | 385803        | 10.92%          | 0.450%        |
| 8         | 6.228       | 513           | 517         | 526          | rVB4     | 3978           | 7018          | 0.20%           | 0.008%        |
| 9         | 6.434       | 547           | 552         | 559          | rVB      | 6302           | 10645         | 0.30%           | 0.012%        |
| 10        | 7.334       | 698           | 705         | 717          | rBV      | 612651         | 1030195       | 29.15%          | 1.202%        |
| 11        | 7.510       | 726           | 735         | 744          | rBV      | 453325         | 711104        | 20.12%          | 0.830%        |
| 12        | 7.604       | 744           | 751         | 760          | rVV      | 695957         | 1029567       | 29.13%          | 1.201%        |
| 13        | 7.716       | 763           | 770         | 773          | rVV      | 609458         | 1035728       | 29.31%          | 1.208%        |
| 14        | 7.751       | 773           | 776         | 791          | rVB      | 787200         | 1192017       | 33.73%          | 1.391%        |
| 15        | 8.198       | 844           | 852         | 858          | rBV      | 459772         | 721311        | 20.41%          | 0.841%        |
| 16        | 8.251       | 858           | 861         | 867          | rVB2     | 6131           | 8484          | 0.24%           | 0.010%        |
| 17        | 8.734       | 933           | 943         | 948          | rBV2     | 444366         | 1087216       | 30.76%          | 1.268%        |
| 18        | 8.781       | 948           | 951         | 958          | rVB      | 46558          | 68778         | 1.95%           | 0.080%        |
| 19        | 8.904       | 962           | 972         | 983          | rBV      | 705455         | 1130379       | 31.99%          | 1.319%        |
| 20        | 9.010       | 983           | 990         | 1000         | rVB      | 435707         | 661783        | 18.73%          | 0.772%        |
| 21        | 9.292       | 1031          | 1038        | 1045         | rBV      | 473823         | 782131        | 22.13%          | 0.912%        |
| 22        | 9.375       | 1045          | 1052        | 1055         | rVV      | 523071         | 887051        | 25.10%          | 1.035%        |
| 23        | 9.416       | 1055          | 1059        | 1070         | rVB      | 617281         | 994925        | 28.15%          | 1.161%        |
| 24        | 9.763       | 1113          | 1118        | 1123         | rVB      | 20339          | 29474         | 0.83%           | 0.034%        |
| 25        | 10.098      | 1168          | 1175        | 1183         | rBV      | 453139         | 723408        | 20.47%          | 0.844%        |
| 26        | 10.422      | 1222          | 1230        | 1237         | rBV      | 584708         | 887575        | 25.12%          | 1.035%        |
| 27        | 10.639      | 1259          | 1267        | 1269         | rBV      | 728197         | 1283522       | 36.32%          | 1.497%        |
| 28        | 10.663      | 1269          | 1271        | 1281         | rVB      | 814769         | 1087792       | 30.78%          | 1.269%        |
| 29        | 10.798      | 1289          | 1294        | 1298         | rVB5     | 4410           | 6490          | 0.18%           | 0.008%        |
| 30        | 11.028      | 1319          | 1333        | 1337         | rBV      | 580956         | 1004316       | 28.42%          | 1.172%        |
| 31        | 11.075      | 1337          | 1341        | 1348         | rVB      | 842259         | 1393925       | 39.44%          | 1.626%        |
| 32        | 11.151      | 1348          | 1354        | 1361         | rBV      | 639979         | 1086892       | 30.76%          | 1.268%        |
| 33        | 11.357      | 1382          | 1389        | 1395         | rBV      | 473002         | 763432        | 21.60%          | 0.891%        |
| 34        | 12.133      | 1515          | 1521        | 1526         | rBV2     | 4106           | 6554          | 0.19%           | 0.008%        |

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Integrator: RTE  
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 Sampling : 1  
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 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-BM121520MA.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 35 | 12.410 | 1563 | 1568 | 1577 | rVB2 | 6766    | 10610   | 0.30%  | 0.012% |
| 36 | 12.528 | 1583 | 1588 | 1595 | rVB2 | 15705   | 23742   | 0.67%  | 0.028% |
| 37 | 12.598 | 1595 | 1600 | 1605 | rBV  | 10830   | 17644   | 0.50%  | 0.021% |
| 38 | 12.792 | 1628 | 1633 | 1642 | rBV3 | 23985   | 41183   | 1.17%  | 0.048% |
| 39 | 12.886 | 1642 | 1649 | 1658 | rVB  | 1068816 | 1654767 | 46.82% | 1.930% |
| 40 | 13.010 | 1663 | 1670 | 1672 | rBV  | 490434  | 775623  | 21.95% | 0.905% |
| 41 | 13.263 | 1707 | 1713 | 1719 | rVV  | 1116173 | 1673747 | 47.36% | 1.952% |
| 42 | 13.333 | 1719 | 1725 | 1738 | rVV  | 731952  | 1092598 | 30.92% | 1.275% |
| 43 | 13.639 | 1771 | 1777 | 1780 | rBV2 | 17401   | 26257   | 0.74%  | 0.031% |
| 44 | 13.710 | 1783 | 1789 | 1798 | rVB2 | 1326136 | 1968492 | 55.70% | 2.296% |
| 45 | 13.933 | 1822 | 1827 | 1830 | rBV5 | 6630    | 7859    | 0.22%  | 0.009% |
| 46 | 14.227 | 1869 | 1877 | 1881 | rBV  | 1079300 | 1545218 | 43.72% | 1.803% |
| 47 | 14.275 | 1881 | 1885 | 1892 | rVB  | 1174773 | 1615037 | 45.70% | 1.884% |
| 48 | 14.392 | 1900 | 1905 | 1911 | rBV  | 427735  | 590738  | 16.72% | 0.689% |
| 49 | 14.522 | 1921 | 1927 | 1930 | rBV  | 1292891 | 2089075 | 59.11% | 2.437% |
| 50 | 14.551 | 1930 | 1932 | 1940 | rVB  | 991047  | 1224148 | 34.64% | 1.428% |
| 51 | 14.698 | 1953 | 1957 | 1961 | rVB2 | 8413    | 10547   | 0.30%  | 0.012% |
| 52 | 14.827 | 1972 | 1979 | 1984 | rBV  | 823903  | 1159220 | 32.80% | 1.352% |
| 53 | 14.892 | 1984 | 1990 | 1996 | rVB  | 957291  | 1419688 | 40.17% | 1.656% |
| 54 | 14.998 | 2000 | 2008 | 2017 | rBV  | 529763  | 785483  | 22.23% | 0.916% |
| 55 | 15.086 | 2017 | 2023 | 2032 | rVV  | 642938  | 894541  | 25.31% | 1.044% |
| 56 | 15.174 | 2032 | 2038 | 2041 | rVV  | 359661  | 484502  | 13.71% | 0.565% |
| 57 | 15.222 | 2041 | 2046 | 2055 | rVB  | 975846  | 1371906 | 38.82% | 1.600% |
| 58 | 15.439 | 2079 | 2083 | 2087 | rVB4 | 5748    | 8691    | 0.25%  | 0.010% |
| 59 | 15.621 | 2107 | 2114 | 2121 | rVB  | 1016604 | 1346990 | 38.12% | 1.571% |
| 60 | 15.810 | 2139 | 2146 | 2150 | rBV  | 1593509 | 2310856 | 65.39% | 2.696% |
| 61 | 15.863 | 2150 | 2155 | 2160 | rVV2 | 1376983 | 2329448 | 65.92% | 2.717% |
| 62 | 15.916 | 2160 | 2164 | 2177 | rVV  | 517575  | 704307  | 19.93% | 0.822% |
| 63 | 16.045 | 2180 | 2186 | 2191 | rVB  | 20151   | 28628   | 0.81%  | 0.033% |
| 64 | 16.439 | 2249 | 2253 | 2257 | rBV6 | 7041    | 10937   | 0.31%  | 0.013% |
| 65 | 16.492 | 2260 | 2262 | 2265 | rVV3 | 4644    | 6770    | 0.19%  | 0.008% |
| 66 | 16.516 | 2265 | 2266 | 2271 | rVV4 | 5798    | 8684    | 0.25%  | 0.010% |
| 67 | 16.580 | 2273 | 2277 | 2281 | rVB4 | 6195    | 8678    | 0.25%  | 0.010% |
| 68 | 16.739 | 2297 | 2304 | 2309 | rBV  | 739957  | 1026418 | 29.04% | 1.197% |
| 69 | 16.857 | 2318 | 2324 | 2330 | rBV  | 554466  | 744442  | 21.07% | 0.868% |
| 70 | 17.192 | 2372 | 2381 | 2393 | rBV  | 922430  | 1240911 | 35.11% | 1.448% |
| 71 | 17.280 | 2393 | 2396 | 2400 | rVV4 | 7863    | 12206   | 0.35%  | 0.014% |

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## Integration Parameters: LSCINT.P

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 Stop Thrs : 0

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 Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM121520MA.M  
 Title : SVOA CALIBRATION

|     |        |      |      |      |      |         |         |         |        |
|-----|--------|------|------|------|------|---------|---------|---------|--------|
| 72  | 17.339 | 2402 | 2406 | 2412 | rVB6 | 6513    | 11730   | 0.33%   | 0.014% |
| 73  | 17.545 | 2435 | 2441 | 2447 | rBV  | 884297  | 1255593 | 35.53%  | 1.465% |
| 74  | 17.645 | 2452 | 2458 | 2461 | rVV2 | 1675441 | 2455924 | 69.49%  | 2.865% |
| 75  | 17.680 | 2461 | 2464 | 2476 | rVB  | 2139639 | 2734254 | 77.37%  | 3.190% |
| 76  | 17.815 | 2482 | 2487 | 2493 | rVB6 | 5565    | 10186   | 0.29%   | 0.012% |
| 77  | 17.898 | 2498 | 2501 | 2502 | rVV3 | 6455    | 7268    | 0.21%   | 0.008% |
| 78  | 17.945 | 2502 | 2509 | 2517 | rVV  | 1680524 | 2337885 | 66.15%  | 2.727% |
| 79  | 18.145 | 2540 | 2543 | 2547 | rBV4 | 10513   | 11625   | 0.33%   | 0.014% |
| 80  | 18.404 | 2581 | 2587 | 2595 | rBV  | 136687  | 206729  | 5.85%   | 0.241% |
| 81  | 18.480 | 2595 | 2600 | 2607 | rVB  | 1620038 | 1915421 | 54.20%  | 2.234% |
| 82  | 18.698 | 2633 | 2637 | 2639 | rBV3 | 9592    | 13458   | 0.38%   | 0.016% |
| 83  | 18.939 | 2674 | 2678 | 2684 | rVB2 | 29592   | 41806   | 1.18%   | 0.049% |
| 84  | 19.251 | 2728 | 2731 | 2733 | rBV4 | 5975    | 8442    | 0.24%   | 0.010% |
| 85  | 19.315 | 2738 | 2742 | 2745 | rBV2 | 16165   | 20497   | 0.58%   | 0.024% |
| 86  | 19.539 | 2776 | 2780 | 2787 | rBV2 | 22183   | 37345   | 1.06%   | 0.044% |
| 87  | 19.657 | 2796 | 2800 | 2808 | rBV3 | 30777   | 53095   | 1.50%   | 0.062% |
| 88  | 19.792 | 2821 | 2823 | 2828 | rVB2 | 14166   | 18676   | 0.53%   | 0.022% |
| 89  | 19.904 | 2835 | 2842 | 2850 | rBV  | 1994661 | 2653458 | 75.08%  | 3.095% |
| 90  | 20.798 | 2989 | 2994 | 3000 | rVB  | 1738308 | 2075445 | 58.73%  | 2.421% |
| 91  | 21.351 | 3083 | 3088 | 3099 | rBV  | 646628  | 1009990 | 28.58%  | 1.178% |
| 92  | 21.551 | 3118 | 3122 | 3127 | rVB  | 1465219 | 1551668 | 43.91%  | 1.810% |
| 93  | 21.651 | 3133 | 3139 | 3147 | rBV2 | 1949439 | 3533973 | 100.00% | 4.123% |
| 94  | 22.462 | 3272 | 3277 | 3283 | rBV  | 2477531 | 3102643 | 87.79%  | 3.619% |
| 95  | 22.727 | 3319 | 3322 | 3327 | rVB  | 81189   | 97659   | 2.76%   | 0.114% |
| 96  | 23.309 | 3416 | 3421 | 3424 | rBV  | 633561  | 1035707 | 29.31%  | 1.208% |
| 97  | 23.356 | 3424 | 3429 | 3438 | rVB  | 1787235 | 3111516 | 88.05%  | 3.630% |
| 98  | 23.874 | 3510 | 3517 | 3528 | rBV  | 1358996 | 2660738 | 75.29%  | 3.104% |
| 99  | 24.027 | 3537 | 3543 | 3556 | rVB2 | 683023  | 1291043 | 36.53%  | 1.506% |
| 100 | 27.203 | 4075 | 4083 | 4098 | rVB  | 575052  | 1802552 | 51.01%  | 2.103% |

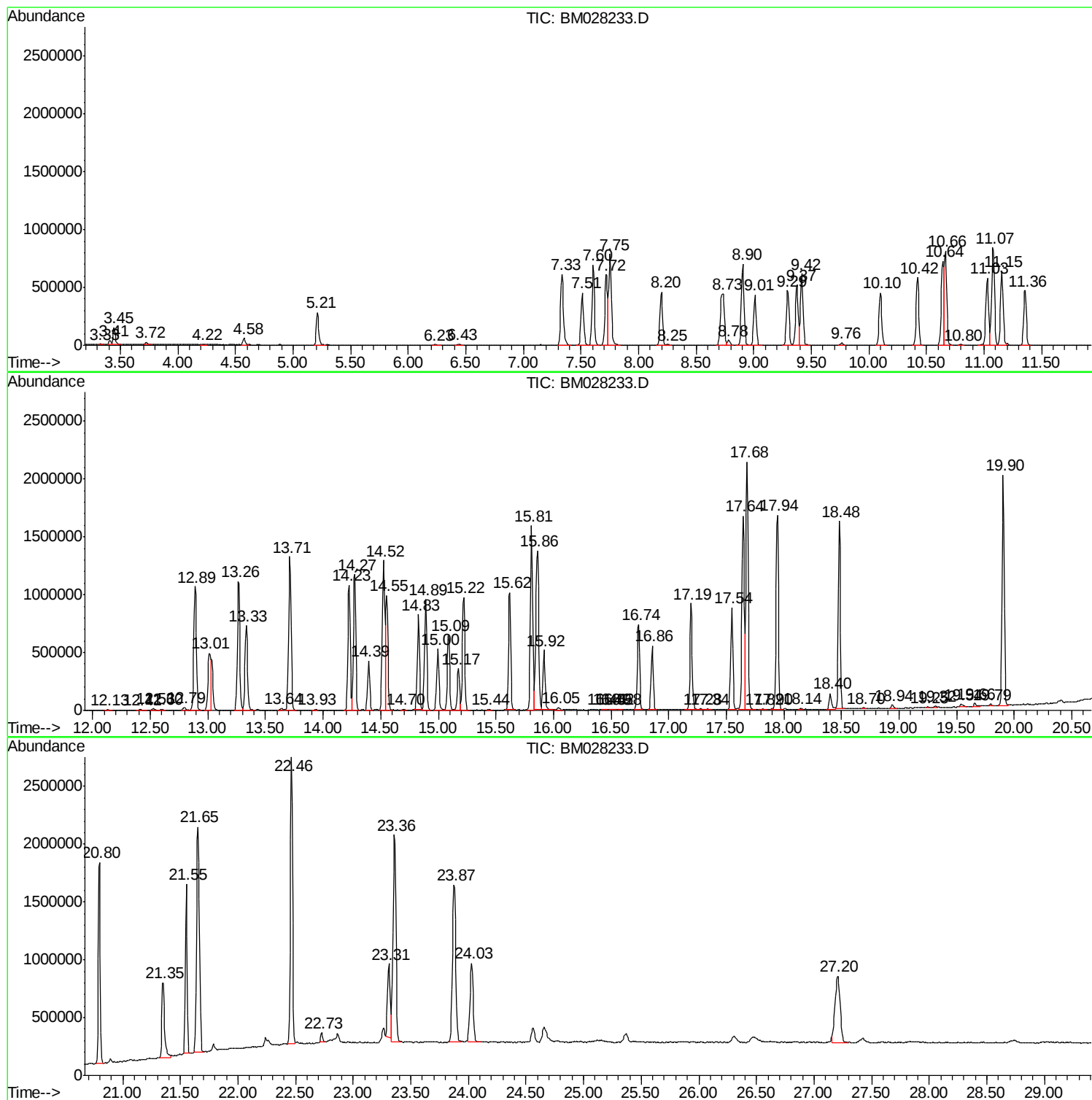
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Instrument :  
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM121520MA.M  
Quant Title : SVOA CALIBRATION

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



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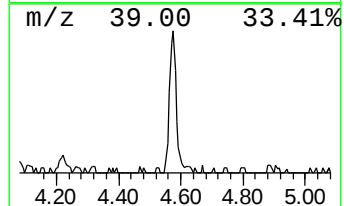
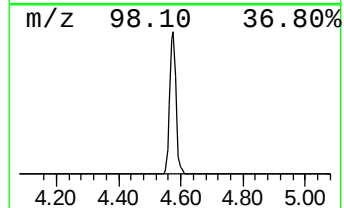
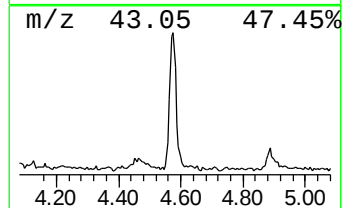
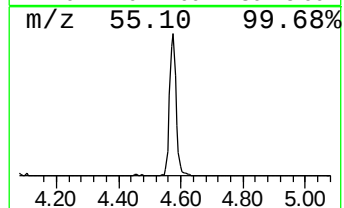
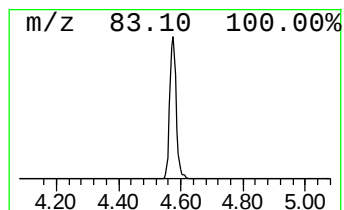
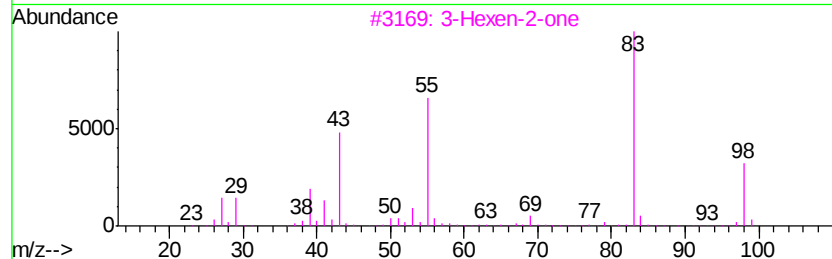
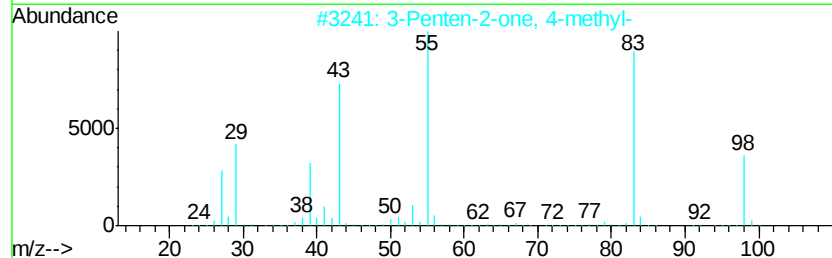
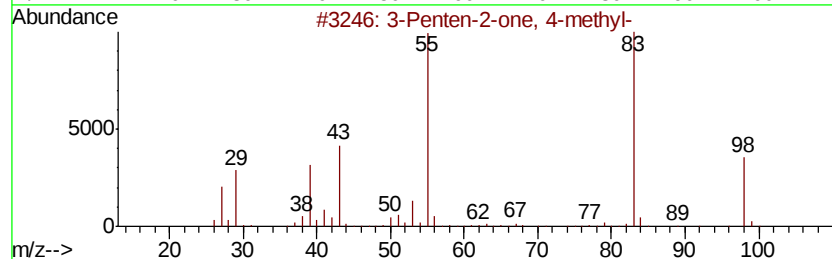
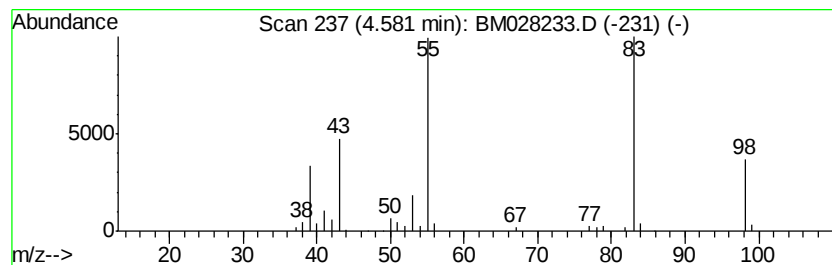
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM121520MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 6

| R.T. | EstConc    | Area  | Relative to ISTD       | R.T. |
|------|------------|-------|------------------------|------|
| 4.58 | 2.27 ng/ul | 81891 | 1,4-Dichlorobenzene-d4 | 8.20 |

| Hit# | of | Tentative ID              | MW | MolForm | CAS#        | Qual |
|------|----|---------------------------|----|---------|-------------|------|
| 1    | 5  | 3-Penten-2-one, 4-methyl- | 98 | C6H10O  | 000141-79-7 | 95   |
| 2    |    | 3-Penten-2-one, 4-methyl- | 98 | C6H10O  | 000141-79-7 | 91   |
| 3    |    | 3-Hexen-2-one             | 98 | C6H10O  | 000763-93-9 | 90   |
| 4    |    | 3-Penten-2-one, 4-methyl- | 98 | C6H10O  | 000141-79-7 | 90   |
| 5    |    | 2-Pentene, 2,4-dimethyl-  | 98 | C7H14   | 000625-65-0 | 86   |



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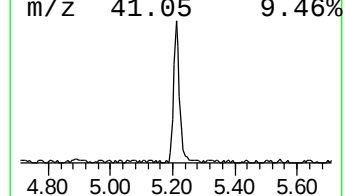
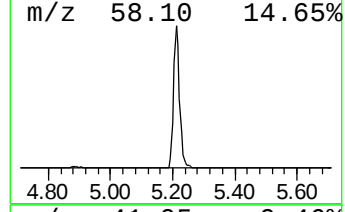
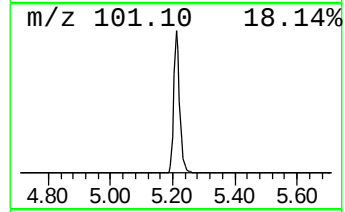
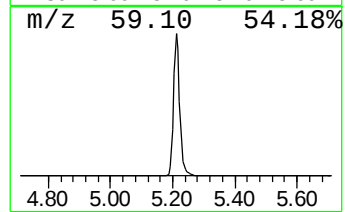
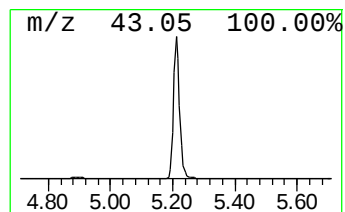
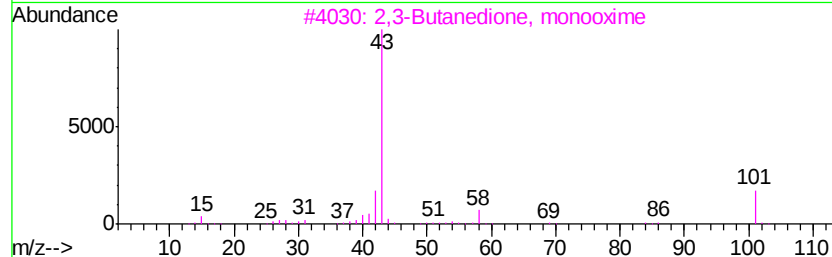
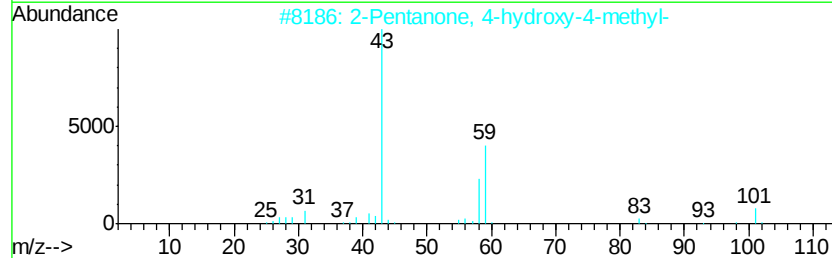
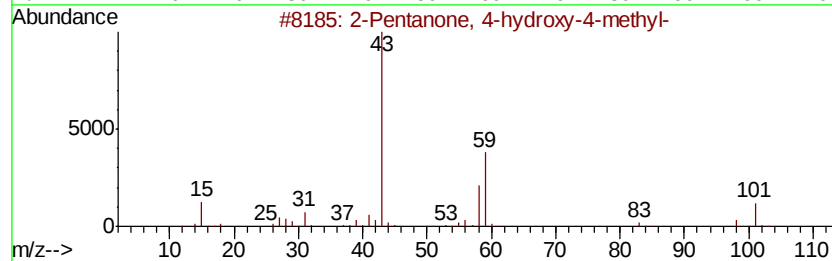
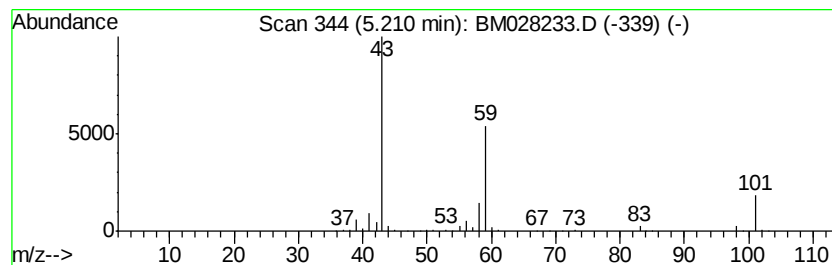
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM121520MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

| R.T. | EstConc     | Area   | Relative to ISTD       | R.T. |
|------|-------------|--------|------------------------|------|
| 5.21 | 10.70 ng/ul | 385803 | 1,4-Dichlorobenzene-d4 | 8.20 |

| Hit# | of | 5 | Tentative ID                       | MW  | MolForm  | CAS#        | Qual |
|------|----|---|------------------------------------|-----|----------|-------------|------|
| 1    |    |   | 2-Pentanone, 4-hydroxy-4-methyl-   | 116 | C6H12O2  | 000123-42-2 | 59   |
| 2    |    |   | 2-Pentanone, 4-hydroxy-4-methyl-   | 116 | C6H12O2  | 000123-42-2 | 45   |
| 3    |    |   | 2,3-Butanedione, monooxime         | 101 | C4H7NO2  | 000057-71-6 | 27   |
| 4    |    |   | 2-Pentanone, 4-hydroxy-4-methyl-   | 116 | C6H12O2  | 000123-42-2 | 25   |
| 5    |    |   | Acetic acid, cyano-, 1,1-dimethyl- | 141 | C7H11NO2 | 001116-98-9 | 25   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122120\  
Data File : BM028233.D  
Acq On : 22 Dec 2020 08:48  
Operator : JU/CG  
Sample : L5110-23  
Misc :  
ALS Vial : 28 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A54P4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM121520MA.M  
Quant Title : SVOA CALIBRATION

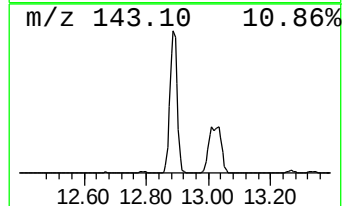
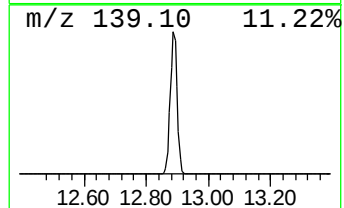
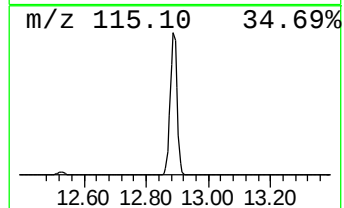
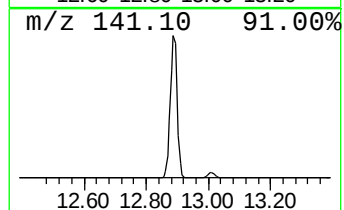
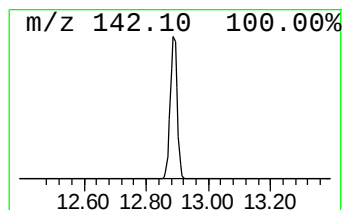
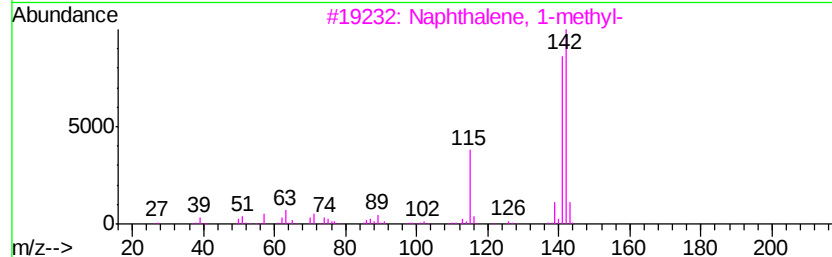
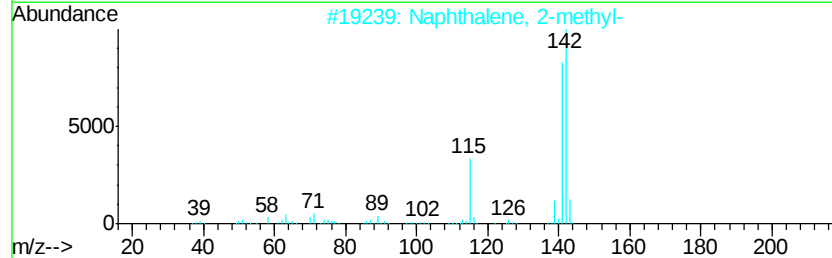
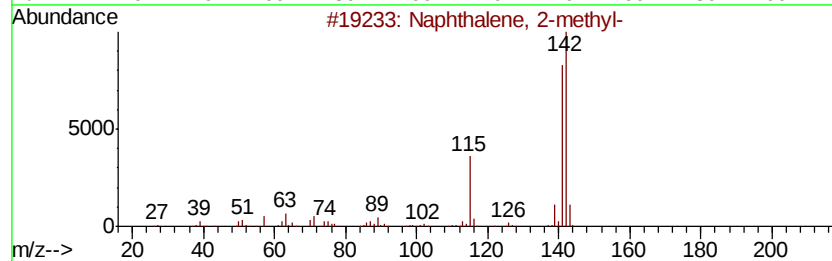
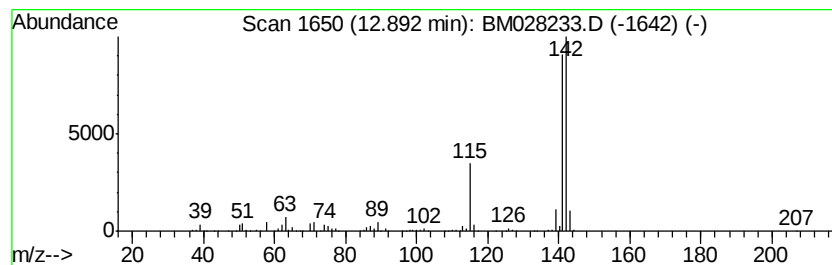
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 3 Naphthalene, 1-methyl- Concentration Rank 1

| R.T.  | EstConc     | Area    | Relative to ISTD | R.T.  |
|-------|-------------|---------|------------------|-------|
| 12.89 | 32.95 ng/ul | 1654770 | Naphthalene-d8   | 11.03 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------------|-----|---------|-------------|------|
| 1    | 5  | Naphthalene, 2-methyl-              | 142 | C11H10  | 000091-57-6 | 96   |
| 2    |    | Naphthalene, 2-methyl-              | 142 | C11H10  | 000091-57-6 | 96   |
| 3    |    | Naphthalene, 1-methyl-              | 142 | C11H10  | 000090-12-0 | 96   |
| 4    |    | Naphthalene, 1-methyl-              | 142 | C11H10  | 000090-12-0 | 94   |
| 5    |    | 1,4-Methanonaphthalene, 1,4-dihy... | 142 | C11H10  | 004453-90-1 | 91   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122120\  
Data File : BM028233.D  
Acq On : 22 Dec 2020 08:48  
Operator : JU/CG  
Sample : L5110-23  
Misc :  
ALS Vial : 28 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A54P4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM121520MA.M  
Quant Title : SVOA CALIBRATION

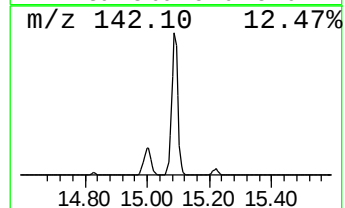
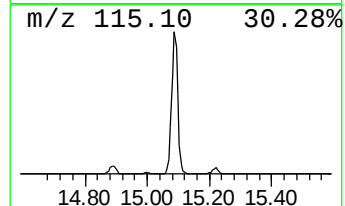
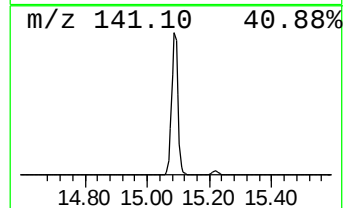
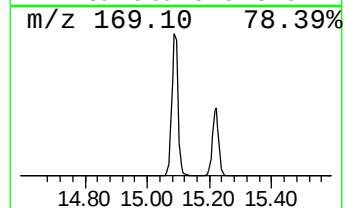
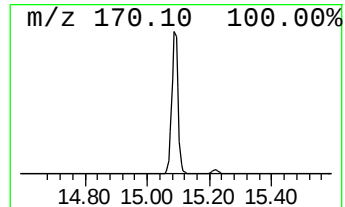
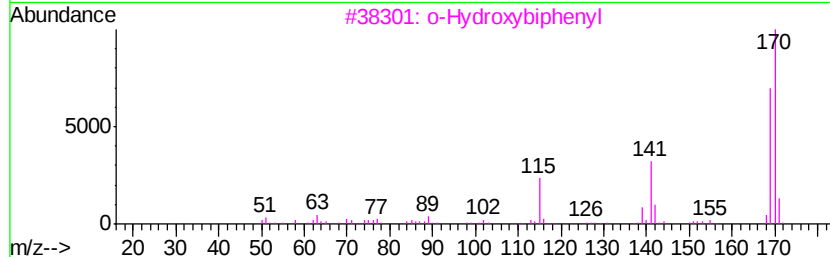
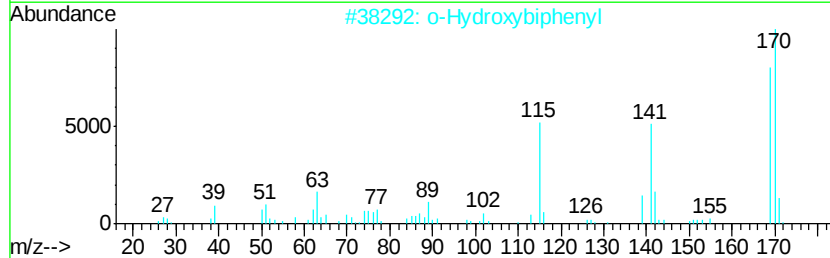
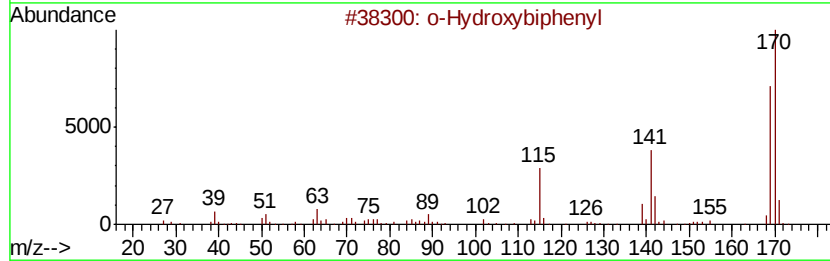
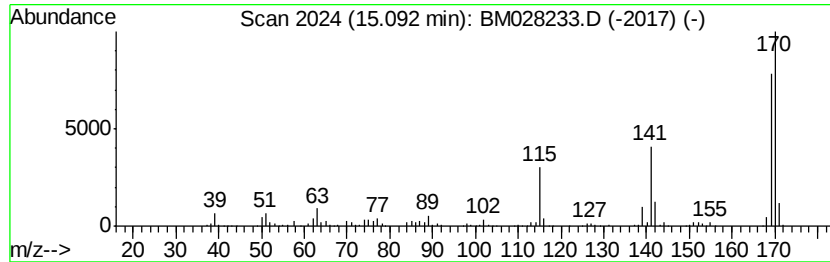
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 4 o-Hydroxybiphenyl Concentration Rank 2

| R.T.  | EstConc     | Area   | Relative to ISTD | R.T.  |
|-------|-------------|--------|------------------|-------|
| 15.09 | 15.43 ng/ul | 894541 | Acenaphthene-d10 | 14.83 |

| Hit# of | 5 | Tentative ID      | MW  | MolForm | CAS#        | Qual |
|---------|---|-------------------|-----|---------|-------------|------|
| 1       |   | o-Hydroxybiphenyl | 170 | C12H10O | 000090-43-7 | 97   |
| 2       |   | o-Hydroxybiphenyl | 170 | C12H10O | 000090-43-7 | 96   |
| 3       |   | o-Hydroxybiphenyl | 170 | C12H10O | 000090-43-7 | 96   |
| 4       |   | o-Hydroxybiphenyl | 170 | C12H10O | 000090-43-7 | 94   |
| 5       |   | o-Hydroxybiphenyl | 170 | C12H10O | 000090-43-7 | 78   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122120\  
Data File : BM028233.D  
Acq On : 22 Dec 2020 08:48  
Operator : JU/CG  
Sample : L5110-23  
Misc :  
ALS Vial : 28 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A54P4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM121520MA.M  
Quant Title : SVOA CALIBRATION

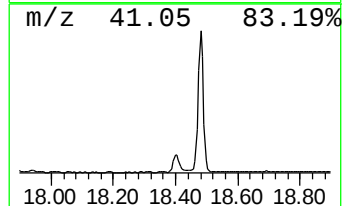
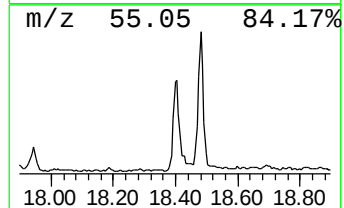
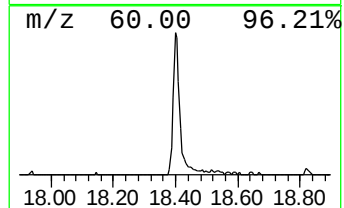
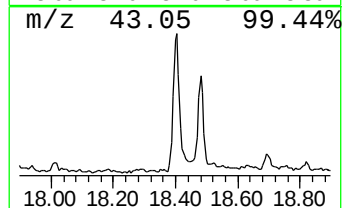
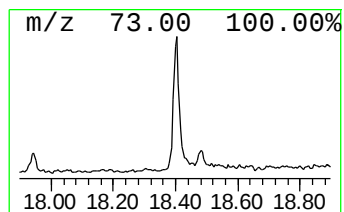
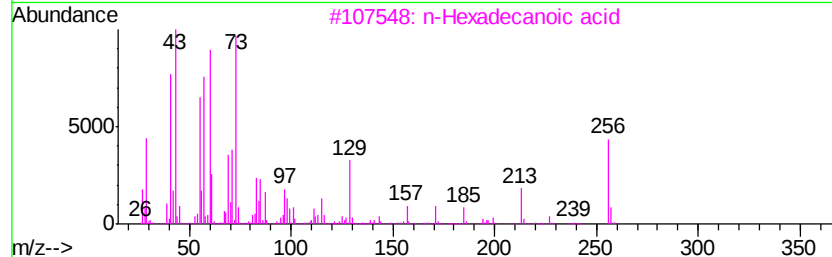
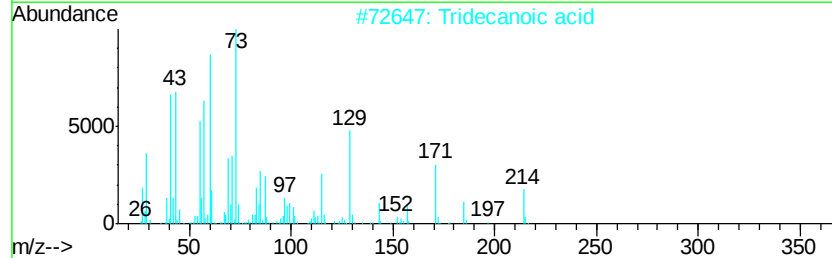
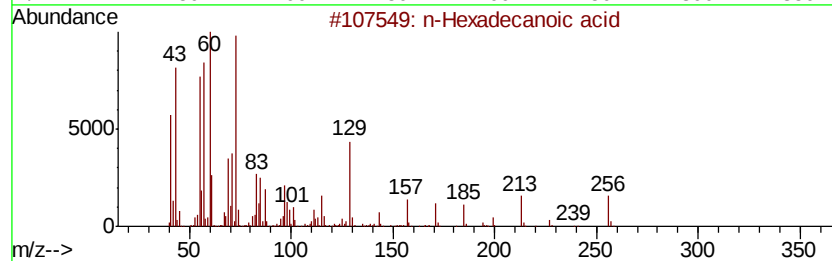
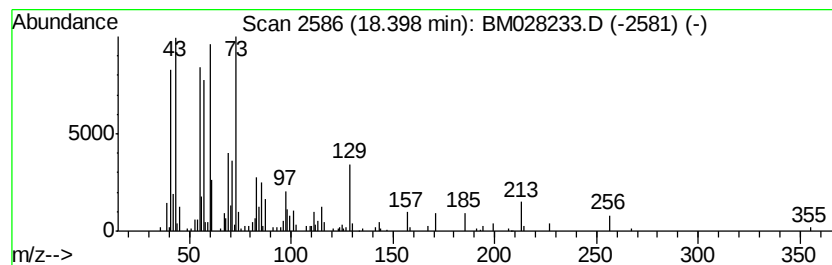
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 5 n-Hexadecanoic acid Concentration Rank 5

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 18.40 | 3.29 ng/ul | 206729 | Phenanthrene-d10 | 17.54 |

| Hit# | of | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|------|----|---------------------|-----|----------|-------------|------|
| 1    | 5  | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 99   |
| 2    |    | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 94   |
| 3    |    | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 93   |
| 4    |    | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 80   |
| 5    |    | Pentadecanoic acid  | 242 | C15H30O2 | 001002-84-2 | 76   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122120\  
Data File : BM028233.D  
Acq On : 22 Dec 2020 08:48  
Operator : JU/CG  
Sample : L5110-23  
Misc :  
ALS Vial : 28 Sample Multiplier: 1

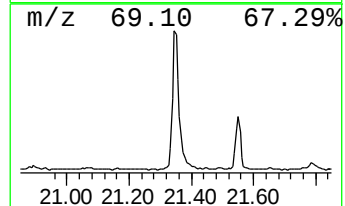
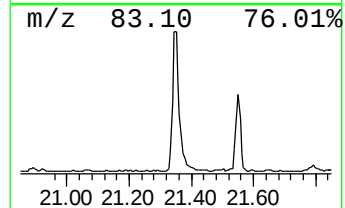
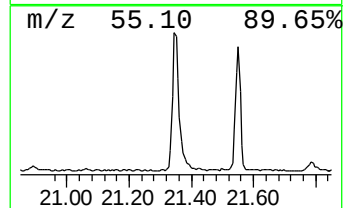
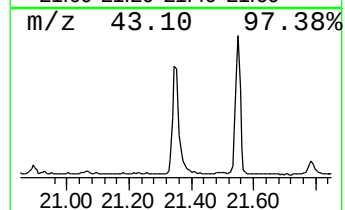
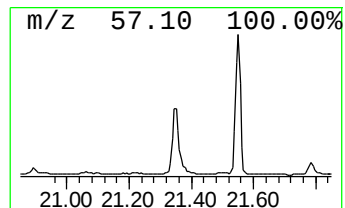
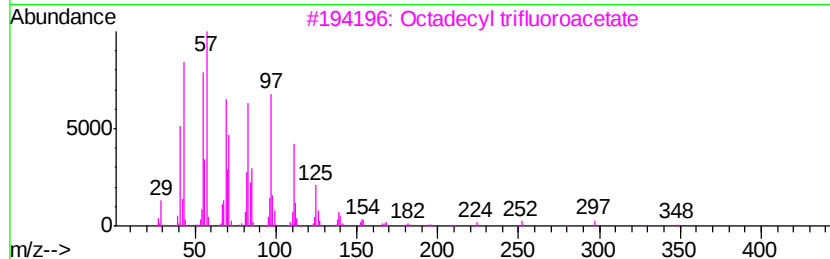
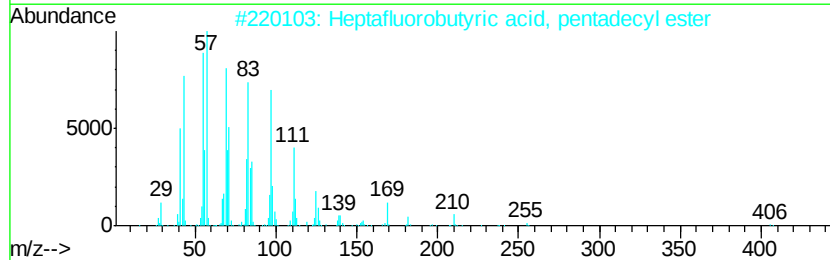
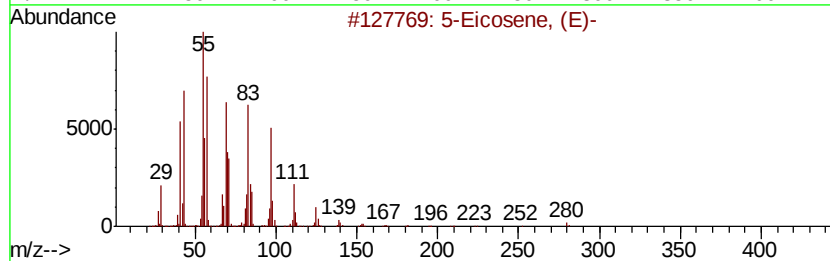
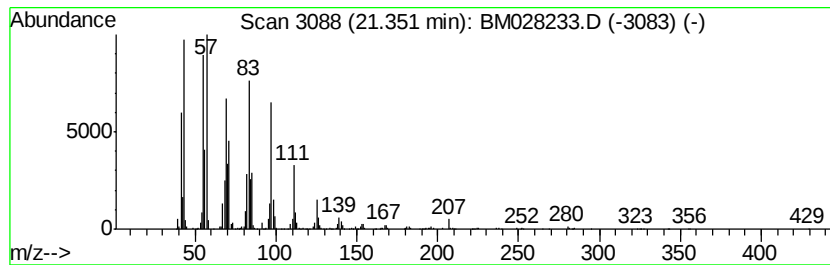
Instrument :  
BNA\_M  
ClientSampleId :  
A54P4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM121520MA.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 4

| R.T.    | EstConc                             | Area         | Relative to ISTD |            | R.T.        |      |
|---------|-------------------------------------|--------------|------------------|------------|-------------|------|
| 21.35   | 5.72 ng/ul                          | 1009990      | Chrysene-d12     |            | 21.66       |      |
| Hit# of | 5                                   | Tentative ID | MW               | MolForm    | CAS#        | Qual |
| 1       | 5-Eicosene, (E)-                    |              | 280              | C20H40     | 074685-30-6 | 98   |
| 2       | Heptafluorobutyric acid, pentade... |              | 424              | C19H31F7O2 | 959261-23-5 | 94   |
| 3       | Octadecyl trifluoroacetate          |              | 366              | C20H37F3O2 | 079392-43-1 | 94   |
| 4       | Heptafluorobutyric acid, n-octad... |              | 466              | C22H37F7O2 | 000400-57-7 | 94   |
| 5       | Heptadecyl heptafluorobutyrate      |              | 452              | C21H35F7O2 | 959085-66-6 | 94   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM122120\  
Data File : BM028233.D  
Acq On : 22 Dec 2020 08:48  
Operator : JU/CG  
Sample : L5110-23  
Misc :  
ALS Vial : 28 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A54P4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM121520MA.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 |
| 3-Penten-2-one, 4... | 4.58  | 2.3     | ng/ul | 81891    | 1                     | 8.20  | 721311  | 20.0 |
| 2-Pentanone, 4-hy... | 5.21  | 10.7    | ng/ul | 385803   | 1                     | 8.20  | 721311  | 20.0 |
| Naphthalene, 1-me... | 12.89 | 33.0    | ng/ul | 1654770  | 2                     | 11.03 | 1004320 | 20.0 |
| o-Hydroxybiphenyl    | 15.09 | 15.4    | ng/ul | 894541   | 3                     | 14.83 | 1159220 | 20.0 |
| n-Hexadecanoic acid  | 18.40 | 3.3     | ng/ul | 206729   | 4                     | 17.54 | 1255590 | 20.0 |
| (DEL) Alkane: Str... | 21.35 | 5.7     | ng/ul | 1009990  | 5                     | 21.66 | 3533970 | 20.0 |