

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP102824\  
 Data File : BP022690.D  
 Acq On : 28 Oct 2024 21:41  
 Operator : RC/JU  
 Sample : P4530-08  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 F7H32

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\_P\Methods\SFAM-EPA-BP100724.MA.M  
 Title : SVOA CALIBRATION

Signal : TIC: BP022690.D\data.ms

| 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         | 3.187       | 30            | 34          | 41           | rVB      | 10948          | 13565         | 0.77%           | 0.079%        |
| 2         | 3.599       | 100           | 104         | 122          | rBV      | 94955          | 169393        | 9.58%           | 0.989%        |
| 3         | 3.917       | 155           | 158         | 163          | rVB5     | 3723           | 5009          | 0.28%           | 0.029%        |
| 4         | 4.275       | 216           | 219         | 223          | rVB6     | 1629           | 1941          | 0.11%           | 0.011%        |
| 5         | 4.640       | 279           | 281         | 285          | rBV5     | 1376           | 2018          | 0.11%           | 0.012%        |
| 6         | 6.793       | 641           | 647         | 648          | rBV6     | 1349           | 2213          | 0.13%           | 0.013%        |
| 7         | 6.840       | 648           | 655         | 672          | rVV      | 144333         | 282092        | 15.95%          | 1.647%        |
| 8         | 6.987       | 675           | 680         | 692          | rVB      | 114904         | 187046        | 10.58%          | 1.092%        |
| 9         | 7.187       | 707           | 714         | 728          | rBV      | 147148         | 263442        | 14.90%          | 1.539%        |
| 10        | 7.640       | 782           | 791         | 800          | rBV      | 271376         | 453796        | 25.66%          | 2.650%        |
| 11        | 7.722       | 802           | 805         | 813          | rVB8     | 2894           | 6822          | 0.39%           | 0.040%        |
| 12        | 8.352       | 905           | 912         | 925          | rBV      | 197682         | 348820        | 19.72%          | 2.037%        |
| 13        | 8.787       | 977           | 986         | 998          | rBV      | 150079         | 270153        | 15.28%          | 1.578%        |
| 14        | 8.952       | 1011          | 1014        | 1019         | rVB7     | 1839           | 2529          | 0.14%           | 0.015%        |
| 15        | 9.187       | 1048          | 1054        | 1062         | rVB3     | 9880           | 16596         | 0.94%           | 0.097%        |
| 16        | 9.346       | 1076          | 1081        | 1092         | rBV      | 18995          | 32266         | 1.82%           | 0.188%        |
| 17        | 9.499       | 1100          | 1107        | 1120         | rBV      | 131188         | 237471        | 13.43%          | 1.387%        |
| 18        | 9.604       | 1123          | 1125        | 1134         | rVB8     | 1123           | 2134          | 0.12%           | 0.012%        |
| 19        | 10.040      | 1191          | 1199        | 1220         | rBV      | 183580         | 365414        | 20.66%          | 2.134%        |
| 20        | 10.404      | 1251          | 1261        | 1269         | rBV      | 361760         | 607507        | 34.35%          | 3.548%        |
| 21        | 10.546      | 1278          | 1285        | 1304         | rVV      | 165683         | 326248        | 18.45%          | 1.905%        |
| 22        | 10.975      | 1351          | 1358        | 1366         | rBV      | 2695           | 7103          | 0.40%           | 0.041%        |
| 23        | 11.669      | 1471          | 1476        | 1482         | rVB4     | 3702           | 6320          | 0.36%           | 0.037%        |
| 24        | 11.822      | 1498          | 1502        | 1507         | rVB8     | 1426           | 2381          | 0.13%           | 0.014%        |
| 25        | 12.004      | 1528          | 1533        | 1540         | rBV8     | 2854           | 5549          | 0.31%           | 0.032%        |
| 26        | 12.246      | 1569          | 1574        | 1578         | rBV3     | 1716           | 2561          | 0.14%           | 0.015%        |
| 27        | 12.869      | 1676          | 1680        | 1684         | rVB7     | 1554           | 2752          | 0.16%           | 0.016%        |
| 28        | 13.075      | 1711          | 1715        | 1719         | rBV5     | 5689           | 8474          | 0.48%           | 0.049%        |
| 29        | 13.669      | 1807          | 1816        | 1827         | rBV      | 460261         | 679904        | 38.45%          | 3.971%        |
| 30        | 13.740      | 1827          | 1828        | 1831         | rVV3     | 1820           | 1782          | 0.10%           | 0.010%        |
| 31        | 13.951      | 1854          | 1864        | 1876         | rBV      | 445097         | 704148        | 39.82%          | 4.112%        |
| 32        | 14.257      | 1910          | 1916        | 1927         | rBV      | 604963         | 940992        | 53.21%          | 5.495%        |
| 33        | 14.475      | 1950          | 1953        | 1955         | rBV4     | 1207           | 1857          | 0.11%           | 0.011%        |
| 34        | 14.522      | 1955          | 1961        | 1979         | rVV      | 99238          | 235304        | 13.31%          | 1.374%        |
| 35        | 14.704      | 1989          | 1992        | 1999         | rVB8     | 6624           | 11219         | 0.63%           | 0.066%        |
| 36        | 15.269      | 2081          | 2088        | 2098         | rBV      | 709421         | 987946        | 55.86%          | 5.770%        |

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Instrument :  
 BNA\_P  
 ClientSampleId :  
 F7H32

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\_P\Methods\SFAM-EPA-BP100724.MA.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |         |         |
|----|--------|------|------|------|------|---------|---------|---------|---------|
| 37 | 15.416 | 2105 | 2113 | 2126 | rBV2 | 127429  | 245703  | 13.89%  | 1.435%  |
| 38 | 15.528 | 2126 | 2132 | 2135 | rVB7 | 2790    | 5146    | 0.29%   | 0.030%  |
| 39 | 15.645 | 2146 | 2152 | 2159 | rBV  | 254472  | 332118  | 18.78%  | 1.940%  |
| 40 | 16.228 | 2247 | 2251 | 2255 | rBV3 | 8103    | 10768   | 0.61%   | 0.063%  |
| 41 | 16.481 | 2291 | 2294 | 2299 | rBV7 | 2619    | 3881    | 0.22%   | 0.023%  |
| 42 | 16.539 | 2302 | 2304 | 2310 | rVB5 | 2365    | 3179    | 0.18%   | 0.019%  |
| 43 | 16.857 | 2352 | 2358 | 2360 | rBV8 | 1984    | 3420    | 0.19%   | 0.020%  |
| 44 | 17.063 | 2386 | 2393 | 2402 | rVV  | 850846  | 1280129 | 72.39%  | 7.476%  |
| 45 | 17.175 | 2404 | 2412 | 2424 | rVV  | 665157  | 1139194 | 64.42%  | 6.653%  |
| 46 | 17.286 | 2428 | 2431 | 2436 | rVB6 | 8155    | 11349   | 0.64%   | 0.066%  |
| 47 | 17.645 | 2489 | 2492 | 2493 | rBV3 | 2383    | 2204    | 0.12%   | 0.013%  |
| 48 | 17.875 | 2529 | 2531 | 2536 | rVB6 | 2947    | 3683    | 0.21%   | 0.022%  |
| 49 | 17.945 | 2539 | 2543 | 2544 | rBV4 | 1849    | 1998    | 0.11%   | 0.012%  |
| 50 | 17.998 | 2547 | 2552 | 2560 | rBV  | 127164  | 189454  | 10.71%  | 1.106%  |
| 51 | 18.316 | 2599 | 2606 | 2609 | rBV2 | 10690   | 18416   | 1.04%   | 0.108%  |
| 52 | 18.457 | 2626 | 2630 | 2632 | rBV5 | 4551    | 5709    | 0.32%   | 0.033%  |
| 53 | 18.528 | 2640 | 2642 | 2645 | rBV3 | 2747    | 3276    | 0.19%   | 0.019%  |
| 54 | 18.880 | 2697 | 2702 | 2706 | rBV6 | 8279    | 15990   | 0.90%   | 0.093%  |
| 55 | 19.098 | 2736 | 2739 | 2745 | rBV5 | 10008   | 14633   | 0.83%   | 0.085%  |
| 56 | 19.180 | 2749 | 2753 | 2757 | rBV4 | 14649   | 27756   | 1.57%   | 0.162%  |
| 57 | 19.339 | 2775 | 2780 | 2788 | rBV3 | 52449   | 81609   | 4.61%   | 0.477%  |
| 58 | 19.551 | 2810 | 2816 | 2825 | rBV  | 1021630 | 1446900 | 81.82%  | 8.450%  |
| 59 | 21.174 | 3089 | 3092 | 3102 | rBV8 | 34903   | 82597   | 4.67%   | 0.482%  |
| 60 | 21.504 | 3142 | 3148 | 3160 | rVB2 | 871986  | 1613488 | 91.24%  | 9.423%  |
| 61 | 24.533 | 3655 | 3663 | 3676 | rVB  | 683457  | 1617245 | 91.45%  | 9.445%  |
| 62 | 24.763 | 3693 | 3702 | 3716 | rVB  | 592522  | 1768470 | 100.00% | 10.328% |

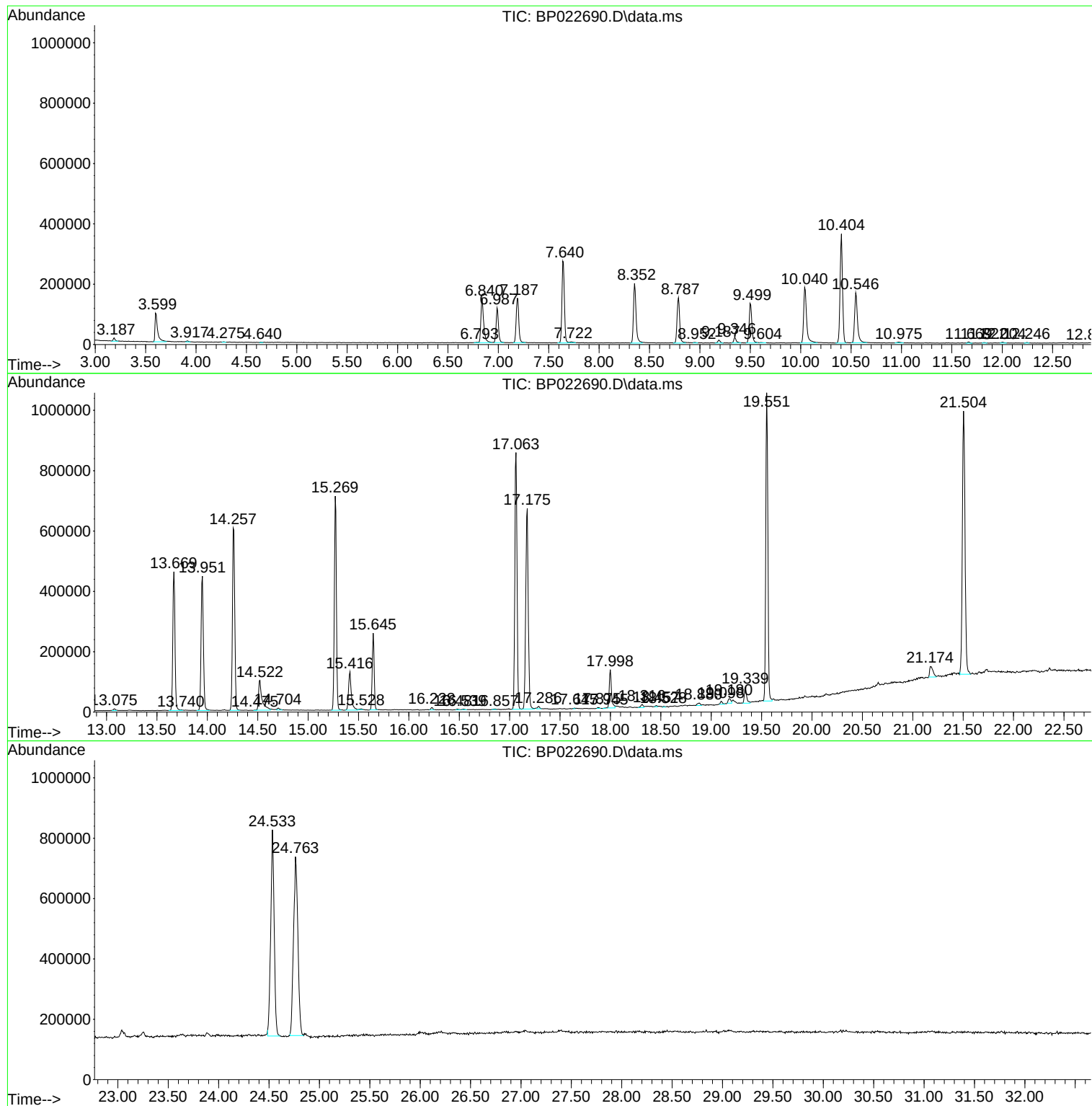
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Instrument :  
BNA\_P  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP100724.MA.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P



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Instrument :  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP100724.MA.M  
Quant Title : SVOA CALIBRATION

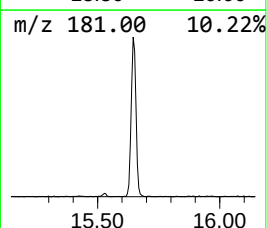
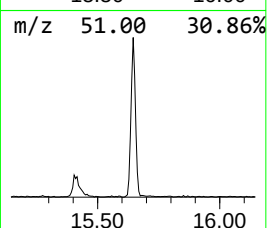
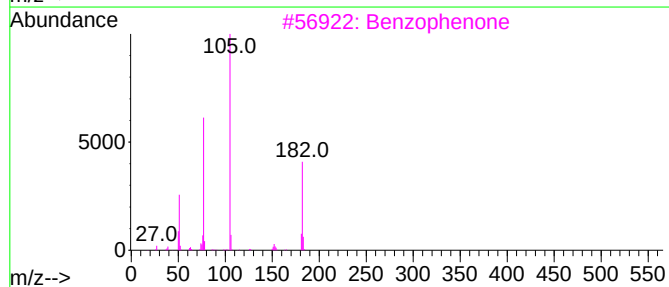
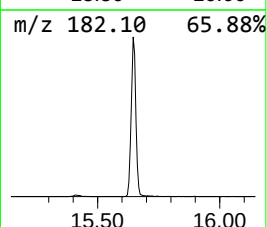
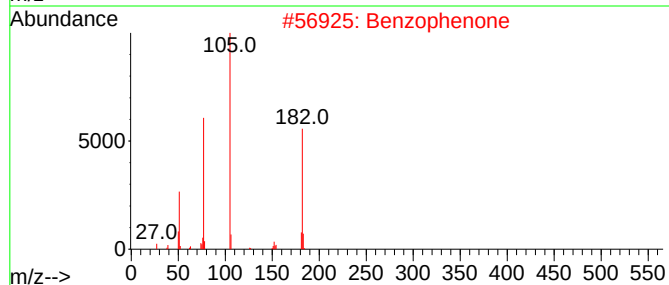
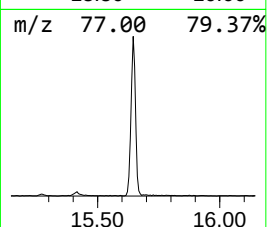
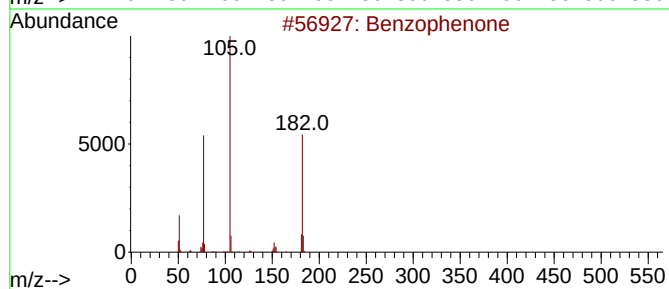
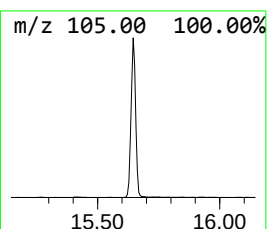
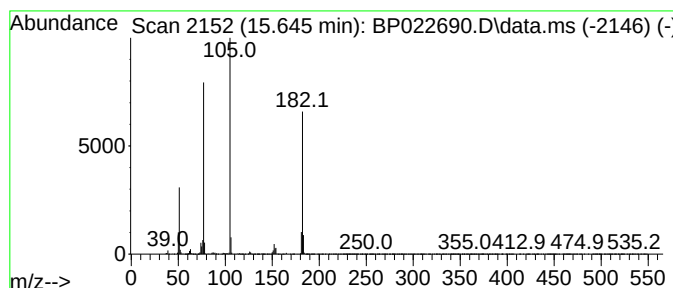
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 Benzophenone Concentration Rank 1

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 15.645 | 7.06 ng/ul | 332118 | Acenaphthene-d10 | 14.257 |

| Hit# | of | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------|-----|---------|-------------|------|
| 1    |    |   | Benzophenone | 182 | C13H10O | 000119-61-9 | 97   |
| 2    |    |   | Benzophenone | 182 | C13H10O | 000119-61-9 | 96   |
| 3    |    |   | Benzophenone | 182 | C13H10O | 000119-61-9 | 94   |
| 4    |    |   | Benzophenone | 182 | C13H10O | 000119-61-9 | 93   |
| 5    |    |   | Benzophenone | 182 | C13H10O | 000119-61-9 | 91   |



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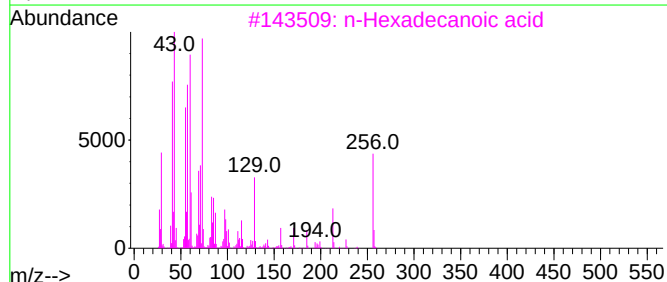
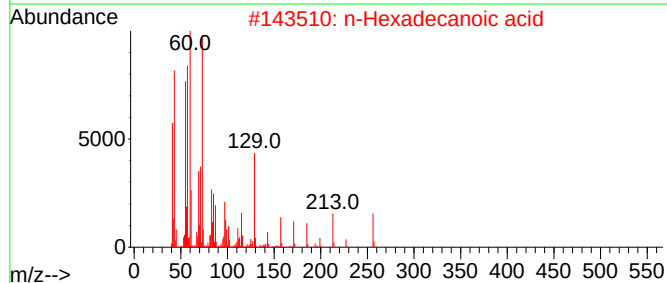
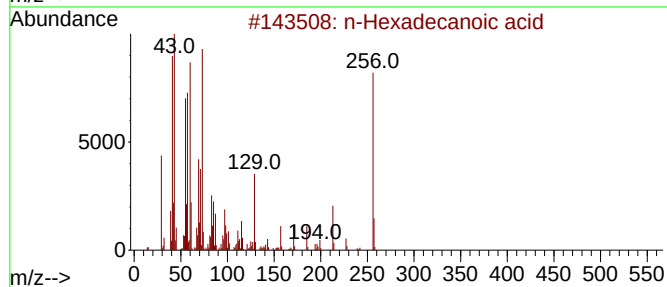
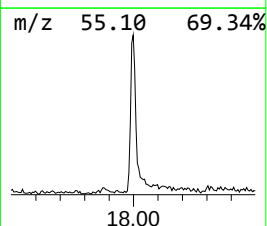
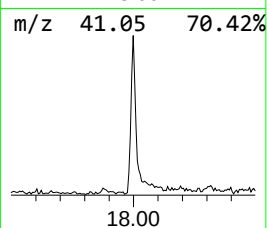
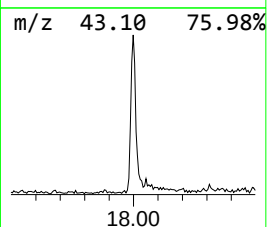
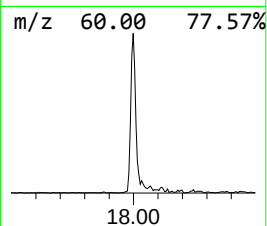
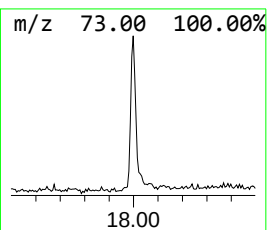
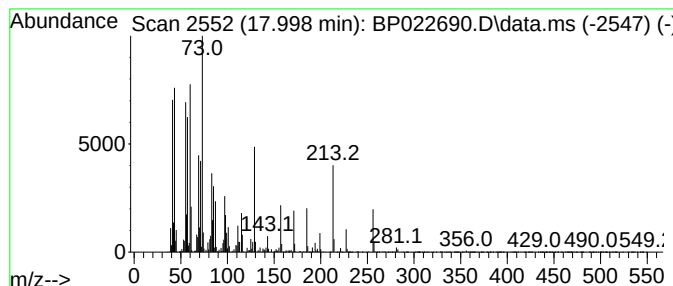
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP100724.MA.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 17.998 | 2.96 ng/ul | 189454 | Phenanthrene-d10 | 17.063 |

| Hit# | of                  | 5   | Tentative ID | MW          | MolForm | CAS# | Qual |
|------|---------------------|-----|--------------|-------------|---------|------|------|
| 1    | n-Hexadecanoic acid | 256 | C16H32O2     | 000057-10-3 | 98      |      |      |
| 2    | n-Hexadecanoic acid | 256 | C16H32O2     | 000057-10-3 | 98      |      |      |
| 3    | n-Hexadecanoic acid | 256 | C16H32O2     | 000057-10-3 | 95      |      |      |
| 4    | n-Hexadecanoic acid | 256 | C16H32O2     | 000057-10-3 | 95      |      |      |
| 5    | Tridecanoic acid    | 214 | C13H26O2     | 000638-53-9 | 60      |      |      |



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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |         |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|---------|------|
|                    |        |         |       |          | #                     | RT     | Resp    | Conc |
| Benzophenone       | 15.645 | 7.1     | ng/ul | 332118   | 3                     | 14.257 | 940992  | 20.0 |
| n-Hexadecanoic ... | 17.998 | 3.0     | ng/ul | 189454   | 4                     | 17.063 | 1280130 | 20.0 |