

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100224\  
 Data File : BP022208.D  
 Acq On : 03 Oct 2024 23:58  
 Operator : RC/JU  
 Sample : P4019-22ME  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 DDCJ8ME

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-BP092424.MA.M  
 Title : SVOA CALIBRATION

Signal : TIC: BP022208.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         | 3.628       | 105           | 109         | 127          | rBV      | 353006         | 560752        | 1.31%           | 0.344%        |
| 2         | 5.746       | 463           | 469         | 477          | rVB2     | 627798         | 948017        | 2.22%           | 0.582%        |
| 3         | 6.705       | 628           | 632         | 637          | rVB2     | 433960         | 628911        | 1.47%           | 0.386%        |
| 4         | 6.758       | 637           | 641         | 645          | rBV      | 495416         | 721503        | 1.69%           | 0.443%        |
| 5         | 6.799       | 645           | 648         | 653          | rVB      | 392391         | 537165        | 1.26%           | 0.330%        |
| 6         | 6.869       | 653           | 660         | 667          | rBV5     | 931320         | 2125063       | 4.98%           | 1.305%        |
| 7         | 7.034       | 683           | 688         | 693          | rBV      | 441427         | 692403        | 1.62%           | 0.425%        |
| 8         | 7.093       | 693           | 698         | 701          | rBV2     | 277141         | 435374        | 1.02%           | 0.267%        |
| 9         | 7.128       | 701           | 704         | 712          | rVV      | 463910         | 759634        | 1.78%           | 0.466%        |
| 10        | 7.234       | 717           | 722         | 732          | rVB      | 537313         | 1079988       | 2.53%           | 0.663%        |
| 11        | 7.328       | 732           | 738         | 747          | rBV2     | 2712079        | 4877726       | 11.42%          | 2.995%        |
| 12        | 7.616       | 776           | 787         | 792          | rBV6     | 190367         | 588014        | 1.38%           | 0.361%        |
| 13        | 7.681       | 792           | 798         | 804          | rVV2     | 666388         | 1426480       | 3.34%           | 0.876%        |
| 14        | 7.758       | 804           | 811         | 816          | rVV3     | 958622         | 1630718       | 3.82%           | 1.001%        |
| 15        | 7.810       | 816           | 820         | 827          | rVB2     | 306004         | 547824        | 1.28%           | 0.336%        |
| 16        | 7.981       | 845           | 849         | 855          | rVB3     | 303568         | 540580        | 1.27%           | 0.332%        |
| 17        | 8.116       | 867           | 872         | 876          | rBV      | 330364         | 568229        | 1.33%           | 0.349%        |
| 18        | 8.169       | 876           | 881         | 886          | rVV3     | 295056         | 693951        | 1.63%           | 0.426%        |
| 19        | 8.222       | 886           | 890         | 896          | rVV2     | 594618         | 1304902       | 3.06%           | 0.801%        |
| 20        | 8.275       | 896           | 899         | 903          | rVV      | 466556         | 627324        | 1.47%           | 0.385%        |
| 21        | 8.340       | 903           | 910         | 914          | rVV3     | 939307         | 2056526       | 4.82%           | 1.263%        |
| 22        | 8.393       | 914           | 919         | 924          | rVV      | 647650         | 1157108       | 2.71%           | 0.710%        |
| 23        | 8.446       | 924           | 928         | 932          | rVV      | 578378         | 899592        | 2.11%           | 0.552%        |
| 24        | 8.487       | 932           | 935         | 943          | rVB      | 391632         | 622194        | 1.46%           | 0.382%        |
| 25        | 8.634       | 955           | 960         | 964          | rBV      | 362697         | 557572        | 1.31%           | 0.342%        |
| 26        | 8.681       | 964           | 968         | 976          | rVB      | 388892         | 681837        | 1.60%           | 0.419%        |
| 27        | 8.781       | 976           | 985         | 990          | rBV2     | 567733         | 1196376       | 2.80%           | 0.734%        |
| 28        | 8.834       | 990           | 994         | 998          | rVV      | 483231         | 811916        | 1.90%           | 0.498%        |
| 29        | 8.905       | 998           | 1006        | 1012         | rVB      | 2608486        | 4273693       | 10.01%          | 2.624%        |
| 30        | 9.028       | 1017          | 1027        | 1033         | rBV7     | 391525         | 1054004       | 2.47%           | 0.647%        |
| 31        | 9.110       | 1033          | 1041        | 1046         | rBV3     | 204304         | 532977        | 1.25%           | 0.327%        |
| 32        | 9.357       | 1079          | 1083        | 1093         | rVB2     | 246881         | 541227        | 1.27%           | 0.332%        |
| 33        | 9.457       | 1093          | 1100        | 1107         | rVB3     | 209328         | 476691        | 1.12%           | 0.293%        |
| 34        | 9.546       | 1107          | 1115        | 1120         | rBV2     | 657969         | 1288633       | 3.02%           | 0.791%        |
| 35        | 9.599       | 1120          | 1124        | 1129         | rVV4     | 331009         | 617856        | 1.45%           | 0.379%        |
| 36        | 9.669       | 1129          | 1136        | 1140         | rVV4     | 178761         | 438785        | 1.03%           | 0.269%        |

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If leading or trailing edge < 100 prefer < Baseline drop else tangent >

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Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP092424.MA.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |        |         |       |        |
|----|--------|------|------|------|------|--------|---------|-------|--------|
| 37 | 9.740  | 1140 | 1148 | 1154 | rVB2 | 352375 | 791349  | 1.85% | 0.486% |
| 38 | 9.810  | 1154 | 1160 | 1164 | rBV3 | 264773 | 453479  | 1.06% | 0.278% |
| 39 | 9.887  | 1164 | 1173 | 1176 | rVV4 | 285453 | 715527  | 1.68% | 0.439% |
| 40 | 10.081 | 1202 | 1206 | 1213 | rVB2 | 708098 | 1251668 | 2.93% | 0.768% |

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 41 | 10.152 | 1213 | 1218 | 1223 | rBV2 | 295497  | 512741  | 1.20%  | 0.315% |
| 42 | 10.440 | 1257 | 1267 | 1275 | rBV4 | 1692018 | 4296389 | 10.06% | 2.638% |
| 43 | 10.581 | 1284 | 1291 | 1302 | rVB3 | 794630  | 2223024 | 5.21%  | 1.365% |
| 44 | 10.828 | 1327 | 1333 | 1345 | rBV  | 1237541 | 1890037 | 4.43%  | 1.160% |
| 45 | 10.957 | 1347 | 1355 | 1361 | rBV  | 517801  | 928289  | 2.17%  | 0.570% |

|    |        |      |      |      |      |        |         |       |        |
|----|--------|------|------|------|------|--------|---------|-------|--------|
| 46 | 11.363 | 1415 | 1424 | 1430 | rVV6 | 175791 | 451135  | 1.06% | 0.277% |
| 47 | 11.475 | 1437 | 1443 | 1447 | rBV  | 625647 | 975438  | 2.28% | 0.599% |
| 48 | 11.540 | 1447 | 1454 | 1462 | rVB4 | 314871 | 750853  | 1.76% | 0.461% |
| 49 | 11.716 | 1479 | 1484 | 1492 | rVB  | 333062 | 550223  | 1.29% | 0.338% |
| 50 | 11.869 | 1504 | 1510 | 1514 | rBV  | 754933 | 1292845 | 3.03% | 0.794% |

|    |        |      |      |      |      |        |         |       |        |
|----|--------|------|------|------|------|--------|---------|-------|--------|
| 51 | 11.904 | 1514 | 1516 | 1522 | rVB2 | 383439 | 535527  | 1.25% | 0.329% |
| 52 | 12.116 | 1545 | 1552 | 1560 | rVB2 | 949792 | 1671074 | 3.91% | 1.026% |
| 53 | 12.287 | 1575 | 1581 | 1585 | rVV3 | 357586 | 663579  | 1.55% | 0.407% |
| 54 | 12.334 | 1585 | 1589 | 1598 | rVB2 | 273883 | 541764  | 1.27% | 0.333% |
| 55 | 13.122 | 1717 | 1723 | 1730 | rBV  | 930404 | 1387654 | 3.25% | 0.852% |

|    |        |      |      |      |      |         |         |       |        |
|----|--------|------|------|------|------|---------|---------|-------|--------|
| 56 | 13.351 | 1754 | 1762 | 1769 | rVB3 | 267329  | 682114  | 1.60% | 0.419% |
| 57 | 13.475 | 1774 | 1783 | 1790 | rBV5 | 431512  | 1149789 | 2.69% | 0.706% |
| 58 | 13.616 | 1802 | 1807 | 1812 | rBV  | 473627  | 967756  | 2.27% | 0.594% |
| 59 | 13.669 | 1812 | 1816 | 1818 | rVV2 | 381329  | 636044  | 1.49% | 0.390% |
| 60 | 13.704 | 1818 | 1822 | 1827 | rVB  | 1355903 | 1981604 | 4.64% | 1.217% |

|    |        |      |      |      |      |         |         |       |        |
|----|--------|------|------|------|------|---------|---------|-------|--------|
| 61 | 13.787 | 1827 | 1836 | 1840 | rVB3 | 314607  | 621826  | 1.46% | 0.382% |
| 62 | 13.993 | 1866 | 1871 | 1875 | rVV  | 1314238 | 1849524 | 4.33% | 1.135% |
| 63 | 14.210 | 1903 | 1908 | 1913 | rBV  | 1729218 | 2362804 | 5.53% | 1.451% |
| 64 | 14.304 | 1918 | 1924 | 1929 | rVV  | 944620  | 1587460 | 3.72% | 0.975% |
| 65 | 14.381 | 1932 | 1937 | 1944 | rVV3 | 378728  | 646492  | 1.51% | 0.397% |

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 66 | 14.445 | 1944 | 1948 | 1956 | rVB  | 409480  | 602480  | 1.41%  | 0.370% |
| 67 | 14.522 | 1956 | 1961 | 1969 | rBV3 | 725550  | 1529169 | 3.58%  | 0.939% |
| 68 | 14.710 | 1990 | 1993 | 1999 | rVB2 | 329920  | 490529  | 1.15%  | 0.301% |
| 69 | 14.840 | 2010 | 2015 | 2020 | rBV4 | 213696  | 491902  | 1.15%  | 0.302% |
| 70 | 14.945 | 2024 | 2033 | 2046 | rVB  | 2468310 | 4576361 | 10.72% | 2.810% |

|    |        |      |      |      |      |         |         |       |        |
|----|--------|------|------|------|------|---------|---------|-------|--------|
| 71 | 15.075 | 2051 | 2055 | 2058 | rBV2 | 281712  | 448173  | 1.05% | 0.275% |
| 72 | 15.175 | 2063 | 2072 | 2077 | rVB2 | 893881  | 1582106 | 3.71% | 0.971% |
| 73 | 15.316 | 2090 | 2096 | 2101 | rVB  | 1615738 | 2620607 | 6.14% | 1.609% |
| 74 | 15.422 | 2108 | 2114 | 2122 | rVB4 | 513059  | 1041819 | 2.44% | 0.640% |
| 75 | 15.598 | 2138 | 2144 | 2147 | rBV  | 403117  | 648598  | 1.52% | 0.398% |

|    |        |      |      |      |      |        |        |       |        |
|----|--------|------|------|------|------|--------|--------|-------|--------|
| 76 | 15.687 | 2155 | 2159 | 2164 | rVB5 | 319286 | 496923 | 1.16% | 0.305% |
|----|--------|------|------|------|------|--------|--------|-------|--------|

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 DDCJ8ME

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-BP092424.MA.M  
 Title : SVOA CALIBRATION

|     |        |      |      |      |      |          |          |         |         |
|-----|--------|------|------|------|------|----------|----------|---------|---------|
| 77  | 15.798 | 2173 | 2178 | 2189 | rVB7 | 166733   | 519264   | 1.22%   | 0.319%  |
| 78  | 16.051 | 2216 | 2221 | 2224 | rBV  | 1269838  | 1679441  | 3.93%   | 1.031%  |
| 79  | 16.769 | 2333 | 2343 | 2347 | rBV  | 23850430 | 42701694 | 100.00% | 26.216% |
| 80  | 16.869 | 2356 | 2360 | 2365 | rVV  | 841751   | 1031352  | 2.42%   | 0.633%  |
| 81  | 16.922 | 2365 | 2369 | 2380 | rVB2 | 486880   | 851245   | 1.99%   | 0.523%  |
| 82  | 17.104 | 2395 | 2400 | 2404 | rBV  | 1181063  | 1784870  | 4.18%   | 1.096%  |
| 83  | 17.198 | 2410 | 2416 | 2422 | rVV  | 2198131  | 3129310  | 7.33%   | 1.921%  |
| 84  | 17.628 | 2484 | 2489 | 2494 | rBV  | 841300   | 1077567  | 2.52%   | 0.662%  |
| 85  | 17.704 | 2495 | 2502 | 2506 | rVV  | 284349   | 523443   | 1.23%   | 0.321%  |
| 86  | 17.804 | 2514 | 2519 | 2523 | rVV  | 1235427  | 1565963  | 3.67%   | 0.961%  |
| 87  | 18.039 | 2555 | 2559 | 2565 | rVB3 | 718117   | 972230   | 2.28%   | 0.597%  |
| 88  | 18.351 | 2607 | 2612 | 2620 | rBV  | 687180   | 961284   | 2.25%   | 0.590%  |
| 89  | 19.028 | 2718 | 2727 | 2731 | rBV3 | 895716   | 2041965  | 4.78%   | 1.254%  |
| 90  | 19.169 | 2747 | 2751 | 2755 | rBV  | 537270   | 662651   | 1.55%   | 0.407%  |
| 91  | 19.586 | 2816 | 2822 | 2825 | rBV  | 2689340  | 3572332  | 8.37%   | 2.193%  |
| 92  | 19.616 | 2825 | 2827 | 2837 | rVB2 | 425554   | 518942   | 1.22%   | 0.319%  |
| 93  | 20.169 | 2917 | 2921 | 2925 | rBV2 | 461504   | 554219   | 1.30%   | 0.340%  |
| 94  | 21.204 | 3092 | 3097 | 3103 | rVB3 | 983651   | 1587124  | 3.72%   | 0.974%  |
| 95  | 21.533 | 3147 | 3153 | 3162 | rVB2 | 1077471  | 1911148  | 4.48%   | 1.173%  |
| 96  | 21.769 | 3190 | 3193 | 3204 | rVB  | 304404   | 497734   | 1.17%   | 0.306%  |
| 97  | 22.263 | 3272 | 3277 | 3286 | rVB  | 307950   | 561928   | 1.32%   | 0.345%  |
| 98  | 22.416 | 3297 | 3303 | 3309 | rVB2 | 314337   | 652023   | 1.53%   | 0.400%  |
| 99  | 24.580 | 3662 | 3671 | 3683 | rVB  | 1384479  | 3879823  | 9.09%   | 2.382%  |
| 100 | 24.804 | 3701 | 3709 | 3721 | rVB  | 812098   | 2251315  | 5.27%   | 1.382%  |

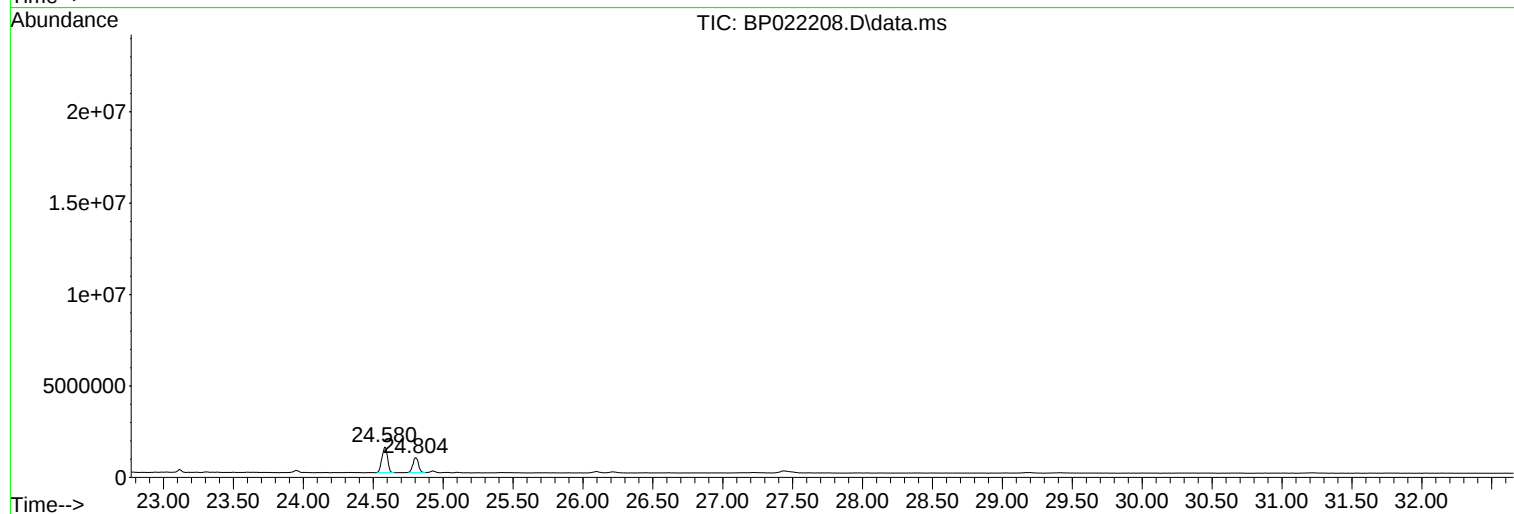
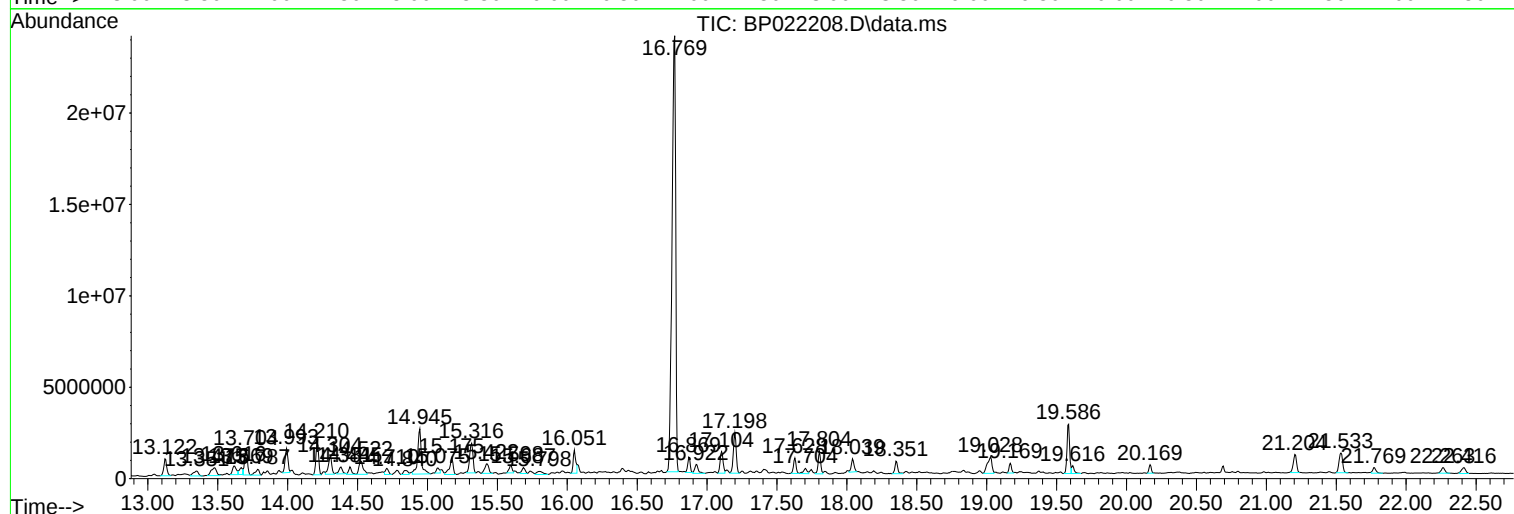
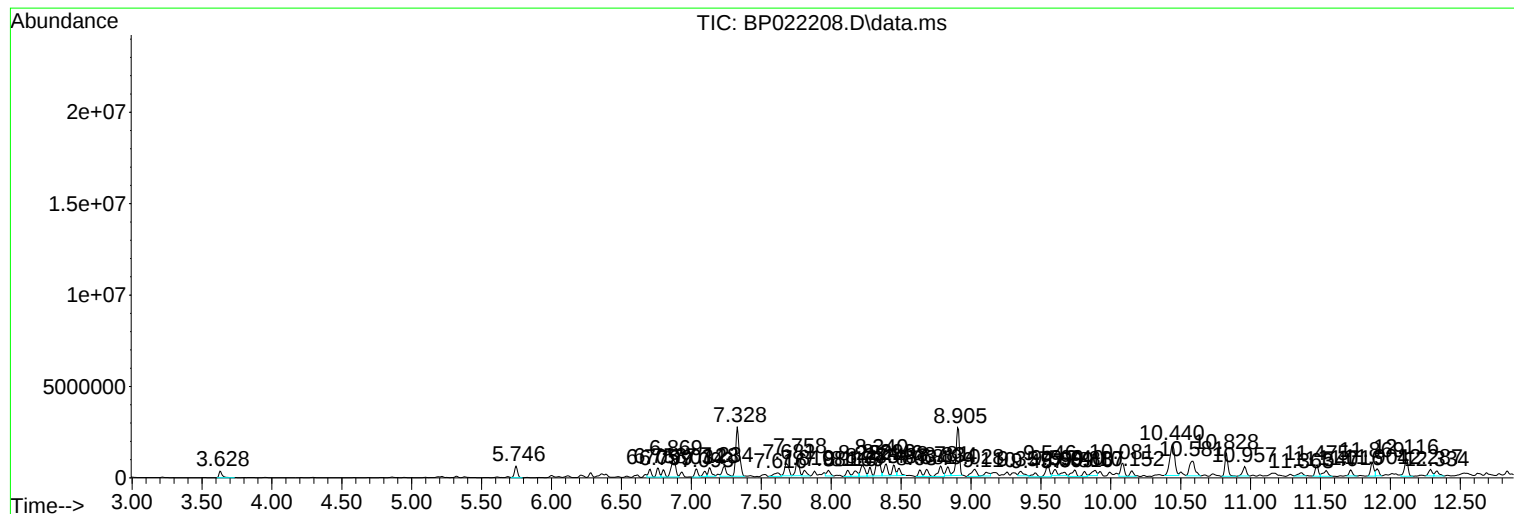
Sum of corrected areas: 162887087

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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP092424.MA.M  
Quant Title : SVOA CALIBRATION

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



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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP092424.MA.M  
Quant Title : SVOA CALIBRATION

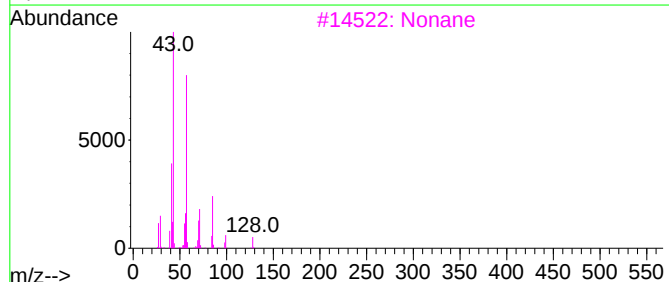
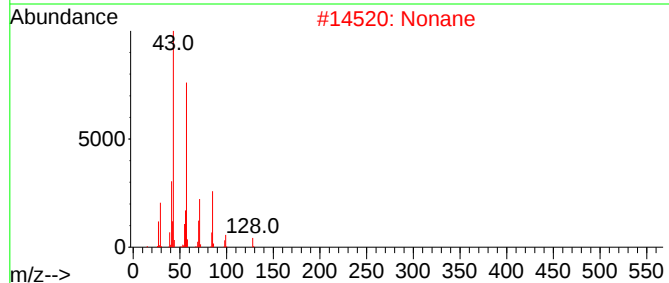
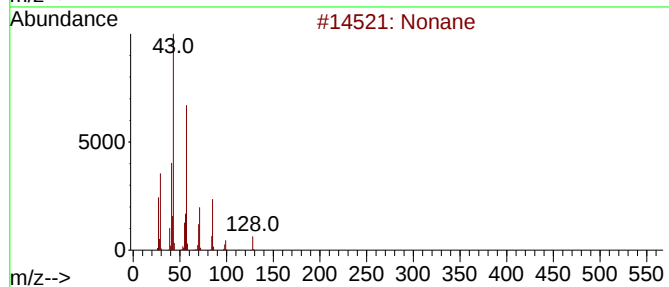
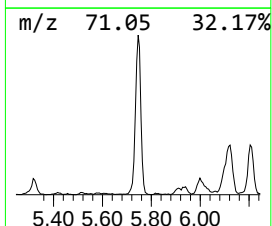
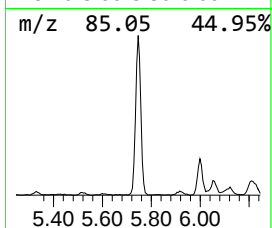
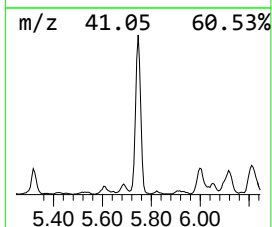
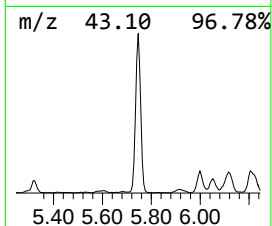
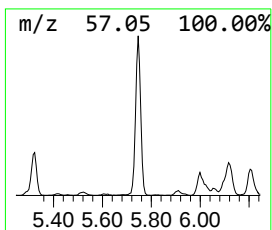
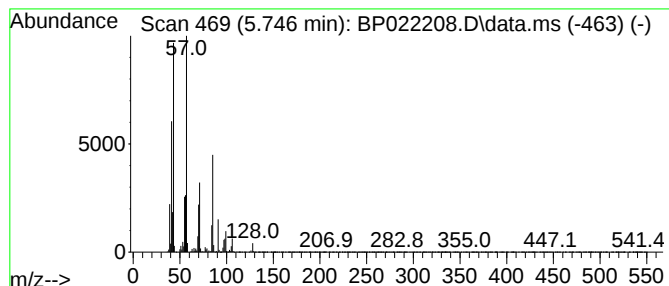
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 16

| R.T.  | EstConc     | Area   | Relative to ISTD       | R.T.  |
|-------|-------------|--------|------------------------|-------|
| 5.746 | 13.29 ng/ul | 948017 | 1,4-Dichlorobenzene-d4 | 7.693 |

| Hit# | of | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------|-----|---------|-------------|------|
| 1    |    |   | Nonane       | 128 | C9H20   | 000111-84-2 | 94   |
| 2    |    |   | Nonane       | 128 | C9H20   | 000111-84-2 | 91   |
| 3    |    |   | Nonane       | 128 | C9H20   | 000111-84-2 | 64   |
| 4    |    |   | Octane       | 114 | C8H18   | 000111-65-9 | 59   |
| 5    |    |   | Hexadecane   | 226 | C16H34  | 000544-76-3 | 59   |



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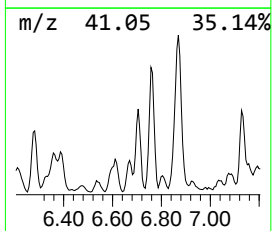
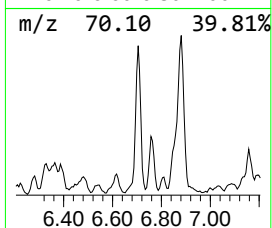
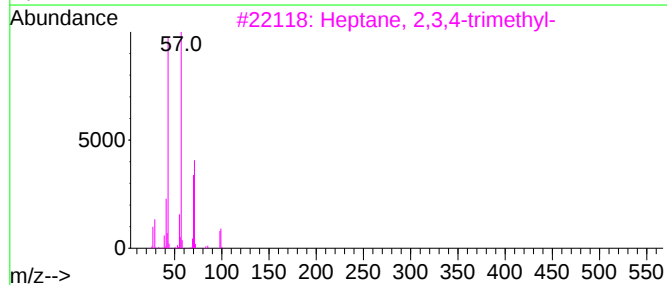
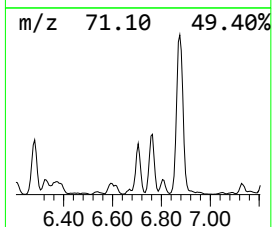
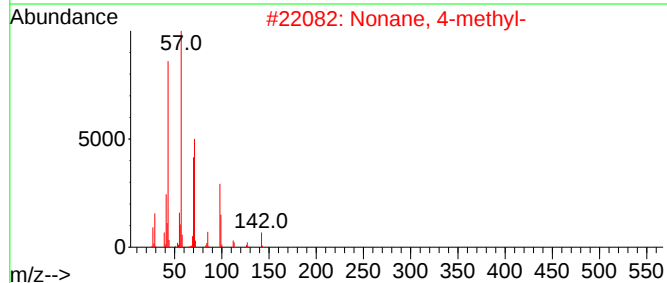
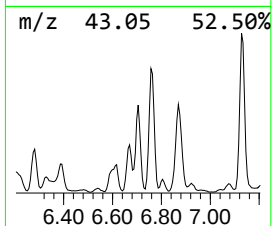
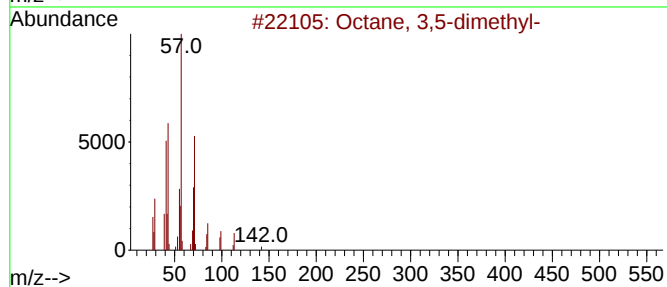
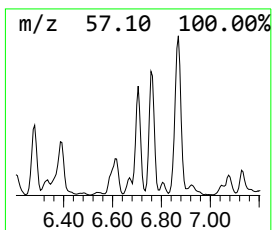
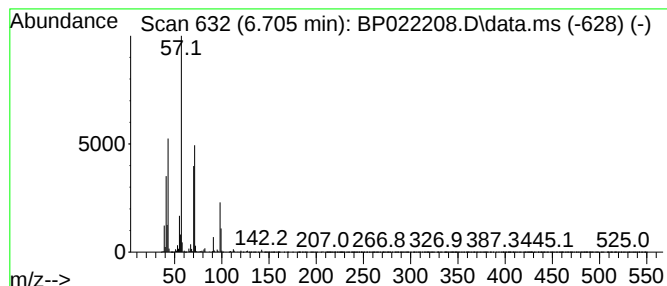
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TIC Integration Parameters: LSCINT.P

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Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 28

| R.T.  | EstConc    | Area   | Relative to ISTD       | R.T.  |
|-------|------------|--------|------------------------|-------|
| 6.705 | 8.82 ng/ul | 628911 | 1,4-Dichlorobenzene-d4 | 7.693 |

| Hit# | of                        | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|---------------------------|---|--------------|-----|---------|-------------|------|
| 1    | Octane, 3,5-dimethyl-     |   |              | 142 | C10H22  | 015869-93-9 | 64   |
| 2    | Nonane, 4-methyl-         |   |              | 142 | C10H22  | 017301-94-9 | 64   |
| 3    | Heptane, 2,3,4-trimethyl- |   |              | 142 | C10H22  | 052896-95-4 | 59   |
| 4    | Nonane, 4-methyl-         |   |              | 142 | C10H22  | 017301-94-9 | 59   |
| 5    | Undecane, 4,5-dimethyl-   |   |              | 184 | C13H28  | 017312-79-7 | 53   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100224\  
Data File : BP022208.D  
Acq On : 03 Oct 2024 23:58  
Operator : RC/JU  
Sample : P4019-22ME  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DDCJ8ME

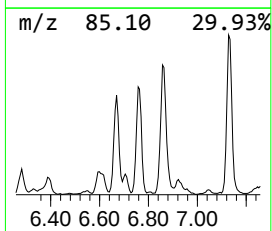
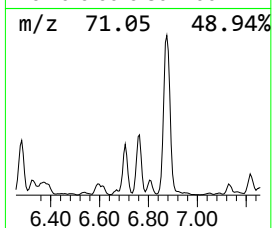
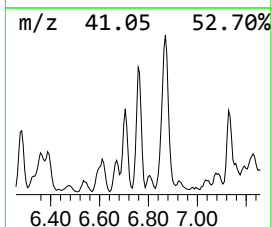
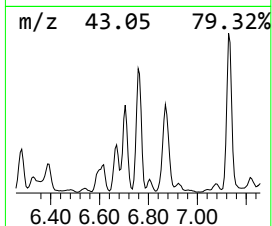
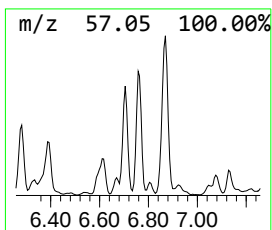
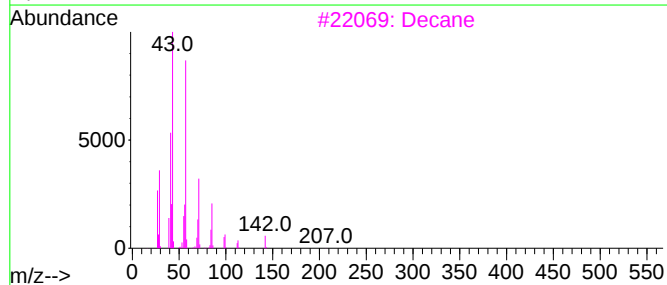
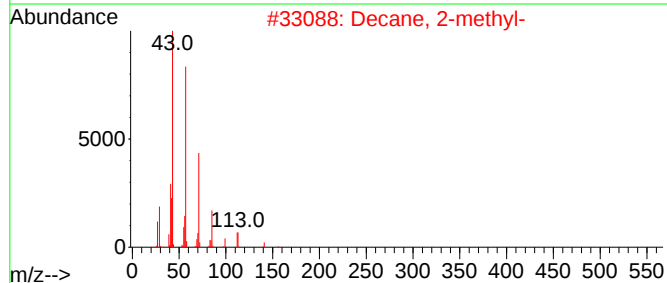
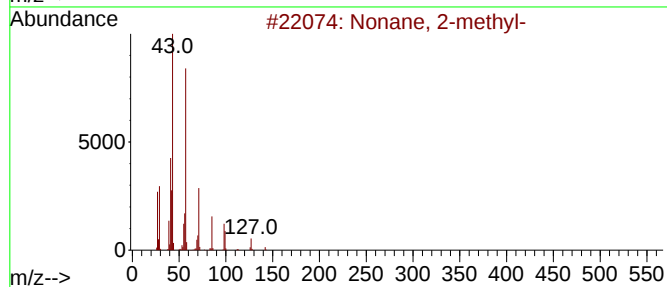
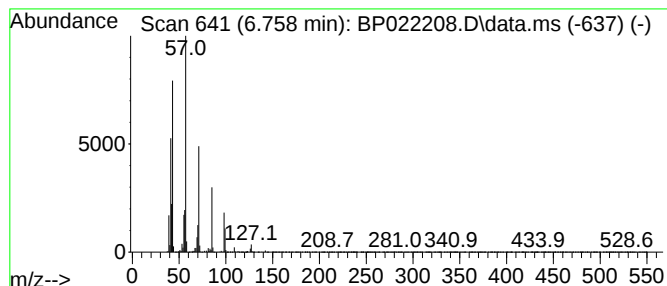
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Quant Title : SVOA CALIBRATION

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

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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 24

| R.T.      | EstConc                 | Area   | Relative to ISTD       |         |             | R.T.  |
|-----------|-------------------------|--------|------------------------|---------|-------------|-------|
| 6.758     | 10.12 ng/ul             | 721503 | 1,4-Dichlorobenzene-d4 |         |             | 7.693 |
| Hit# of 5 | Tentative ID            |        | MW                     | MolForm | CAS#        | Qual  |
| 1         | Nonane, 2-methyl-       |        | 142                    | C10H22  | 000871-83-0 | 90    |
| 2         | Decane, 2-methyl-       |        | 156                    | C11H24  | 006975-98-0 | 64    |
| 3         | Decane                  |        | 142                    | C10H22  | 000124-18-5 | 59    |
| 4         | Undecane, 3,7-dimethyl- |        | 184                    | C13H28  | 017301-29-0 | 53    |
| 5         | Nonane                  |        | 128                    | C9H20   | 000111-84-2 | 53    |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100224\  
Data File : BP022208.D  
Acq On : 03 Oct 2024 23:58  
Operator : RC/JU  
Sample : P4019-22ME  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DDCJ8ME

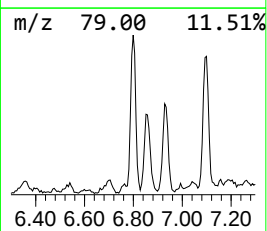
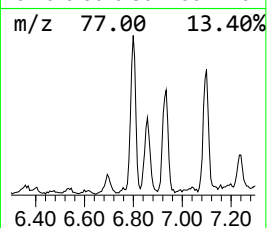
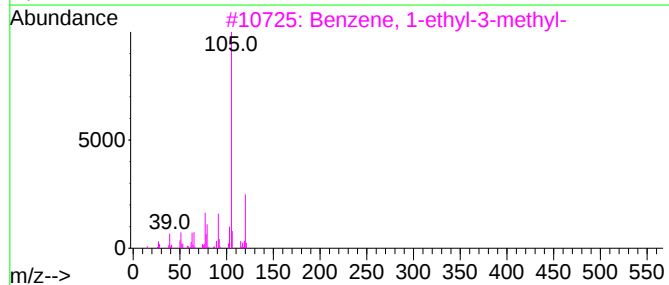
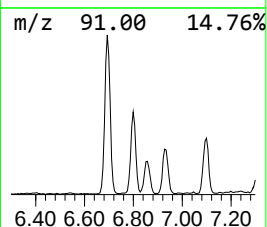
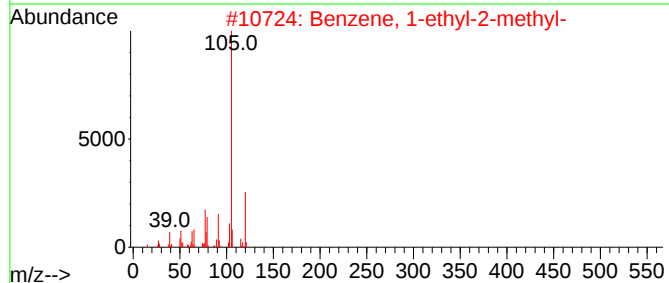
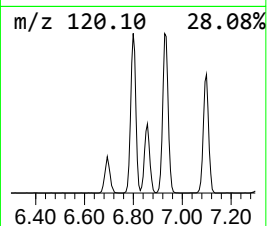
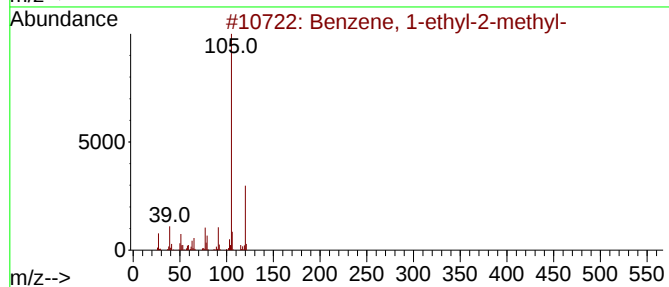
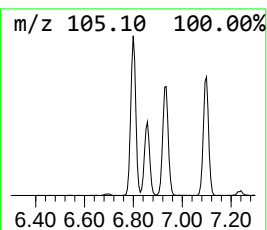
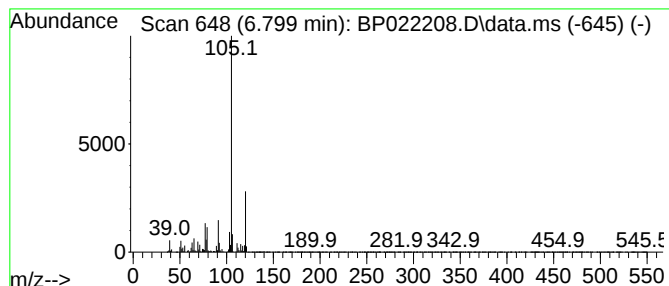
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Quant Title : SVOA CALIBRATION

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

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Peak Number 4 Benzene, 1-ethyl-2-methyl- Concentration Rank 42

| R.T.  | EstConc    | Area   | Relative to ISTD       | R.T.  |
|-------|------------|--------|------------------------|-------|
| 6.799 | 7.53 ng/ul | 537165 | 1,4-Dichlorobenzene-d4 | 7.693 |

| Hit# | of | 5 | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1-ethyl-2-methyl- | 120 | C9H12   | 000611-14-3 | 94   |
| 2    |    |   | Benzene, 1-ethyl-2-methyl- | 120 | C9H12   | 000611-14-3 | 94   |
| 3    |    |   | Benzene, 1-ethyl-3-methyl- | 120 | C9H12   | 000620-14-4 | 94   |
| 4    |    |   | Benzene, 1-ethyl-3-methyl- | 120 | C9H12   | 000620-14-4 | 91   |
| 5    |    |   | Benzene, 1-ethyl-4-methyl- | 120 | C9H12   | 000622-96-8 | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100224\  
Data File : BP022208.D  
Acq On : 03 Oct 2024 23:58  
Operator : RC/JU  
Sample : P4019-22ME  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
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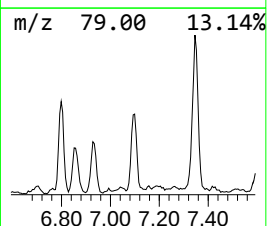
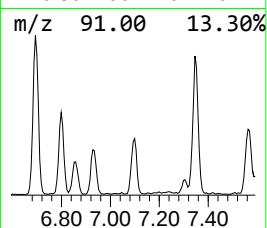
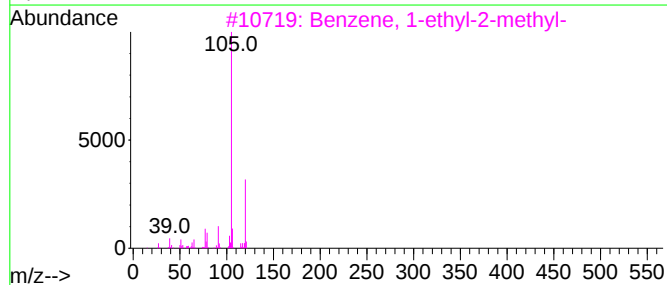
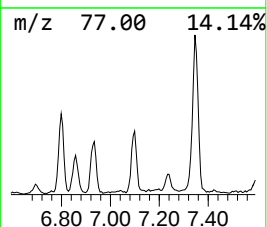
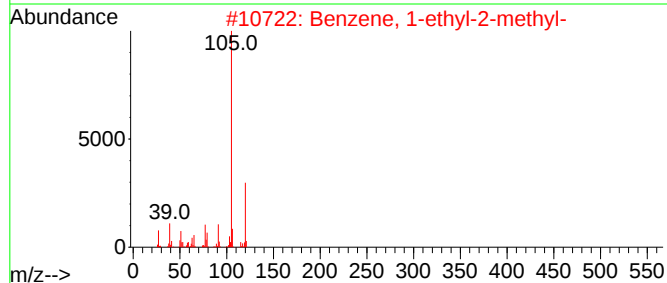
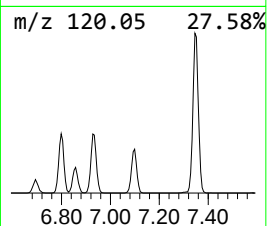
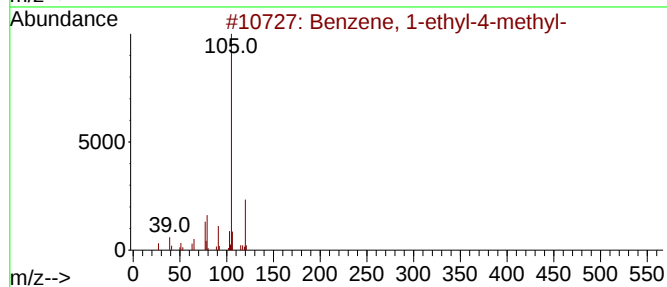
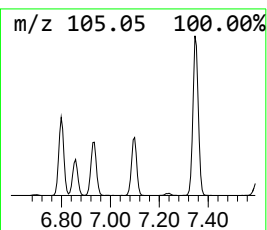
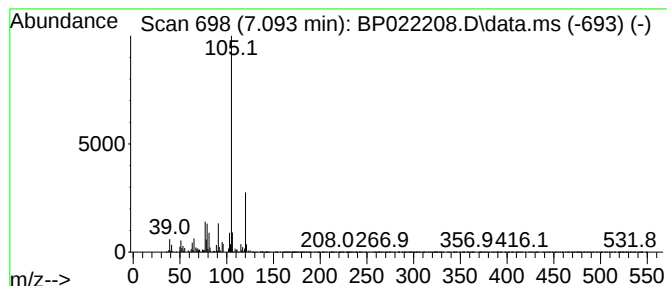
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Quant Title : SVOA CALIBRATION

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

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Peak Number 5 Benzene, 1-ethyl-4-methyl- Concentration Rank 48

| R.T.  | EstConc    | Area   | Relative to ISTD       | R.T.  |
|-------|------------|--------|------------------------|-------|
| 7.093 | 6.10 ng/ul | 435374 | 1,4-Dichlorobenzene-d4 | 7.693 |

| Hit# | of | 5 | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1-ethyl-4-methyl- | 120 | C9H12   | 000622-96-8 | 93   |
| 2    |    |   | Benzene, 1-ethyl-2-methyl- | 120 | C9H12   | 000611-14-3 | 90   |
| 3    |    |   | Benzene, 1-ethyl-2-methyl- | 120 | C9H12   | 000611-14-3 | 90   |
| 4    |    |   | Mesitylene                 | 120 | C9H12   | 000108-67-8 | 90   |
| 5    |    |   | Benzene, 1,2,3-trimethyl-  | 120 | C9H12   | 000526-73-8 | 90   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100224\  
Data File : BP022208.D  
Acq On : 03 Oct 2024 23:58  
Operator : RC/JU  
Sample : P4019-22ME  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
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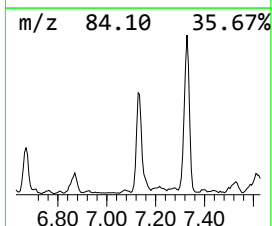
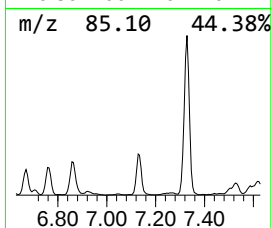
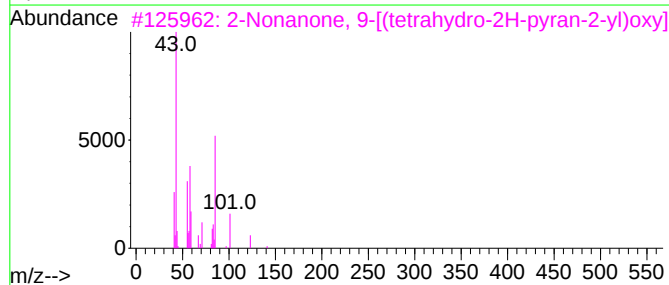
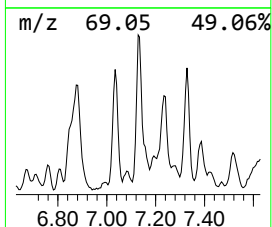
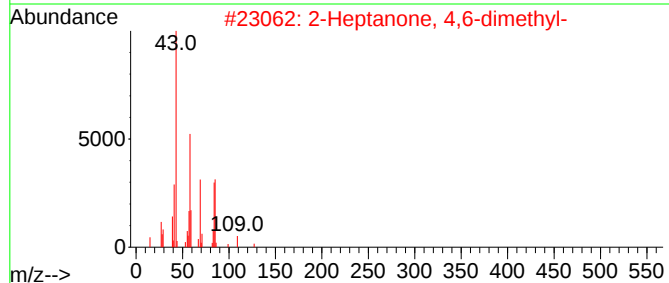
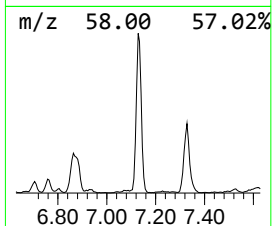
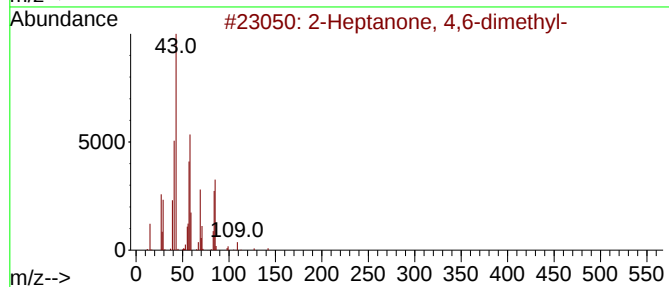
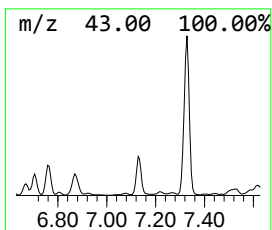
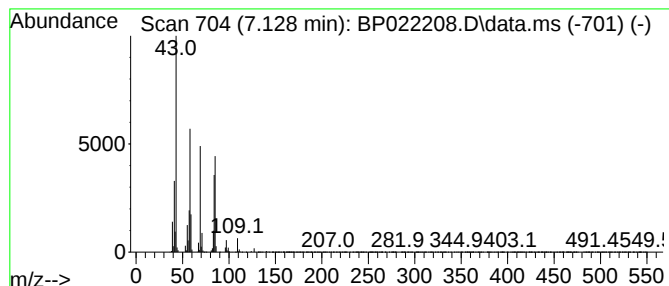
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Quant Title : SVOA CALIBRATION

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

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Peak Number 6 2-Heptanone, 4,6-dimethyl- Concentration Rank 23

| R.T.  | EstConc     | Area   | Relative to ISTD       | R.T.  |
|-------|-------------|--------|------------------------|-------|
| 7.128 | 10.65 ng/ul | 759634 | 1,4-Dichlorobenzene-d4 | 7.693 |

| Hit# | of                                  | 5   | Tentative ID | MW          | MolForm | CAS# | Qual |
|------|-------------------------------------|-----|--------------|-------------|---------|------|------|
| 1    | 2-Heptanone, 4,6-dimethyl-          | 142 | C9H18O       | 019549-80-5 | 72      |      |      |
| 2    | 2-Heptanone, 4,6-dimethyl-          | 142 | C9H18O       | 019549-80-5 | 59      |      |      |
| 3    | 2-Nonanone, 9-[(tetrahydro-2H-py... | 242 | C14H26O3     | 054699-41-1 | 50      |      |      |
| 4    | Hexane, 3-ethyl-                    | 114 | C8H18        | 000619-99-8 | 43      |      |      |
| 5    | Pentane, 3-ethyl-2,4-dimethyl-      | 128 | C9H20        | 001068-87-7 | 43      |      |      |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100224\  
Data File : BP022208.D  
Acq On : 03 Oct 2024 23:58  
Operator : RC/JU  
Sample : P4019-22ME  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

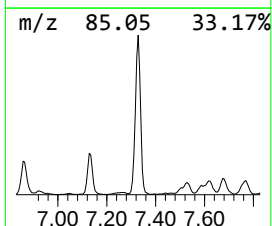
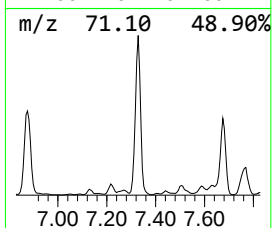
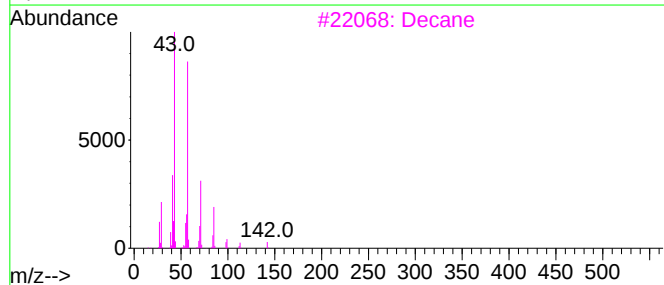
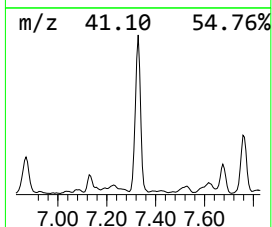
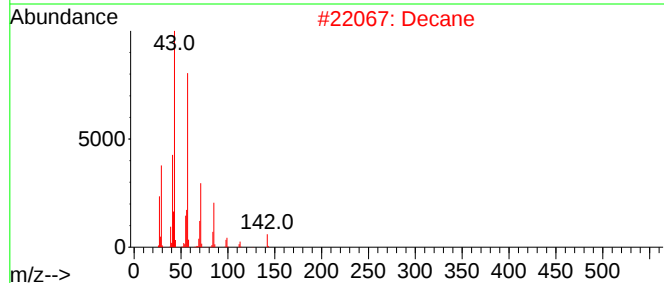
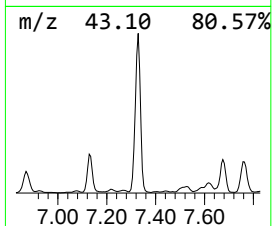
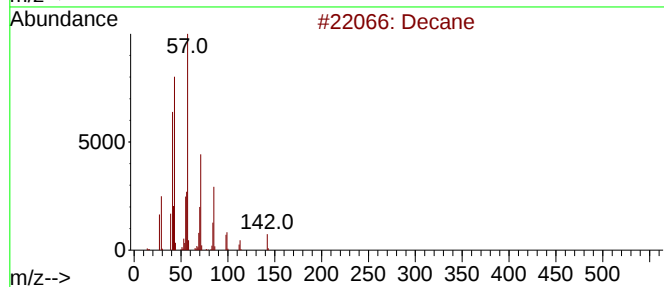
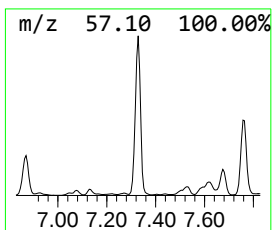
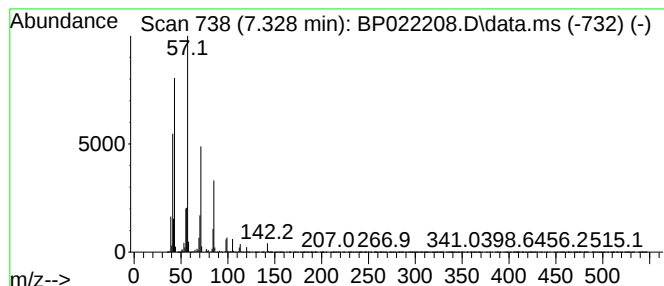
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BNA\_P  
ClientSampleId :  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP092424.MA.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 1

| R.T.      | EstConc      | Area    | Relative to ISTD       |         |             | R.T.  |
|-----------|--------------|---------|------------------------|---------|-------------|-------|
| 7.328     | 68.39 ng/ul  | 4877730 | 1,4-Dichlorobenzene-d4 |         |             | 7.693 |
| Hit# of 5 | Tentative ID |         | MW                     | MolForm | CAS#        | Qual  |
| 1         | Decane       |         | 142                    | C10H22  | 000124-18-5 | 95    |
| 2         | Decane       |         | 142                    | C10H22  | 000124-18-5 | 95    |
| 3         | Decane       |         | 142                    | C10H22  | 000124-18-5 | 94    |
| 4         | Tetradecane  |         | 198                    | C14H30  | 000629-59-4 | 86    |
| 5         | Tridecane    |         | 184                    | C13H28  | 000629-50-5 | 78    |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100224\  
Data File : BP022208.D  
Acq On : 03 Oct 2024 23:58  
Operator : RC/JU  
Sample : P4019-22ME  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
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Quant Title : SVOA CALIBRATION

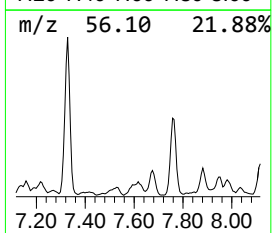
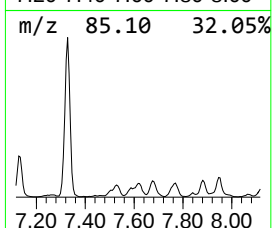
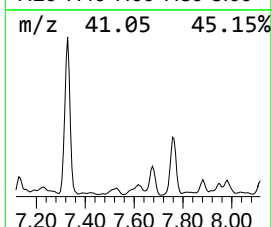
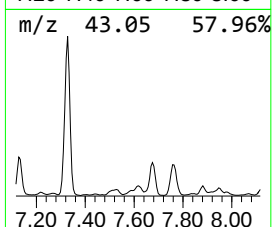
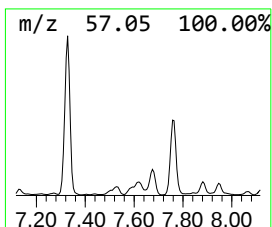
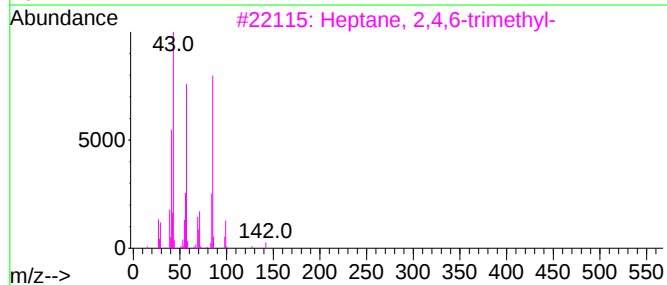
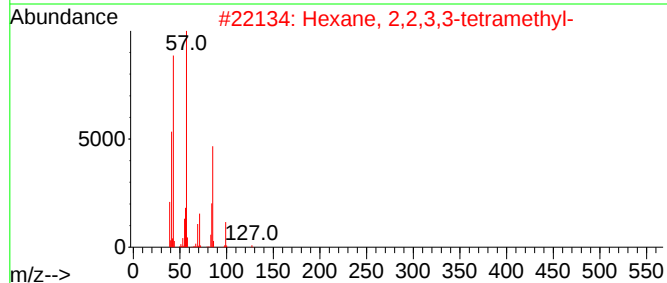
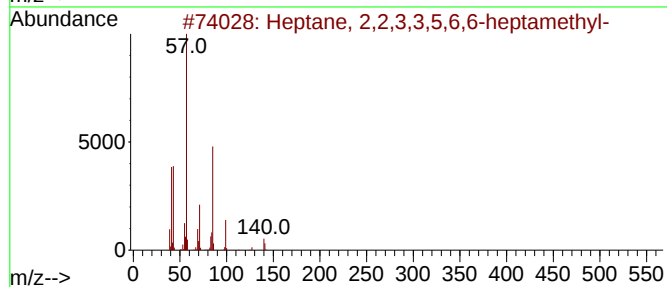
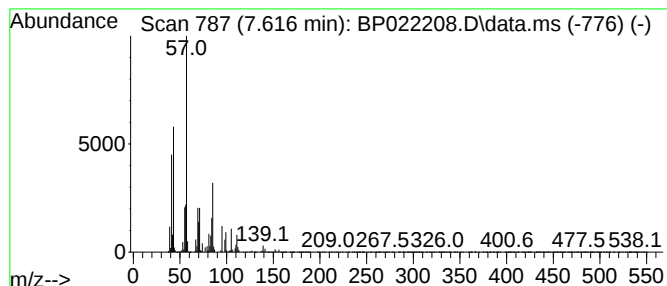
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TIC Integration Parameters: LSCINT.P

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Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 33

| R.T.  | EstConc    | Area   | Relative to ISTD       | R.T.  |
|-------|------------|--------|------------------------|-------|
| 7.616 | 8.24 ng/ul | 588014 | 1,4-Dichlorobenzene-d4 | 7.693 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | Heptane, 2,2,3,3,5,6,6-heptamethyl- | 198 | C14H30    | 007225-67-4  | 47   |
| 2    |    |   | Hexane, 2,2,3,3-tetramethyl-        | 142 | C10H22    | 013475-81-5  | 43   |
| 3    |    |   | Heptane, 2,4,6-trimethyl-           | 142 | C10H22    | 002613-61-8  | 43   |
| 4    |    |   | Heptane, 3-ethyl-2-methyl-          | 142 | C10H22    | 014676-29-0  | 43   |
| 5    |    |   | Sulfurous acid, hexyl heptyl ester  | 264 | C13H28O3S | 1000309-12-9 | 38   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100224\  
Data File : BP022208.D  
Acq On : 03 Oct 2024 23:58  
Operator : RC/JU  
Sample : P4019-22ME  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DDCJ8ME

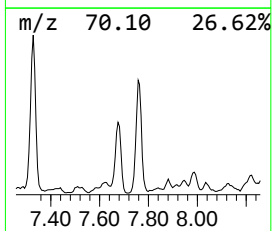
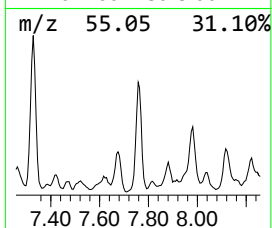
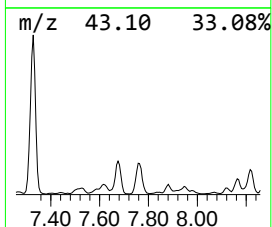
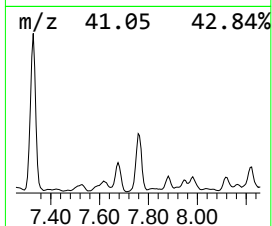
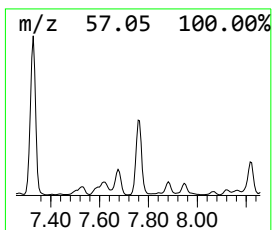
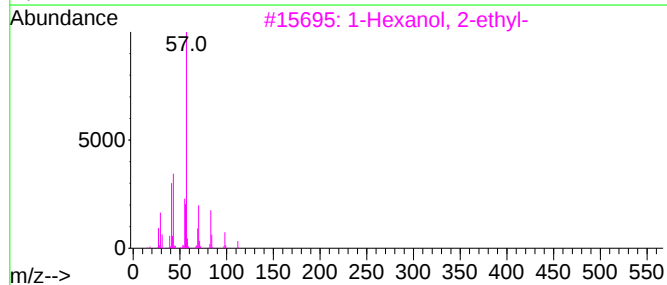
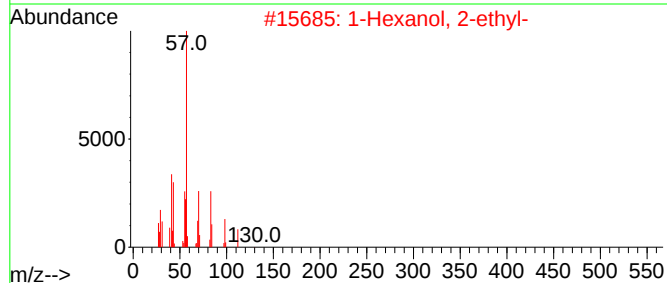
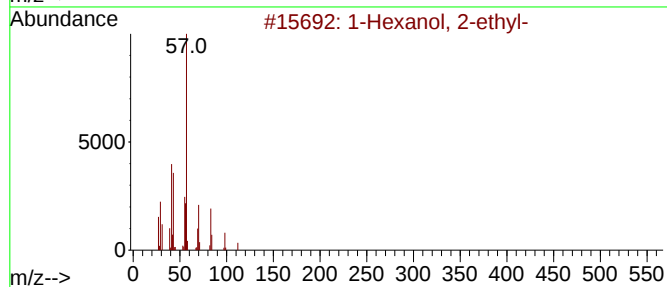
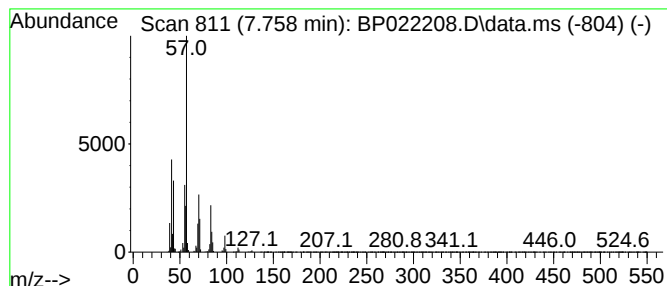
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Quant Title : SVOA CALIBRATION

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

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Peak Number 9 1-Hexanol, 2-ethyl- Concentration Rank 6

| R.T.  | EstConc     | Area    | Relative to ISTD       | R.T.  |
|-------|-------------|---------|------------------------|-------|
| 7.758 | 22.86 ng/ul | 1630720 | 1,4-Dichlorobenzene-d4 | 7.693 |

| Hit# | of                  | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|---------------------|---|--------------|-----|---------|-------------|------|
| 1    | 1-Hexanol, 2-ethyl- |   |              | 130 | C8H18O  | 000104-76-7 | 78   |
| 2    | 1-Hexanol, 2-ethyl- |   |              | 130 | C8H18O  | 000104-76-7 | 64   |
| 3    | 1-Hexanol, 2-ethyl- |   |              | 130 | C8H18O  | 000104-76-7 | 56   |
| 4    | 2-Propyl-1-pentanol |   |              | 130 | C8H18O  | 058175-57-8 | 53   |
| 5    | 1-Hexanol, 2-ethyl- |   |              | 130 | C8H18O  | 000104-76-7 | 53   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100224\  
Data File : BP022208.D  
Acq On : 03 Oct 2024 23:58  
Operator : RC/JU  
Sample : P4019-22ME  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DDCJ8ME

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP092424.MA.M  
Quant Title : SVOA CALIBRATION

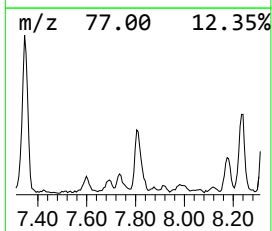
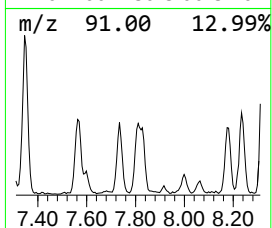
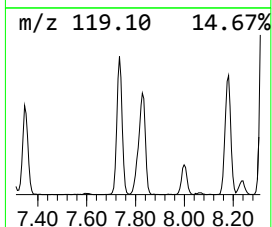
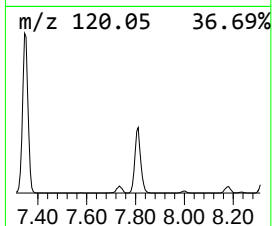
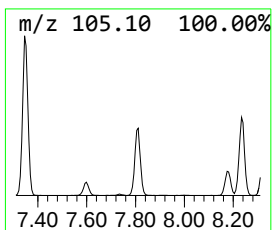
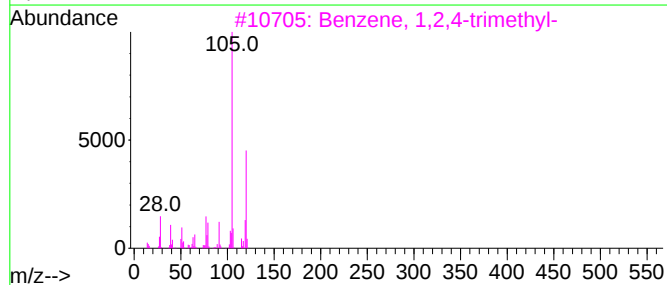
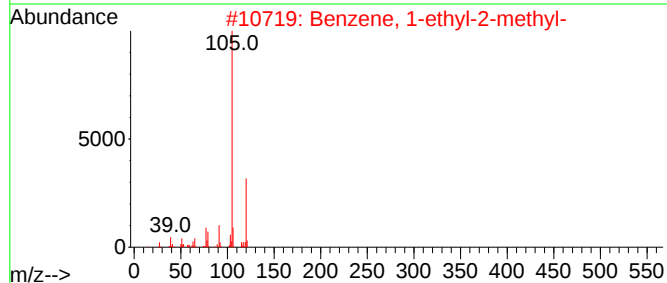
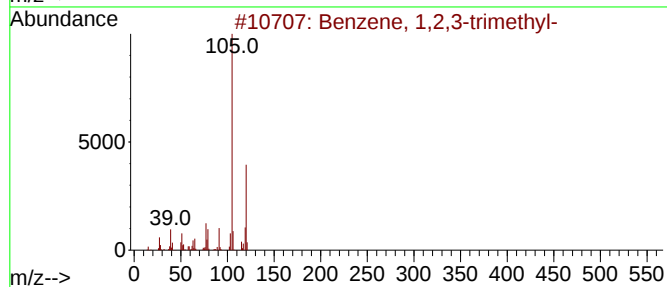
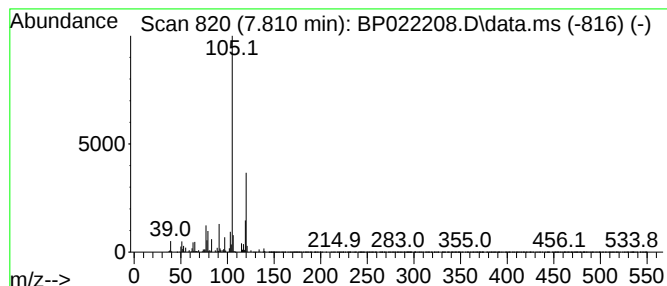
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TIC Integration Parameters: LSCINT.P

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Peak Number 10 Benzene, 1,2,3-trimethyl- Concentration Rank 39

| R.T.  | EstConc    | Area   | Relative to ISTD       | R.T.  |
|-------|------------|--------|------------------------|-------|
| 7.810 | 7.68 ng/ul | 547824 | 1,4-Dichlorobenzene-d4 | 7.693 |

| Hit# | of 5 | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|------|----------------------------|-----|---------|-------------|------|
| 1    |      | Benzene, 1,2,3-trimethyl-  | 120 | C9H12   | 000526-73-8 | 95   |
| 2    |      | Benzene, 1-ethyl-2-methyl- | 120 | C9H12   | 000611-14-3 | 93   |
| 3    |      | Benzene, 1,2,4-trimethyl-  | 120 | C9H12   | 000095-63-6 | 93   |
| 4    |      | Benzene, 1,2,3-trimethyl-  | 120 | C9H12   | 000526-73-8 | 91   |
| 5    |      | Benzene, 1,2,4-trimethyl-  | 120 | C9H12   | 000095-63-6 | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100224\  
Data File : BP022208.D  
Acq On : 03 Oct 2024 23:58  
Operator : RC/JU  
Sample : P4019-22ME  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DDCJ8ME

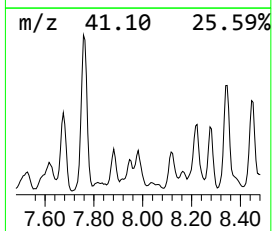
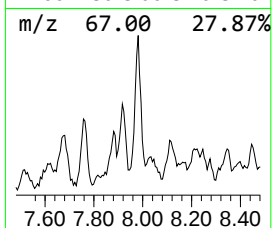
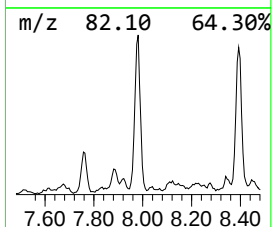
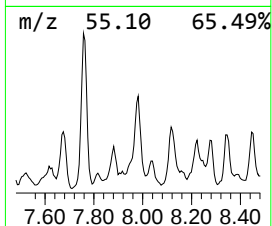
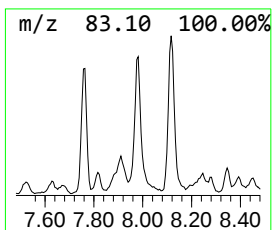
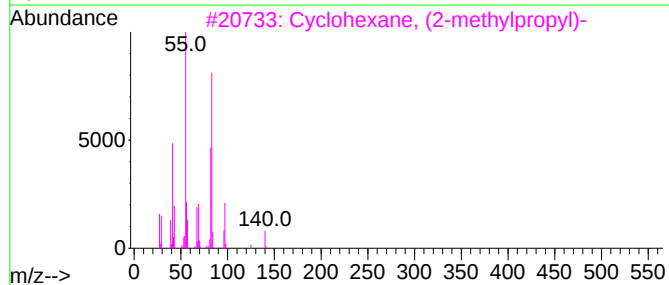
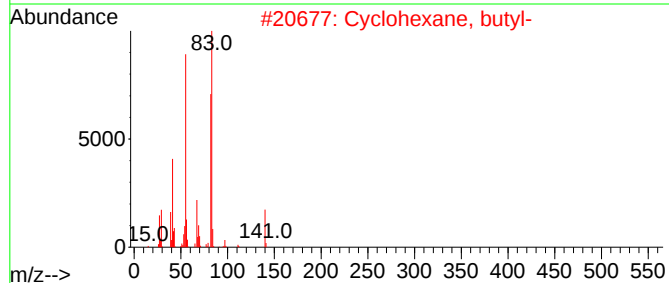
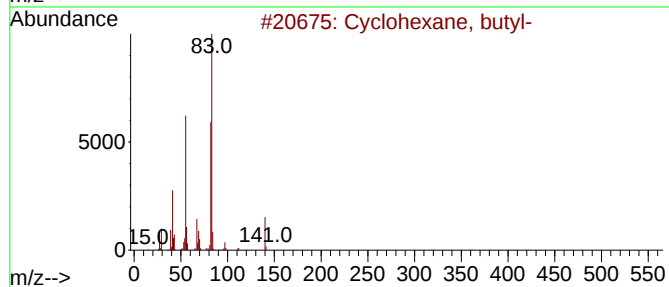
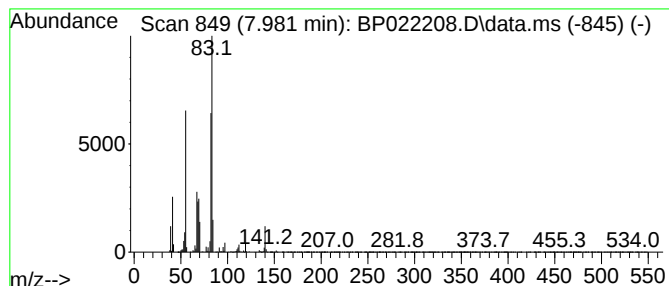
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Quant Title : SVOA CALIBRATION

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

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Peak Number 11 (DEL) Alkane: Cyclic7.981 Concentration Rank 41

| R.T.  | EstConc    | Area   | Relative to ISTD       | R.T.  |
|-------|------------|--------|------------------------|-------|
| 7.981 | 7.58 ng/ul | 540580 | 1,4-Dichlorobenzene-d4 | 7.693 |

| Hit# | of | 5 | Tentative ID                   | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------------------------|-----|---------|-------------|------|
| 1    |    |   | Cyclohexane, butyl-            | 140 | C10H20  | 001678-93-9 | 64   |
| 2    |    |   | Cyclohexane, butyl-            | 140 | C10H20  | 001678-93-9 | 64   |
| 3    |    |   | Cyclohexane, (2-methylpropyl)- | 140 | C10H20  | 001678-98-4 | 59   |
| 4    |    |   | Cyclohexane, octyl-            | 196 | C14H28  | 001795-15-9 | 59   |
| 5    |    |   | Cyclohexane, octyl-            | 196 | C14H28  | 001795-15-9 | 59   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100224\  
Data File : BP022208.D  
Acq On : 03 Oct 2024 23:58  
Operator : RC/JU  
Sample : P4019-22ME  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DDCJ8ME

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP092424.MA.M  
Quant Title : SVOA CALIBRATION

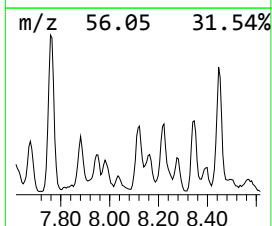
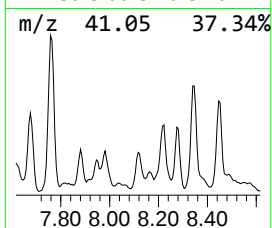
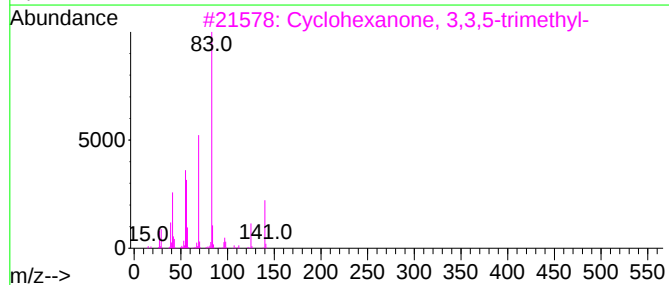
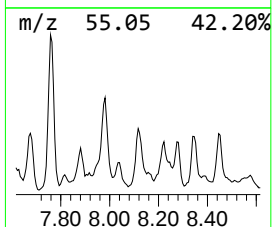
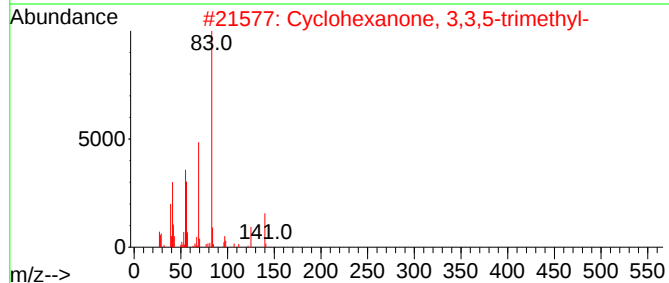
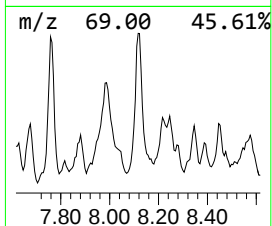
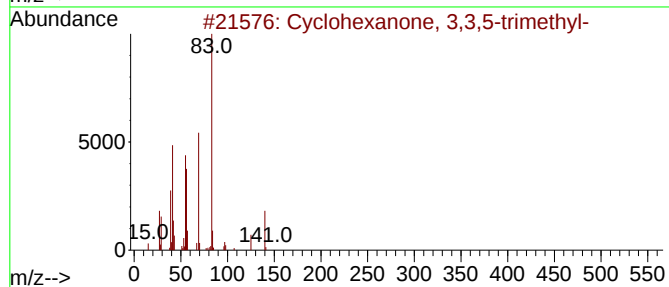
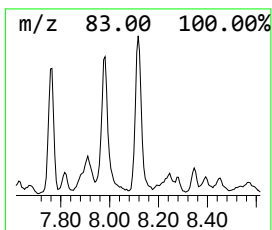
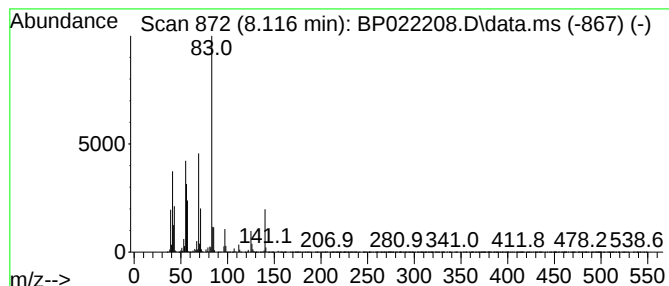
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TIC Integration Parameters: LSCINT.P

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Peak Number 12 Cyclohexanone, 3,3,5-trimet... Concentration Rank 36

| R.T.  | EstConc    | Area   | Relative to ISTD       | R.T.  |
|-------|------------|--------|------------------------|-------|
| 8.116 | 7.97 ng/ul | 568229 | 1,4-Dichlorobenzene-d4 | 7.693 |

| Hit# | of | 5 | Tentative ID                    | MW  | MolForm | CAS#        | Qual |
|------|----|---|---------------------------------|-----|---------|-------------|------|
| 1    |    |   | Cyclohexanone, 3,3,5-trimethyl- | 140 | C9H16O  | 000873-94-9 | 76   |
| 2    |    |   | Cyclohexanone, 3,3,5-trimethyl- | 140 | C9H16O  | 000873-94-9 | 76   |
| 3    |    |   | Cyclohexanone, 3,3,5-trimethyl- | 140 | C9H16O  | 000873-94-9 | 76   |
| 4    |    |   | Cyclohexanone, 3,3,5-trimethyl- | 140 | C9H16O  | 000873-94-9 | 68   |
| 5    |    |   | Cyclohexane, (2-methylpropyl)-  | 140 | C10H20  | 001678-98-4 | 53   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100224\  
Data File : BP022208.D  
Acq On : 03 Oct 2024 23:58  
Operator : RC/JU  
Sample : P4019-22ME  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DDCJ8ME

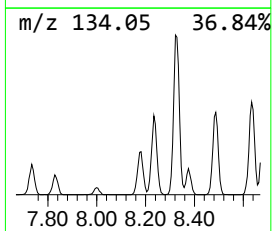
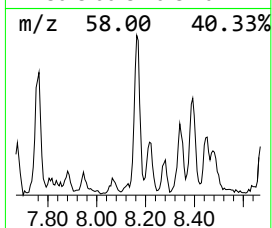
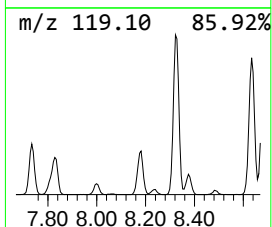
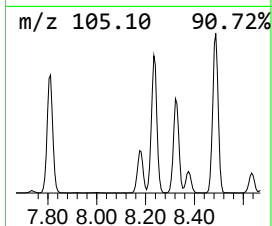
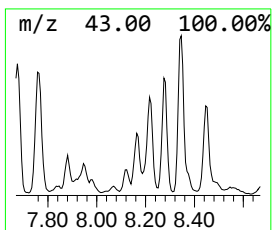
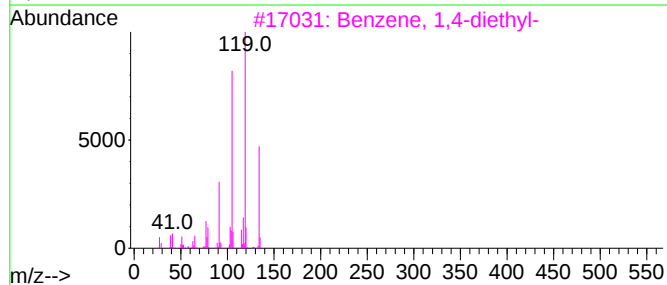
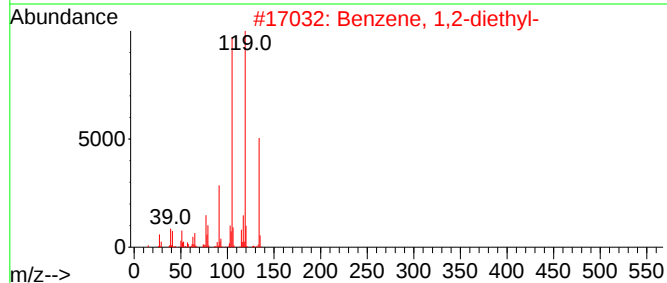
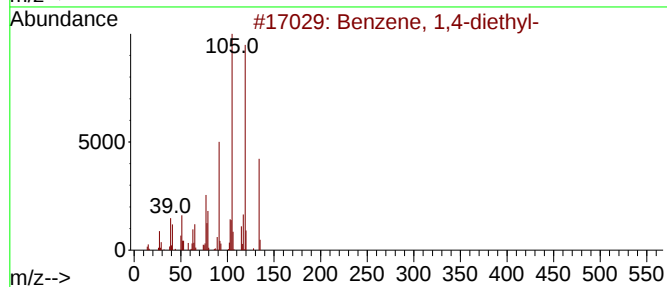
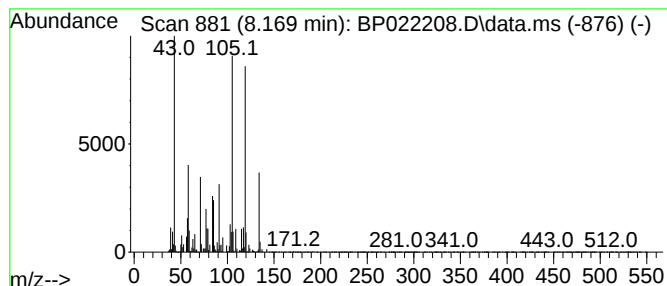
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Quant Title : SVOA CALIBRATION

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

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Peak Number 13 Benzene, 1,4-diethyl- Concentration Rank 25

| R.T.  | EstConc    | Area   | Relative to ISTD       | R.T.  |
|-------|------------|--------|------------------------|-------|
| 8.169 | 9.73 ng/ul | 693951 | 1,4-Dichlorobenzene-d4 | 7.693 |

| Hit# | of | 5 | Tentative ID          | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1,4-diethyl- | 134 | C10H14  | 000105-05-5 | 95   |
| 2    |    |   | Benzene, 1,2-diethyl- | 134 | C10H14  | 000135-01-3 | 95   |
| 3    |    |   | Benzene, 1,4-diethyl- | 134 | C10H14  | 000105-05-5 | 92   |
| 4    |    |   | Benzene, 1,4-diethyl- | 134 | C10H14  | 000105-05-5 | 90   |
| 5    |    |   | Benzene, 1,3-diethyl- | 134 | C10H14  | 000141-93-5 | 90   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100224\  
Data File : BP022208.D  
Acq On : 03 Oct 2024 23:58  
Operator : RC/JU  
Sample : P4019-22ME  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DDCJ8ME

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP092424.MA.M  
Quant Title : SVOA CALIBRATION

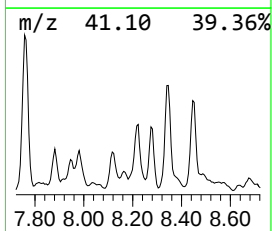
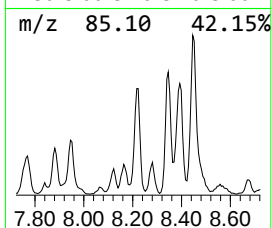
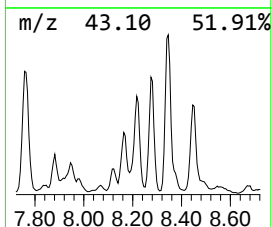
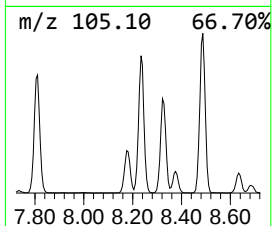
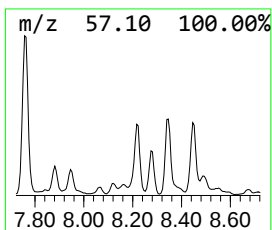
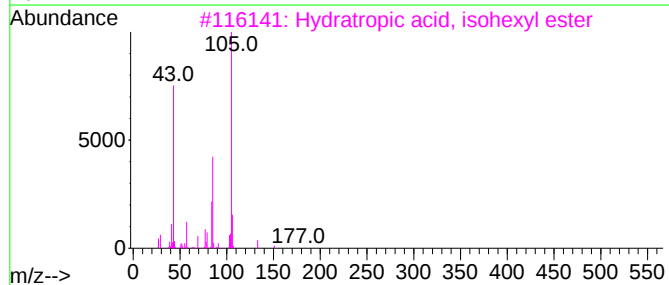
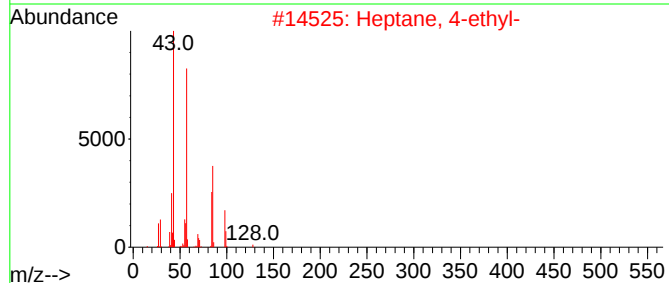
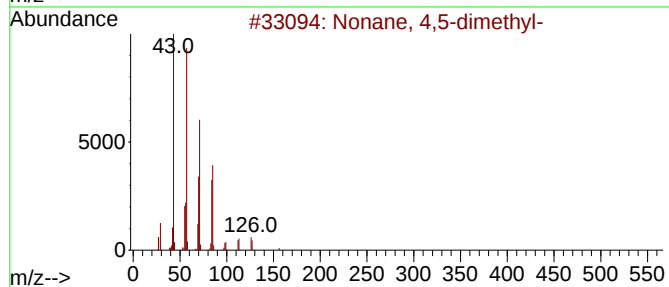
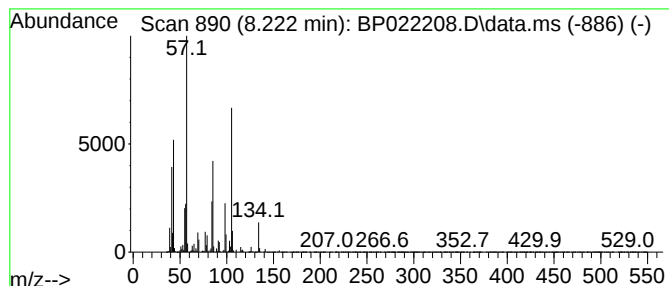
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TIC Integration Parameters: LSCINT.P

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Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 9

| R.T.  | EstConc     | Area    | Relative to ISTD       | R.T.  |
|-------|-------------|---------|------------------------|-------|
| 8.222 | 18.30 ng/ul | 1304900 | 1,4-Dichlorobenzene-d4 | 7.693 |

| Hit# | of 5 | Tentative ID                     | MW  | MolForm  | CAS#         | Qual |
|------|------|----------------------------------|-----|----------|--------------|------|
| 1    |      | Nonane, 4,5-dimethyl-            | 156 | C11H24   | 017302-23-7  | 52   |
| 2    |      | Heptane, 4-ethyl-                | 128 | C9H20    | 002216-32-2  | 50   |
| 3    |      | Hydratropic acid, isohexyl ester | 234 | C15H22O2 | 1000415-06-2 | 47   |
| 4    |      | Tetradecane, 5-methyl-           | 212 | C15H32   | 025117-32-2  | 38   |
| 5    |      | Heptane, 3-ethyl-2-methyl-       | 142 | C10H22   | 014676-29-0  | 27   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100224\  
Data File : BP022208.D  
Acq On : 03 Oct 2024 23:58  
Operator : RC/JU  
Sample : P4019-22ME  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DDCJ8ME

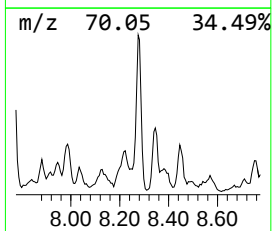
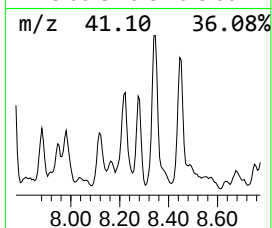
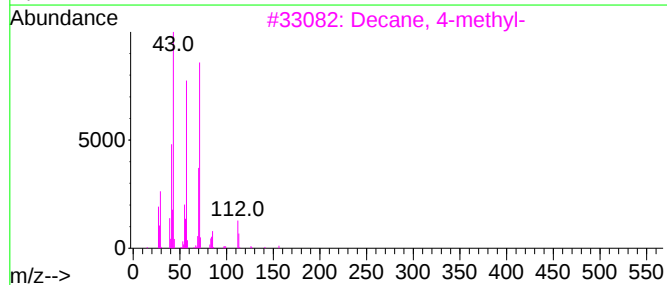
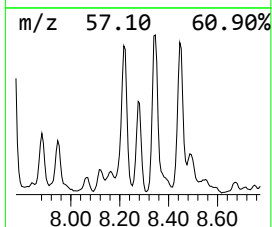
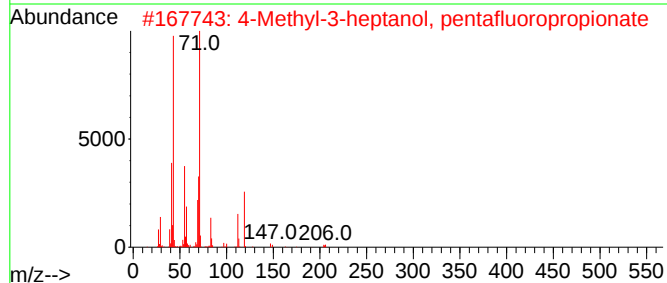
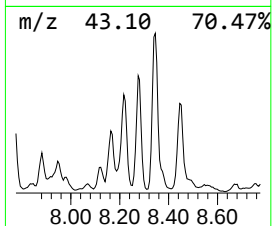
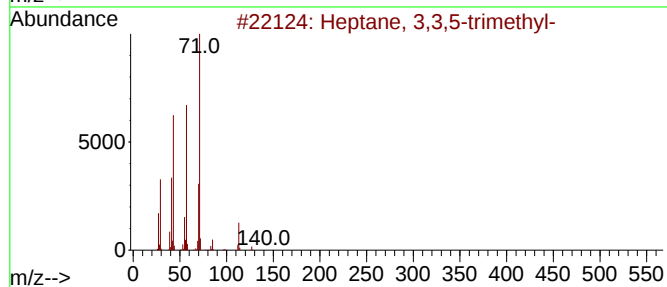
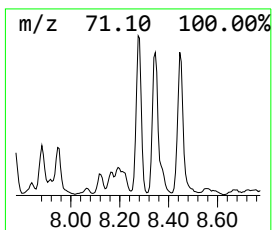
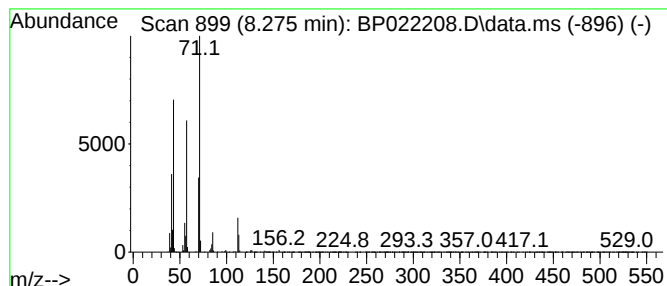
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Quant Title : SVOA CALIBRATION

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

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Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 30

| R.T.      | EstConc                             | Area   | Relative to ISTD       | R.T.         |      |
|-----------|-------------------------------------|--------|------------------------|--------------|------|
| 8.275     | 8.80 ng/ul                          | 627324 | 1,4-Dichlorobenzene-d4 | 7.693        |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm                | CAS#         | Qual |
| 1         | Heptane, 3,3,5-trimethyl-           | 142    | C10H22                 | 007154-80-5  | 72   |
| 2         | 4-Methyl-3-heptanol, pentafluoro... | 276    | C11H17F5O2             | 1000365-51-7 | 72   |
| 3         | Decane, 4-methyl-                   | 156    | C11H24                 | 002847-72-5  | 64   |
| 4         | Heptane, 3,3,5-trimethyl-           | 142    | C10H22                 | 007154-80-5  | 64   |
| 5         | 1,1-Dimethylpropyl 2-ethylhexanoate | 214    | C13H26O2               | 1000099-99-2 | 64   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100224\  
Data File : BP022208.D  
Acq On : 03 Oct 2024 23:58  
Operator : RC/JU  
Sample : P4019-22ME  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DDCJ8ME

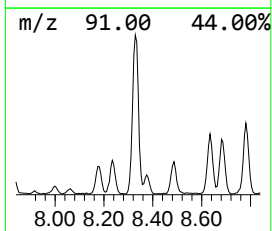
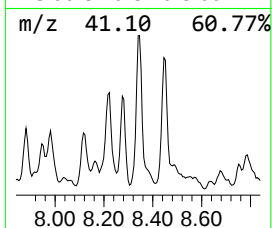
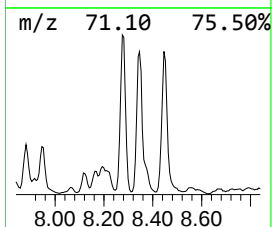
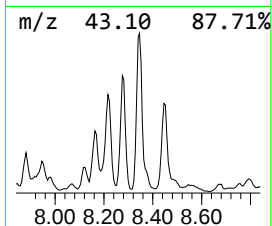
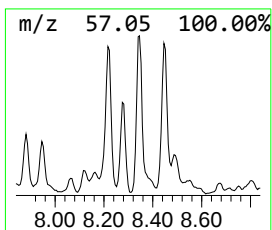
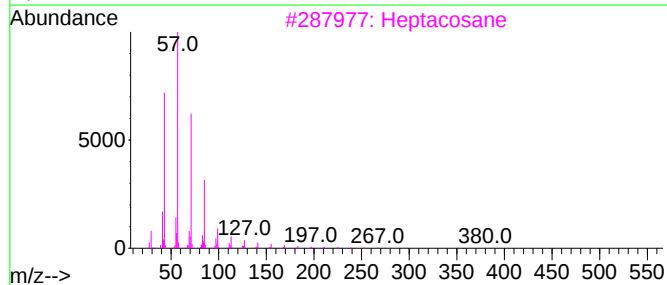
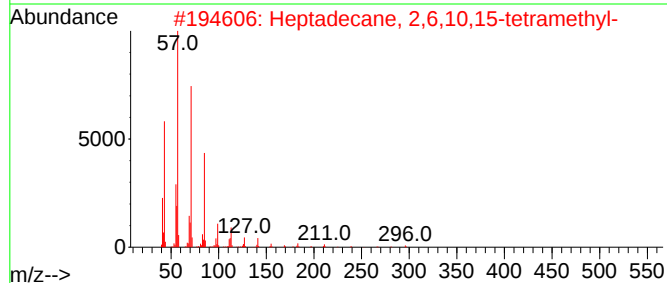
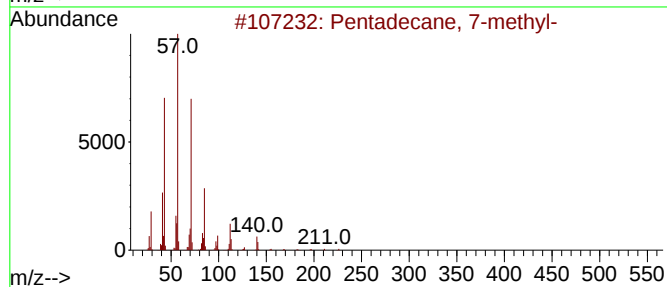
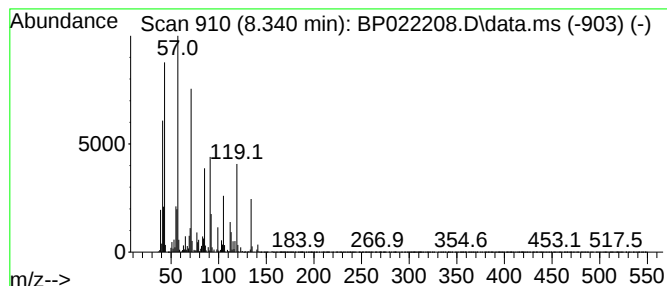
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Quant Title : SVOA CALIBRATION

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

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Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 4

| R.T.  | EstConc     | Area    | Relative to ISTD       | R.T.  |
|-------|-------------|---------|------------------------|-------|
| 8.340 | 28.83 ng/ul | 2056530 | 1,4-Dichlorobenzene-d4 | 7.693 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Pentadecane, 7-methyl-              | 226 | C16H34  | 006165-40-8 | 52   |
| 2    |    |   | Heptadecane, 2,6,10,15-tetramethyl- | 296 | C21H44  | 054833-48-6 | 49   |
| 3    |    |   | Heptacosane                         | 380 | C27H56  | 000593-49-7 | 47   |
| 4    |    |   | Tetratetracontane                   | 619 | C44H90  | 007098-22-8 | 47   |
| 5    |    |   | Pentadecane                         | 212 | C15H32  | 000629-62-9 | 47   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100224\  
Data File : BP022208.D  
Acq On : 03 Oct 2024 23:58  
Operator : RC/JU  
Sample : P4019-22ME  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP092424.MA.M  
Quant Title : SVOA CALIBRATION

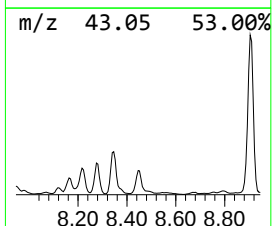
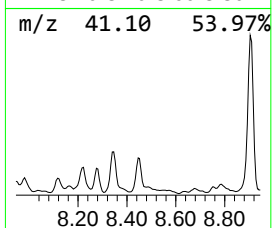
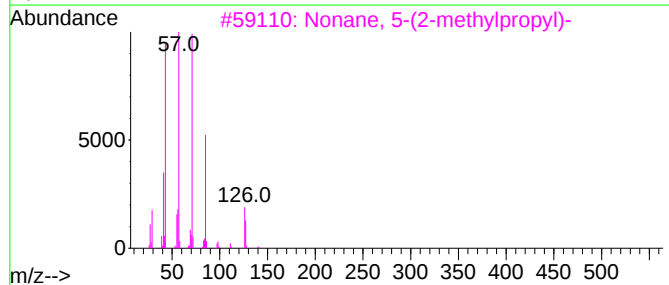
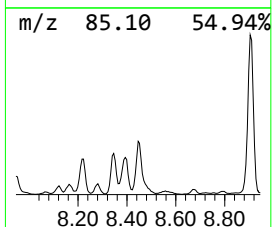
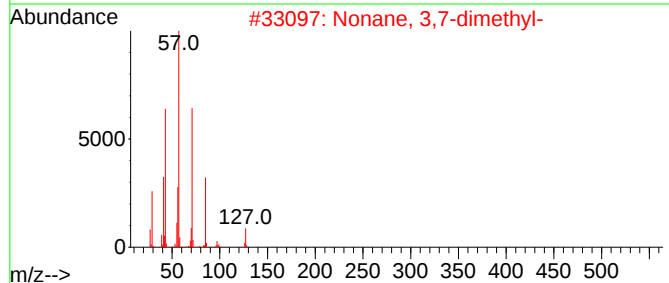
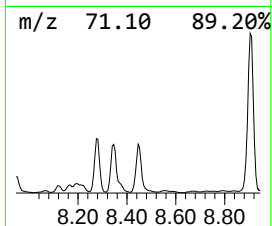
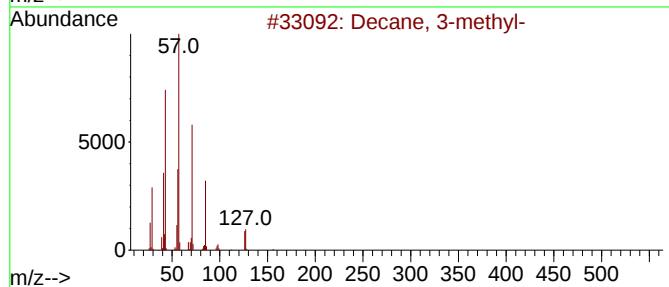
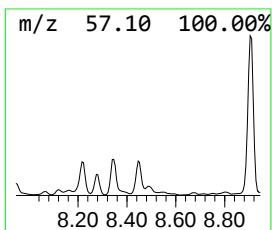
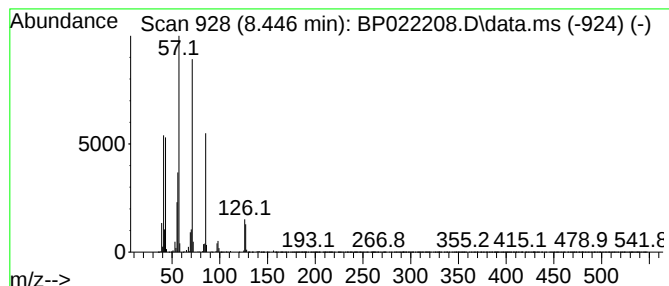
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TIC Integration Parameters: LSCINT.P

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Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 17

| R.T.  | EstConc     | Area   | Relative to ISTD       | R.T.  |
|-------|-------------|--------|------------------------|-------|
| 8.446 | 12.61 ng/ul | 899592 | 1,4-Dichlorobenzene-d4 | 7.693 |

| Hit# | of 5 | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|------|-----------------------------|-----|---------|-------------|------|
| 1    |      | Decane, 3-methyl-           | 156 | C11H24  | 013151-34-3 | 95   |
| 2    |      | Nonane, 3,7-dimethyl-       | 156 | C11H24  | 017302-32-8 | 83   |
| 3    |      | Nonane, 5-(2-methylpropyl)- | 184 | C13H28  | 062185-53-9 | 78   |
| 4    |      | Decane, 3-methyl-           | 156 | C11H24  | 013151-34-3 | 64   |
| 5    |      | Nonane, 1-iodo-             | 254 | C9H19I  | 004282-42-2 | 64   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100224\  
Data File : BP022208.D  
Acq On : 03 Oct 2024 23:58  
Operator : RC/JU  
Sample : P4019-22ME  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

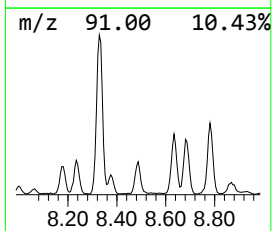
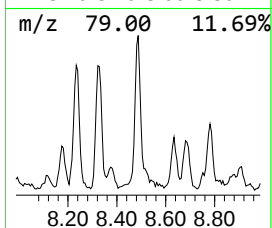
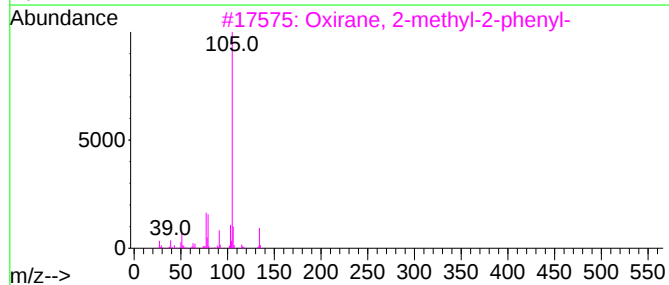
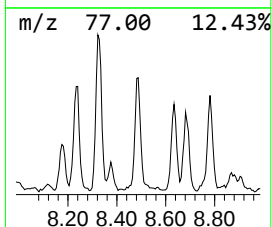
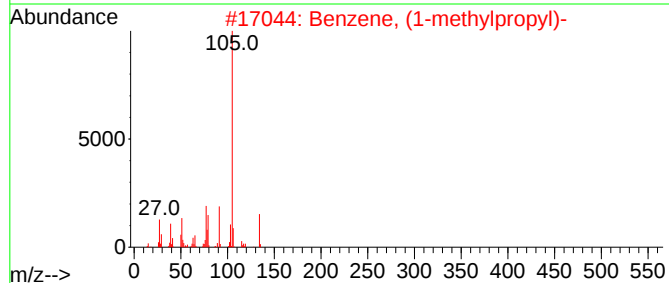
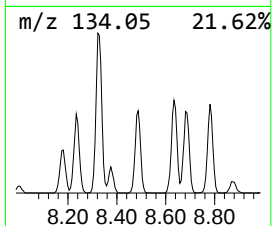
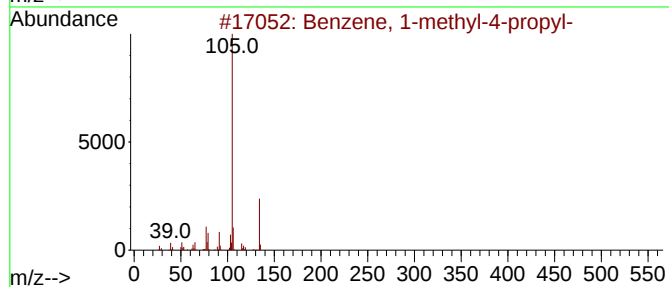
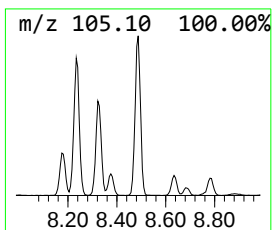
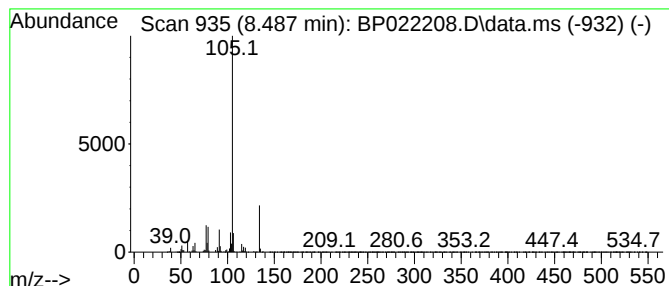
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ClientSampleId :  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP092424.MA.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 18 Benzene, 1-methyl-4-propyl- Concentration Rank 31

| R.T.      | EstConc                     | Area   | Relative to ISTD       |         |             | R.T.  |
|-----------|-----------------------------|--------|------------------------|---------|-------------|-------|
| 8.487     | 8.72 ng/ul                  | 622194 | 1,4-Dichlorobenzene-d4 |         |             | 7.693 |
| Hit# of 5 | Tentative ID                |        | MW                     | MolForm | CAS#        | Qual  |
| 1         | Benzene, 1-methyl-4-propyl- |        | 134                    | C10H14  | 001074-55-1 | 91    |
| 2         | Benzene, (1-methylpropyl)-  |        | 134                    | C10H14  | 000135-98-8 | 91    |
| 3         | Oxirane, 2-methyl-2-phenyl- |        | 134                    | C9H10O  | 002085-88-3 | 90    |
| 4         | Benzene, (1-methylpropyl)-  |        | 134                    | C10H14  | 000135-98-8 | 87    |
| 5         | Benzene, 1-methyl-2-propyl- |        | 134                    | C10H14  | 001074-17-5 | 87    |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100224\  
Data File : BP022208.D  
Acq On : 03 Oct 2024 23:58  
Operator : RC/JU  
Sample : P4019-22ME  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DDCJ8ME

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Quant Title : SVOA CALIBRATION

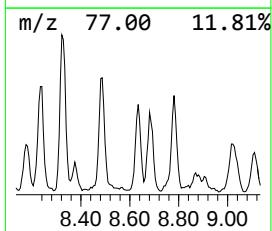
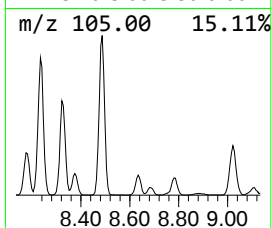
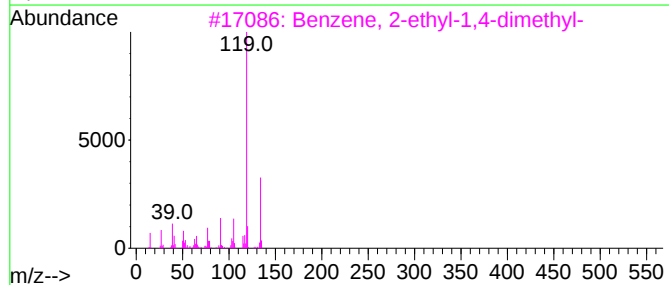
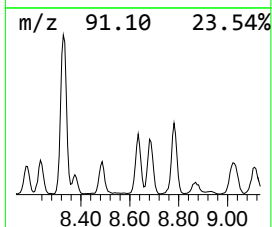
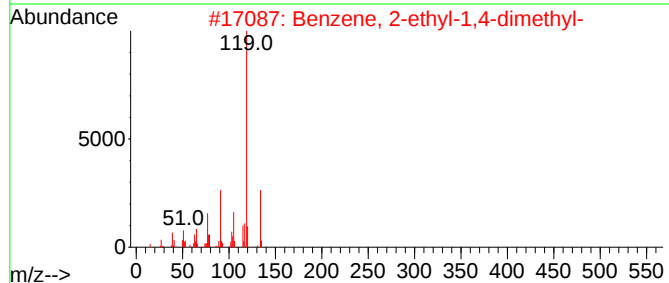
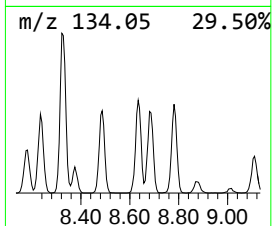
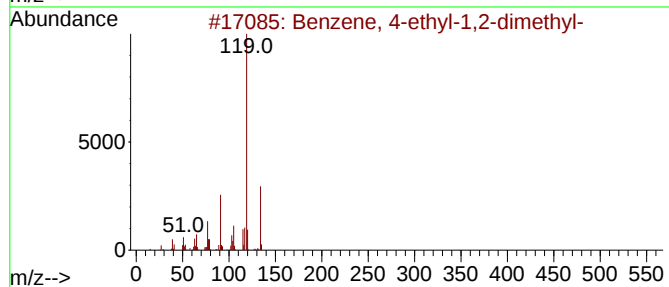
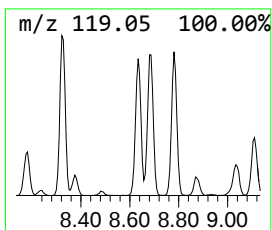
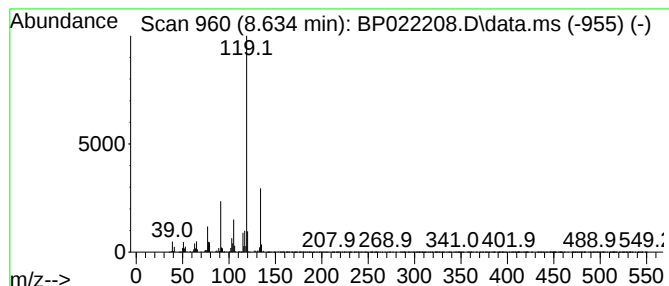
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 19 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 38

| R.T.  | EstConc    | Area   | Relative to ISTD       | R.T.  |
|-------|------------|--------|------------------------|-------|
| 8.634 | 7.82 ng/ul | 557572 | 1,4-Dichlorobenzene-d4 | 7.693 |

| Hit# | of | 5 | Tentative ID                   | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 4-ethyl-1,2-dimethyl- | 134 | C10H14  | 000934-80-5 | 97   |
| 2    |    |   | Benzene, 2-ethyl-1,4-dimethyl- | 134 | C10H14  | 001758-88-9 | 96   |
| 3    |    |   | Benzene, 2-ethyl-1,4-dimethyl- | 134 | C10H14  | 001758-88-9 | 95   |
| 4    |    |   | Benzene, 1-ethyl-2,3-dimethyl- | 134 | C10H14  | 000933-98-2 | 95   |
| 5    |    |   | Benzene, 2-ethyl-1,4-dimethyl- | 134 | C10H14  | 001758-88-9 | 95   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100224\  
Data File : BP022208.D  
Acq On : 03 Oct 2024 23:58  
Operator : RC/JU  
Sample : P4019-22ME  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DDCJ8ME

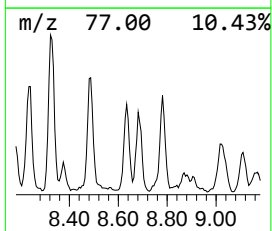
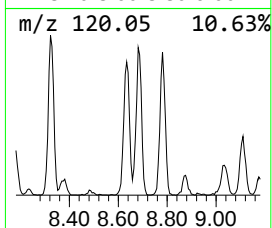
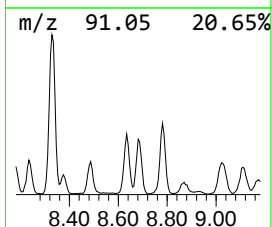
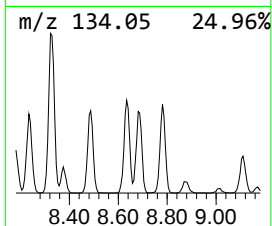
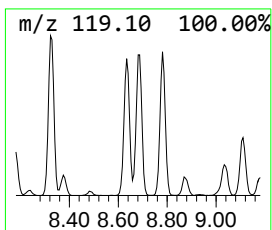
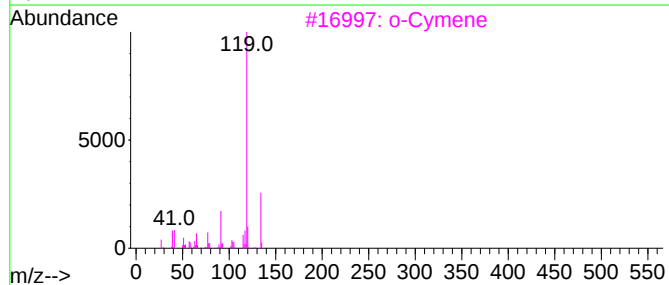
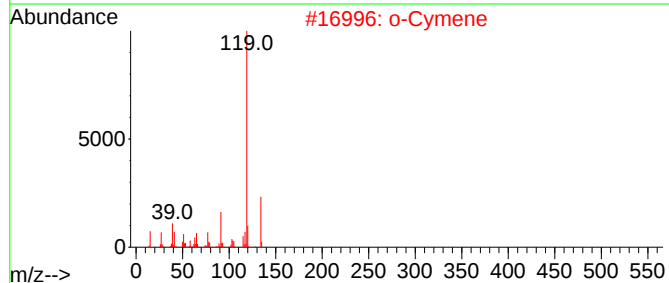
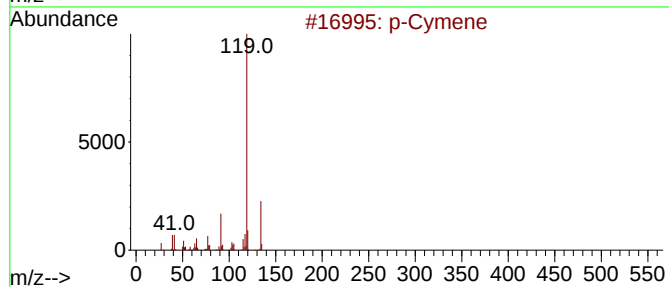
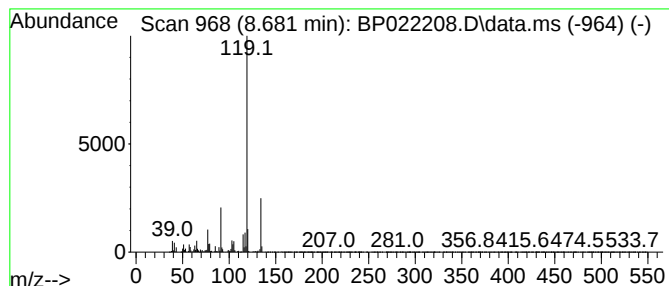
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Quant Title : SVOA CALIBRATION

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

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Peak Number 20 p-Cymene Concentration Rank 26

| R.T.  | EstConc    | Area   | Relative to ISTD       | R.T.  |
|-------|------------|--------|------------------------|-------|
| 8.681 | 9.56 ng/ul | 681837 | 1,4-Dichlorobenzene-d4 | 7.693 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | p-Cymene                            | 134 | C10H14  | 000099-87-6 | 97   |
| 2    |    |   | o-Cymene                            | 134 | C10H14  | 000527-84-4 | 97   |
| 3    |    |   | o-Cymene                            | 134 | C10H14  | 000527-84-4 | 97   |
| 4    |    |   | Benzene, 1-methyl-3-(1-methyleth... | 134 | C10H14  | 000535-77-3 | 97   |
| 5    |    |   | 1,3,5-Cycloheptatriene, 3,7,7-tr... | 134 | C10H14  | 003479-89-8 | 96   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100224\  
Data File : BP022208.D  
Acq On : 03 Oct 2024 23:58  
Operator : RC/JU  
Sample : P4019-22ME  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DDCJ8ME

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP092424.MA.M  
Quant Title : SVOA CALIBRATION

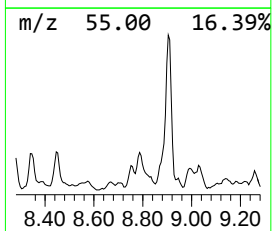
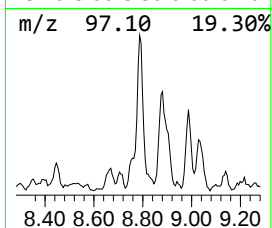
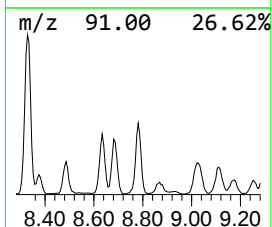
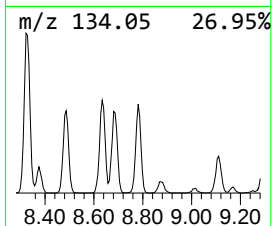
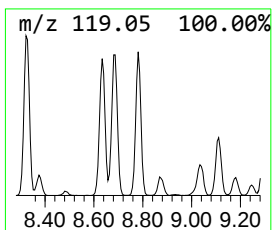
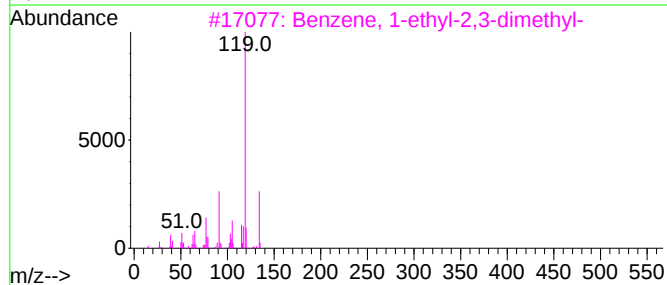
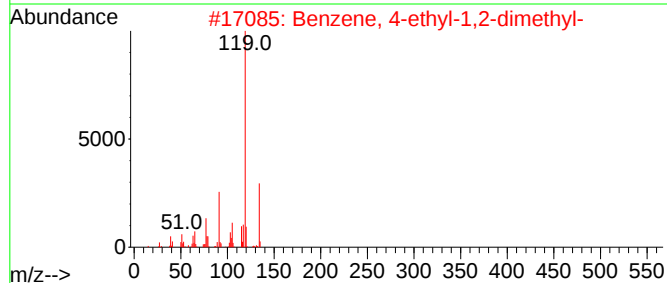
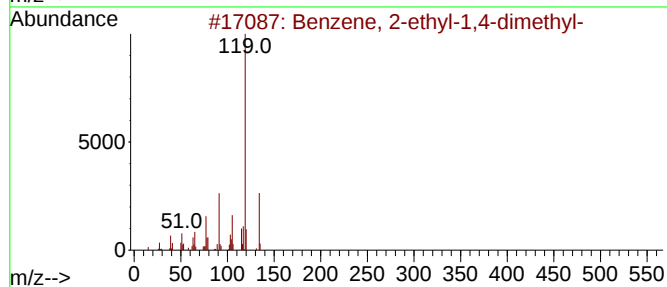
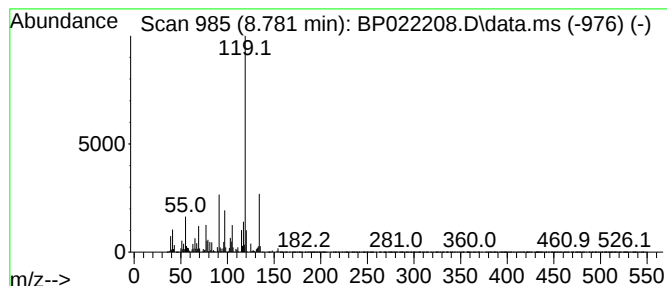
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TIC Integration Parameters: LSCINT.P

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Peak Number 21 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 12

| R.T.  | EstConc     | Area    | Relative to ISTD       | R.T.  |
|-------|-------------|---------|------------------------|-------|
| 8.781 | 16.77 ng/ul | 1196380 | 1,4-Dichlorobenzene-d4 | 7.693 |

| Hit# | of | 5 | Tentative ID                   | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 2-ethyl-1,4-dimethyl- | 134 | C10H14  | 001758-88-9 | 96   |
| 2    |    |   | Benzene, 4-ethyl-1,2-dimethyl- | 134 | C10H14  | 000934-80-5 | 96   |
| 3    |    |   | Benzene, 1-ethyl-2,3-dimethyl- | 134 | C10H14  | 000933-98-2 | 96   |
| 4    |    |   | Benzene, 2-ethyl-1,3-dimethyl- | 134 | C10H14  | 002870-04-4 | 95   |
| 5    |    |   | o-Cymene                       | 134 | C10H14  | 000527-84-4 | 93   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100224\  
Data File : BP022208.D  
Acq On : 03 Oct 2024 23:58  
Operator : RC/JU  
Sample : P4019-22ME  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DDCJ8ME

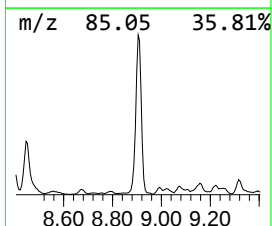
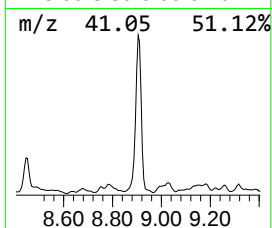
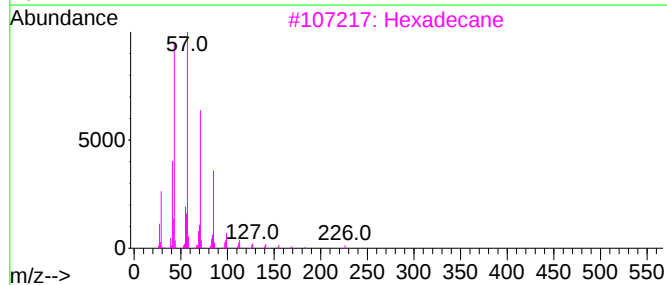
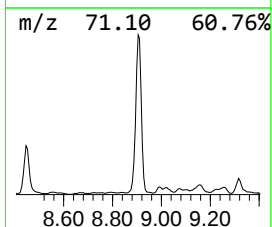
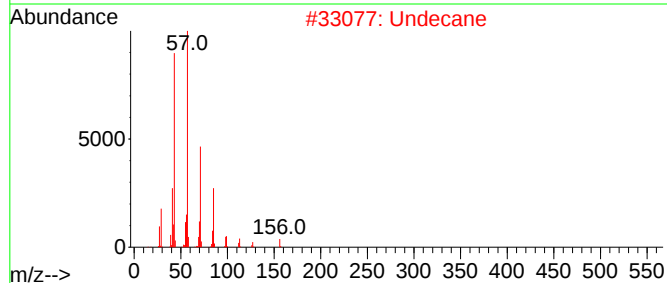
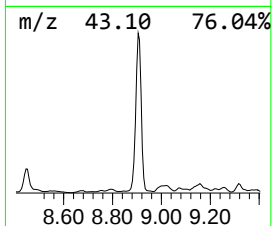
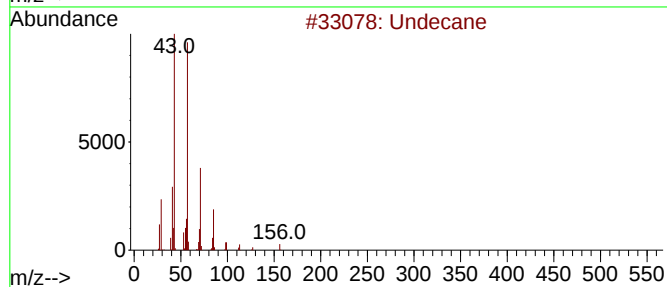
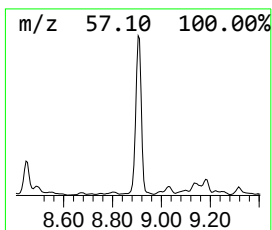
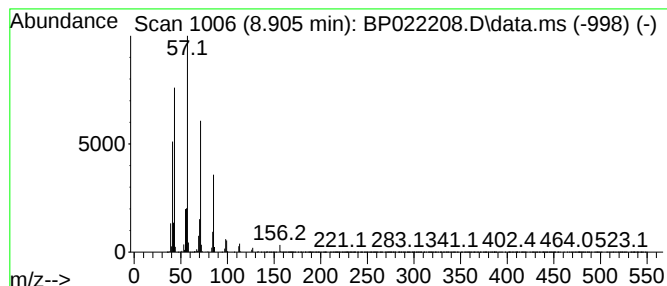
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Quant Title : SVOA CALIBRATION

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

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Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 2

| R.T.      | EstConc                             | Area    | Relative to ISTD       | R.T.         |      |
|-----------|-------------------------------------|---------|------------------------|--------------|------|
| 8.905     | 59.92 ng/ul                         | 4273690 | 1,4-Dichlorobenzene-d4 | 7.693        |      |
| Hit# of 5 | Tentative ID                        | MW      | MolForm                | CAS#         | Qual |
| 1         | Undecane                            | 156     | C11H24                 | 001120-21-4  | 87   |
| 2         | Undecane                            | 156     | C11H24                 | 001120-21-4  | 87   |
| 3         | Hexadecane                          | 226     | C16H34                 | 000544-76-3  | 86   |
| 4         | Carbonic acid, prop-1-en-2-yl te... | 298     | C18H34O3               | 1000382-90-9 | 83   |
| 5         | Tetradecane                         | 198     | C14H30                 | 000629-59-4  | 78   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100224\  
Data File : BP022208.D  
Acq On : 03 Oct 2024 23:58  
Operator : RC/JU  
Sample : P4019-22ME  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DDCJ8ME

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP092424.MA.M  
Quant Title : SVOA CALIBRATION

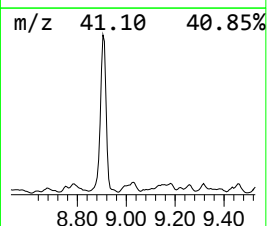
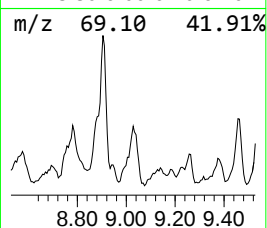
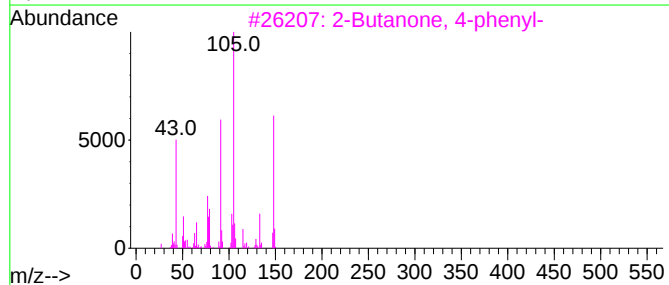
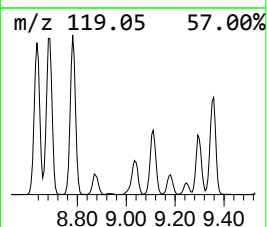
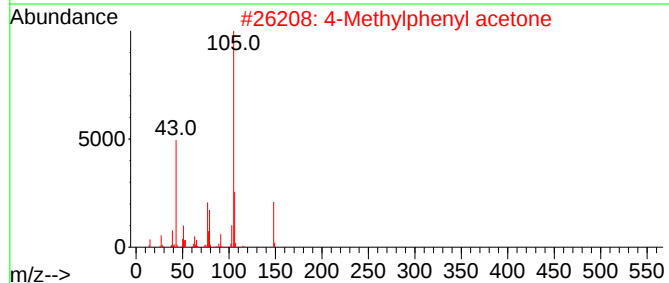
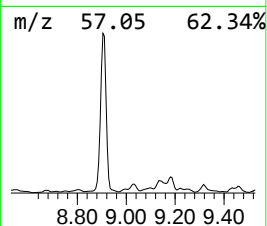
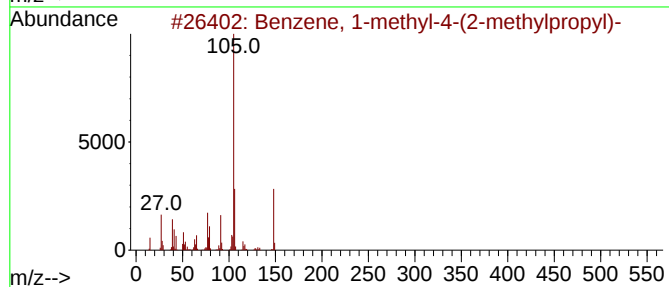
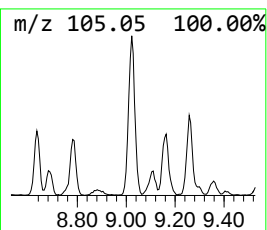
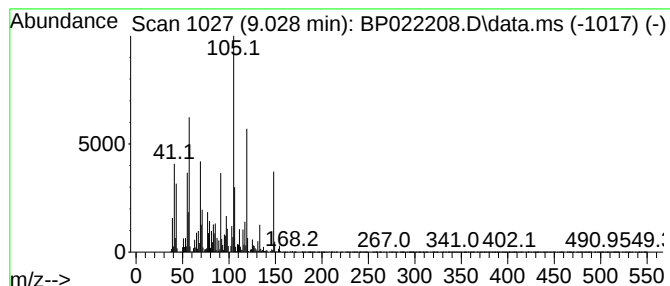
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 23 unknown-01 Concentration Rank 14

| R.T.  | EstConc     | Area    | Relative to ISTD       | R.T.  |
|-------|-------------|---------|------------------------|-------|
| 9.028 | 14.78 ng/ul | 1054000 | 1,4-Dichlorobenzene-d4 | 7.693 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1-methyl-4-(2-methylpro... | 148 | C11H16  | 005161-04-6 | 46   |
| 2    |    |   | 4-Methylphenyl acetone              | 148 | C10H12O | 002096-86-8 | 42   |
| 3    |    |   | 2-Butanone, 4-phenyl-               | 148 | C10H12O | 002550-26-7 | 38   |
| 4    |    |   | Benzene, 2-ethyl-1,3-dimethyl-      | 134 | C10H14  | 002870-04-4 | 30   |
| 5    |    |   | Benzene, 1-ethyl-2,3-dimethyl-      | 134 | C10H14  | 000933-98-2 | 30   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100224\  
Data File : BP022208.D  
Acq On : 03 Oct 2024 23:58  
Operator : RC/JU  
Sample : P4019-22ME  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DDCJ8ME

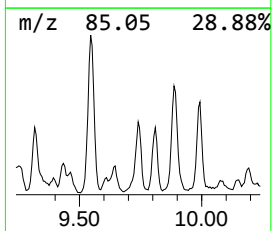
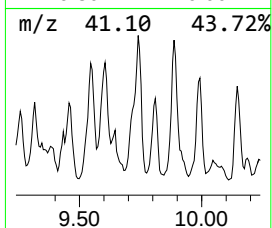
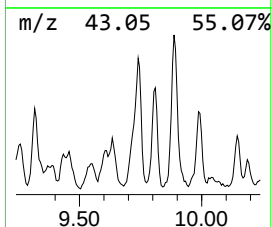
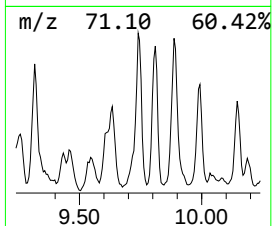
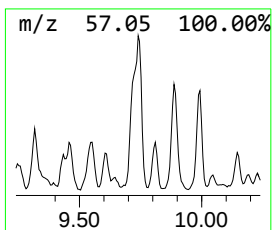
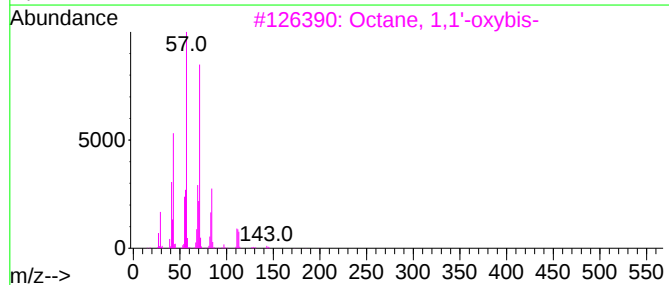
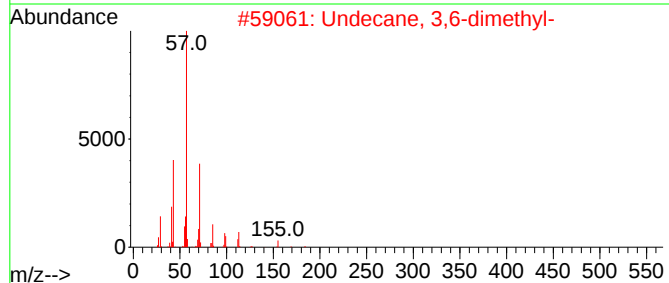
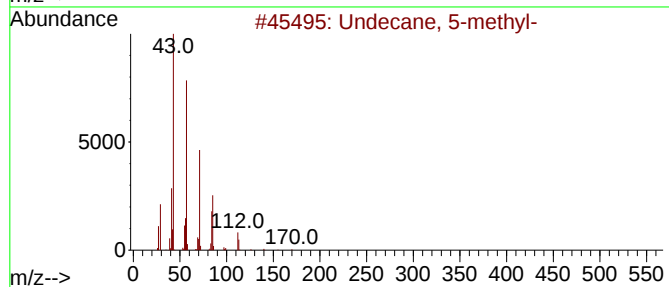
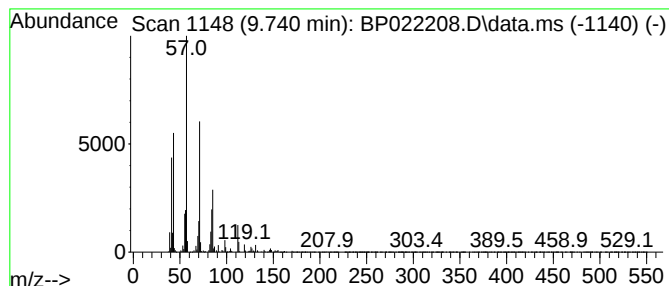
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Quant Title : SVOA CALIBRATION

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

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Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 58

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.   |
|-------|------------|--------|------------------|--------|
| 9.740 | 3.68 ng/ul | 791349 | Naphthalene-d8   | 10.457 |

| Hit# | of 5 | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|------|-----------------------------|-----|---------|-------------|------|
| 1    |      | Undecane, 5-methyl-         | 170 | C12H26  | 001632-70-8 | 87   |
| 2    |      | Undecane, 3,6-dimethyl-     | 184 | C13H28  | 017301-28-9 | 64   |
| 3    |      | Octane, 1,1'-oxybis-        | 242 | C16H34O | 000629-82-3 | 58   |
| 4    |      | Nonane, 5-(1-methylpropyl)- | 184 | C13H28  | 062185-54-0 | 53   |
| 5    |      | 2-Undecene, 5-methyl-       | 168 | C12H24  | 056851-34-4 | 53   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100224\  
Data File : BP022208.D  
Acq On : 03 Oct 2024 23:58  
Operator : RC/JU  
Sample : P4019-22ME  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DDCJ8ME

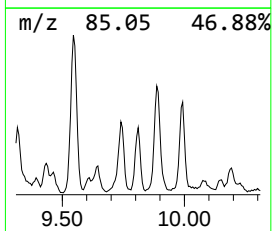
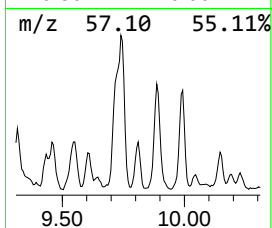
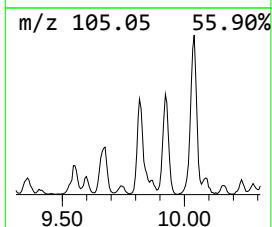
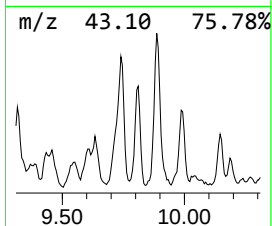
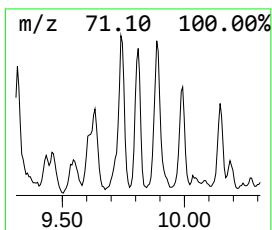
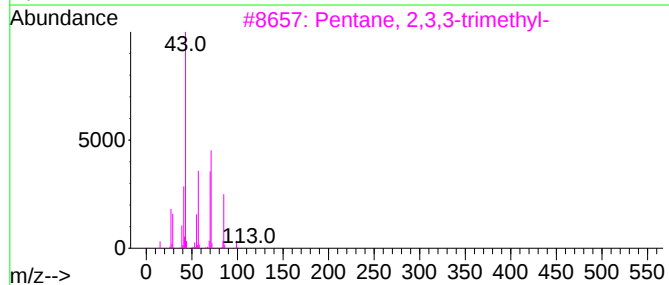
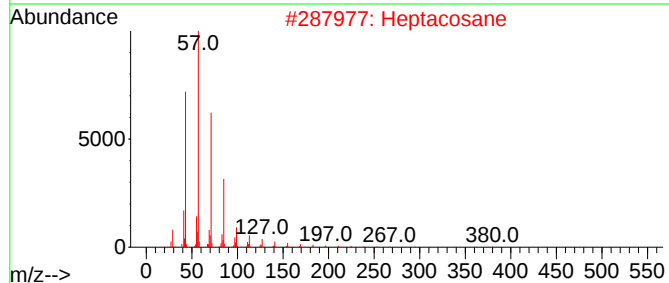
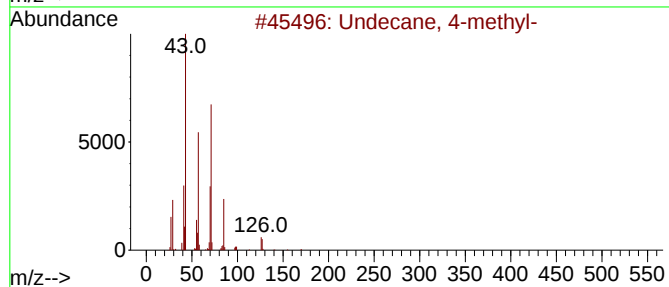
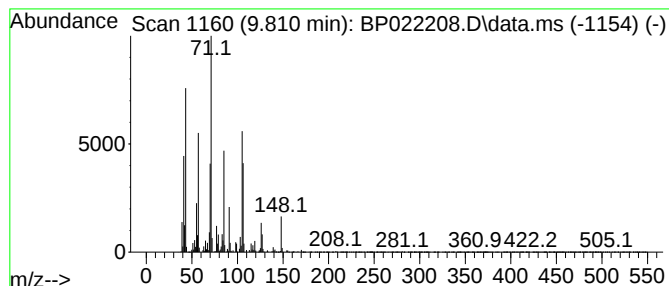
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Quant Title : SVOA CALIBRATION

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

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Peak Number 30 (DEL) Alkane: Straight-Chai... Concentration Rank 68

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.   |
|-------|------------|--------|------------------|--------|
| 9.810 | 2.11 ng/ul | 453479 | Naphthalene-d8   | 10.457 |

| Hit# | of 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|------|-------------------------------------|-----|-----------|--------------|------|
| 1    |      | Undecane, 4-methyl-                 | 170 | C12H26    | 002980-69-0  | 70   |
| 2    |      | Heptacosane                         | 380 | C27H56    | 000593-49-7  | 43   |
| 3    |      | Pentane, 2,3,3-trimethyl-           | 114 | C8H18     | 000560-21-4  | 38   |
| 4    |      | Heptane, 3,3,5-trimethyl-           | 142 | C10H22    | 007154-80-5  | 38   |
| 5    |      | Sulfurous acid, decyl 2-pentyl e... | 292 | C15H32O3S | 1000309-15-9 | 35   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100224\  
Data File : BP022208.D  
Acq On : 03 Oct 2024 23:58  
Operator : RC/JU  
Sample : P4019-22ME  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DDCJ8ME

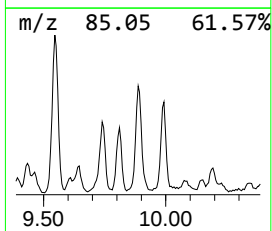
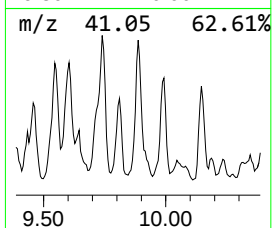
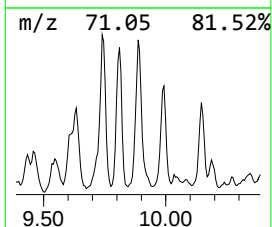
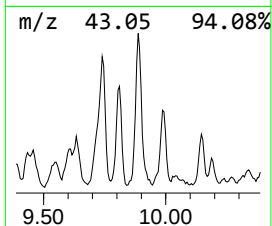
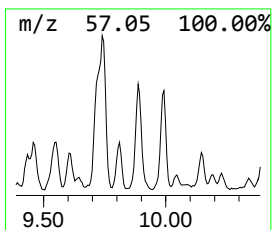
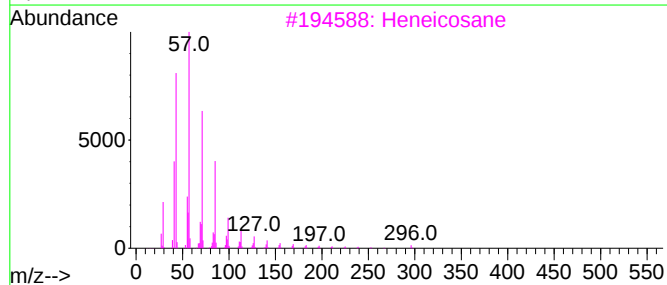
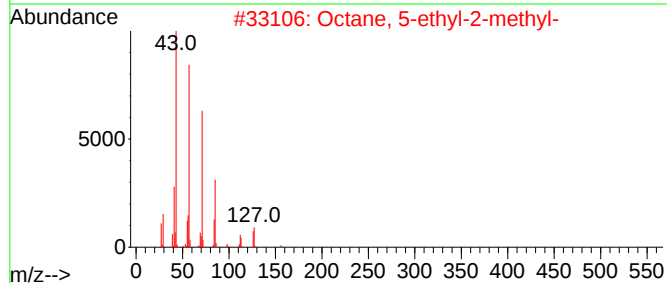
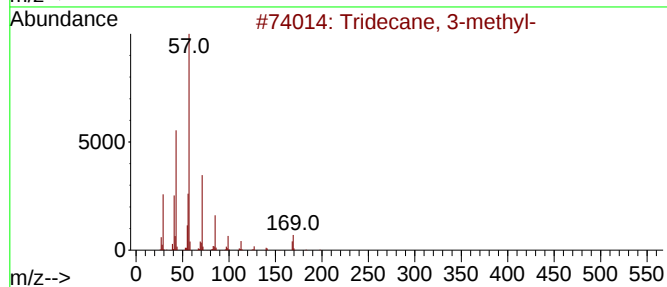
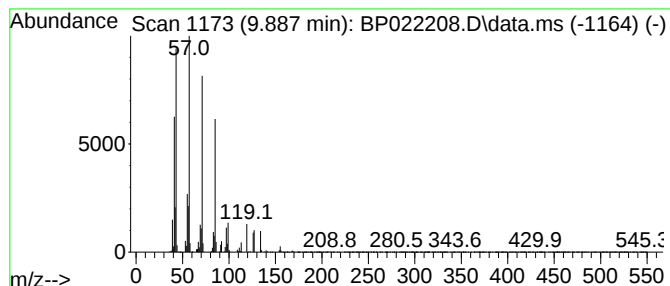
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Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 60

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.   |
|-------|------------|--------|------------------|--------|
| 9.887 | 3.33 ng/ul | 715527 | Naphthalene-d8   | 10.457 |

| Hit# | of 5 | Tentative ID              | MW  | MolForm | CAS#        | Qual |
|------|------|---------------------------|-----|---------|-------------|------|
| 1    |      | Tridecane, 3-methyl-      | 198 | C14H30  | 006418-41-3 | 81   |
| 2    |      | Octane, 5-ethyl-2-methyl- | 156 | C11H24  | 062016-18-6 | 81   |
| 3    |      | Heneicosane               | 296 | C21H44  | 000629-94-7 | 80   |
| 4    |      | Undecane, 2-methyl-       | 170 | C12H26  | 007045-71-8 | 80   |
| 5    |      | Tridecane, 6-methyl-      | 198 | C14H30  | 013287-21-3 | 74   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100224\  
Data File : BP022208.D  
Acq On : 03 Oct 2024 23:58  
Operator : RC/JU  
Sample : P4019-22ME  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DDCJ8ME

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP092424.MA.M  
Quant Title : SVOA CALIBRATION

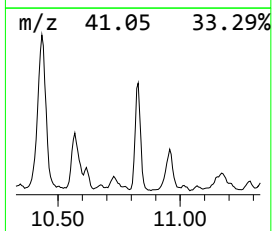
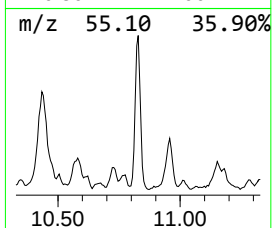
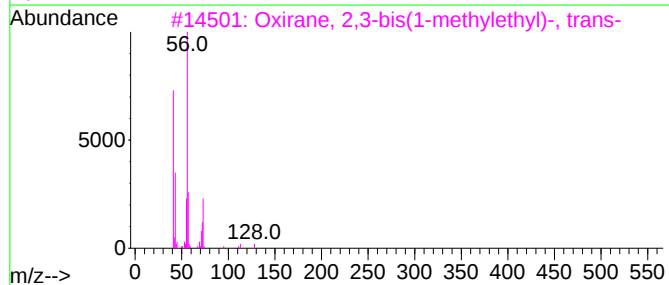
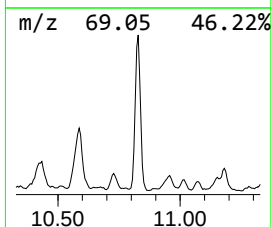
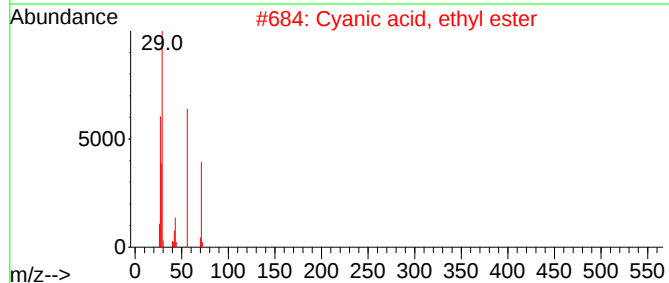
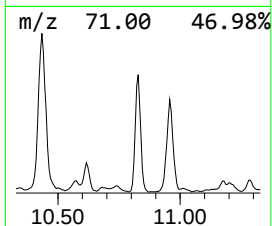
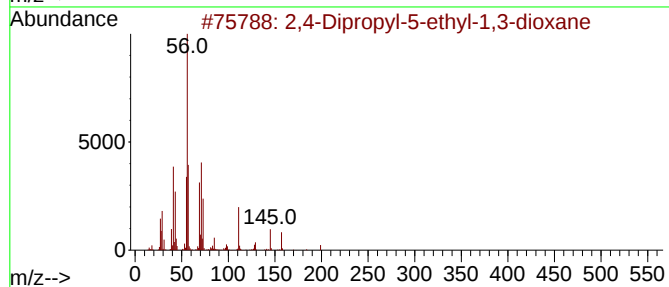
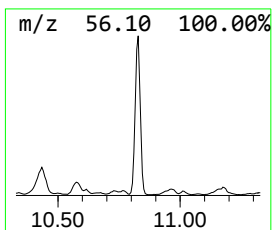
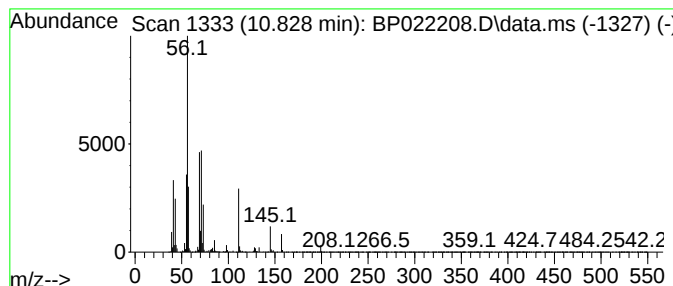
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TIC Integration Parameters: LSCINT.P

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Peak Number 33 2,4-Dipropyl-5-ethyl-1,3-di... Concentration Rank 29

| R.T.   | EstConc    | Area    | Relative to ISTD | R.T.   |
|--------|------------|---------|------------------|--------|
| 10.828 | 8.80 ng/ul | 1890040 | Naphthalene-d8   | 10.457 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | 2,4-Dipropyl-5-ethyl-1,3-dioxane    | 200 | C12H24O2 | 006413-83-8 | 59   |
| 2    |    |   | Cyanic acid, ethyl ester            | 71  | C3H5NO   | 000627-48-5 | 40   |
| 3    |    |   | Oxirane, 2,3-bis(1-methylethyl)-... | 128 | C8H16O   | 054644-32-5 | 38   |
| 4    |    |   | 1-Pentene, 2,4-dimethyl-            | 98  | C7H14    | 002213-32-3 | 27   |
| 5    |    |   | 2-Methyl-1-nonene                   | 140 | C10H20   | 002980-71-4 | 25   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100224\  
Data File : BP022208.D  
Acq On : 03 Oct 2024 23:58  
Operator : RC/JU  
Sample : P4019-22ME  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DDCJ8ME

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP092424.MA.M  
Quant Title : SVOA CALIBRATION

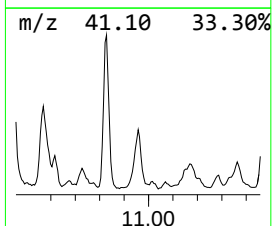
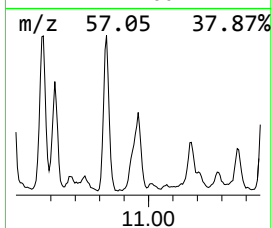
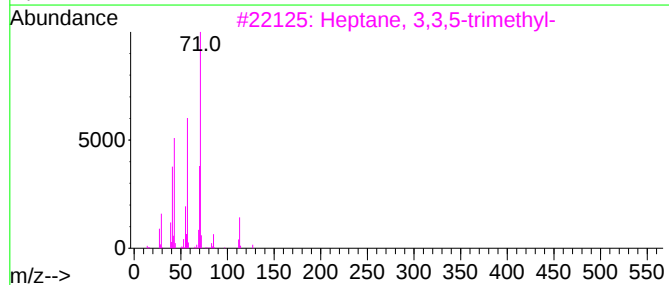
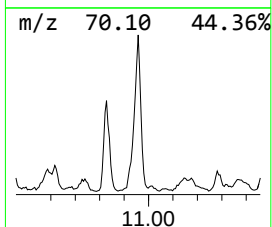
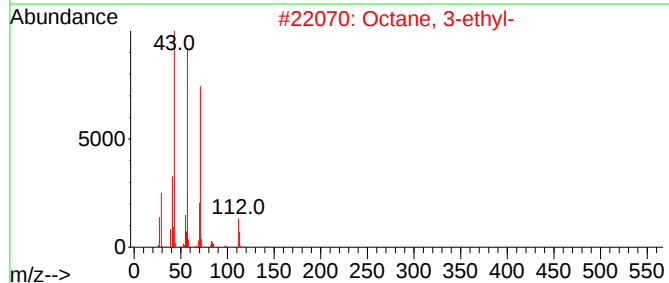
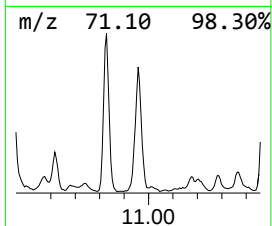
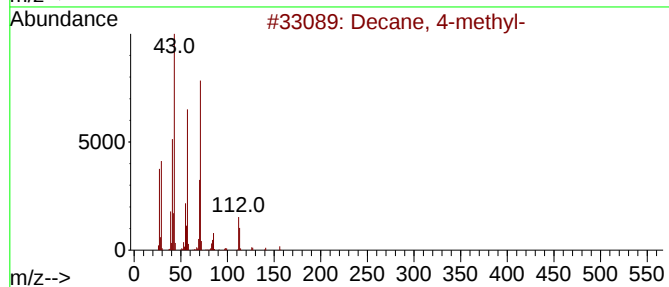
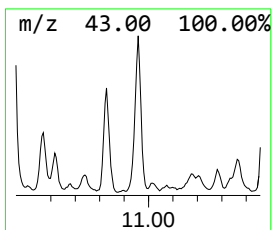
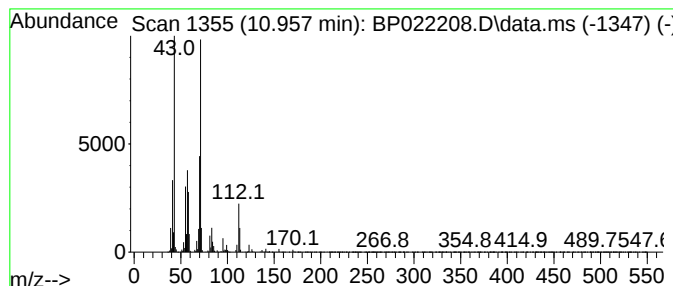
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 34 (DEL) Alkane: Straight-Chai... Concentration Rank 57

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 10.957 | 4.32 ng/ul | 928289 | Naphthalene-d8   | 10.457 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | Decane, 4-methyl-                   | 156 | C11H24   | 002847-72-5 | 59   |
| 2    |    |   | Octane, 3-ethyl-                    | 142 | C10H22   | 005881-17-4 | 59   |
| 3    |    |   | Heptane, 3,3,5-trimethyl-           | 142 | C10H22   | 007154-80-5 | 53   |
| 4    |    |   | Nonane, 2,6-dimethyl-               | 156 | C11H24   | 017302-28-2 | 50   |
| 5    |    |   | Ethanedioic acid, bis(3-methylbu... | 230 | C12H22O4 | 002051-00-5 | 50   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100224\  
Data File : BP022208.D  
Acq On : 03 Oct 2024 23:58  
Operator : RC/JU  
Sample : P4019-22ME  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DDCJ8ME

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP092424.MA.M  
Quant Title : SVOA CALIBRATION

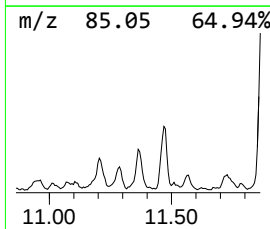
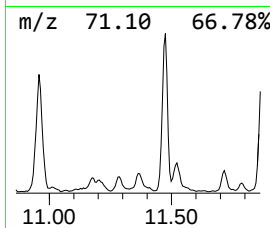
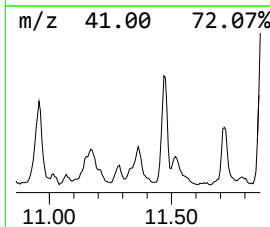
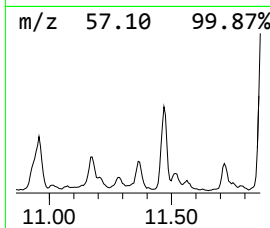
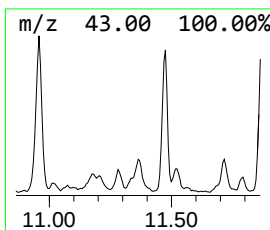
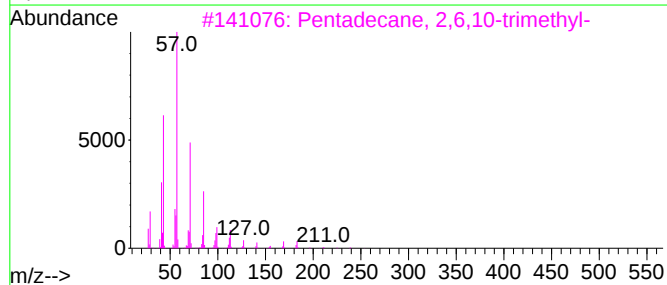
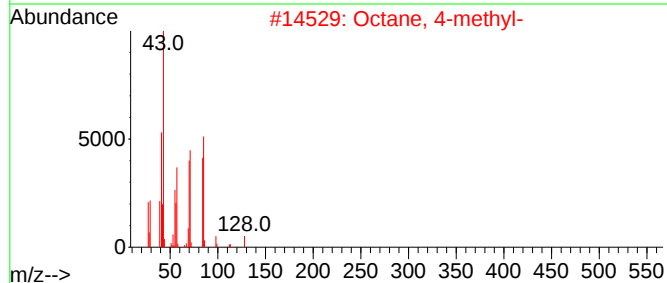
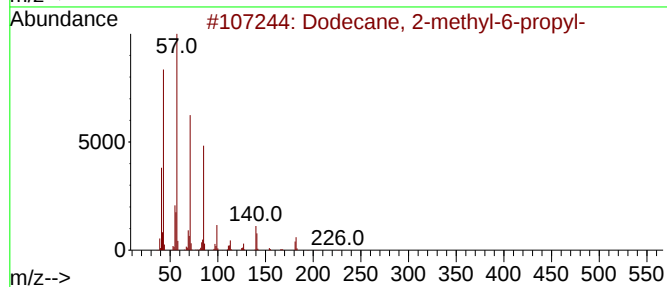
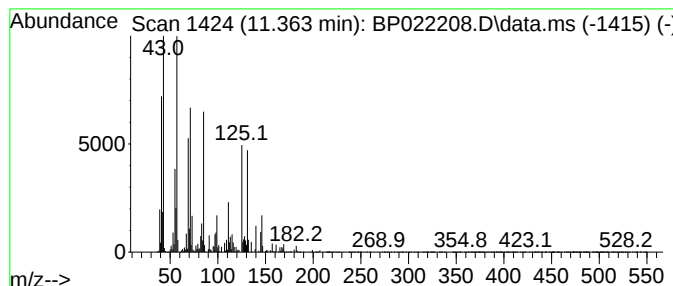
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 35 (DEL) Alkane: Straight-Chai... Concentration Rank 69

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 11.363 | 2.10 ng/ul | 451135 | Naphthalene-d8   | 10.457 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | Dodecane, 2-methyl-6-propyl-        | 226 | C16H34   | 055045-08-4 | 35   |
| 2    |    |   | Octane, 4-methyl-                   | 128 | C9H20    | 002216-34-4 | 30   |
| 3    |    |   | Pentadecane, 2,6,10-trimethyl-      | 254 | C18H38   | 003892-00-0 | 30   |
| 4    |    |   | 8-Hydroxy-2,2,8-trimethyldeca-5,... | 210 | C13H22O2 | 083040-92-0 | 30   |
| 5    |    |   | Decane, 1-iodo-                     | 268 | C10H21I  | 002050-77-3 | 27   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100224\  
Data File : BP022208.D  
Acq On : 03 Oct 2024 23:58  
Operator : RC/JU  
Sample : P4019-22ME  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DDCJ8ME

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP092424.MA.M  
Quant Title : SVOA CALIBRATION

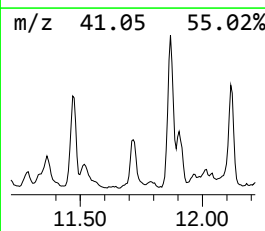
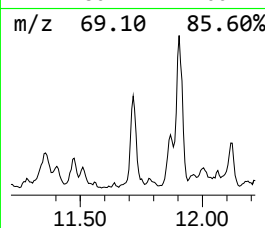
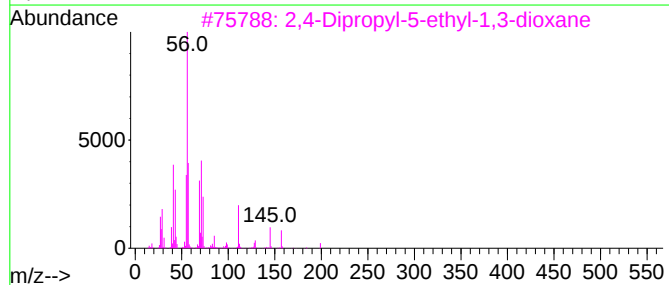
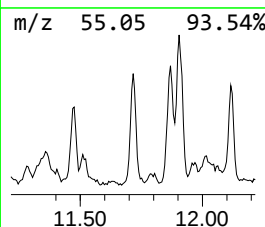
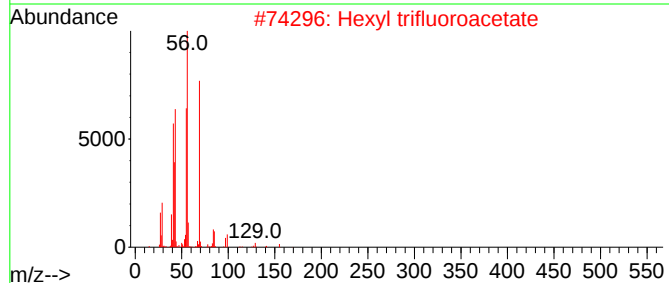
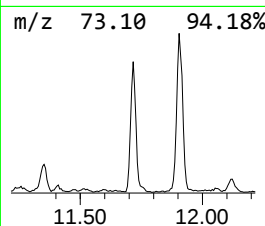
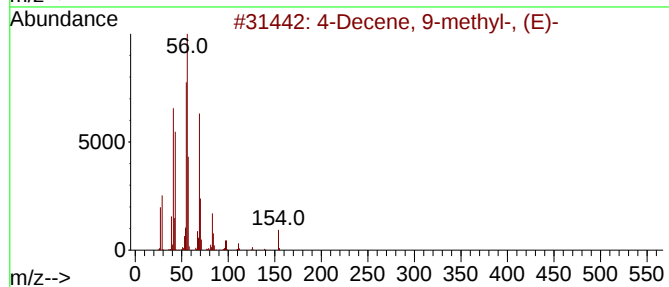
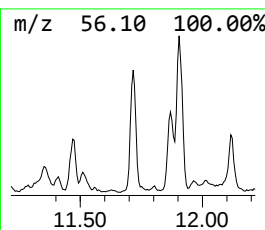
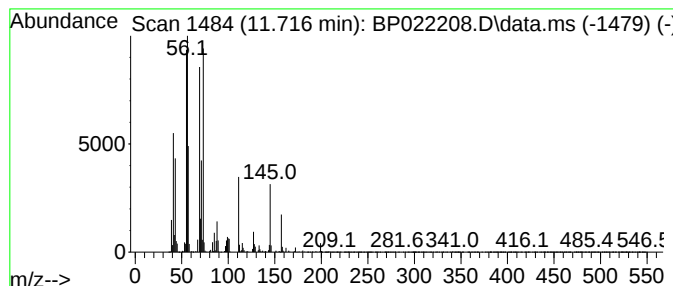
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 38 (DEL) Alkane: Straight-Chai... Concentration Rank 62

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 11.716 | 2.56 ng/ul | 550223 | Naphthalene-d8   | 10.457 |

| Hit# | of 5 | Tentative ID                        | MW  | MolForm   | CAS#        | Qual |
|------|------|-------------------------------------|-----|-----------|-------------|------|
| 1    |      | 4-Decene, 9-methyl-, (E)-           | 154 | C11H22    | 062338-49-2 | 43   |
| 2    |      | Hexyl trifluoroacetate              | 198 | C8H13F3O2 | 000400-61-3 | 43   |
| 3    |      | 2,4-Dipropyl-5-ethyl-1,3-dioxane    | 200 | C12H24O2  | 006413-83-8 | 43   |
| 4    |      | Cyclopropane, 1-methyl-2-(3-meth... | 140 | C10H20    | 062238-07-7 | 42   |
| 5    |      | 4-Decene, 2-methyl-, (E)-           | 154 | C11H22    | 028665-56-7 | 37   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100224\  
Data File : BP022208.D  
Acq On : 03 Oct 2024 23:58  
Operator : RC/JU  
Sample : P4019-22ME  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DDCJ8ME

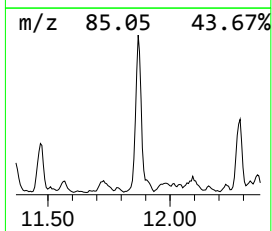
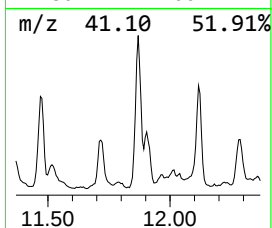
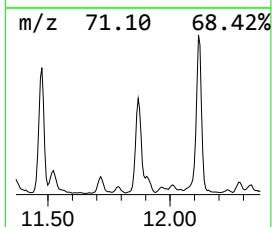
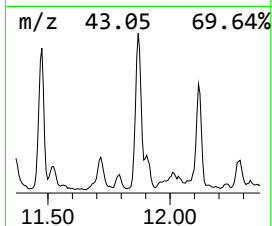
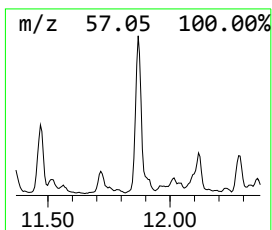
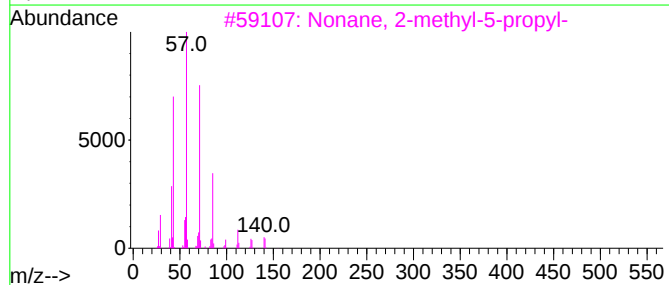
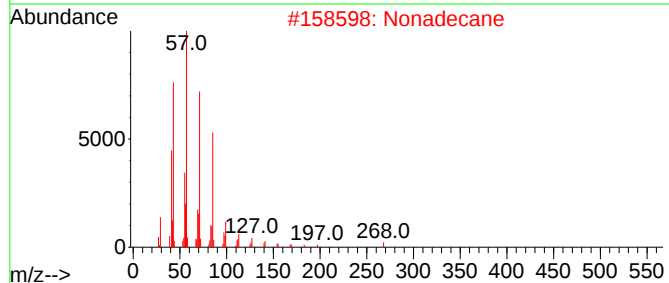
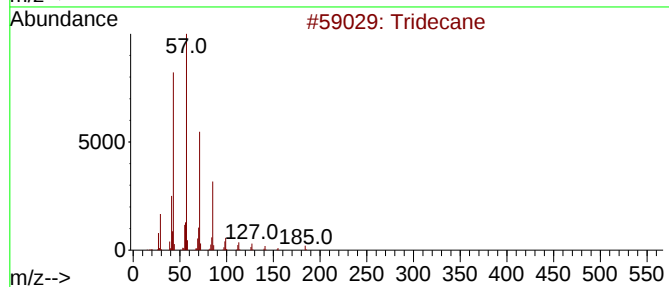
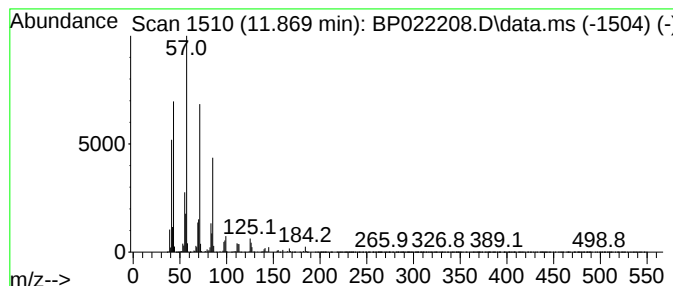
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Quant Title : SVOA CALIBRATION

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

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Peak Number 39 (DEL) Alkane: Straight-Chai... Concentration Rank 49

| R.T.   | EstConc    | Area    | Relative to ISTD | R.T.   |
|--------|------------|---------|------------------|--------|
| 11.869 | 6.02 ng/ul | 1292850 | Naphthalene-d8   | 10.457 |

| Hit# | of | 5 | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------|-----|---------|-------------|------|
| 1    |    |   | Tridecane                  | 184 | C13H28  | 000629-50-5 | 90   |
| 2    |    |   | Nonadecane                 | 268 | C19H40  | 000629-92-5 | 83   |
| 3    |    |   | Nonane, 2-methyl-5-propyl- | 184 | C13H28  | 031081-17-1 | 80   |
| 4    |    |   | Tetradecane                | 198 | C14H30  | 000629-59-4 | 80   |
| 5    |    |   | 1-Undecene, 4-methyl-      | 168 | C12H24  | 074630-39-0 | 74   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100224\  
Data File : BP022208.D  
Acq On : 03 Oct 2024 23:58  
Operator : RC/JU  
Sample : P4019-22ME  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DDCJ8ME

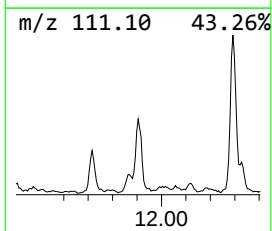
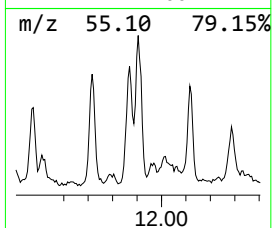
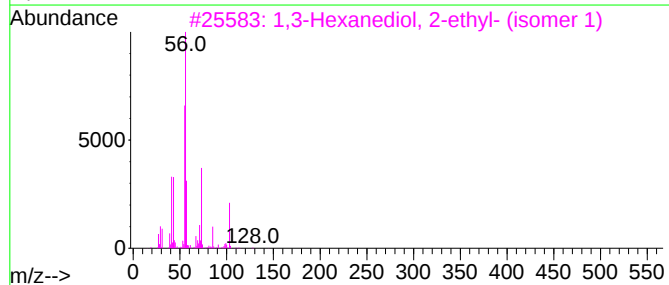
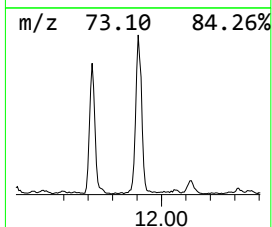
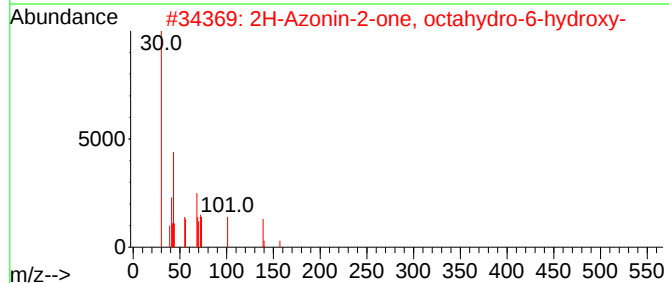
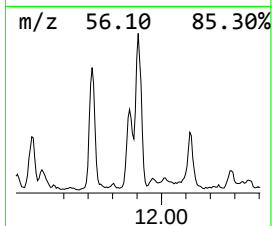
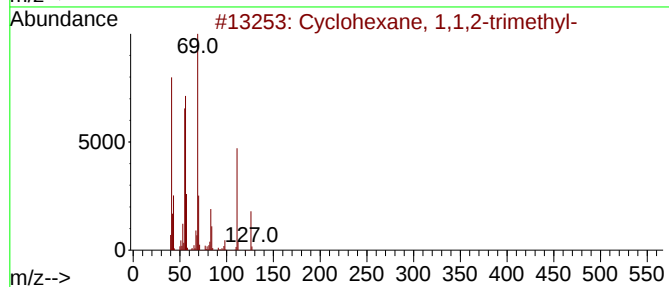
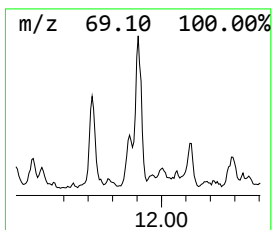
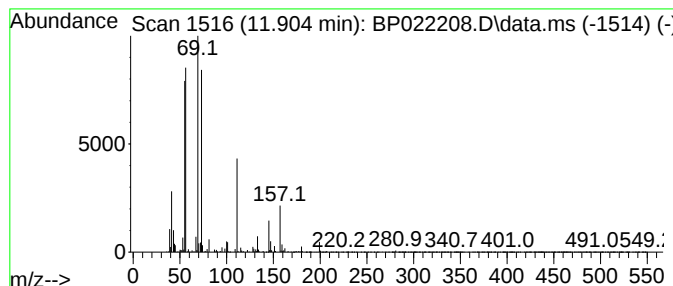
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Quant Title : SVOA CALIBRATION

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

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Peak Number 40 (DEL) Alkane: Cyclic11.904 Concentration Rank 64

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 11.904 | 2.49 ng/ul | 535527 | Naphthalene-d8   | 10.457 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|----------|--------------|------|
| 1    |    |   | Cyclohexane, 1,1,2-trimethyl-       | 126 | C9H18    | 007094-26-0  | 38   |
| 2    |    |   | 2H-Azonin-2-one, octahydro-6-hyd... | 157 | C8H15NO2 | 023435-07-6  | 38   |
| 3    |    |   | 1,3-Hexanediol, 2-ethyl- (isomer 1) | 146 | C8H18O2  | 1000484-18-2 | 12   |
| 4    |    |   | Cyclopropanecarboxylic acid, 4-n... | 207 | C10H9NO4 | 1010307-52-7 | 10   |
| 5    |    |   | 3,4,5-Trimethyldihydrofuran-2-one   | 128 | C7H12O2  | 1000194-05-2 | 10   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100224\  
Data File : BP022208.D  
Acq On : 03 Oct 2024 23:58  
Operator : RC/JU  
Sample : P4019-22ME  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DDCJ8ME

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP092424.MA.M  
Quant Title : SVOA CALIBRATION

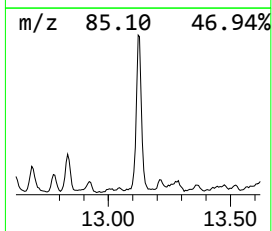
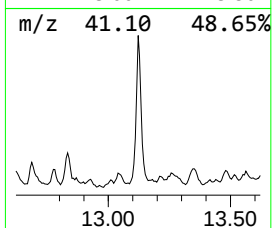
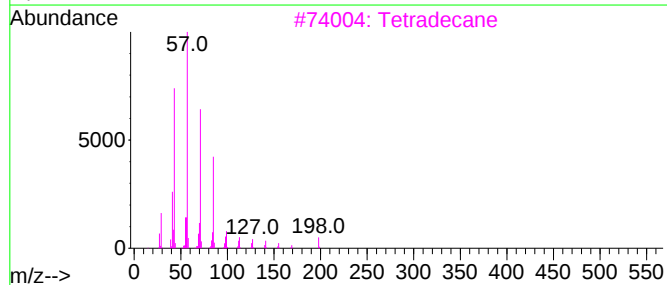
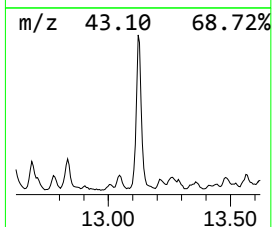
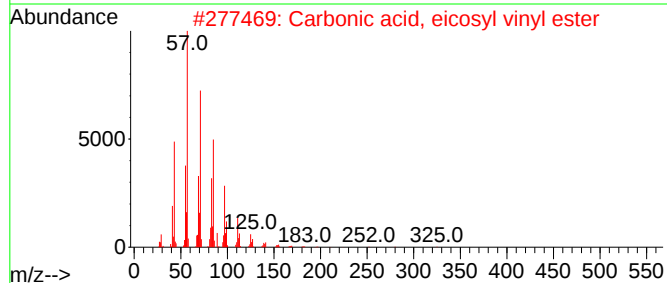
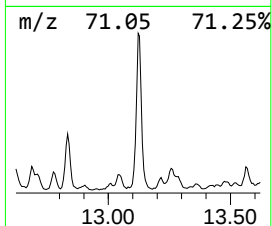
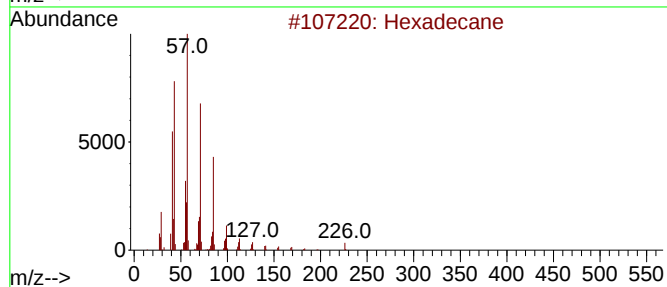
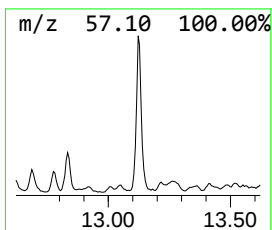
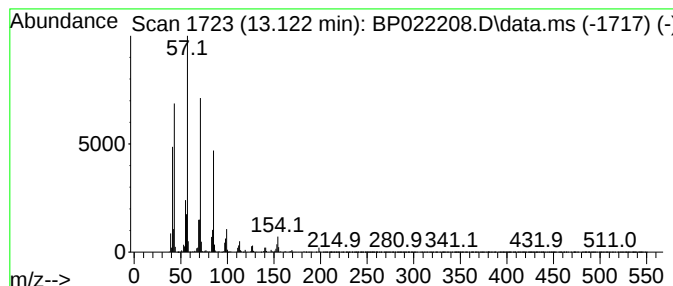
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TIC Integration Parameters: LSCINT.P

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Peak Number 41 (DEL) Alkane: Straight-Chai... Concentration Rank 11

| R.T.   | EstConc     | Area    | Relative to ISTD | R.T.   |
|--------|-------------|---------|------------------|--------|
| 13.122 | 17.48 ng/ul | 1387650 | Acenaphthene-d10 | 14.304 |

| Hit# | of | 5 | Tentative ID                       | MW  | MolForm  | CAS#         | Qual |
|------|----|---|------------------------------------|-----|----------|--------------|------|
| 1    |    |   | Hexadecane                         | 226 | C16H34   | 000544-76-3  | 87   |
| 2    |    |   | Carbonic acid, eicosyl vinyl ester | 368 | C23H44O3 | 1000382-54-3 | 87   |
| 3    |    |   | Tetradecane                        | 198 | C14H30   | 000629-59-4  | 87   |
| 4    |    |   | Heptadecane                        | 240 | C17H36   | 000629-78-7  | 86   |
| 5    |    |   | Hexadecane                         | 226 | C16H34   | 000544-76-3  | 86   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100224\  
Data File : BP022208.D  
Acq On : 03 Oct 2024 23:58  
Operator : RC/JU  
Sample : P4019-22ME  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DDCJ8ME

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP092424.MA.M  
Quant Title : SVOA CALIBRATION

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

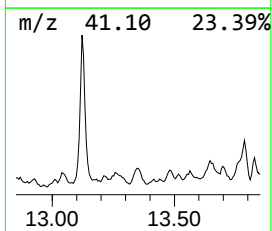
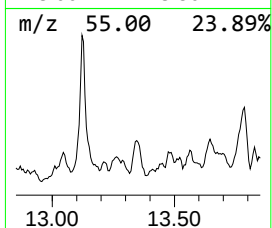
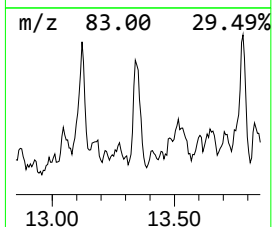
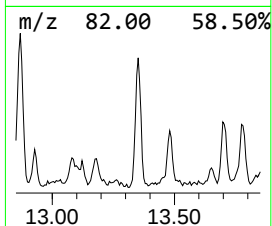
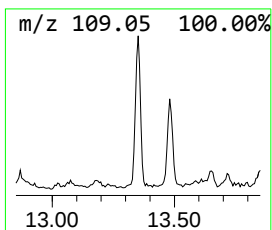
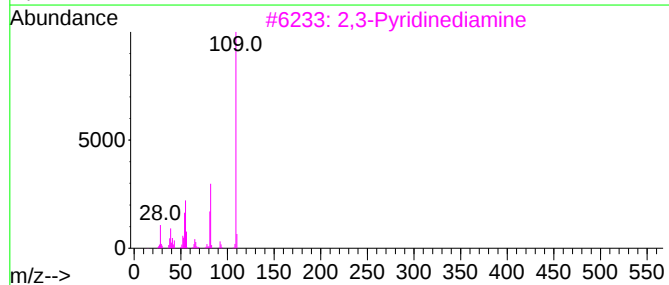
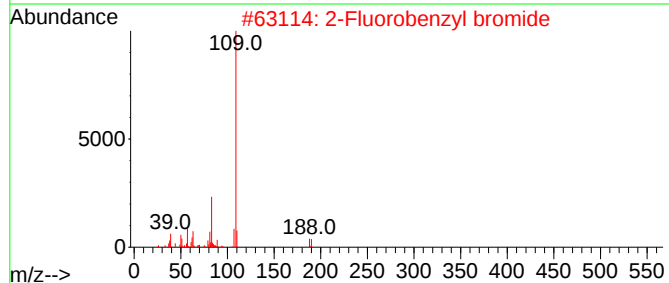
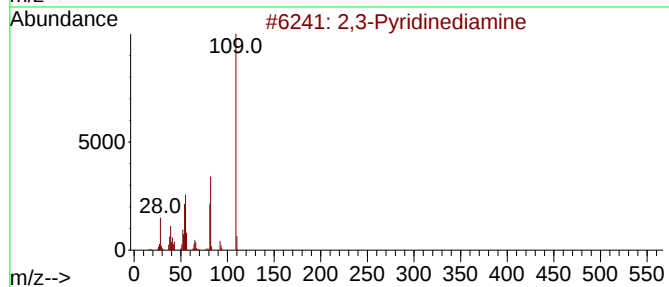
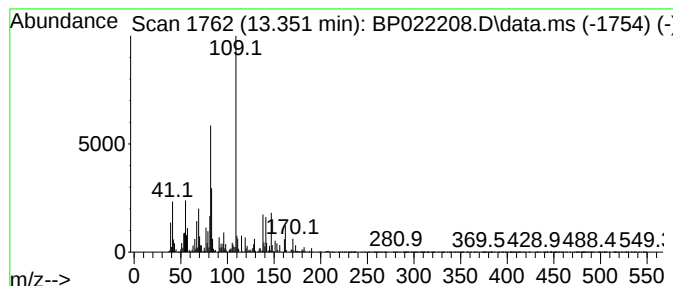
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Peak Number 42 unknown-02

Concentration Rank 32

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 13.351 | 8.59 ng/ul | 682114 | Acenaphthene-d10 | 14.304 |

| Hit# | of                             | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|--------------------------------|---|--------------|-----|---------|-------------|------|
| 1    | 2,3-Pyridinediamine            |   |              | 109 | C5H7N3  | 000452-58-4 | 47   |
| 2    | 2-Fluorobenzyl bromide         |   |              | 188 | C7H6BrF | 000446-48-0 | 43   |
| 3    | 2,3-Pyridinediamine            |   |              | 109 | C5H7N3  | 000452-58-4 | 38   |
| 4    | 2,4-Heptadienal, 2,4-dimethyl- |   |              | 138 | C9H14O  | 042452-48-2 | 38   |
| 5    | 4-Amino-2-methylpyrimidine     |   |              | 109 | C5H7N3  | 000074-69-1 | 38   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100224\  
Data File : BP022208.D  
Acq On : 03 Oct 2024 23:58  
Operator : RC/JU  
Sample : P4019-22ME  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DDCJ8ME

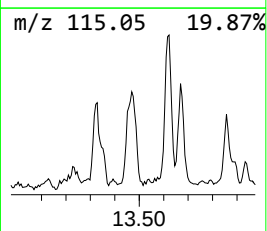
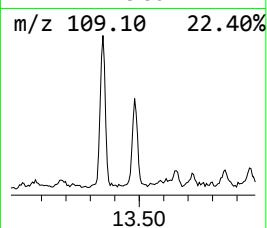
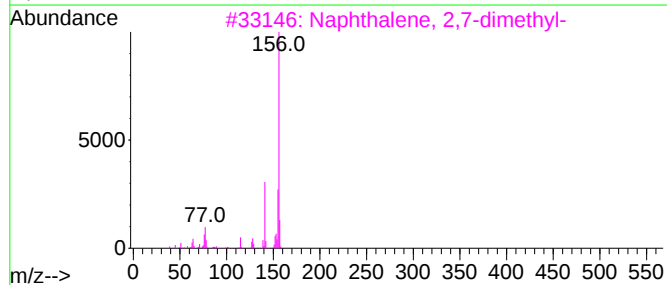
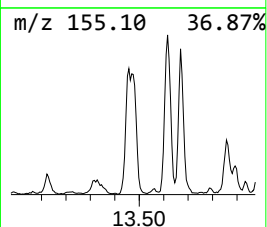
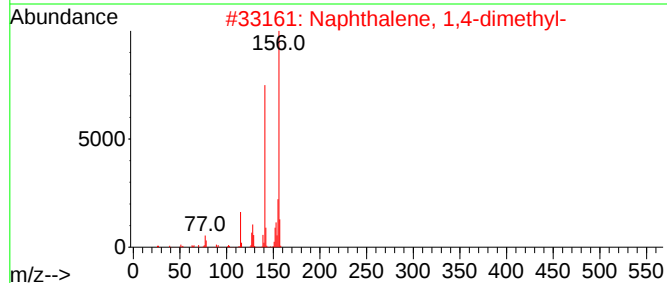
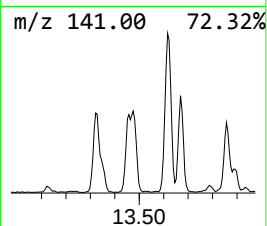
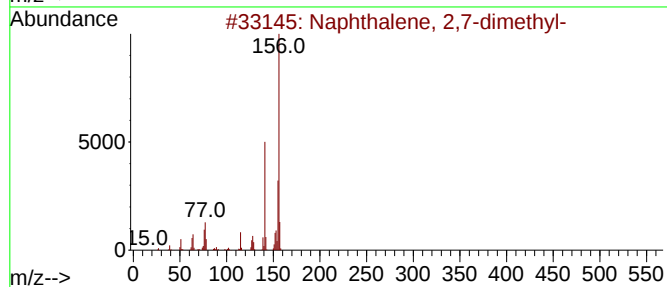
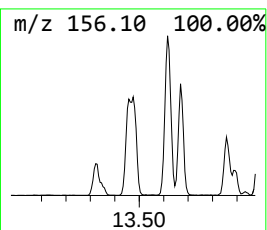
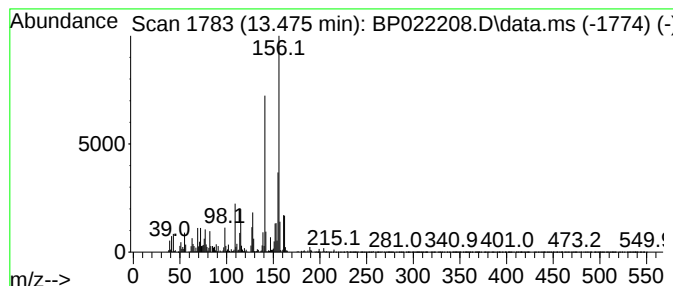
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Quant Title : SVOA CALIBRATION

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

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Peak Number 43 Naphthalene, 2,7-dimethyl- Concentration Rank 15

| R.T.   | EstConc     | Area    | Relative to ISTD | R.T.   |
|--------|-------------|---------|------------------|--------|
| 13.475 | 14.49 ng/ul | 1149790 | Acenaphthene-d10 | 14.304 |

| Hit# | of | 5 | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------|-----|---------|-------------|------|
| 1    |    |   | Naphthalene, 2,7-dimethyl- | 156 | C12H12  | 000582-16-1 | 95   |
| 2    |    |   | Naphthalene, 1,4-dimethyl- | 156 | C12H12  | 000571-58-4 | 95   |
| 3    |    |   | Naphthalene, 2,7-dimethyl- | 156 | C12H12  | 000582-16-1 | 95   |
| 4    |    |   | Naphthalene, 2,7-dimethyl- | 156 | C12H12  | 000582-16-1 | 94   |
| 5    |    |   | Naphthalene, 1,6-dimethyl- | 156 | C12H12  | 000575-43-9 | 94   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100224\  
Data File : BP022208.D  
Acq On : 03 Oct 2024 23:58  
Operator : RC/JU  
Sample : P4019-22ME  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

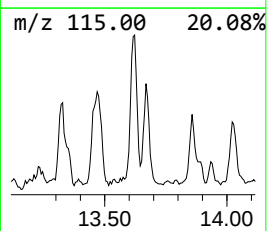
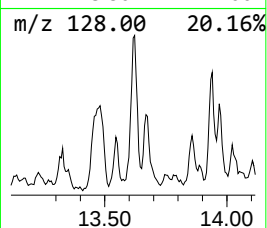
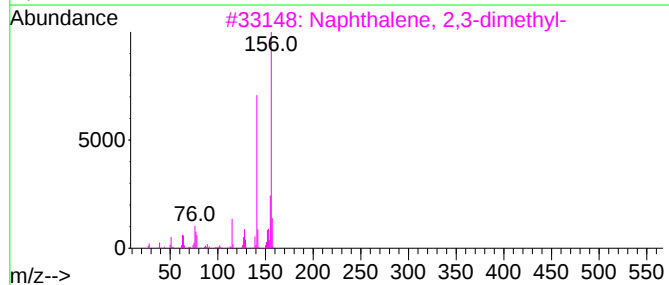
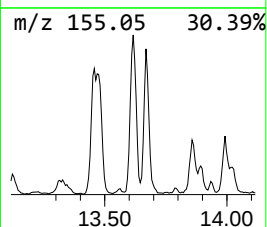
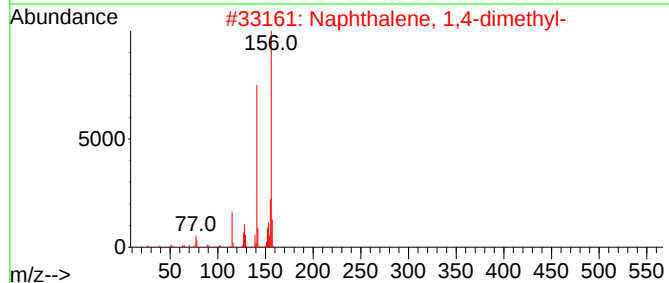
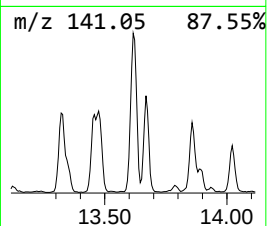
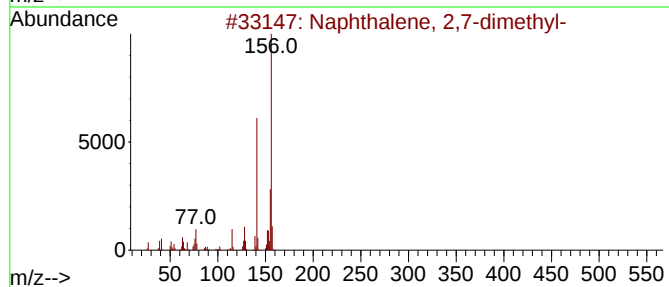
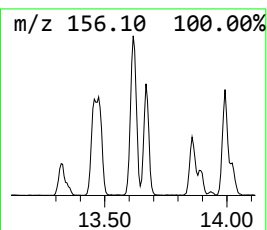
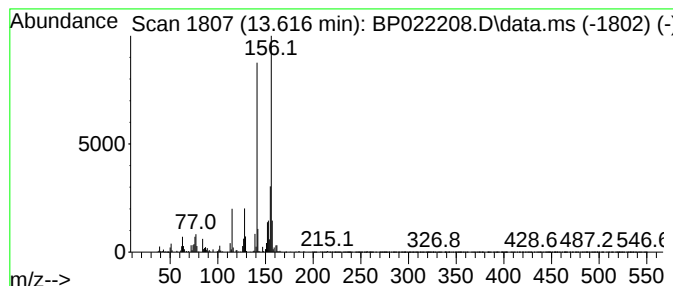
Instrument :  
BNA\_P  
ClientSampleId :  
DDCJ8ME

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP092424.MA.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 44 Naphthalene, 1,4-dimethyl- Concentration Rank 18

| R.T.      | EstConc                    | Area   | Relative to ISTD | R.T.        |      |
|-----------|----------------------------|--------|------------------|-------------|------|
| 13.616    | 12.19 ng/ul                | 967756 | Acenaphthene-d10 | 14.304      |      |
| Hit# of 5 | Tentative ID               | MW     | MolForm          | CAS#        | Qual |
| 1         | Naphthalene, 2,7-dimethyl- | 156    | C12H12           | 000582-16-1 | 96   |
| 2         | Naphthalene, 1,4-dimethyl- | 156    | C12H12           | 000571-58-4 | 96   |
| 3         | Naphthalene, 2,3-dimethyl- | 156    | C12H12           | 000581-40-8 | 95   |
| 4         | Naphthalene, 1,6-dimethyl- | 156    | C12H12           | 000575-43-9 | 95   |
| 5         | Naphthalene, 1,3-dimethyl- | 156    | C12H12           | 000575-41-7 | 95   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100224\  
Data File : BP022208.D  
Acq On : 03 Oct 2024 23:58  
Operator : RC/JU  
Sample : P4019-22ME  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DDCJ8ME

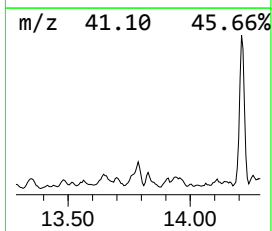
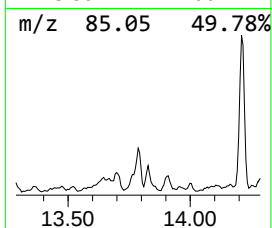
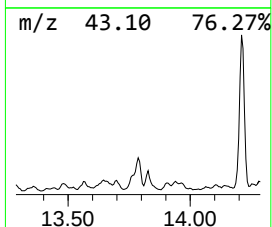
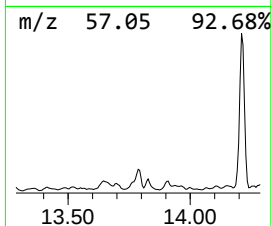
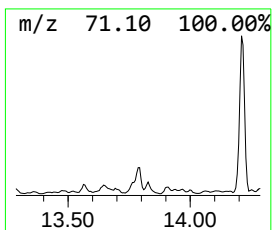
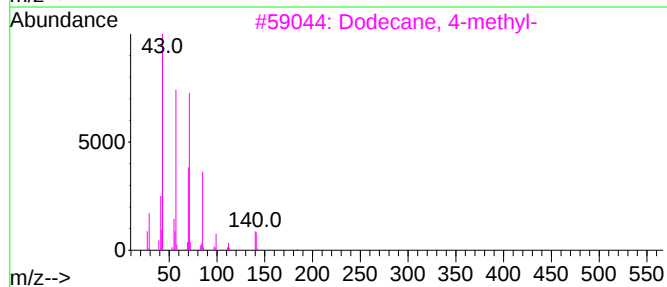
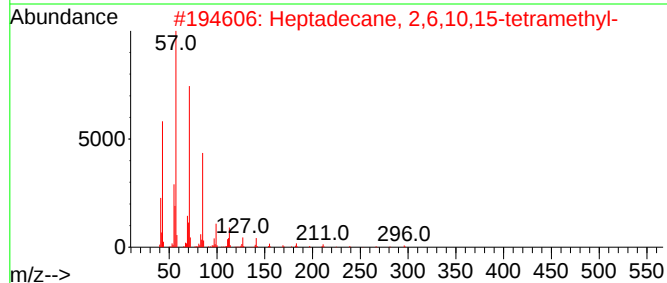
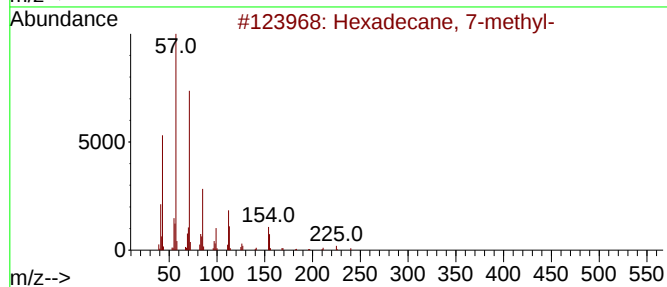
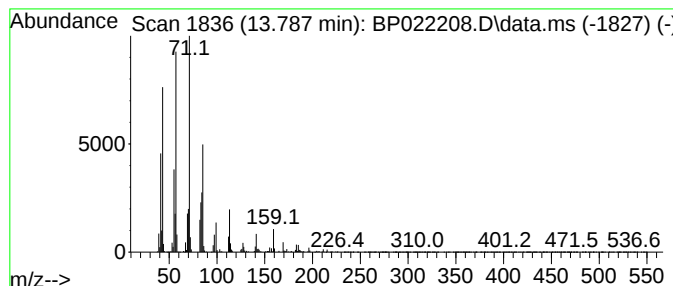
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Quant Title : SVOA CALIBRATION

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

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Peak Number 45 (DEL) Alkane: Straight-Chai... Concentration Rank 37

| R.T.      | EstConc                             | Area   | Relative to ISTD | R.T.        |      |
|-----------|-------------------------------------|--------|------------------|-------------|------|
| 13.787    | 7.83 ng/ul                          | 621826 | Acenaphthene-d10 | 14.304      |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm          | CAS#        | Qual |
| 1         | Hexadecane, 7-methyl-               | 240    | C17H36           | 026730-20-1 | 58   |
| 2         | Heptadecane, 2,6,10,15-tetramethyl- | 296    | C21H44           | 054833-48-6 | 58   |
| 3         | Dodecane, 4-methyl-                 | 184    | C13H28           | 006117-97-1 | 53   |
| 4         | Octyl thioglycolate                 | 204    | C10H20O2S        | 007664-80-4 | 52   |
| 5         | Tridecane, 6-propyl-                | 226    | C16H34           | 055045-10-8 | 52   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100224\  
Data File : BP022208.D  
Acq On : 03 Oct 2024 23:58  
Operator : RC/JU  
Sample : P4019-22ME  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DDCJ8ME

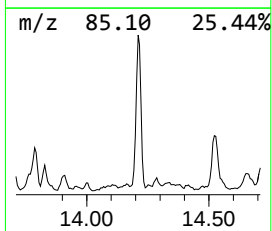
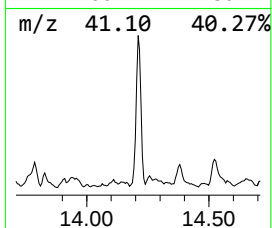
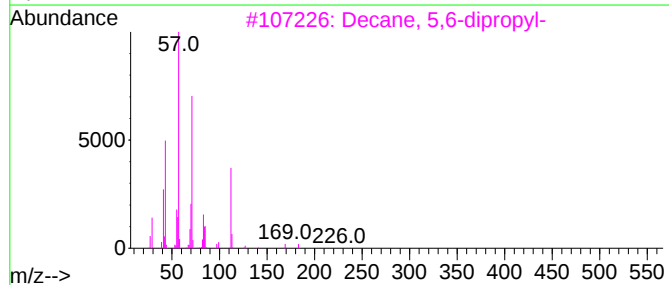
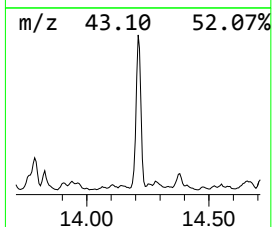
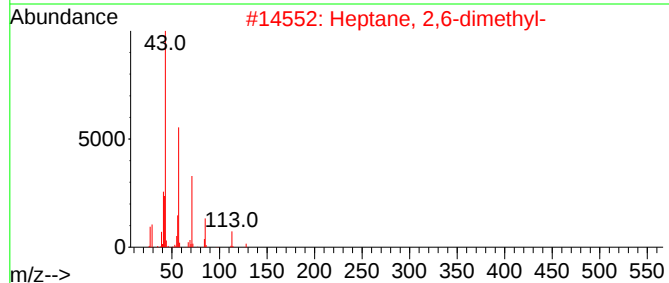
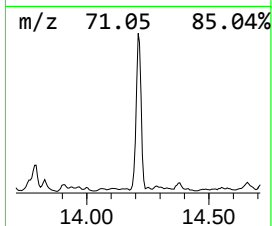
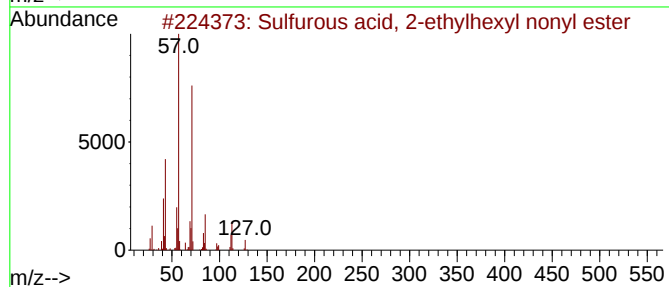
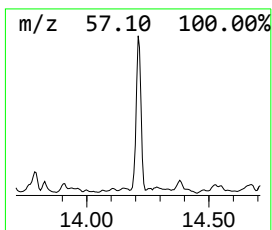
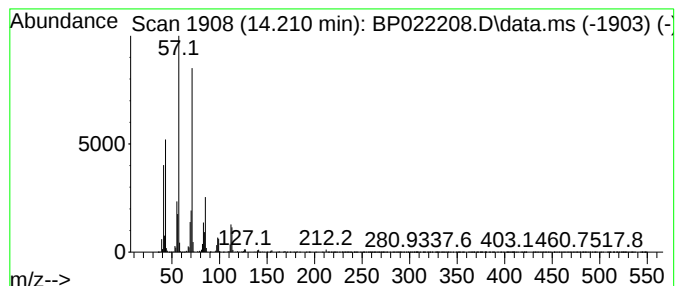
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Quant Title : SVOA CALIBRATION

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

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Peak Number 46 Sulfurous acid, 2-ethylhexy... Concentration Rank 3

| R.T.   | EstConc     | Area    | Relative to ISTD | R.T.   |
|--------|-------------|---------|------------------|--------|
| 14.210 | 29.77 ng/ul | 2362800 | Acenaphthene-d10 | 14.304 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | Sulfurous acid, 2-ethylhexyl non... | 320 | C17H36O3S | 1010309-19-2 | 80   |
| 2    |    |   | Heptane, 2,6-dimethyl-              | 128 | C9H20     | 001072-05-5  | 72   |
| 3    |    |   | Decane, 5,6-dipropyl-               | 226 | C16H34    | 119209-20-0  | 64   |
| 4    |    |   | Dodecane, 2,7,10-trimethyl-         | 212 | C15H32    | 074645-98-0  | 64   |
| 5    |    |   | Sulfurous acid, decyl 2-ethylhex... | 334 | C18H38O3S | 1000309-19-3 | 64   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100224\  
Data File : BP022208.D  
Acq On : 03 Oct 2024 23:58  
Operator : RC/JU  
Sample : P4019-22ME  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DDCJ8ME

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP092424.MA.M  
Quant Title : SVOA CALIBRATION

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

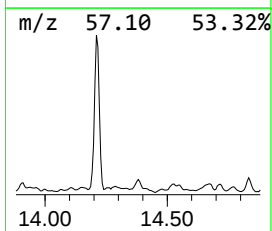
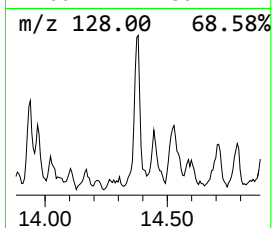
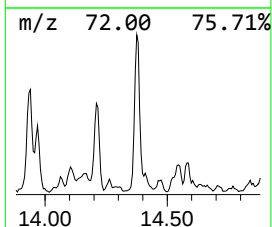
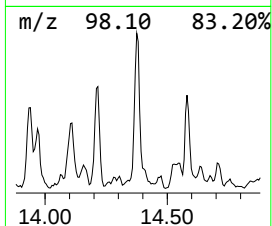
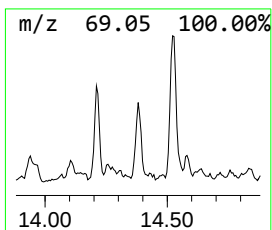
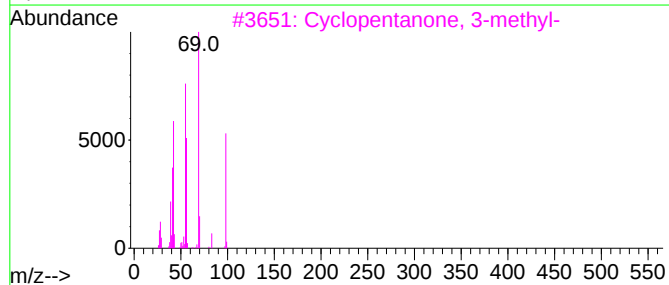
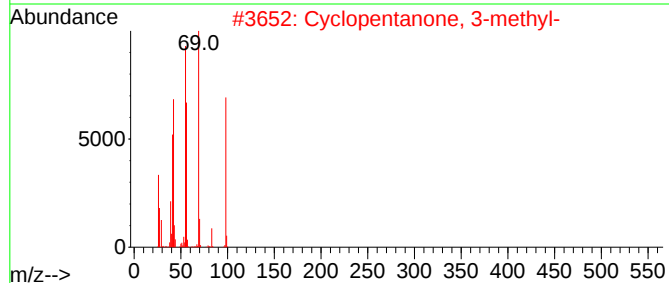
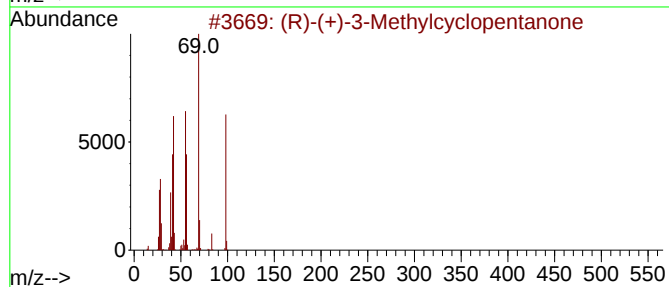
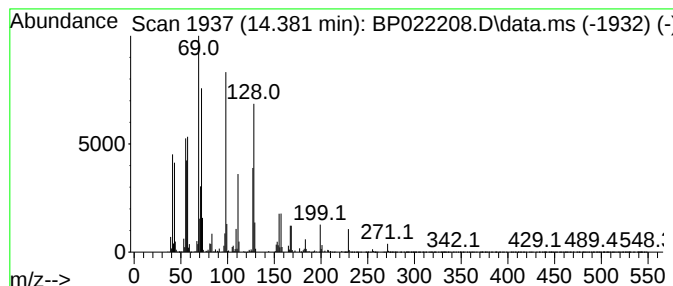
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Peak Number 47 unknown-03

Concentration Rank 35

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 14.381 | 8.14 ng/ul | 646492 | Acenaphthene-d10 | 14.304 |

| Hit# | of                             | 5 | Tentative ID | MW | MolForm | CAS#        | Qual |
|------|--------------------------------|---|--------------|----|---------|-------------|------|
| 1    | (R)-(+)-3-Methylcyclopentanone |   |              | 98 | C6H10O  | 006672-30-6 | 35   |
| 2    | Cyclopentanone, 3-methyl-      |   |              | 98 | C6H10O  | 001757-42-2 | 35   |
| 3    | Cyclopentanone, 3-methyl-      |   |              | 98 | C6H10O  | 001757-42-2 | 35   |
| 4    | (R)-(+)-3-Methylcyclopentanone |   |              | 98 | C6H10O  | 006672-30-6 | 35   |
| 5    | Cyclopentanone, 3-methyl-      |   |              | 98 | C6H10O  | 001757-42-2 | 30   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100224\  
Data File : BP022208.D  
Acq On : 03 Oct 2024 23:58  
Operator : RC/JU  
Sample : P4019-22ME  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DDCJ8ME

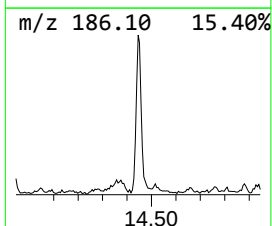
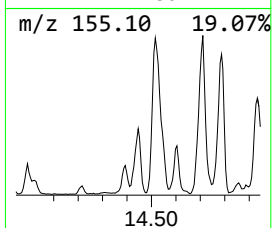
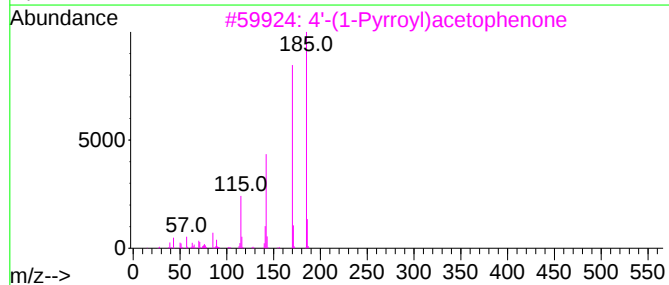
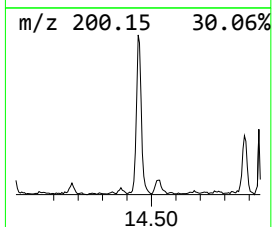
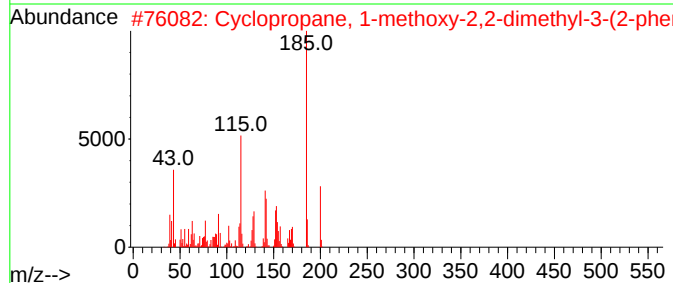
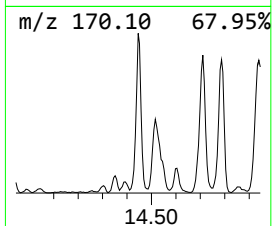
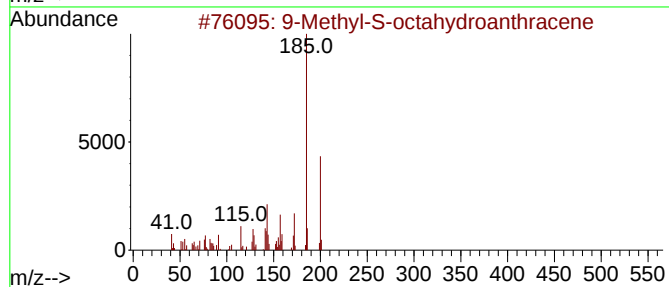
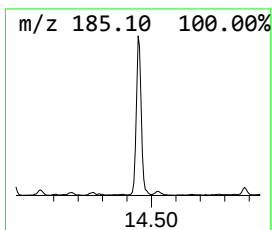
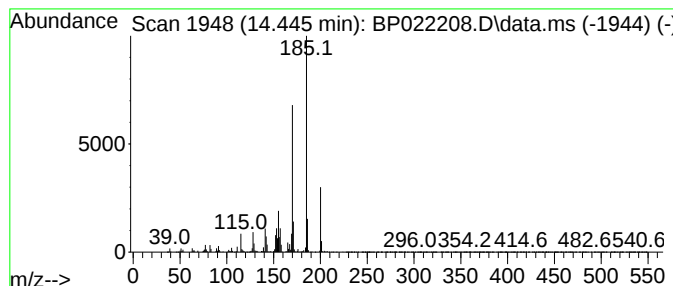
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Quant Title : SVOA CALIBRATION

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

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Peak Number 48 9-Methyl-S-octahydroanthracene Concentration Rank 40

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 14.445 | 7.59 ng/ul | 602480 | Acenaphthene-d10 | 14.304 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|----------|--------------|------|
| 1    |    |   | 9-Methyl-S-octahydroanthracene      | 200 | C15H20   | 004948-51-0  | 64   |
| 2    |    |   | Cyclopropane, 1-methoxy-2,2-dime... | 200 | C14H16O  | 1000271-83-0 | 64   |
| 3    |    |   | 4'-(1-Pyrrolyl)acetophenone         | 185 | C12H11NO | 022106-37-2  | 58   |
| 4    |    |   | 6-tert-Butylquinoline               | 185 | C13H15N  | 068141-13-9  | 50   |
| 5    |    |   | 1H-Pyrazole, 5-(t-butyl)-3-phenyl-  | 200 | C13H16N2 | 1000261-34-8 | 49   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100224\  
Data File : BP022208.D  
Acq On : 03 Oct 2024 23:58  
Operator : RC/JU  
Sample : P4019-22ME  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DDCJ8ME

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP092424.MA.M  
Quant Title : SVOA CALIBRATION

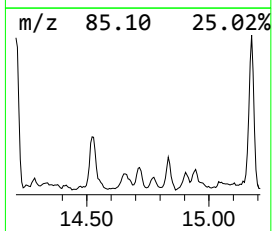
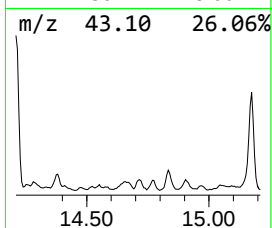
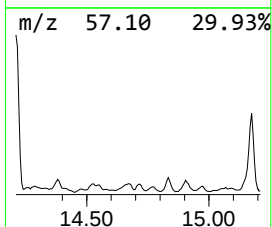
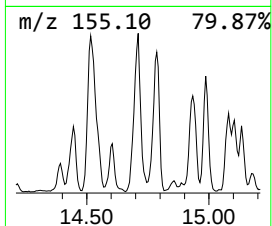
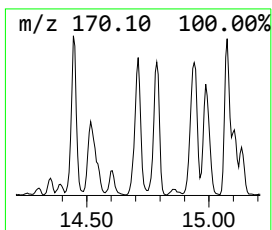
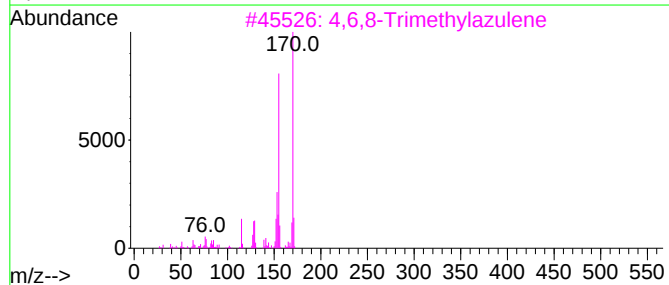
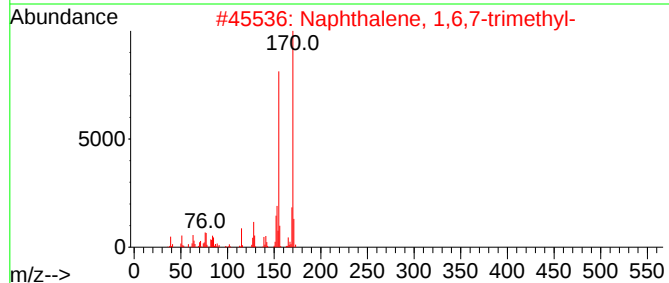
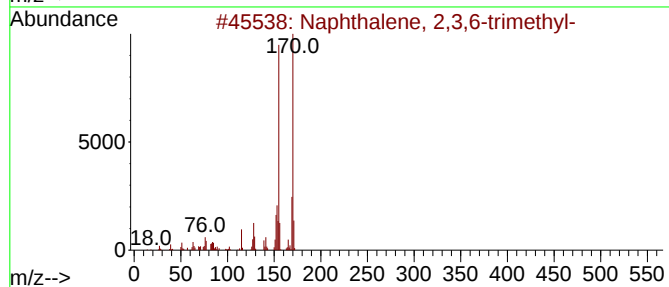
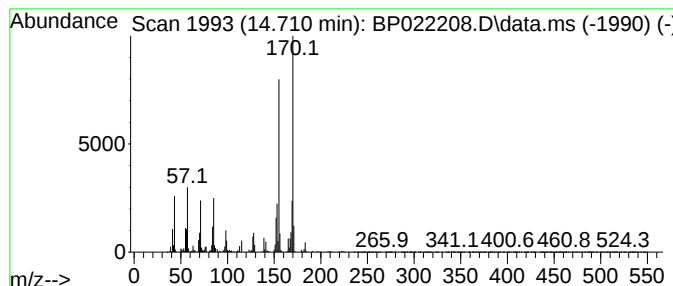
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 49 Naphthalene, 2,3,6-trimethyl- Concentration Rank 47

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 14.710 | 6.18 ng/ul | 490529 | Acenaphthene-d10 | 14.304 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | Naphthalene, 2,3,6-trimethyl-       | 170 | C13H14    | 000829-26-5  | 90   |
| 2    |    |   | Naphthalene, 1,6,7-trimethyl-       | 170 | C13H14    | 002245-38-7  | 87   |
| 3    |    |   | 4,6,8-Trimethylazulene              | 170 | C13H14    | 000941-81-1  | 81   |
| 4    |    |   | o-Butyl 0,0-diethyl phosphorothi... | 226 | C8H19O3PS | 1000298-58-3 | 80   |
| 5    |    |   | Naphthalene, 2,3,6-trimethyl-       | 170 | C13H14    | 000829-26-5  | 74   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100224\  
Data File : BP022208.D  
Acq On : 03 Oct 2024 23:58  
Operator : RC/JU  
Sample : P4019-22ME  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DDCJ8ME

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP092424.MA.M  
Quant Title : SVOA CALIBRATION

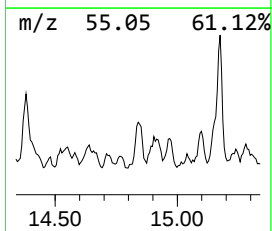
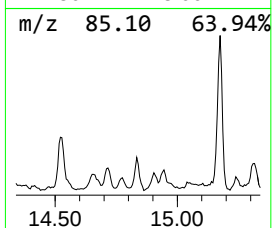
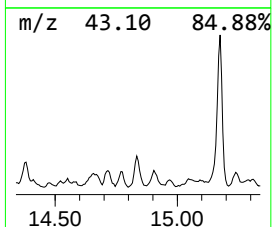
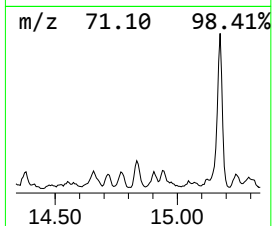
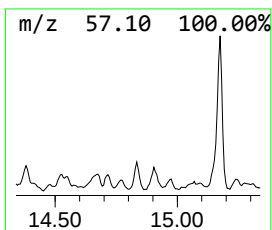
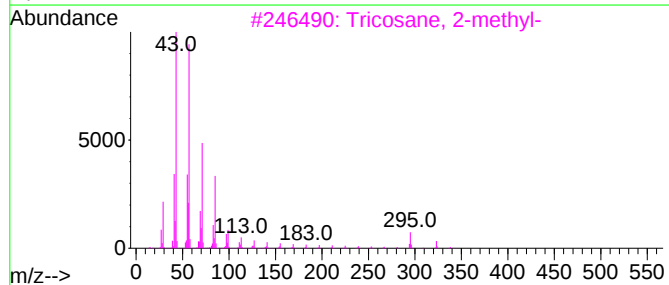
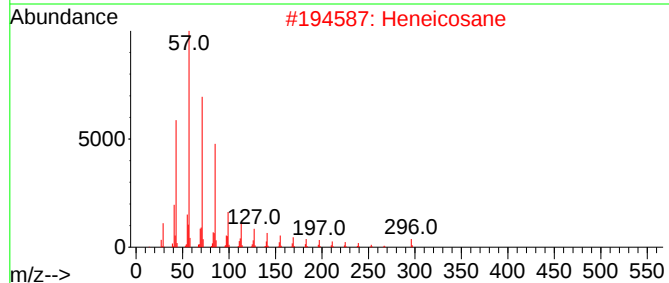
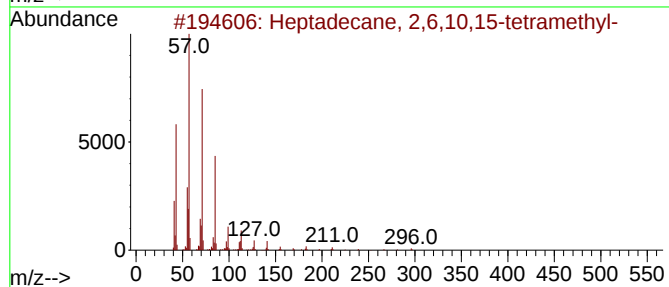
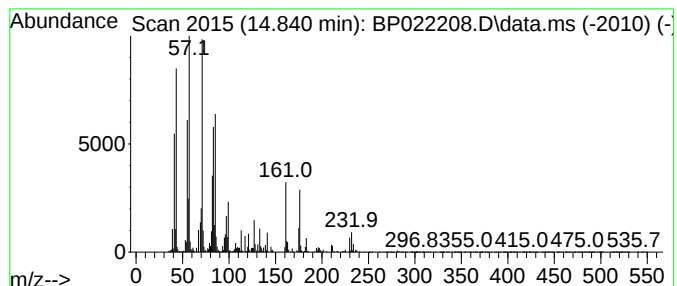
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 50 (DEL) Alkane: Straight-Chai... Concentration Rank 46

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 14.839 | 6.20 ng/ul | 491902 | Acenaphthene-d10 | 14.304 |

| Hit# | of 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|------|-------------------------------------|-----|---------|-------------|------|
| 1    |      | Heptadecane, 2,6,10,15-tetramethyl- | 296 | C21H44  | 054833-48-6 | 55   |
| 2    |      | Heneicosane                         | 296 | C21H44  | 000629-94-7 | 49   |
| 3    |      | Tricosane, 2-methyl-                | 338 | C24H50  | 001928-30-9 | 47   |
| 4    |      | 10-Methylnonadecane                 | 282 | C20H42  | 056862-62-5 | 47   |
| 5    |      | 2-Methylhexacosane                  | 380 | C27H56  | 001561-02-0 | 47   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100224\  
Data File : BP022208.D  
Acq On : 03 Oct 2024 23:58  
Operator : RC/JU  
Sample : P4019-22ME  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

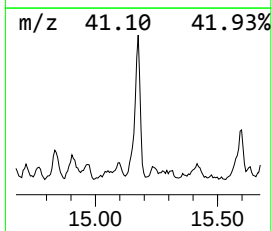
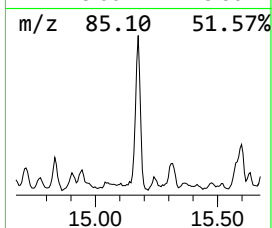
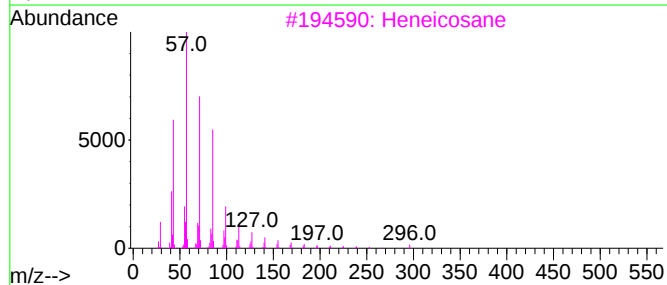
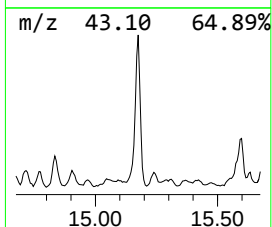
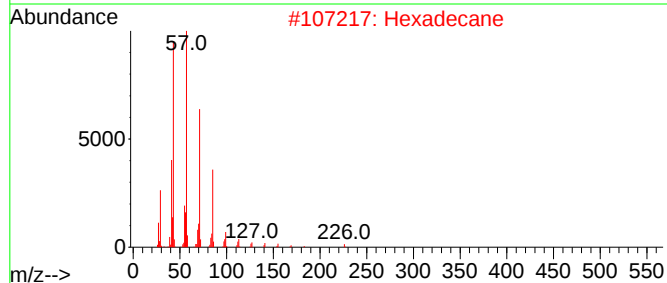
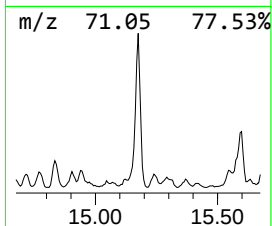
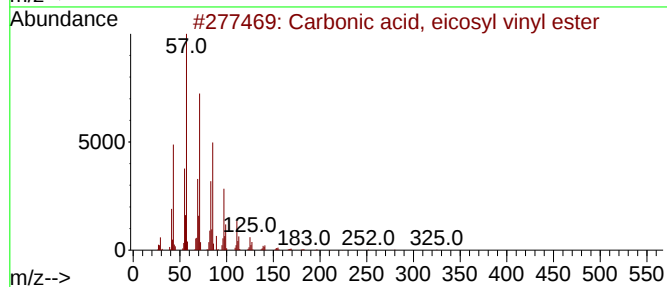
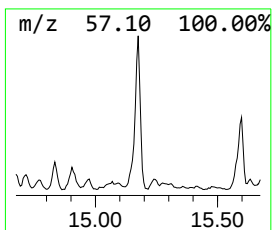
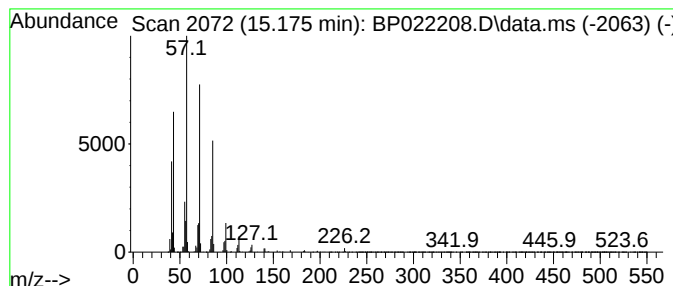
Instrument :  
BNA\_P  
ClientSampleId :  
DDCJ8ME

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP092424.MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 52 Carbonic acid, eicosyl vinyl... Concentration Rank 7

| R.T.      | EstConc                            | Area    | Relative to ISTD |          | R.T.         |      |
|-----------|------------------------------------|---------|------------------|----------|--------------|------|
| 15.175    | 19.93 ng/ul                        | 1582110 | Acenaphthene-d10 |          | 14.304       |      |
| Hit# of 5 | Tentative ID                       |         | MW               | MolForm  | CAS#         | Qual |
| 1         | Carbonic acid, eicosyl vinyl ester |         | 368              | C23H44O3 | 1000382-54-3 | 91   |
| 2         | Hexadecane                         |         | 226              | C16H34   | 000544-76-3  | 90   |
| 3         | Heneicosane                        |         | 296              | C21H44   | 000629-94-7  | 90   |
| 4         | Decane, 2,3,5-trimethyl-           |         | 184              | C13H28   | 062238-11-3  | 90   |
| 5         | Hexadecane, 1-iodo-                |         | 352              | C16H33I  | 000544-77-4  | 86   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100224\  
Data File : BP022208.D  
Acq On : 03 Oct 2024 23:58  
Operator : RC/JU  
Sample : P4019-22ME  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DDCJ8ME

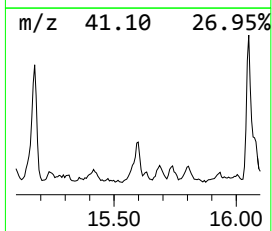
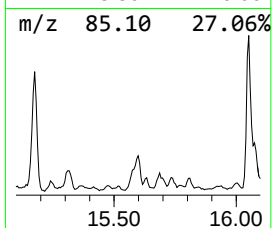
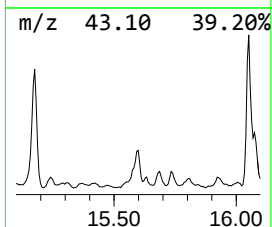
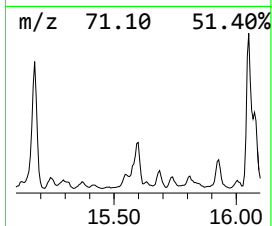
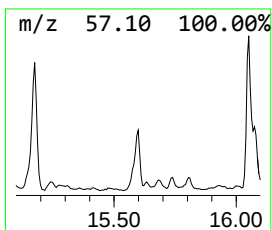
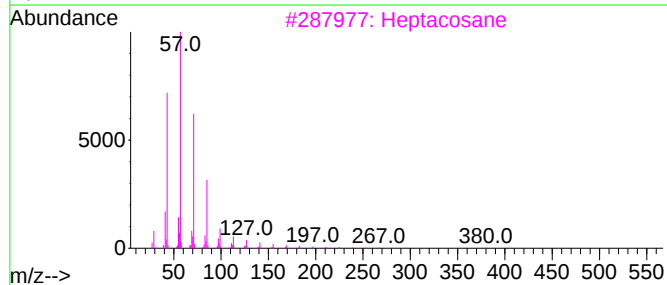
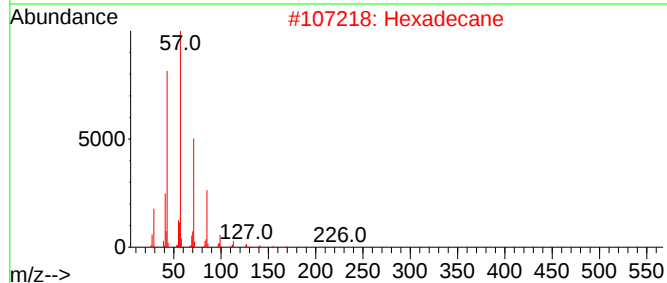
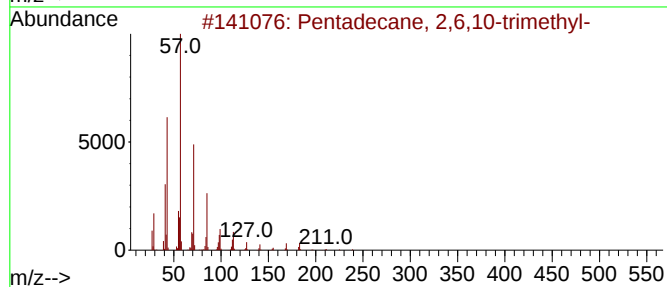
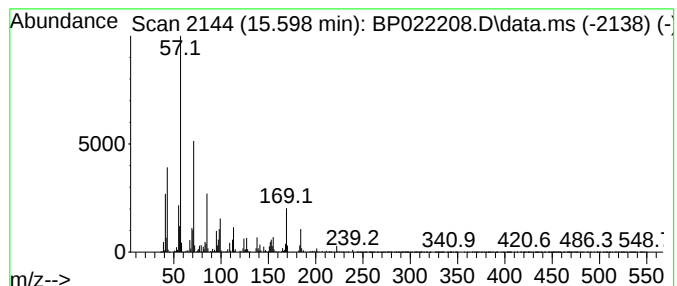
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Quant Title : SVOA CALIBRATION

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

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Peak Number 53 (DEL) Alkane: Straight-Chai... Concentration Rank 34

| R.T.      | EstConc                        | Area   | Relative to ISTD | R.T.        |      |
|-----------|--------------------------------|--------|------------------|-------------|------|
| 15.598    | 8.17 ng/ul                     | 648598 | Acenaphthene-d10 | 14.304      |      |
| Hit# of 5 | Tentative ID                   | MW     | MolForm          | CAS#        | Qual |
| 1         | Pentadecane, 2,6,10-trimethyl- | 254    | C18H38           | 003892-00-0 | 70   |
| 2         | Hexadecane                     | 226    | C16H34           | 000544-76-3 | 60   |
| 3         | Heptacosane                    | 380    | C27H56           | 000593-49-7 | 52   |
| 4         | Dodecane, 3-methyl-            | 184    | C13H28           | 017312-57-1 | 52   |
| 5         | Hexadecane                     | 226    | C16H34           | 000544-76-3 | 49   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100224\  
Data File : BP022208.D  
Acq On : 03 Oct 2024 23:58  
Operator : RC/JU  
Sample : P4019-22ME  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DDCJ8ME

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP092424.MA.M  
Quant Title : SVOA CALIBRATION

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

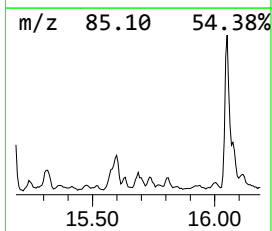
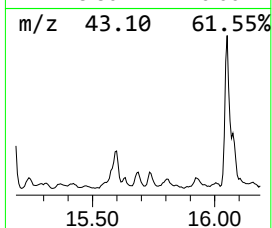
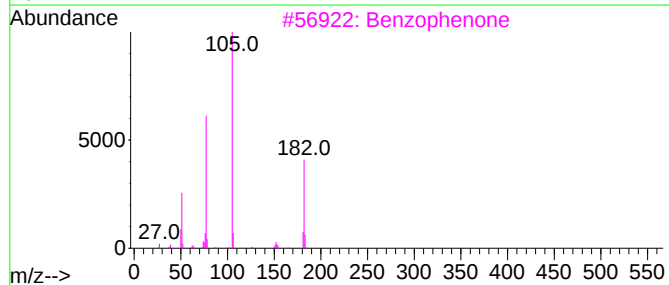
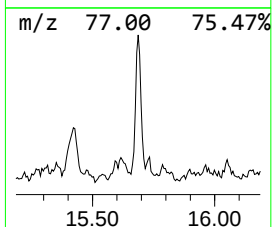
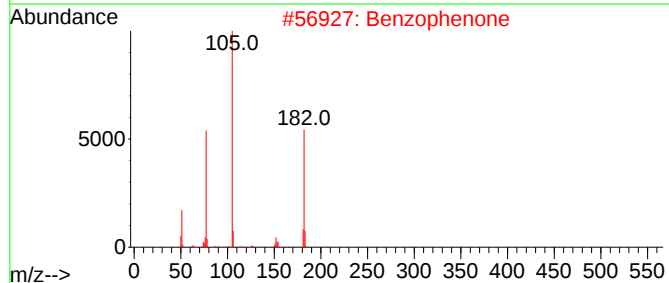
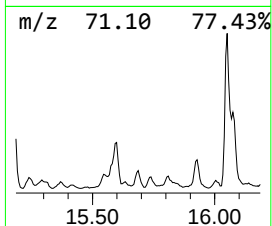
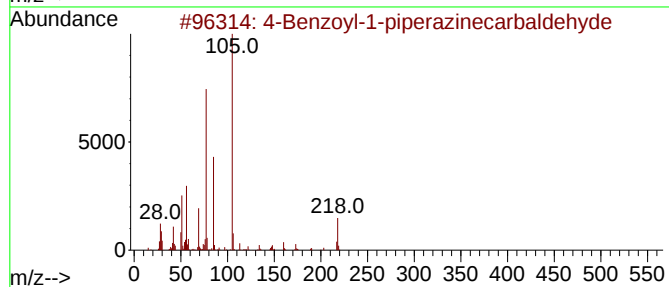
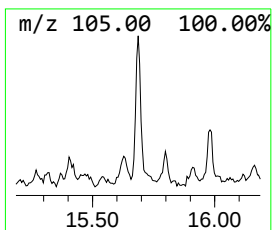
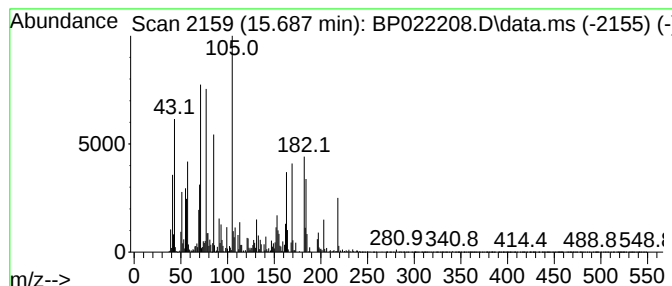
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Peak Number 54 unknown-04

Concentration Rank 45

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 15.687 | 6.26 ng/ul | 496923 | Acenaphthene-d10 | 14.304 |

| Hit# | of | 5 | Tentative ID                       | MW  | MolForm    | CAS#         | Qual |
|------|----|---|------------------------------------|-----|------------|--------------|------|
| 1    |    |   | 4-Benzoyl-1-piperazinecarbaldehyde | 218 | C12H14N2O2 | 1000332-13-9 | 38   |
| 2    |    |   | Benzophenone                       | 182 | C13H10O    | 000119-61-9  | 20   |
| 3    |    |   | Benzophenone                       | 182 | C13H10O    | 000119-61-9  | 20   |
| 4    |    |   | Hexadecane, 4-methyl-              | 240 | C17H36     | 025117-26-4  | 14   |
| 5    |    |   | Benzophenone                       | 182 | C13H10O    | 000119-61-9  | 14   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100224\  
Data File : BP022208.D  
Acq On : 03 Oct 2024 23:58  
Operator : RC/JU  
Sample : P4019-22ME  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DDCJ8ME

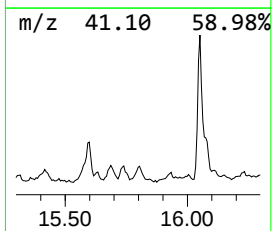
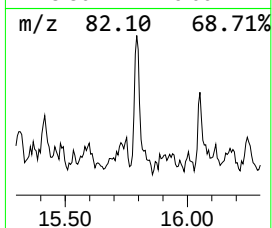
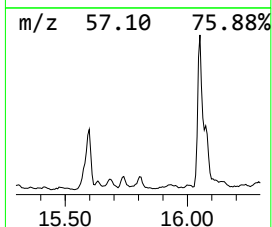
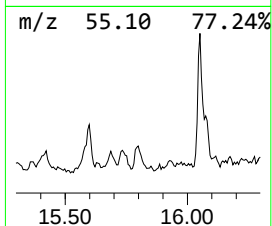
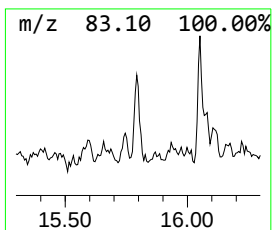
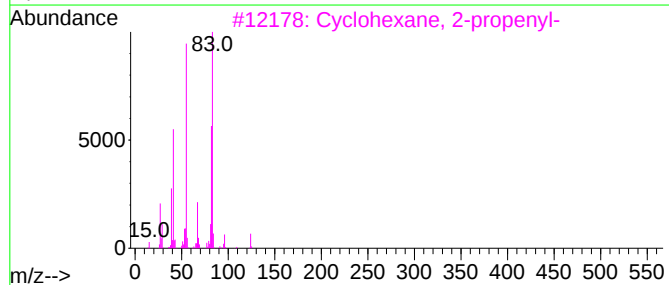
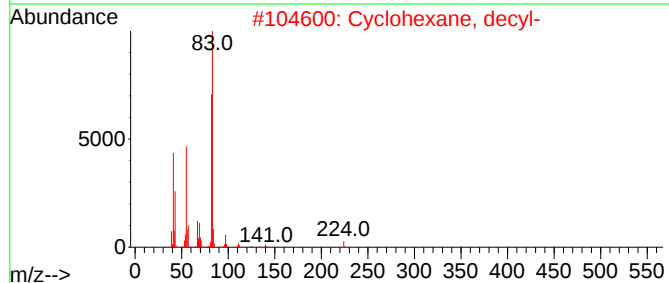
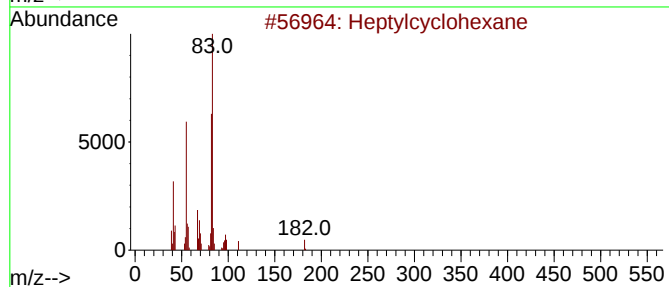
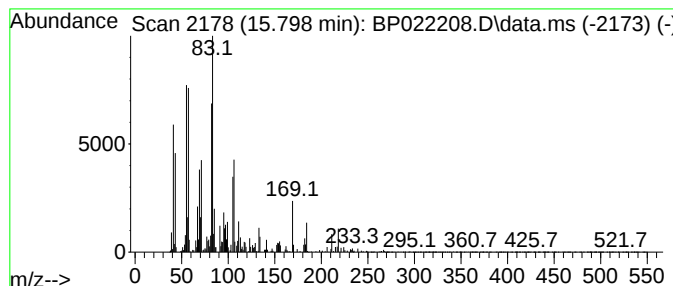
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Quant Title : SVOA CALIBRATION

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

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Peak Number 55 (DEL) Alkane: Cyclic15.798 Concentration Rank 52

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 15.798 | 5.82 ng/ul | 519264 | Phenanthrene-d10 | 17.104 |

| Hit# | of | 5 | Tentative ID             | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------------------|-----|---------|-------------|------|
| 1    |    |   | Heptylcyclohexane        | 182 | C13H26  | 005617-41-4 | 46   |
| 2    |    |   | Cyclohexane, decyl-      | 224 | C16H32  | 001795-16-0 | 38   |
| 3    |    |   | Cyclohexane, 2-propenyl- | 124 | C9H16   | 002114-42-3 | 38   |
| 4    |    |   | Decane, 2-cyclohexyl-    | 224 | C16H32  | 013151-73-0 | 38   |
| 5    |    |   | Cyclohexane, tetradecyl- | 280 | C20H40  | 001795-18-2 | 35   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100224\  
Data File : BP022208.D  
Acq On : 03 Oct 2024 23:58  
Operator : RC/JU  
Sample : P4019-22ME  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DDCJ8ME

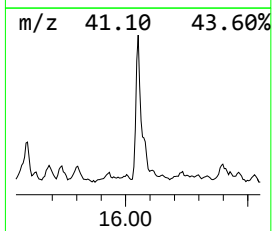
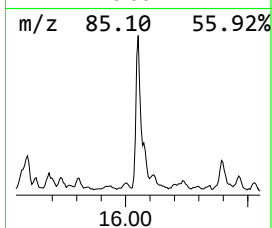
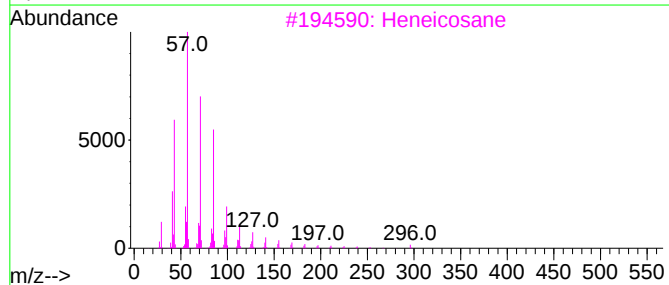
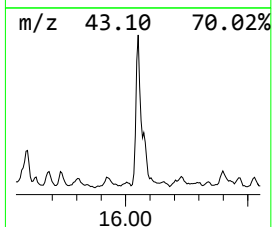
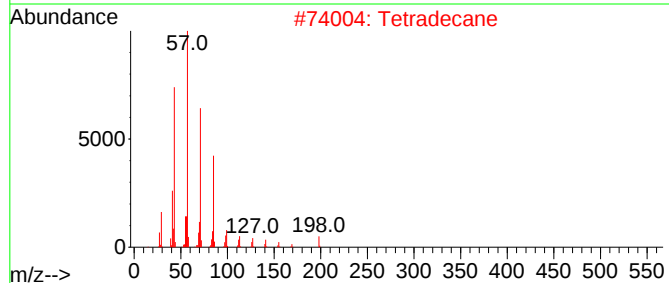
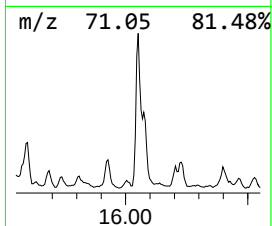
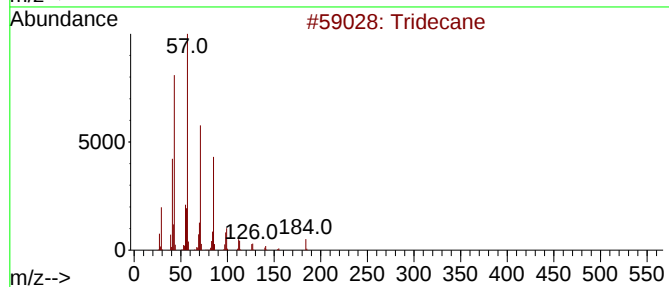
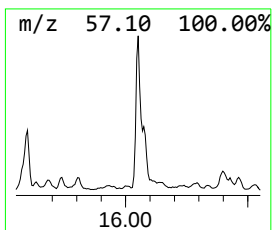
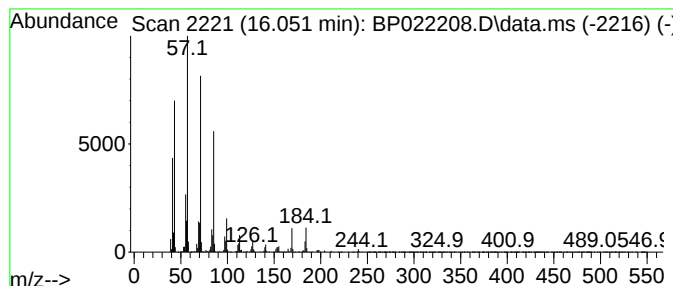
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Quant Title : SVOA CALIBRATION

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

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Peak Number 56 (DEL) Alkane: Straight-Chai... Concentration Rank 8

| R.T.      | EstConc           | Area    | Relative to ISTD |         | R.T.        |      |
|-----------|-------------------|---------|------------------|---------|-------------|------|
| 16.051    | 18.82 ng/ul       | 1679440 | Phenanthrene-d10 |         | 17.104      |      |
| Hit# of 5 | Tentative ID      |         | MW               | MolForm | CAS#        | Qual |
| 1         | Tridecane         |         | 184              | C13H28  | 000629-50-5 | 87   |
| 2         | Tetradecane       |         | 198              | C14H30  | 000629-59-4 | 83   |
| 3         | Heneicosane       |         | 296              | C21H44  | 000629-94-7 | 81   |
| 4         | Dodecane, 1-iodo- |         | 296              | C12H25I | 004292-19-7 | 80   |
| 5         | Hexacosane        |         | 366              | C26H54  | 000630-01-3 | 80   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100224\  
Data File : BP022208.D  
Acq On : 03 Oct 2024 23:58  
Operator : RC/JU  
Sample : P4019-22ME  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

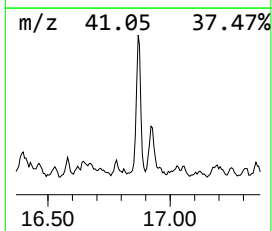
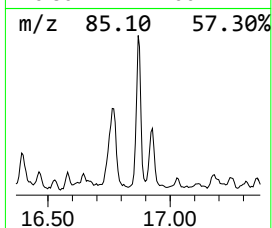
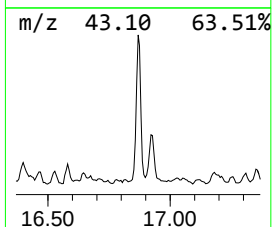
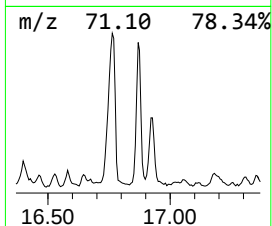
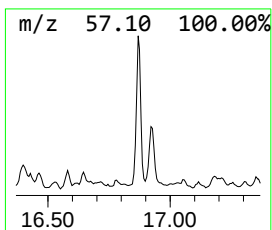
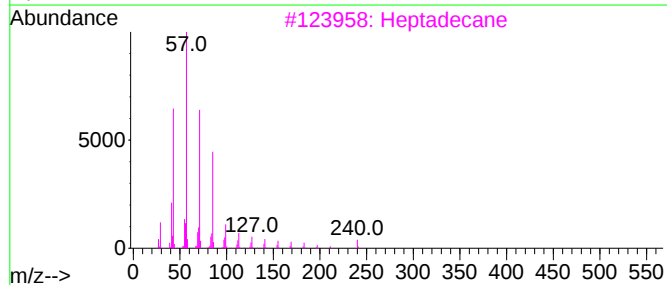
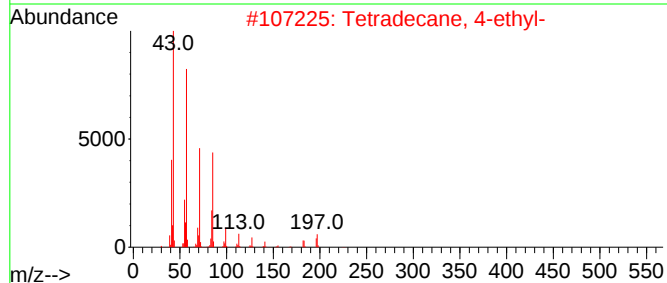
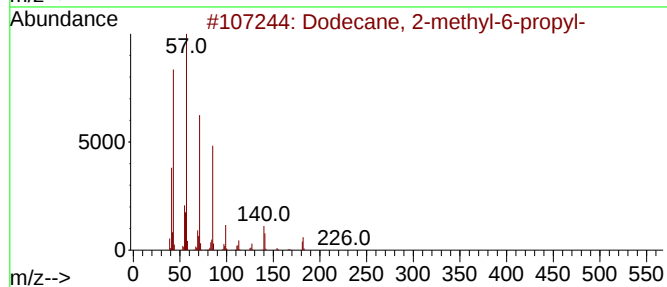
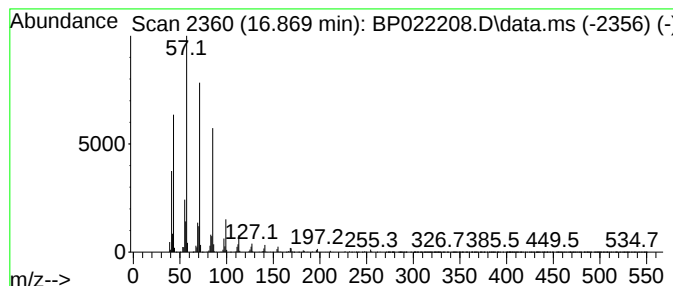
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BNA\_P  
ClientSampleId :  
DDCJ8ME

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP092424.MA.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 57 (DEL) Alkane: Straight-Chai... Concentration Rank 20

| R.T.      | EstConc                      | Area    | Relative to ISTD |         | R.T.        |      |
|-----------|------------------------------|---------|------------------|---------|-------------|------|
| 16.869    | 11.56 ng/ul                  | 1031350 | Phenanthrene-d10 |         | 17.104      |      |
| Hit# of 5 | Tentative ID                 |         | MW               | MolForm | CAS#        | Qual |
| 1         | Dodecane, 2-methyl-6-propyl- |         | 226              | C16H34  | 055045-08-4 | 93   |
| 2         | Tetradecane, 4-ethyl-        |         | 226              | C16H34  | 055045-14-2 | 87   |
| 3         | Heptadecane                  |         | 240              | C17H36  | 000629-78-7 | 86   |
| 4         | Tetradecane                  |         | 198              | C14H30  | 000629-59-4 | 86   |
| 5         | Tetradecane, 1-iodo-         |         | 324              | C14H29I | 019218-94-1 | 86   |



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Data File : BP022208.D  
Acq On : 03 Oct 2024 23:58  
Operator : RC/JU  
Sample : P4019-22ME  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
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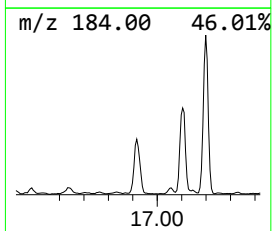
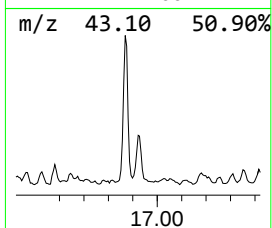
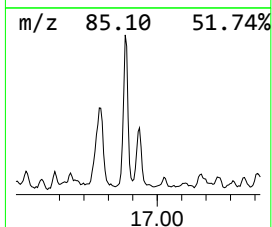
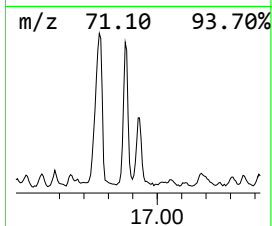
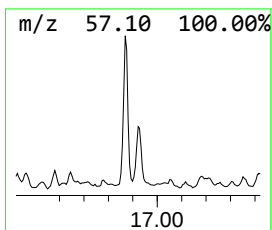
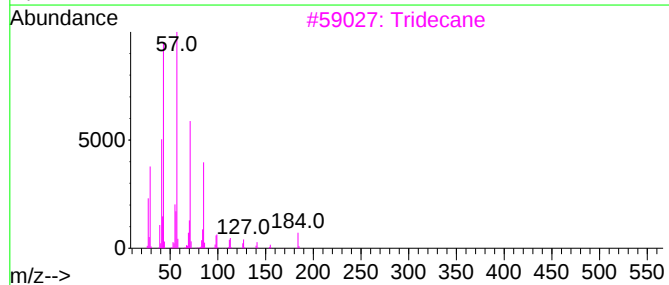
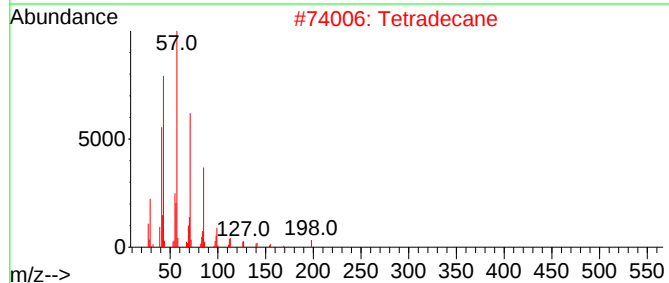
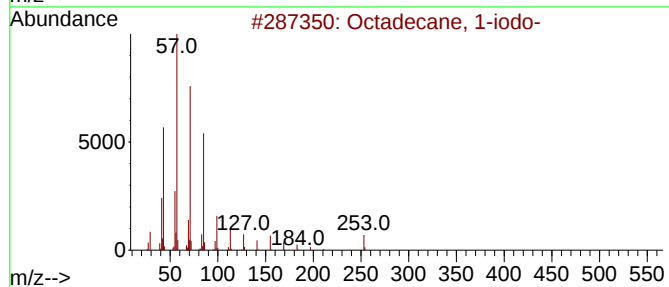
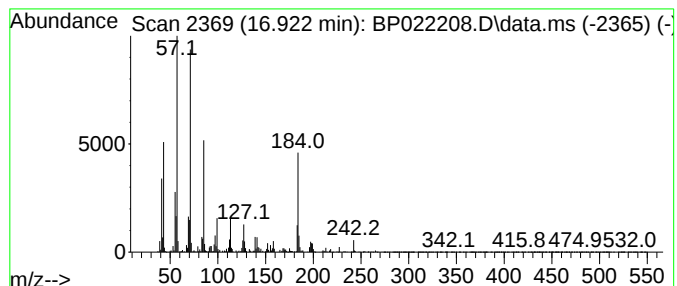
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Quant Title : SVOA CALIBRATION

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

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Peak Number 58 Octadecane, 1-iodo- Concentration Rank 27

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 16.922 | 9.54 ng/ul | 851245 | Phenanthrene-d10 | 17.104 |

| Hit# | of | 5 | Tentative ID          | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------|-----|---------|-------------|------|
| 1    |    |   | Octadecane, 1-iodo-   | 380 | C18H37I | 000629-93-6 | 64   |
| 2    |    |   | Tetradecane           | 198 | C14H30  | 000629-59-4 | 62   |
| 3    |    |   | Tridecane             | 184 | C13H28  | 000629-50-5 | 62   |
| 4    |    |   | Decane, 3,8-dimethyl- | 170 | C12H26  | 017312-55-9 | 62   |
| 5    |    |   | Decane, 2-methyl-     | 156 | C11H24  | 006975-98-0 | 60   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100224\  
Data File : BP022208.D  
Acq On : 03 Oct 2024 23:58  
Operator : RC/JU  
Sample : P4019-22ME  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
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Quant Title : SVOA CALIBRATION

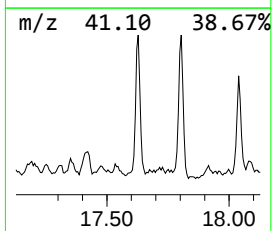
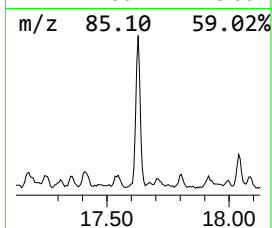
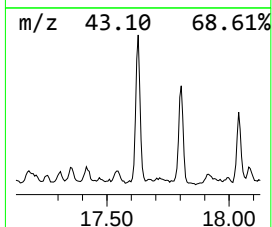
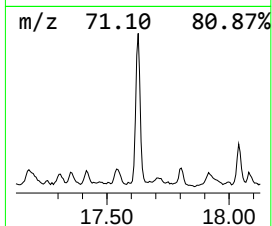
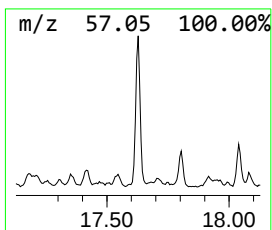
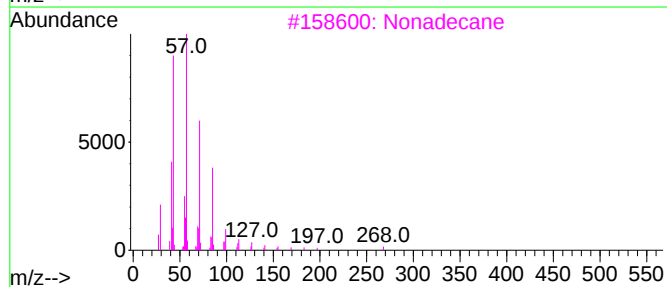
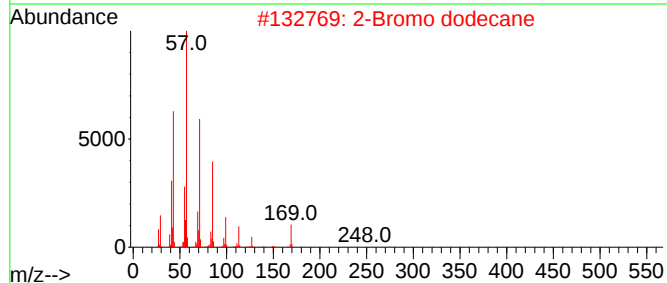
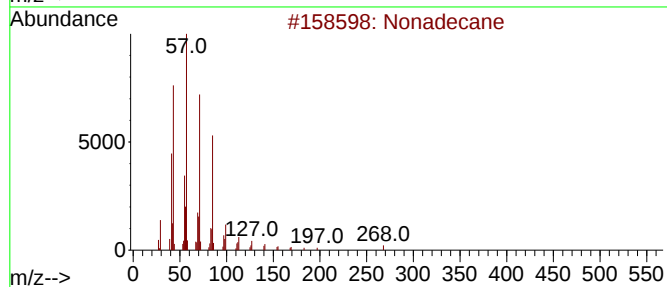
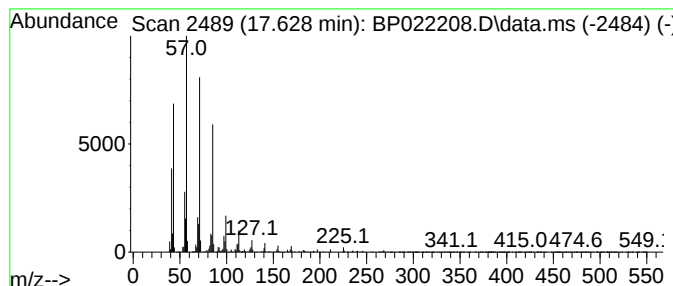
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 59 (DEL) Alkane: Straight-Chai... Concentration Rank 19

| R.T.   | EstConc     | Area    | Relative to ISTD | R.T.   |
|--------|-------------|---------|------------------|--------|
| 17.628 | 12.07 ng/ul | 1077570 | Phenanthrene-d10 | 17.104 |

| Hit# | of 5 | Tentative ID     | MW  | MolForm  | CAS#        | Qual |
|------|------|------------------|-----|----------|-------------|------|
| 1    |      | Nonadecane       | 268 | C19H40   | 000629-92-5 | 96   |
| 2    |      | 2-Bromo dodecane | 248 | C12H25Br | 013187-99-0 | 93   |
| 3    |      | Nonadecane       | 268 | C19H40   | 000629-92-5 | 91   |
| 4    |      | Heneicosane      | 296 | C21H44   | 000629-94-7 | 91   |
| 5    |      | Octadecane       | 254 | C18H38   | 000593-45-3 | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100224\  
Data File : BP022208.D  
Acq On : 03 Oct 2024 23:58  
Operator : RC/JU  
Sample : P4019-22ME  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DDCJ8ME

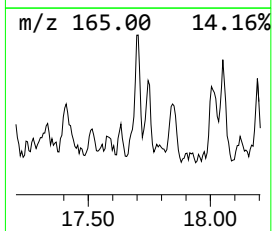
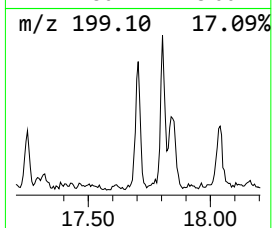
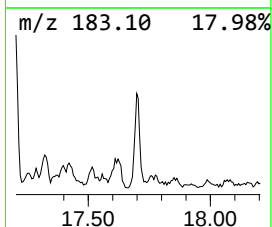
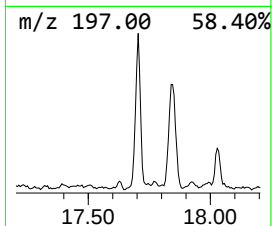
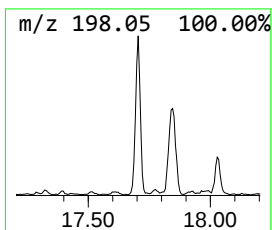
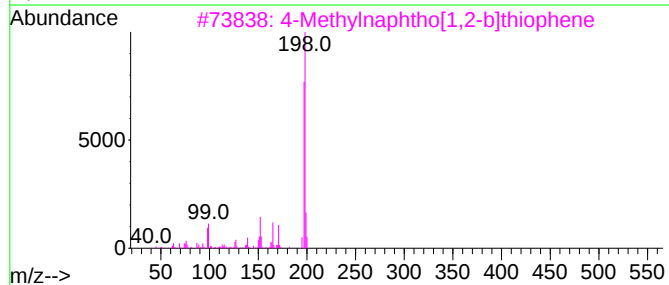
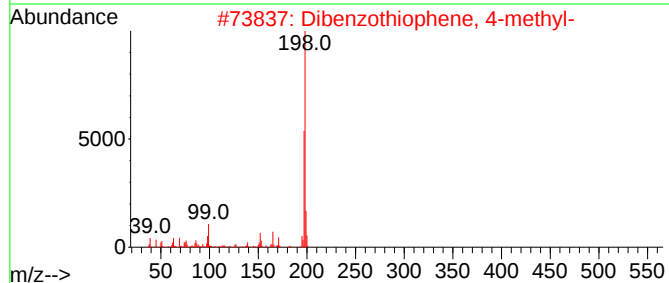
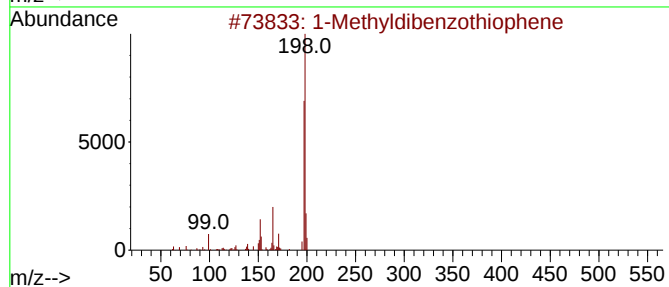
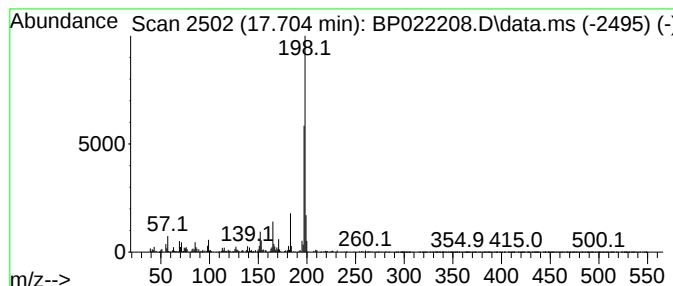
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Quant Title : SVOA CALIBRATION

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

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Peak Number 60 1-Methyldibenzothiophene Concentration Rank 51

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 17.704 | 5.87 ng/ul | 523443 | Phenanthrene-d10 | 17.104 |

| Hit# | of | 5 | Tentative ID                    | MW  | MolForm | CAS#         | Qual |
|------|----|---|---------------------------------|-----|---------|--------------|------|
| 1    |    |   | 1-Methyldibenzothiophene        | 198 | C13H10S | 031317-07-4  | 95   |
| 2    |    |   | Dibenzothiophene, 4-methyl-     | 198 | C13H10S | 007372-88-5  | 93   |
| 3    |    |   | 4-Methylnaphtho[1,2-b]thiophene | 198 | C13H10S | 067388-11-8  | 93   |
| 4    |    |   | 2-Methyldibenzothiophene        | 198 | C13H10S | 1000383-55-1 | 90   |
| 5    |    |   | Dibenzothiophene, 3-methyl-     | 198 | C13H10S | 016587-52-3  | 90   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100224\  
Data File : BP022208.D  
Acq On : 03 Oct 2024 23:58  
Operator : RC/JU  
Sample : P4019-22ME  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DDCJ8ME

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP092424.MA.M  
Quant Title : SVOA CALIBRATION

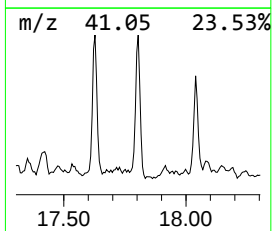
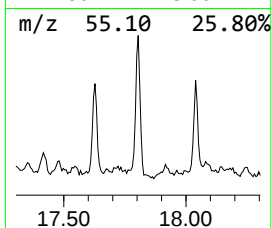
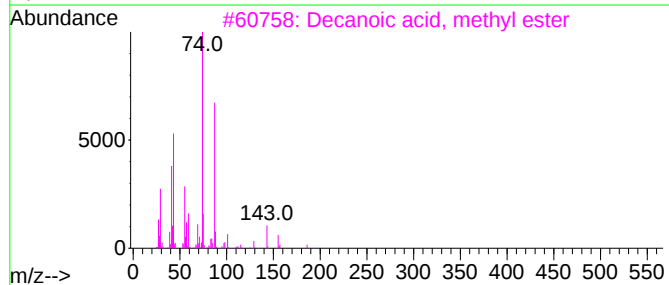
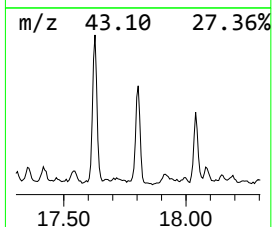
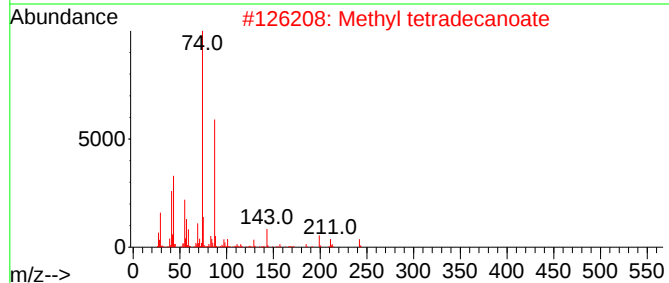
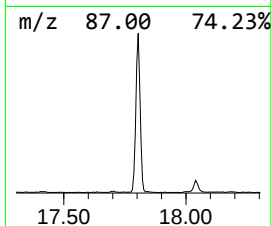
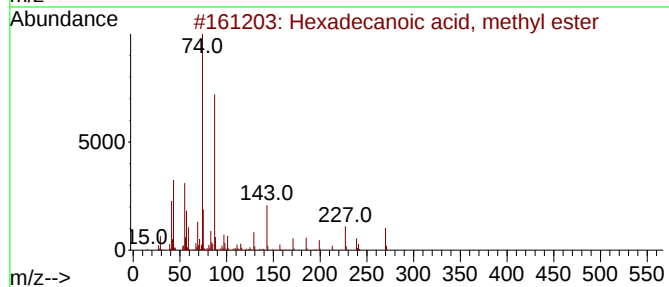
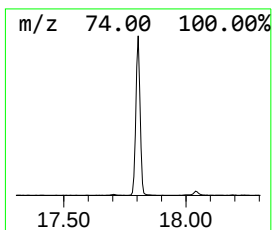
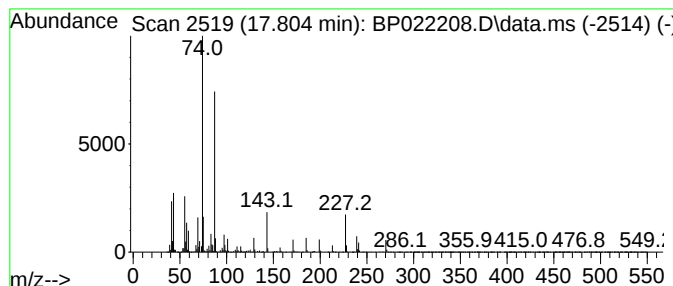
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TIC Integration Parameters: LSCINT.P

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Peak Number 61 Hexadecanoic acid, methyl e... Concentration Rank 10

| R.T.   | EstConc     | Area    | Relative to ISTD | R.T.   |
|--------|-------------|---------|------------------|--------|
| 17.804 | 17.55 ng/ul | 1565960 | Phenanthrene-d10 | 17.104 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | Hexadecanoic acid, methyl ester     | 270 | C17H34O2 | 000112-39-0 | 96   |
| 2    |    |   | Methyl tetradecanoate               | 242 | C15H30O2 | 000124-10-7 | 93   |
| 3    |    |   | Decanoic acid, methyl ester         | 186 | C11H22O2 | 000110-42-9 | 91   |
| 4    |    |   | Pentadecanoic acid, 14-methyl-, ... | 270 | C17H34O2 | 005129-60-2 | 91   |
| 5    |    |   | Hexadecanoic acid, methyl ester     | 270 | C17H34O2 | 000112-39-0 | 89   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100224\  
Data File : BP022208.D  
Acq On : 03 Oct 2024 23:58  
Operator : RC/JU  
Sample : P4019-22ME  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

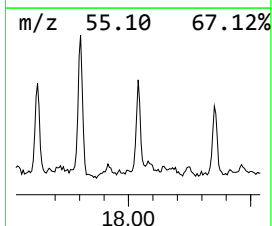
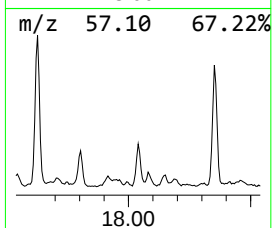
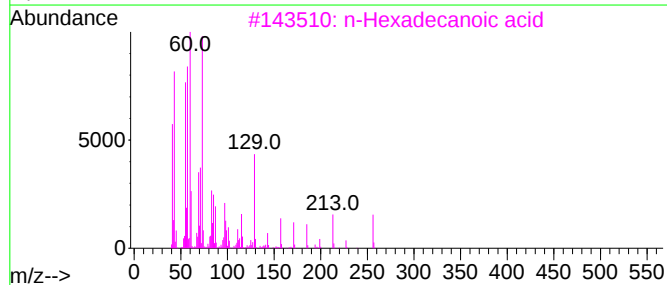
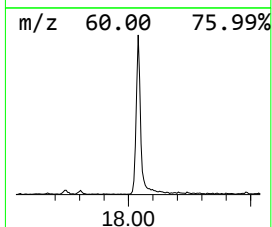
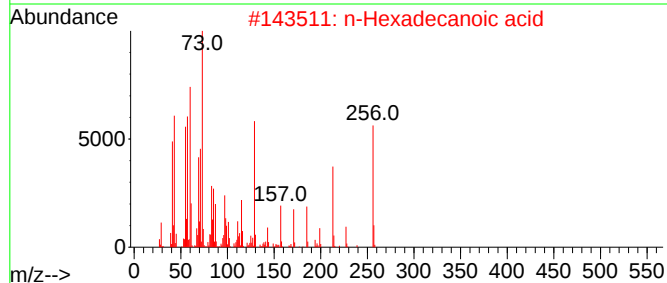
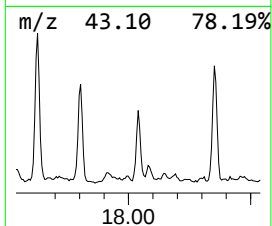
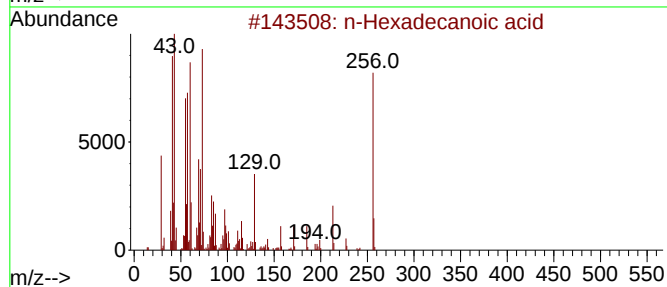
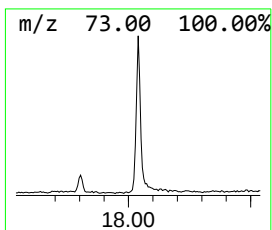
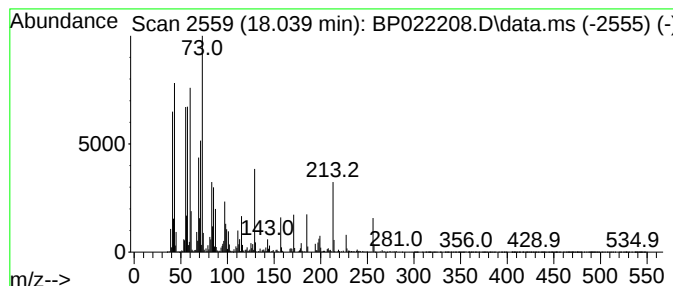
Instrument :  
BNA\_P  
ClientSampleId :  
DDCJ8ME

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP092424.MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 62 n-Hexadecanoic acid Concentration Rank 21

| R.T.      | EstConc             | Area   | Relative to ISTD |          | R.T.        |      |
|-----------|---------------------|--------|------------------|----------|-------------|------|
| 18.039    | 10.89 ng/ul         | 972230 | Phenanthrene-d10 |          | 17.104      |      |
| 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 | 97   |
| 3         | n-Hexadecanoic acid |        | 256              | C16H32O2 | 000057-10-3 | 96   |
| 4         | n-Hexadecanoic acid |        | 256              | C16H32O2 | 000057-10-3 | 95   |
| 5         | n-Decanoic acid     |        | 172              | C10H20O2 | 000334-48-5 | 76   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100224\  
Data File : BP022208.D  
Acq On : 03 Oct 2024 23:58  
Operator : RC/JU  
Sample : P4019-22ME  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DDCJ8ME

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP092424.MA.M  
Quant Title : SVOA CALIBRATION

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

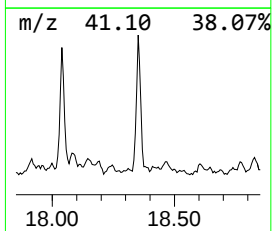
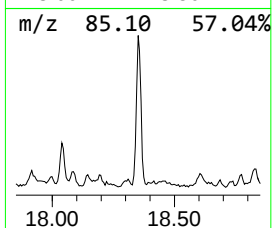
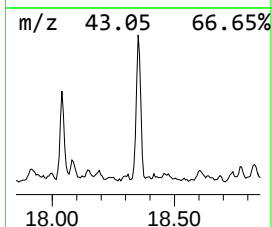
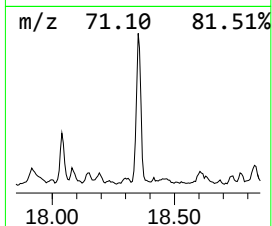
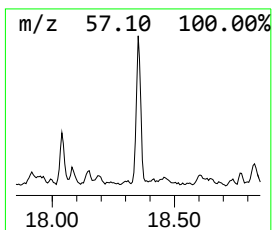
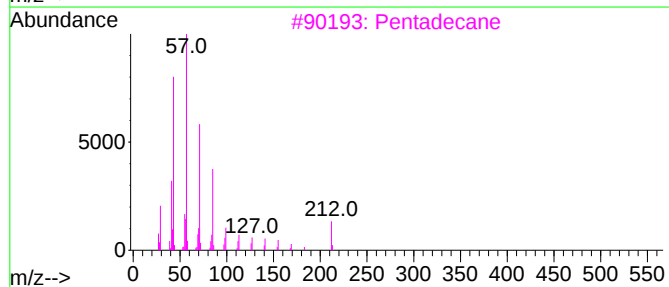
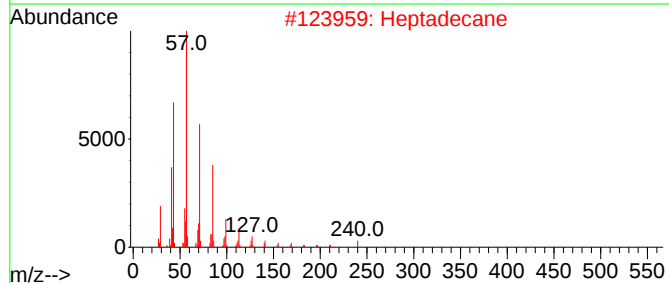
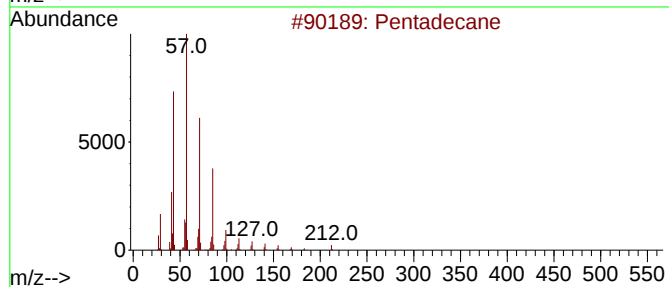
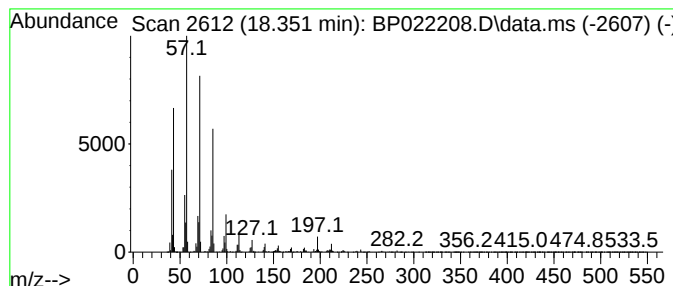
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Peak Number 63 (DEL) Alkane: Straight-Chai... Concentration Rank 22

| R.T.   | EstConc     | Area   | Relative to ISTD | R.T.   |
|--------|-------------|--------|------------------|--------|
| 18.351 | 10.77 ng/ul | 961284 | Phenanthrene-d10 | 17.104 |

| Hit# | of 5 | Tentative ID        | MW  | MolForm | CAS#        | Qual |
|------|------|---------------------|-----|---------|-------------|------|
| 1    |      | Pentadecane         | 212 | C15H32  | 000629-62-9 | 96   |
| 2    |      | Heptadecane         | 240 | C17H36  | 000629-78-7 | 87   |
| 3    |      | Pentadecane         | 212 | C15H32  | 000629-62-9 | 87   |
| 4    |      | Dodecane, 4-methyl- | 184 | C13H28  | 006117-97-1 | 87   |
| 5    |      | Octadecane          | 254 | C18H38  | 000593-45-3 | 87   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100224\  
Data File : BP022208.D  
Acq On : 03 Oct 2024 23:58  
Operator : RC/JU  
Sample : P4019-22ME  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DDCJ8ME

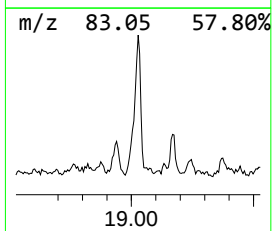
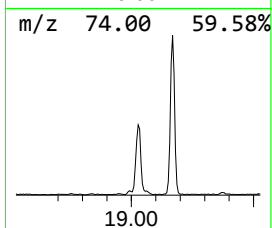
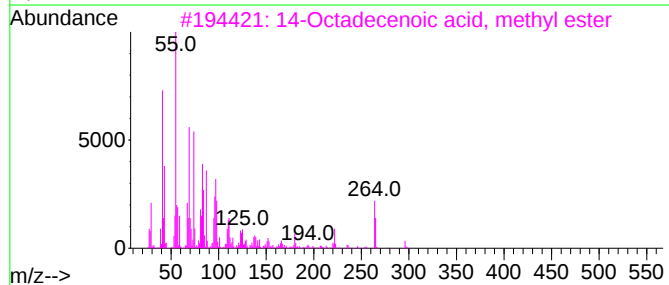
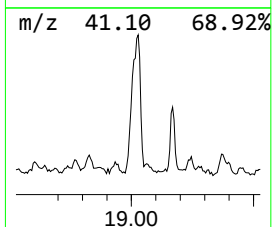
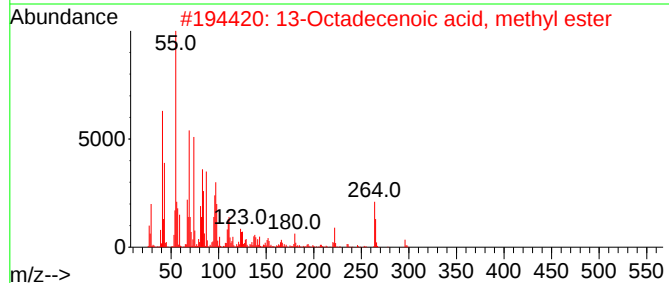
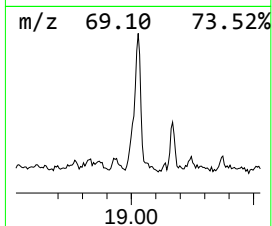
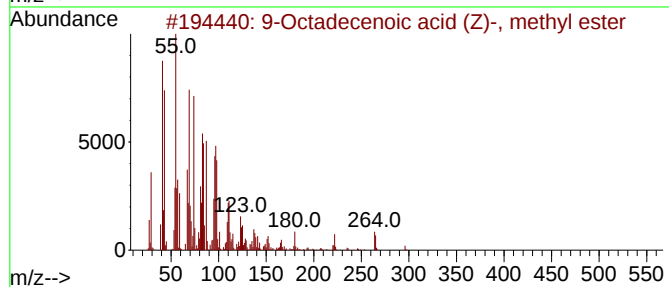
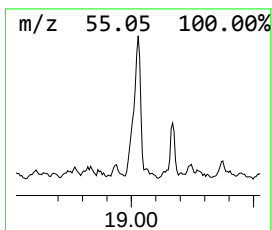
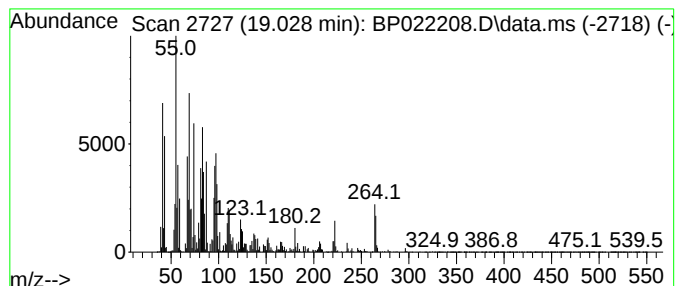
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Quant Title : SVOA CALIBRATION

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

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Peak Number 64 9-Octadecenoic acid (Z)-, m... Concentration Rank 5

| R.T.      | EstConc                             | Area    | Relative to ISTD | R.T.        |      |
|-----------|-------------------------------------|---------|------------------|-------------|------|
| 19.028    | 22.88 ng/ul                         | 2041970 | Phenanthrene-d10 | 17.104      |      |
| Hit# of 5 | Tentative ID                        | MW      | MolForm          | CAS#        | Qual |
| 1         | 9-Octadecenoic acid (Z)-, methyl... | 296     | C19H36O2         | 000112-62-9 | 99   |
| 2         | 13-Octadecenoic acid, methyl ester  | 296     | C19H36O2         | 056554-47-3 | 99   |
| 3         | 14-Octadecenoic acid, methyl ester  | 296     | C19H36O2         | 056554-48-4 | 99   |
| 4         | 12-Octadecenoic acid, methyl ester  | 296     | C19H36O2         | 056554-46-2 | 98   |
| 5         | 6-Octadecenoic acid, methyl este... | 296     | C19H36O2         | 002777-58-4 | 97   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100224\  
Data File : BP022208.D  
Acq On : 03 Oct 2024 23:58  
Operator : RC/JU  
Sample : P4019-22ME  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DDCJ8ME

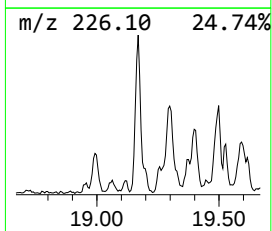
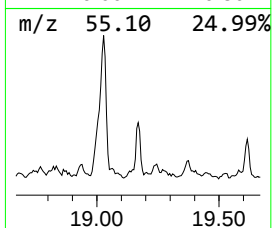
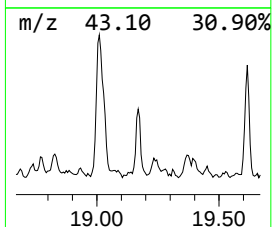
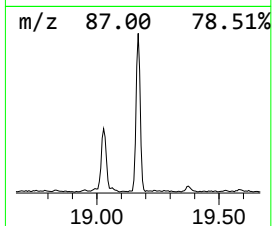
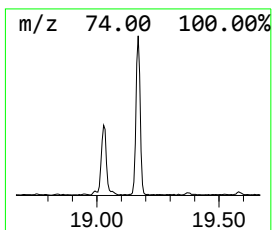
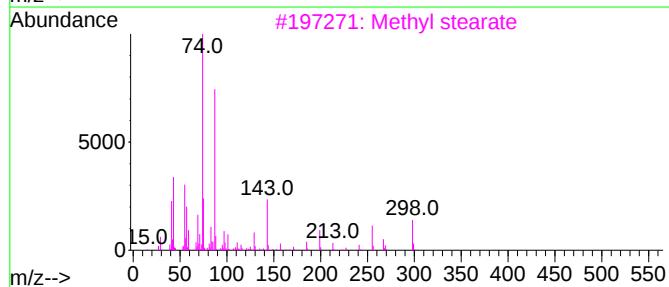
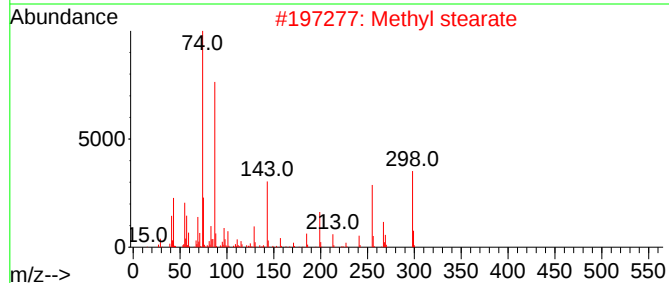
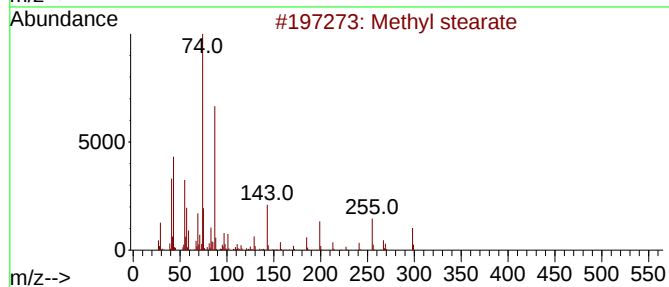
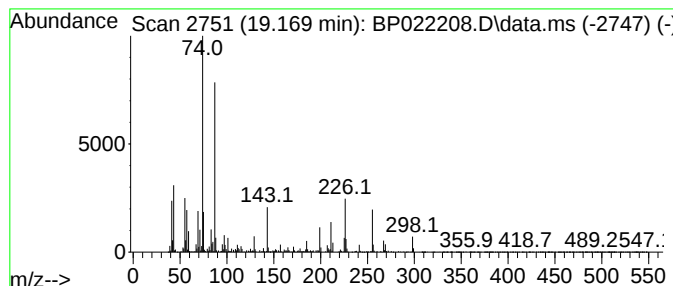
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Quant Title : SVOA CALIBRATION

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

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Peak Number 65 Methyl stearate Concentration Rank 43

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 19.169 | 7.43 ng/ul | 662651 | Phenanthrene-d10 | 17.104 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | Methyl stearate                     | 298 | C19H38O2 | 000112-61-8 | 99   |
| 2    |    |   | Methyl stearate                     | 298 | C19H38O2 | 000112-61-8 | 98   |
| 3    |    |   | Methyl stearate                     | 298 | C19H38O2 | 000112-61-8 | 98   |
| 4    |    |   | Heptadecanoic acid, 16-methyl-, ... | 298 | C19H38O2 | 005129-61-3 | 97   |
| 5    |    |   | Methyl stearate                     | 298 | C19H38O2 | 000112-61-8 | 96   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100224\  
Data File : BP022208.D  
Acq On : 03 Oct 2024 23:58  
Operator : RC/JU  
Sample : P4019-22ME  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DDCJ8ME

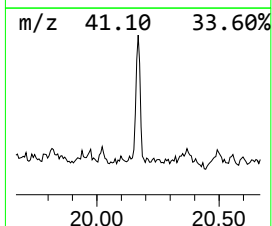
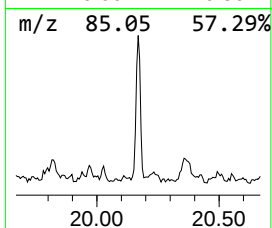
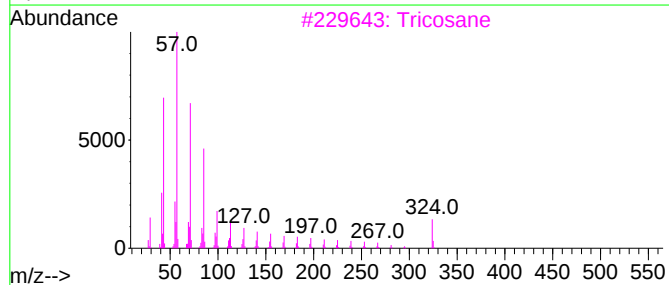
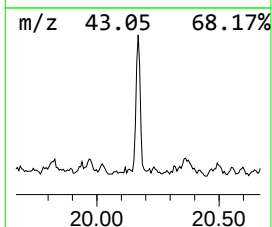
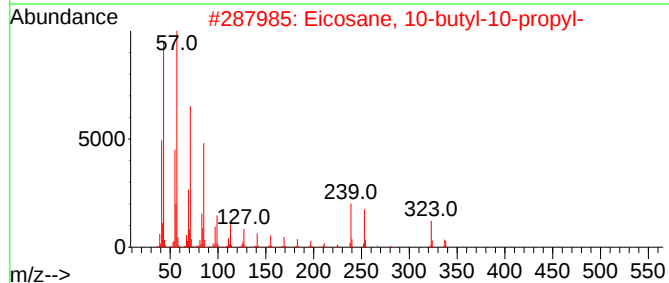
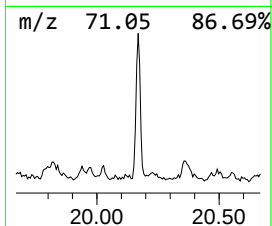
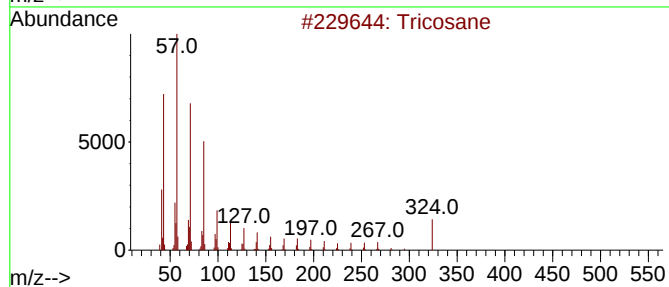
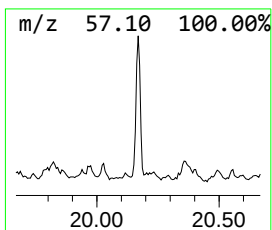
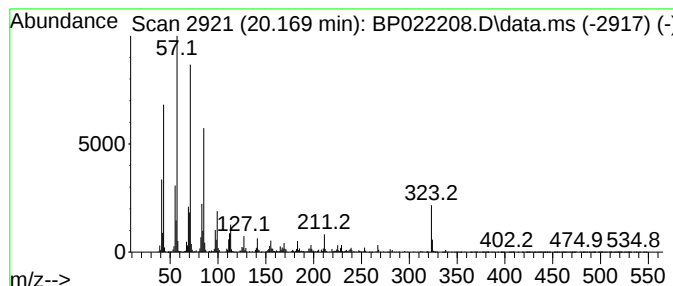
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Quant Title : SVOA CALIBRATION

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

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Peak Number 66 (DEL) Alkane: Straight-Chai... Concentration Rank 53

| R.T.      | EstConc                        | Area   | Relative to ISTD |         | R.T.        |      |
|-----------|--------------------------------|--------|------------------|---------|-------------|------|
| 20.169    | 5.80 ng/ul                     | 554219 | Chrysene-d12     |         | 21.533      |      |
| Hit# of 5 | Tentative ID                   |        | MW               | MolForm | CAS#        | Qual |
| 1         | Tricosane                      |        | 324              | C23H48  | 000638-67-5 | 86   |
| 2         | Eicosane, 10-butyl-10-propyl-  |        | 380              | C27H56  | 055282-33-2 | 59   |
| 3         | Tricosane                      |        | 324              | C23H48  | 000638-67-5 | 53   |
| 4         | 3-Methyltetracosane            |        | 352              | C25H52  | 065820-52-2 | 47   |
| 5         | 17,21-Dimethylheptatriacontane |        | 549              | C39H80  | 067979-79-7 | 38   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100224\  
Data File : BP022208.D  
Acq On : 03 Oct 2024 23:58  
Operator : RC/JU  
Sample : P4019-22ME  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DDCJ8ME

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP092424.MA.M  
Quant Title : SVOA CALIBRATION

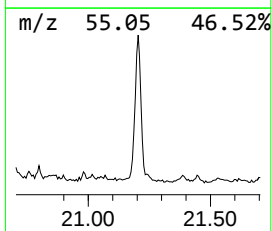
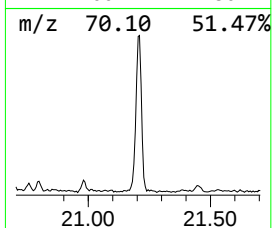
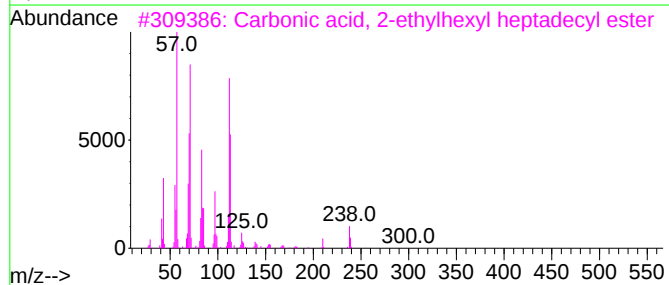
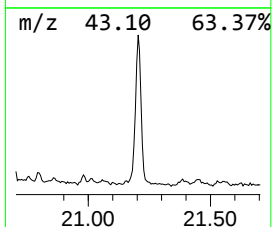
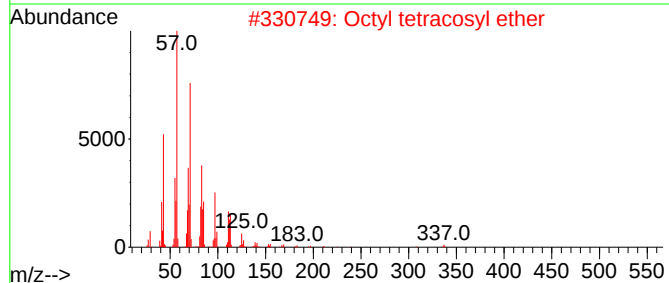
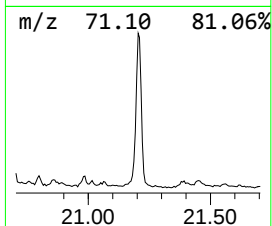
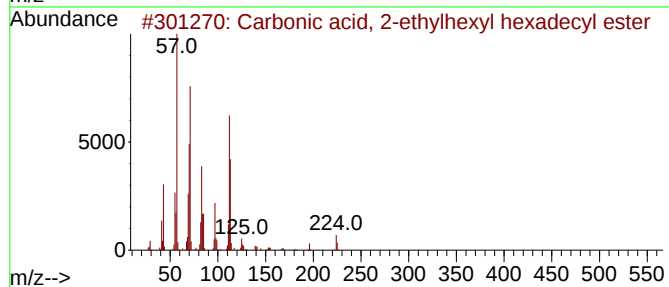
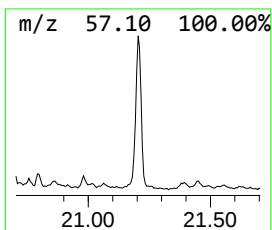
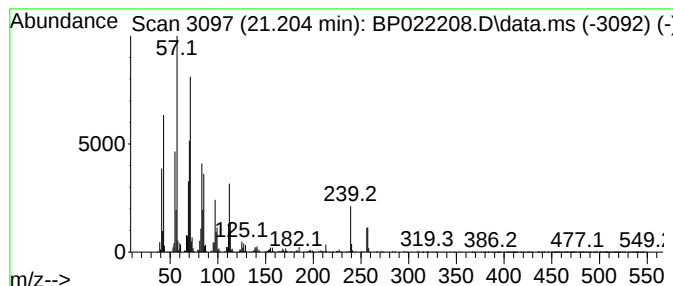
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 67 Carbonic acid, 2-ethylhexyl... Concentration Rank 13

| R.T.   | EstConc     | Area    | Relative to ISTD | R.T.   |
|--------|-------------|---------|------------------|--------|
| 21.204 | 16.61 ng/ul | 1587120 | Chrysene-d12     | 21.533 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|----------|--------------|------|
| 1    |    |   | Carbonic acid, 2-ethylhexyl hexa... | 398 | C25H50O3 | 1000383-14-3 | 68   |
| 2    |    |   | Octyl tetracosyl ether              | 467 | C32H66O  | 1000406-39-0 | 58   |
| 3    |    |   | Carbonic acid, 2-ethylhexyl hept... | 412 | C26H52O3 | 1000383-14-4 | 58   |
| 4    |    |   | Carbonic acid, 2-ethylhexyl pent... | 384 | C24H48O3 | 1000383-14-2 | 58   |
| 5    |    |   | Eicosyl octyl ether                 | 410 | C28H58O  | 1000406-38-8 | 58   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100224\  
Data File : BP022208.D  
Acq On : 03 Oct 2024 23:58  
Operator : RC/JU  
Sample : P4019-22ME  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DDCJ8ME

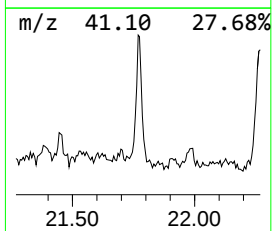
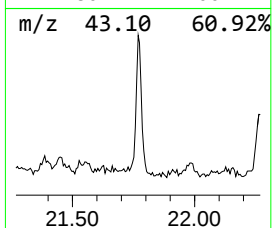
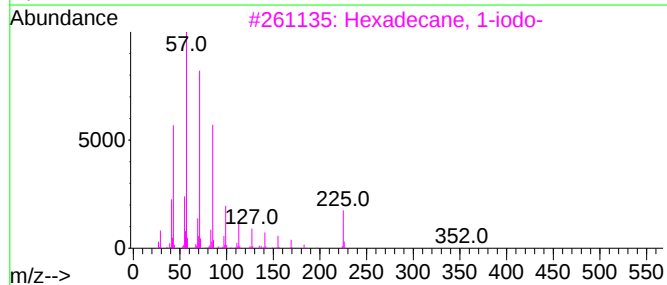
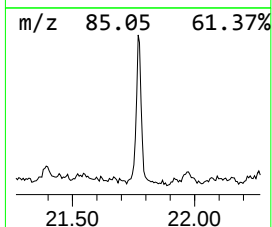
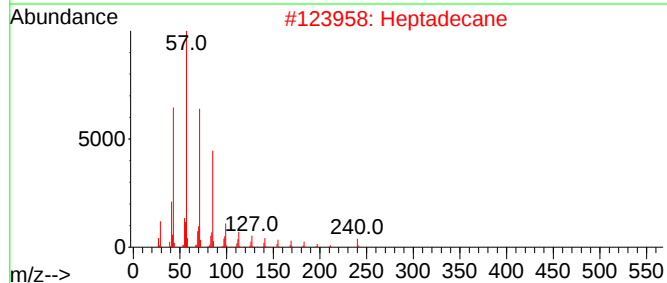
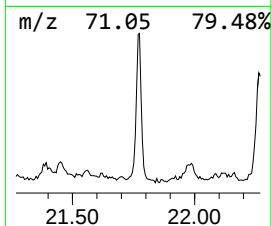
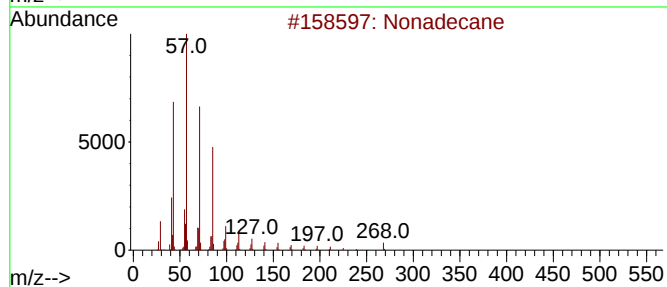
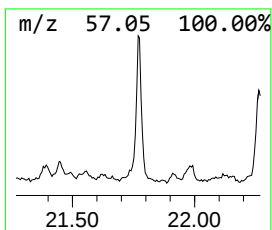
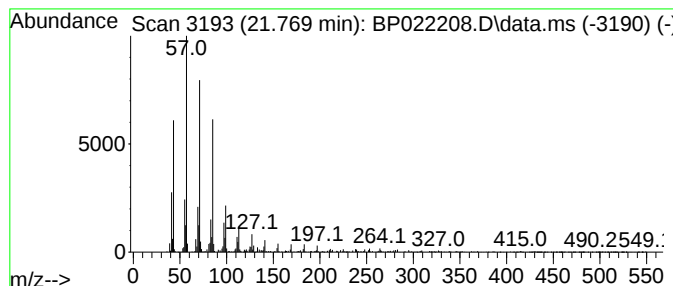
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Quant Title : SVOA CALIBRATION

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

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Peak Number 68 (DEL) Alkane: Straight-Chai... Concentration Rank 55

| R.T.      | EstConc             | Area   | Relative to ISTD |         | R.T.        |      |
|-----------|---------------------|--------|------------------|---------|-------------|------|
| 21.769    | 5.21 ng/ul          | 497734 | Chrysene-d12     |         | 21.533      |      |
| Hit# of 5 | Tentative ID        |        | MW               | MolForm | CAS#        | Qual |
| 1         | Nonadecane          |        | 268              | C19H40  | 000629-92-5 | 94   |
| 2         | Heptadecane         |        | 240              | C17H36  | 000629-78-7 | 94   |
| 3         | Hexadecane, 1-iodo- |        | 352              | C16H33I | 000544-77-4 | 93   |
| 4         | Hexacosane          |        | 366              | C26H54  | 000630-01-3 | 91   |
| 5         | Heneicosane         |        | 296              | C21H44  | 000629-94-7 | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100224\  
Data File : BP022208.D  
Acq On : 03 Oct 2024 23:58  
Operator : RC/JU  
Sample : P4019-22ME  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DDCJ8ME

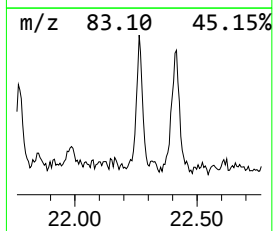
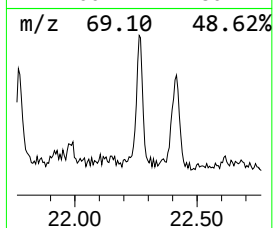
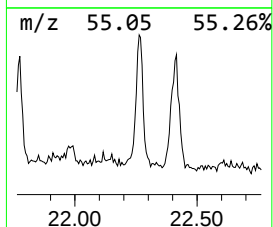
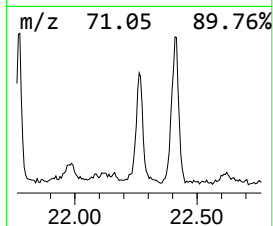
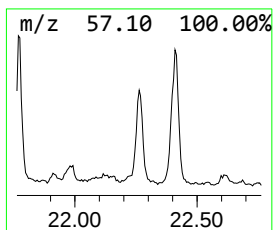
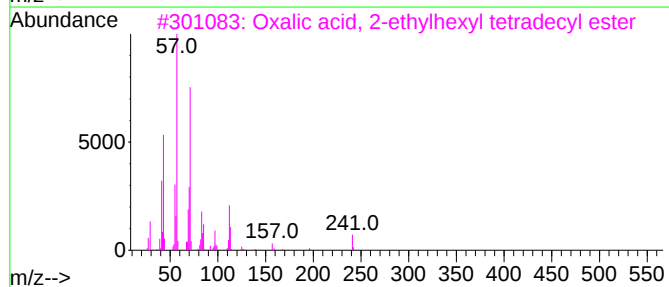
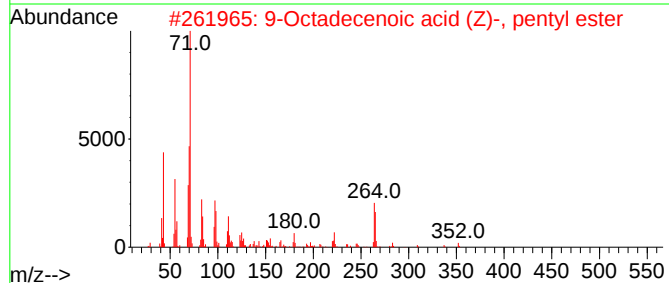
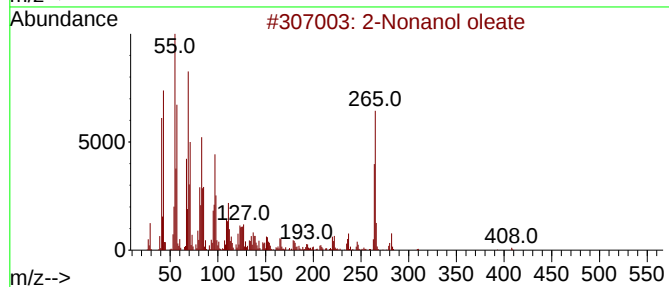
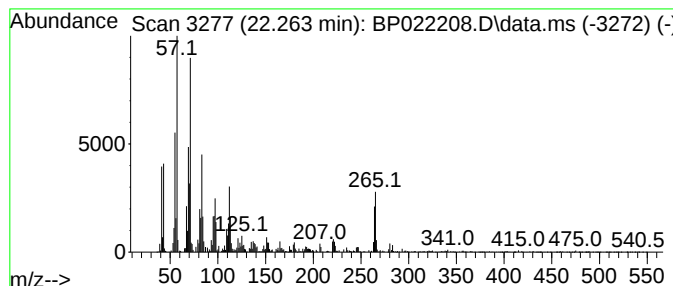
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Quant Title : SVOA CALIBRATION

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

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Peak Number 69 unknown-05 Concentration Rank 50

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 22.263 | 5.88 ng/ul | 561928 | Chrysene-d12     | 21.533 |

| Hit# | of                                  | 5      | Tentative ID | MW           | MolForm      | CAS# | Qual |
|------|-------------------------------------|--------|--------------|--------------|--------------|------|------|
| 1    | 2-Nonanol                           | oleate | 408          | C27H52O2     | 1096360-61-0 | 45   |      |
| 2    | 9-Octadecenoic acid (Z)-, pentyl... | 352    | C23H44O2     | 000142-57-4  | 43           |      |      |
| 3    | Oxalic acid, 2-ethylhexyl tetrad... | 398    | C24H46O4     | 1000309-39-7 | 43           |      |      |
| 4    | Oleic acid, butyl ester             | 338    | C22H42O2     | 000142-77-8  | 42           |      |      |
| 5    | 1-Nonadecene                        | 266    | C19H38       | 018435-45-5  | 38           |      |      |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100224\  
Data File : BP022208.D  
Acq On : 03 Oct 2024 23:58  
Operator : RC/JU  
Sample : P4019-22ME  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DDCJ8ME

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP092424.MA.M  
Quant Title : SVOA CALIBRATION

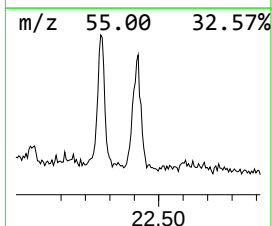
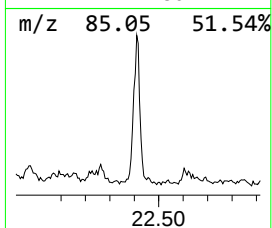
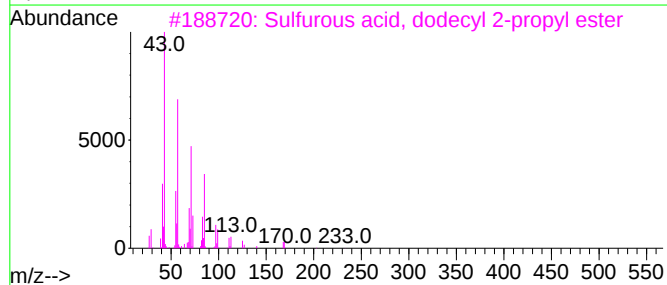
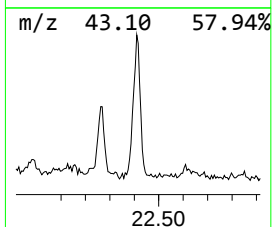
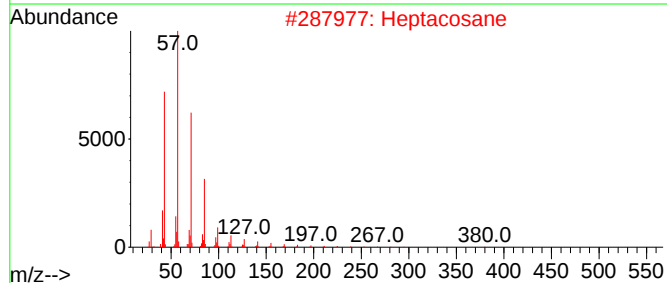
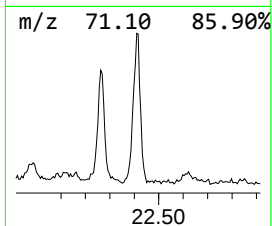
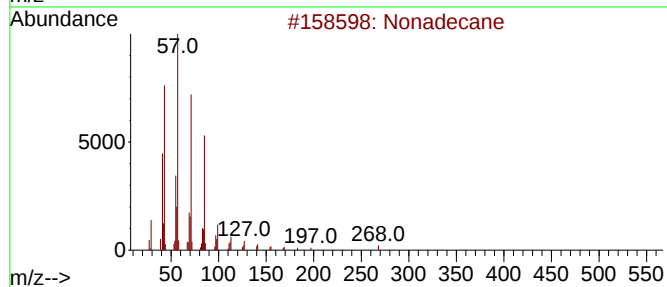
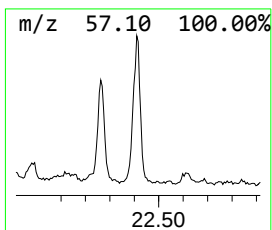
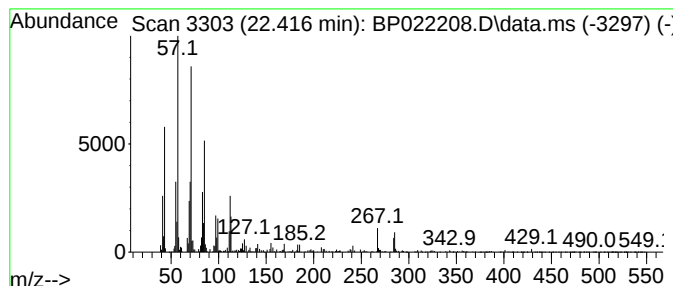
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 70 (DEL) Alkane: Straight-Chai... Concentration Rank 44

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 22.416 | 6.82 ng/ul | 652023 | Chrysene-d12     | 21.533 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | Nonadecane                          | 268 | C19H40    | 000629-92-5  | 70   |
| 2    |    |   | Heptacosane                         | 380 | C27H56    | 000593-49-7  | 70   |
| 3    |    |   | Sulfurous acid, dodecyl 2-propyl... | 292 | C15H32O3S | 1000309-12-3 | 62   |
| 4    |    |   | 2,6,10-Trimethyltridecane           | 226 | C16H34    | 003891-99-4  | 62   |
| 5    |    |   | Heptadecane, 2,6-dimethyl-          | 268 | C19H40    | 054105-67-8  | 62   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100224\  
 Data File : BP022208.D  
 Acq On : 03 Oct 2024 23:58  
 Operator : RC/JU  
 Sample : P4019-22ME  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 DDCJ8ME

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP092424.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 |
| (DEL) Alkane: S... | 5.746  | 13.3    | ng/ul | 948017   | 1                     | 7.693  | 1426480 | 20.0 |
| (DEL) Alkane: S... | 6.705  | 8.8     | ng/ul | 628911   | 1                     | 7.693  | 1426480 | 20.0 |
| (DEL) Alkane: S... | 6.758  | 10.1    | ng/ul | 721503   | 1                     | 7.693  | 1426480 | 20.0 |
| Benzene, 1-ethy... | 6.799  | 7.5     | ng/ul | 537165   | 1                     | 7.693  | 1426480 | 20.0 |
| Benzene, 1-ethy... | 7.093  | 6.1     | ng/ul | 435374   | 1                     | 7.693  | 1426480 | 20.0 |
| 2-Heptanone, 4,... | 7.128  | 10.7    | ng/ul | 759634   | 1                     | 7.693  | 1426480 | 20.0 |
| (DEL) Alkane: S... | 7.328  | 68.4    | ng/ul | 4877730  | 1                     | 7.693  | 1426480 | 20.0 |
| (DEL) Alkane: S... | 7.616  | 8.2     | ng/ul | 588014   | 1                     | 7.693  | 1426480 | 20.0 |
| 1-Hexanol, 2-et... | 7.758  | 22.9    | ng/ul | 1630720  | 1                     | 7.693  | 1426480 | 20.0 |
| Benzene, 1,2,3-... | 7.810  | 7.7     | ng/ul | 547824   | 1                     | 7.693  | 1426480 | 20.0 |
| (DEL) Alkane: C... | 7.981  | 7.6     | ng/ul | 540580   | 1                     | 7.693  | 1426480 | 20.0 |
| Cyclohexanone, ... | 8.116  | 8.0     | ng/ul | 568229   | 1                     | 7.693  | 1426480 | 20.0 |
| Benzene, 1,4-di... | 8.169  | 9.7     | ng/ul | 693951   | 1                     | 7.693  | 1426480 | 20.0 |
| (DEL) Alkane: S... | 8.222  | 18.3    | ng/ul | 1304900  | 1                     | 7.693  | 1426480 | 20.0 |
| (DEL) Alkane: S... | 8.275  | 8.8     | ng/ul | 627324   | 1                     | 7.693  | 1426480 | 20.0 |
| (DEL) Alkane: S... | 8.340  | 28.8    | ng/ul | 2056530  | 1                     | 7.693  | 1426480 | 20.0 |
| (DEL) Alkane: S... | 8.446  | 12.6    | ng/ul | 899592   | 1                     | 7.693  | 1426480 | 20.0 |
| Benzene, 1-meth... | 8.487  | 8.7     | ng/ul | 622194   | 1                     | 7.693  | 1426480 | 20.0 |
| Benzene, 4-ethy... | 8.634  | 7.8     | ng/ul | 557572   | 1                     | 7.693  | 1426480 | 20.0 |
| p-Cymene           | 8.681  | 9.6     | ng/ul | 681837   | 1                     | 7.693  | 1426480 | 20.0 |
| Benzene, 2-ethy... | 8.781  | 16.8    | ng/ul | 1196380  | 1                     | 7.693  | 1426480 | 20.0 |
| (DEL) Alkane: S... | 8.905  | 59.9    | ng/ul | 4273690  | 1                     | 7.693  | 1426480 | 20.0 |
| unknown-01         | 9.028  | 14.8    | ng/ul | 1054000  | 1                     | 7.693  | 1426480 | 20.0 |
| (DEL) Alkane: S... | 9.740  | 3.7     | ng/ul | 791349   | 2                     | 10.457 | 4296390 | 20.0 |
| (DEL) Alkane: S... | 9.810  | 2.1     | ng/ul | 453479   | 2                     | 10.457 | 4296390 | 20.0 |
| (DEL) Alkane: S... | 9.887  | 3.3     | ng/ul | 715527   | 2                     | 10.457 | 4296390 | 20.0 |
| 2,4-Dipropyl-5-... | 10.828 | 8.8     | ng/ul | 1890040  | 2                     | 10.457 | 4296390 | 20.0 |
| (DEL) Alkane: S... | 10.957 | 4.3     | ng/ul | 928289   | 2                     | 10.457 | 4296390 | 20.0 |
| (DEL) Alkane: S... | 11.363 | 2.1     | ng/ul | 451135   | 2                     | 10.457 | 4296390 | 20.0 |
| (DEL) Alkane: S... | 11.716 | 2.6     | ng/ul | 550223   | 2                     | 10.457 | 4296390 | 20.0 |
| (DEL) Alkane: S... | 11.869 | 6.0     | ng/ul | 1292850  | 2                     | 10.457 | 4296390 | 20.0 |
| (DEL) Alkane: C... | 11.904 | 2.5     | ng/ul | 535527   | 2                     | 10.457 | 4296390 | 20.0 |
| (DEL) Alkane: S... | 13.122 | 17.5    | ng/ul | 1387650  | 3                     | 14.304 | 1587460 | 20.0 |
| unknown-02         | 13.351 | 8.6     | ng/ul | 682114   | 3                     | 14.304 | 1587460 | 20.0 |
| Naphthalene, 2,... | 13.475 | 14.5    | ng/ul | 1149790  | 3                     | 14.304 | 1587460 | 20.0 |
| Naphthalene, 1,... | 13.616 | 12.2    | ng/ul | 967756   | 3                     | 14.304 | 1587460 | 20.0 |
| (DEL) Alkane: S... | 13.787 | 7.8     | ng/ul | 621826   | 3                     | 14.304 | 1587460 | 20.0 |
| Sulfurous acid,... | 14.210 | 29.8    | ng/ul | 2362800  | 3                     | 14.304 | 1587460 | 20.0 |
| unknown-03         | 14.381 | 8.1     | ng/ul | 646492   | 3                     | 14.304 | 1587460 | 20.0 |
| 9-Methyl-S-octa... | 14.445 | 7.6     | ng/ul | 602480   | 3                     | 14.304 | 1587460 | 20.0 |
| Naphthalene, 2,... | 14.710 | 6.2     | ng/ul | 490529   | 3                     | 14.304 | 1587460 | 20.0 |
| (DEL) Alkane: S... | 14.839 | 6.2     | ng/ul | 491902   | 3                     | 14.304 | 1587460 | 20.0 |
| Carbonic acid, ... | 15.175 | 19.9    | ng/ul | 1582110  | 3                     | 14.304 | 1587460 | 20.0 |
| (DEL) Alkane: S... | 15.598 | 8.2     | ng/ul | 648598   | 3                     | 14.304 | 1587460 | 20.0 |
| unknown-04         | 15.687 | 6.3     | ng/ul | 496923   | 3                     | 14.304 | 1587460 | 20.0 |
| (DEL) Alkane: C... | 15.798 | 5.8     | ng/ul | 519264   | 4                     | 17.104 | 1784870 | 20.0 |
| (DEL) Alkane: S... | 16.051 | 18.8    | ng/ul | 1679440  | 4                     | 17.104 | 1784870 | 20.0 |
| (DEL) Alkane: S... | 16.869 | 11.6    | ng/ul | 1031350  | 4                     | 17.104 | 1784870 | 20.0 |
| Octadecane, 1-i... | 16.922 | 9.5     | ng/ul | 851245   | 4                     | 17.104 | 1784870 | 20.0 |
| (DEL) Alkane: S... | 17.628 | 12.1    | ng/ul | 1077570  | 4                     | 17.104 | 1784870 | 20.0 |
| 1-Methyldibenzo... | 17.704 | 5.9     | ng/ul | 523443   | 4                     | 17.104 | 1784870 | 20.0 |
| Hexadecanoic ac... | 17.804 | 17.6    | ng/ul | 1565960  | 4                     | 17.104 | 1784870 | 20.0 |

|                    |        |      |       |         |   |        |         |      |
|--------------------|--------|------|-------|---------|---|--------|---------|------|
| n-Hexadecanoic ... | 18.039 | 10.9 | ng/ul | 972230  | 4 | 17.104 | 1784870 | 20.0 |
| (DEL) Alkane: S... | 18.351 | 10.8 | ng/ul | 961284  | 4 | 17.104 | 1784870 | 20.0 |
| 9-Octadecenoic ... | 19.028 | 22.9 | ng/ul | 2041970 | 4 | 17.104 | 1784870 | 20.0 |
| Methyl stearate    | 19.169 | 7.4  | ng/ul | 662651  | 4 | 17.104 | 1784870 | 20.0 |
| (DEL) Alkane: S... | 20.169 | 5.8  | ng/ul | 554219  | 5 | 21.533 | 1911150 | 20.0 |
| Carbonic acid, ... | 21.204 | 16.6 | ng/ul | 1587120 | 5 | 21.533 | 1911150 | 20.0 |
| (DEL) Alkane: S... | 21.769 | 5.2  | ng/ul | 497734  | 5 | 21.533 | 1911150 | 20.0 |
| unknown-05         | 22.263 | 5.9  | ng/ul | 561928  | 5 | 21.533 | 1911150 | 20.0 |
| (DEL) Alkane: S... | 22.416 | 6.8  | ng/ul | 652023  | 5 | 21.533 | 1911150 | 20.0 |

Instrument :

BNA\_P

ClientSampleId :

DDCJ8ME