

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM062221\  
 Data File : BM030546.D  
 Acq On : 23 Jun 2021 10:30  
 Operator : CG/JU  
 Sample : M2662-046DL 5X  
 Misc :  
 ALS Vial : 38 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BGDH3DL

Integration Parameters: LSCINT.P

Integrator: RTE

Soothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0.1 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-BM062221.M  
 Title : SVOA CALIBRATION

Signal : TIC: BM030546.D

| 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         | 3.799       | 117           | 121         | 127          | rVB2     | 31578          | 48573         | 1.00%           | 0.113%        |
| 2         | 4.016       | 153           | 158         | 164          | rVB      | 28682          | 46874         | 0.96%           | 0.109%        |
| 3         | 4.569       | 248           | 252         | 260          | rVB      | 32720          | 49767         | 1.02%           | 0.115%        |
| 4         | 5.457       | 398           | 403         | 414          | rBV      | 33022          | 68695         | 1.41%           | 0.159%        |
| 5         | 5.828       | 456           | 466         | 471          | rBV2     | 16777          | 31104         | 0.64%           | 0.072%        |
| 6         | 6.975       | 652           | 661         | 672          | rBV2     | 73255          | 152390        | 3.12%           | 0.353%        |
| 7         | 7.140       | 682           | 689         | 695          | rBV      | 57460          | 98952         | 2.03%           | 0.229%        |
| 8         | 7.340       | 717           | 723         | 732          | rVB      | 78090          | 132814        | 2.72%           | 0.308%        |
| 9         | 7.804       | 795           | 802         | 818          | rVB      | 758120         | 1221978       | 25.04%          | 2.831%        |
| 10        | 8.510       | 916           | 922         | 929          | rBV      | 87363          | 147530        | 3.02%           | 0.342%        |
| 11        | 8.963       | 993           | 999         | 1007         | rVB      | 66436          | 115820        | 2.37%           | 0.268%        |
| 12        | 9.681       | 1115          | 1121        | 1128         | rBV2     | 50046          | 86430         | 1.77%           | 0.200%        |
| 13        | 10.222      | 1207          | 1213        | 1227         | rBV      | 72018          | 146443        | 3.00%           | 0.339%        |
| 14        | 10.592      | 1267          | 1276        | 1283         | rBV      | 1070381        | 1840447       | 37.71%          | 4.263%        |
| 15        | 10.639      | 1283          | 1284        | 1293         | rVB      | 22206          | 27468         | 0.56%           | 0.064%        |
| 16        | 10.739      | 1293          | 1301        | 1312         | rBV      | 35135          | 85065         | 1.74%           | 0.197%        |
| 17        | 13.616      | 1782          | 1790        | 1795         | rBV4     | 10601          | 26142         | 0.54%           | 0.061%        |
| 18        | 13.757      | 1808          | 1814        | 1820         | rBV2     | 35073          | 61256         | 1.26%           | 0.142%        |
| 19        | 13.845      | 1824          | 1829        | 1838         | rVV      | 185524         | 290999        | 5.96%           | 0.674%        |
| 20        | 14.127      | 1871          | 1877        | 1890         | rBV2     | 194941         | 349662        | 7.17%           | 0.810%        |
| 21        | 14.433      | 1920          | 1929        | 1936         | rVV      | 1726021        | 2588360       | 53.04%          | 5.996%        |
| 22        | 14.498      | 1936          | 1940        | 1947         | rVV      | 116171         | 173524        | 3.56%           | 0.402%        |
| 23        | 14.651      | 1959          | 1966        | 1974         | rBV5     | 20869          | 50227         | 1.03%           | 0.116%        |
| 24        | 14.833      | 1992          | 1997        | 2006         | rVV3     | 38836          | 86706         | 1.78%           | 0.201%        |
| 25        | 14.910      | 2006          | 2010        | 2015         | rVB      | 29234          | 40421         | 0.83%           | 0.094%        |
| 26        | 15.051      | 2026          | 2034        | 2039         | rBV3     | 21212          | 39911         | 0.82%           | 0.092%        |
| 27        | 15.104      | 2039          | 2043        | 2050         | rVB      | 24665          | 34655         | 0.71%           | 0.080%        |
| 28        | 15.221      | 2055          | 2063        | 2066         | rBV3     | 22319          | 40634         | 0.83%           | 0.094%        |
| 29        | 15.427      | 2091          | 2098        | 2102         | rVV      | 301615         | 432752        | 8.87%           | 1.002%        |
| 30        | 15.480      | 2102          | 2107        | 2115         | rVV2     | 106644         | 172183        | 3.53%           | 0.399%        |
| 31        | 15.551      | 2115          | 2119        | 2121         | rVV2     | 24494          | 35087         | 0.72%           | 0.081%        |
| 32        | 15.580      | 2121          | 2124        | 2131         | rVV6     | 23778          | 66440         | 1.36%           | 0.154%        |
| 33        | 15.645      | 2131          | 2135        | 2140         | rVV4     | 19817          | 36288         | 0.74%           | 0.084%        |
| 34        | 15.692      | 2140          | 2143        | 2147         | rVV4     | 19567          | 30274         | 0.62%           | 0.070%        |
| 35        | 15.774      | 2153          | 2157        | 2164         | rVV      | 68601          | 100907        | 2.07%           | 0.234%        |
| 36        | 15.845      | 2164          | 2169        | 2174         | rVV      | 66019          | 84636         | 1.73%           | 0.196%        |

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 Sample : M2662-046DL 5X  
 Misc :  
 ALS Vial : 38 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BGDH3DL

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0.1 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-BM062221.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 37 | 15.921 | 2174 | 2182 | 2189 | rVV2 | 59360   | 131026  | 2.68%  | 0.304% |
| 38 | 16.010 | 2191 | 2197 | 2205 | rVB3 | 16248   | 31049   | 0.64%  | 0.072% |
| 39 | 16.151 | 2215 | 2221 | 2228 | rVB5 | 24880   | 54775   | 1.12%  | 0.127% |
| 40 | 16.480 | 2268 | 2277 | 2282 | rVV2 | 67032   | 142941  | 2.93%  | 0.331% |
| 41 | 16.527 | 2282 | 2285 | 2292 | rVV2 | 30841   | 54992   | 1.13%  | 0.127% |
| 42 | 16.633 | 2298 | 2303 | 2308 | rVV  | 32578   | 53663   | 1.10%  | 0.124% |
| 43 | 16.710 | 2308 | 2316 | 2319 | rVV4 | 61454   | 108558  | 2.22%  | 0.251% |
| 44 | 16.751 | 2319 | 2323 | 2326 | rVV2 | 56917   | 89204   | 1.83%  | 0.207% |
| 45 | 16.780 | 2326 | 2328 | 2331 | rVV2 | 21902   | 28969   | 0.59%  | 0.067% |
| 46 | 16.839 | 2333 | 2338 | 2344 | rVV5 | 32960   | 63571   | 1.30%  | 0.147% |
| 47 | 16.927 | 2344 | 2353 | 2360 | rVV4 | 131365  | 303351  | 6.22%  | 0.703% |
| 48 | 16.992 | 2360 | 2364 | 2374 | rVB  | 69691   | 138883  | 2.85%  | 0.322% |
| 49 | 17.174 | 2388 | 2395 | 2399 | rBV  | 2122786 | 3113616 | 63.80% | 7.213% |
| 50 | 17.215 | 2399 | 2402 | 2407 | rVV  | 1250068 | 1627157 | 33.34% | 3.769% |
| 51 | 17.268 | 2407 | 2411 | 2414 | rVV  | 332378  | 503120  | 10.31% | 1.165% |
| 52 | 17.304 | 2414 | 2417 | 2423 | rVV  | 595716  | 835731  | 17.13% | 1.936% |
| 53 | 17.357 | 2423 | 2426 | 2433 | rVB3 | 37475   | 73516   | 1.51%  | 0.170% |
| 54 | 17.580 | 2460 | 2464 | 2465 | rBV2 | 19254   | 26335   | 0.54%  | 0.061% |
| 55 | 17.610 | 2466 | 2469 | 2476 | rVV2 | 32465   | 61188   | 1.25%  | 0.142% |
| 56 | 17.692 | 2481 | 2483 | 2487 | rVB  | 29067   | 32225   | 0.66%  | 0.075% |
| 57 | 17.757 | 2490 | 2494 | 2496 | rBV3 | 16586   | 26225   | 0.54%  | 0.061% |
| 58 | 18.045 | 2538 | 2543 | 2547 | rBV  | 220726  | 320503  | 6.57%  | 0.742% |
| 59 | 18.092 | 2547 | 2551 | 2558 | rVB  | 330201  | 477271  | 9.78%  | 1.106% |
| 60 | 18.174 | 2560 | 2565 | 2570 | rBV  | 235616  | 324242  | 6.64%  | 0.751% |
| 61 | 18.245 | 2570 | 2577 | 2581 | rVV3 | 367137  | 688763  | 14.11% | 1.596% |
| 62 | 18.280 | 2581 | 2583 | 2592 | rVB  | 139682  | 170689  | 3.50%  | 0.395% |
| 63 | 18.362 | 2592 | 2597 | 2600 | rBV3 | 30432   | 42810   | 0.88%  | 0.099% |
| 64 | 18.545 | 2624 | 2628 | 2635 | rVB  | 160823  | 217588  | 4.46%  | 0.504% |
| 65 | 18.792 | 2666 | 2670 | 2675 | rBV  | 50718   | 65805   | 1.35%  | 0.152% |
| 66 | 18.845 | 2675 | 2679 | 2682 | rBV  | 55765   | 64796   | 1.33%  | 0.150% |
| 67 | 18.880 | 2682 | 2685 | 2689 | rVB  | 55919   | 70570   | 1.45%  | 0.163% |
| 68 | 18.962 | 2693 | 2699 | 2703 | rBV  | 143167  | 260219  | 5.33%  | 0.603% |
| 69 | 19.027 | 2706 | 2710 | 2713 | rBV3 | 62214   | 86193   | 1.77%  | 0.200% |
| 70 | 19.098 | 2719 | 2722 | 2725 | rBV2 | 47819   | 68307   | 1.40%  | 0.158% |
| 71 | 19.227 | 2738 | 2744 | 2750 | rBV  | 2566283 | 3400044 | 69.67% | 7.876% |
| 72 | 19.286 | 2751 | 2754 | 2757 | rVB2 | 45972   | 54337   | 1.11%  | 0.126% |
| 73 | 19.327 | 2757 | 2761 | 2764 | rBV2 | 45448   | 52320   | 1.07%  | 0.121% |
| 74 | 19.374 | 2765 | 2769 | 2774 | rBV  | 182044  | 259001  | 5.31%  | 0.600% |
| 75 | 19.468 | 2782 | 2785 | 2794 | rVB2 | 64021   | 111406  | 2.28%  | 0.258% |
| 76 | 19.556 | 2795 | 2800 | 2802 | rBV2 | 860420  | 1198442 | 24.56% | 2.776% |

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 Sample : M2662-046DL 5X  
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 ALS Vial : 38 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BGDH3DL

Integration Parameters: LSCINT.P

Integrator: RTE  
 Smoothing : OFF Filtering: 5  
 Sampling : 1 Min Area: 0.1 % of largest Peak  
 Start Thrs: 0.2 Max Peaks: 100  
 Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
 Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-BM062221.M  
 Title : SVOA CALIBRATION

|     |        |      |      |      |      |         |         |         |         |
|-----|--------|------|------|------|------|---------|---------|---------|---------|
| 77  | 19.586 | 2802 | 2805 | 2814 | rVV  | 1799326 | 2612940 | 53.54%  | 6.053%  |
| 78  | 19.662 | 2814 | 2818 | 2824 | rVV3 | 127786  | 211574  | 4.34%   | 0.490%  |
| 79  | 19.768 | 2832 | 2836 | 2842 | rVB  | 184049  | 276311  | 5.66%   | 0.640%  |
| 80  | 19.909 | 2854 | 2860 | 2868 | rBV2 | 165151  | 425427  | 8.72%   | 0.986%  |
| 81  | 20.045 | 2878 | 2883 | 2884 | rBV2 | 122991  | 166261  | 3.41%   | 0.385%  |
| 82  | 20.080 | 2885 | 2889 | 2895 | rVB  | 498048  | 733565  | 15.03%  | 1.699%  |
| 83  | 20.180 | 2902 | 2906 | 2910 | rBV  | 540569  | 667791  | 13.68%  | 1.547%  |
| 84  | 20.239 | 2910 | 2916 | 2920 | rVV2 | 224246  | 390762  | 8.01%   | 0.905%  |
| 85  | 20.333 | 2927 | 2932 | 2936 | rBV4 | 94107   | 185029  | 3.79%   | 0.429%  |
| 86  | 20.380 | 2937 | 2940 | 2943 | rVV  | 102672  | 128590  | 2.64%   | 0.298%  |
| 87  | 20.427 | 2944 | 2948 | 2957 | rVB2 | 126578  | 218789  | 4.48%   | 0.507%  |
| 88  | 20.550 | 2966 | 2969 | 2974 | rVB2 | 114484  | 134431  | 2.75%   | 0.311%  |
| 89  | 20.668 | 2987 | 2989 | 2992 | rBV2 | 53648   | 65625   | 1.34%   | 0.152%  |
| 90  | 20.786 | 3006 | 3009 | 3013 | rBV3 | 70180   | 97604   | 2.00%   | 0.226%  |
| 91  | 20.992 | 3041 | 3044 | 3047 | rBV  | 114724  | 141721  | 2.90%   | 0.328%  |
| 92  | 21.027 | 3047 | 3050 | 3053 | rVV  | 174441  | 211821  | 4.34%   | 0.491%  |
| 93  | 21.068 | 3054 | 3057 | 3062 | rVV2 | 108304  | 184007  | 3.77%   | 0.426%  |
| 94  | 21.339 | 3096 | 3103 | 3107 | rBV2 | 2771955 | 4880026 | 100.00% | 11.305% |
| 95  | 21.380 | 3107 | 3110 | 3118 | rVB  | 1008849 | 1295251 | 26.54%  | 3.000%  |
| 96  | 21.497 | 3126 | 3130 | 3135 | rBV  | 196427  | 301575  | 6.18%   | 0.699%  |
| 97  | 22.927 | 3368 | 3373 | 3379 | rBV  | 521854  | 1359540 | 27.86%  | 3.149%  |
| 98  | 23.415 | 3452 | 3456 | 3461 | rBV  | 272034  | 432461  | 8.86%   | 1.002%  |
| 99  | 23.509 | 3469 | 3472 | 3481 | rVB  | 601834  | 1071608 | 21.96%  | 2.482%  |
| 100 | 23.609 | 3483 | 3489 | 3495 | rBV2 | 1291060 | 2501102 | 51.25%  | 5.794%  |

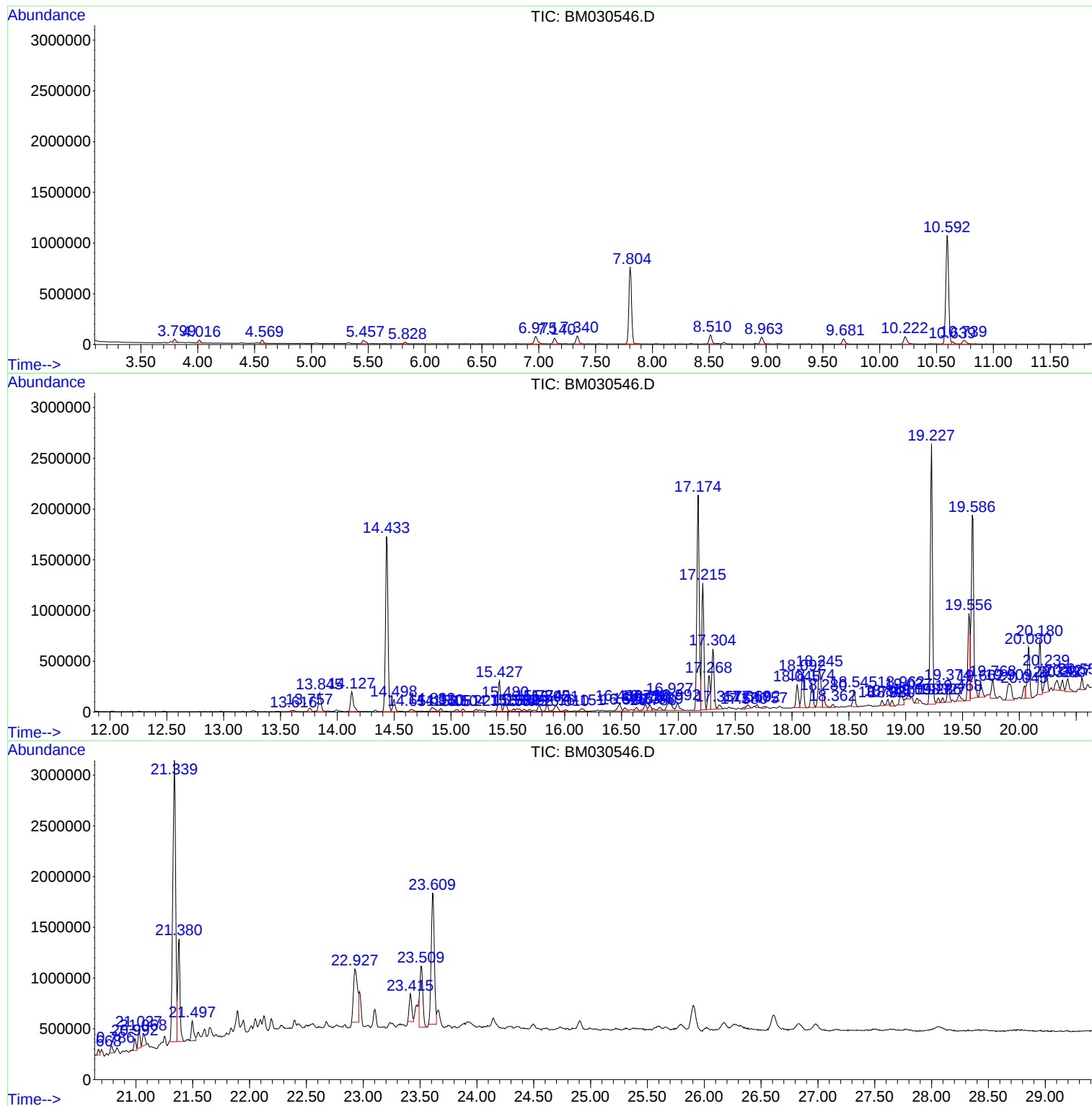
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Sample : M2662-046DL 5X  
Misc :  
ALS Vial : 38 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
BGDH3DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-BM062221.M  
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM062221\  
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ALS Vial : 38 Sample Multiplier: 1

Instrument :  
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ClientSampleId :  
BGDH3DL

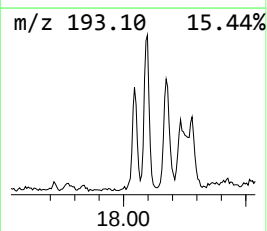
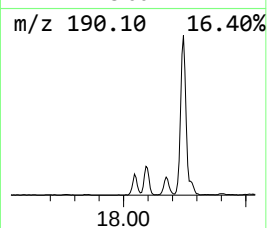
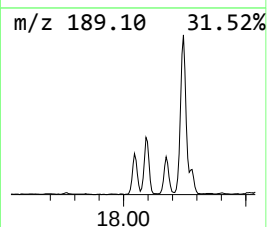
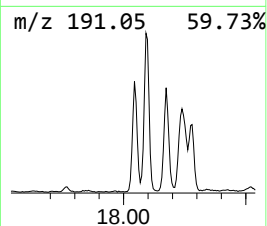
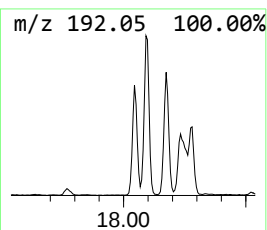
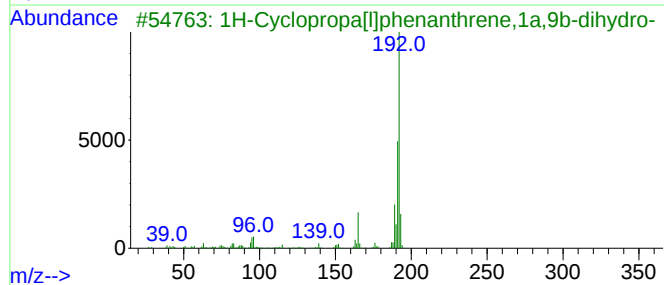
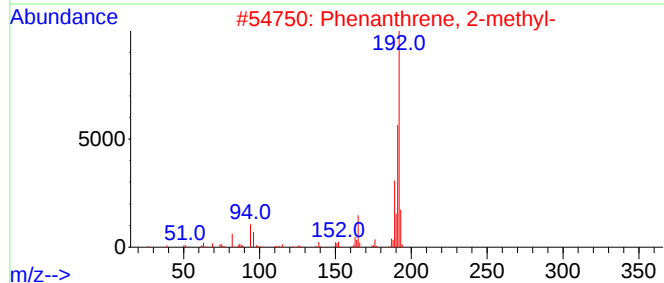
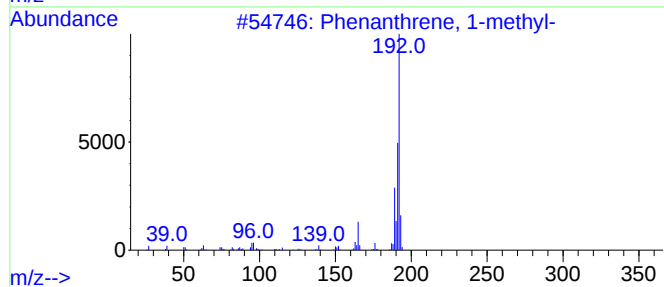
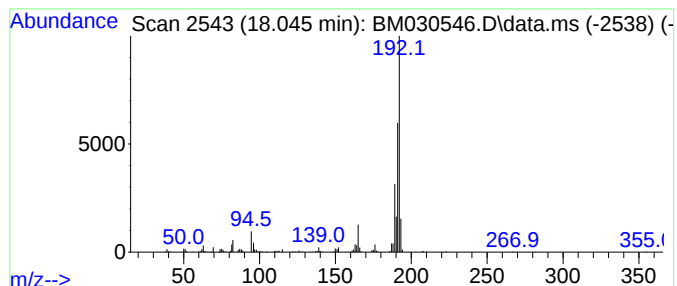
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-BM062221.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 1 Phenanthrene, 1-methyl- Concentration Rank 6

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 18.040 | 2.06 ng/ul | 320503 | Phenanthrene-d10 | 17.174 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Phenanthrene, 1-methyl-             | 192 | C15H12  | 000832-69-9 | 97   |
| 2    |    |   | Phenanthrene, 2-methyl-             | 192 | C15H12  | 002531-84-2 | 95   |
| 3    |    |   | 1H-Cyclopropa[1]phenanthrene,1a,... | 192 | C15H12  | 000949-41-7 | 95   |
| 4    |    |   | Phenanthrene, 2-methyl-             | 192 | C15H12  | 002531-84-2 | 95   |
| 5    |    |   | Anthracene, 2-methyl-               | 192 | C15H12  | 000613-12-7 | 95   |



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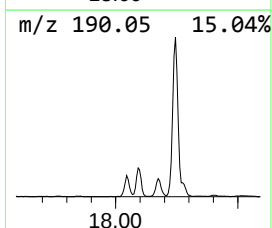
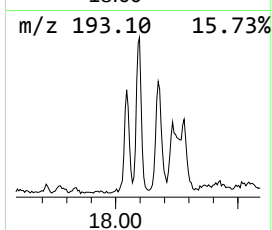
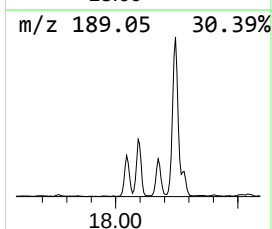
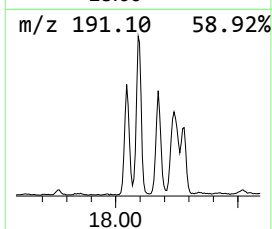
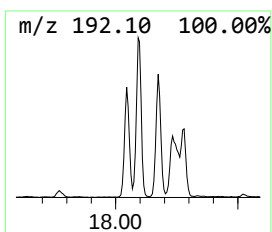
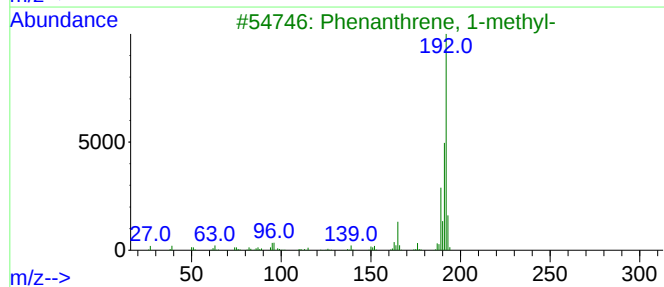
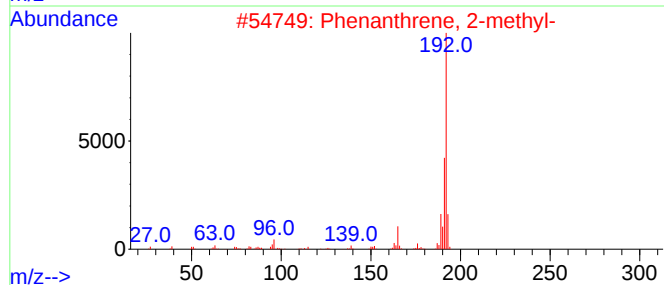
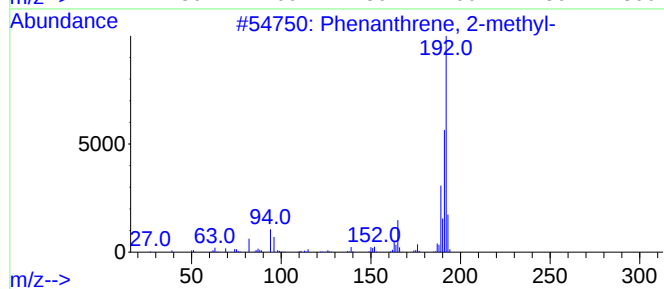
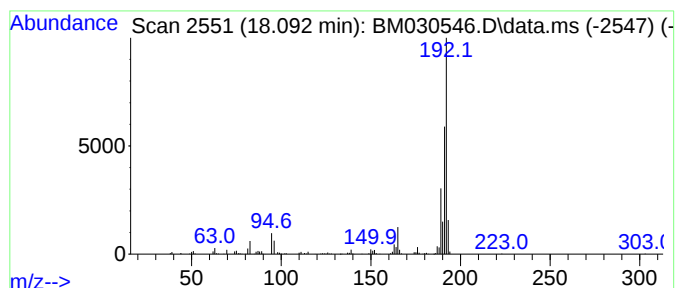
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-BM062221.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 2 Phenanthrene, 2-methyl- Concentration Rank 2

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 18.090 | 3.07 ng/ul | 477271 | Phenanthrene-d10 | 17.174 |

| Hit# | of 5 | Tentative ID            | MW  | MolForm | CAS#        | Qual |
|------|------|-------------------------|-----|---------|-------------|------|
| 1    |      | Phenanthrene, 2-methyl- | 192 | C15H12  | 002531-84-2 | 98   |
| 2    |      | Phenanthrene, 2-methyl- | 192 | C15H12  | 002531-84-2 | 97   |
| 3    |      | Phenanthrene, 1-methyl- | 192 | C15H12  | 000832-69-9 | 97   |
| 4    |      | Anthracene, 2-methyl-   | 192 | C15H12  | 000613-12-7 | 96   |
| 5    |      | Anthracene, 9-methyl-   | 192 | C15H12  | 000779-02-2 | 95   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM062221\  
Data File : BM030546.D  
Acq On : 23 Jun 2021 10:30  
Operator : CG/JU  
Sample : M2662-046DL 5X  
Misc :  
ALS Vial : 38 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
BGDH3DL

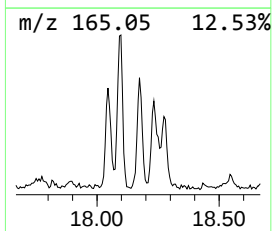
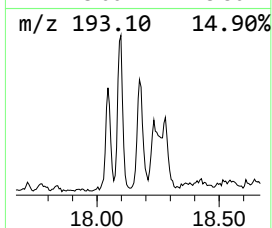
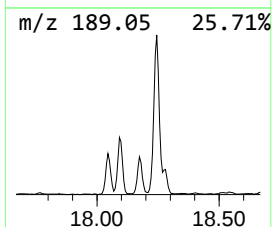
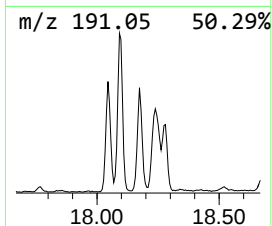
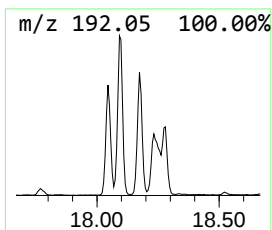
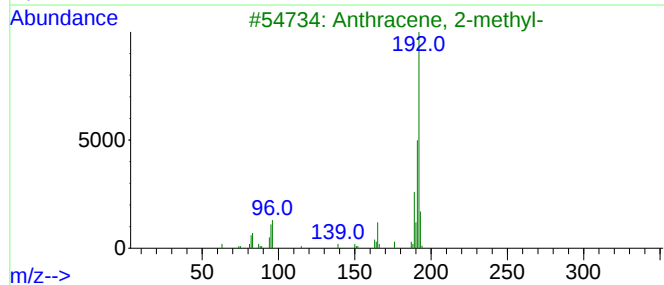
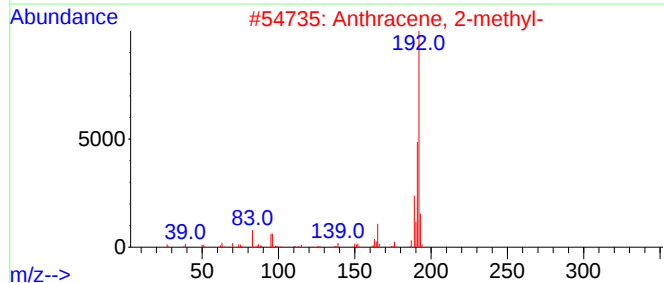
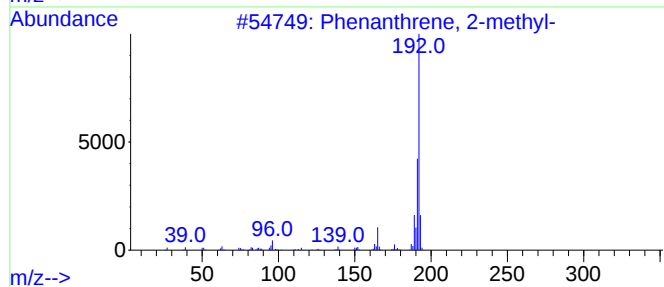
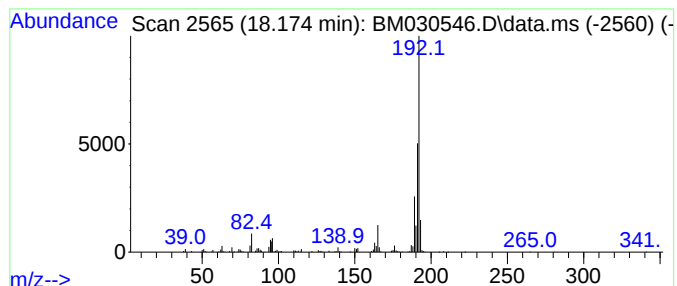
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Quant Title : SVOA CALIBRATION

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

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Peak Number 3 Anthracene, 2-methyl- Concentration Rank 5

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 18.170 | 2.08 ng/ul | 324242 | Phenanthrene-d10 | 17.174 |

| Hit# | of | 5 | Tentative ID            | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------|-----|---------|-------------|------|
| 1    |    |   | Phenanthrene, 2-methyl- | 192 | C15H12  | 002531-84-2 | 97   |
| 2    |    |   | Anthracene, 2-methyl-   | 192 | C15H12  | 000613-12-7 | 96   |
| 3    |    |   | Anthracene, 2-methyl-   | 192 | C15H12  | 000613-12-7 | 95   |
| 4    |    |   | Phenanthrene, 1-methyl- | 192 | C15H12  | 000832-69-9 | 95   |
| 5    |    |   | Anthracene, 9-methyl-   | 192 | C15H12  | 000779-02-2 | 94   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM062221\  
Data File : BM030546.D  
Acq On : 23 Jun 2021 10:30  
Operator : CG/JU  
Sample : M2662-046DL 5X  
Misc :  
ALS Vial : 38 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
BGDH3DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-BM062221.M  
Quant Title : SVOA CALIBRATION

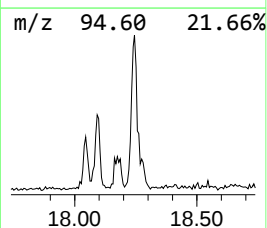
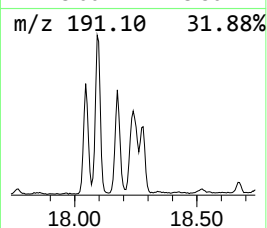
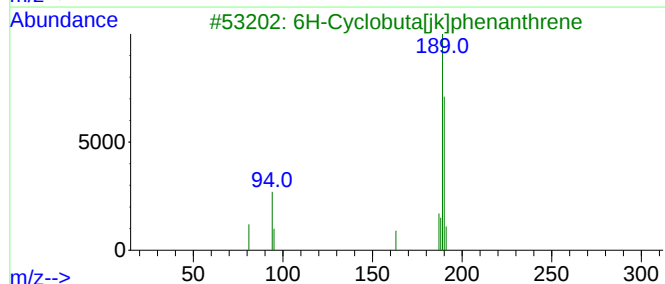
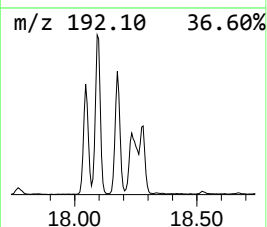
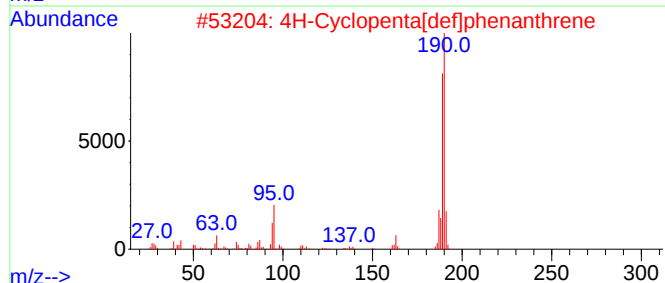
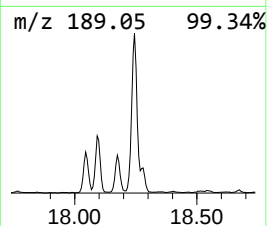
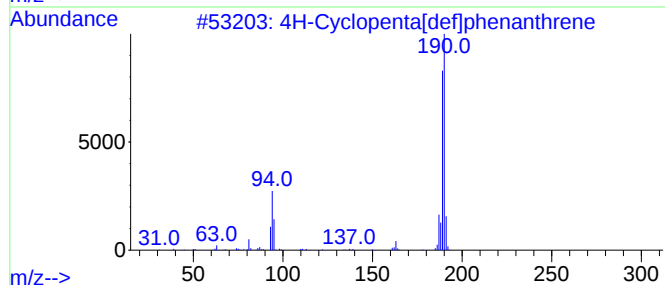
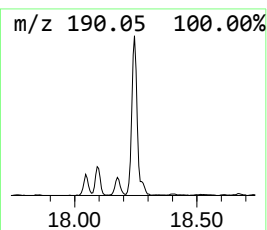
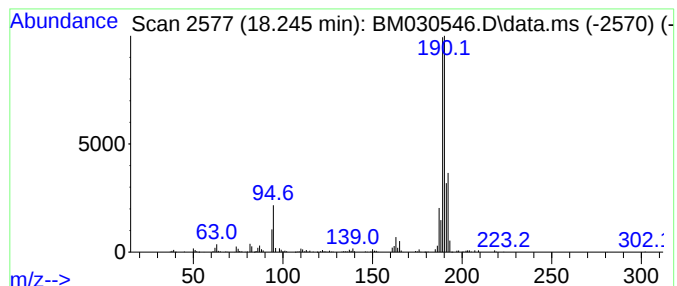
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 4 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 18.240 | 4.42 ng/ul | 688763 | Phenanthrene-d10 | 17.174 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | 4H-Cyclopenta[def]phenanthrene      | 190 | C15H10   | 000203-64-5 | 93   |
| 2    |    |   | 4H-Cyclopenta[def]phenanthrene      | 190 | C15H10   | 000203-64-5 | 70   |
| 3    |    |   | 6H-Cyclobuta[jk]phenanthrene        | 190 | C15H10   | 083469-43-6 | 64   |
| 4    |    |   | 4H-Cyclopenta[def]phenanthrene      | 190 | C15H10   | 000203-64-5 | 64   |
| 5    |    |   | 2,3,5,6-Tetramethylterephthalald... | 190 | C12H14O2 | 007072-01-7 | 50   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM062221\  
Data File : BM030546.D  
Acq On : 23 Jun 2021 10:30  
Operator : CG/JU  
Sample : M2662-046DL 5X  
Misc :  
ALS Vial : 38 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
BGDH3DL

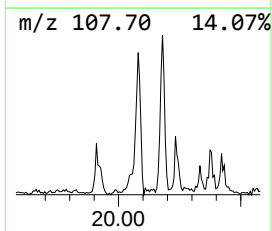
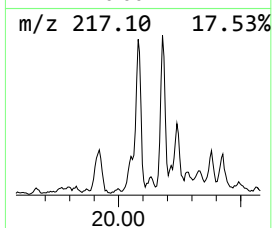
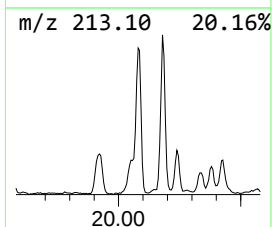
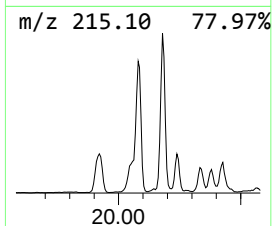
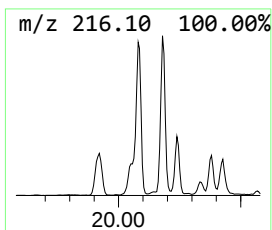
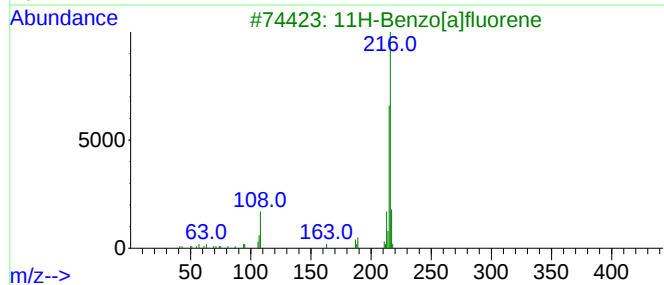
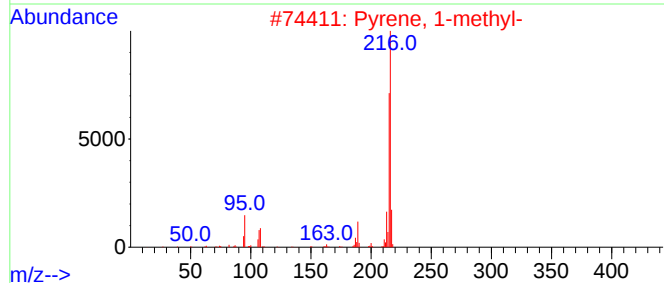
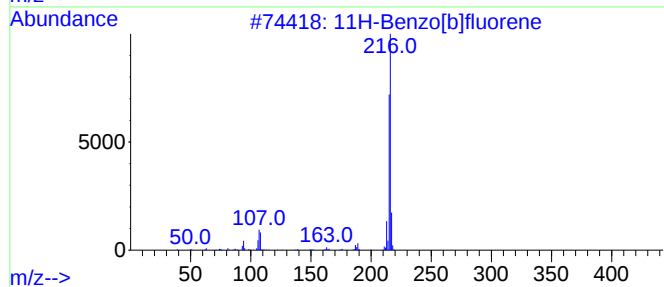
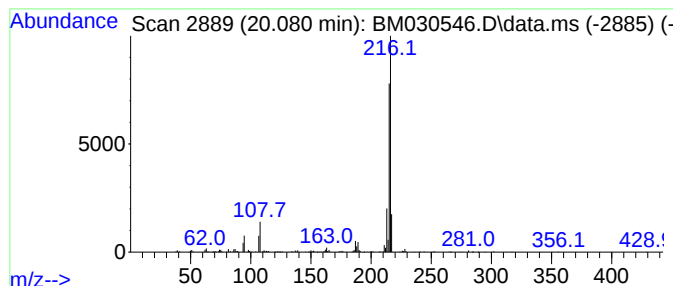
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Quant Title : SVOA CALIBRATION

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

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Peak Number 5 11H-Benzo[b]fluorene Concentration Rank 3

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 20.080 | 3.01 ng/ul | 733565 | Chrysene-d12     | 21.345 |

| Hit# | of | 5 | Tentative ID         | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------|-----|---------|-------------|------|
| 1    |    |   | 11H-Benzo[b]fluorene | 216 | C17H12  | 000243-17-4 | 94   |
| 2    |    |   | Pyrene, 1-methyl-    | 216 | C17H12  | 002381-21-7 | 93   |
| 3    |    |   | 11H-Benzo[a]fluorene | 216 | C17H12  | 000238-84-6 | 92   |
| 4    |    |   | 11H-Benzo[a]fluorene | 216 | C17H12  | 000238-84-6 | 91   |
| 5    |    |   | 11H-Benzo[a]fluorene | 216 | C17H12  | 000238-84-6 | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM062221\  
Data File : BM030546.D  
Acq On : 23 Jun 2021 10:30  
Operator : CG/JU  
Sample : M2662-046DL 5X  
Misc :  
ALS Vial : 38 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
BGDH3DL

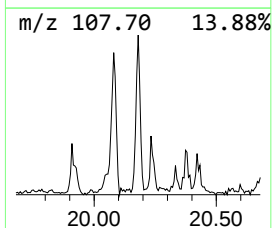
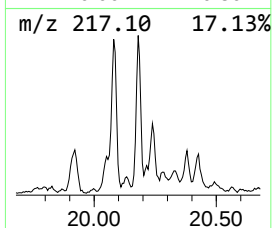
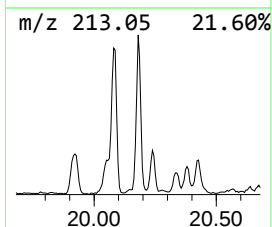
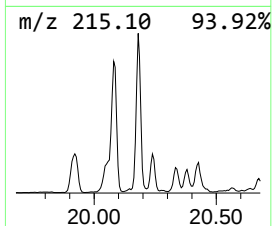
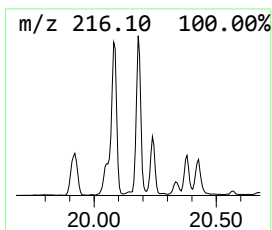
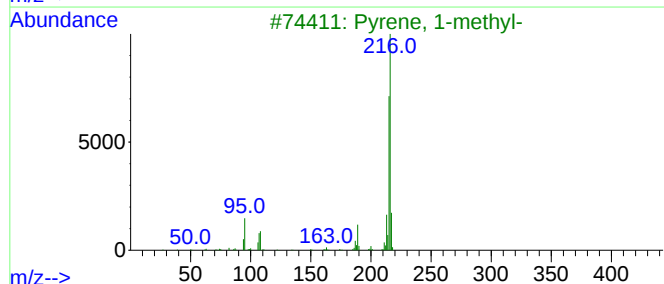
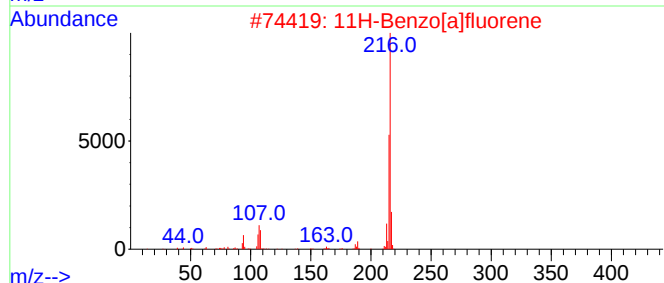
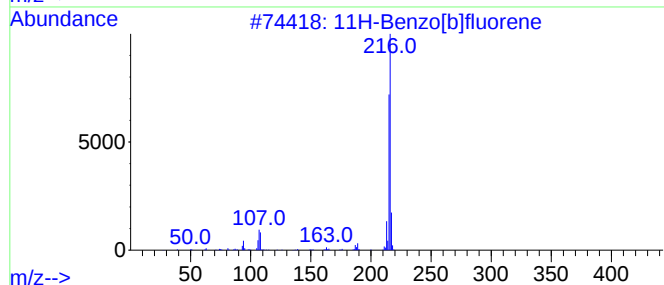
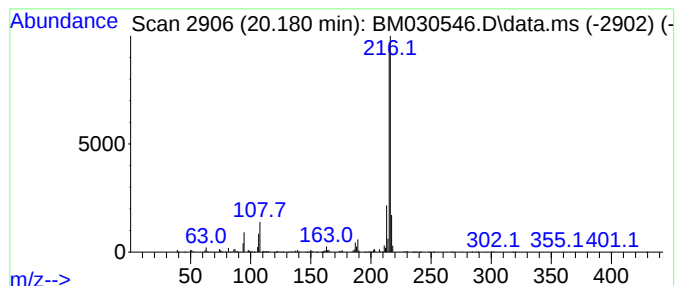
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Quant Title : SVOA CALIBRATION

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

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Peak Number 6 11H-Benzo[a]fluorene Concentration Rank 4

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 20.180 | 2.74 ng/ul | 667791 | Chrysene-d12     | 21.345 |

| Hit# | of | 5 | Tentative ID            | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------|-----|---------|-------------|------|
| 1    |    |   | 11H-Benzo[b]fluorene    | 216 | C17H12  | 000243-17-4 | 93   |
| 2    |    |   | 11H-Benzo[a]fluorene    | 216 | C17H12  | 000238-84-6 | 93   |
| 3    |    |   | Pyrene, 1-methyl-       | 216 | C17H12  | 002381-21-7 | 93   |
| 4    |    |   | 11H-Benzo[b]fluorene    | 216 | C17H12  | 000243-17-4 | 91   |
| 5    |    |   | Fluoranthene, 2-methyl- | 216 | C17H12  | 033543-31-6 | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM062221\  
Data File : BM030546.D  
Acq On : 23 Jun 2021 10:30  
Operator : CG/JU  
Sample : M2662-046DL 5X  
Misc :  
ALS Vial : 38 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
BGDH3DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-BM062221.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 |
| Phenanthrene, 1... | 18.040 | 2.1     | ng/ul | 320503   | 4                     | 17.174 | 3113620 | 20.0 |
| Phenanthrene, 2... | 18.090 | 3.1     | ng/ul | 477271   | 4                     | 17.174 | 3113620 | 20.0 |
| Anthracene, 2-m... | 18.170 | 2.1     | ng/ul | 324242   | 4                     | 17.174 | 3113620 | 20.0 |
| 4H-Cyclopenta[d... | 18.240 | 4.4     | ng/ul | 688763   | 4                     | 17.174 | 3113620 | 20.0 |
| 11H-Benzo[b]flu... | 20.080 | 3.0     | ng/ul | 733565   | 5                     | 21.345 | 4880030 | 20.0 |
| 11H-Benzo[a]flu... | 20.180 | 2.7     | ng/ul | 667791   | 5                     | 21.345 | 4880030 | 20.0 |