

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121820\  
 Data File : BP004398.D  
 Acq On : 19 Dec 2020 17:19  
 Operator : CG/JU  
 Sample : L5151-06  
 Misc :  
 ALS Vial : 45 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 C0AE8

## 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\_P\METHODS\SOM-EPA-BP121820MA.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      | 5.481    | 387        | 390      | 399       | rVB   | 44312       | 73661      | 0.96%        | 0.078%     |
| 2      | 5.851    | 448        | 453      | 461       | rVB   | 77474       | 132306     | 1.73%        | 0.139%     |
| 3      | 6.810    | 613        | 616      | 624       | rVB6  | 21490       | 42535      | 0.56%        | 0.045%     |
| 4      | 6.993    | 640        | 647      | 663       | rVB   | 640563      | 1185637    | 15.47%       | 1.250%     |
| 5      | 7.157    | 669        | 675      | 682       | rBV   | 505795      | 805954     | 10.52%       | 0.850%     |
| 6      | 7.357    | 703        | 709      | 720       | rVB   | 666848      | 1101949    | 14.38%       | 1.162%     |
| 7      | 7.475    | 721        | 729      | 735       | rVB2  | 47376       | 114281     | 1.49%        | 0.120%     |
| 8      | 7.828    | 781        | 789      | 803       | rVV   | 932641      | 1581102    | 20.63%       | 1.667%     |
| 9      | 7.940    | 803        | 808      | 815       | rVB3  | 26896       | 50465      | 0.66%        | 0.053%     |
| 10     | 8.534    | 902        | 909      | 918       | rVB   | 767207      | 1252640    | 16.35%       | 1.321%     |
| 11     | 8.981    | 979        | 985      | 994       | rVV   | 596249      | 1014865    | 13.24%       | 1.070%     |
| 12     | 9.410    | 1053       | 1058     | 1063      | rBV   | 29727       | 50224      | 0.66%        | 0.053%     |
| 13     | 9.704    | 1100       | 1108     | 1120      | rBV   | 516784      | 877592     | 11.45%       | 0.925%     |
| 14     | 10.245   | 1187       | 1200     | 1209      | rVV   | 847535      | 1458652    | 19.03%       | 1.538%     |
| 15     | 10.622   | 1255       | 1264     | 1269      | rBV   | 1344706     | 2325376    | 30.34%       | 2.451%     |
| 16     | 10.669   | 1269       | 1272     | 1279      | rVV   | 168705      | 273694     | 3.57%        | 0.289%     |
| 17     | 10.757   | 1279       | 1287     | 1299      | rVB   | 635336      | 1153493    | 15.05%       | 1.216%     |
| 18     | 11.657   | 1434       | 1440     | 1445      | rBV   | 32691       | 52537      | 0.69%        | 0.055%     |
| 19     | 12.051   | 1502       | 1507     | 1514      | rBV   | 38752       | 59076      | 0.77%        | 0.062%     |
| 20     | 12.286   | 1541       | 1547     | 1556      | rVB   | 235543      | 373027     | 4.87%        | 0.393%     |
| 21     | 12.504   | 1579       | 1584     | 1594      | rVV   | 174456      | 285523     | 3.73%        | 0.301%     |
| 22     | 13.010   | 1666       | 1670     | 1675      | rVV   | 33292       | 49904      | 0.65%        | 0.053%     |
| 23     | 13.298   | 1709       | 1719     | 1725      | rBV2  | 77139       | 127445     | 1.66%        | 0.134%     |
| 24     | 13.639   | 1764       | 1777     | 1778      | rBV2  | 56993       | 110115     | 1.44%        | 0.116%     |
| 25     | 13.792   | 1797       | 1803     | 1808      | rVV   | 127338      | 219197     | 2.86%        | 0.231%     |
| 26     | 13.880   | 1808       | 1818     | 1823      | rVV   | 1431469     | 2151622    | 28.08%       | 2.268%     |
| 27     | 13.922   | 1823       | 1825     | 1829      | rVV   | 99978       | 134681     | 1.76%        | 0.142%     |
| 28     | 13.963   | 1829       | 1832     | 1836      | rVV   | 49148       | 66312      | 0.87%        | 0.070%     |
| 29     | 14.028   | 1836       | 1843     | 1847      | rVV   | 78305       | 138883     | 1.81%        | 0.146%     |
| 30     | 14.063   | 1847       | 1849     | 1856      | rVB4  | 28277       | 38561      | 0.50%        | 0.041%     |
| 31     | 14.163   | 1859       | 1866     | 1878      | rVV   | 1740332     | 2812765    | 36.70%       | 2.965%     |
| 32     | 14.380   | 1899       | 1903     | 1908      | rVB   | 45411       | 61079      | 0.80%        | 0.064%     |
| 33     | 14.475   | 1908       | 1919     | 1925      | rBV   | 2055373     | 3102565    | 40.49%       | 3.271%     |
| 34     | 14.533   | 1925       | 1929     | 1937      | rVB3  | 71706       | 135235     | 1.76%        | 0.143%     |

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Integrator: RTE  
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 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\_P\METHODS\SOM-EPA-BP121820MA.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 35 | 14.680 | 1948 | 1954 | 1962 | rBV  | 506855  | 794594  | 10.37% | 0.838% |
| 36 | 14.769 | 1966 | 1969 | 1975 | rVB2 | 28062   | 38563   | 0.50%  | 0.041% |
| 37 | 14.875 | 1982 | 1987 | 1994 | rVB  | 148258  | 231102  | 3.02%  | 0.244% |
| 38 | 14.951 | 1994 | 2000 | 2005 | rVB  | 61334   | 88997   | 1.16%  | 0.094% |
| 39 | 15.004 | 2005 | 2009 | 2017 | rVB7 | 19232   | 40482   | 0.53%  | 0.043% |
| 40 | 15.098 | 2017 | 2025 | 2030 | rBV3 | 48151   | 96990   | 1.27%  | 0.102% |
| 41 | 15.145 | 2030 | 2033 | 2038 | rVB  | 37816   | 50712   | 0.66%  | 0.053% |
| 42 | 15.216 | 2038 | 2045 | 2050 | rBV  | 722954  | 932102  | 12.16% | 0.983% |
| 43 | 15.286 | 2050 | 2057 | 2063 | rVV  | 2530444 | 3195408 | 41.70% | 3.369% |
| 44 | 15.333 | 2063 | 2065 | 2074 | rVB2 | 43852   | 59076   | 0.77%  | 0.062% |
| 45 | 15.469 | 2082 | 2088 | 2094 | rBV  | 2076906 | 3078615 | 40.17% | 3.245% |
| 46 | 15.522 | 2094 | 2097 | 2103 | rVB2 | 148056  | 215890  | 2.82%  | 0.228% |
| 47 | 15.598 | 2103 | 2110 | 2117 | rBV  | 253914  | 367745  | 4.80%  | 0.388% |
| 48 | 15.745 | 2131 | 2135 | 2139 | rVB3 | 55496   | 85599   | 1.12%  | 0.090% |
| 49 | 15.822 | 2143 | 2148 | 2155 | rVB  | 80488   | 132082  | 1.72%  | 0.139% |
| 50 | 15.969 | 2165 | 2173 | 2181 | rVB  | 96969   | 222957  | 2.91%  | 0.235% |
| 51 | 16.057 | 2181 | 2188 | 2193 | rBV2 | 34549   | 74686   | 0.97%  | 0.079% |
| 52 | 16.227 | 2208 | 2217 | 2221 | rBV2 | 170450  | 361660  | 4.72%  | 0.381% |
| 53 | 16.345 | 2232 | 2237 | 2241 | rBV2 | 21219   | 38341   | 0.50%  | 0.040% |
| 54 | 16.492 | 2255 | 2262 | 2264 | rBV8 | 18987   | 45253   | 0.59%  | 0.048% |
| 55 | 16.539 | 2267 | 2270 | 2275 | rVB3 | 31850   | 49067   | 0.64%  | 0.052% |
| 56 | 16.774 | 2305 | 2310 | 2313 | rBV2 | 63650   | 110062  | 1.44%  | 0.116% |
| 57 | 16.886 | 2325 | 2329 | 2335 | rVB  | 86315   | 136979  | 1.79%  | 0.144% |
| 58 | 16.951 | 2335 | 2340 | 2345 | rVV  | 532968  | 714327  | 9.32%  | 0.753% |
| 59 | 16.998 | 2346 | 2348 | 2353 | rVV2 | 66173   | 97524   | 1.27%  | 0.103% |
| 60 | 17.051 | 2353 | 2357 | 2367 | rVB  | 90334   | 158781  | 2.07%  | 0.167% |
| 61 | 17.233 | 2382 | 2388 | 2392 | rBV  | 2433787 | 3517472 | 45.90% | 3.708% |
| 62 | 17.274 | 2392 | 2395 | 2400 | rVV  | 1298719 | 1850959 | 24.15% | 1.951% |
| 63 | 17.333 | 2400 | 2405 | 2409 | rVV2 | 2456082 | 3490279 | 45.55% | 3.679% |
| 64 | 17.369 | 2409 | 2411 | 2416 | rVB  | 345343  | 391889  | 5.11%  | 0.413% |
| 65 | 17.421 | 2417 | 2420 | 2428 | rBV3 | 43511   | 87367   | 1.14%  | 0.092% |
| 66 | 17.639 | 2449 | 2457 | 2461 | rBV2 | 133998  | 243447  | 3.18%  | 0.257% |
| 67 | 17.745 | 2471 | 2475 | 2483 | rVB3 | 66255   | 113001  | 1.47%  | 0.119% |
| 68 | 17.816 | 2484 | 2487 | 2491 | rBV2 | 35339   | 49863   | 0.65%  | 0.053% |
| 69 | 18.104 | 2532 | 2536 | 2540 | rBV  | 199913  | 286053  | 3.73%  | 0.302% |
| 70 | 18.151 | 2540 | 2544 | 2550 | rVV  | 327860  | 452812  | 5.91%  | 0.477% |
| 71 | 18.227 | 2553 | 2557 | 2562 | rBV  | 95868   | 136019  | 1.77%  | 0.143% |

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## Integration Parameters: LSCINT.P

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Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SOM-EPA-BP121820MA.M  
 Title : SVOA CALIBRATION

|     |        |      |      |      |      |         |         |         |        |
|-----|--------|------|------|------|------|---------|---------|---------|--------|
| 72  | 18.292 | 2563 | 2568 | 2572 | rVV2 | 288642  | 546571  | 7.13%   | 0.576% |
| 73  | 18.327 | 2572 | 2574 | 2579 | rVB  | 169525  | 202306  | 2.64%   | 0.213% |
| 74  | 18.410 | 2586 | 2588 | 2591 | rBV2 | 43673   | 47471   | 0.62%   | 0.050% |
| 75  | 18.586 | 2615 | 2618 | 2622 | rBV  | 179245  | 226841  | 2.96%   | 0.239% |
| 76  | 18.627 | 2622 | 2625 | 2631 | rVB  | 139181  | 173995  | 2.27%   | 0.183% |
| 77  | 18.827 | 2657 | 2659 | 2662 | rVB3 | 50074   | 50079   | 0.65%   | 0.053% |
| 78  | 18.992 | 2684 | 2687 | 2691 | rBV  | 123403  | 190932  | 2.49%   | 0.201% |
| 79  | 19.127 | 2707 | 2710 | 2718 | rBV  | 145886  | 231882  | 3.03%   | 0.244% |
| 80  | 19.251 | 2726 | 2731 | 2737 | rVB  | 3391144 | 4425573 | 57.75%  | 4.665% |
| 81  | 19.574 | 2781 | 2786 | 2789 | rBV2 | 3419565 | 5174725 | 67.53%  | 5.455% |
| 82  | 19.604 | 2789 | 2791 | 2799 | rVV  | 2797226 | 3259994 | 42.54%  | 3.437% |
| 83  | 19.674 | 2799 | 2803 | 2808 | rVB2 | 168535  | 260435  | 3.40%   | 0.275% |
| 84  | 19.780 | 2817 | 2821 | 2826 | rBV  | 186903  | 254325  | 3.32%   | 0.268% |
| 85  | 19.839 | 2827 | 2831 | 2835 | rVB  | 153832  | 223903  | 2.92%   | 0.236% |
| 86  | 19.927 | 2840 | 2846 | 2851 | rBV3 | 214728  | 547947  | 7.15%   | 0.578% |
| 87  | 20.086 | 2870 | 2873 | 2879 | rVB  | 449803  | 585170  | 7.64%   | 0.617% |
| 88  | 20.186 | 2886 | 2890 | 2893 | rBV  | 249567  | 314996  | 4.11%   | 0.332% |
| 89  | 20.380 | 2920 | 2923 | 2926 | rBV  | 153356  | 184738  | 2.41%   | 0.195% |
| 90  | 20.815 | 2994 | 2997 | 3002 | rVB  | 425929  | 529630  | 6.91%   | 0.558% |
| 91  | 21.015 | 3029 | 3031 | 3033 | rBV  | 203021  | 210380  | 2.75%   | 0.222% |
| 92  | 21.104 | 3044 | 3046 | 3051 | rVB2 | 377786  | 463005  | 6.04%   | 0.488% |
| 93  | 21.327 | 3077 | 3084 | 3088 | rBV2 | 3762555 | 7663281 | 100.00% | 8.079% |
| 94  | 21.362 | 3088 | 3090 | 3101 | rVB  | 2032756 | 2667498 | 34.81%  | 2.812% |
| 95  | 22.974 | 3358 | 3364 | 3369 | rBV  | 2286659 | 5270836 | 68.78%  | 5.556% |
| 96  | 23.486 | 3446 | 3451 | 3455 | rBV  | 1107666 | 2101507 | 27.42%  | 2.215% |
| 97  | 23.539 | 3455 | 3460 | 3464 | rVV  | 2037420 | 3927344 | 51.25%  | 4.140% |
| 98  | 23.586 | 3464 | 3468 | 3475 | rVB  | 1841064 | 3411857 | 44.52%  | 3.597% |
| 99  | 23.692 | 3480 | 3486 | 3491 | rBV  | 1771971 | 3450763 | 45.03%  | 3.638% |
| 100 | 26.115 | 3892 | 3898 | 3910 | rVB2 | 944427  | 2811602 | 36.69%  | 2.964% |

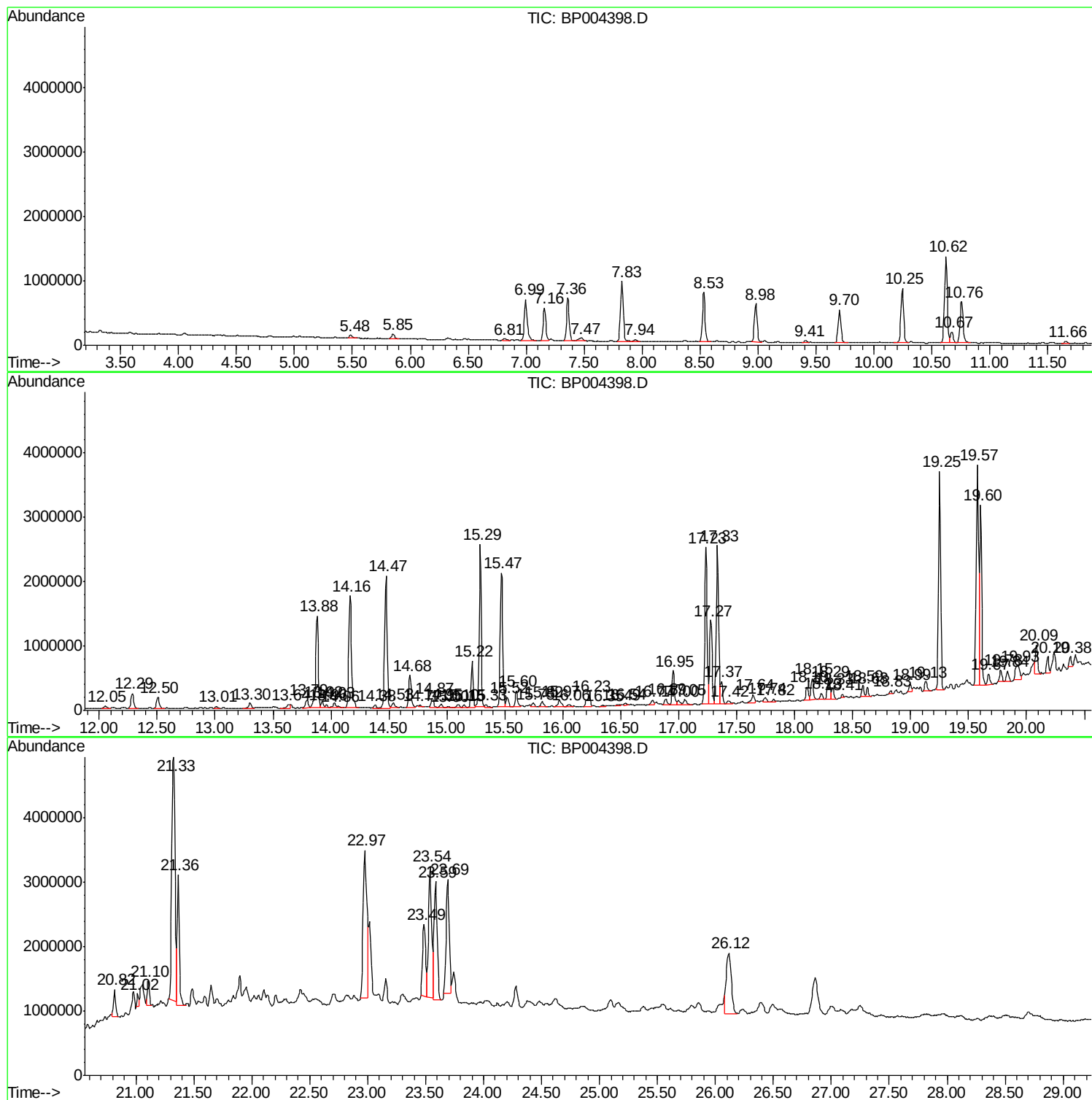
Sum of corrected areas: 94859294

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SOM-EPA-BP121820MA.M  
Quant Title : SVOA CALIBRATION

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



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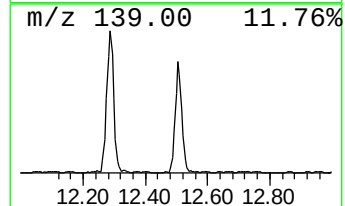
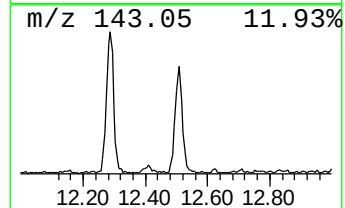
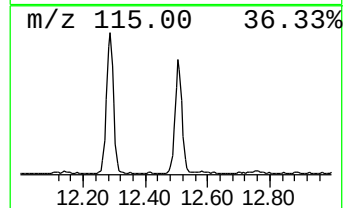
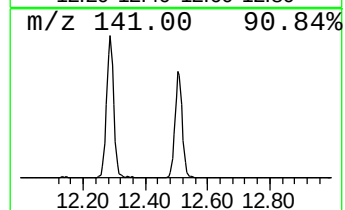
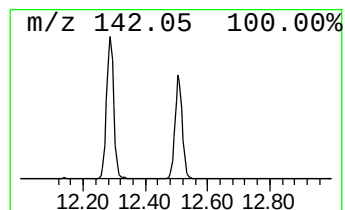
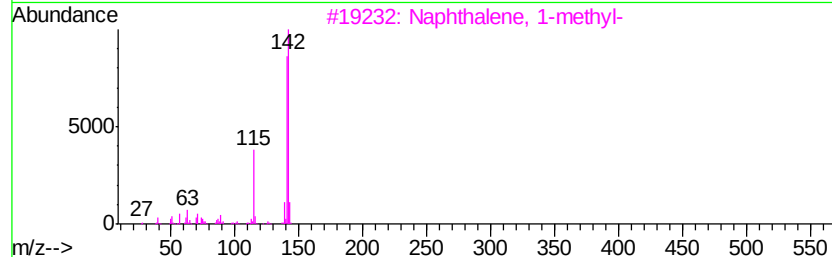
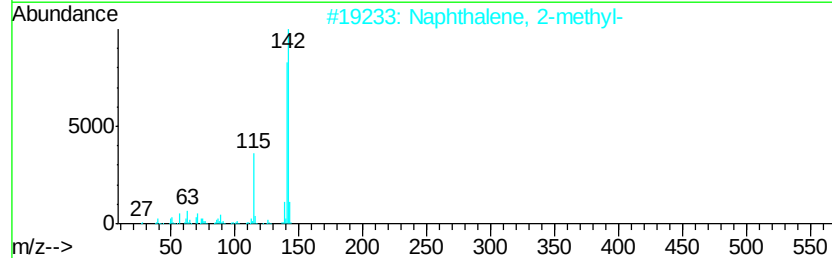
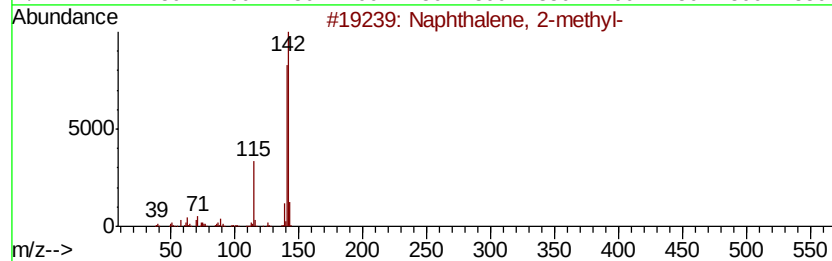
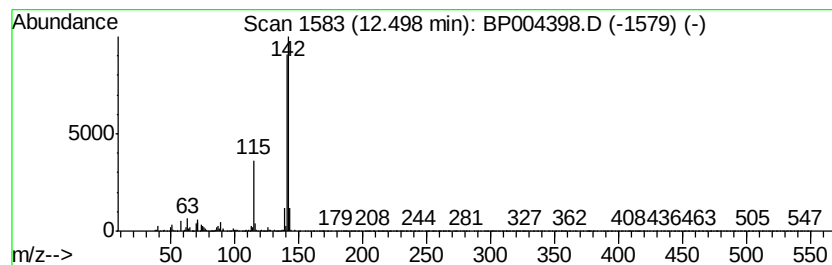
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SOM-EPA-BP121820MA.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 1 Naphthalene, 1-methyl- Concentration Rank 7

| R.T.    | EstConc    | Area                   | Relative to ISTD | R.T.           |
|---------|------------|------------------------|------------------|----------------|
| 12.50   | 2.46 ng/ul | 285523                 | Naphthalene-d8   | 10.62          |
| Hit# of | 5          | Tentative ID           | MW MolForm       | CAS# Qual      |
| 1       |            | 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 91 |
| 5       |            | Naphthalene, 1-methyl- | 142 C11H10       | 000090-12-0 91 |



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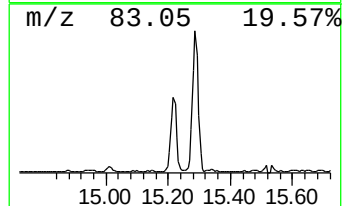
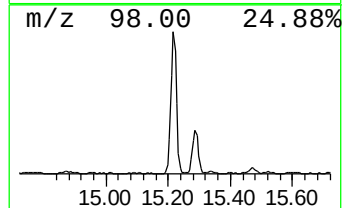
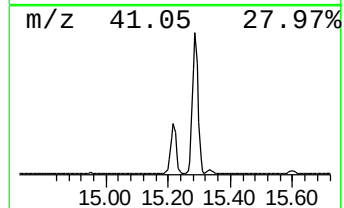
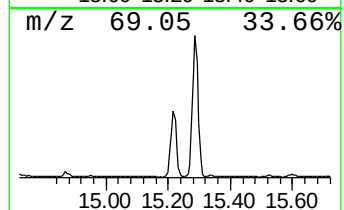
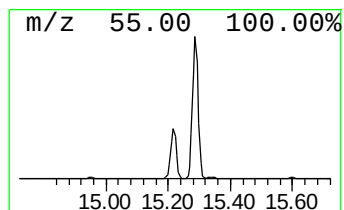
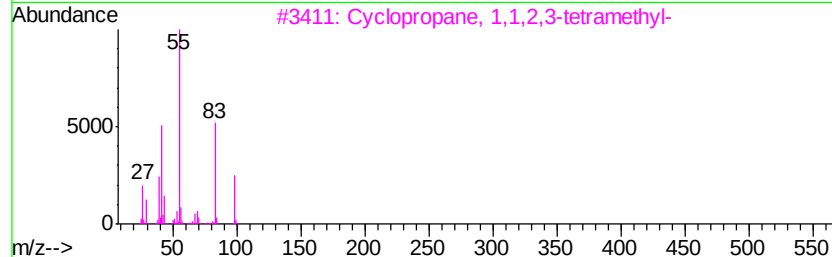
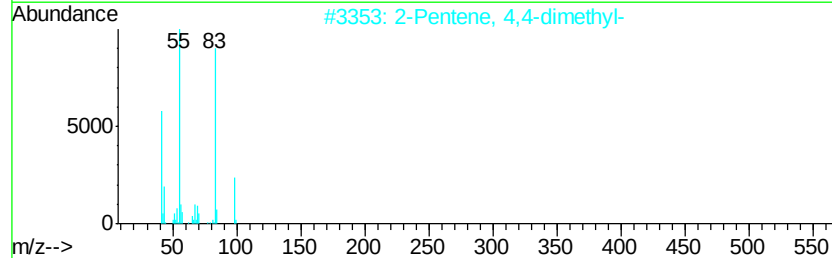
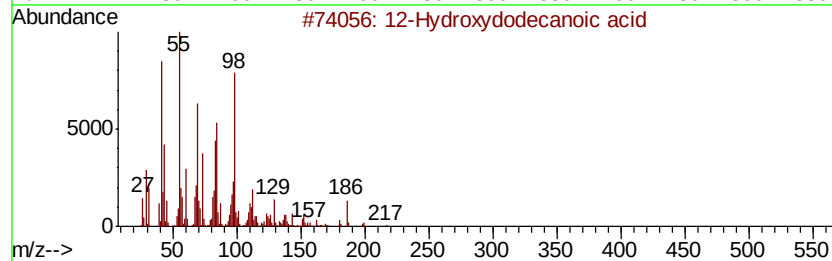
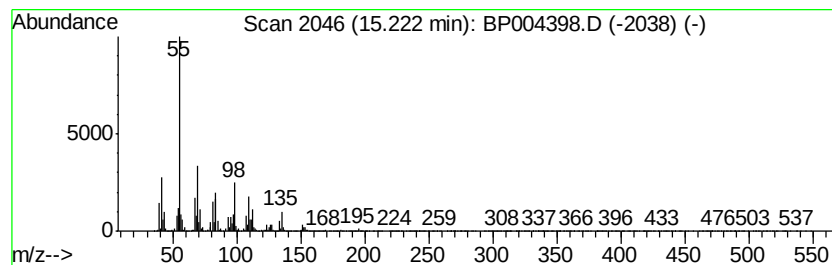
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 2 unknown-01 Concentration Rank 3

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 15.22 | 6.01 ng/ul | 932102 | Acenaphthene-d10 | 14.47 |

| Hit# | of | Tentative ID                       | MW  | MolForm  | CAS#        | Qual |
|------|----|------------------------------------|-----|----------|-------------|------|
| 1    | 5  | 12-Hydroxydodecanoic acid          | 216 | C12H24O3 | 000505-95-3 | 47   |
| 2    |    | 2-Pentene, 4,4-dimethyl-           | 98  | C7H14    | 026232-98-4 | 38   |
| 3    |    | Cyclopropane, 1,1,2,3-tetramethyl- | 98  | C7H14    | 074752-93-5 | 35   |
| 4    |    | 3-Penten-2-one, 3-methyl-          | 98  | C6H10O   | 000565-62-8 | 35   |
| 5    |    | 2-Pentene, 3,4-dimethyl-           | 98  | C7H14    | 024910-63-2 | 35   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121820\  
Data File : BP004398.D  
Acq On : 19 Dec 2020 17:19  
Operator : CG/JU  
Sample : L5151-06  
Misc :  
ALS Vial : 45 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
C0AE8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SOM-EPA-BP121820MA.M  
Quant Title : SVOA CALIBRATION

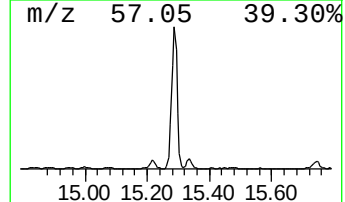
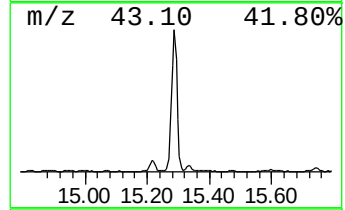
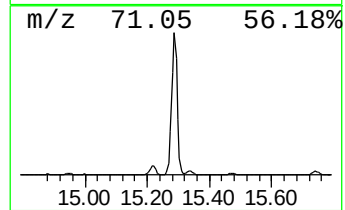
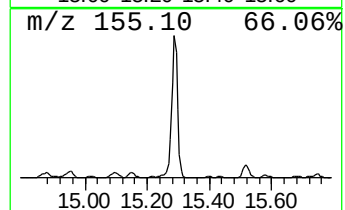
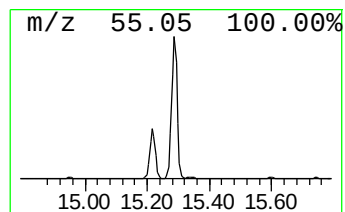
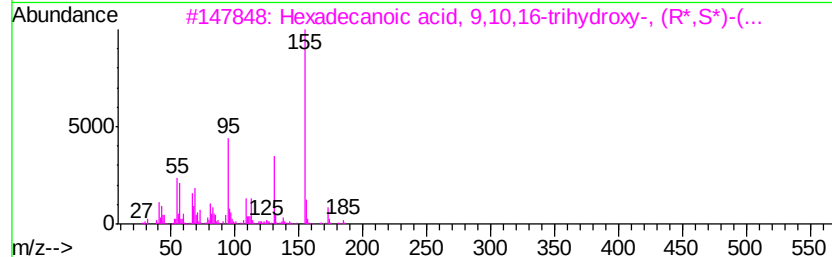
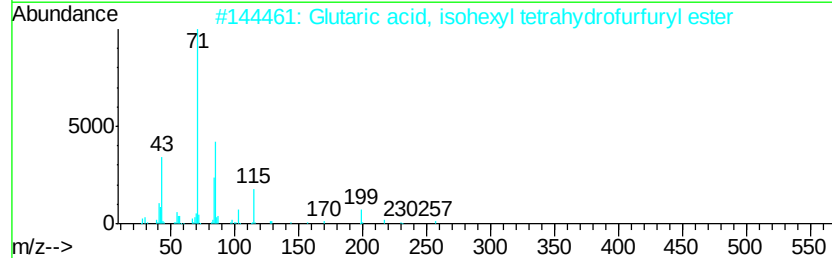
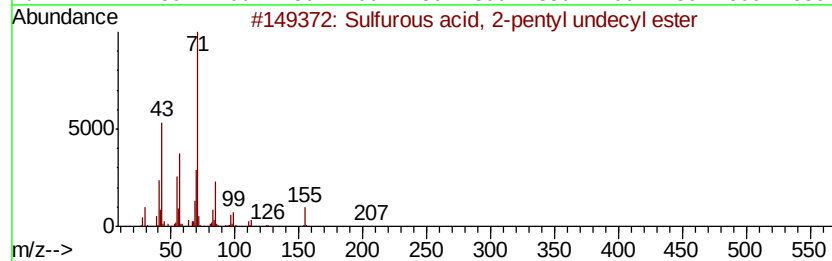
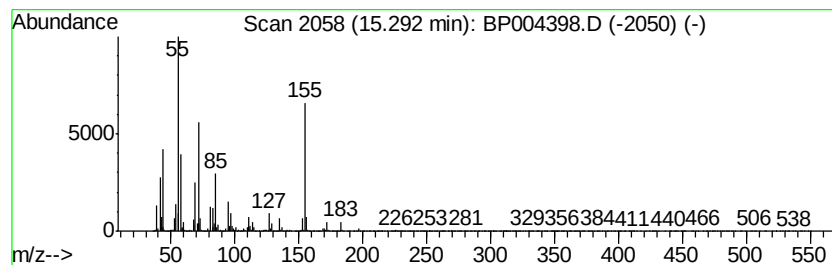
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 3 unknown-02 Concentration Rank 1

| R.T.  | EstConc     | Area    | Relative to ISTD | R.T.  |
|-------|-------------|---------|------------------|-------|
| 15.29 | 20.60 ng/ul | 3195410 | Acenaphthene-d10 | 14.47 |

| Hit# | of | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|-------------------------------------|-----|-----------|--------------|------|
| 1    | 5  | Sulfurous acid, 2-pentyl undecyl... | 306 | C16H34O3S | 1000309-16-0 | 47   |
| 2    |    | Glutaric acid, isohexyl tetrahyd... | 300 | C16H28O5  | 1000359-66-1 | 27   |
| 3    |    | Hexadecanoic acid, 9,10,16-trihv... | 304 | C16H32O5  | 000533-87-9  | 22   |
| 4    |    | Butanal, 4-[(tetrahydro-2H-pyran... | 172 | C9H16O3   | 054911-85-2  | 22   |
| 5    |    | 3,4-Dimethylpent-2-en-1-ol          | 114 | C7H14O    | 1000195-06-9 | 18   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121820\  
Data File : BP004398.D  
Acq On : 19 Dec 2020 17:19  
Operator : CG/JU  
Sample : L5151-06  
Misc :  
ALS Vial : 45 Sample Multiplier: 1

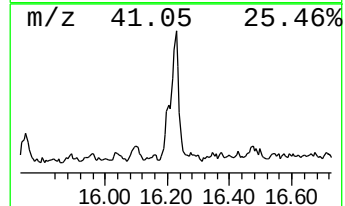
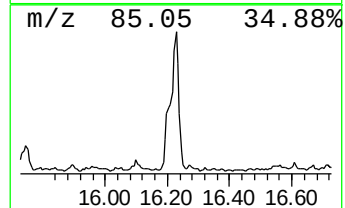
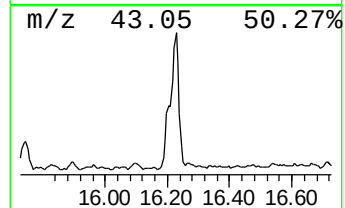
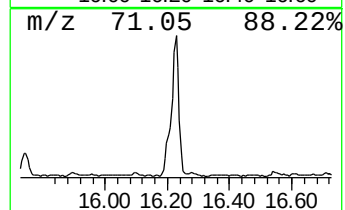
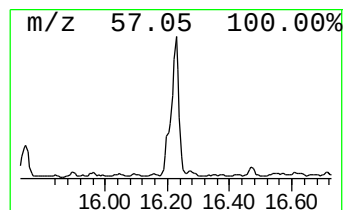
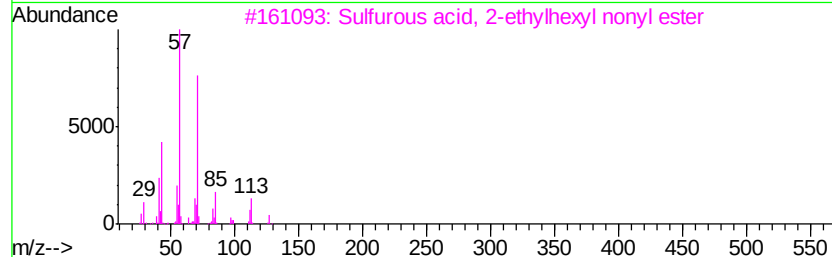
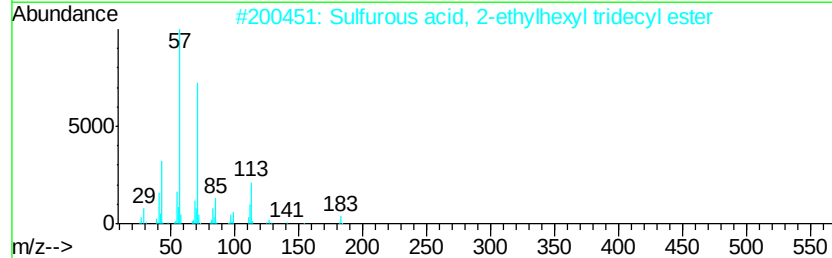
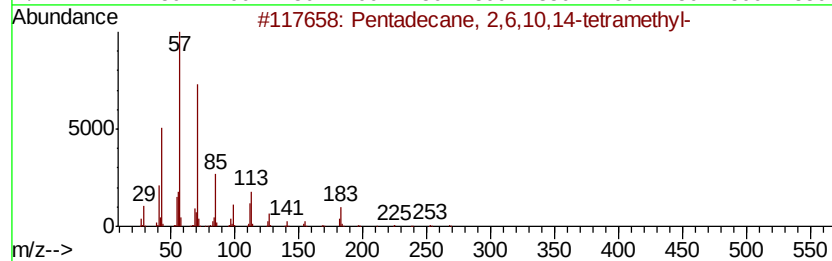
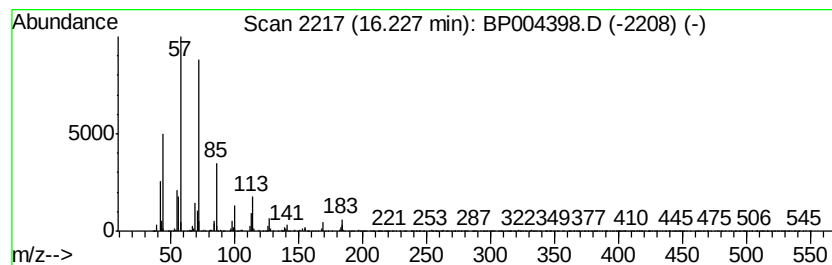
Instrument :  
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ClientSampleId :  
C0AE8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SOM-EPA-BP121820MA.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 8

| R.T.    | EstConc    | Area                                | Relative to ISTD | R.T.      |              |      |
|---------|------------|-------------------------------------|------------------|-----------|--------------|------|
| 16.23   | 2.06 ng/ul | 361660                              | Phenanthrene-d10 | 17.23     |              |      |
| Hit# of | 5          | Tentative ID                        | MW               | MolForm   | CAS#         | Qual |
| 1       |            | Pentadecane, 2,6,10,14-tetramethyl- | 268              | C19H40    | 001921-70-6  | 80   |
| 2       |            | Sulfurous acid, 2-ethylhexyl tri... | 376              | C21H44O3S | 1000309-19-6 | 80   |
| 3       |            | Sulfurous acid, 2-ethylhexyl non... | 320              | C17H36O3S | 1000309-19-2 | 74   |
| 4       |            | Sulfurous acid, dodecyl 2-ethylh... | 362              | C20H42O3S | 1000309-19-5 | 72   |
| 5       |            | Sulfurous acid, decyl 2-ethylhex... | 334              | C18H38O3S | 1000309-19-3 | 72   |





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121820\  
Data File : BP004398.D  
Acq On : 19 Dec 2020 17:19  
Operator : CG/JU  
Sample : L5151-06  
Misc :  
ALS Vial : 45 Sample Multiplier: 1

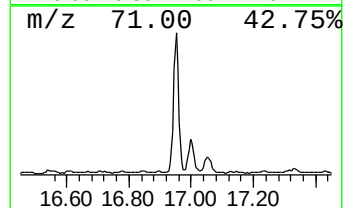
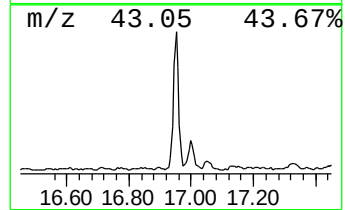
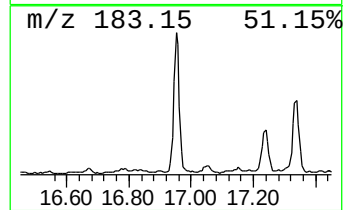
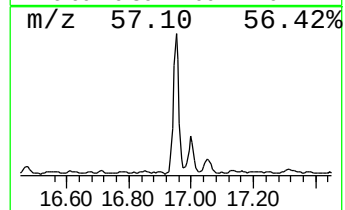
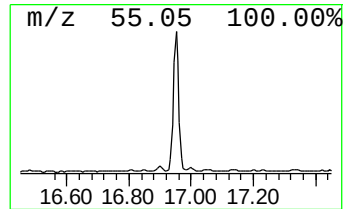
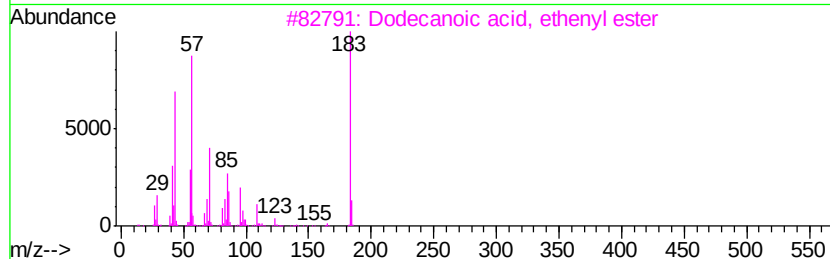
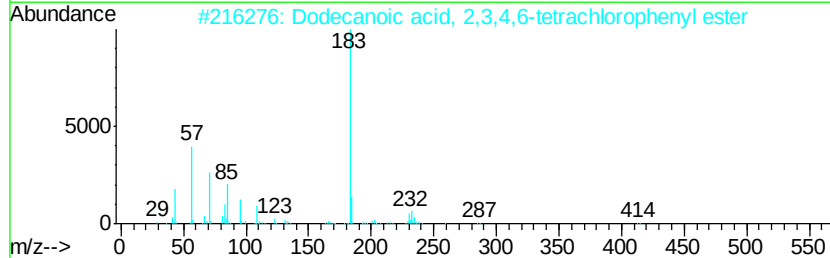
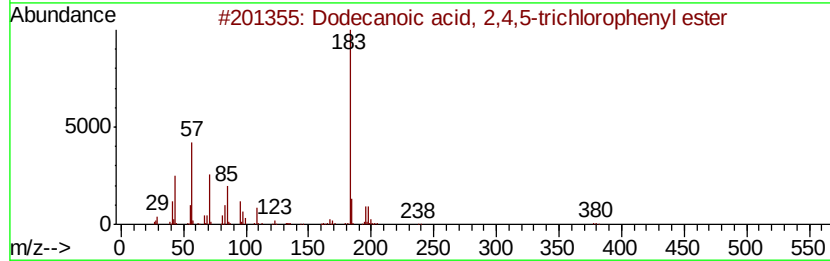
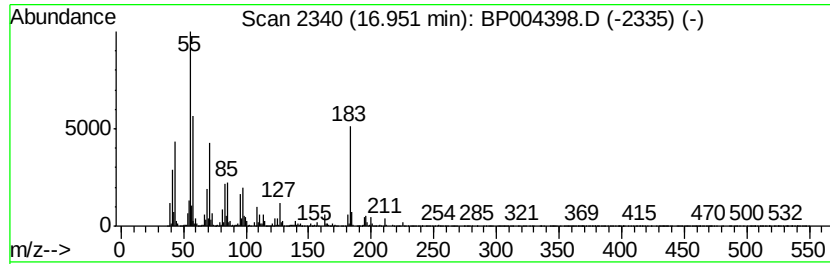
Instrument :  
BNA\_P  
ClientSampleId :  
C0AE8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SOM-EPA-BP121820MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 5 Dodecanoic acid, 2,4,5-tric... Concentration Rank 4

| R.T.    | EstConc                             | Area         | Relative to ISTD |              | R.T.  |      |
|---------|-------------------------------------|--------------|------------------|--------------|-------|------|
| 16.95   | 4.06 ng/ul                          | 714327       | Phenanthrene-d10 |              | 17.23 |      |
| Hit# of | 5                                   | Tentative ID | MW               | MolForm      | CAS#  | Qual |
| 1       | Dodecanoic acid, 2,4,5-trichloro... | 378          | C18H25Cl3O2      | 1000360-54-9 | 64    |      |
| 2       | Dodecanoic acid, 2,3,4,6-tetrach... | 412          | C18H24Cl4O2      | 1000360-55-0 | 53    |      |
| 3       | Dodecanoic acid, ethenvl ester      | 226          | C14H26O2         | 002146-71-6  | 50    |      |
| 4       | Dodecanoic acid, pentafluorophen... | 366          | C18H23F5O2       | 1000360-54-1 | 50    |      |
| 5       | Myristic acid vinyl ester           | 254          | C16H30O2         | 005809-91-6  | 43    |      |



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121820\  
Data File : BP004398.D  
Acq On : 19 Dec 2020 17:19  
Operator : CG/JU  
Sample : L5151-06  
Misc :  
ALS Vial : 45 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
C0AE8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SOM-EPA-BP121820MA.M  
Quant Title : SVOA CALIBRATION

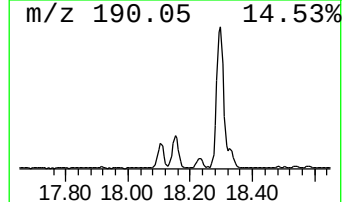
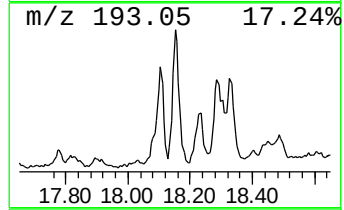
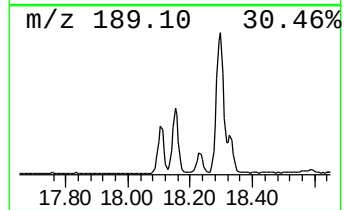
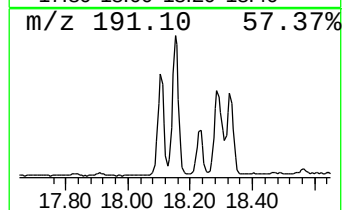
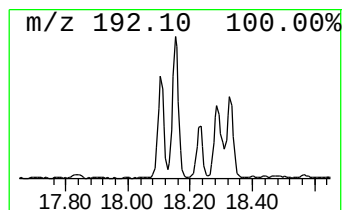
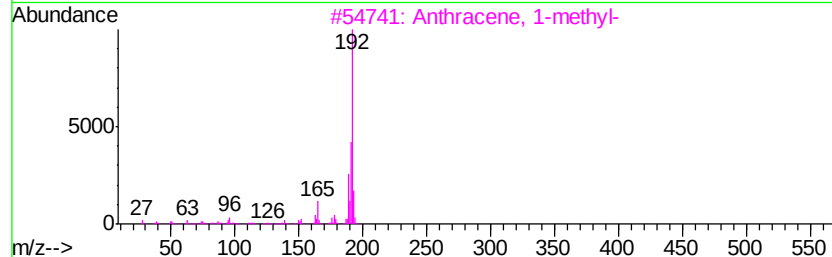
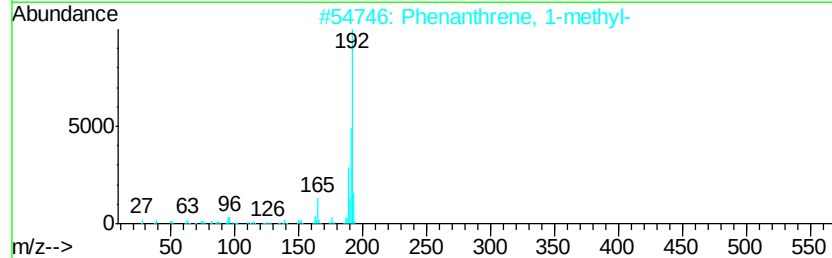
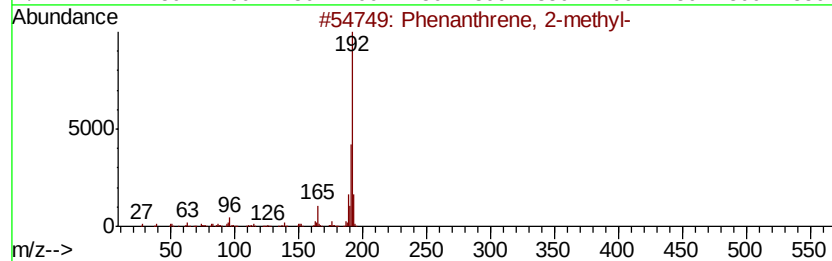
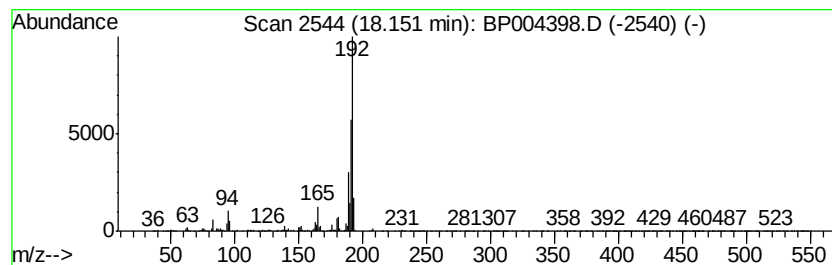
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 6

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 18.15 | 2.57 ng/ul | 452812 | Phenanthrene-d10 | 17.23 |

| Hit# of | 5                       | Tentative ID | MW     | MolForm     | CAS# | Qual |
|---------|-------------------------|--------------|--------|-------------|------|------|
| 1       | Phenanthrene, 2-methyl- | 192          | C15H12 | 002531-84-2 | 93   |      |
| 2       | Phenanthrene, 1-methyl- | 192          | C15H12 | 000832-69-9 | 93   |      |
| 3       | Anthracene, 1-methyl-   | 192          | C15H12 | 000610-48-0 | 93   |      |
| 4       | Anthracene, 2-methyl-   | 192          | C15H12 | 000613-12-7 | 92   |      |
| 5       | Anthracene, 2-methyl-   | 192          | C15H12 | 000613-12-7 | 91   |      |



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121820\  
Data File : BP004398.D  
Acq On : 19 Dec 2020 17:19  
Operator : CG/JU  
Sample : L5151-06  
Misc :  
ALS Vial : 45 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SOM-EPA-BP121820MA.M  
Quant Title : SVOA CALIBRATION

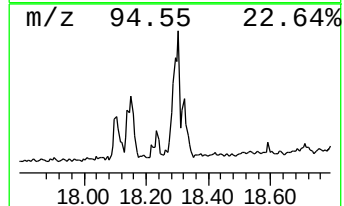
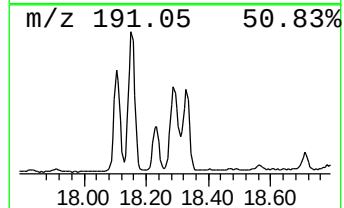
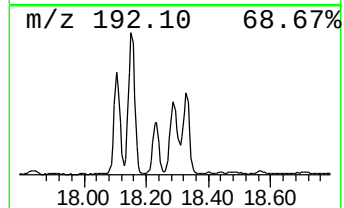
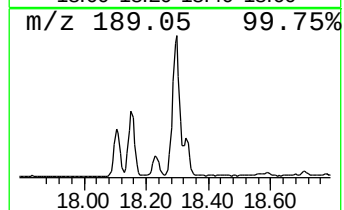
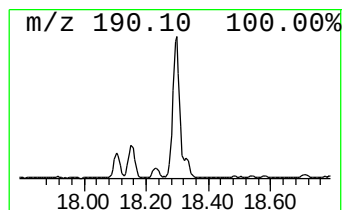
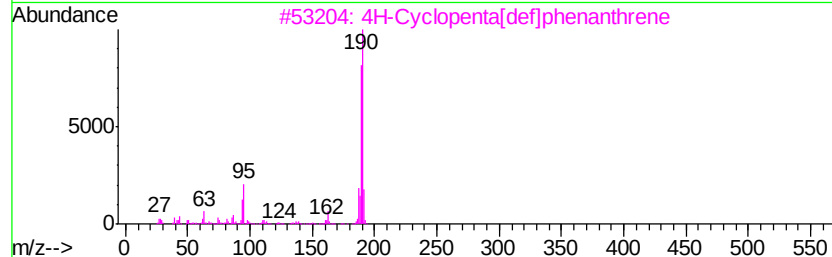
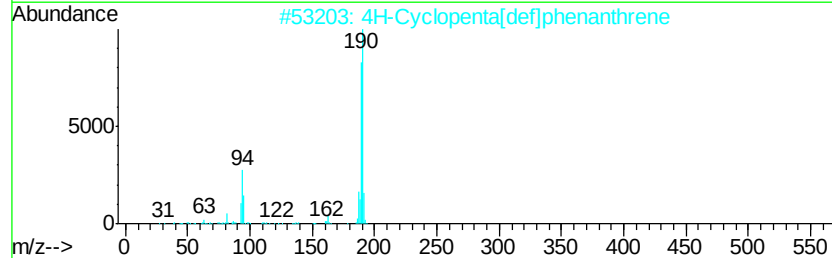
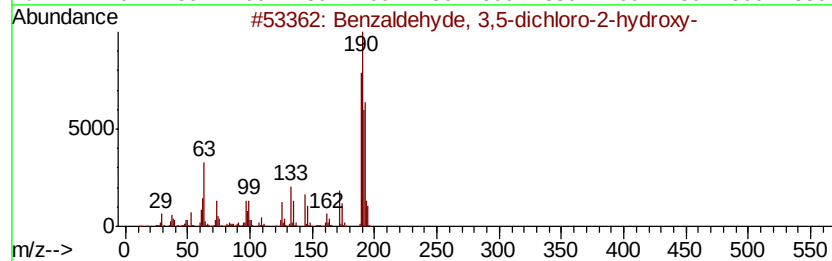
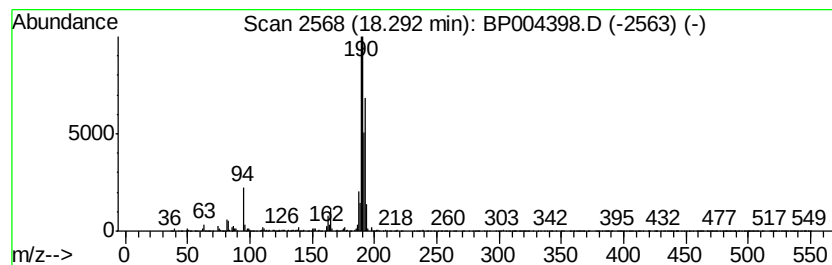
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 7 Benzaldehyde, 3,5-dichloro-... Concentration Rank 5

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 18.29 | 3.11 ng/ul | 546571 | Phenanthrene-d10 | 17.23 |

| Hit# | of | Tentative ID                        | MW  | MolForm   | CAS#        | Qual |
|------|----|-------------------------------------|-----|-----------|-------------|------|
| 1    | 5  | Benzaldehyde, 3,5-dichloro-2-hyd... | 190 | C7H4Cl2O2 | 000090-60-8 | 72   |
| 2    |    | 4H-Cyclopenta[def]phenanthrene      | 190 | C15H10    | 000203-64-5 | 64   |
| 3    |    | 4H-Cyclopenta[def]phenanthrene      | 190 | C15H10    | 000203-64-5 | 53   |
| 4    |    | 2,6-Dichlorobenzaloxime             | 189 | C7H5Cl2NO | 025185-95-9 | 42   |
| 5    |    | 1H-Indene, 2-phenyl-                | 192 | C15H12    | 004505-48-0 | 38   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121820\  
Data File : BP004398.D  
Acq On : 19 Dec 2020 17:19  
Operator : CG/JU  
Sample : L5151-06  
Misc :  
ALS Vial : 45 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
C0AE8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SOM-EPA-BP121820MA.M  
Quant Title : SVOA CALIBRATION

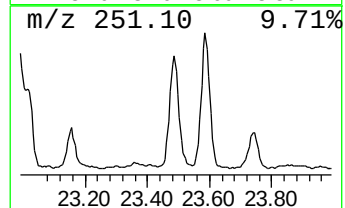
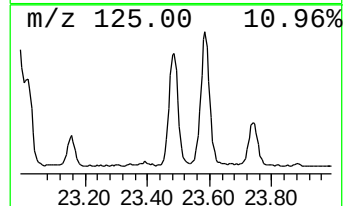
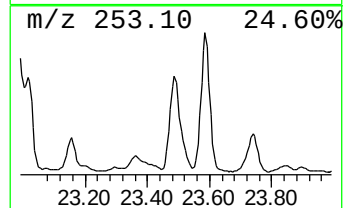
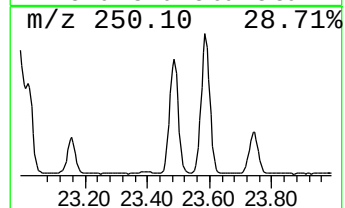
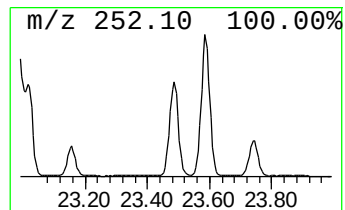
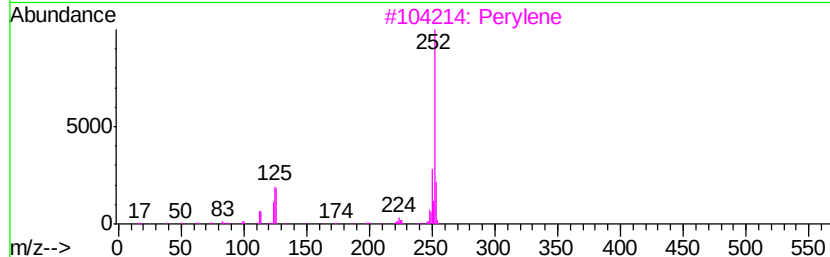
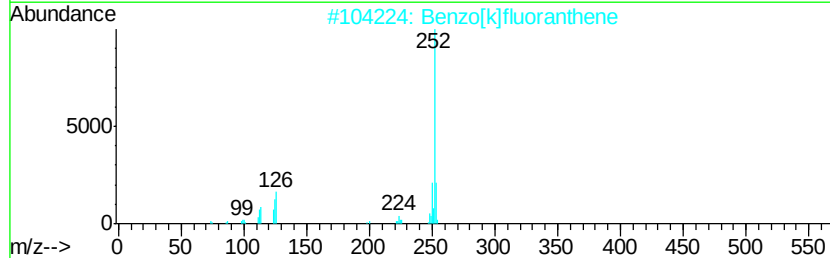
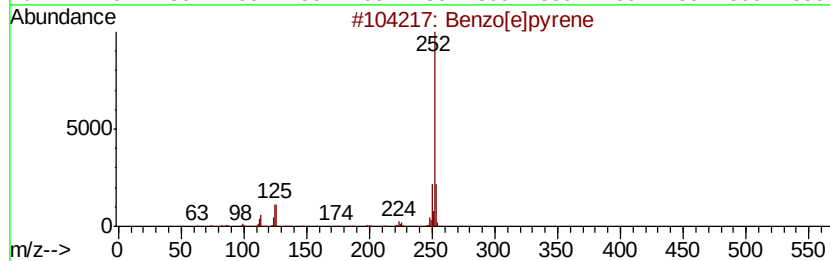
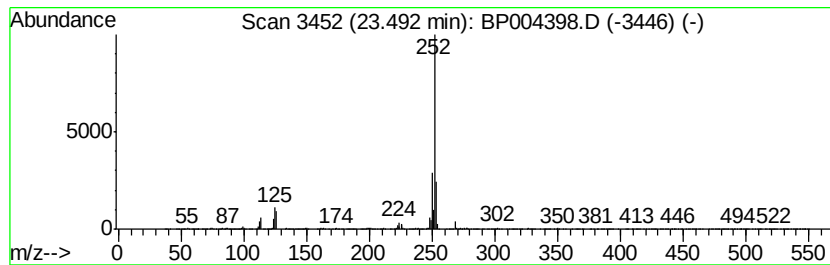
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 8 Benzo[e]pyrene Concentration Rank 2

| R.T.  | EstConc     | Area    | Relative to ISTD | R.T.  |
|-------|-------------|---------|------------------|-------|
| 23.49 | 12.18 ng/ul | 2101510 | Perylene-d12     | 23.69 |

| Hit# | of | Tentative ID         | MW  | MolForm | CAS#        | Qual |
|------|----|----------------------|-----|---------|-------------|------|
| 1    | 5  | Benzo[e]pyrene       | 252 | C20H12  | 000192-97-2 | 99   |
| 2    |    | Benzo[k]fluoranthene | 252 | C20H12  | 000207-08-9 | 97   |
| 3    |    | Perylene             | 252 | C20H12  | 000198-55-0 | 97   |
| 4    |    | Benzo[a]pyrene       | 252 | C20H12  | 000050-32-8 | 96   |
| 5    |    | Perylene             | 252 | C20H12  | 000198-55-0 | 94   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA\_P\DATA\BP121820\  
Data File : BP004398.D  
Acq On : 19 Dec 2020 17:19  
Operator : CG/JU  
Sample : L5151-06  
Misc :  
ALS Vial : 45 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
C0AE8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SOM-EPA-BP121820MA.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 |
| Naphthalene, 1-me... | 12.50 | 2.5     | ng/ul | 285523   | 2                     | 10.62 | 2325380 | 20.0 |
| unknown-01           | 15.22 | 6.0     | ng/ul | 932102   | 3                     | 14.47 | 3102570 | 20.0 |
| unknown-02           | 15.29 | 20.6    | ng/ul | 3195410  | 3                     | 14.47 | 3102570 | 20.0 |
| (DEL) Alkane: Str... | 16.23 | 2.1     | ng/ul | 361660   | 4                     | 17.23 | 3517470 | 20.0 |
| Dodecanoic acid, ... | 16.95 | 4.1     | ng/ul | 714327   | 4                     | 17.23 | 3517470 | 20.0 |
| Phenanthrene, 2-m... | 18.15 | 2.6     | ng/ul | 452812   | 4                     | 17.23 | 3517470 | 20.0 |
| Benzaldehyde, 3,5... | 18.29 | 3.1     | ng/ul | 546571   | 4                     | 17.23 | 3517470 | 20.0 |
| Benzo[e]pyrene       | 23.49 | 12.2    | ng/ul | 2101510  | 6                     | 23.69 | 3450760 | 20.0 |