

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP110424\  
 Data File : BP022851.D  
 Acq On : 05 Nov 2024 07:51  
 Operator : RC/JU  
 Sample : P4568-20  
 Misc :  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 A4EF4

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

Signal : TIC: BP022851.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         | 3.175       | 28            | 32          | 39           | rVB      | 14784          | 20028         | 0.82%           | 0.073%        |
| 2         | 3.587       | 98            | 102         | 117          | rBV      | 185359         | 294280        | 12.07%          | 1.079%        |
| 3         | 3.899       | 150           | 155         | 160          | rVB      | 8221           | 12768         | 0.52%           | 0.047%        |
| 4         | 4.787       | 302           | 306         | 313          | rVB8     | 2383           | 4572          | 0.19%           | 0.017%        |
| 5         | 6.775       | 639           | 644         | 646          | rBV5     | 1894           | 3400          | 0.14%           | 0.012%        |
| 6         | 6.822       | 646           | 652         | 670          | rVV      | 286261         | 508573        | 20.85%          | 1.865%        |
| 7         | 6.969       | 670           | 677         | 693          | rVB      | 210807         | 345890        | 14.18%          | 1.268%        |
| 8         | 7.169       | 703           | 711         | 722          | rBV      | 290301         | 495006        | 20.30%          | 1.815%        |
| 9         | 7.622       | 781           | 788         | 799          | rBV      | 406571         | 670669        | 27.50%          | 2.459%        |
| 10        | 8.334       | 902           | 909         | 927          | rBV      | 356998         | 667204        | 27.36%          | 2.446%        |
| 11        | 8.763       | 974           | 982         | 998          | rBV      | 299798         | 502320        | 20.60%          | 1.842%        |
| 12        | 8.928       | 1007          | 1010        | 1013         | rVB3     | 2455           | 3277          | 0.13%           | 0.012%        |
| 13        | 9.163       | 1045          | 1050        | 1055         | rVB3     | 6987           | 11784         | 0.48%           | 0.043%        |
| 14        | 9.328       | 1069          | 1078        | 1087         | rBV      | 20265          | 37774         | 1.55%           | 0.138%        |
| 15        | 9.475       | 1096          | 1103        | 1117         | rBV      | 263620         | 459735        | 18.85%          | 1.686%        |
| 16        | 9.581       | 1117          | 1121        | 1127         | rVB5     | 3736           | 6669          | 0.27%           | 0.024%        |
| 17        | 9.763       | 1145          | 1152        | 1153         | rBV7     | 2034           | 3496          | 0.14%           | 0.013%        |
| 18        | 9.781       | 1153          | 1155        | 1161         | rVB7     | 1580           | 2679          | 0.11%           | 0.010%        |
| 19        | 10.022      | 1189          | 1196        | 1215         | rBV      | 406448         | 758229        | 31.09%          | 2.780%        |
| 20        | 10.381      | 1247          | 1257        | 1265         | rBV      | 553945         | 961415        | 39.42%          | 3.525%        |
| 21        | 10.522      | 1274          | 1281        | 1297         | rBV      | 324961         | 592345        | 24.29%          | 2.172%        |
| 22        | 10.934      | 1347          | 1351        | 1356         | rBV4     | 7698           | 12308         | 0.50%           | 0.045%        |
| 23        | 11.204      | 1391          | 1397        | 1407         | rBV4     | 3544           | 10736         | 0.44%           | 0.039%        |
| 24        | 11.634      | 1465          | 1470        | 1475         | rBV3     | 6145           | 8405          | 0.34%           | 0.031%        |
| 25        | 11.887      | 1509          | 1513        | 1516         | rBV7     | 1999           | 3672          | 0.15%           | 0.013%        |
| 26        | 11.969      | 1520          | 1527        | 1533         | rVB2     | 6939           | 14382         | 0.59%           | 0.053%        |
| 27        | 12.663      | 1642          | 1645        | 1649         | rBV6     | 2509           | 2665          | 0.11%           | 0.010%        |
| 28        | 12.745      | 1655          | 1659        | 1664         | rVB7     | 3238           | 4532          | 0.19%           | 0.017%        |
| 29        | 13.016      | 1698          | 1705        | 1707         | rBV7     | 1665           | 3107          | 0.13%           | 0.011%        |
| 30        | 13.192      | 1730          | 1735        | 1736         | rBV5     | 2845           | 3629          | 0.15%           | 0.013%        |
| 31        | 13.657      | 1807          | 1814        | 1821         | rBV      | 932404         | 1223684       | 50.17%          | 4.487%        |
| 32        | 13.751      | 1828          | 1830        | 1837         | rVB7     | 2702           | 4625          | 0.19%           | 0.017%        |
| 33        | 13.939      | 1853          | 1862        | 1873         | rBV      | 879055         | 1376516       | 56.44%          | 5.047%        |
| 34        | 14.063      | 1881          | 1883        | 1889         | rVB7     | 2999           | 4361          | 0.18%           | 0.016%        |
| 35        | 14.145      | 1893          | 1897        | 1903         | rVB8     | 3115           | 4972          | 0.20%           | 0.018%        |
| 36        | 14.251      | 1907          | 1915        | 1922         | rBV      | 991063         | 1496442       | 61.36%          | 5.487%        |

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Instrument :  
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 ClientSampleId :  
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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 | 14.504 | 1949 | 1958 | 1978 | rBV  | 155722  | 459538  | 18.84%  | 1.685% |
| 38 | 14.681 | 1986 | 1988 | 1995 | rVB7 | 10106   | 17401   | 0.71%   | 0.064% |
| 39 | 14.957 | 2031 | 2035 | 2036 | rBV3 | 2915    | 3485    | 0.14%   | 0.013% |
| 40 | 15.057 | 2047 | 2052 | 2056 | rBV7 | 2921    | 5486    | 0.22%   | 0.020% |
| 41 | 15.257 | 2079 | 2086 | 2094 | rBV  | 1203792 | 1881535 | 77.14%  | 6.899% |
| 42 | 15.398 | 2104 | 2110 | 2122 | rBV  | 213117  | 327591  | 13.43%  | 1.201% |
| 43 | 15.504 | 2124 | 2128 | 2130 | rBV3 | 4562    | 5539    | 0.23%   | 0.020% |
| 44 | 15.645 | 2145 | 2152 | 2158 | rBV  | 268473  | 338052  | 13.86%  | 1.239% |
| 45 | 15.739 | 2166 | 2168 | 2172 | rVB5 | 2394    | 2618    | 0.11%   | 0.010% |
| 46 | 15.933 | 2196 | 2201 | 2203 | rBV6 | 2418    | 4381    | 0.18%   | 0.016% |
| 47 | 16.016 | 2208 | 2215 | 2219 | rBV9 | 7394    | 18471   | 0.76%   | 0.068% |
| 48 | 16.139 | 2234 | 2236 | 2239 | rBV4 | 3818    | 4447    | 0.18%   | 0.016% |
| 49 | 16.275 | 2254 | 2259 | 2263 | rBV6 | 4105    | 7906    | 0.32%   | 0.029% |
| 50 | 16.575 | 2308 | 2310 | 2313 | rBV4 | 2765    | 2601    | 0.11%   | 0.010% |
| 51 | 16.698 | 2326 | 2331 | 2332 | rBV4 | 4858    | 6283    | 0.26%   | 0.023% |
| 52 | 16.816 | 2349 | 2351 | 2352 | rBV2 | 3959    | 3266    | 0.13%   | 0.012% |
| 53 | 16.863 | 2357 | 2359 | 2364 | rVB4 | 8535    | 8712    | 0.36%   | 0.032% |
| 54 | 16.933 | 2366 | 2371 | 2373 | rBV6 | 10633   | 17430   | 0.71%   | 0.064% |
| 55 | 17.063 | 2386 | 2393 | 2397 | rBV  | 1503428 | 1949709 | 79.94%  | 7.149% |
| 56 | 17.151 | 2402 | 2408 | 2418 | rVB  | 1485310 | 1990437 | 81.61%  | 7.298% |
| 57 | 17.680 | 2492 | 2498 | 2504 | rVB3 | 19792   | 45588   | 1.87%   | 0.167% |
| 58 | 17.998 | 2546 | 2552 | 2563 | rBV  | 357041  | 538678  | 22.09%  | 1.975% |
| 59 | 18.169 | 2578 | 2581 | 2585 | rVB6 | 25582   | 28965   | 1.19%   | 0.106% |
| 60 | 18.569 | 2647 | 2649 | 2653 | rVB4 | 20044   | 17829   | 0.73%   | 0.065% |
| 61 | 18.786 | 2683 | 2686 | 2691 | rBV5 | 23567   | 25920   | 1.06%   | 0.095% |
| 62 | 19.198 | 2752 | 2756 | 2762 | rVB  | 104110  | 140746  | 5.77%   | 0.516% |
| 63 | 19.327 | 2775 | 2778 | 2787 | rVB3 | 101006  | 139543  | 5.72%   | 0.512% |
| 64 | 19.539 | 2809 | 2814 | 2823 | rBV  | 1704577 | 2438976 | 100.00% | 8.942% |
| 65 | 21.168 | 3086 | 3091 | 3098 | rBV7 | 86656   | 214923  | 8.81%   | 0.788% |
| 66 | 21.486 | 3139 | 3145 | 3150 | rBV  | 1360621 | 1990035 | 81.59%  | 7.296% |
| 67 | 24.509 | 3651 | 3659 | 3669 | rVB  | 816642  | 2131875 | 87.41%  | 7.817% |
| 68 | 24.733 | 3688 | 3697 | 3706 | rVB  | 791808  | 1969900 | 80.77%  | 7.223% |

Sum of corrected areas: 27274015

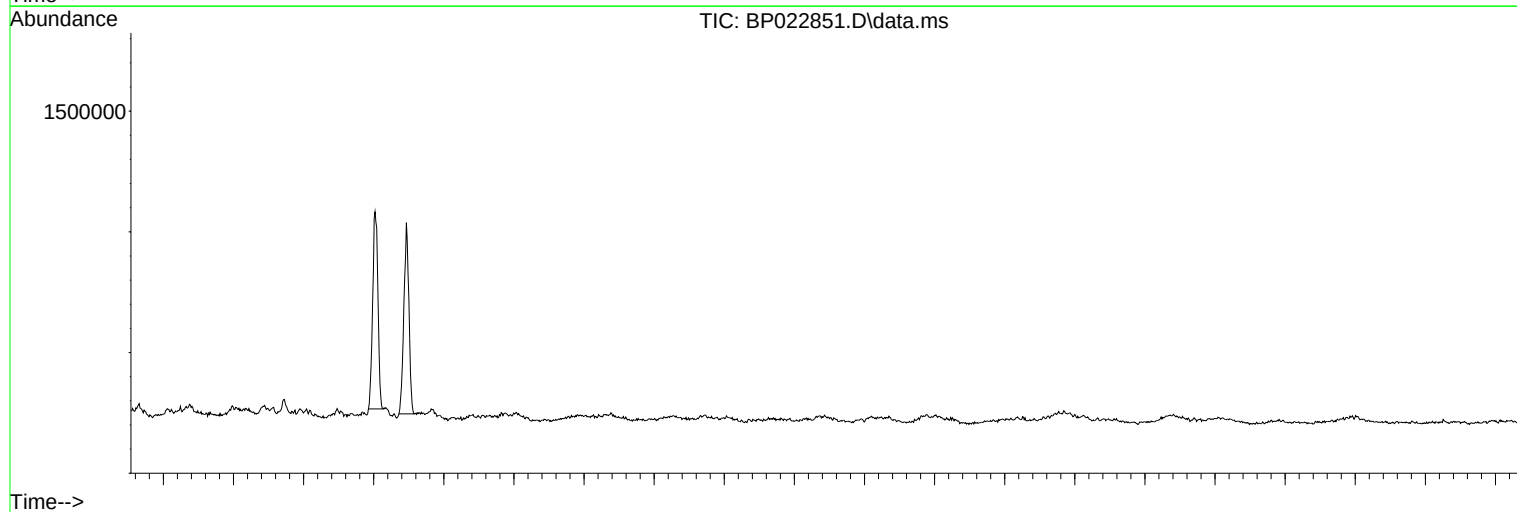
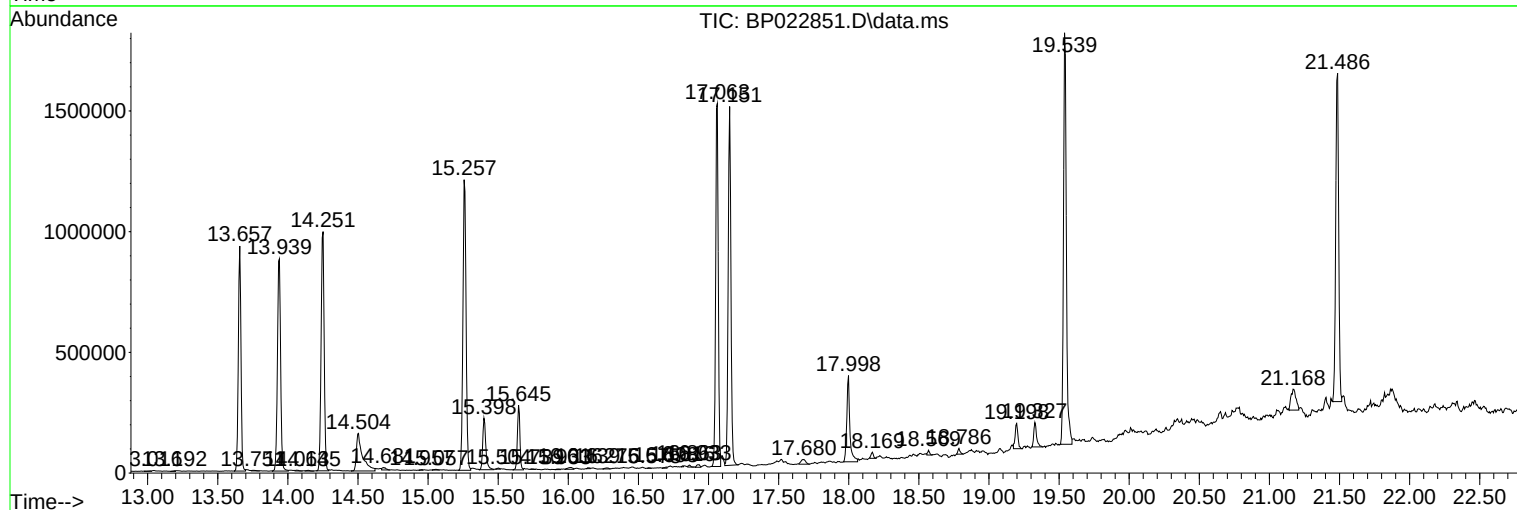
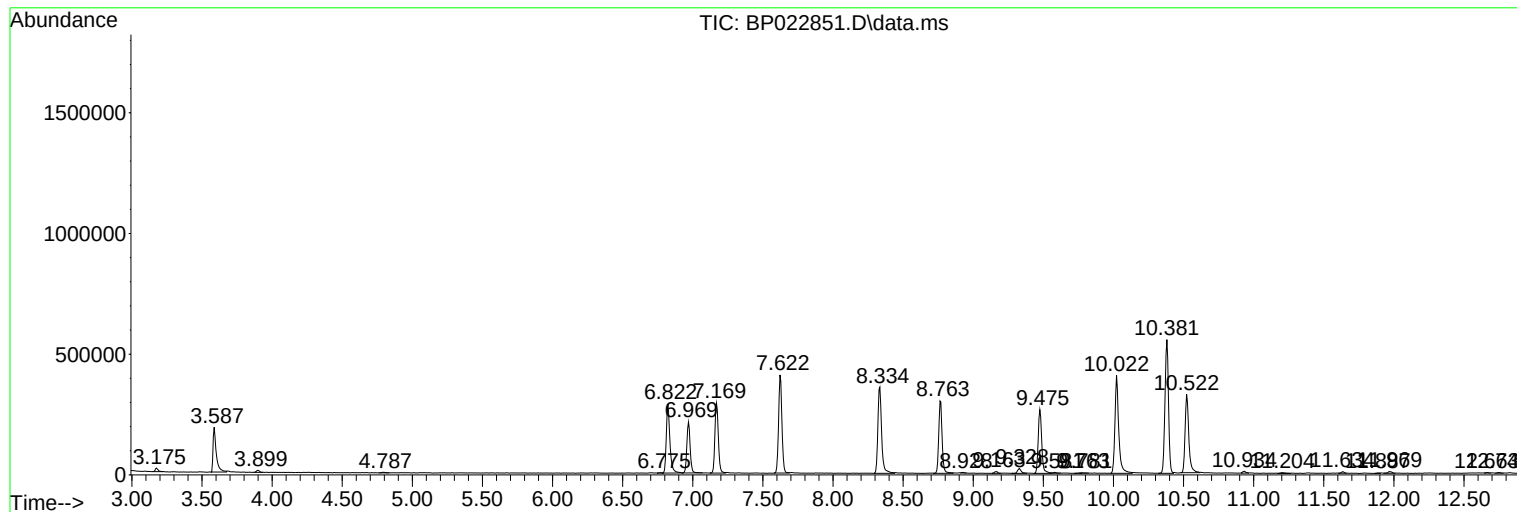
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP110424\  
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Sample : P4568-20  
Misc :  
ALS Vial : 31 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
A4EF4

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\  
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Operator : RC/JU  
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Instrument :  
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A4EF4

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

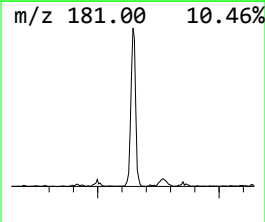
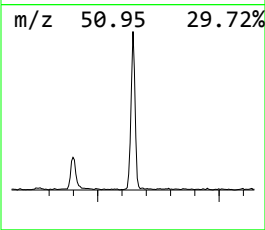
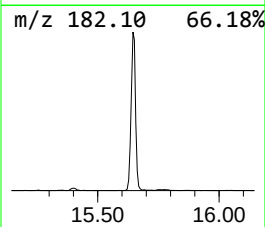
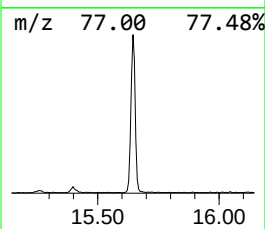
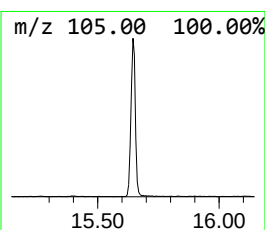
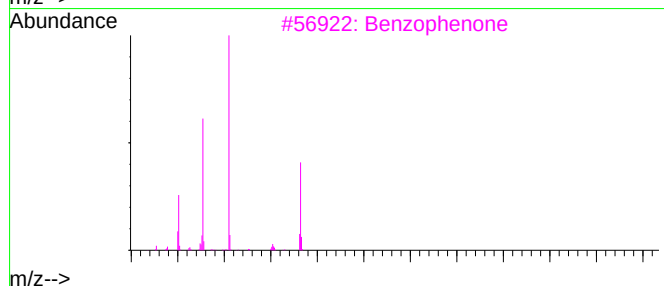
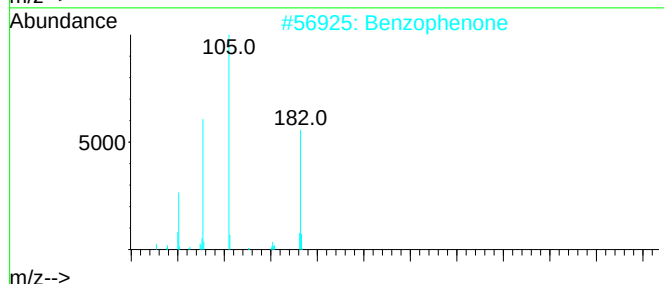
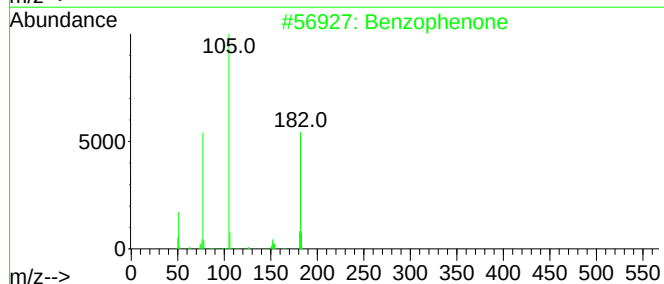
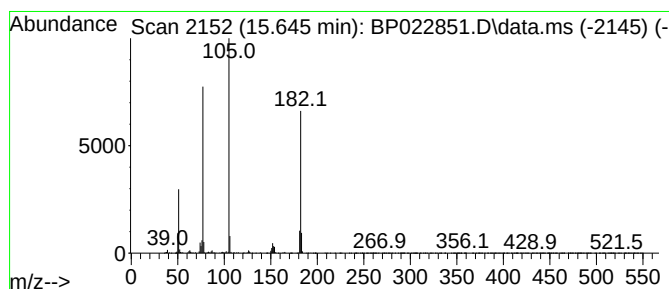
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 Benzophenone Concentration Rank 2

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 15.645 | 4.52 ng/ul | 338052 | Acenaphthene-d10 | 14.251 |

| 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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Sample : P4568-20  
Misc :  
ALS Vial : 31 Sample Multiplier: 1

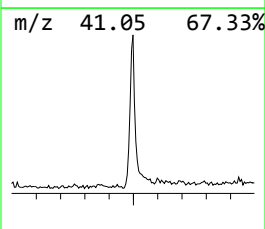
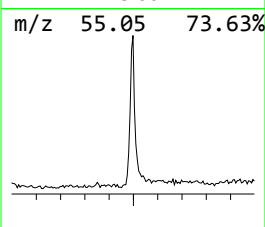
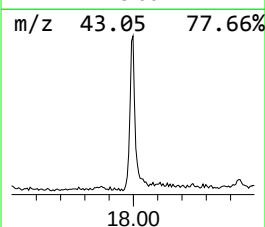
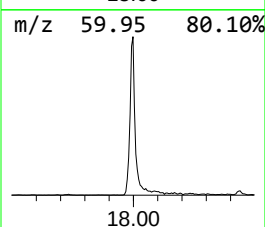
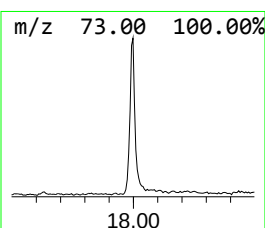
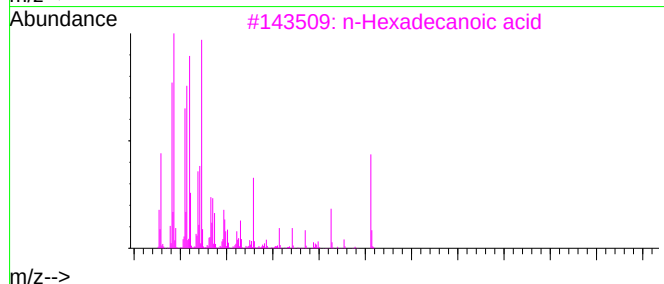
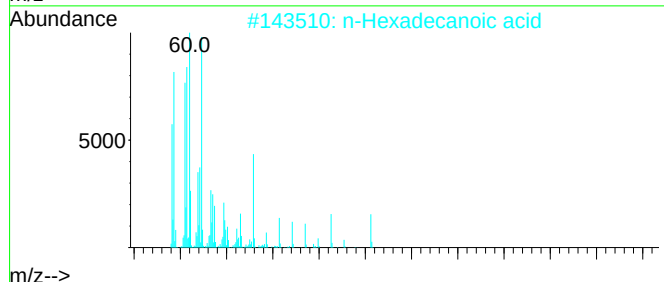
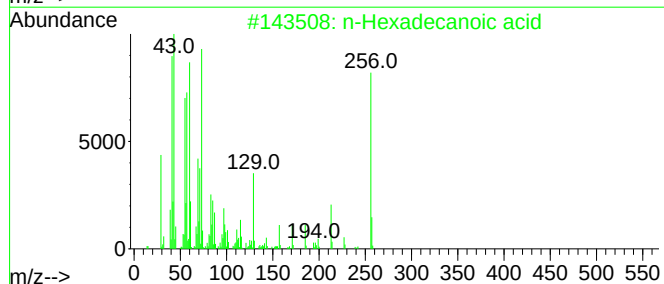
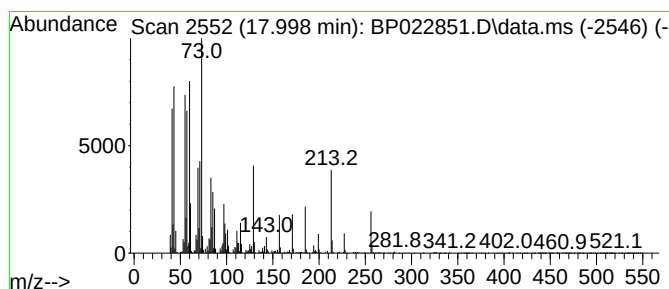
Instrument :  
BNA\_P  
ClientSampleId :  
A4EF4

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.        |      |
|-----------|---------------------|--------|------------------|-------------|------|
| 17.998    | 5.53 ng/ul          | 538678 | 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 | 96   |
| 3         | n-Hexadecanoic acid | 256    | C16H32O2         | 000057-10-3 | 96   |
| 4         | n-Hexadecanoic acid | 256    | C16H32O2         | 000057-10-3 | 96   |
| 5         | Tetradecanoic acid  | 228    | C14H28O2         | 000544-63-8 | 68   |



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Quant Title : SVOA CALIBRATION

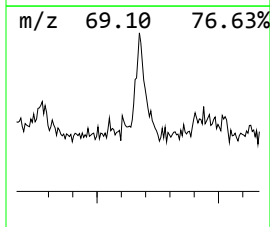
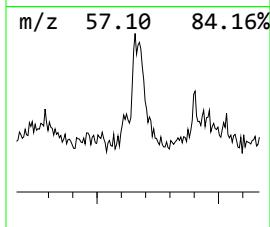
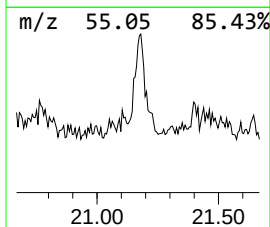
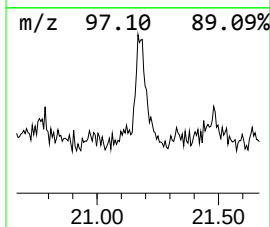
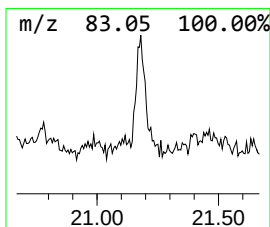
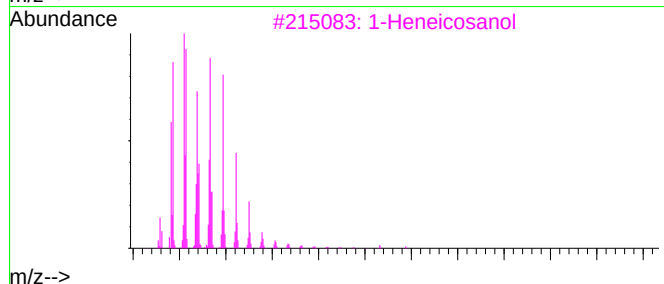
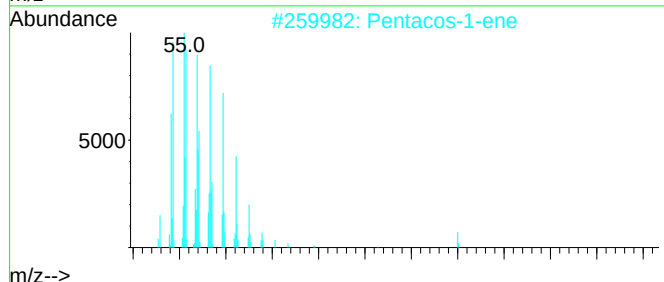
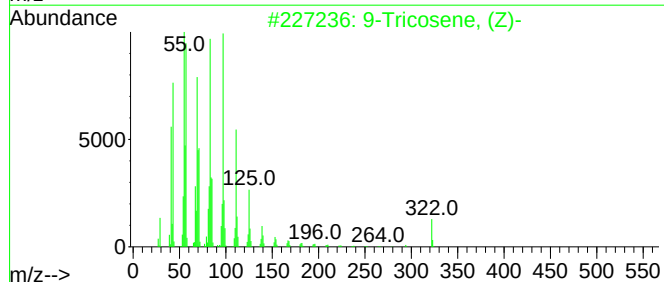
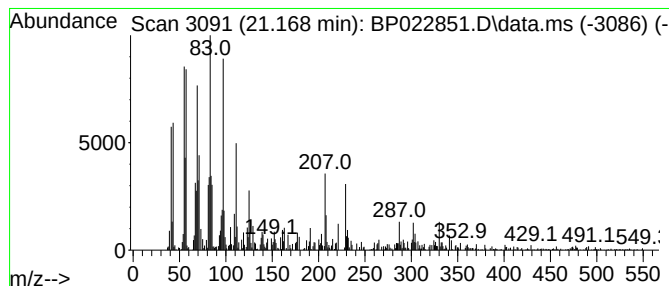
TIC Library : C:\DATABASE\NIST20.L

TIC Integration Parameters: LSCINT.P

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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 3

| R.T.      | EstConc           | Area   | Relative to ISTD | R.T.        |      |
|-----------|-------------------|--------|------------------|-------------|------|
| 21.169    | 2.16 ng/ul        | 214923 | Chrysene-d12     | 21.486      |      |
| Hit# of 5 | Tentative ID      | MW     | MolForm          | CAS#        | Qual |
| 1         | 9-Tricosene, (Z)- | 322    | C23H46           | 027519-02-4 | 95   |
| 2         | Pentacos-1-ene    | 350    | C25H50           | 016980-85-1 | 95   |
| 3         | 1-Heneicosanol    | 312    | C21H44O          | 015594-90-8 | 93   |
| 4         | 9-Tricosene, (Z)- | 322    | C23H46           | 027519-02-4 | 93   |
| 5         | Behenic alcohol   | 326    | C22H46O          | 000661-19-8 | 93   |



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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 | 4.5     | ng/u1 | 338052   | 3                     | 14.251 | 1496440 | 20.0 |
| n-Hexadecanoic ... | 17.998 | 5.5     | ng/u1 | 538678   | 4                     | 17.063 | 1949710 | 20.0 |
| (DEL) Alkane: S... | 21.169 | 2.2     | ng/u1 | 214923   | 5                     | 21.486 | 1990040 | 20.0 |