

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP110424\  
 Data File : BP022890.D  
 Acq On : 06 Nov 2024 12:28  
 Operator : RC/JU  
 Sample : P4581-13  
 Misc :  
 ALS Vial : 37 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 A4ED3

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: BP022890.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         | 3.176       | 28            | 32          | 39           | rVB      | 14700          | 20468         | 0.85%           | 0.071%        |
| 2         | 3.587       | 98            | 102         | 117          | rBV      | 151583         | 262080        | 10.92%          | 0.908%        |
| 3         | 3.899       | 150           | 155         | 162          | rVB2     | 10305          | 15352         | 0.64%           | 0.053%        |
| 4         | 4.393       | 235           | 239         | 243          | rBV2     | 7654           | 9969          | 0.42%           | 0.035%        |
| 5         | 6.822       | 646           | 652         | 669          | rVV      | 246869         | 425912        | 17.75%          | 1.476%        |
| 6         | 6.969       | 671           | 677         | 692          | rVB      | 169114         | 277748        | 11.58%          | 0.962%        |
| 7         | 7.169       | 703           | 711         | 725          | rBV      | 242165         | 411645        | 17.16%          | 1.426%        |
| 8         | 7.622       | 779           | 788         | 800          | rBV      | 343226         | 559132        | 23.31%          | 1.937%        |
| 9         | 8.328       | 901           | 908         | 925          | rBV      | 278438         | 550861        | 22.96%          | 1.908%        |
| 10        | 8.763       | 976           | 982         | 994          | rBV      | 253220         | 414336        | 17.27%          | 1.435%        |
| 11        | 8.916       | 1005          | 1008        | 1015         | rVB8     | 2765           | 6212          | 0.26%           | 0.022%        |
| 12        | 9.158       | 1044          | 1049        | 1055         | rBV3     | 7235           | 10750         | 0.45%           | 0.037%        |
| 13        | 9.322       | 1072          | 1077        | 1083         | rBV2     | 10620          | 19154         | 0.80%           | 0.066%        |
| 14        | 9.475       | 1097          | 1103        | 1115         | rBV      | 203952         | 363550        | 15.15%          | 1.259%        |
| 15        | 10.022      | 1188          | 1196        | 1216         | rBV      | 298879         | 600345        | 25.03%          | 2.080%        |
| 16        | 10.375      | 1249          | 1256        | 1271         | rVB      | 452934         | 770477        | 32.12%          | 2.669%        |
| 17        | 10.522      | 1274          | 1281        | 1297         | rBV      | 257050         | 492694        | 20.54%          | 1.707%        |
| 18        | 10.940      | 1346          | 1352        | 1359         | rBV9     | 5122           | 10810         | 0.45%           | 0.037%        |
| 19        | 11.205      | 1388          | 1397        | 1404         | rBV9     | 3022           | 7273          | 0.30%           | 0.025%        |
| 20        | 11.634      | 1465          | 1470        | 1476         | rBV6     | 5041           | 9370          | 0.39%           | 0.032%        |
| 21        | 11.975      | 1521          | 1528        | 1534         | rBV5     | 5734           | 9308          | 0.39%           | 0.032%        |
| 22        | 12.269      | 1573          | 1578        | 1583         | rVB7     | 3329           | 6824          | 0.28%           | 0.024%        |
| 23        | 13.057      | 1707          | 1712        | 1718         | rVV9     | 3230           | 8782          | 0.37%           | 0.030%        |
| 24        | 13.557      | 1790          | 1797        | 1803         | rBV4     | 6991           | 16461         | 0.69%           | 0.057%        |
| 25        | 13.657      | 1807          | 1814        | 1824         | rVB      | 553638         | 867625        | 36.17%          | 3.006%        |
| 26        | 13.793      | 1832          | 1837        | 1847         | rVB9     | 5883           | 15295         | 0.64%           | 0.053%        |
| 27        | 13.940      | 1850          | 1862        | 1874         | rBV      | 626737         | 1056674       | 44.05%          | 3.661%        |
| 28        | 14.140      | 1889          | 1896        | 1901         | rBV10    | 3819           | 7948          | 0.33%           | 0.028%        |
| 29        | 14.246      | 1901          | 1914        | 1920         | rBV      | 773765         | 1159071       | 48.32%          | 4.015%        |
| 30        | 14.310      | 1920          | 1925        | 1933         | rVB      | 36439          | 56226         | 2.34%           | 0.195%        |
| 31        | 14.498      | 1952          | 1957        | 1964         | rBV2     | 114043         | 262476        | 10.94%          | 0.909%        |
| 32        | 14.663      | 1981          | 1985        | 1996         | rVV7     | 11744          | 28621         | 1.19%           | 0.099%        |
| 33        | 14.746      | 1996          | 1999        | 2002         | rVB4     | 6342           | 7304          | 0.30%           | 0.025%        |
| 34        | 14.869      | 2016          | 2020        | 2026         | rBV6     | 5467           | 10175         | 0.42%           | 0.035%        |
| 35        | 14.928      | 2026          | 2030        | 2036         | rVB6     | 3709           | 7718          | 0.32%           | 0.027%        |
| 36        | 15.057      | 2045          | 2052        | 2055         | rBV8     | 7059           | 15285         | 0.64%           | 0.053%        |

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 Sample : P4581-13  
 Misc :  
 ALS Vial : 37 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 A4ED3

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 | 15.251 | 2078 | 2085 | 2091 | rVV   | 903462  | 1379687 | 57.51% | 4.780% |
| 38 | 15.310 | 2091 | 2095 | 2103 | rVB2  | 32904   | 57137   | 2.38%  | 0.198% |
| 39 | 15.422 | 2108 | 2114 | 2121 | rBV   | 101289  | 168042  | 7.00%  | 0.582% |
| 40 | 15.481 | 2121 | 2124 | 2129 | rVV3  | 16336   | 26051   | 1.09%  | 0.090% |
| 41 | 15.528 | 2129 | 2132 | 2136 | rVB6  | 6092    | 7008    | 0.29%  | 0.024% |
| 42 | 15.622 | 2142 | 2148 | 2157 | rVB   | 260667  | 424182  | 17.68% | 1.470% |
| 43 | 15.775 | 2170 | 2174 | 2181 | rVB3  | 10118   | 21101   | 0.88%  | 0.073% |
| 44 | 15.834 | 2181 | 2184 | 2187 | rBV5  | 4779    | 6302    | 0.26%  | 0.022% |
| 45 | 15.998 | 2208 | 2212 | 2213 | rBV4  | 5591    | 7102    | 0.30%  | 0.025% |
| 46 | 16.140 | 2231 | 2236 | 2241 | rBV4  | 12290   | 24895   | 1.04%  | 0.086% |
| 47 | 16.204 | 2241 | 2247 | 2253 | rBV   | 21625   | 30975   | 1.29%  | 0.107% |
| 48 | 16.334 | 2264 | 2269 | 2275 | rVB7  | 11281   | 24464   | 1.02%  | 0.085% |
| 49 | 16.398 | 2276 | 2280 | 2283 | rBV5  | 7887    | 12939   | 0.54%  | 0.045% |
| 50 | 16.451 | 2286 | 2289 | 2291 | rBV4  | 7083    | 8848    | 0.37%  | 0.031% |
| 51 | 16.545 | 2302 | 2305 | 2307 | rBV4  | 7330    | 8504    | 0.35%  | 0.029% |
| 52 | 16.575 | 2307 | 2310 | 2313 | rVV5  | 8758    | 12038   | 0.50%  | 0.042% |
| 53 | 16.710 | 2329 | 2333 | 2338 | rVB8  | 6565    | 10289   | 0.43%  | 0.036% |
| 54 | 16.804 | 2341 | 2349 | 2357 | rBV6  | 38916   | 86801   | 3.62%  | 0.301% |
| 55 | 16.869 | 2357 | 2360 | 2366 | rVB   | 19104   | 27714   | 1.16%  | 0.096% |
| 56 | 16.928 | 2366 | 2370 | 2373 | rBV3  | 21874   | 27108   | 1.13%  | 0.094% |
| 57 | 16.963 | 2373 | 2376 | 2381 | rVB6  | 15792   | 24209   | 1.01%  | 0.084% |
| 58 | 17.051 | 2383 | 2391 | 2396 | rBV   | 924710  | 1539884 | 64.19% | 5.335% |
| 59 | 17.098 | 2396 | 2399 | 2404 | rVB   | 373788  | 509621  | 21.24% | 1.766% |
| 60 | 17.157 | 2404 | 2409 | 2414 | rBV   | 1078257 | 1516688 | 63.22% | 5.254% |
| 61 | 17.239 | 2419 | 2423 | 2425 | rVV3  | 24037   | 36233   | 1.51%  | 0.126% |
| 62 | 17.269 | 2425 | 2428 | 2436 | rVB   | 25554   | 44156   | 1.84%  | 0.153% |
| 63 | 17.487 | 2462 | 2465 | 2468 | rVB2  | 14083   | 15373   | 0.64%  | 0.053% |
| 64 | 17.528 | 2469 | 2472 | 2475 | rVB4  | 15356   | 16526   | 0.69%  | 0.057% |
| 65 | 17.669 | 2490 | 2496 | 2505 | rVB5  | 39810   | 91857   | 3.83%  | 0.318% |
| 66 | 17.804 | 2514 | 2519 | 2525 | rVB10 | 13998   | 28314   | 1.18%  | 0.098% |
| 67 | 17.863 | 2525 | 2529 | 2534 | rBV8  | 12430   | 24036   | 1.00%  | 0.083% |
| 68 | 17.992 | 2537 | 2551 | 2560 | rBV2  | 289315  | 762775  | 31.80% | 2.643% |
| 69 | 18.092 | 2564 | 2568 | 2573 | rVV   | 45293   | 76511   | 3.19%  | 0.265% |
| 70 | 18.163 | 2574 | 2580 | 2585 | rVV3  | 119305  | 249687  | 10.41% | 0.865% |
| 71 | 18.204 | 2585 | 2587 | 2596 | rVB4  | 44409   | 87876   | 3.66%  | 0.304% |
| 72 | 18.292 | 2596 | 2602 | 2605 | rBV7  | 26475   | 50665   | 2.11%  | 0.176% |
| 73 | 18.334 | 2607 | 2609 | 2613 | rVV5  | 19497   | 27665   | 1.15%  | 0.096% |
| 74 | 18.375 | 2614 | 2616 | 2623 | rVV7  | 20817   | 38485   | 1.60%  | 0.133% |
| 75 | 18.451 | 2625 | 2629 | 2631 | rVV4  | 34760   | 54621   | 2.28%  | 0.189% |
| 76 | 18.475 | 2631 | 2633 | 2640 | rVB   | 35098   | 58185   | 2.43%  | 0.202% |

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 ALS Vial : 37 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 A4ED3

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  | 18.645 | 2660 | 2662 | 2665 | rVB4 | 20121   | 18562   | 0.77%   | 0.064% |
| 78  | 18.686 | 2666 | 2669 | 2671 | rVV4 | 19961   | 23472   | 0.98%   | 0.081% |
| 79  | 18.739 | 2675 | 2678 | 2681 | rVV4 | 36771   | 54817   | 2.29%   | 0.190% |
| 80  | 18.775 | 2681 | 2684 | 2689 | rVB3 | 40373   | 67817   | 2.83%   | 0.235% |
| 81  | 18.910 | 2704 | 2707 | 2712 | rBV3 | 35879   | 60754   | 2.53%   | 0.210% |
| 82  | 19.022 | 2723 | 2726 | 2728 | rVB3 | 21062   | 22258   | 0.93%   | 0.077% |
| 83  | 19.186 | 2749 | 2754 | 2760 | rBV  | 772938  | 1028925 | 42.89%  | 3.565% |
| 84  | 19.322 | 2773 | 2777 | 2787 | rVB6 | 70185   | 135384  | 5.64%   | 0.469% |
| 85  | 19.445 | 2796 | 2798 | 2802 | rBV2 | 20552   | 21148   | 0.88%   | 0.073% |
| 86  | 19.539 | 2808 | 2814 | 2817 | rBV  | 1505376 | 2212963 | 92.25%  | 7.667% |
| 87  | 19.569 | 2817 | 2819 | 2824 | rVB  | 570939  | 701173  | 29.23%  | 2.429% |
| 88  | 19.904 | 2873 | 2876 | 2878 | rBV3 | 42720   | 56395   | 2.35%   | 0.195% |
| 89  | 20.010 | 2892 | 2894 | 2898 | rVB  | 41599   | 41573   | 1.73%   | 0.144% |
| 90  | 20.098 | 2905 | 2909 | 2913 | rVB  | 106155  | 141756  | 5.91%   | 0.491% |
| 91  | 20.198 | 2922 | 2926 | 2930 | rBV  | 127602  | 166932  | 6.96%   | 0.578% |
| 92  | 20.410 | 2960 | 2962 | 2966 | rVB  | 46322   | 41731   | 1.74%   | 0.145% |
| 93  | 21.180 | 3089 | 3093 | 3100 | rVB6 | 119048  | 271971  | 11.34%  | 0.942% |
| 94  | 21.498 | 3140 | 3147 | 3152 | rBV3 | 1325775 | 2398947 | 100.00% | 8.311% |
| 95  | 21.545 | 3152 | 3155 | 3161 | rVB  | 276223  | 390156  | 16.26%  | 1.352% |
| 96  | 21.698 | 3177 | 3181 | 3190 | rBV2 | 95405   | 209911  | 8.75%   | 0.727% |
| 97  | 23.722 | 3520 | 3525 | 3535 | rBV  | 159016  | 496339  | 20.69%  | 1.719% |
| 98  | 24.439 | 3643 | 3647 | 3653 | rBV  | 77902   | 164271  | 6.85%   | 0.569% |
| 99  | 24.527 | 3654 | 3662 | 3669 | rVV  | 707513  | 1788658 | 74.56%  | 6.197% |
| 100 | 24.757 | 3692 | 3701 | 3710 | rBV  | 732794  | 1950929 | 81.32%  | 6.759% |

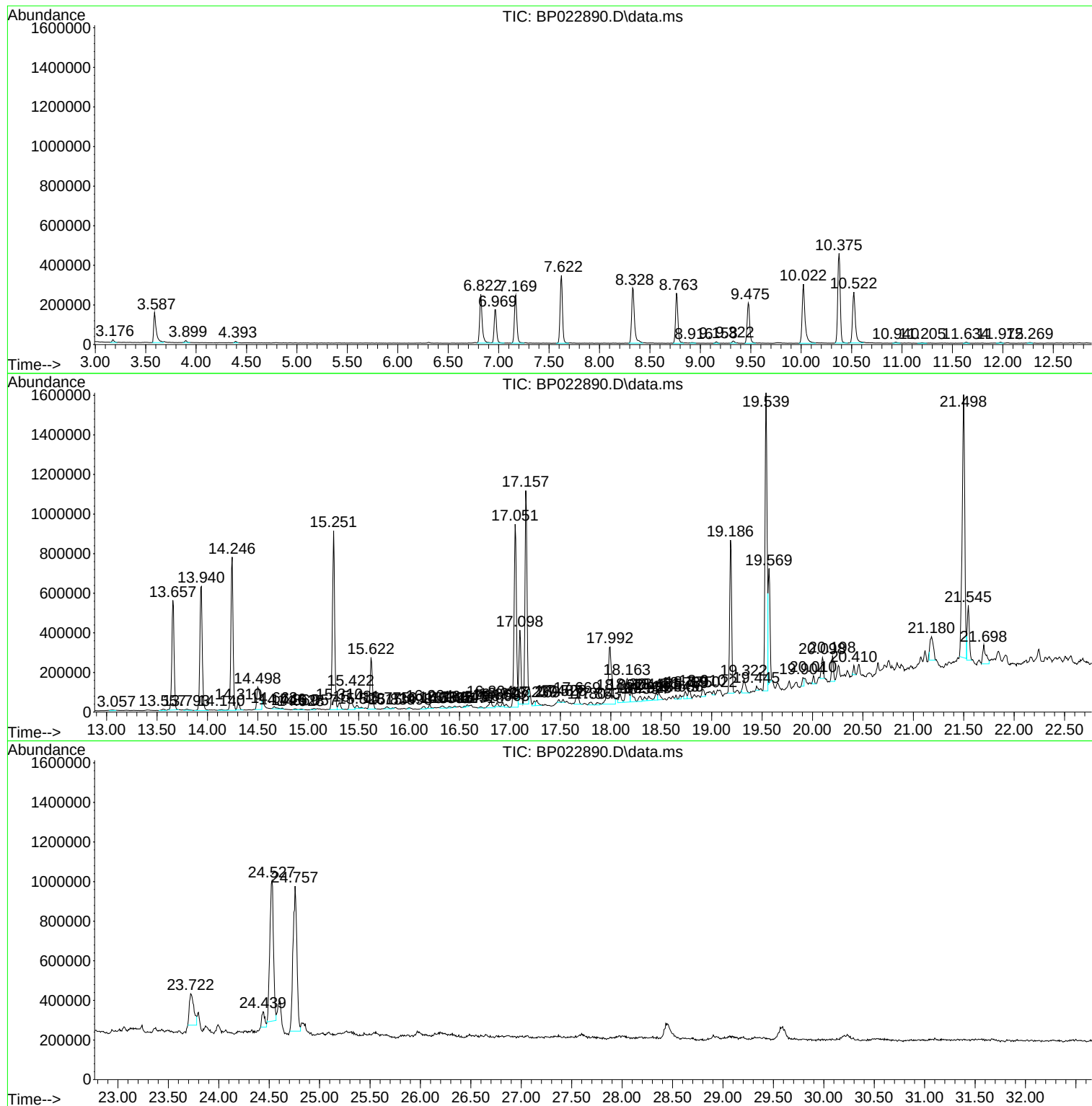
Sum of corrected areas: 28865327

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Sample : P4581-13  
Misc :  
ALS Vial : 37 Sample Multiplier: 1

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



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP110424\  
Data File : BP022890.D  
Acq On : 06 Nov 2024 12:28  
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ALS Vial : 37 Sample Multiplier: 1

Instrument :  
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A4ED3

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

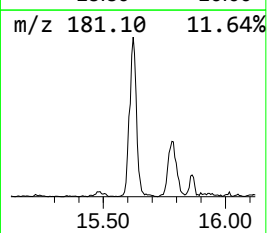
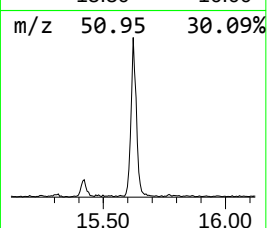
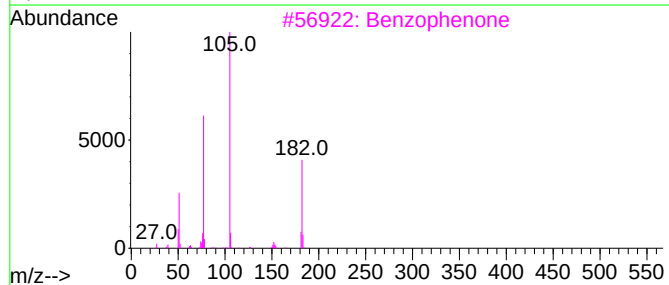
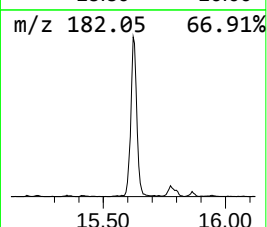
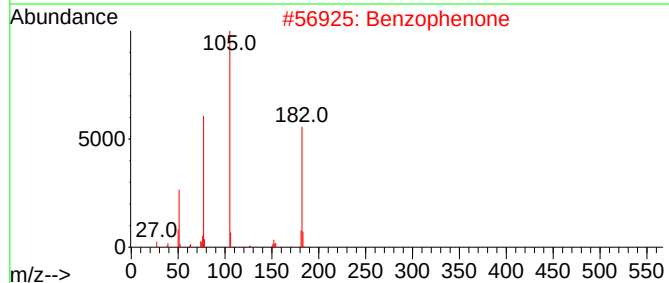
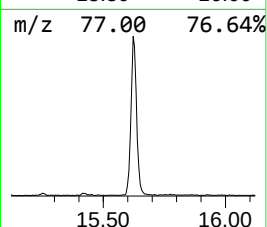
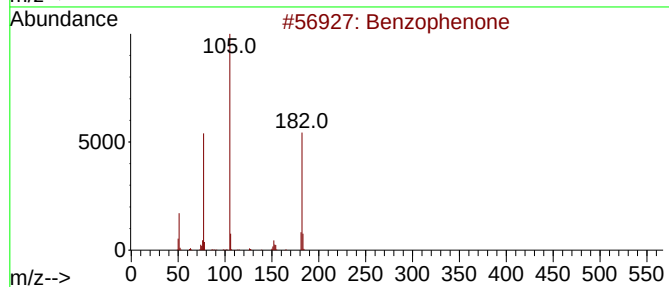
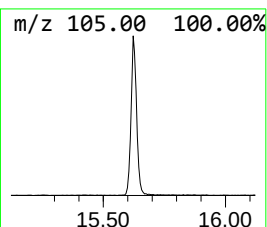
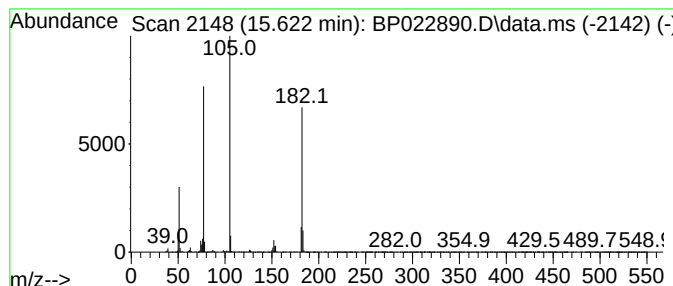
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 Benzophenone Concentration Rank 2

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 15.622 | 7.32 ng/ul | 424182 | Acenaphthene-d10 | 14.246 |

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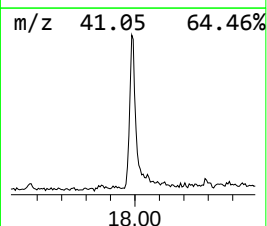
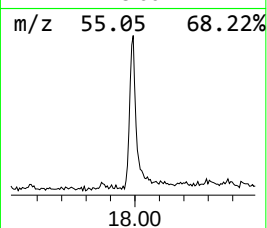
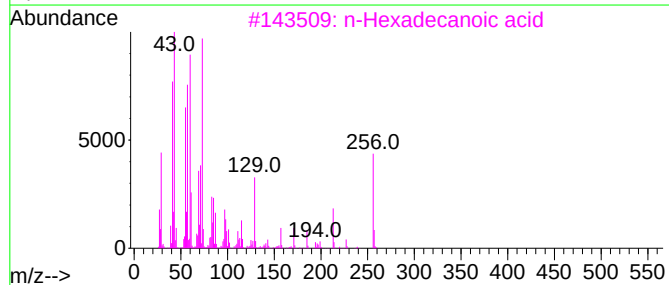
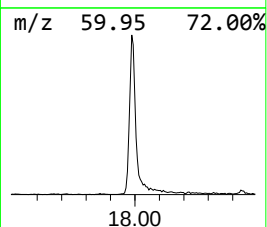
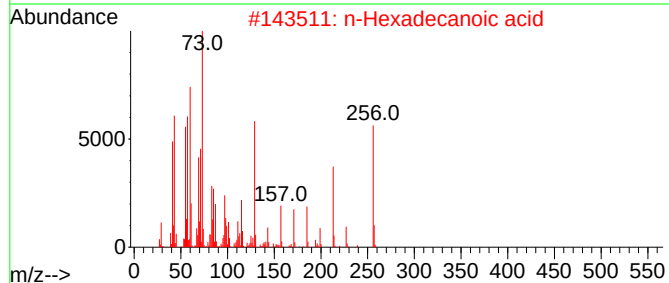
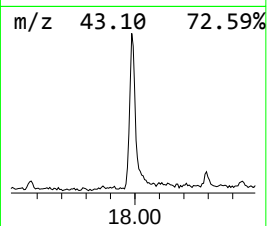
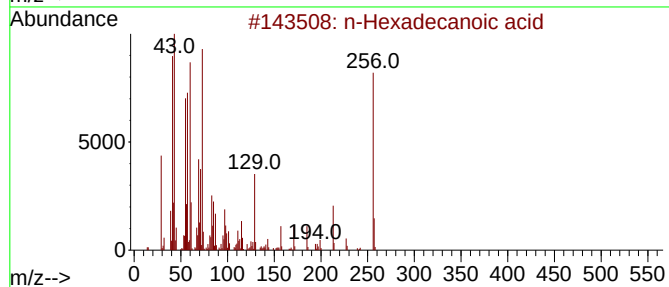
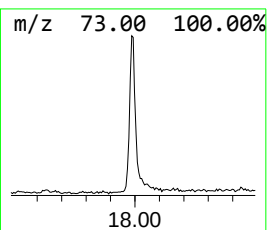
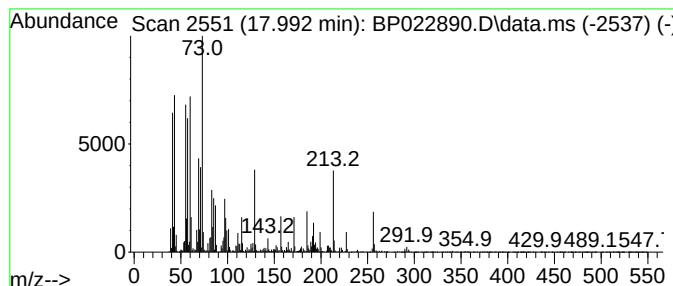
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP100724.MA.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 17.992 | 9.91 ng/ul | 762775 | Phenanthrene-d10 | 17.051 |

| 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    | Tridecanoic acid    | 214 | C13H26O2     | 000638-53-9 | 91      |      |      |
| 5    | Tridecanoic acid    | 214 | C13H26O2     | 000638-53-9 | 86      |      |      |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP110424\  
Data File : BP022890.D  
Acq On : 06 Nov 2024 12:28  
Operator : RC/JU  
Sample : P4581-13  
Misc :  
ALS Vial : 37 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
A4ED3

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

TIC Library : C:\DATABASE\NIST0.L  
TIC Integration Parameters: LSCINT.P

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |         |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|---------|------|
|                    |        |         |       |          | #                     | RT     | Resp    | Conc |
| Benzophenone       | 15.622 | 7.3     | ng/u1 | 424182   | 3                     | 14.246 | 1159070 | 20.0 |
| n-Hexadecanoic ... | 17.992 | 9.9     | ng/u1 | 762775   | 4                     | 17.051 | 1539880 | 20.0 |