

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP101924\  
 Data File : BP022478.D  
 Acq On : 19 Oct 2024 16:18  
 Operator : RC/JU  
 Sample : P4346-20  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 EOAY0

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: BP022478.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         | 3.199       | 32            | 36          | 44           | rVB      | 17883          | 23424         | 1.32%           | 0.108%        |
| 2         | 3.540       | 92            | 94          | 100          | rVB7     | 2244           | 3198          | 0.18%           | 0.015%        |
| 3         | 3.611       | 102           | 106         | 125          | rVV      | 206592         | 320775        | 18.10%          | 1.478%        |
| 4         | 3.928       | 156           | 160         | 171          | rVB      | 7006           | 10992         | 0.62%           | 0.051%        |
| 5         | 4.834       | 308           | 314         | 316          | rBV6     | 1836           | 2852          | 0.16%           | 0.013%        |
| 6         | 6.857       | 645           | 658         | 673          | rBV      | 265962         | 465754        | 26.28%          | 2.146%        |
| 7         | 7.010       | 676           | 684         | 696          | rVV      | 223354         | 342846        | 19.35%          | 1.579%        |
| 8         | 7.210       | 710           | 718         | 730          | rBV      | 289627         | 457219        | 25.80%          | 2.106%        |
| 9         | 7.663       | 786           | 795         | 803          | rBV      | 368041         | 627894        | 35.43%          | 2.893%        |
| 10        | 7.734       | 803           | 807         | 814          | rVB4     | 4978           | 9401          | 0.53%           | 0.043%        |
| 11        | 8.193       | 881           | 885         | 890          | rBV7     | 2361           | 3976          | 0.22%           | 0.018%        |
| 12        | 8.363       | 904           | 914         | 931          | rBV      | 337671         | 587611        | 33.16%          | 2.707%        |
| 13        | 8.804       | 982           | 989         | 1004         | rVV      | 275312         | 457567        | 25.82%          | 2.108%        |
| 14        | 8.957       | 1013          | 1015        | 1019         | rBV5     | 1456           | 2234          | 0.13%           | 0.010%        |
| 15        | 9.210       | 1053          | 1058        | 1064         | rVB2     | 18207          | 28057         | 1.58%           | 0.129%        |
| 16        | 9.363       | 1076          | 1084        | 1094         | rBV      | 27900          | 48909         | 2.76%           | 0.225%        |
| 17        | 9.510       | 1102          | 1109        | 1119         | rBV      | 240856         | 403953        | 22.79%          | 1.861%        |
| 18        | 9.834       | 1162          | 1164        | 1171         | rVB7     | 1169           | 1892          | 0.11%           | 0.009%        |
| 19        | 10.057      | 1192          | 1202        | 1214         | rBV      | 365066         | 638949        | 36.05%          | 2.944%        |
| 20        | 10.422      | 1256          | 1264        | 1271         | rBV      | 553005         | 853540        | 48.16%          | 3.932%        |
| 21        | 10.557      | 1278          | 1287        | 1305         | rBV      | 282662         | 557659        | 31.47%          | 2.569%        |
| 22        | 10.904      | 1341          | 1346        | 1349         | rVB6     | 1558           | 2211          | 0.12%           | 0.010%        |
| 23        | 10.969      | 1352          | 1357        | 1363         | rBV9     | 4243           | 7391          | 0.42%           | 0.034%        |
| 24        | 11.240      | 1399          | 1403        | 1404         | rBV4     | 1261           | 1785          | 0.10%           | 0.008%        |
| 25        | 11.440      | 1433          | 1437        | 1438         | rBV3     | 3205           | 3613          | 0.20%           | 0.017%        |
| 26        | 11.604      | 1459          | 1465        | 1472         | rVB10    | 1274           | 2820          | 0.16%           | 0.013%        |
| 27        | 11.693      | 1474          | 1480        | 1487         | rBV7     | 4648           | 8562          | 0.48%           | 0.039%        |
| 28        | 11.834      | 1498          | 1504        | 1510         | rBV8     | 4509           | 9419          | 0.53%           | 0.043%        |
| 29        | 12.010      | 1527          | 1534        | 1540         | rBV2     | 7711           | 14488         | 0.82%           | 0.067%        |
| 30        | 12.075      | 1542          | 1545        | 1551         | rVB8     | 1768           | 3315          | 0.19%           | 0.015%        |
| 31        | 12.304      | 1579          | 1584        | 1586         | rBV6     | 1423           | 2107          | 0.12%           | 0.010%        |
| 32        | 12.481      | 1612          | 1614        | 1617         | rVB3     | 1913           | 2081          | 0.12%           | 0.010%        |
| 33        | 12.751      | 1656          | 1660        | 1664         | rBV6     | 1601           | 2839          | 0.16%           | 0.013%        |
| 34        | 12.804      | 1664          | 1669        | 1673         | rVV2     | 5791           | 7474          | 0.42%           | 0.034%        |
| 35        | 13.104      | 1711          | 1720        | 1725         | rVV3     | 9192           | 17554         | 0.99%           | 0.081%        |
| 36        | 13.422      | 1772          | 1774        | 1776         | rBV3     | 1698           | 1794          | 0.10%           | 0.008%        |

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Sample : P4346-20  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
EOAY0

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

|    |        |      |      |      |      |        |         |        |        |
|----|--------|------|------|------|------|--------|---------|--------|--------|
| 37 | 13.451 | 1776 | 1779 | 1782 | rVV5 | 1716   | 2356    | 0.13%  | 0.011% |
| 38 | 13.492 | 1783 | 1786 | 1790 | rVV6 | 1154   | 1985    | 0.11%  | 0.009% |
| 39 | 13.592 | 1801 | 1803 | 1807 | rVB4 | 2650   | 3956    | 0.22%  | 0.018% |
| 40 | 13.687 | 1812 | 1819 | 1830 | rVV  | 568096 | 931853  | 52.58% | 4.293% |
| 41 | 13.763 | 1830 | 1832 | 1836 | rVV4 | 6817   | 8393    | 0.47%  | 0.039% |
| 42 | 13.804 | 1836 | 1839 | 1844 | rVB6 | 2597   | 3643    | 0.21%  | 0.017% |
| 43 | 13.969 | 1857 | 1867 | 1879 | rBV2 | 694698 | 1086090 | 61.28% | 5.004% |
| 44 | 14.116 | 1888 | 1892 | 1898 | rVB8 | 2197   | 4800    | 0.27%  | 0.022% |
| 45 | 14.181 | 1900 | 1903 | 1907 | rVV5 | 3329   | 3924    | 0.22%  | 0.018% |
| 46 | 14.275 | 1910 | 1919 | 1926 | rBV  | 861782 | 1179778 | 66.57% | 5.435% |
| 47 | 14.339 | 1926 | 1930 | 1935 | rVB  | 16296  | 24110   | 1.36%  | 0.111% |
| 48 | 14.404 | 1938 | 1941 | 1944 | rBV5 | 1364   | 2154    | 0.12%  | 0.010% |
| 49 | 14.510 | 1953 | 1959 | 1971 | rBV  | 125169 | 227842  | 12.86% | 1.050% |
| 50 | 14.675 | 1984 | 1987 | 1989 | rBV4 | 2897   | 3890    | 0.22%  | 0.018% |
| 51 | 14.710 | 1991 | 1993 | 2000 | rVB6 | 6780   | 10107   | 0.57%  | 0.047% |
| 52 | 14.775 | 2000 | 2004 | 2006 | rVB5 | 1652   | 1852    | 0.10%  | 0.009% |
| 53 | 14.816 | 2008 | 2011 | 2014 | rBV5 | 2208   | 2380    | 0.13%  | 0.011% |
| 54 | 15.075 | 2051 | 2055 | 2057 | rBV5 | 2979   | 4456    | 0.25%  | 0.021% |
| 55 | 15.286 | 2084 | 2091 | 2097 | rBV  | 885123 | 1281031 | 72.28% | 5.902% |
| 56 | 15.339 | 2097 | 2100 | 2106 | rVB  | 20341  | 29318   | 1.65%  | 0.135% |
| 57 | 15.428 | 2108 | 2115 | 2126 | rBV  | 113960 | 217814  | 12.29% | 1.003% |
| 58 | 15.551 | 2133 | 2136 | 2141 | rVB4 | 9169   | 15346   | 0.87%  | 0.071% |
| 59 | 15.645 | 2146 | 2152 | 2163 | rVB  | 223436 | 324700  | 18.32% | 1.496% |
| 60 | 15.786 | 2169 | 2176 | 2177 | rBV7 | 5484   | 9817    | 0.55%  | 0.045% |
| 61 | 16.057 | 2217 | 2222 | 2225 | rVB2 | 10366  | 15925   | 0.90%  | 0.073% |
| 62 | 16.233 | 2250 | 2252 | 2255 | rVB4 | 4787   | 4482    | 0.25%  | 0.021% |
| 63 | 16.298 | 2260 | 2263 | 2266 | rBV5 | 2459   | 2915    | 0.16%  | 0.013% |
| 64 | 16.610 | 2313 | 2316 | 2319 | rBV5 | 3011   | 3682    | 0.21%  | 0.017% |
| 65 | 16.722 | 2332 | 2335 | 2341 | rBV7 | 5473   | 10335   | 0.58%  | 0.048% |
| 66 | 16.892 | 2361 | 2364 | 2372 | rVB4 | 19665  | 29141   | 1.64%  | 0.134% |
| 67 | 17.075 | 2387 | 2395 | 2400 | rBV  | 801602 | 1252384 | 70.67% | 5.770% |
| 68 | 17.122 | 2400 | 2403 | 2407 | rVV  | 96905  | 128222  | 7.24%  | 0.591% |
| 69 | 17.180 | 2407 | 2413 | 2425 | rVV  | 819902 | 1247007 | 70.36% | 5.745% |
| 70 | 17.280 | 2427 | 2430 | 2435 | rVB3 | 14219  | 22759   | 1.28%  | 0.105% |
| 71 | 17.516 | 2467 | 2470 | 2474 | rBV6 | 5467   | 8674    | 0.49%  | 0.040% |
| 72 | 17.810 | 2518 | 2520 | 2523 | rBV4 | 4471   | 5152    | 0.29%  | 0.024% |
| 73 | 18.004 | 2547 | 2553 | 2563 | rBV3 | 103498 | 200591  | 11.32% | 0.924% |
| 74 | 18.186 | 2578 | 2584 | 2588 | rBV3 | 25042  | 50279   | 2.84%  | 0.232% |
| 75 | 19.198 | 2751 | 2756 | 2763 | rVB  | 251471 | 364042  | 20.54% | 1.677% |
| 76 | 19.333 | 2776 | 2779 | 2782 | rBV4 | 40418  | 52424   | 2.96%  | 0.242% |

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Sample : P4346-20  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
EOAY0

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

|    |        |      |      |      |      |        |         |         |        |
|----|--------|------|------|------|------|--------|---------|---------|--------|
| 77 | 19.545 | 2810 | 2815 | 2820 | rBV  | 920837 | 1516043 | 85.55%  | 6.984% |
| 78 | 20.104 | 2907 | 2910 | 2914 | rVB  | 52686  | 62709   | 3.54%   | 0.289% |
| 79 | 20.204 | 2924 | 2927 | 2931 | rBV  | 51379  | 68017   | 3.84%   | 0.313% |
| 80 | 21.504 | 3141 | 3148 | 3154 | rBV3 | 904617 | 1644153 | 92.77%  | 7.575% |
| 81 | 23.733 | 3521 | 3527 | 3533 | rBV  | 137415 | 352565  | 19.89%  | 1.624% |
| 82 | 24.527 | 3656 | 3662 | 3670 | rBV  | 708428 | 1574784 | 88.86%  | 7.255% |
| 83 | 24.757 | 3693 | 3701 | 3712 | rBV  | 650067 | 1772205 | 100.00% | 8.164% |

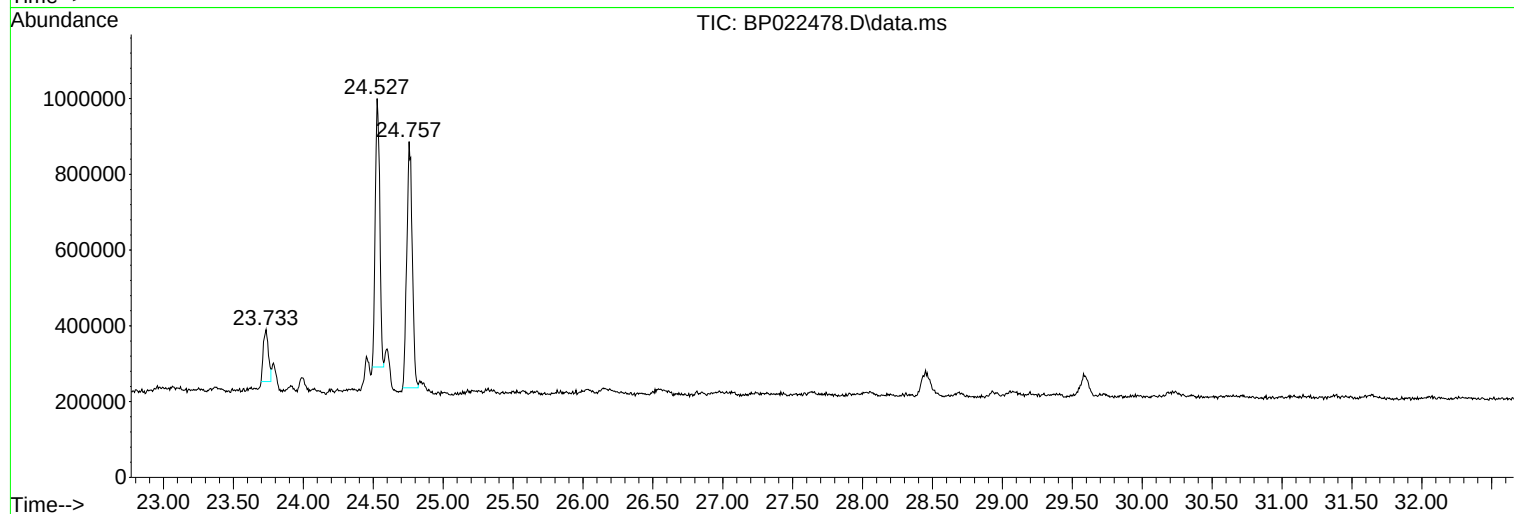
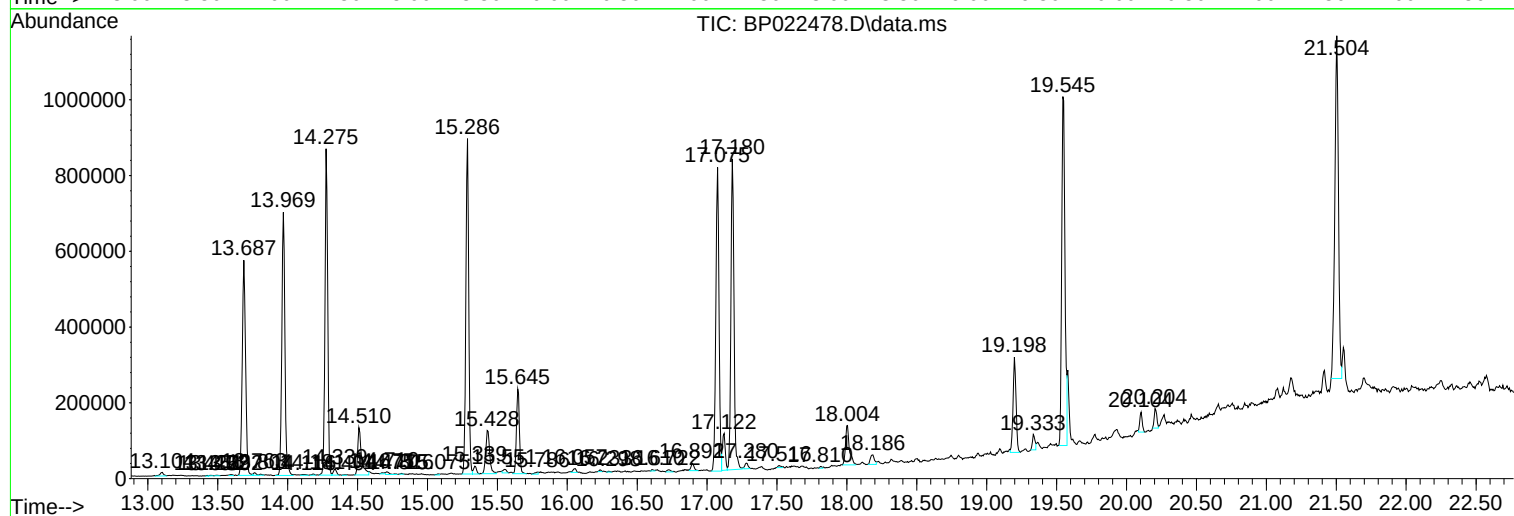
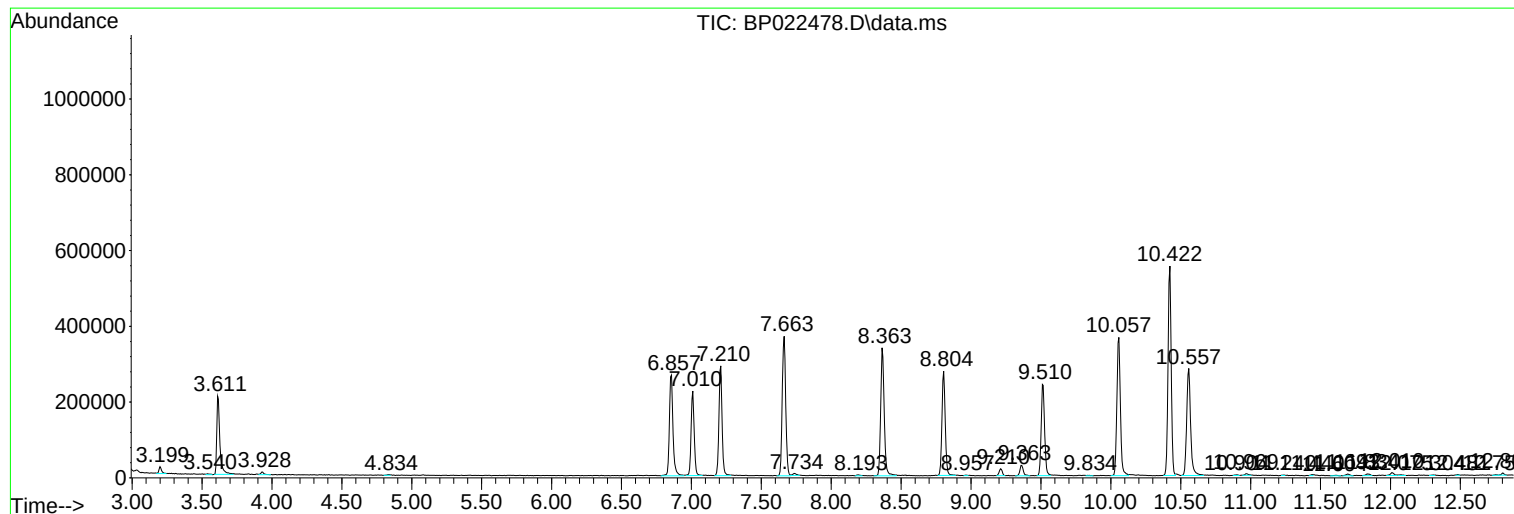
Sum of corrected areas: 21706240

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Data File : BP022478.D  
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Instrument :  
BNA\_P  
ClientSampleId :  
EOAY0

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



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP101924\  
Data File : BP022478.D  
Acq On : 19 Oct 2024 16:18  
Operator : RC/JU  
Sample : P4346-20  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
EOAY0

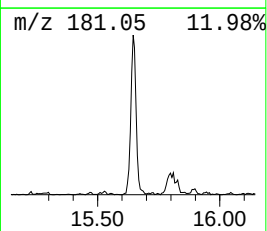
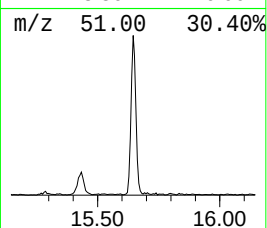
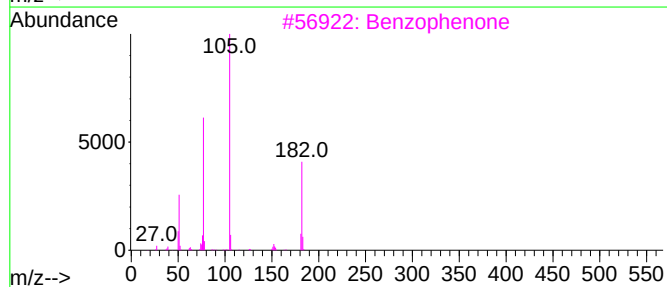
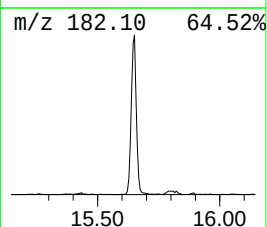
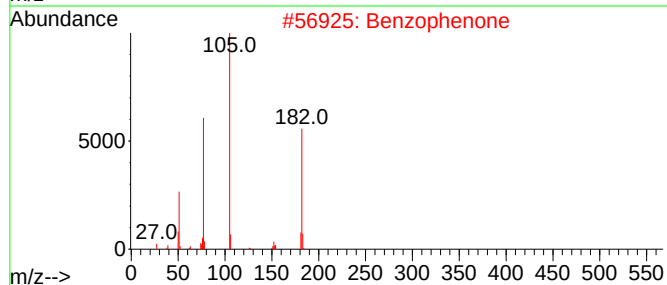
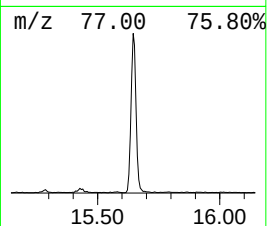
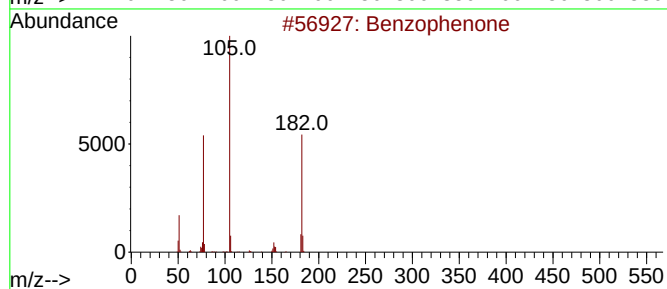
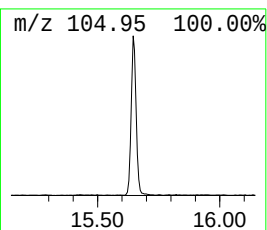
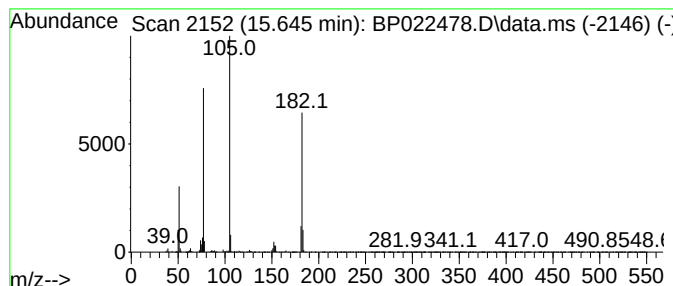
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP100724.MA.M  
Quant Title : SVOA CALIBRATION

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 | 5.50 ng/ul | 324700 | Acenaphthene-d10 | 14.275 |

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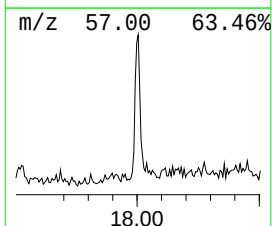
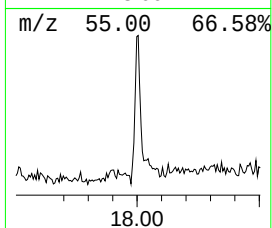
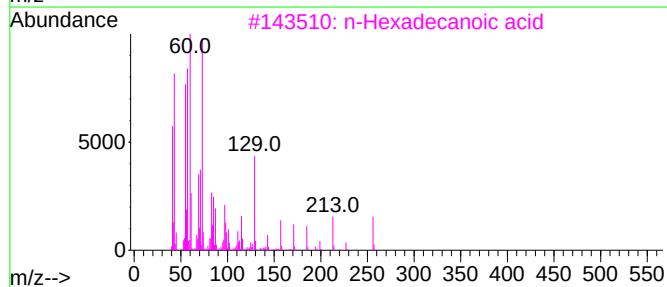
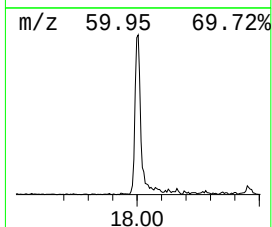
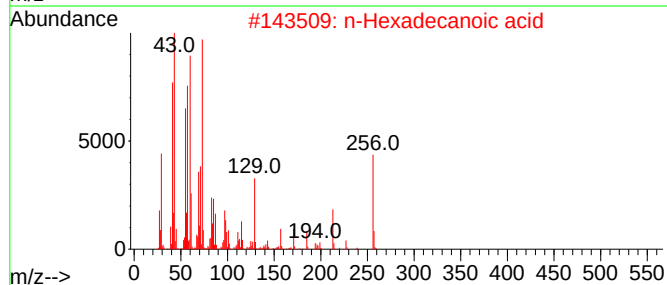
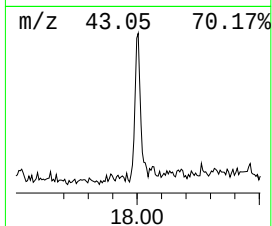
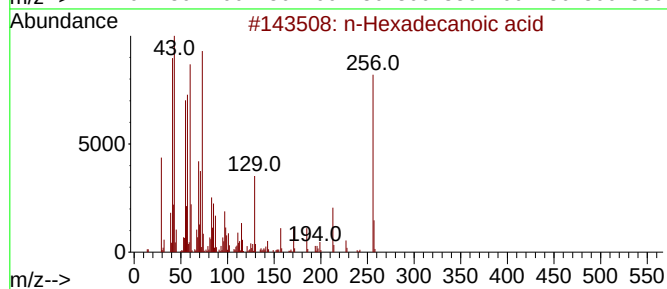
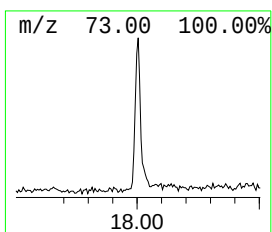
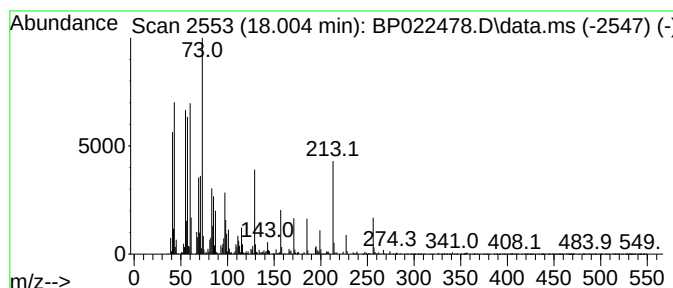
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP100724.MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 18.004 | 3.20 ng/ul | 200591 | Phenanthrene-d10 | 17.075 |

| Hit# | of                  | 5   | Tentative ID | MW          | MolForm | CAS# | Qual |
|------|---------------------|-----|--------------|-------------|---------|------|------|
| 1    | n-Hexadecanoic acid | 256 | C16H32O2     | 000057-10-3 | 97      |      |      |
| 2    | n-Hexadecanoic acid | 256 | C16H32O2     | 000057-10-3 | 95      |      |      |
| 3    | n-Hexadecanoic acid | 256 | C16H32O2     | 000057-10-3 | 94      |      |      |
| 4    | Tridecanoic acid    | 214 | C13H26O2     | 000638-53-9 | 83      |      |      |
| 5    | Tridecanoic acid    | 214 | C13H26O2     | 000638-53-9 | 64      |      |      |



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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

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |         |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|---------|------|
|                    |        |         |       |          | #                     | RT     | Resp    | Conc |
| Benzophenone       | 15.645 | 5.5     | ng/ul | 324700   | 3                     | 14.275 | 1179780 | 20.0 |
| n-Hexadecanoic ... | 18.004 | 3.2     | ng/ul | 200591   | 4                     | 17.075 | 1252380 | 20.0 |