

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040921\  
 Data File : BM029428.D  
 Acq On : 09 Apr 2021 13:07  
 Operator : CG/JU  
 Sample : M1881-11  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 ESQG8

## 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-BM040721MA.M  
 Title : SVOA CALIBRATION

Signal : TIC

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|--------|----------|------------|----------|-----------|-------|-------------|------------|--------------|------------|
| 1      | 2.934    | 4          | 8        | 14        | rBV   | 3160320     | 3753243    | 100.00%      | 12.339%    |
| 2      | 3.158    | 43         | 46       | 50        | rVV3  | 14673       | 18817      | 0.50%        | 0.062%     |
| 3      | 3.199    | 50         | 53       | 59        | rVB3  | 12482       | 18091      | 0.48%        | 0.059%     |
| 4      | 3.610    | 120        | 123      | 128       | rVB   | 19306       | 24652      | 0.66%        | 0.081%     |
| 5      | 3.705    | 135        | 139      | 146       | rVV   | 94385       | 122054     | 3.25%        | 0.401%     |
| 6      | 3.775    | 148        | 151      | 155       | rVV2  | 11934       | 16721      | 0.45%        | 0.055%     |
| 7      | 3.828    | 155        | 160      | 165       | rVB   | 24837       | 38193      | 1.02%        | 0.126%     |
| 8      | 3.916    | 170        | 175      | 182       | rVB2  | 13285       | 21461      | 0.57%        | 0.071%     |
| 9      | 4.134    | 208        | 212      | 217       | rBV   | 13873       | 19637      | 0.52%        | 0.065%     |
| 10     | 4.434    | 259        | 263      | 266       | rBV2  | 26712       | 41544      | 1.11%        | 0.137%     |
| 11     | 4.463    | 266        | 268      | 277       | rVB   | 33376       | 44648      | 1.19%        | 0.147%     |
| 12     | 4.540    | 277        | 281      | 291       | rVB4  | 9138        | 16337      | 0.44%        | 0.054%     |
| 13     | 4.822    | 325        | 329      | 339       | rVB   | 17887       | 29095      | 0.78%        | 0.096%     |
| 14     | 4.928    | 343        | 347      | 353       | rBV2  | 11006       | 18625      | 0.50%        | 0.061%     |
| 15     | 6.857    | 666        | 675      | 688       | rBV2  | 198538      | 400244     | 10.66%       | 1.316%     |
| 16     | 7.028    | 697        | 704      | 716       | rBV   | 148076      | 248354     | 6.62%        | 0.816%     |
| 17     | 7.222    | 730        | 737      | 745       | rBV   | 208712      | 337755     | 9.00%        | 1.110%     |
| 18     | 7.316    | 749        | 753      | 761       | rVB6  | 8083        | 14504      | 0.39%        | 0.048%     |
| 19     | 7.687    | 808        | 816      | 824       | rBV   | 407164      | 634632     | 16.91%       | 2.086%     |
| 20     | 8.392    | 927        | 936      | 943       | rBV   | 133084      | 226258     | 6.03%        | 0.744%     |
| 21     | 8.504    | 950        | 955      | 968       | rVB   | 113117      | 197233     | 5.26%        | 0.648%     |
| 22     | 8.839    | 1005       | 1012     | 1019      | rVV   | 174815      | 303509     | 8.09%        | 0.998%     |
| 23     | 9.557    | 1128       | 1134     | 1141      | rBV   | 125291      | 211979     | 5.65%        | 0.697%     |
| 24     | 9.710    | 1154       | 1160     | 1167      | rBV2  | 22105       | 44623      | 1.19%        | 0.147%     |
| 25     | 9.916    | 1190       | 1195     | 1206      | rVB2  | 17906       | 31802      | 0.85%        | 0.105%     |
| 26     | 10.086   | 1217       | 1224     | 1234      | rBV   | 205588      | 348149     | 9.28%        | 1.145%     |
| 27     | 10.469   | 1281       | 1289     | 1295      | rBV   | 490246      | 824559     | 21.97%       | 2.711%     |
| 28     | 10.516   | 1295       | 1297     | 1301      | rVB   | 14094       | 16911      | 0.45%        | 0.056%     |
| 29     | 10.610   | 1306       | 1313     | 1327      | rBV   | 67424       | 148430     | 3.95%        | 0.488%     |
| 30     | 11.257   | 1416       | 1423     | 1429      | rBV   | 7894        | 15041      | 0.40%        | 0.049%     |
| 31     | 11.510   | 1460       | 1466     | 1469      | rBV6  | 5548        | 12160      | 0.32%        | 0.040%     |
| 32     | 11.833   | 1515       | 1521     | 1526      | rVV2  | 6698        | 13488      | 0.36%        | 0.044%     |
| 33     | 11.904   | 1528       | 1533     | 1541      | rBV6  | 5739        | 12113      | 0.32%        | 0.040%     |
| 34     | 12.133   | 1568       | 1572     | 1577      | rVB2  | 9489        | 15501      | 0.41%        | 0.051%     |

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 Title : SVOA CALIBRATION

|    |        |      |      |      |      |        |         |        |        |
|----|--------|------|------|------|------|--------|---------|--------|--------|
| 35 | 12.357 | 1605 | 1610 | 1614 | rVB2 | 9924   | 13946   | 0.37%  | 0.046% |
| 36 | 13.157 | 1740 | 1746 | 1752 | rVB3 | 15583  | 23356   | 0.62%  | 0.077% |
| 37 | 13.639 | 1824 | 1828 | 1834 | rBV4 | 11775  | 19708   | 0.53%  | 0.065% |
| 38 | 13.733 | 1839 | 1844 | 1849 | rVV  | 354300 | 498116  | 13.27% | 1.638% |
| 39 | 13.780 | 1849 | 1852 | 1856 | rVB  | 26737  | 36284   | 0.97%  | 0.119% |
| 40 | 14.016 | 1883 | 1892 | 1901 | rBV  | 384300 | 641862  | 17.10% | 2.110% |
| 41 | 14.233 | 1923 | 1929 | 1934 | rBV2 | 17951  | 28942   | 0.77%  | 0.095% |
| 42 | 14.321 | 1934 | 1944 | 1950 | rVV  | 670073 | 978981  | 26.08% | 3.218% |
| 43 | 14.386 | 1950 | 1955 | 1964 | rVB2 | 27517  | 46041   | 1.23%  | 0.151% |
| 44 | 14.521 | 1972 | 1978 | 1988 | rBV2 | 67239  | 128874  | 3.43%  | 0.424% |
| 45 | 14.686 | 2001 | 2006 | 2008 | rBV4 | 9073   | 14666   | 0.39%  | 0.048% |
| 46 | 14.721 | 2008 | 2012 | 2021 | rVB3 | 28094  | 59154   | 1.58%  | 0.194% |
| 47 | 14.798 | 2021 | 2025 | 2030 | rVB2 | 10466  | 16786   | 0.45%  | 0.055% |
| 48 | 14.863 | 2030 | 2036 | 2042 | rBV7 | 8506   | 16972   | 0.45%  | 0.056% |
| 49 | 14.939 | 2045 | 2049 | 2055 | rBV6 | 10717  | 22765   | 0.61%  | 0.075% |
| 50 | 14.992 | 2055 | 2058 | 2063 | rVB4 | 8444   | 12308   | 0.33%  | 0.040% |
| 51 | 15.121 | 2072 | 2080 | 2082 | rBV6 | 10722  | 24534   | 0.65%  | 0.081% |
| 52 | 15.145 | 2082 | 2084 | 2088 | rVV2 | 10703  | 12608   | 0.34%  | 0.041% |
| 53 | 15.186 | 2088 | 2091 | 2095 | rVB3 | 15264  | 19195   | 0.51%  | 0.063% |
| 54 | 15.316 | 2106 | 2113 | 2118 | rVV  | 523640 | 747525  | 19.92% | 2.458% |
| 55 | 15.368 | 2118 | 2122 | 2127 | rVV3 | 58586  | 87882   | 2.34%  | 0.289% |
| 56 | 15.433 | 2128 | 2133 | 2141 | rVB  | 54653  | 81227   | 2.16%  | 0.267% |
| 57 | 15.539 | 2147 | 2151 | 2156 | rBV8 | 7471   | 16702   | 0.45%  | 0.055% |
| 58 | 15.663 | 2169 | 2172 | 2182 | rVB  | 21832  | 36663   | 0.98%  | 0.121% |
| 59 | 15.810 | 2193 | 2197 | 2204 | rVB3 | 24886  | 46549   | 1.24%  | 0.153% |
| 60 | 15.898 | 2207 | 2212 | 2216 | rBV6 | 6202   | 13386   | 0.36%  | 0.044% |
| 61 | 16.051 | 2233 | 2238 | 2240 | rBV2 | 35813  | 51188   | 1.36%  | 0.168% |
| 62 | 16.163 | 2253 | 2257 | 2259 | rBV  | 10563  | 15477   | 0.41%  | 0.051% |
| 63 | 16.280 | 2273 | 2277 | 2280 | rVB4 | 8883   | 12207   | 0.33%  | 0.040% |
| 64 | 16.374 | 2287 | 2293 | 2297 | rBV2 | 21102  | 41360   | 1.10%  | 0.136% |
| 65 | 16.421 | 2298 | 2301 | 2306 | rVB4 | 19873  | 26140   | 0.70%  | 0.086% |
| 66 | 16.474 | 2306 | 2310 | 2315 | rBV6 | 18556  | 28213   | 0.75%  | 0.093% |
| 67 | 16.610 | 2329 | 2333 | 2336 | rBV5 | 17404  | 27861   | 0.74%  | 0.092% |
| 68 | 16.721 | 2348 | 2352 | 2355 | rBV4 | 22607  | 31953   | 0.85%  | 0.105% |
| 69 | 16.792 | 2361 | 2364 | 2370 | rBV5 | 21373  | 44898   | 1.20%  | 0.148% |
| 70 | 16.880 | 2375 | 2379 | 2389 | rVB  | 52270  | 93064   | 2.48%  | 0.306% |
| 71 | 17.062 | 2404 | 2410 | 2413 | rBV  | 780821 | 1044184 | 27.82% | 3.433% |

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Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM040721MA.M  
 Title : SVOA CALIBRATION

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|-----|--------|------|------|------|------|---------|---------|--------|--------|
| 72  | 17.104 | 2413 | 2417 | 2422 | rVV  | 842607  | 1128953 | 30.08% | 3.711% |
| 73  | 17.162 | 2422 | 2427 | 2430 | rVV  | 523236  | 778735  | 20.75% | 2.560% |
| 74  | 17.192 | 2430 | 2432 | 2437 | rVV  | 191329  | 239896  | 6.39%  | 0.789% |
| 75  | 17.257 | 2439 | 2443 | 2448 | rVB3 | 30893   | 48454   | 1.29%  | 0.159% |
| 76  | 17.462 | 2475 | 2478 | 2483 | rVB  | 34494   | 42759   | 1.14%  | 0.141% |
| 77  | 17.580 | 2494 | 2498 | 2502 | rVB3 | 24899   | 40261   | 1.07%  | 0.132% |
| 78  | 17.645 | 2505 | 2509 | 2515 | rBV5 | 17050   | 27781   | 0.74%  | 0.091% |
| 79  | 17.939 | 2554 | 2559 | 2561 | rBV  | 87326   | 124978  | 3.33%  | 0.411% |
| 80  | 17.980 | 2561 | 2566 | 2572 | rVB2 | 142468  | 258407  | 6.88%  | 0.850% |
| 81  | 18.062 | 2577 | 2580 | 2584 | rVB  | 52637   | 63530   | 1.69%  | 0.209% |
| 82  | 18.127 | 2586 | 2591 | 2595 | rBV3 | 158611  | 275890  | 7.35%  | 0.907% |
| 83  | 18.439 | 2640 | 2644 | 2648 | rBV  | 92711   | 124708  | 3.32%  | 0.410% |
| 84  | 18.474 | 2648 | 2650 | 2656 | rVB3 | 48122   | 64501   | 1.72%  | 0.212% |
| 85  | 18.539 | 2657 | 2661 | 2667 | rBV3 | 145588  | 210104  | 5.60%  | 0.691% |
| 86  | 18.856 | 2712 | 2715 | 2719 | rBV2 | 52878   | 69683   | 1.86%  | 0.229% |
| 87  | 18.998 | 2735 | 2739 | 2748 | rVB5 | 69874   | 171990  | 4.58%  | 0.565% |
| 88  | 19.121 | 2755 | 2760 | 2766 | rBV  | 1659935 | 2171145 | 57.85% | 7.138% |
| 89  | 19.456 | 2812 | 2817 | 2819 | rBV2 | 813603  | 1274225 | 33.95% | 4.189% |
| 90  | 19.480 | 2819 | 2821 | 2830 | rVB  | 1362222 | 1640962 | 43.72% | 5.395% |
| 91  | 19.980 | 2903 | 2906 | 2910 | rVB  | 202779  | 249194  | 6.64%  | 0.819% |
| 92  | 20.080 | 2919 | 2923 | 2927 | rBV  | 158935  | 199871  | 5.33%  | 0.657% |
| 93  | 20.968 | 3071 | 3074 | 3079 | rVB3 | 163944  | 228414  | 6.09%  | 0.751% |
| 94  | 21.233 | 3114 | 3119 | 3124 | rBV2 | 1170169 | 2300546 | 61.29% | 7.563% |
| 95  | 21.274 | 3124 | 3126 | 3136 | rVB  | 737215  | 890713  | 23.73% | 2.928% |
| 96  | 22.792 | 3379 | 3384 | 3389 | rBV  | 636445  | 1296429 | 34.54% | 4.262% |
| 97  | 23.262 | 3460 | 3464 | 3468 | rBV  | 275922  | 441571  | 11.77% | 1.452% |
| 98  | 23.309 | 3468 | 3472 | 3476 | rVV  | 423973  | 710473  | 18.93% | 2.336% |
| 99  | 23.356 | 3476 | 3480 | 3489 | rVB  | 573294  | 1011146 | 26.94% | 3.324% |
| 100 | 23.450 | 3491 | 3496 | 3501 | rBV2 | 599658  | 1030576 | 27.46% | 3.388% |

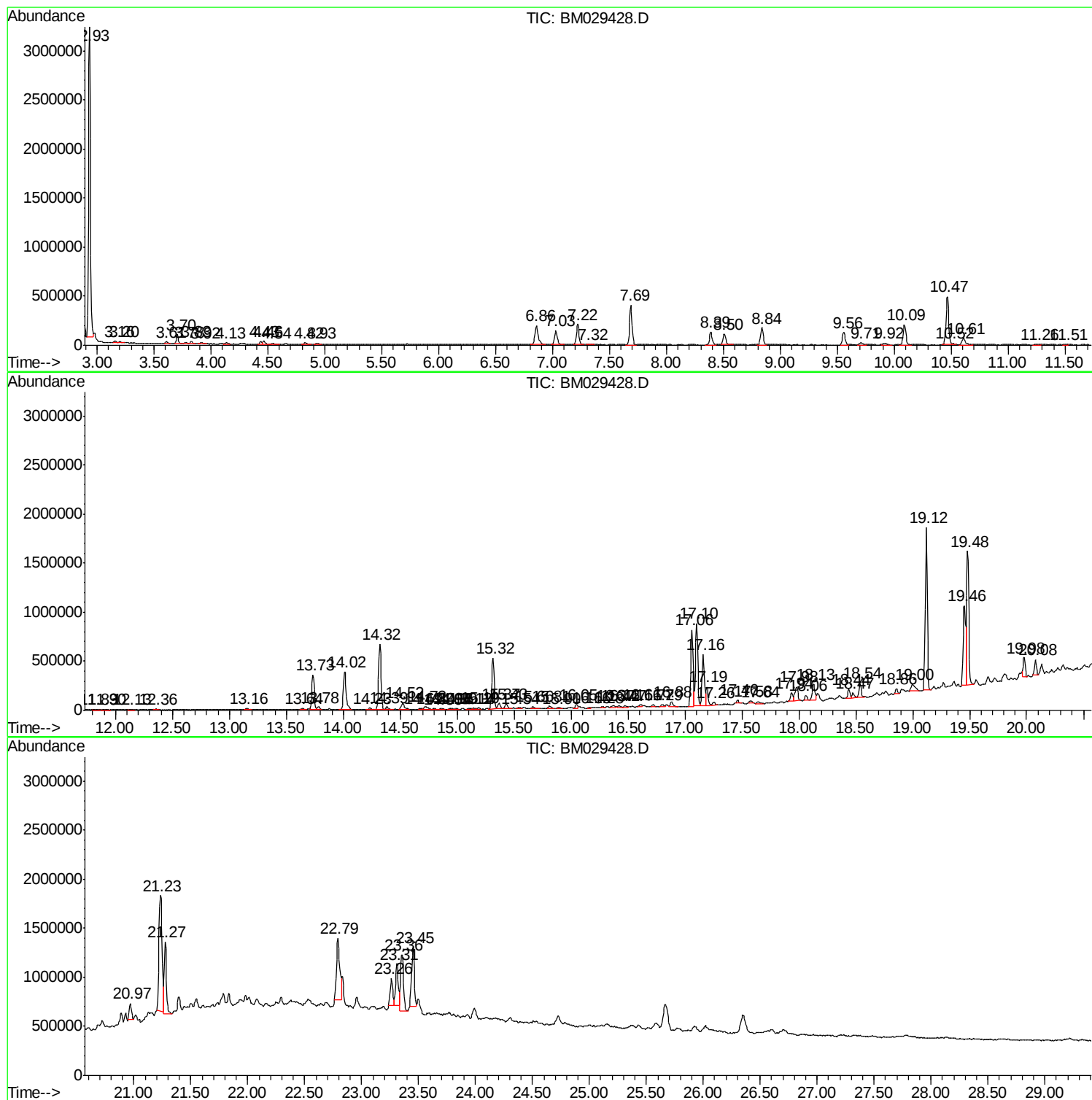
Sum of corrected areas: 30417835

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM040721MA.M  
Quant Title : SVOA CALIBRATION

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



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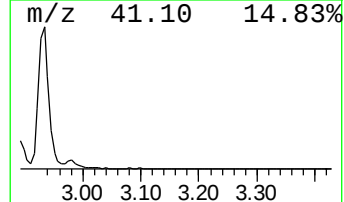
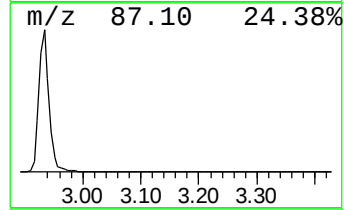
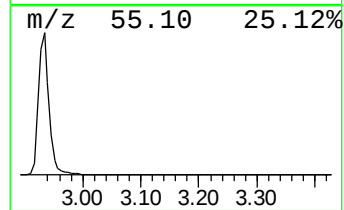
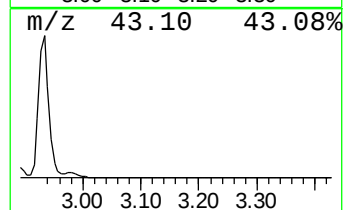
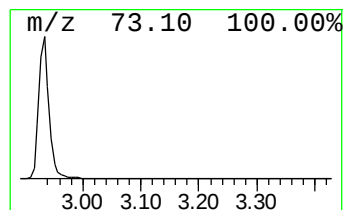
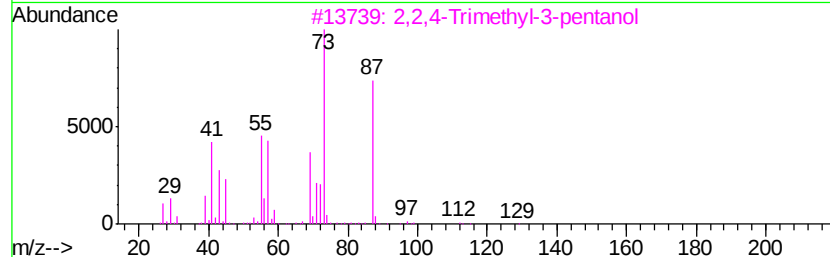
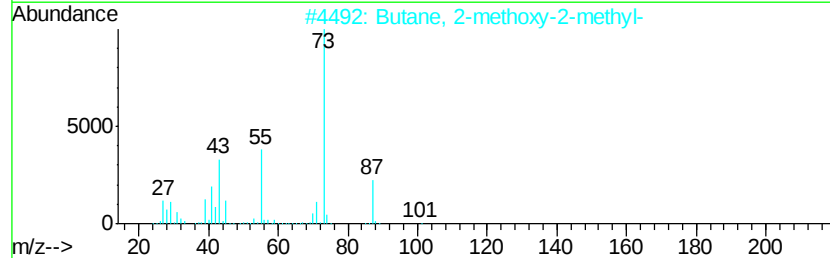
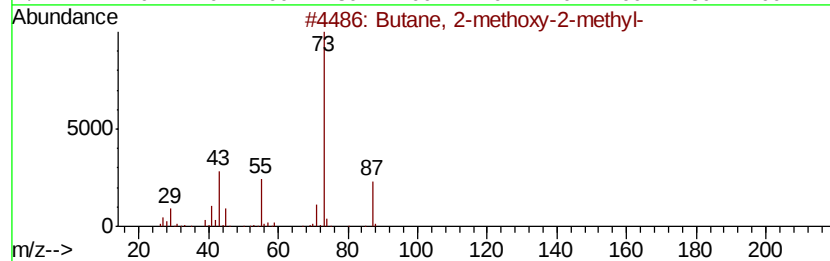
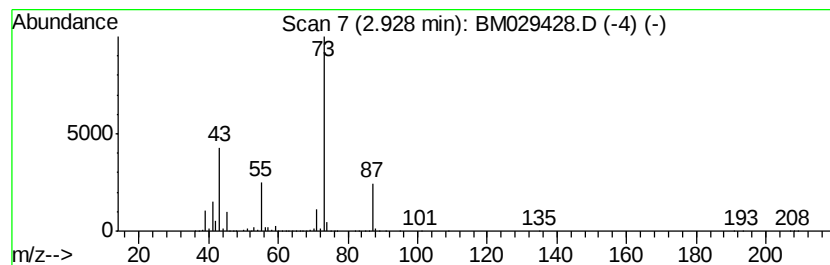
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM040721MA.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

| R.T. | EstConc      | Area    | Relative to ISTD       | R.T. |
|------|--------------|---------|------------------------|------|
| 2.93 | 118.28 ng/ul | 3753240 | 1,4-Dichlorobenzene-d4 | 7.69 |

| Hit# | of | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|-----------------------------|-----|---------|-------------|------|
| 1    | 5  | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 83   |
| 2    |    | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 56   |
| 3    |    | 2,2,4-Trimethyl-3-pentanol  | 130 | C8H18O  | 005162-48-1 | 39   |
| 4    |    | 1,3-Dioxolane, 2-methyl-    | 88  | C4H8O2  | 000497-26-7 | 25   |
| 5    |    | Silane, tetramethyl-        | 88  | C4H12Si | 000075-76-3 | 10   |



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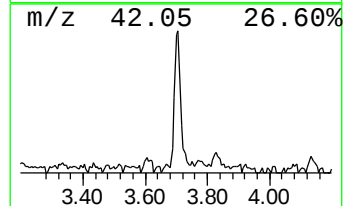
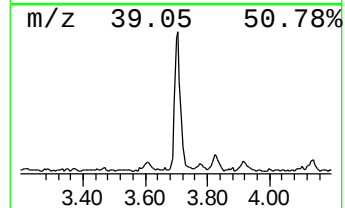
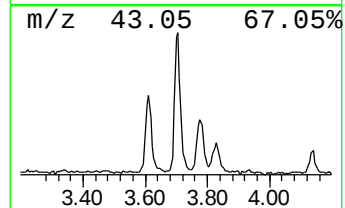
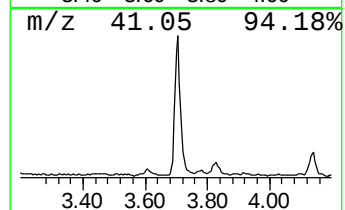
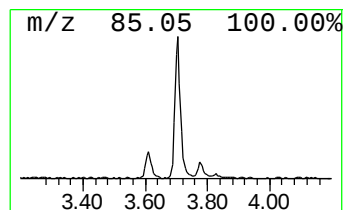
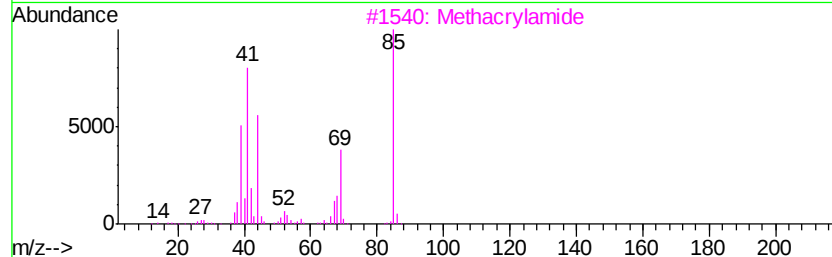
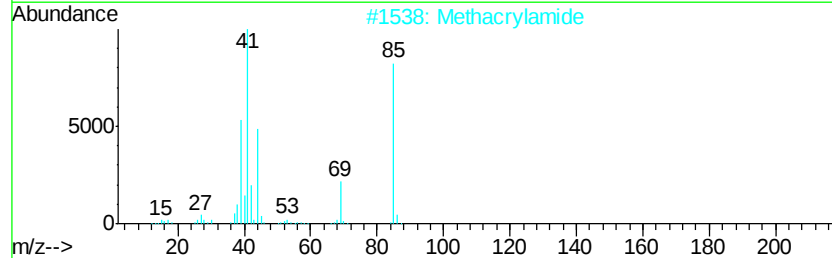
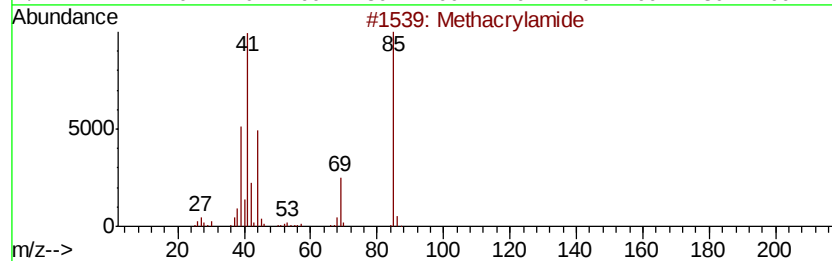
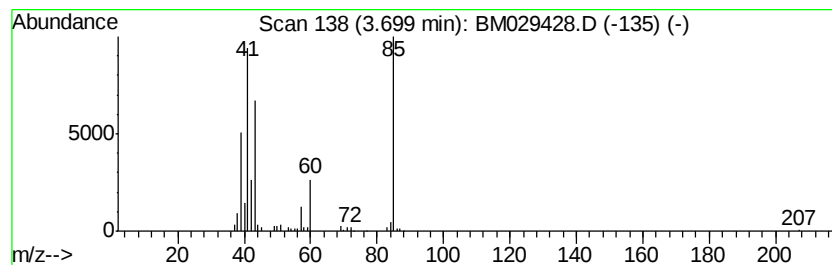
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 2 Methacrylamide Concentration Rank 5

| R.T. | EstConc    | Area   | Relative to ISTD       | R.T. |
|------|------------|--------|------------------------|------|
| 3.70 | 3.85 ng/ul | 122054 | 1,4-Dichlorobenzene-d4 | 7.69 |

| Hit# | of | Tentative ID                | MW  | MolForm  | CAS#        | Qual |
|------|----|-----------------------------|-----|----------|-------------|------|
| 1    | 5  | Methacrylamide              | 85  | C4H7NO   | 000079-39-0 | 72   |
| 2    |    | Methacrylamide              | 85  | C4H7NO   | 000079-39-0 | 72   |
| 3    |    | Methacrylamide              | 85  | C4H7NO   | 000079-39-0 | 58   |
| 4    |    | 2-(Bromomethyl)acrylic acid | 164 | C4H5BrO2 | 072707-66-5 | 50   |
| 5    |    | 2-(Bromomethyl)acrylic acid | 164 | C4H5BrO2 | 072707-66-5 | 40   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040921\  
Data File : BM029428.D  
Acq On : 09 Apr 2021 13:07  
Operator : CG/JU  
Sample : M1881-11  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
ESQG8

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Quant Title : SVOA CALIBRATION

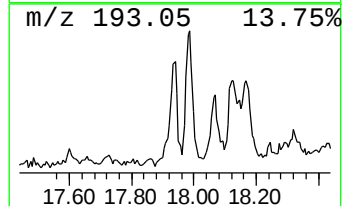
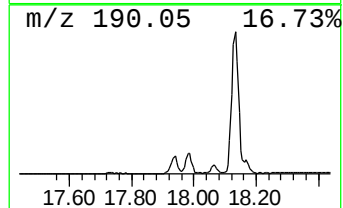
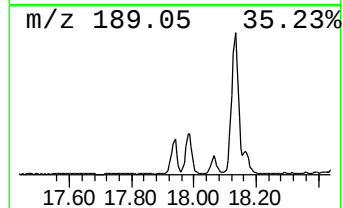
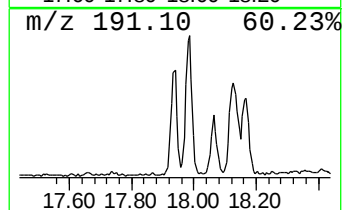
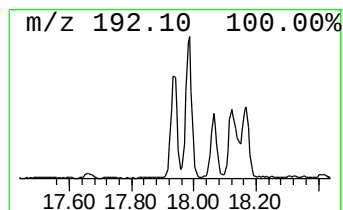
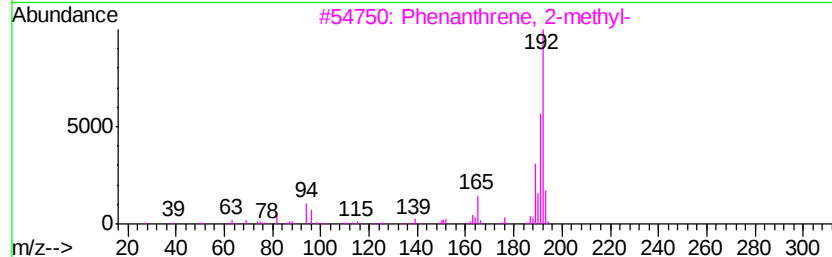
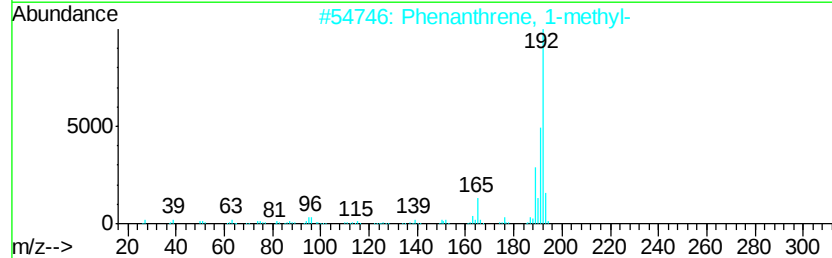
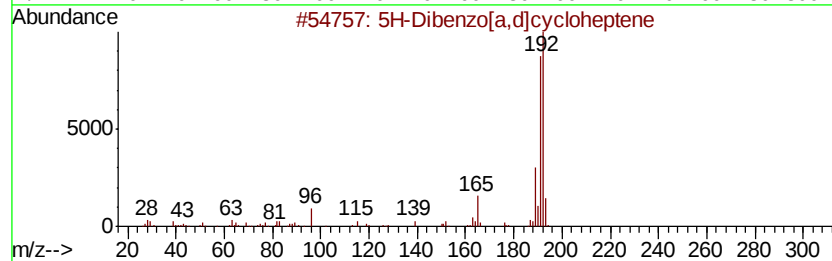
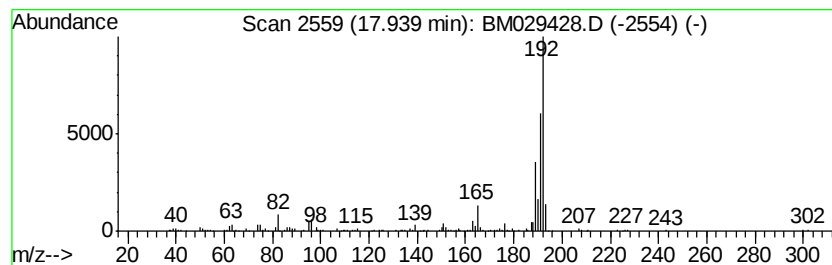
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TIC Integration Parameters: LSCINT.P

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Peak Number 3 5H-Dibenzo[a,d]cycloheptene Concentration Rank 7

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 17.94 | 2.39 ng/ul | 124978 | Phenanthrene-d10 | 17.06 |

| Hit# of | 5                           | Tentative ID | MW  | MolForm | CAS#        | Qual |
|---------|-----------------------------|--------------|-----|---------|-------------|------|
| 1       | 5H-Dibenzo[a,d]cycloheptene |              | 192 | C15H12  | 000256-81-5 | 94   |
| 2       | Phenanthrene, 1-methyl-     |              | 192 | C15H12  | 000832-69-9 | 93   |
| 3       | Phenanthrene, 2-methyl-     |              | 192 | C15H12  | 002531-84-2 | 93   |
| 4       | Anthracene, 1-methyl-       |              | 192 | C15H12  | 000610-48-0 | 93   |
| 5       | Anthracene, 9-methyl-       |              | 192 | C15H12  | 000779-02-2 | 93   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040921\  
Data File : BM029428.D  
Acq On : 09 Apr 2021 13:07  
Operator : CG/JU  
Sample : M1881-11  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
ESQG8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM040721MA.M  
Quant Title : SVOA CALIBRATION

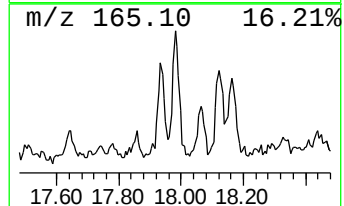
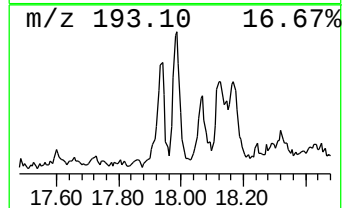
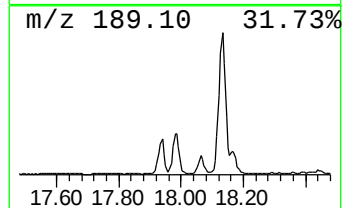
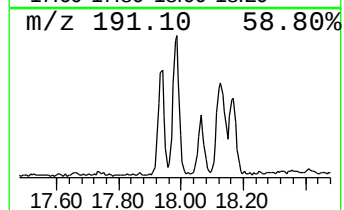
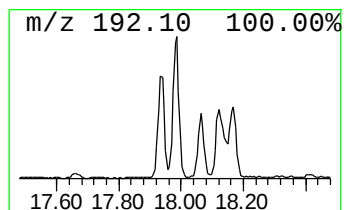
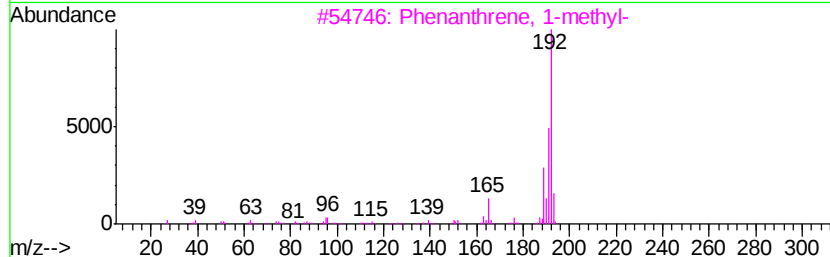
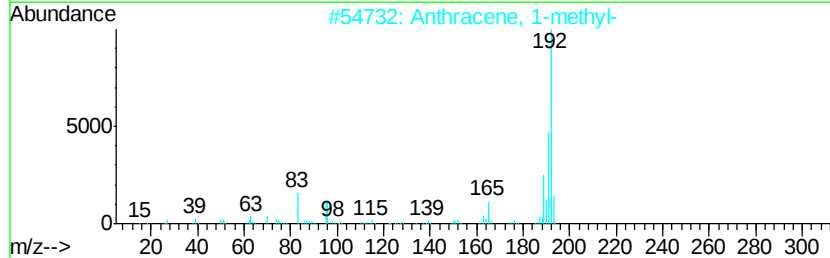
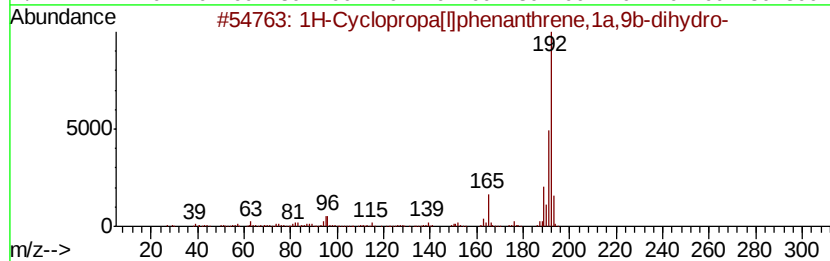
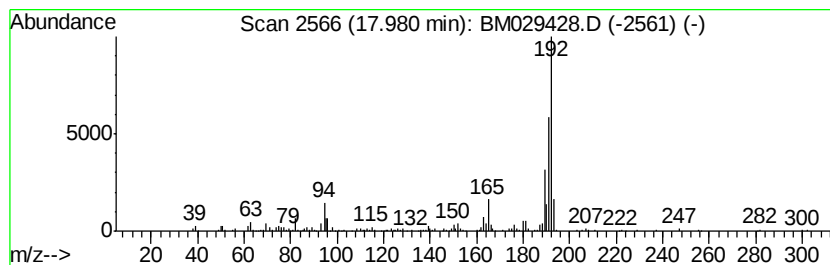
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TIC Integration Parameters: LSCINT.P

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Peak Number 4 1H-Cyclopropa[l]phenanthren... Concentration Rank 3

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 17.98 | 4.95 ng/ul | 258407 | Phenanthrene-d10 | 17.06 |

| Hit# of | 5 | Tentative ID                          | MW  | MolForm | CAS#        | Qual |
|---------|---|---------------------------------------|-----|---------|-------------|------|
| 1       |   | 1H-Cyclopropa[l]phenanthrene, 1a, ... | 192 | C15H12  | 000949-41-7 | 95   |
| 2       |   | Anthracene, 1-methyl-                 | 192 | C15H12  | 000610-48-0 | 95   |
| 3       |   | Phenanthrene, 1-methyl-               | 192 | C15H12  | 000832-69-9 | 93   |
| 4       |   | 1H-Indene, 2-phenyl-                  | 192 | C15H12  | 004505-48-0 | 93   |
| 5       |   | Phenanthrene, 2-methyl-               | 192 | C15H12  | 002531-84-2 | 93   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040921\  
Data File : BM029428.D  
Acq On : 09 Apr 2021 13:07  
Operator : CG/JU  
Sample : M1881-11  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
ESQG8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM040721MA.M  
Quant Title : SVOA CALIBRATION

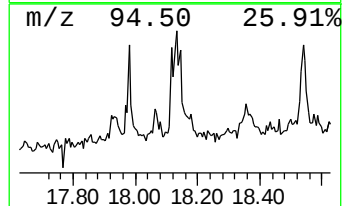
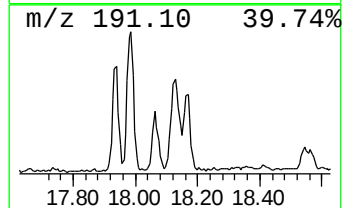
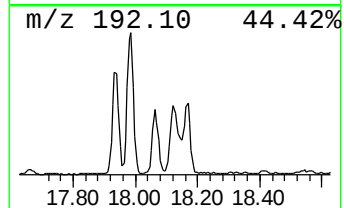
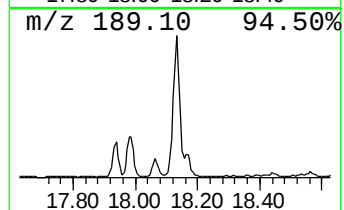
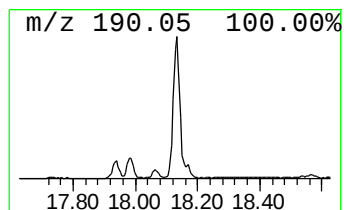
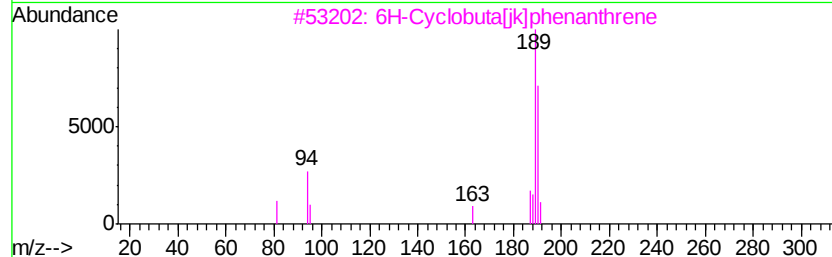
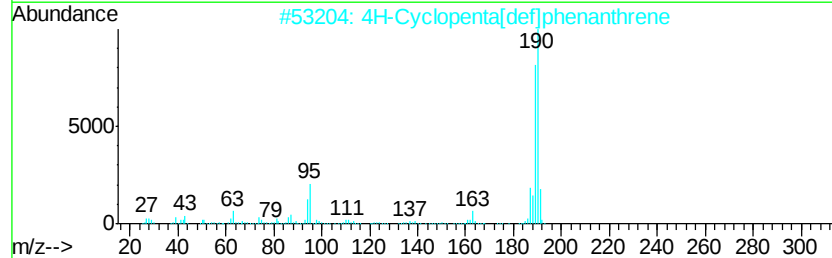
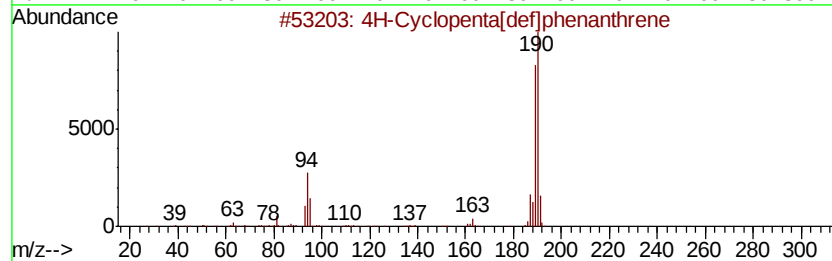
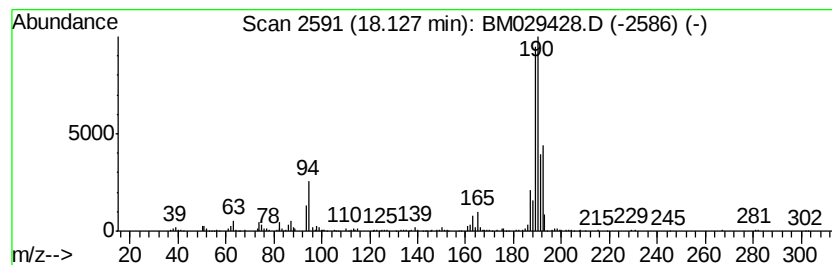
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 18.13 | 5.28 ng/ul | 275890 | Phenanthrene-d10 | 17.06 |

| Hit# of | 5 | Tentative ID                        | MW  | MolForm    | CAS#         | Qual |
|---------|---|-------------------------------------|-----|------------|--------------|------|
| 1       |   | 4H-Cyclopenta[def]phenanthrene      | 190 | C15H10     | 000203-64-5  | 70   |
| 2       |   | 4H-Cyclopenta[def]phenanthrene      | 190 | C15H10     | 000203-64-5  | 60   |
| 3       |   | 6H-Cyclobuta[ik]phenanthrene        | 190 | C15H10     | 083469-43-6  | 50   |
| 4       |   | 4H-Cyclopenta[def]phenanthrene      | 190 | C15H10     | 000203-64-5  | 47   |
| 5       |   | Carbonic acid, ethyl 2-formyl-4,... | 262 | C10H8Cl2O4 | 1000331-34-4 | 40   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040921\  
Data File : BM029428.D  
Acq On : 09 Apr 2021 13:07  
Operator : CG/JU  
Sample : M1881-11  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
ESQG8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM040721MA.M  
Quant Title : SVOA CALIBRATION

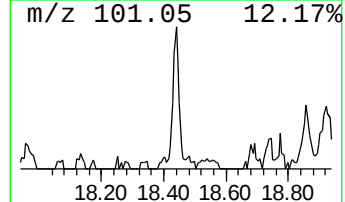
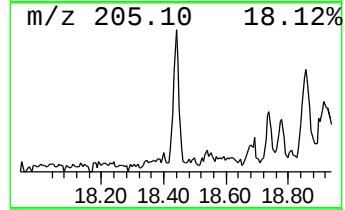
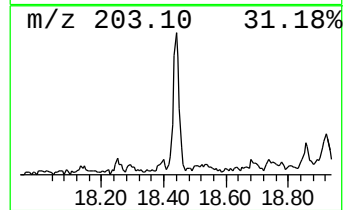
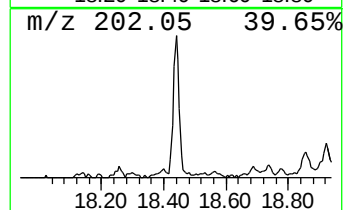
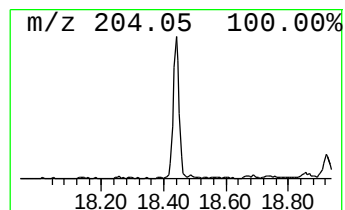
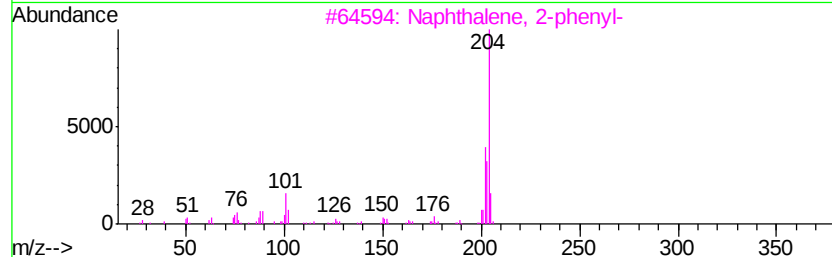
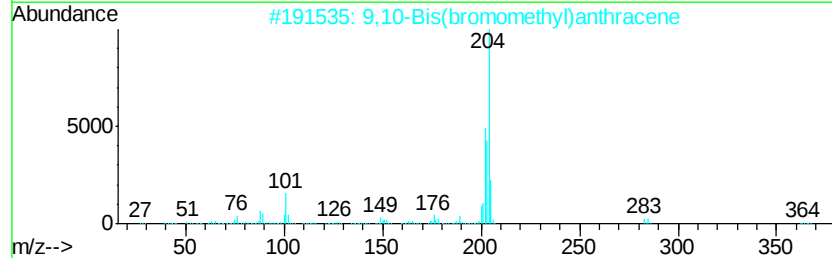
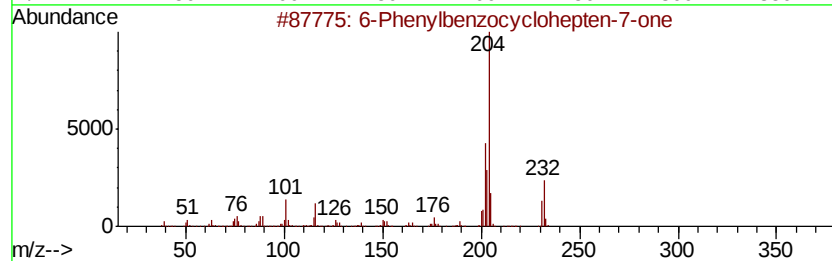
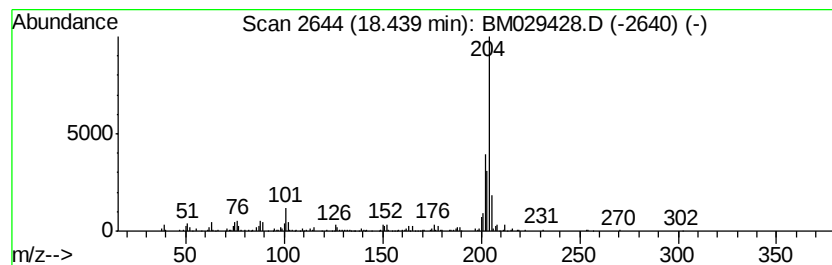
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 6 6-Phenylbenzocyclohepten-7-one Concentration Rank 8

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 18.44 | 2.39 ng/ul | 124708 | Phenanthrene-d10 | 17.06 |

| Hit# | of | Tentative ID                        | MW  | MolForm   | CAS#        | Qual |
|------|----|-------------------------------------|-----|-----------|-------------|------|
| 1    | 5  | 6-Phenylbenzocyclohepten-7-one      | 232 | C17H12O   | 093327-56-1 | 91   |
| 2    |    | 9,10-Bis(bromomethyl)anthracene     | 362 | C16H12Br2 | 034373-96-1 | 91   |
| 3    |    | Naphthalene, 2-phenyl-              | 204 | C16H12    | 000612-94-2 | 86   |
| 4    |    | Tricyclo[8.2.2.2(4,7)]hexadeca-2... | 204 | C16H12    | 006572-60-7 | 86   |
| 5    |    | 5,16[1',2']:8,13[1'',2'']-Dibenz... | 408 | C32H24    | 005672-97-9 | 83   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040921\  
Data File : BM029428.D  
Acq On : 09 Apr 2021 13:07  
Operator : CG/JU  
Sample : M1881-11  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM040721MA.M  
Quant Title : SVOA CALIBRATION

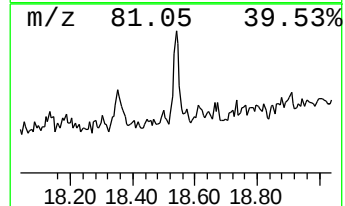
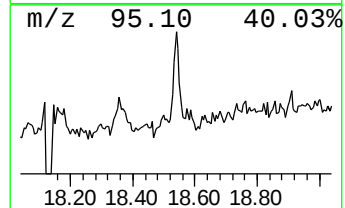
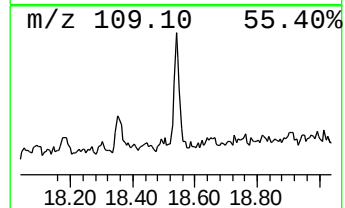
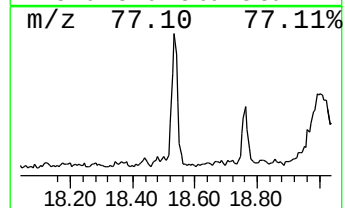
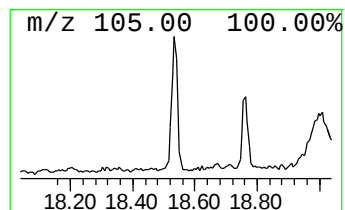
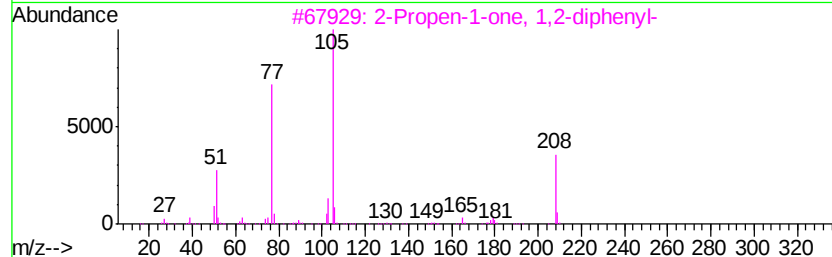
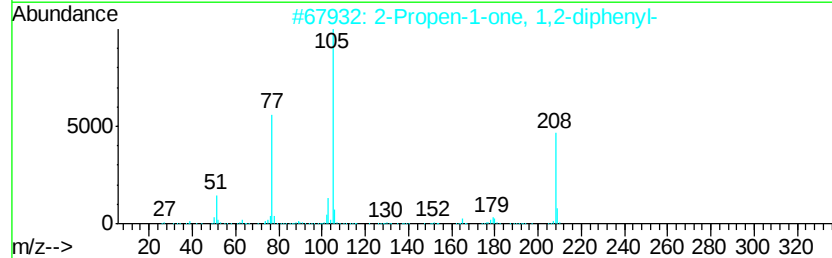
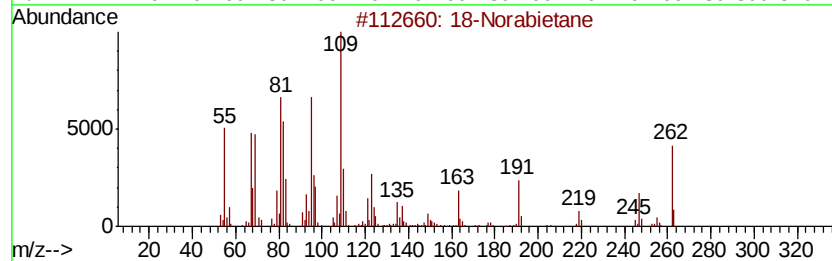
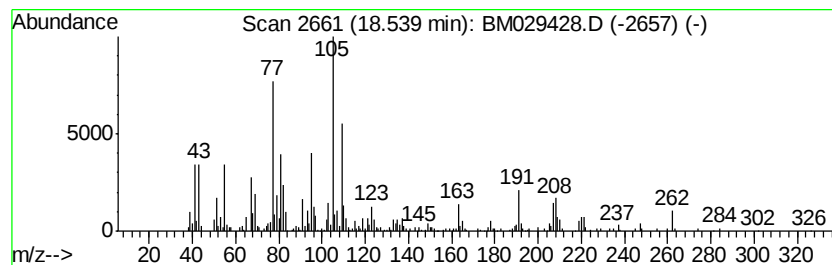
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 7 18-Norabietane Concentration Rank 4

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 18.54 | 4.02 ng/ul | 210104 | Phenanthrene-d10 | 17.06 |

| Hit# | of | Tentative ID                      | MW  | MolForm   | CAS#         | Qual |
|------|----|-----------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 18-Norabietane                    | 262 | C19H34    | 1000293-16-6 | 70   |
| 2    |    | 2-Propen-1-one, 1,2-diphenyl-     | 208 | C15H12O   | 004452-11-3  | 42   |
| 3    |    | 2-Propen-1-one, 1,2-diphenyl-     | 208 | C15H12O   | 004452-11-3  | 38   |
| 4    |    | 1H-Imidazole, 1-(phenylsulfonyl)- | 208 | C9H8N2O2S | 046248-01-5  | 30   |
| 5    |    | 1H-Imidazole, 1-(phenylsulfonyl)- | 208 | C9H8N2O2S | 046248-01-5  | 27   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040921\  
Data File : BM029428.D  
Acq On : 09 Apr 2021 13:07  
Operator : CG/JU  
Sample : M1881-11  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

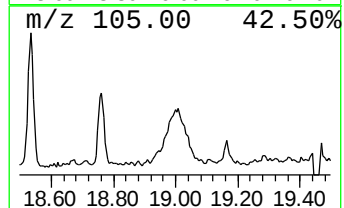
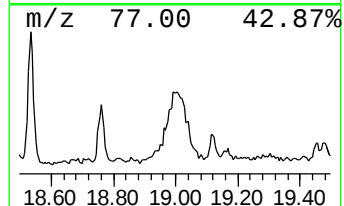
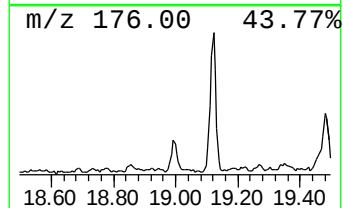
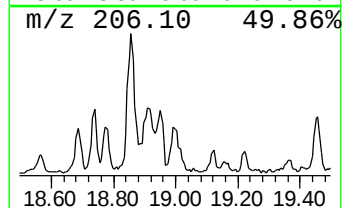
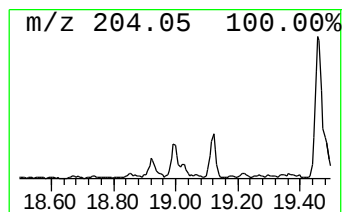
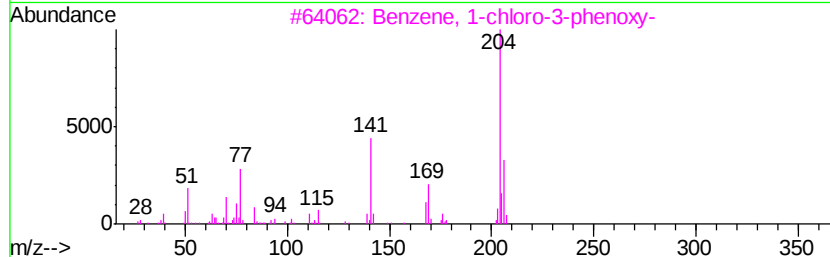
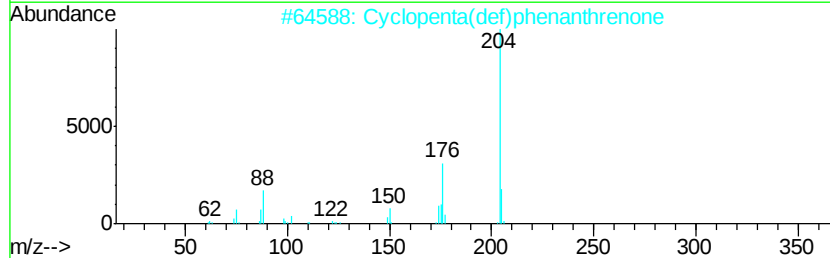
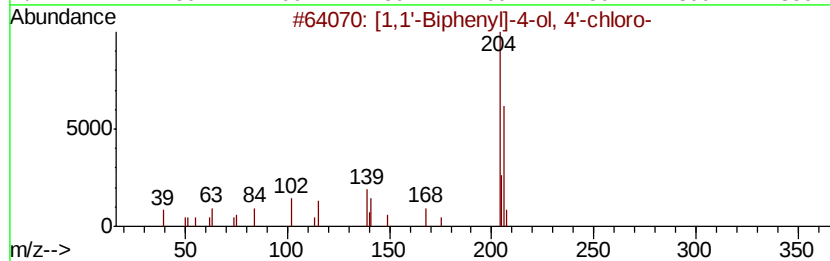
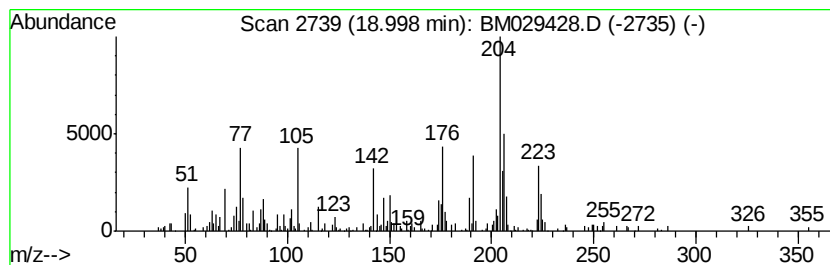
Instrument :  
BNA\_M  
ClientSampleId :  
ESQG8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM040721MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 8 unknown-01 Concentration Rank 6

| R.T.      | EstConc                             | Area   | Relative to ISTD | R.T.         |      |
|-----------|-------------------------------------|--------|------------------|--------------|------|
| 19.00     | 3.29 ng/ul                          | 171990 | Phenanthrene-d10 | 17.06        |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm          | CAS#         | Qual |
| 1         | [1,1'-Biphenyl]-4-ol, 4'-chloro-    | 204    | C12H9ClO         | 028034-99-3  | 46   |
| 2         | Cyclopenta(def)phenanthrenone       | 204    | C15H8O           | 005737-13-3  | 38   |
| 3         | Benzene, 1-chloro-3-phenoxy-        | 204    | C12H9ClO         | 006452-49-9  | 35   |
| 4         | 1-(2-Acetyl-3-chlorophenyl)-1H-p... | 247    | C13H10ClNO2      | 1000306-70-9 | 27   |
| 5         | Benzene, iodo-                      | 204    | C6H5I            | 000591-50-4  | 27   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040921\  
Data File : BM029428.D  
Acq On : 09 Apr 2021 13:07  
Operator : CG/JU  
Sample : M1881-11  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
ESQG8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM040721MA.M  
Quant Title : SVOA CALIBRATION

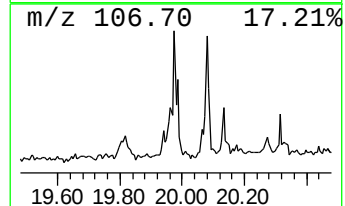
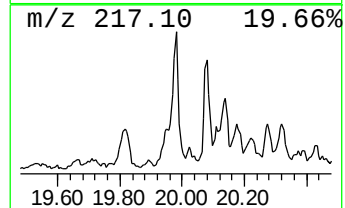
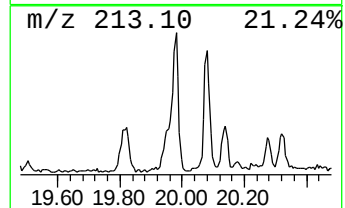
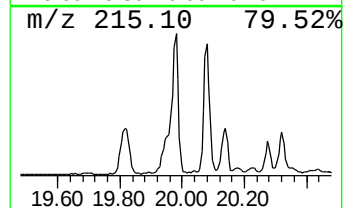
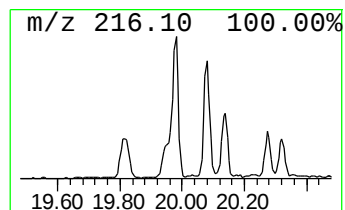
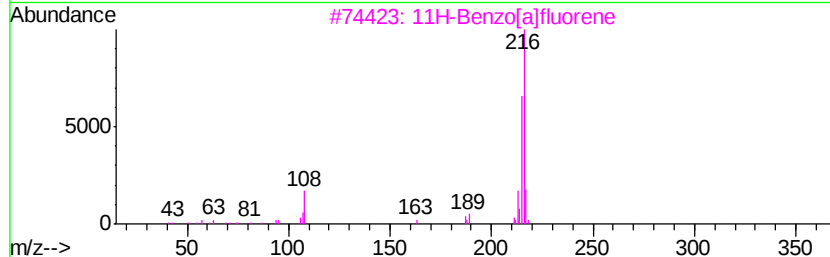
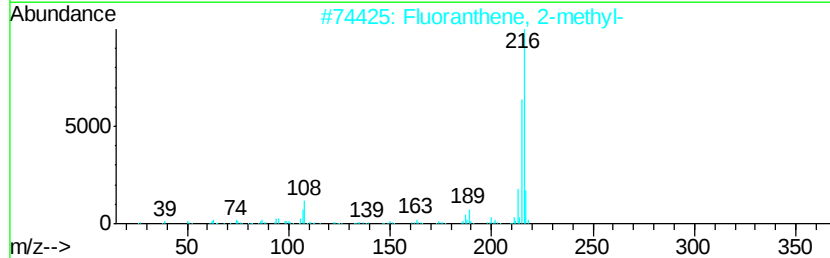
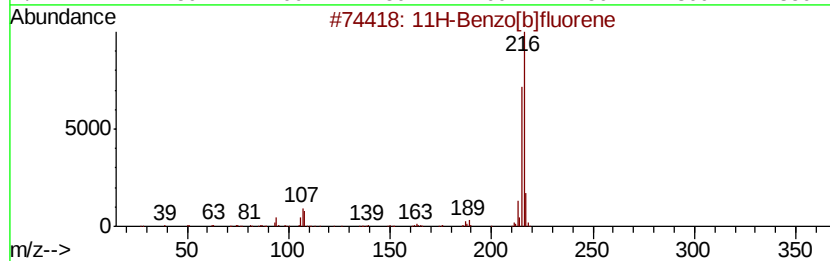
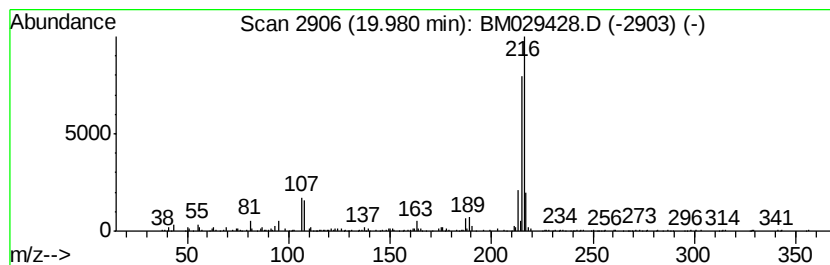
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 9 11H-Benzo[b]fluorene Concentration Rank 9

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 19.98 | 2.17 ng/ul | 249194 | Chrysene-d12     | 21.24 |

| Hit# | of | Tentative ID            | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------|-----|---------|-------------|------|
| 1    | 5  | 11H-Benzo[b]fluorene    | 216 | C17H12  | 000243-17-4 | 94   |
| 2    |    | Fluoranthene, 2-methyl- | 216 | C17H12  | 033543-31-6 | 91   |
| 3    |    | 11H-Benzo[a]fluorene    | 216 | C17H12  | 000238-84-6 | 87   |
| 4    |    | 11H-Benzo[a]fluorene    | 216 | C17H12  | 000238-84-6 | 87   |
| 5    |    | 11H-Benzo[b]fluorene    | 216 | C17H12  | 000243-17-4 | 80   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM040921\  
 Data File : BM029428.D  
 Acq On : 09 Apr 2021 13:07  
 Operator : CG/JU  
 Sample : M1881-11  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 ESQG8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM040721MA.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 |
| Butane, 2-methoxy... | 2.93  | 118.3   | ng/ul | 3753240  | 1                     | 7.69  | 634632  | 20.0 |
| Methacrylamide       | 3.70  | 3.9     | ng/ul | 122054   | 1                     | 7.69  | 634632  | 20.0 |
| 5H-Dibenzo[a,d]cy... | 17.94 | 2.4     | ng/ul | 124978   | 4                     | 17.06 | 1044180 | 20.0 |
| 1H-Cyclopropa[l]p... | 17.98 | 5.0     | ng/ul | 258407   | 4                     | 17.06 | 1044180 | 20.0 |
| 4H-Cyclopenta[def... | 18.13 | 5.3     | ng/ul | 275890   | 4                     | 17.06 | 1044180 | 20.0 |
| 6-Phenylbenzocycl... | 18.44 | 2.4     | ng/ul | 124708   | 4                     | 17.06 | 1044180 | 20.0 |
| 18-Norabietane       | 18.54 | 4.0     | ng/ul | 210104   | 4                     | 17.06 | 1044180 | 20.0 |
| unknown-01           | 19.00 | 3.3     | ng/ul | 171990   | 4                     | 17.06 | 1044180 | 20.0 |
| 11H-Benzo[b]fluorene | 19.98 | 2.2     | ng/ul | 249194   | 5                     | 21.24 | 2300550 | 20.0 |