

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM080524\  
 Data File : BM047008.D  
 Acq On : 06 Aug 2024 02:06  
 Operator : RC/JU  
 Sample : P3171-12  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DCVX5

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\_M\Methods\SFAM-EPA-BM080224.MA.M  
 Title : SVOA CALIBRATION

Signal : TIC: BM047008.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         | 3.675       | 120           | 134         | 137          | rBV      | 254395         | 686355        | 1.43%           | 0.297%        |
| 2         | 5.463       | 431           | 438         | 444          | rVB2     | 1052629        | 1472449       | 3.07%           | 0.637%        |
| 3         | 6.063       | 532           | 540         | 543          | rVV3     | 282368         | 654539        | 1.37%           | 0.283%        |
| 4         | 6.416       | 597           | 600         | 605          | rVV      | 548848         | 741557        | 1.55%           | 0.321%        |
| 5         | 6.469       | 605           | 609         | 613          | rVV      | 660440         | 1037038       | 2.16%           | 0.449%        |
| 6         | 6.504       | 613           | 615         | 619          | rVV      | 513036         | 667028        | 1.39%           | 0.289%        |
| 7         | 6.598       | 619           | 631         | 635          | rVV3     | 1029548        | 3042355       | 6.35%           | 1.316%        |
| 8         | 6.751       | 649           | 657         | 661          | rBV      | 797236         | 1268315       | 2.65%           | 0.549%        |
| 9         | 6.793       | 661           | 664         | 669          | rVB2     | 478123         | 675250        | 1.41%           | 0.292%        |
| 10        | 6.851       | 669           | 674         | 678          | rBV      | 447878         | 700878        | 1.46%           | 0.303%        |
| 11        | 6.940       | 684           | 689         | 700          | rVB      | 1008361        | 1817113       | 3.79%           | 0.786%        |
| 12        | 7.040       | 700           | 706         | 716          | rBV2     | 3778172        | 6162850       | 12.86%          | 2.667%        |
| 13        | 7.387       | 759           | 765         | 771          | rVB2     | 1314087        | 2223890       | 4.64%           | 0.962%        |
| 14        | 7.481       | 775           | 781         | 794          | rVB2     | 2197927        | 4098440       | 8.56%           | 1.773%        |
| 15        | 7.675       | 808           | 814         | 822          | rVB5     | 403482         | 1088829       | 2.27%           | 0.471%        |
| 16        | 7.828       | 835           | 840         | 845          | rBV2     | 532624         | 795940        | 1.66%           | 0.344%        |
| 17        | 7.934       | 854           | 858         | 864          | rVB2     | 970108         | 1590912       | 3.32%           | 0.688%        |
| 18        | 7.992       | 864           | 868         | 871          | rBV      | 595171         | 827016        | 1.73%           | 0.358%        |
| 19        | 8.034       | 871           | 875         | 877          | rBV2     | 676120         | 933826        | 1.95%           | 0.404%        |
| 20        | 8.063       | 877           | 880         | 885          | rVB      | 707544         | 912628        | 1.91%           | 0.395%        |
| 21        | 8.116       | 885           | 889         | 893          | rVB      | 1083510        | 1468752       | 3.07%           | 0.636%        |
| 22        | 8.163       | 893           | 897         | 900          | rBV      | 681159         | 981982        | 2.05%           | 0.425%        |
| 23        | 8.339       | 922           | 927         | 932          | rBV      | 416507         | 634307        | 1.32%           | 0.274%        |
| 24        | 8.392       | 932           | 936         | 942          | rVB      | 475979         | 707997        | 1.48%           | 0.306%        |
| 25        | 8.492       | 943           | 953         | 956          | rBV2     | 647977         | 1340373       | 2.80%           | 0.580%        |
| 26        | 8.539       | 956           | 961         | 966          | rVV      | 956446         | 1656987       | 3.46%           | 0.717%        |
| 27        | 8.628       | 971           | 976         | 983          | rVB      | 3852005        | 5684260       | 11.87%          | 2.459%        |
| 28        | 8.734       | 983           | 994         | 1001         | rBV7     | 818537         | 2105837       | 4.40%           | 0.911%        |
| 29        | 8.816       | 1001          | 1008        | 1012         | rBV3     | 330446         | 728621        | 1.52%           | 0.315%        |
| 30        | 9.063       | 1047          | 1050        | 1057         | rVB2     | 356432         | 714669        | 1.49%           | 0.309%        |
| 31        | 9.251       | 1076          | 1082        | 1088         | rBV3     | 1025988        | 2036199       | 4.25%           | 0.881%        |
| 32        | 9.469       | 1110          | 1119        | 1125         | rVB2     | 570646         | 1353700       | 2.83%           | 0.586%        |
| 33        | 9.534       | 1125          | 1130        | 1133         | rBV      | 470104         | 748917        | 1.56%           | 0.324%        |
| 34        | 9.616       | 1140          | 1144        | 1147         | rBV      | 494465         | 778544        | 1.63%           | 0.337%        |
| 35        | 9.716       | 1158          | 1161        | 1165         | rVV2     | 406559         | 600421        | 1.25%           | 0.260%        |
| 36        | 9.792       | 1165          | 1174        | 1181         | rVB2     | 1362403        | 2604318       | 5.44%           | 1.127%        |

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Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 0.1 % of largest Peak

Max Peaks: 100

Peak Location: TOP

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

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM080224.MA.M  
Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 37 | 9.869  | 1181 | 1187 | 1192 | rBV2 | 522871  | 822323  | 1.72%  | 0.356% |
| 38 | 10.157 | 1226 | 1236 | 1242 | rBV2 | 3072472 | 6282544 | 13.11% | 2.718% |
| 39 | 10.298 | 1253 | 1260 | 1265 | rBV2 | 1523150 | 2753827 | 5.75%  | 1.192% |
| 40 | 10.345 | 1265 | 1268 | 1272 | rVV  | 497614  | 677524  | 1.41%  | 0.293% |
| 41 | 10.557 | 1297 | 1304 | 1316 | rBV  | 1381062 | 2354443 | 4.91%  | 1.019% |
| 42 | 10.686 | 1317 | 1326 | 1331 | rBV  | 493497  | 902200  | 1.88%  | 0.390% |
| 43 | 11.098 | 1387 | 1396 | 1402 | rVB4 | 353333  | 801530  | 1.67%  | 0.347% |
| 44 | 11.204 | 1407 | 1414 | 1419 | rBV2 | 1025772 | 1916587 | 4.00%  | 0.829% |
| 45 | 11.263 | 1420 | 1424 | 1432 | rVB2 | 689502  | 1185070 | 2.47%  | 0.513% |
| 46 | 11.616 | 1475 | 1484 | 1488 | rBV  | 1899683 | 3286766 | 6.86%  | 1.422% |
| 47 | 11.828 | 1515 | 1520 | 1524 | rBV  | 740861  | 1211392 | 2.53%  | 0.524% |
| 48 | 11.875 | 1524 | 1528 | 1533 | rVB  | 1077067 | 1451914 | 3.03%  | 0.628% |
| 49 | 12.045 | 1551 | 1557 | 1565 | rBV2 | 510404  | 1213486 | 2.53%  | 0.525% |
| 50 | 12.380 | 1609 | 1614 | 1621 | rBV4 | 357203  | 637503  | 1.33%  | 0.276% |
| 51 | 12.457 | 1622 | 1627 | 1633 | rVB  | 404830  | 662337  | 1.38%  | 0.287% |
| 52 | 12.598 | 1646 | 1651 | 1661 | rVB2 | 717427  | 1242345 | 2.59%  | 0.538% |
| 53 | 12.898 | 1693 | 1702 | 1708 | rBV  | 2086947 | 3358476 | 7.01%  | 1.453% |
| 54 | 13.210 | 1748 | 1755 | 1757 | rBV3 | 556442  | 1052086 | 2.20%  | 0.455% |
| 55 | 13.369 | 1777 | 1782 | 1786 | rVV  | 785772  | 1216103 | 2.54%  | 0.526% |
| 56 | 13.422 | 1786 | 1791 | 1796 | rVV4 | 757356  | 1386492 | 2.89%  | 0.600% |
| 57 | 13.480 | 1796 | 1801 | 1806 | rVB  | 2289203 | 3355089 | 7.00%  | 1.452% |
| 58 | 13.569 | 1806 | 1816 | 1819 | rBV2 | 849609  | 1702582 | 3.55%  | 0.737% |
| 59 | 13.610 | 1819 | 1823 | 1827 | rVV2 | 538942  | 712932  | 1.49%  | 0.308% |
| 60 | 13.739 | 1838 | 1845 | 1850 | rVV  | 2447196 | 4184927 | 8.74%  | 1.811% |
| 61 | 13.992 | 1883 | 1888 | 1892 | rBV  | 2750133 | 3478957 | 7.26%  | 1.505% |
| 62 | 14.051 | 1892 | 1898 | 1906 | rBV  | 1556307 | 2562960 | 5.35%  | 1.109% |
| 63 | 14.169 | 1912 | 1918 | 1921 | rBV2 | 917434  | 1341601 | 2.80%  | 0.580% |
| 64 | 14.216 | 1921 | 1926 | 1930 | rVB  | 1004278 | 1437324 | 3.00%  | 0.622% |
| 65 | 14.292 | 1930 | 1939 | 1948 | rBV4 | 1376487 | 3135269 | 6.54%  | 1.357% |
| 66 | 14.463 | 1961 | 1968 | 1971 | rBV4 | 330604  | 659425  | 1.38%  | 0.285% |
| 67 | 14.545 | 1978 | 1982 | 1986 | rVB2 | 452184  | 629156  | 1.31%  | 0.272% |
| 68 | 14.616 | 1989 | 1994 | 1998 | rBV  | 835181  | 1074617 | 2.24%  | 0.465% |
| 69 | 14.698 | 2002 | 2008 | 2012 | rBV2 | 3706061 | 5248055 | 10.96% | 2.271% |
| 70 | 14.739 | 2012 | 2015 | 2019 | rVB4 | 457411  | 641541  | 1.34%  | 0.278% |
| 71 | 14.833 | 2027 | 2031 | 2035 | rBV  | 960252  | 1521089 | 3.18%  | 0.658% |
| 72 | 14.951 | 2047 | 2051 | 2056 | rVB  | 2316680 | 2892911 | 6.04%  | 1.252% |
| 73 | 15.057 | 2064 | 2069 | 2075 | rVB  | 2800409 | 4270432 | 8.91%  | 1.848% |
| 74 | 15.192 | 2084 | 2092 | 2096 | rBV3 | 1136436 | 2048966 | 4.28%  | 0.887% |
| 75 | 15.363 | 2113 | 2121 | 2125 | rBV  | 901337  | 1864258 | 3.89%  | 0.807% |
| 76 | 15.574 | 2152 | 2157 | 2163 | rVB4 | 345974  | 733707  | 1.53%  | 0.317% |

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 BNA\_M  
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Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

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Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

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Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM080224.MA.M  
 Title : SVOA CALIBRATION

|     |        |      |      |      |      |          |          |         |         |
|-----|--------|------|------|------|------|----------|----------|---------|---------|
| 77  | 15.715 | 2178 | 2181 | 2186 | rVB3 | 468875   | 624832   | 1.30%   | 0.270%  |
| 78  | 15.821 | 2193 | 2199 | 2201 | rBV  | 2377578  | 3270707  | 6.83%   | 1.415%  |
| 79  | 15.845 | 2201 | 2203 | 2207 | rVB  | 1223998  | 1394365  | 2.91%   | 0.603%  |
| 80  | 16.163 | 2253 | 2257 | 2264 | rVB5 | 421906   | 990192   | 2.07%   | 0.428%  |
| 81  | 16.492 | 2304 | 2313 | 2317 | rBV  | 30236910 | 47904858 | 100.00% | 20.728% |
| 82  | 16.615 | 2330 | 2334 | 2339 | rBV  | 1942215  | 2449393  | 5.11%   | 1.060%  |
| 83  | 16.668 | 2339 | 2343 | 2353 | rVB  | 877587   | 1442801  | 3.01%   | 0.624%  |
| 84  | 16.815 | 2363 | 2368 | 2372 | rBV  | 1617420  | 2183752  | 4.56%   | 0.945%  |
| 85  | 16.915 | 2380 | 2385 | 2392 | rVB  | 3254018  | 4507036  | 9.41%   | 1.950%  |
| 86  | 17.357 | 2455 | 2460 | 2464 | rVV  | 1685218  | 2191909  | 4.58%   | 0.948%  |
| 87  | 17.527 | 2486 | 2489 | 2498 | rVB2 | 521351   | 842724   | 1.76%   | 0.365%  |
| 88  | 17.751 | 2522 | 2527 | 2532 | rVB2 | 695472   | 993209   | 2.07%   | 0.430%  |
| 89  | 18.051 | 2573 | 2578 | 2582 | rBV  | 1313420  | 1637776  | 3.42%   | 0.709%  |
| 90  | 18.692 | 2683 | 2687 | 2695 | rVB2 | 1094772  | 2003631  | 4.18%   | 0.867%  |
| 91  | 19.227 | 2772 | 2778 | 2784 | rVB  | 3934594  | 5236803  | 10.93%  | 2.266%  |
| 92  | 19.286 | 2784 | 2788 | 2792 | rVB  | 693568   | 778331   | 1.62%   | 0.337%  |
| 93  | 19.821 | 2875 | 2879 | 2885 | rVB2 | 774046   | 911872   | 1.90%   | 0.395%  |
| 94  | 20.792 | 3039 | 3044 | 3053 | rVB2 | 2877685  | 3758816  | 7.85%   | 1.626%  |
| 95  | 21.045 | 3082 | 3087 | 3097 | rBV  | 1897227  | 2656234  | 5.54%   | 1.149%  |
| 96  | 21.268 | 3122 | 3125 | 3131 | rVB  | 574267   | 737432   | 1.54%   | 0.319%  |
| 97  | 21.680 | 3190 | 3195 | 3208 | rVB  | 1271360  | 2037933  | 4.25%   | 0.882%  |
| 98  | 21.797 | 3210 | 3215 | 3221 | rVB2 | 767400   | 1247809  | 2.60%   | 0.540%  |
| 99  | 23.574 | 3510 | 3517 | 3528 | rVB  | 2464217  | 5328300  | 11.12%  | 2.305%  |
| 100 | 23.756 | 3541 | 3548 | 3556 | rBV  | 1121239  | 2531229  | 5.28%   | 1.095%  |

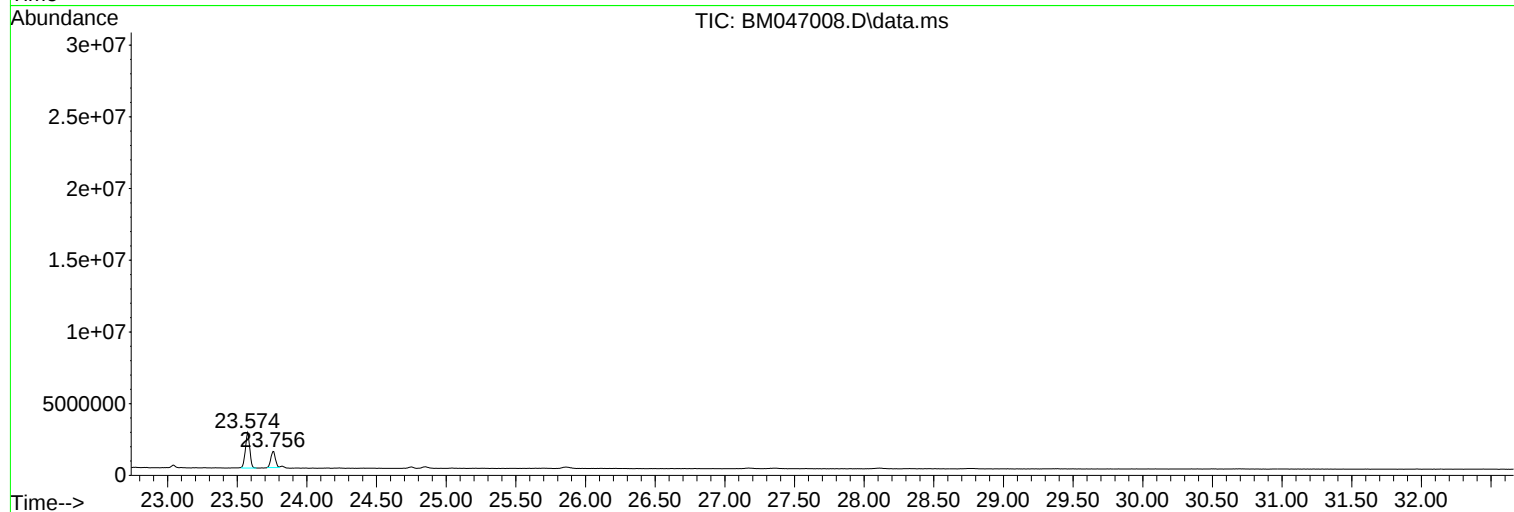
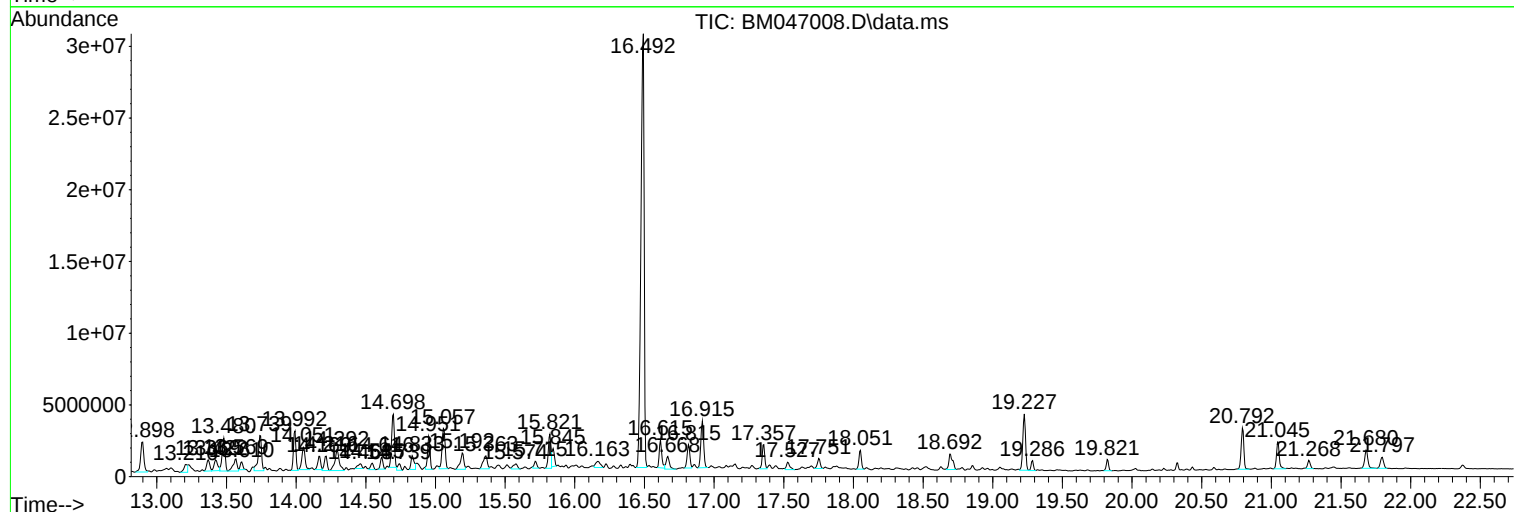
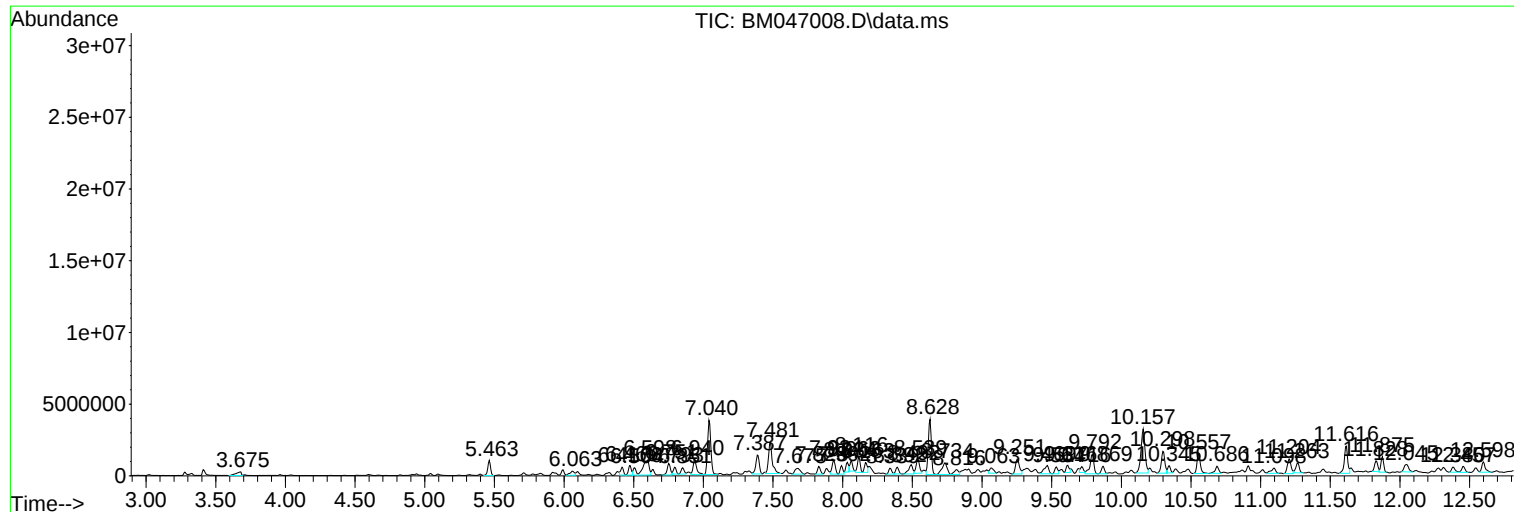
Sum of corrected areas: 231115782

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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM080224.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\_M\Methods\SFAM-EPA-BM080224.MA.M  
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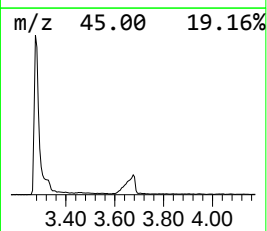
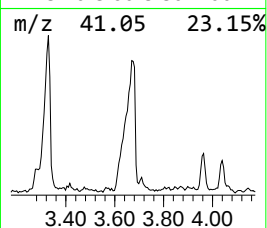
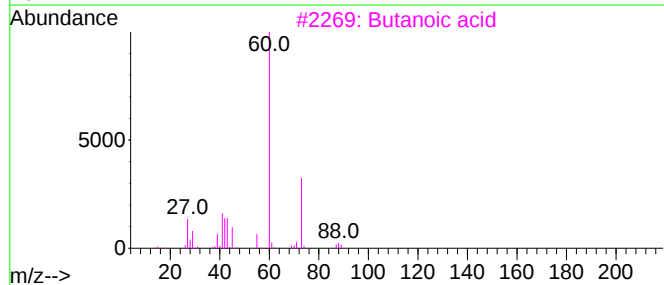
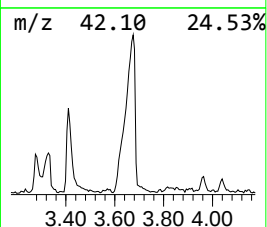
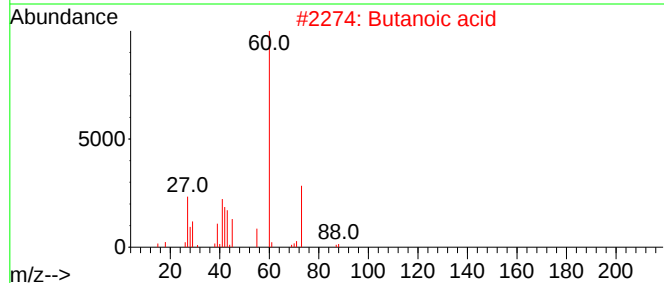
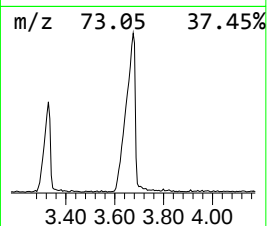
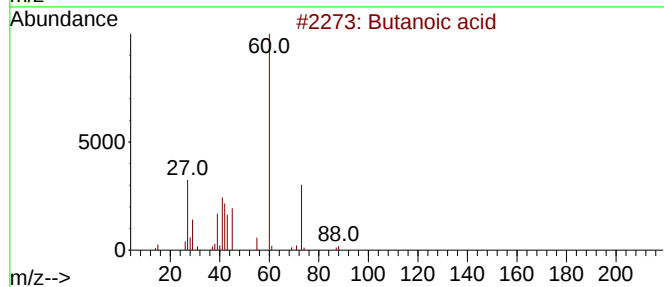
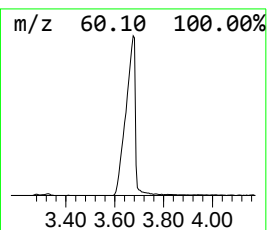
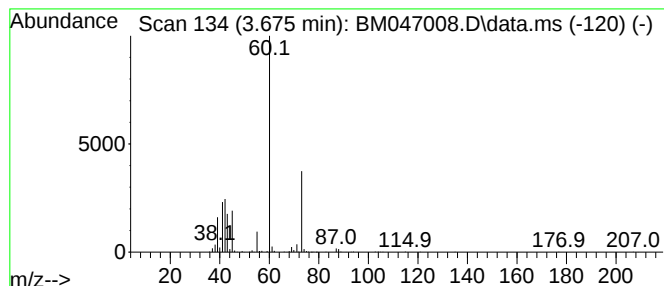
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 Butanoic acid Concentration Rank 45

| R.T.  | EstConc    | Area   | Relative to ISTD       | R.T.  |
|-------|------------|--------|------------------------|-------|
| 3.675 | 6.17 ng/ul | 686355 | 1,4-Dichlorobenzene-d4 | 7.398 |

| Hit# | of | 5 | Tentative ID   | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------|-----|---------|-------------|------|
| 1    |    |   | Butanoic acid  | 88  | C4H8O2  | 000107-92-6 | 86   |
| 2    |    |   | Butanoic acid  | 88  | C4H8O2  | 000107-92-6 | 86   |
| 3    |    |   | Butanoic acid  | 88  | C4H8O2  | 000107-92-6 | 64   |
| 4    |    |   | Butanoic acid  | 88  | C4H8O2  | 000107-92-6 | 56   |
| 5    |    |   | Pentanoic acid | 102 | C5H10O2 | 000109-52-4 | 40   |



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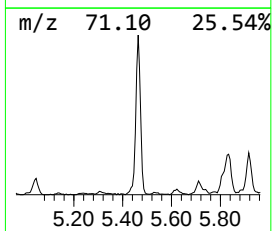
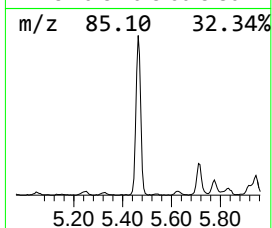
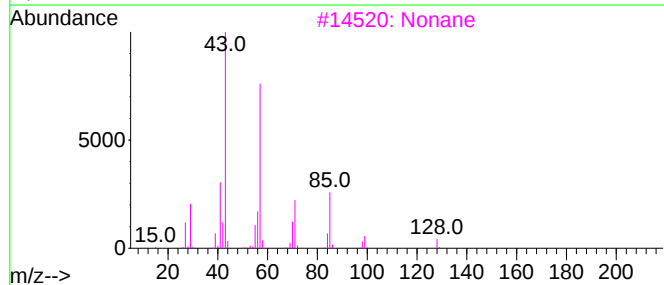
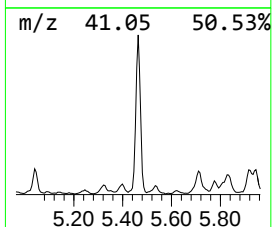
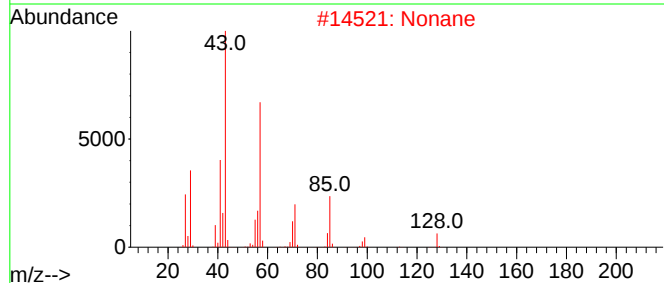
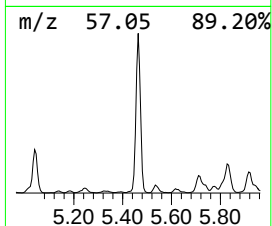
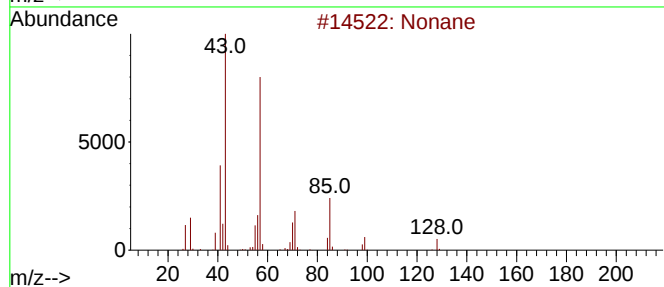
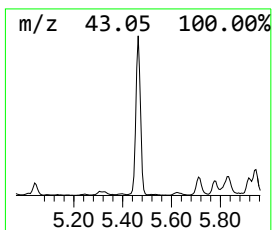
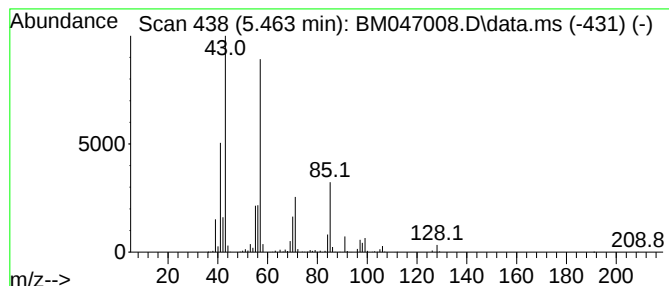
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TIC Integration Parameters: LSCINT.P

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Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 17

| R.T.  | EstConc     | Area    | Relative to ISTD       | R.T.  |
|-------|-------------|---------|------------------------|-------|
| 5.463 | 13.24 ng/ul | 1472450 | 1,4-Dichlorobenzene-d4 | 7.398 |

| Hit# | of     | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|--------|---|--------------|-----|---------|-------------|------|
| 1    | Nonane |   |              | 128 | C9H20   | 000111-84-2 | 91   |
| 2    | Nonane |   |              | 128 | C9H20   | 000111-84-2 | 90   |
| 3    | Nonane |   |              | 128 | C9H20   | 000111-84-2 | 72   |
| 4    | Octane |   |              | 114 | C8H18   | 000111-65-9 | 72   |
| 5    | Octane |   |              | 114 | C8H18   | 000111-65-9 | 64   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM080524\  
Data File : BM047008.D  
Acq On : 06 Aug 2024 02:06  
Operator : RC/JU  
Sample : P3171-12  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DCVX5

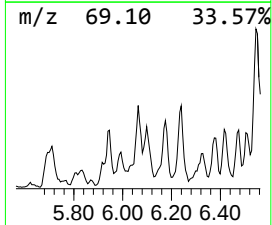
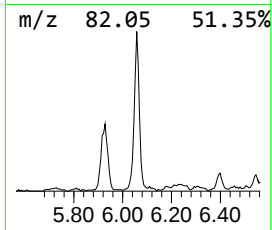
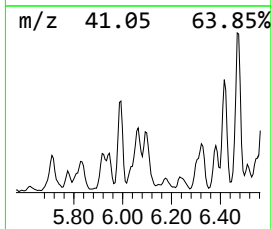
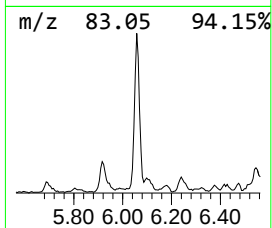
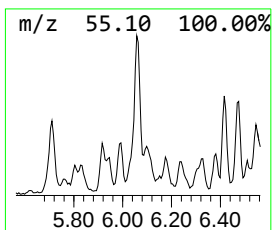
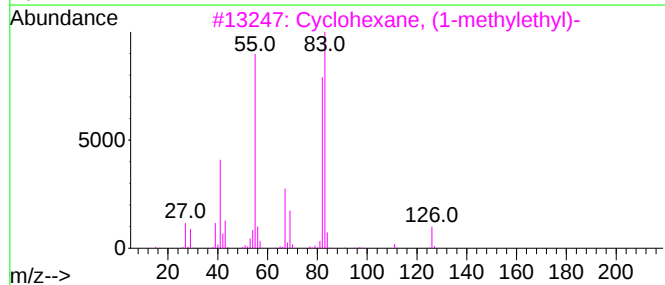
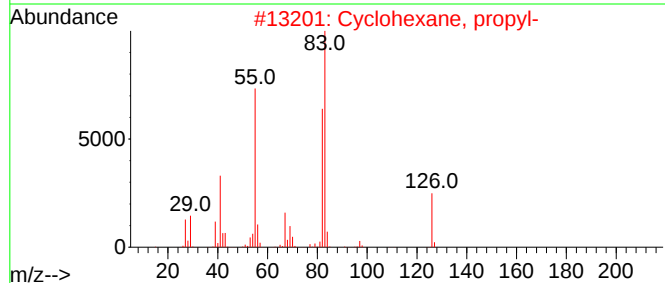
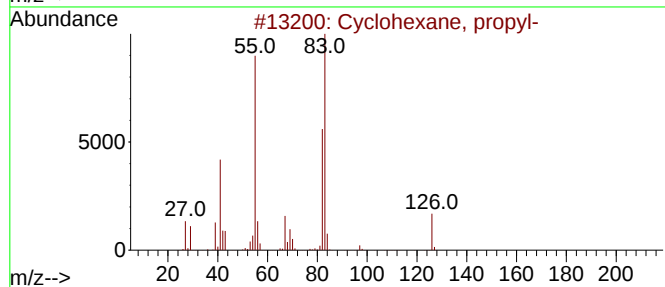
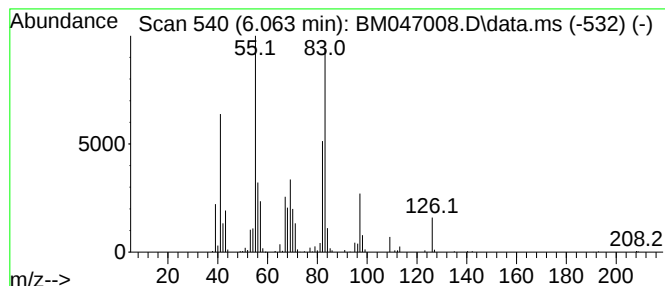
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Quant Title : SVOA CALIBRATION

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

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Peak Number 3 (DEL) Alkane: Cyclic6.063 Concentration Rank 48

| R.T.  | EstConc    | Area   | Relative to ISTD       | R.T.  |
|-------|------------|--------|------------------------|-------|
| 6.063 | 5.89 ng/ul | 654539 | 1,4-Dichlorobenzene-d4 | 7.398 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|----------|--------------|------|
| 1    |    |   | Cyclohexane, propyl-                | 126 | C9H18    | 001678-92-8  | 58   |
| 2    |    |   | Cyclohexane, propyl-                | 126 | C9H18    | 001678-92-8  | 58   |
| 3    |    |   | Cyclohexane, (1-methylethyl)-       | 126 | C9H18    | 000696-29-7  | 50   |
| 4    |    |   | Ethanone, 1-cyclohexyl-             | 126 | C8H14O   | 000823-76-7  | 50   |
| 5    |    |   | Oxalic acid, cyclohexyl dodecyl ... | 340 | C20H36O4 | 1000309-31-4 | 38   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM080524\  
Data File : BM047008.D  
Acq On : 06 Aug 2024 02:06  
Operator : RC/JU  
Sample : P3171-12  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DCVX5

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM080224.MA.M  
Quant Title : SVOA CALIBRATION

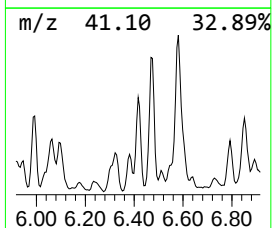
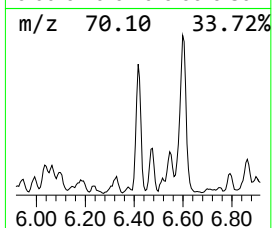
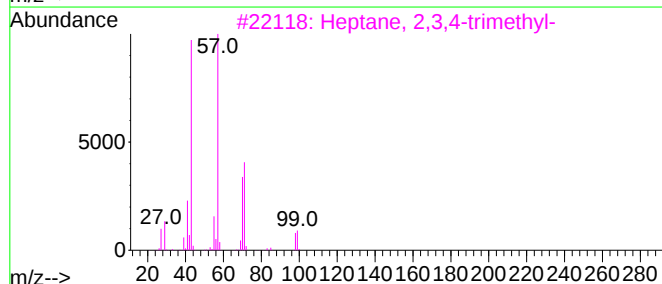
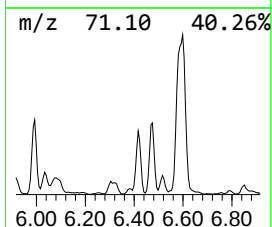
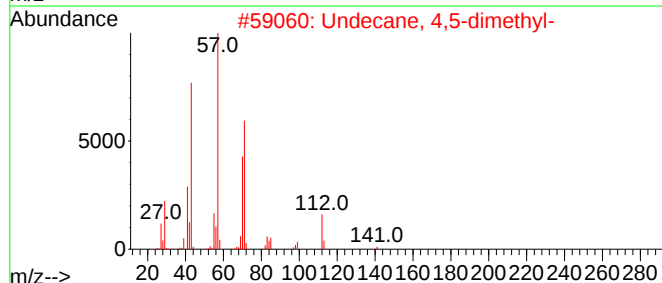
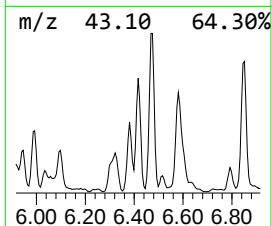
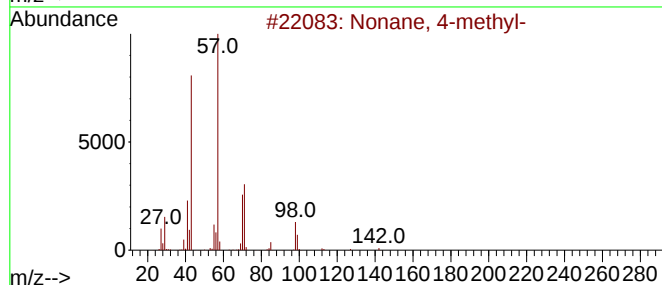
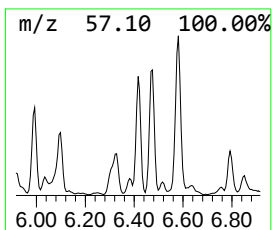
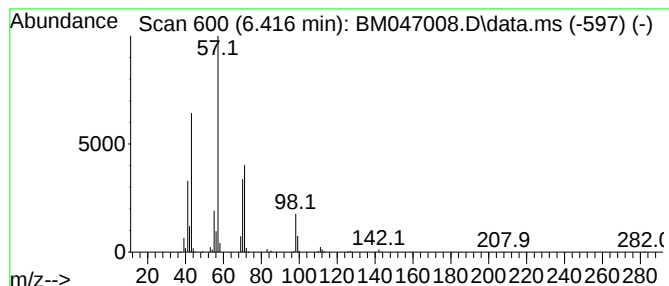
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TIC Integration Parameters: LSCINT.P

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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 42

| R.T.  | EstConc    | Area   | Relative to ISTD       | R.T.  |
|-------|------------|--------|------------------------|-------|
| 6.416 | 6.67 ng/ul | 741557 | 1,4-Dichlorobenzene-d4 | 7.398 |

| Hit# | of | 5 | Tentative ID                  | MW  | MolForm     | CAS#        | Qual |
|------|----|---|-------------------------------|-----|-------------|-------------|------|
| 1    |    |   | Nonane, 4-methyl-             | 142 | C10H22      | 017301-94-9 | 91   |
| 2    |    |   | Undecane, 4,5-dimethyl-       | 184 | C13H28      | 017312-79-7 | 64   |
| 3    |    |   | Heptane, 2,3,4-trimethyl-     | 142 | C10H22      | 052896-95-4 | 64   |
| 4    |    |   | Pentane, 2,2,3,3-tetramethyl- | 128 | C9H20       | 007154-79-2 | 64   |
| 5    |    |   | Silane, trichlorooctadecyl-   | 386 | C18H37Cl3Si | 000112-04-9 | 53   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM080524\  
Data File : BM047008.D  
Acq On : 06 Aug 2024 02:06  
Operator : RC/JU  
Sample : P3171-12  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DCVX5

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM080224.MA.M  
Quant Title : SVOA CALIBRATION

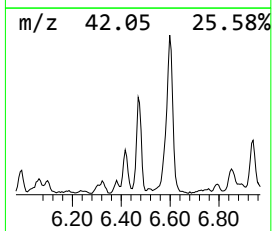
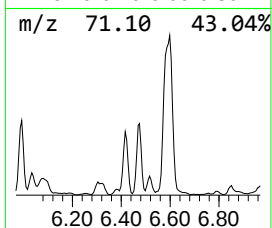
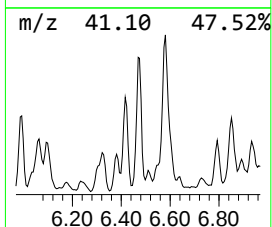
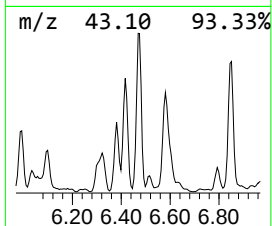
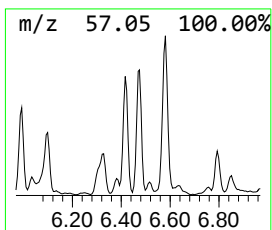
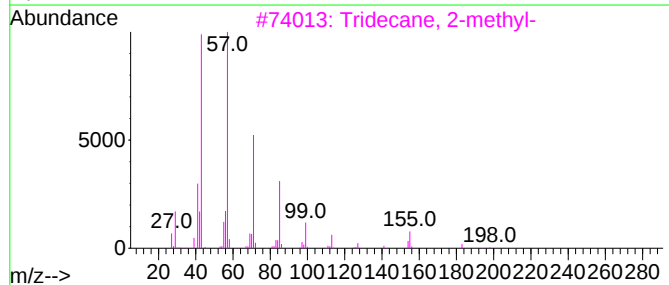
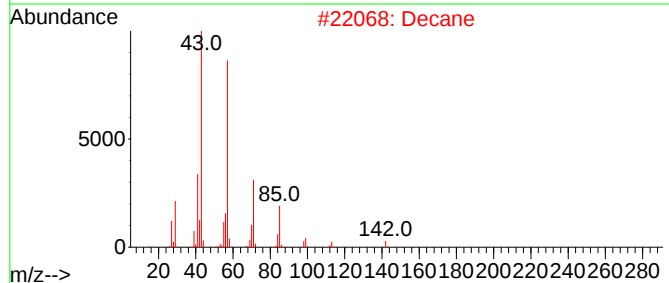
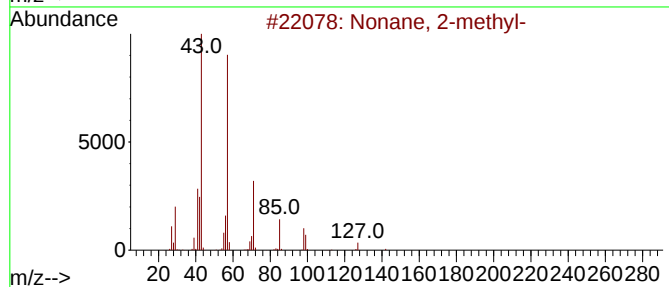
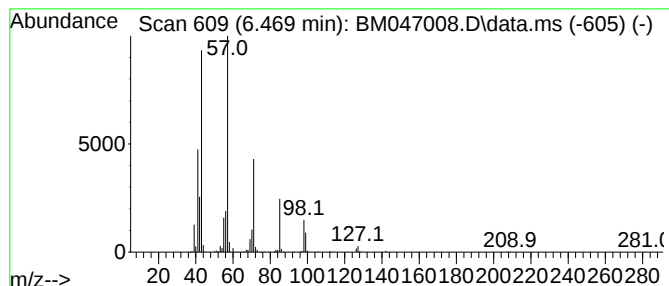
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 29

| R.T.  | EstConc    | Area    | Relative to ISTD       | R.T.  |
|-------|------------|---------|------------------------|-------|
| 6.469 | 9.33 ng/ul | 1037040 | 1,4-Dichlorobenzene-d4 | 7.398 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | Nonane, 2-methyl-                   | 142 | C10H22    | 000871-83-0  | 81   |
| 2    |    |   | Decane                              | 142 | C10H22    | 000124-18-5  | 72   |
| 3    |    |   | Tridecane, 2-methyl-                | 198 | C14H30    | 001560-96-9  | 64   |
| 4    |    |   | Sulfurous acid, 2-ethylhexyl iso... | 278 | C14H30O3S | 1000309-19-0 | 64   |
| 5    |    |   | Decane, 6-ethyl-2-methyl-           | 184 | C13H28    | 062108-21-8  | 64   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM080524\  
Data File : BM047008.D  
Acq On : 06 Aug 2024 02:06  
Operator : RC/JU  
Sample : P3171-12  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DCVX5

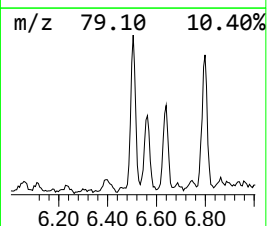
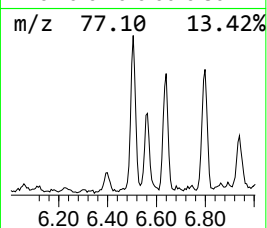
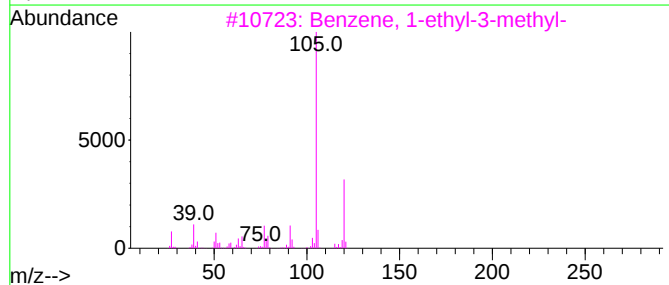
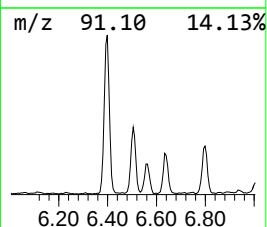
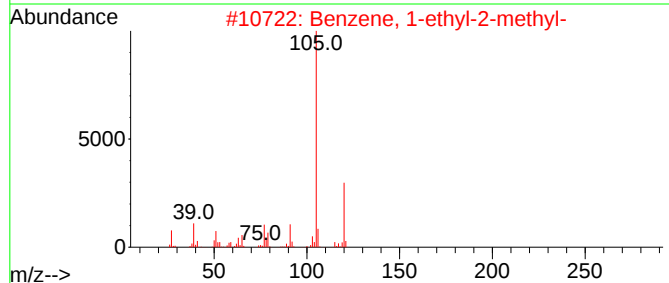
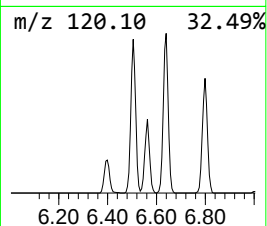
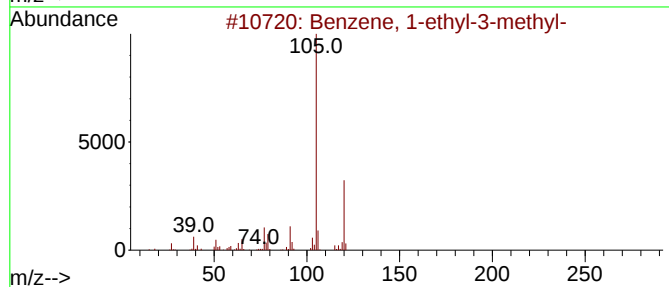
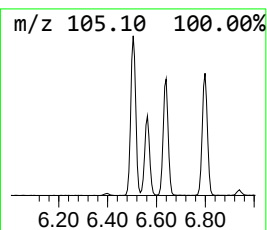
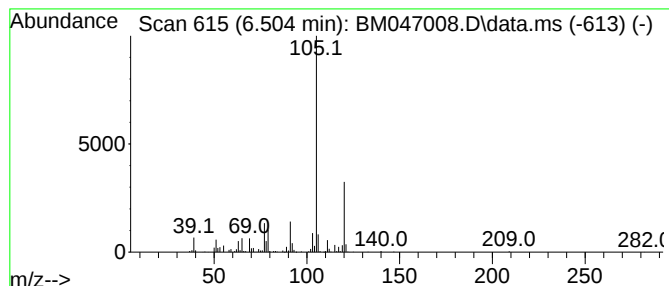
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Quant Title : SVOA CALIBRATION

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

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Peak Number 6 Benzene, 1-ethyl-3-methyl- Concentration Rank 47

| R.T.  | EstConc    | Area   | Relative to ISTD       | R.T.  |
|-------|------------|--------|------------------------|-------|
| 6.504 | 6.00 ng/ul | 667028 | 1,4-Dichlorobenzene-d4 | 7.398 |

| Hit# | of | 5 | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1-ethyl-3-methyl- | 120 | C9H12   | 000620-14-4 | 97   |
| 2    |    |   | Benzene, 1-ethyl-2-methyl- | 120 | C9H12   | 000611-14-3 | 95   |
| 3    |    |   | Benzene, 1-ethyl-3-methyl- | 120 | C9H12   | 000620-14-4 | 94   |
| 4    |    |   | Mesitylene                 | 120 | C9H12   | 000108-67-8 | 91   |
| 5    |    |   | Benzene, 1-ethyl-2-methyl- | 120 | C9H12   | 000611-14-3 | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM080524\  
Data File : BM047008.D  
Acq On : 06 Aug 2024 02:06  
Operator : RC/JU  
Sample : P3171-12  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DCVX5

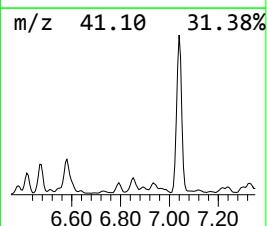
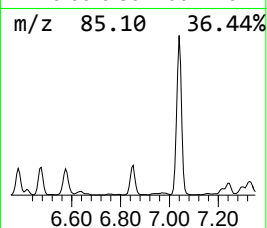
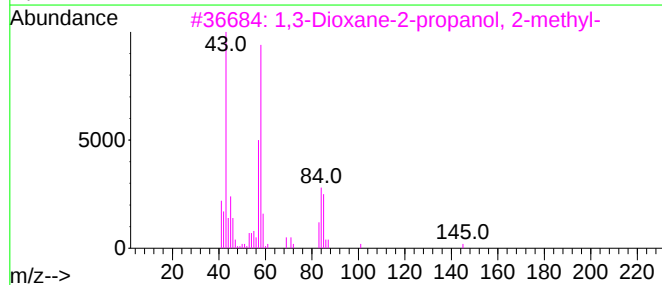
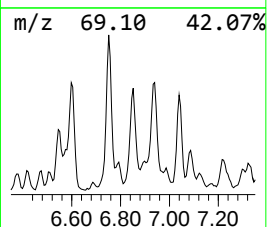
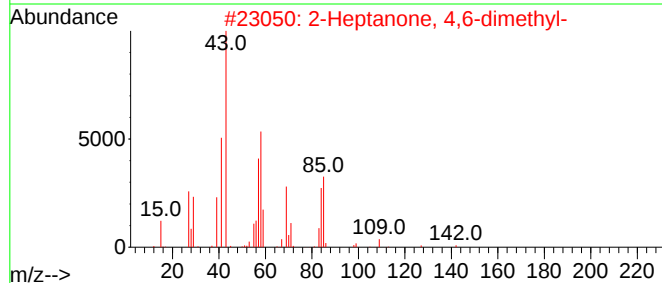
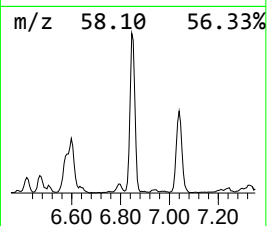
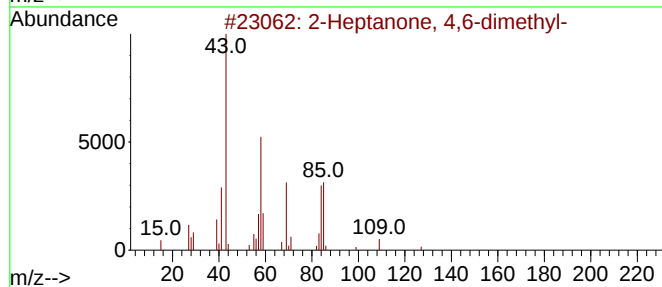
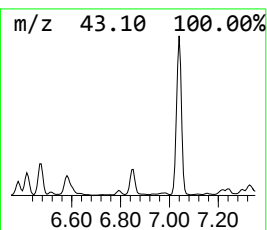
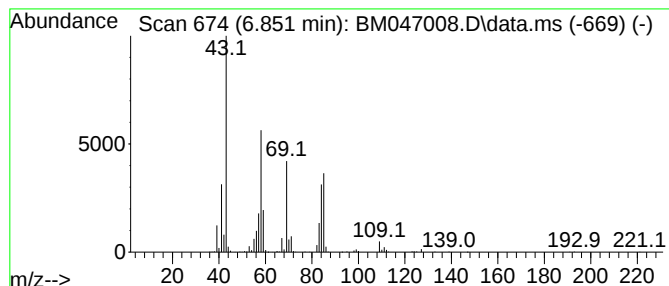
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Quant Title : SVOA CALIBRATION

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

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Peak Number 7 2-Heptanone, 4,6-dimethyl- Concentration Rank 44

| R.T.  | EstConc    | Area   | Relative to ISTD       | R.T.  |
|-------|------------|--------|------------------------|-------|
| 6.851 | 6.30 ng/ul | 700878 | 1,4-Dichlorobenzene-d4 | 7.398 |

| Hit# | of | 5 | Tentative ID                      | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------------------|-----|---------|-------------|------|
| 1    |    |   | 2-Heptanone, 4,6-dimethyl-        | 142 | C9H18O  | 019549-80-5 | 86   |
| 2    |    |   | 2-Heptanone, 4,6-dimethyl-        | 142 | C9H18O  | 019549-80-5 | 56   |
| 3    |    |   | 1,3-Dioxane-2-propanol, 2-methyl- | 160 | C8H16O3 | 036651-31-7 | 53   |
| 4    |    |   | Heptane, 2,3-dimethyl-            | 128 | C9H20   | 003074-71-3 | 38   |
| 5    |    |   | Pentane, 3-ethyl-2,4-dimethyl-    | 128 | C9H20   | 001068-87-7 | 38   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM080524\  
Data File : BM047008.D  
Acq On : 06 Aug 2024 02:06  
Operator : RC/JU  
Sample : P3171-12  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DCVX5

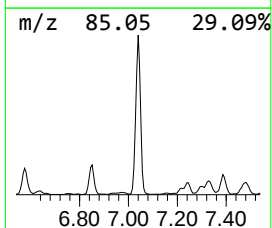
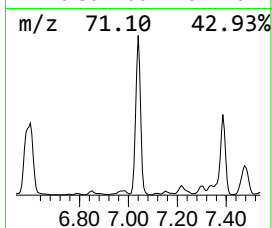
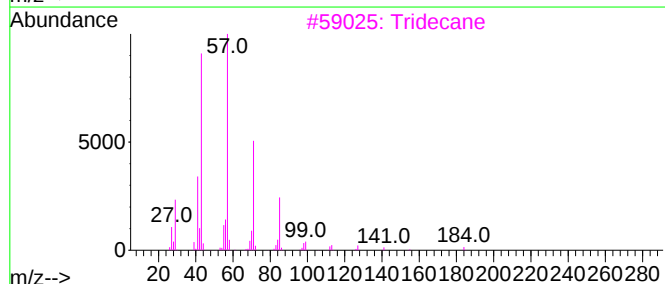
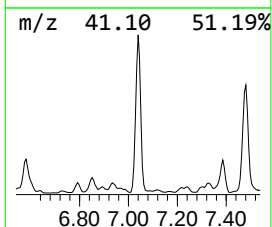
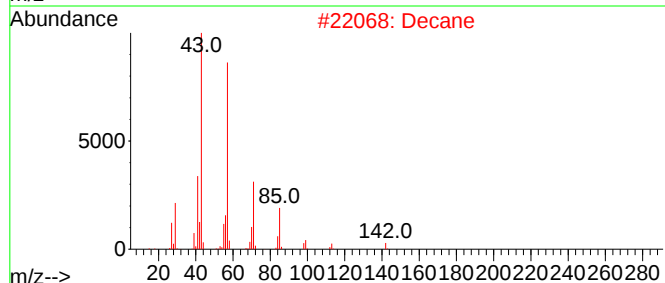
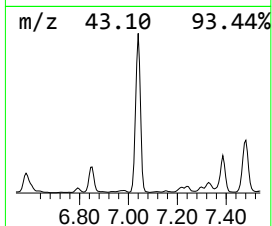
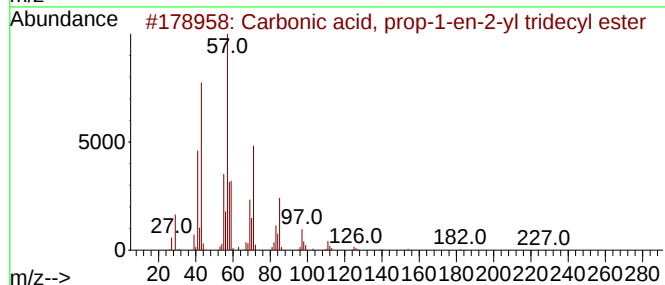
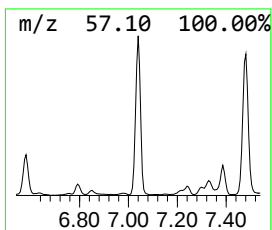
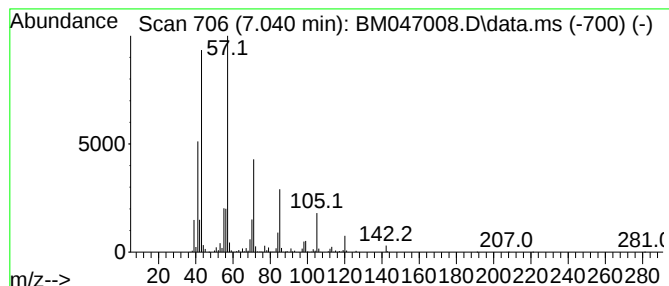
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Quant Title : SVOA CALIBRATION

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

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Peak Number 8 Carbonic acid, prop-1-en-2-... Concentration Rank 1

| R.T.  | EstConc     | Area    | Relative to ISTD       | R.T.  |
|-------|-------------|---------|------------------------|-------|
| 7.040 | 55.42 ng/ul | 6162850 | 1,4-Dichlorobenzene-d4 | 7.398 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|----------|--------------|------|
| 1    |    |   | Carbonic acid, prop-1-en-2-yl tr... | 284 | C17H32O3 | 1000382-90-8 | 86   |
| 2    |    |   | Decane                              | 142 | C10H22   | 000124-18-5  | 81   |
| 3    |    |   | Tridecane                           | 184 | C13H28   | 000629-50-5  | 64   |
| 4    |    |   | Decane, 6-ethyl-2-methyl-           | 184 | C13H28   | 062108-21-8  | 59   |
| 5    |    |   | Decane, 3,6-dimethyl-               | 170 | C12H26   | 017312-53-7  | 59   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM080524\  
Data File : BM047008.D  
Acq On : 06 Aug 2024 02:06  
Operator : RC/JU  
Sample : P3171-12  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DCVX5

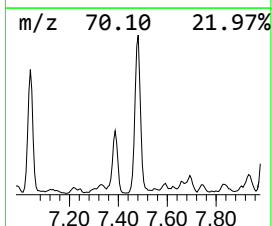
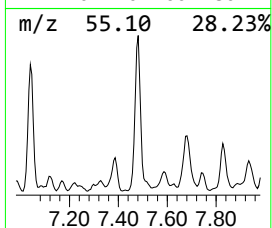
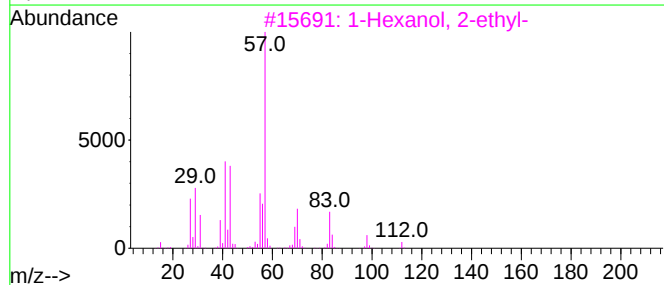
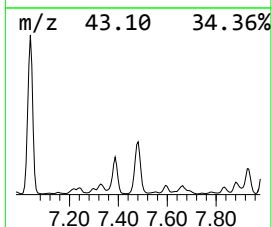
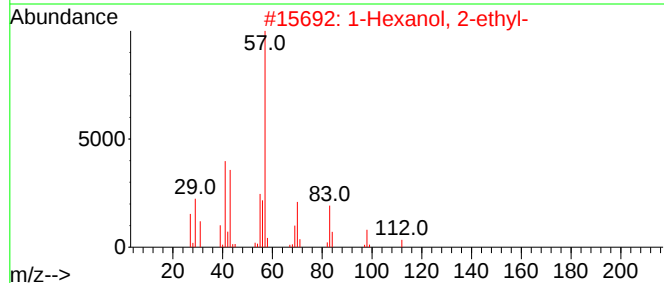
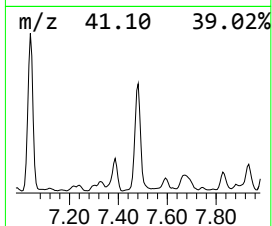
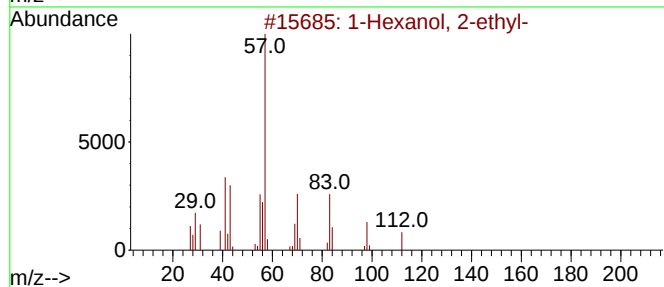
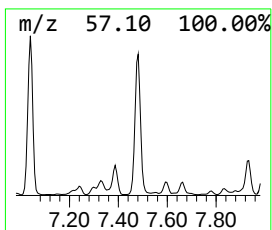
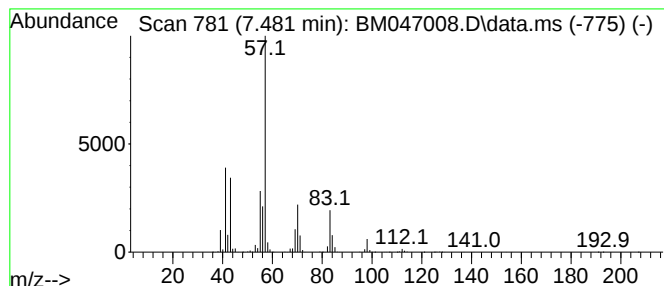
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Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 9 1-Hexanol, 2-ethyl- Concentration Rank 3

| R.T.  | EstConc     | Area    | Relative to ISTD       | R.T.  |
|-------|-------------|---------|------------------------|-------|
| 7.481 | 36.86 ng/ul | 4098440 | 1,4-Dichlorobenzene-d4 | 7.398 |

| Hit# | of                  | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|---------------------|---|--------------|-----|---------|-------------|------|
| 1    | 1-Hexanol, 2-ethyl- |   |              | 130 | C8H18O  | 000104-76-7 | 83   |
| 2    | 1-Hexanol, 2-ethyl- |   |              | 130 | C8H18O  | 000104-76-7 | 83   |
| 3    | 1-Hexanol, 2-ethyl- |   |              | 130 | C8H18O  | 000104-76-7 | 83   |
| 4    | 1-Hexanol, 2-ethyl- |   |              | 130 | C8H18O  | 000104-76-7 | 78   |
| 5    | 1-Hexanol, 2-ethyl- |   |              | 130 | C8H18O  | 000104-76-7 | 72   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM080524\  
Data File : BM047008.D  
Acq On : 06 Aug 2024 02:06  
Operator : RC/JU  
Sample : P3171-12  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DCVX5

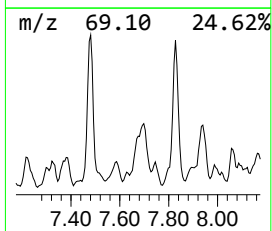
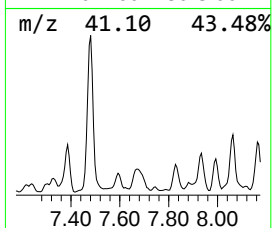
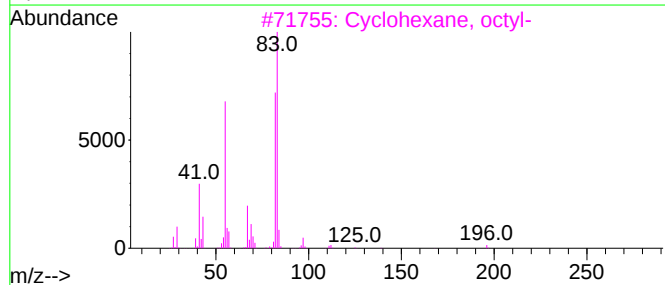
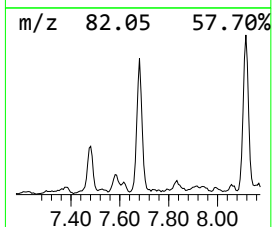
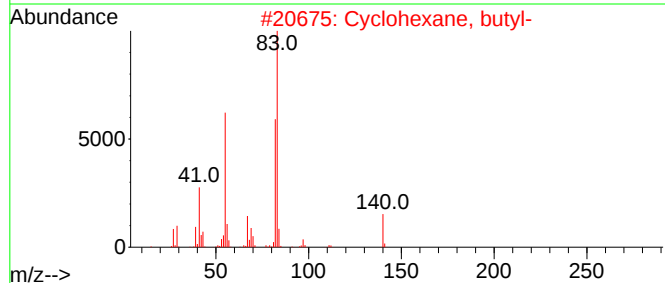
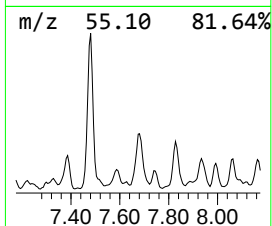
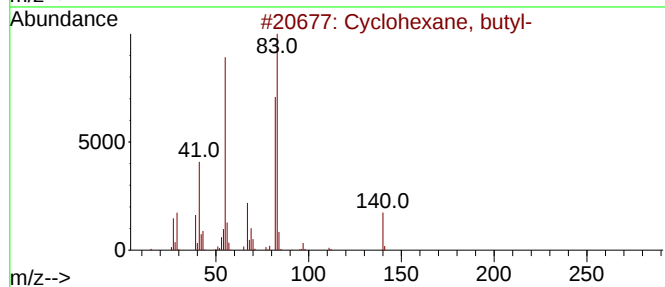
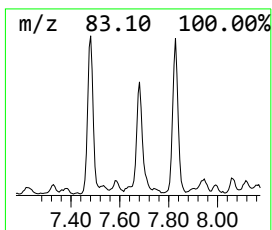
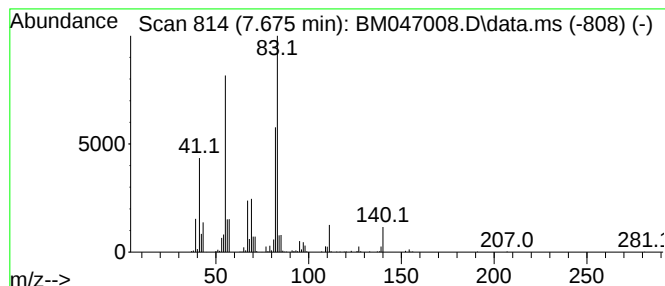
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Quant Title : SVOA CALIBRATION

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

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Peak Number 10 (DEL) Alkane: Cyclic7.675 Concentration Rank 25

| R.T.  | EstConc    | Area    | Relative to ISTD       | R.T.  |
|-------|------------|---------|------------------------|-------|
| 7.675 | 9.79 ng/ul | 1088830 | 1,4-Dichlorobenzene-d4 | 7.398 |

| Hit# | of | 5 | Tentative ID         | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------|-----|---------|-------------|------|
| 1    |    |   | Cyclohexane, butyl-  | 140 | C10H20  | 001678-93-9 | 87   |
| 2    |    |   | Cyclohexane, butyl-  | 140 | C10H20  | 001678-93-9 | 83   |
| 3    |    |   | Cyclohexane, octyl-  | 196 | C14H28  | 001795-15-9 | 72   |
| 4    |    |   | Cyclohexane, pentyl- | 154 | C11H22  | 004292-92-6 | 64   |
| 5    |    |   | Cyclohexane, propyl- | 126 | C9H18   | 001678-92-8 | 64   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM080524\  
Data File : BM047008.D  
Acq On : 06 Aug 2024 02:06  
Operator : RC/JU  
Sample : P3171-12  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DCVX5

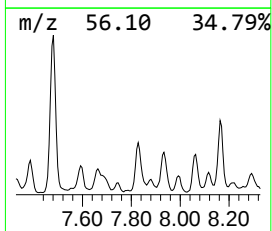
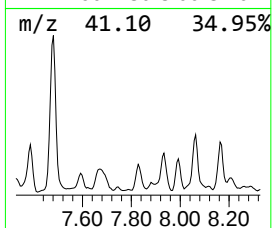
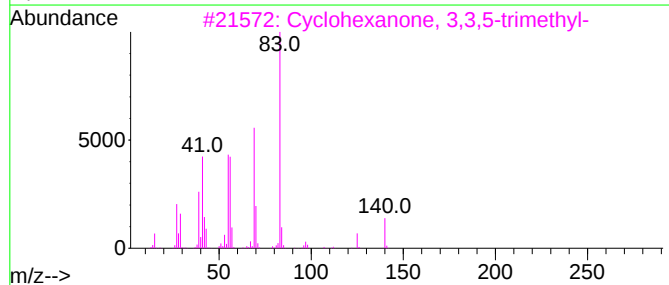
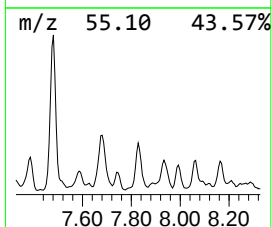
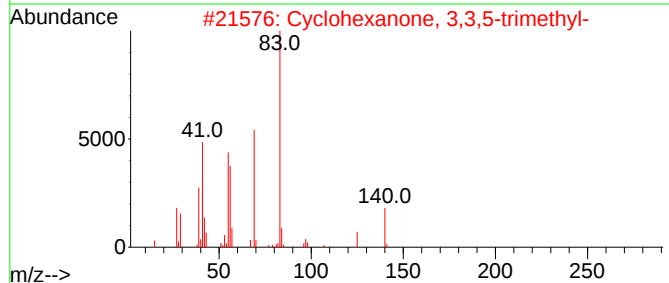
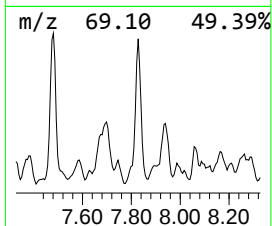
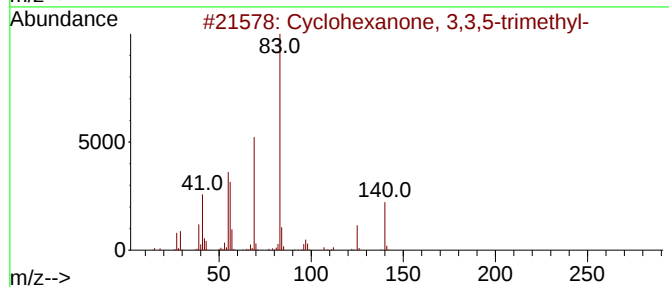
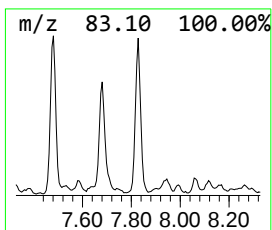
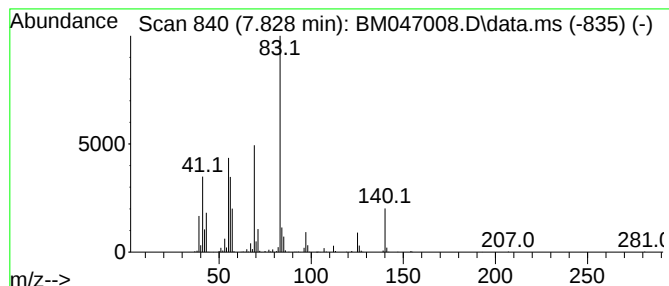
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Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 11 Cyclohexanone, 3,3,5-trimet... Concentration Rank 39

| R.T.  | EstConc    | Area   | Relative to ISTD       | R.T.  |
|-------|------------|--------|------------------------|-------|
| 7.828 | 7.16 ng/ul | 795940 | 1,4-Dichlorobenzene-d4 | 7.398 |

| Hit# | of | 5 | Tentative ID                    | MW  | MolForm | CAS#        | Qual |
|------|----|---|---------------------------------|-----|---------|-------------|------|
| 1    |    |   | Cyclohexanone, 3,3,5-trimethyl- | 140 | C9H16O  | 000873-94-9 | 87   |
| 2    |    |   | Cyclohexanone, 3,3,5-trimethyl- | 140 | C9H16O  | 000873-94-9 | 87   |
| 3    |    |   | Cyclohexanone, 3,3,5-trimethyl- | 140 | C9H16O  | 000873-94-9 | 83   |
| 4    |    |   | Cyclohexanone, 3,3,5-trimethyl- | 140 | C9H16O  | 000873-94-9 | 81   |
| 5    |    |   | Cyclopentanone, 3-butyl-        | 140 | C9H16O  | 057283-81-5 | 53   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM080524\  
Data File : BM047008.D  
Acq On : 06 Aug 2024 02:06  
Operator : RC/JU  
Sample : P3171-12  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DCVX5

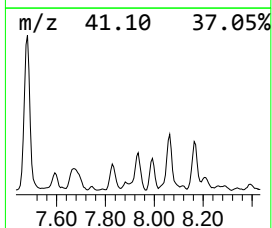
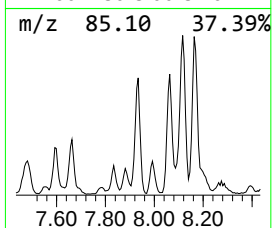
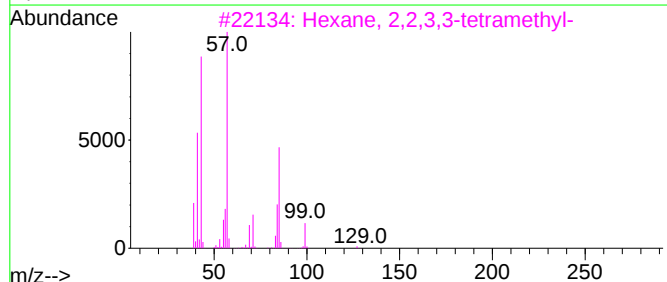
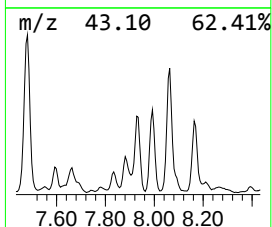
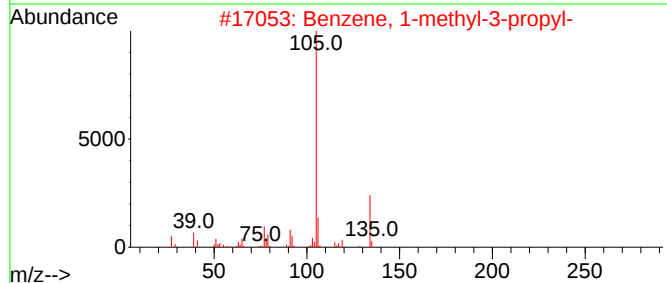
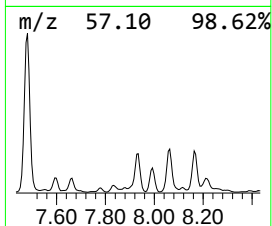
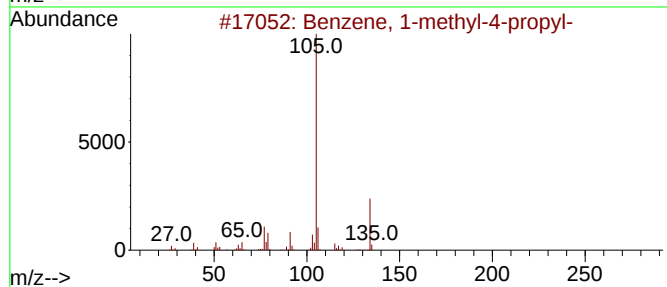
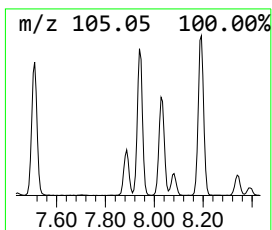
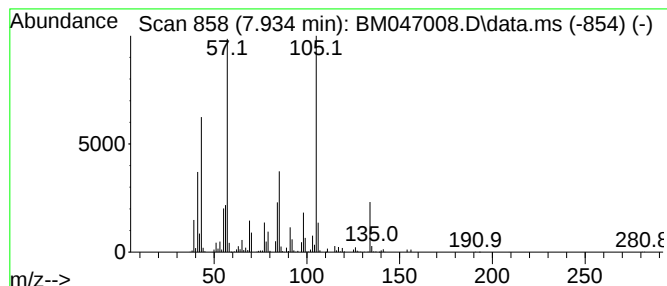
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Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 12 Benzene, 1-methyl-4-propyl- Concentration Rank 15

| R.T.  | EstConc     | Area    | Relative to ISTD       | R.T.  |
|-------|-------------|---------|------------------------|-------|
| 7.934 | 14.31 ng/ul | 1590910 | 1,4-Dichlorobenzene-d4 | 7.398 |

| Hit# | of | 5 | Tentative ID                 | MW  | MolForm | CAS#        | Qual |
|------|----|---|------------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1-methyl-4-propyl-  | 134 | C10H14  | 001074-55-1 | 70   |
| 2    |    |   | Benzene, 1-methyl-3-propyl-  | 134 | C10H14  | 001074-43-7 | 51   |
| 3    |    |   | Hexane, 2,2,3,3-tetramethyl- | 142 | C10H22  | 013475-81-5 | 46   |
| 4    |    |   | Decane, 5-methyl-            | 156 | C11H24  | 013151-35-4 | 43   |
| 5    |    |   | Benzene, 1-methyl-4-propyl-  | 134 | C10H14  | 001074-55-1 | 38   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM080524\  
Data File : BM047008.D  
Acq On : 06 Aug 2024 02:06  
Operator : RC/JU  
Sample : P3171-12  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DCVX5

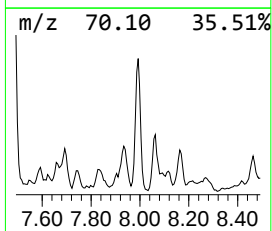
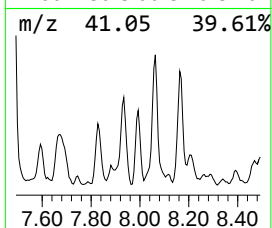
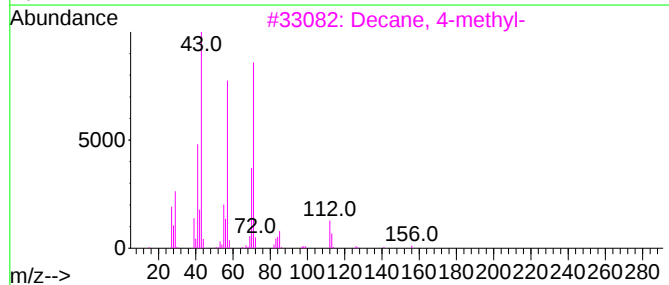
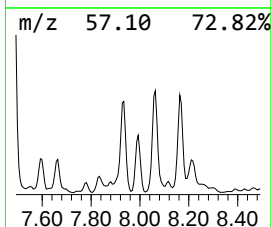
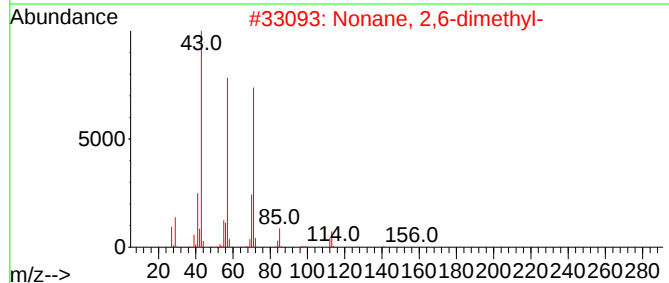
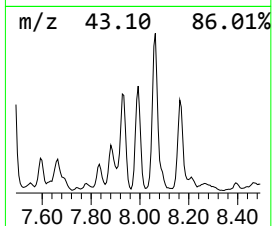
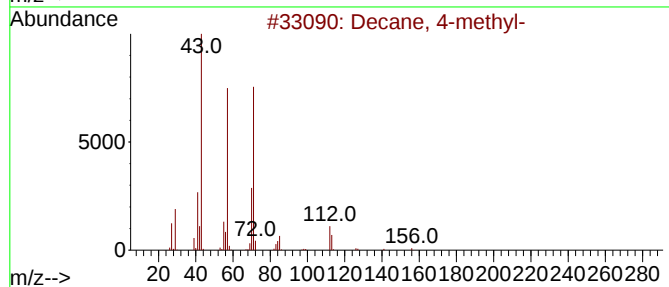
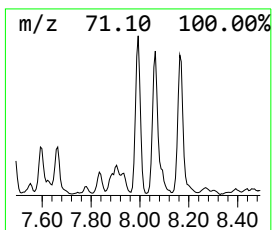
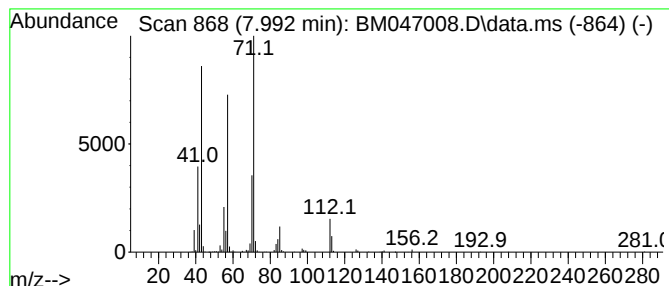
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Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 38

| R.T.  | EstConc    | Area   | Relative to ISTD       | R.T.  |
|-------|------------|--------|------------------------|-------|
| 7.992 | 7.44 ng/ul | 827016 | 1,4-Dichlorobenzene-d4 | 7.398 |

| Hit# | of 5 | Tentative ID             | MW  | MolForm | CAS#        | Qual |
|------|------|--------------------------|-----|---------|-------------|------|
| 1    |      | Decane, 4-methyl-        | 156 | C11H24  | 002847-72-5 | 94   |
| 2    |      | Nonane, 2,6-dimethyl-    | 156 | C11H24  | 017302-28-2 | 91   |
| 3    |      | Decane, 4-methyl-        | 156 | C11H24  | 002847-72-5 | 76   |
| 4    |      | Dodecane, 4-methyl-      | 184 | C13H28  | 006117-97-1 | 72   |
| 5    |      | Decane, 3,3,8-trimethyl- | 184 | C13H28  | 062338-16-3 | 72   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM080524\  
Data File : BM047008.D  
Acq On : 06 Aug 2024 02:06  
Operator : RC/JU  
Sample : P3171-12  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DCVX5

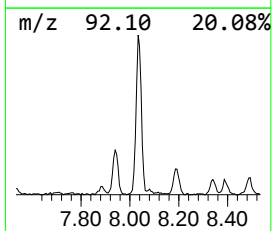
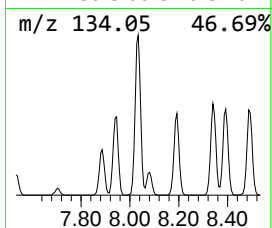
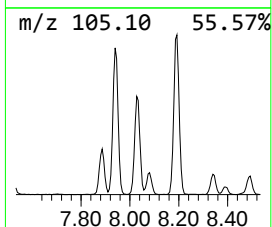
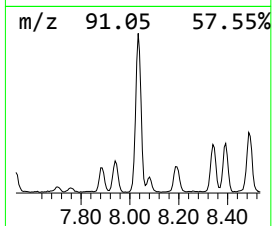
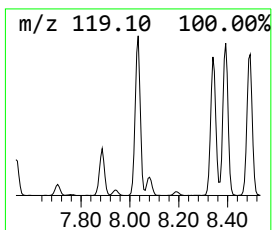
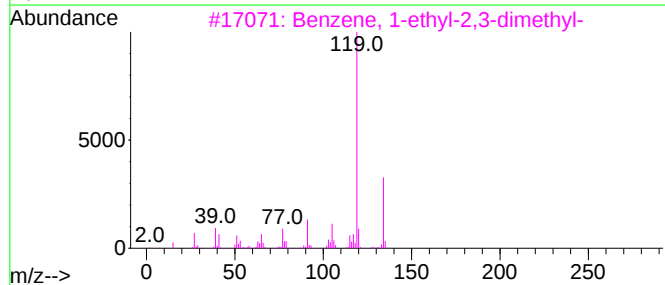
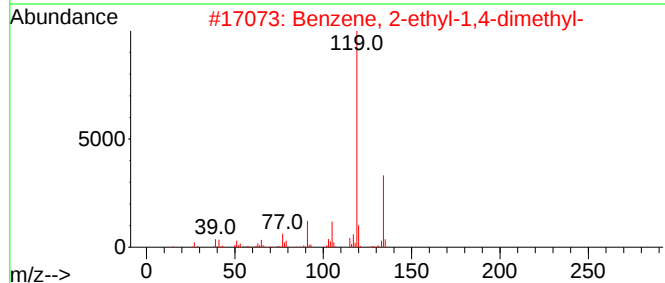
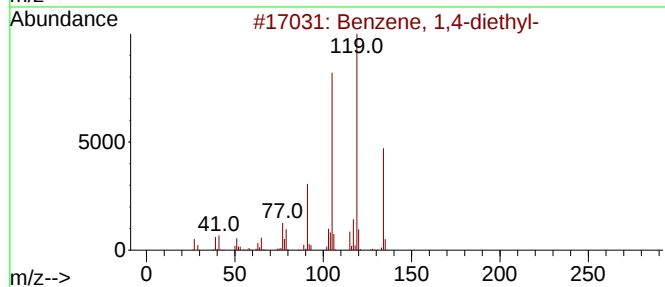
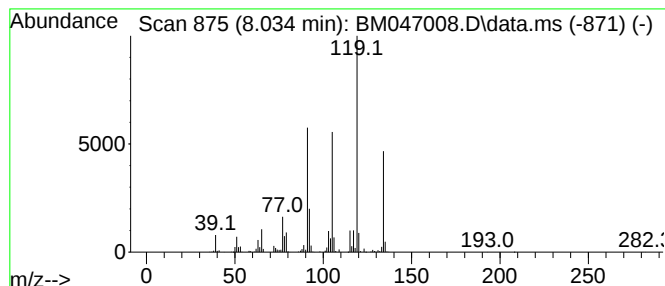
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Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 14 Benzene, 1,4-diethyl- Concentration Rank 32

| R.T.  | EstConc    | Area   | Relative to ISTD       | R.T.  |
|-------|------------|--------|------------------------|-------|
| 8.034 | 8.40 ng/ul | 933826 | 1,4-Dichlorobenzene-d4 | 7.398 |

| Hit# | of | 5 | Tentative ID                   | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1,4-diethyl-          | 134 | C10H14  | 000105-05-5 | 96   |
| 2    |    |   | Benzene, 2-ethyl-1,4-dimethyl- | 134 | C10H14  | 001758-88-9 | 94   |
| 3    |    |   | Benzene, 1-ethyl-2,3-dimethyl- | 134 | C10H14  | 000933-98-2 | 93   |
| 4    |    |   | Benzene, 4-ethyl-1,2-dimethyl- | 134 | C10H14  | 000934-80-5 | 91   |
| 5    |    |   | Benzene, 1,2-diethyl-          | 134 | C10H14  | 000135-01-3 | 90   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM080524\  
Data File : BM047008.D  
Acq On : 06 Aug 2024 02:06  
Operator : RC/JU  
Sample : P3171-12  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DCVX5

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM080224.MA.M  
Quant Title : SVOA CALIBRATION

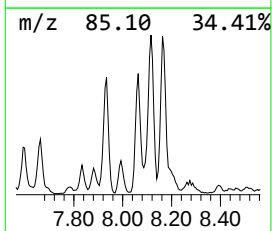
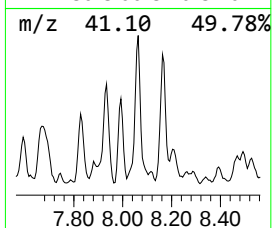
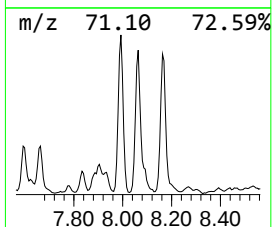
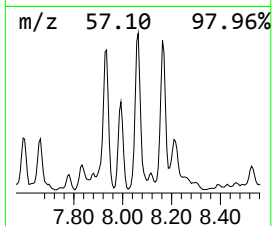
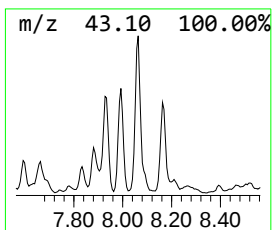
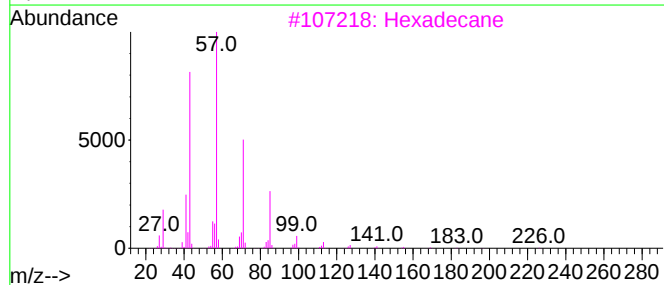
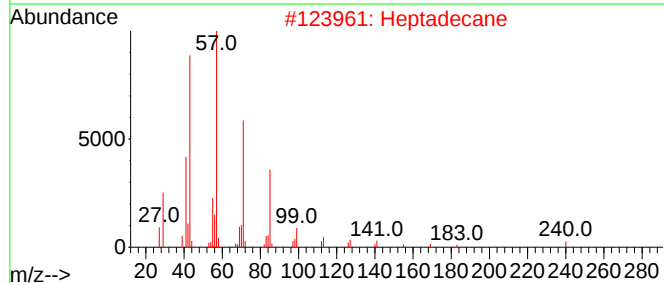
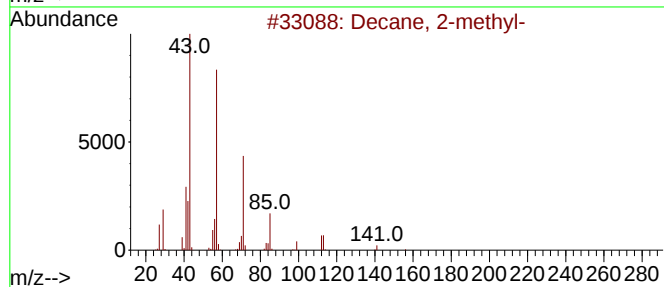
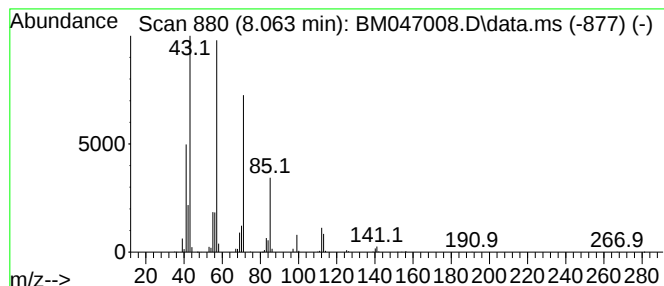
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TIC Integration Parameters: LSCINT.P

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Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 35

| R.T.  | EstConc    | Area   | Relative to ISTD       | R.T.  |
|-------|------------|--------|------------------------|-------|
| 8.063 | 8.21 ng/ul | 912628 | 1,4-Dichlorobenzene-d4 | 7.398 |

| Hit# | of | 5 | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------------|-----|---------|-------------|------|
| 1    |    |   | Decane, 2-methyl-           | 156 | C11H24  | 006975-98-0 | 87   |
| 2    |    |   | Heptadecane                 | 240 | C17H36  | 000629-78-7 | 72   |
| 3    |    |   | Hexadecane                  | 226 | C16H34  | 000544-76-3 | 64   |
| 4    |    |   | Dodecane, 2,7,10-trimethyl- | 212 | C15H32  | 074645-98-0 | 64   |
| 5    |    |   | Undecane, 2,6-dimethyl-     | 184 | C13H28  | 017301-23-4 | 59   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM080524\  
Data File : BM047008.D  
Acq On : 06 Aug 2024 02:06  
Operator : RC/JU  
Sample : P3171-12  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DCVX5

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM080224.MA.M  
Quant Title : SVOA CALIBRATION

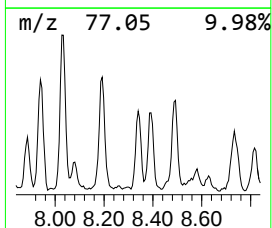
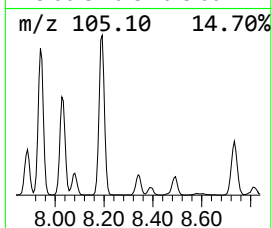
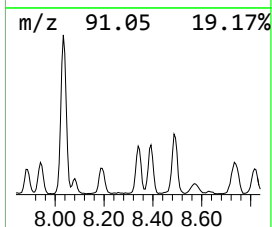
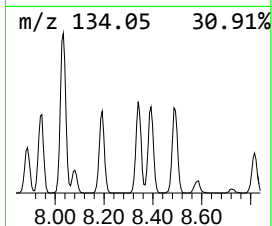
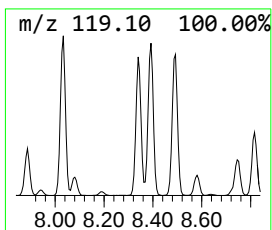
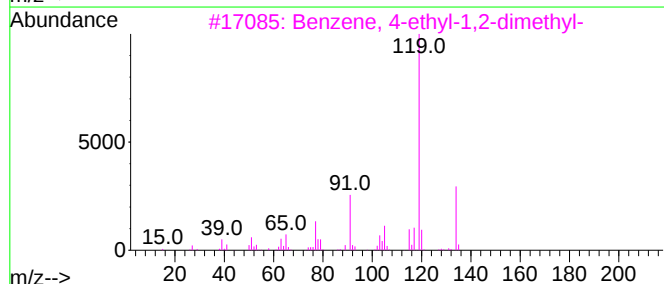
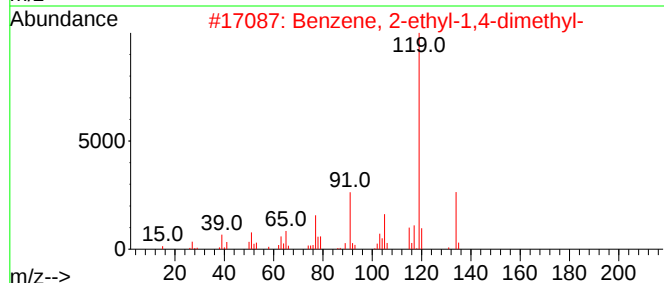
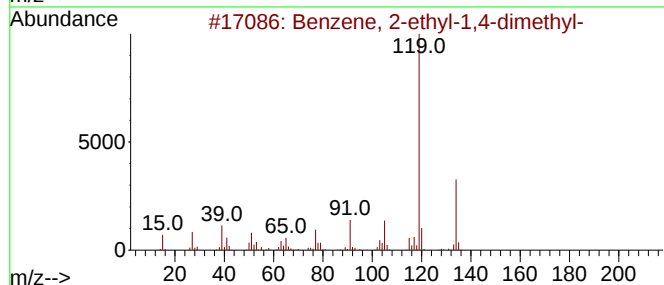
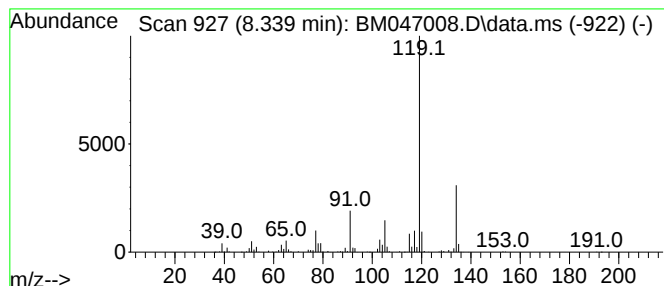
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TIC Integration Parameters: LSCINT.P

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Peak Number 16 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 51

| R.T.  | EstConc    | Area   | Relative to ISTD       | R.T.  |
|-------|------------|--------|------------------------|-------|
| 8.339 | 5.70 ng/ul | 634307 | 1,4-Dichlorobenzene-d4 | 7.398 |

| Hit# | of | 5 | Tentative ID                   | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 2-ethyl-1,4-dimethyl- | 134 | C10H14  | 001758-88-9 | 97   |
| 2    |    |   | Benzene, 2-ethyl-1,4-dimethyl- | 134 | C10H14  | 001758-88-9 | 96   |
| 3    |    |   | Benzene, 4-ethyl-1,2-dimethyl- | 134 | C10H14  | 000934-80-5 | 96   |
| 4    |    |   | o-Cymene                       | 134 | C10H14  | 000527-84-4 | 95   |
| 5    |    |   | o-Cymene                       | 134 | C10H14  | 000527-84-4 | 95   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM080524\  
Data File : BM047008.D  
Acq On : 06 Aug 2024 02:06  
Operator : RC/JU  
Sample : P3171-12  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DCVX5

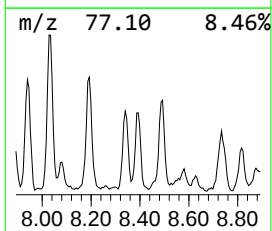
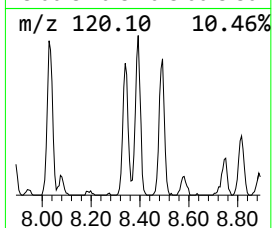
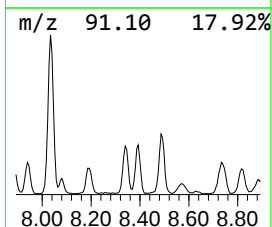
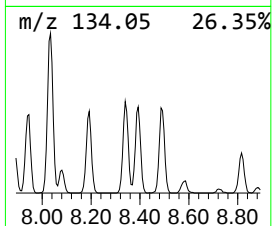
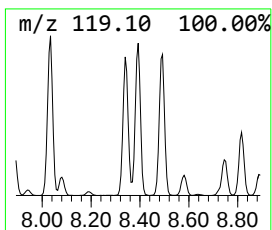
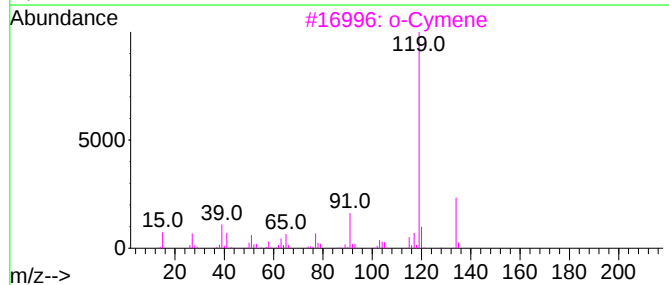
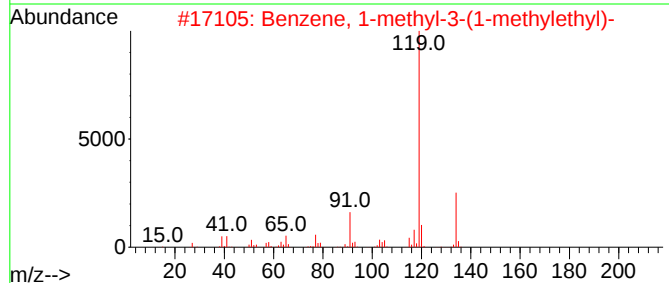
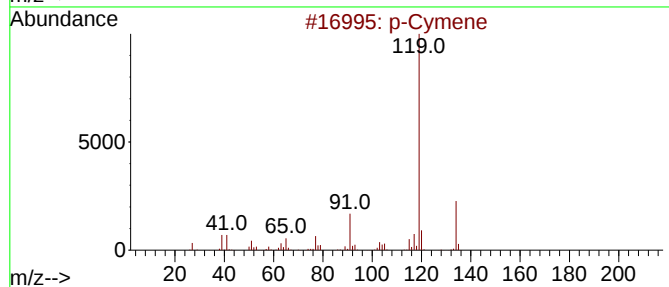
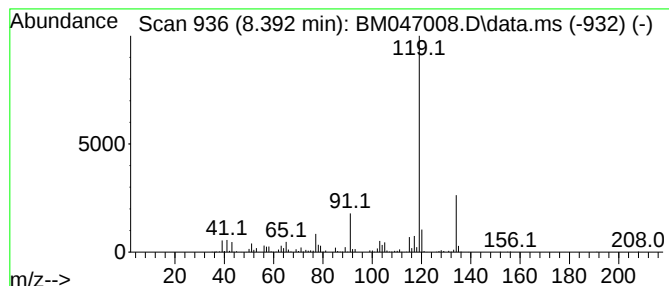
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Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 17 p-Cymene Concentration Rank 43

| R.T.  | EstConc    | Area   | Relative to ISTD       | R.T.  |
|-------|------------|--------|------------------------|-------|
| 8.392 | 6.37 ng/ul | 707997 | 1,4-Dichlorobenzene-d4 | 7.398 |

| Hit# | of | 5 | Tentative ID                         | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------------------------------|-----|---------|-------------|------|
| 1    |    |   | p-Cymene                             | 134 | C10H14  | 000099-87-6 | 95   |
| 2    |    |   | Benzene, 1-methyl-3-(1-methylethyl)- | 134 | C10H14  | 000535-77-3 | 95   |
| 3    |    |   | o-Cymene                             | 134 | C10H14  | 000527-84-4 | 95   |
| 4    |    |   | o-Cymene                             | 134 | C10H14  | 000527-84-4 | 95   |
| 5    |    |   | o-Cymene                             | 134 | C10H14  | 000527-84-4 | 94   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM080524\  
Data File : BM047008.D  
Acq On : 06 Aug 2024 02:06  
Operator : RC/JU  
Sample : P3171-12  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DCVX5

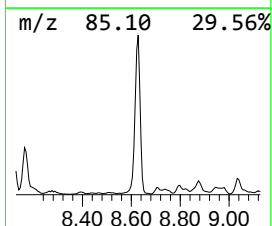
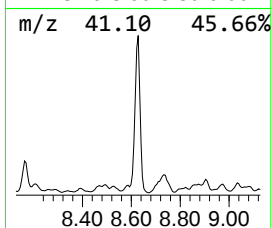
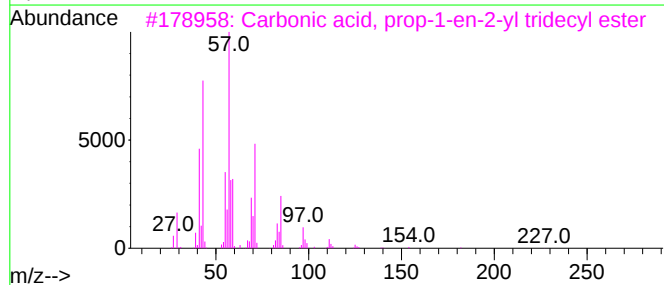
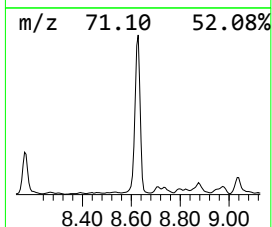
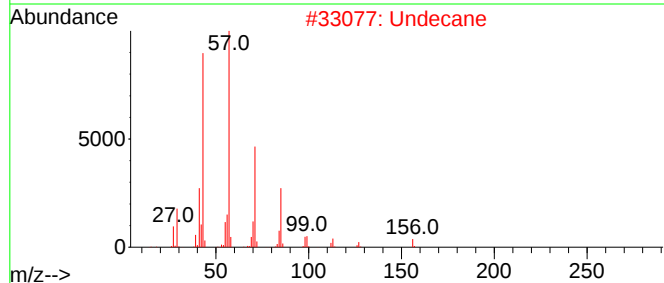
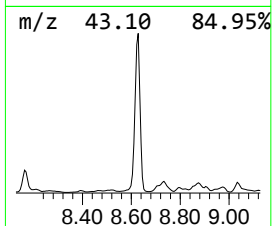
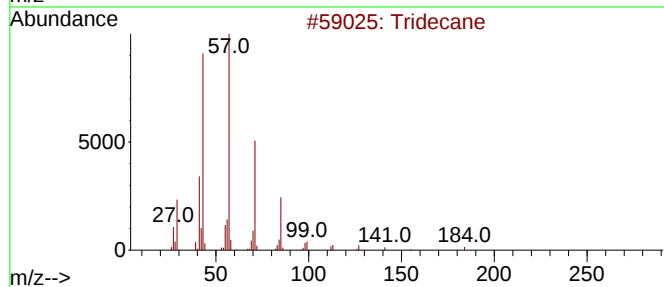
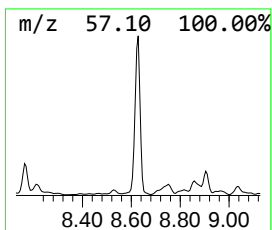
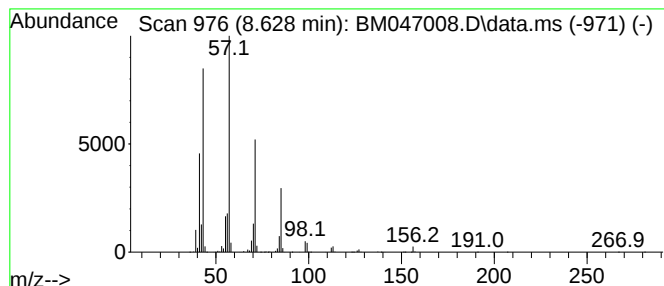
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Quant Title : SVOA CALIBRATION

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

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Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 2

| R.T.  | EstConc     | Area    | Relative to ISTD       | R.T.  |
|-------|-------------|---------|------------------------|-------|
| 8.628 | 51.12 ng/ul | 5684260 | 1,4-Dichlorobenzene-d4 | 7.398 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|----------|--------------|------|
| 1    |    |   | Tridecane                           | 184 | C13H28   | 000629-50-5  | 86   |
| 2    |    |   | Undecane                            | 156 | C11H24   | 001120-21-4  | 86   |
| 3    |    |   | Carbonic acid, prop-1-en-2-yl tr... | 284 | C17H32O3 | 1000382-90-8 | 83   |
| 4    |    |   | Carbonic acid, prop-1-en-2-yl te... | 298 | C18H34O3 | 1000382-90-9 | 83   |
| 5    |    |   | Hexadecane                          | 226 | C16H34   | 000544-76-3  | 78   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM080524\  
Data File : BM047008.D  
Acq On : 06 Aug 2024 02:06  
Operator : RC/JU  
Sample : P3171-12  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DCVX5

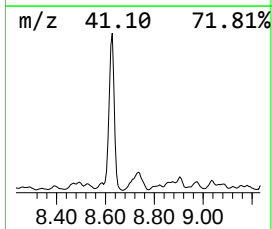
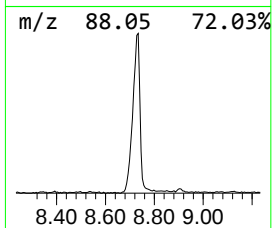
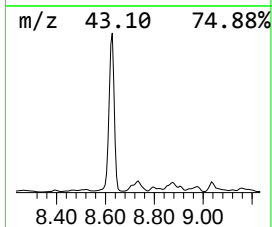
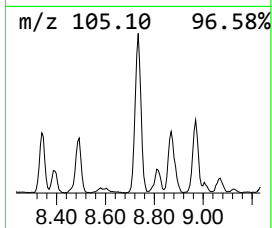
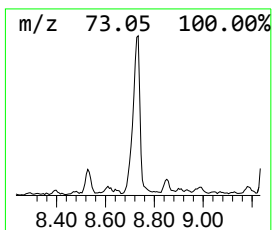
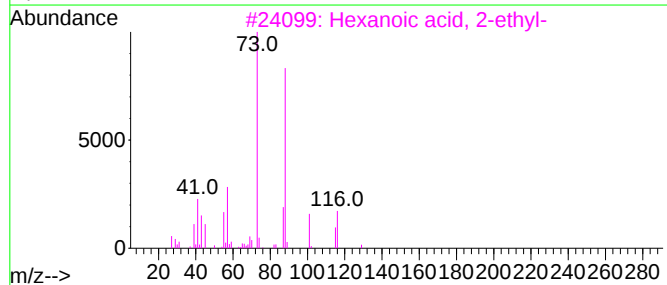
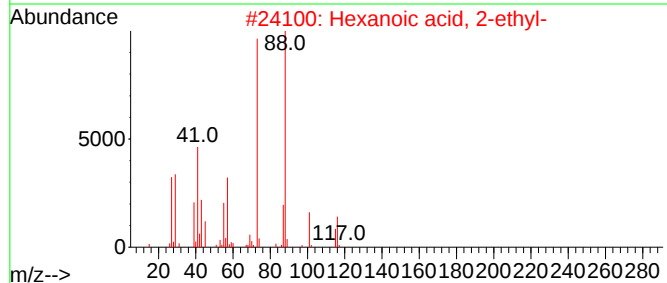
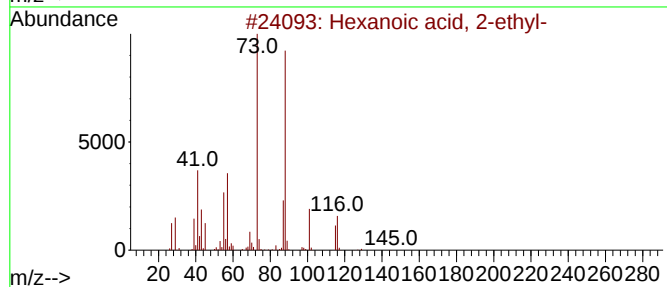
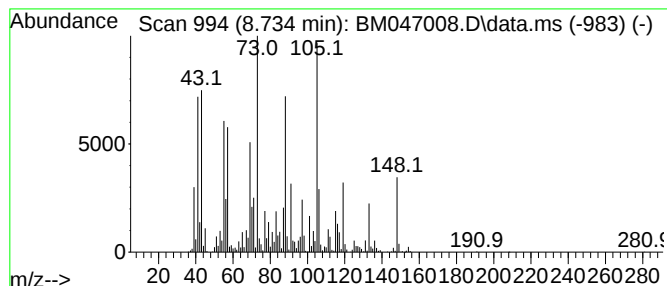
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Quant Title : SVOA CALIBRATION

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

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Peak Number 19 unknown-01 Concentration Rank 10

| R.T.  | EstConc     | Area    | Relative to ISTD       | R.T.  |
|-------|-------------|---------|------------------------|-------|
| 8.734 | 18.94 ng/ul | 2105840 | 1,4-Dichlorobenzene-d4 | 7.398 |

| Hit# | of | 5 | Tentative ID                   | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------------------------|-----|---------|-------------|------|
| 1    |    |   | Hexanoic acid, 2-ethyl-        | 144 | C8H16O2 | 000149-57-5 | 38   |
| 2    |    |   | Hexanoic acid, 2-ethyl-        | 144 | C8H16O2 | 000149-57-5 | 35   |
| 3    |    |   | Hexanoic acid, 2-ethyl-        | 144 | C8H16O2 | 000149-57-5 | 35   |
| 4    |    |   | 2-Ethyl-4-methylpentanoic acid | 144 | C8H16O2 | 000108-81-6 | 35   |
| 5    |    |   | 4-Methylphenyl acetone         | 148 | C10H12O | 002096-86-8 | 25   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM080524\  
Data File : BM047008.D  
Acq On : 06 Aug 2024 02:06  
Operator : RC/JU  
Sample : P3171-12  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DCVX5

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM080224.MA.M  
Quant Title : SVOA CALIBRATION

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

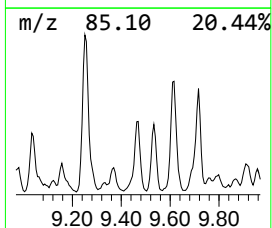
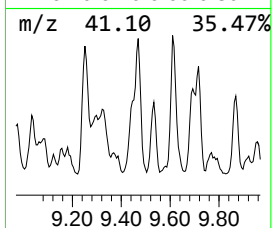
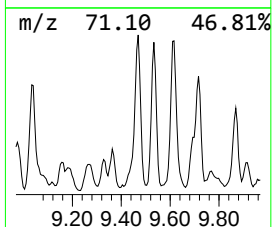
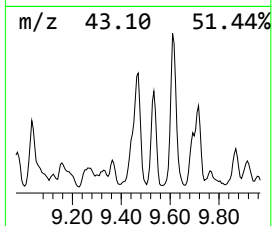
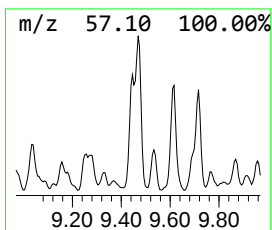
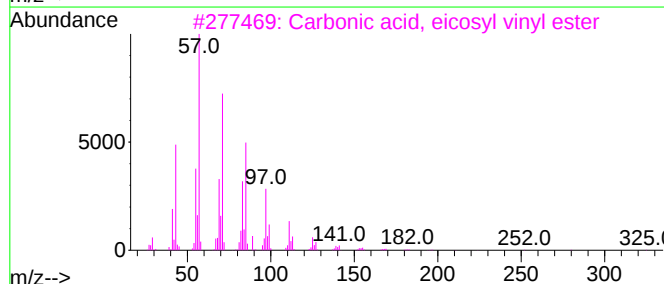
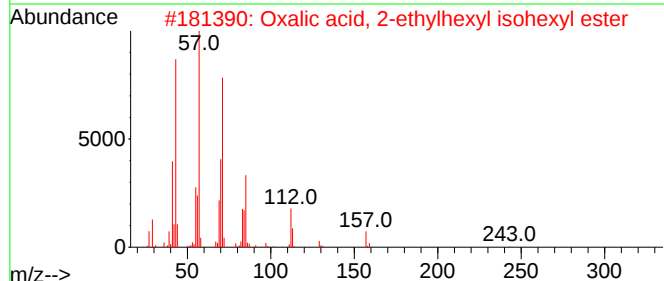
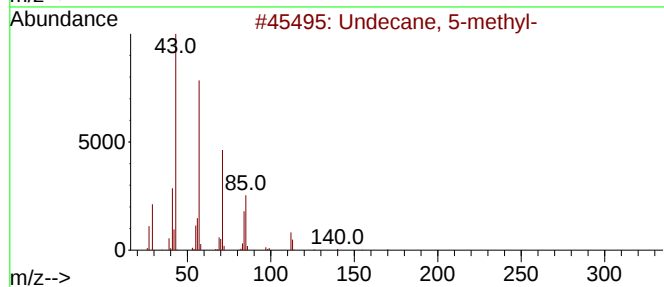
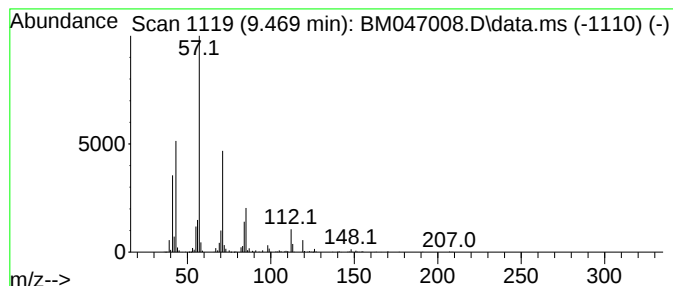
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Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 58

| R.T.  | EstConc    | Area    | Relative to ISTD | R.T.   |
|-------|------------|---------|------------------|--------|
| 9.469 | 4.31 ng/ul | 1353700 | Naphthalene-d8   | 10.151 |

| Hit# | of 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|------|-------------------------------------|-----|-----------|--------------|------|
| 1    |      | Undecane, 5-methyl-                 | 170 | C12H26    | 001632-70-8  | 74   |
| 2    |      | Oxalic acid, 2-ethylhexyl isohex... | 286 | C16H30O4  | 1000309-38-8 | 64   |
| 3    |      | Carbonic acid, eicosyl vinyl ester  | 368 | C23H44O3  | 1000382-54-3 | 59   |
| 4    |      | Dodecane, 2,6,10-trimethyl-         | 212 | C15H32    | 003891-98-3  | 53   |
| 5    |      | Sulfurous acid, butyl nonyl ester   | 264 | C13H28O3S | 1000309-17-6 | 53   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM080524\  
Data File : BM047008.D  
Acq On : 06 Aug 2024 02:06  
Operator : RC/JU  
Sample : P3171-12  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DCVX5

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM080224.MA.M  
Quant Title : SVOA CALIBRATION

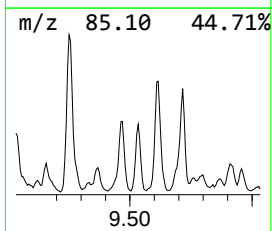
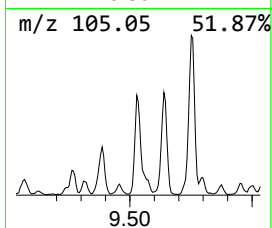
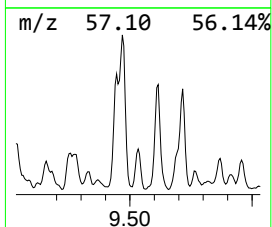
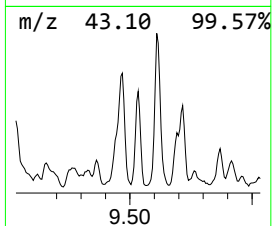
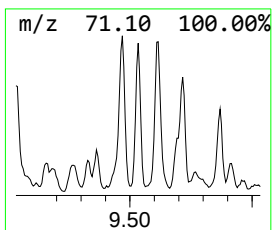
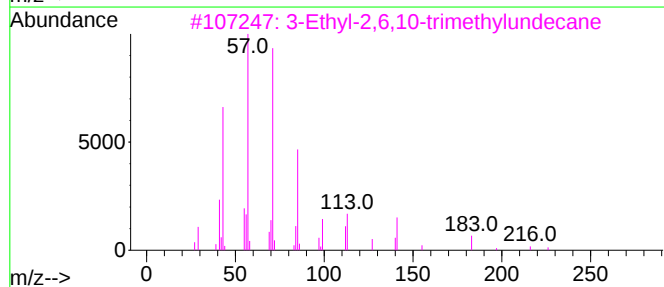
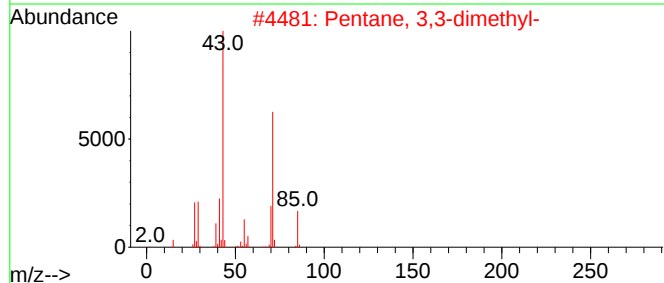
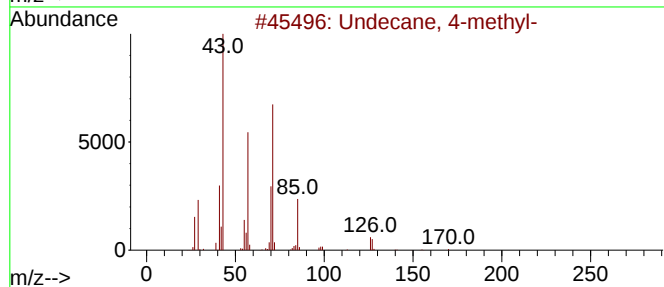
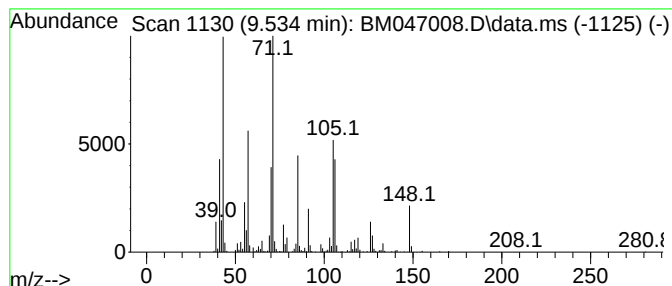
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 64

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.   |
|-------|------------|--------|------------------|--------|
| 9.534 | 2.38 ng/ul | 748917 | Naphthalene-d8   | 10.151 |

| Hit# | of | 5 | Tentative ID                     | MW  | MolForm | CAS#         | Qual |
|------|----|---|----------------------------------|-----|---------|--------------|------|
| 1    |    |   | Undecane, 4-methyl-              | 170 | C12H26  | 002980-69-0  | 53   |
| 2    |    |   | Pentane, 3,3-dimethyl-           | 100 | C7H16   | 000562-49-2  | 43   |
| 3    |    |   | 3-Ethyl-2,6,10-trimethylundecane | 226 | C16H34  | 1000432-25-9 | 38   |
| 4    |    |   | Undecane, 4,8-dimethyl-          | 184 | C13H28  | 017301-33-6  | 35   |
| 5    |    |   | 2-Butene, 1-butoxy-3-methyl-     | 142 | C9H18O  | 022094-02-6  | 27   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM080524\  
Data File : BM047008.D  
Acq On : 06 Aug 2024 02:06  
Operator : RC/JU  
Sample : P3171-12  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DCVX5

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM080224.MA.M  
Quant Title : SVOA CALIBRATION

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

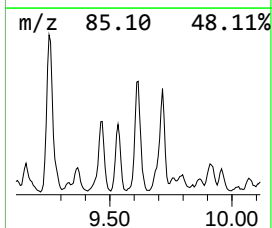
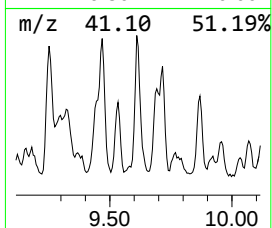
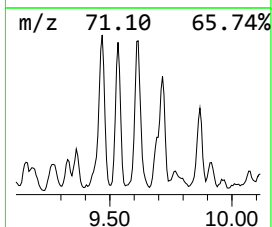
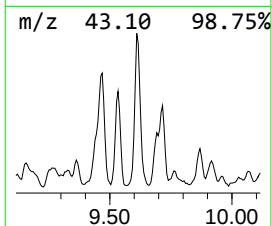
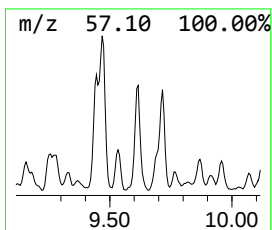
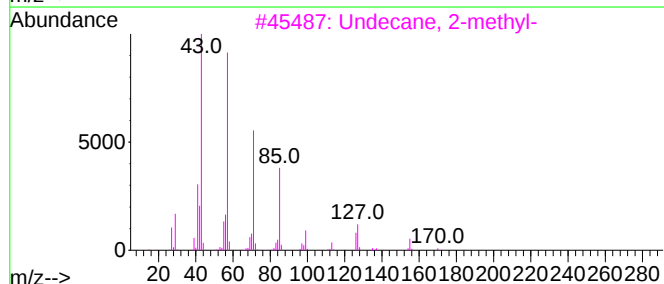
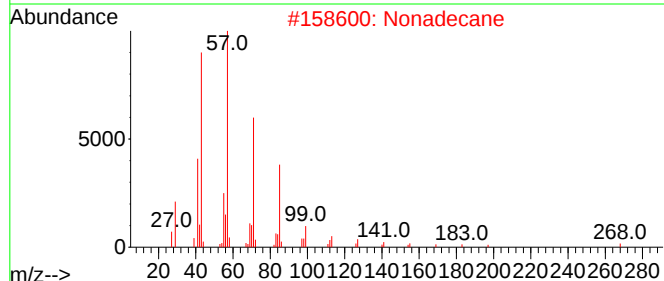
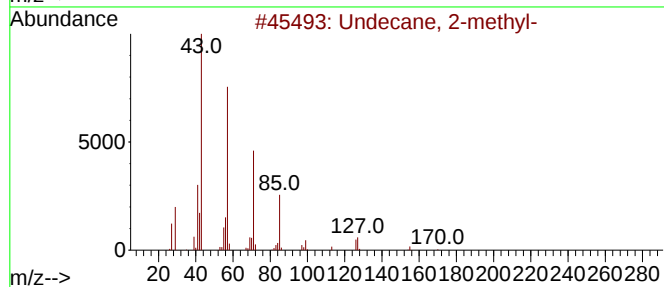
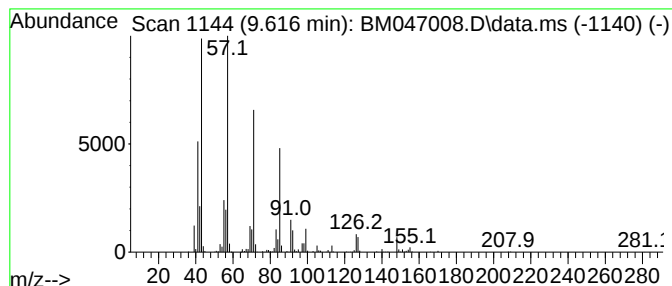
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Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 63

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.   |
|-------|------------|--------|------------------|--------|
| 9.616 | 2.48 ng/ul | 778544 | Naphthalene-d8   | 10.151 |

| Hit# | of 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|------|-------------------------------------|-----|---------|-------------|------|
| 1    |      | Undecane, 2-methyl-                 | 170 | C12H26  | 007045-71-8 | 76   |
| 2    |      | Nonadecane                          | 268 | C19H40  | 000629-92-5 | 74   |
| 3    |      | Undecane, 2-methyl-                 | 170 | C12H26  | 007045-71-8 | 72   |
| 4    |      | Heptadecane                         | 240 | C17H36  | 000629-78-7 | 72   |
| 5    |      | Heptadecane, 2,6,10,15-tetramethyl- | 296 | C21H44  | 054833-48-6 | 64   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM080524\  
Data File : BM047008.D  
Acq On : 06 Aug 2024 02:06  
Operator : RC/JU  
Sample : P3171-12  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DCVX5

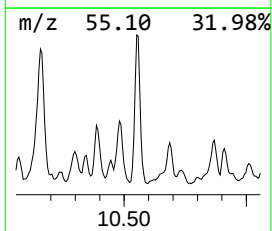
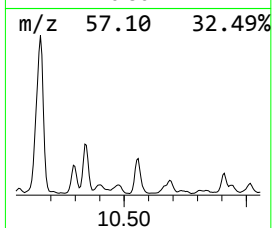
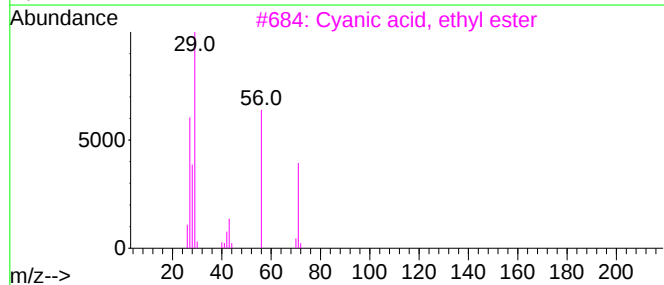
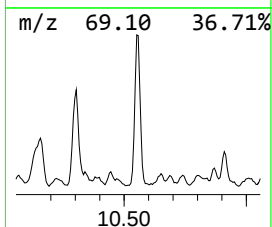
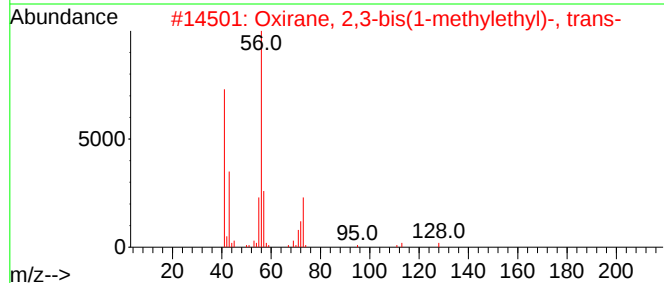
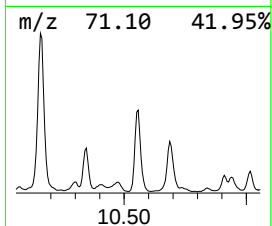
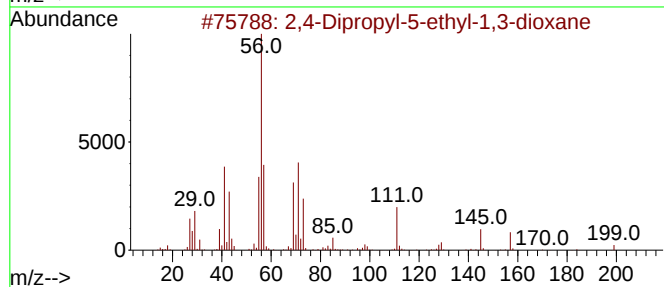
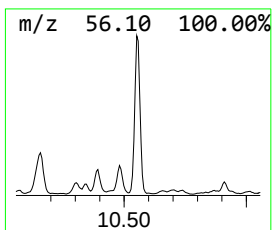
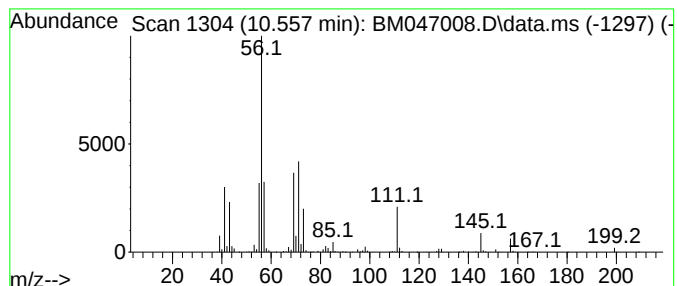
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Quant Title : SVOA CALIBRATION

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

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Peak Number 26 unknown-02 Concentration Rank 37

| R.T.   | EstConc    | Area    | Relative to ISTD | R.T.   |
|--------|------------|---------|------------------|--------|
| 10.557 | 7.50 ng/ul | 2354440 | Naphthalene-d8   | 10.151 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | 2,4-Dipropyl-5-ethyl-1,3-dioxane    | 200 | C12H24O2 | 006413-83-8 | 47   |
| 2    |    |   | Oxirane, 2,3-bis(1-methylethyl)-... | 128 | C8H16O   | 054644-32-5 | 43   |
| 3    |    |   | Cyanoic acid, ethyl ester           | 71  | C3H5NO   | 000627-48-5 | 40   |
| 4    |    |   | Ethane, isocyanato-                 | 71  | C3H5NO   | 000109-90-0 | 33   |
| 5    |    |   | 1,3-Pentanediol, 2,2,4-trimethyl-   | 146 | C8H18O2  | 000144-19-4 | 28   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM080524\  
Data File : BM047008.D  
Acq On : 06 Aug 2024 02:06  
Operator : RC/JU  
Sample : P3171-12  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DCVX5

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM080224.MA.M  
Quant Title : SVOA CALIBRATION

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

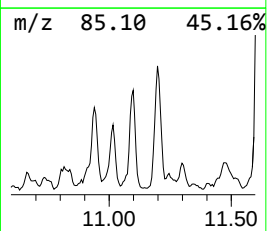
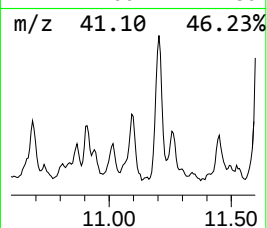
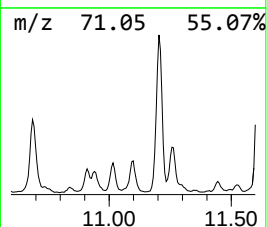
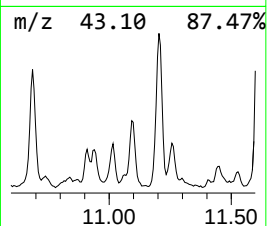
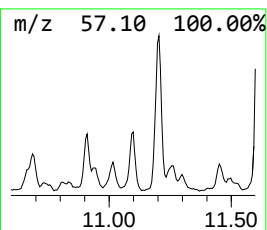
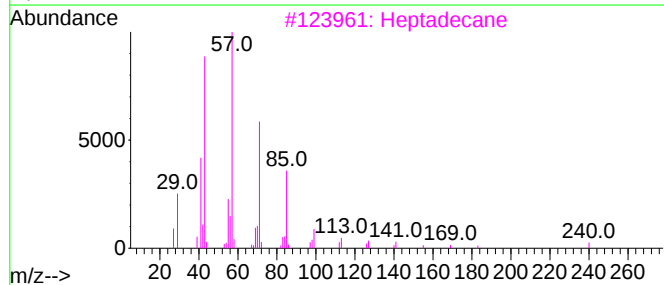
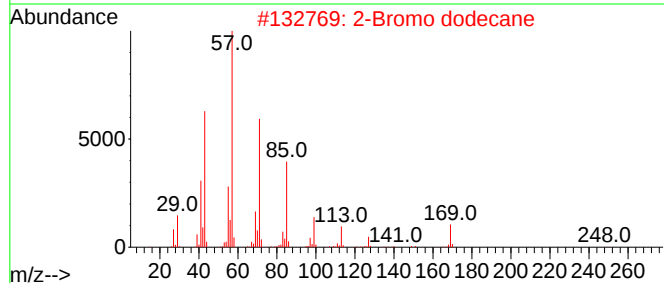
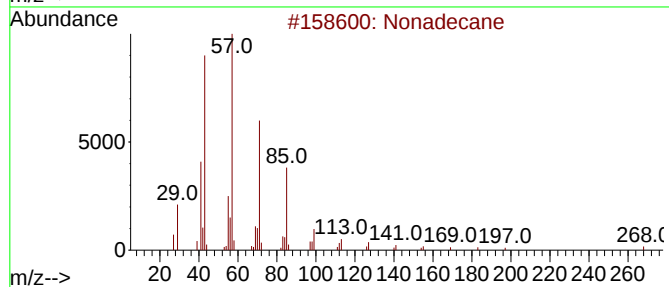
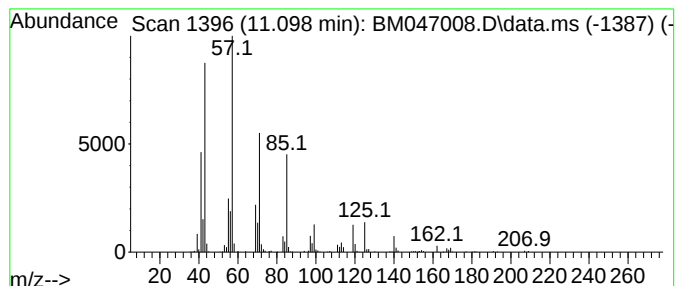
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Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 62

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 11.098 | 2.55 ng/ul | 801530 | Naphthalene-d8   | 10.151 |

| Hit# | of 5 | Tentative ID                 | MW  | MolForm  | CAS#        | Qual |
|------|------|------------------------------|-----|----------|-------------|------|
| 1    |      | Nonadecane                   | 268 | C19H40   | 000629-92-5 | 64   |
| 2    |      | 2-Bromo dodecane             | 248 | C12H25Br | 013187-99-0 | 64   |
| 3    |      | Heptadecane                  | 240 | C17H36   | 000629-78-7 | 64   |
| 4    |      | Dodecane, 2-methyl-6-propyl- | 226 | C16H34   | 055045-08-4 | 64   |
| 5    |      | 1-Iodoundecane               | 282 | C11H23I  | 004282-44-4 | 64   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM080524\  
Data File : BM047008.D  
Acq On : 06 Aug 2024 02:06  
Operator : RC/JU  
Sample : P3171-12  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DCVX5

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM080224.MA.M  
Quant Title : SVOA CALIBRATION

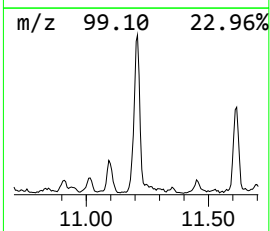
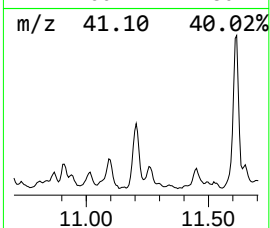
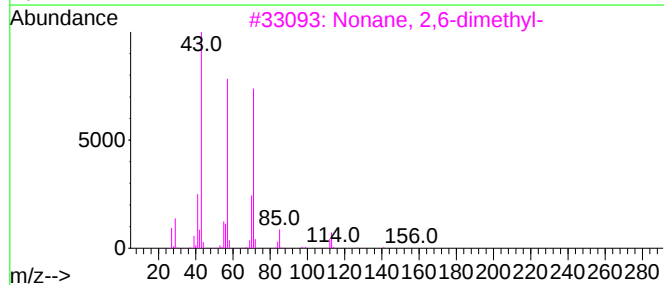
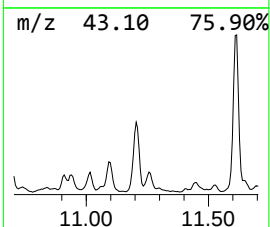
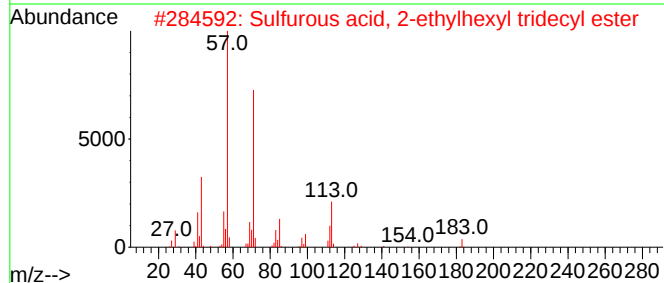
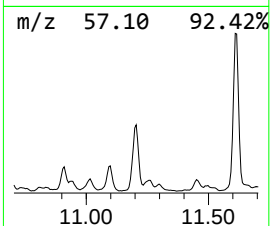
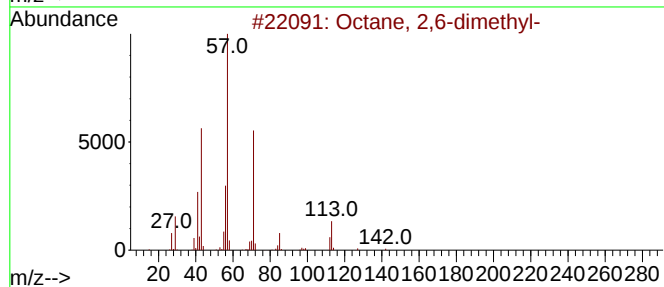
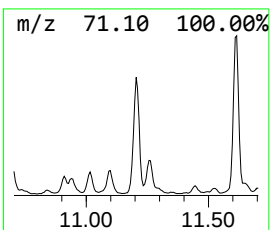
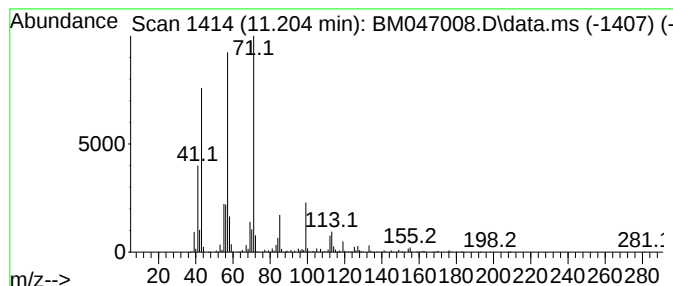
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 46

| R.T.   | EstConc    | Area    | Relative to ISTD | R.T.   |
|--------|------------|---------|------------------|--------|
| 11.204 | 6.10 ng/ul | 1916590 | Naphthalene-d8   | 10.151 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | Octane, 2,6-dimethyl-               | 142 | C10H22    | 002051-30-1  | 80   |
| 2    |    |   | Sulfurous acid, 2-ethylhexyl tri... | 376 | C21H44O3S | 1000309-19-6 | 64   |
| 3    |    |   | Nonane, 2,6-dimethyl-               | 156 | C11H24    | 017302-28-2  | 59   |
| 4    |    |   | Sulfurous acid, 2-ethylhexyl pen... | 264 | C13H28O3S | 1000309-18-9 | 53   |
| 5    |    |   | Nonane, 2,3-dimethyl-               | 156 | C11H24    | 002884-06-2  | 53   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM080524\  
Data File : BM047008.D  
Acq On : 06 Aug 2024 02:06  
Operator : RC/JU  
Sample : P3171-12  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DCVX5

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM080224.MA.M  
Quant Title : SVOA CALIBRATION

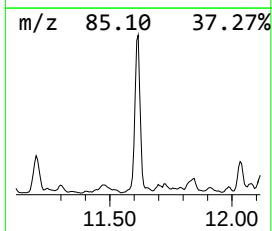
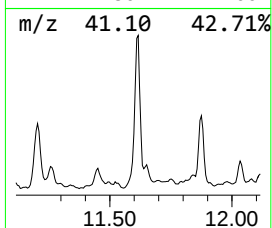
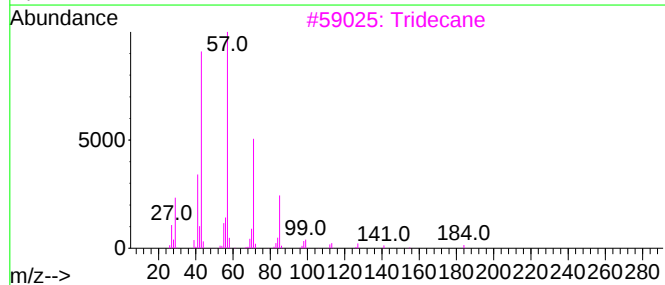
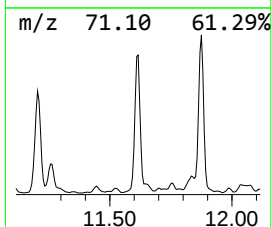
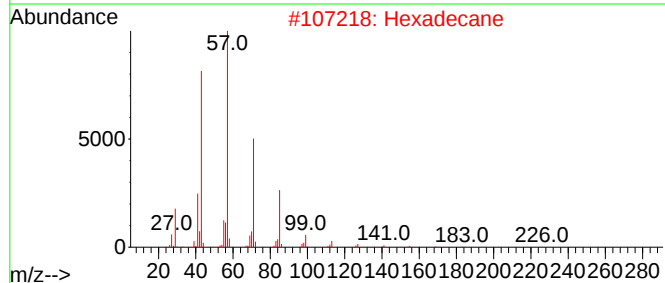
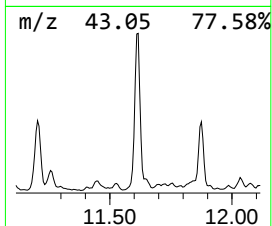
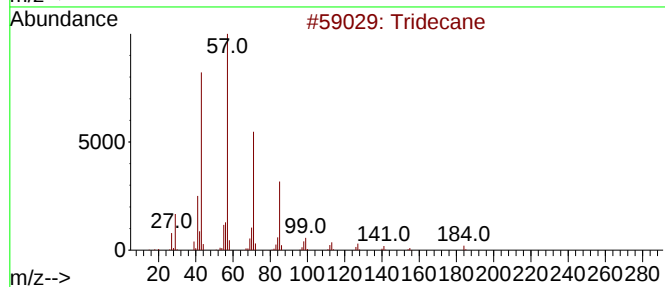
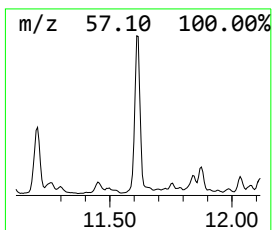
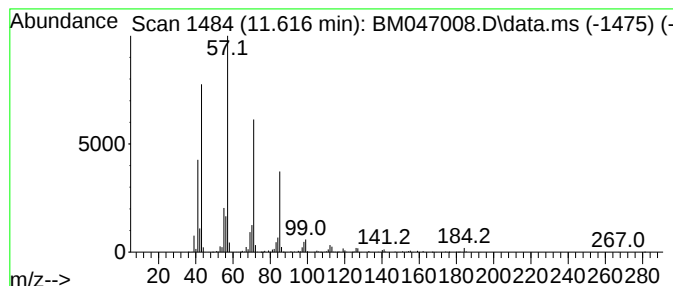
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 24

| R.T.   | EstConc     | Area    | Relative to ISTD | R.T.   |
|--------|-------------|---------|------------------|--------|
| 11.616 | 10.46 ng/ul | 3286770 | Naphthalene-d8   | 10.151 |

| Hit# | of 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|------|--------------|-----|---------|-------------|------|
| 1    |      | Tridecane    | 184 | C13H28  | 000629-50-5 | 93   |
| 2    |      | Hexadecane   | 226 | C16H34  | 000544-76-3 | 90   |
| 3    |      | Tridecane    | 184 | C13H28  | 000629-50-5 | 87   |
| 4    |      | Hexadecane   | 226 | C16H34  | 000544-76-3 | 86   |
| 5    |      | Tetradecane  | 198 | C14H30  | 000629-59-4 | 86   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM080524\  
Data File : BM047008.D  
Acq On : 06 Aug 2024 02:06  
Operator : RC/JU  
Sample : P3171-12  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DCVX5

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM080224.MA.M  
Quant Title : SVOA CALIBRATION

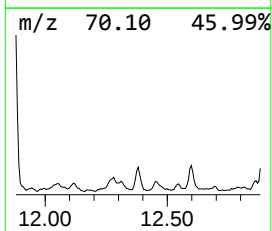
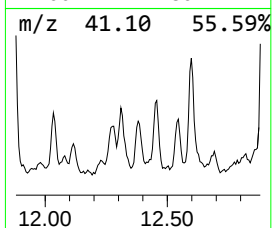
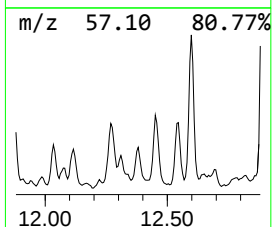
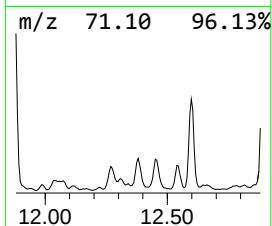
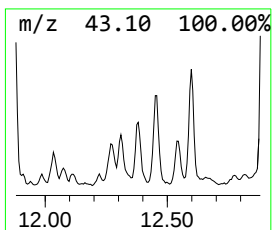
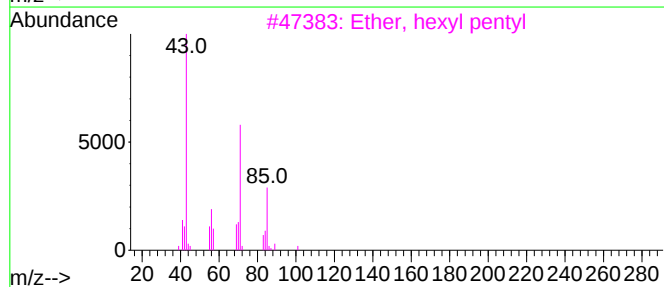
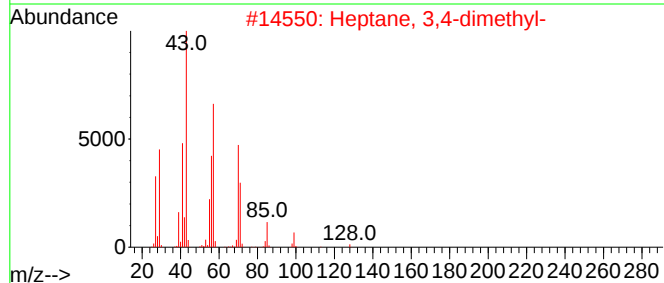
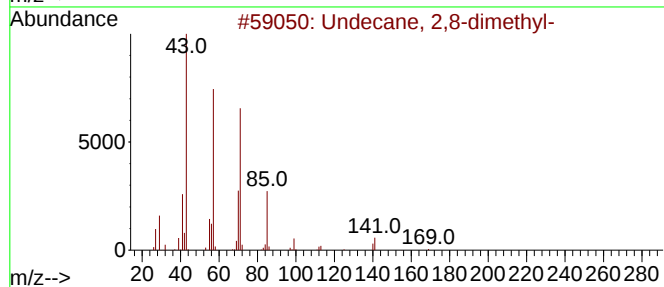
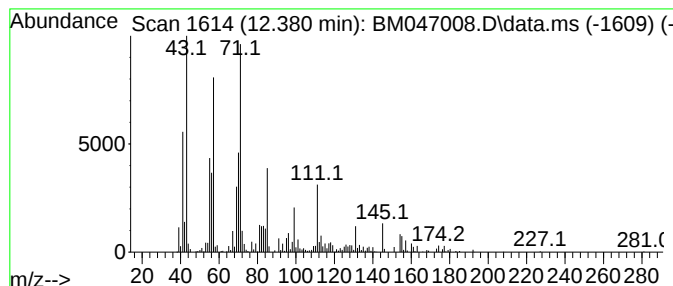
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TIC Integration Parameters: LSCINT.P

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Peak Number 32 (DEL) Alkane: Straight-Chai... Concentration Rank 56

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 12.380 | 4.97 ng/ul | 637503 | Acenaphthene-d10 | 14.051 |

| Hit# | of | 5 | Tentative ID            | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------|-----|---------|-------------|------|
| 1    |    |   | Undecane, 2,8-dimethyl- | 184 | C13H28  | 017301-25-6 | 50   |
| 2    |    |   | Heptane, 3,4-dimethyl-  | 128 | C9H20   | 000922-28-1 | 47   |
| 3    |    |   | Ether, hexyl pentyl     | 172 | C11H24O | 032357-83-8 | 47   |
| 4    |    |   | Undecane, 3-ethyl-      | 184 | C13H28  | 017312-58-2 | 38   |
| 5    |    |   | Heptane, 2,4-dimethyl-  | 128 | C9H20   | 002213-23-2 | 38   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM080524\  
Data File : BM047008.D  
Acq On : 06 Aug 2024 02:06  
Operator : RC/JU  
Sample : P3171-12  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DCVX5

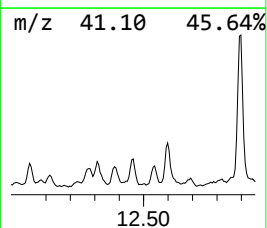
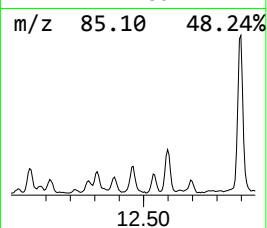
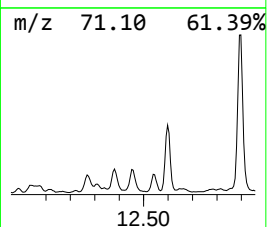
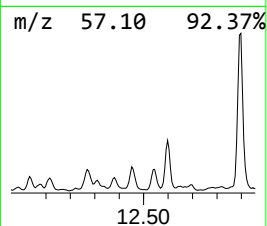
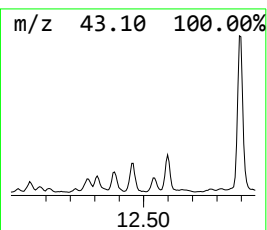
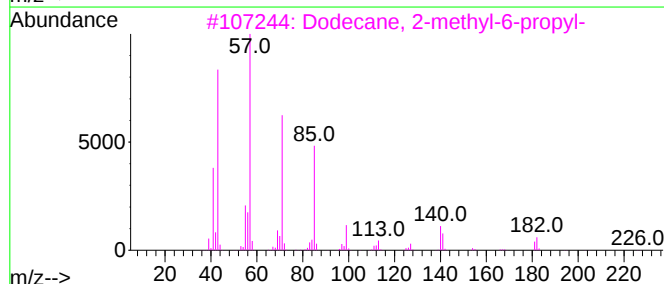
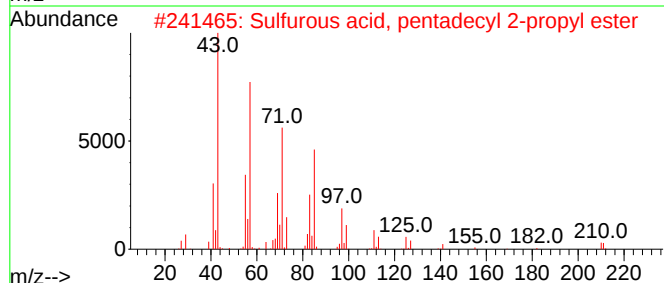
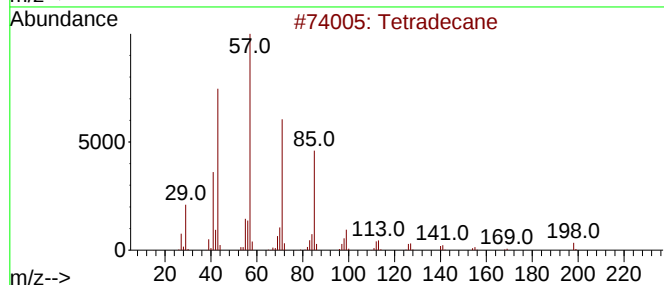
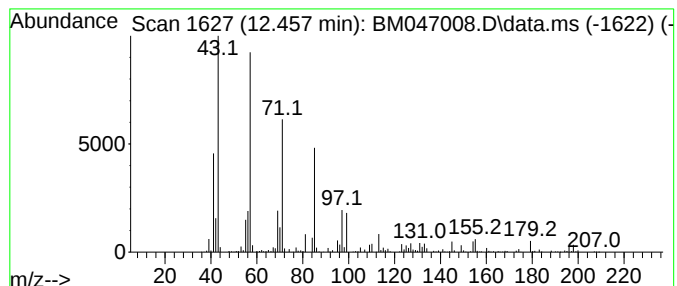
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Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 33 (DEL) Alkane: Straight-Chai... Concentration Rank 54

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 12.457 | 5.17 ng/ul | 662337 | Acenaphthene-d10 | 14.051 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | Tetradecane                         | 198 | C14H30    | 000629-59-4  | 89   |
| 2    |    |   | Sulfurous acid, pentadecyl 2-pro... | 334 | C18H38O3S | 1000309-12-6 | 78   |
| 3    |    |   | Dodecane, 2-methyl-6-propyl-        | 226 | C16H34    | 055045-08-4  | 59   |
| 4    |    |   | Tetradecane                         | 198 | C14H30    | 000629-59-4  | 52   |
| 5    |    |   | Dotriacontane                       | 451 | C32H66    | 000544-85-4  | 50   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM080524\  
Data File : BM047008.D  
Acq On : 06 Aug 2024 02:06  
Operator : RC/JU  
Sample : P3171-12  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DCVX5

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM080224.MA.M  
Quant Title : SVOA CALIBRATION

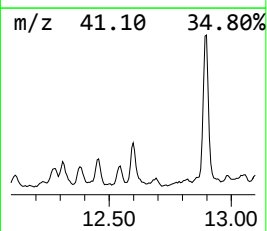
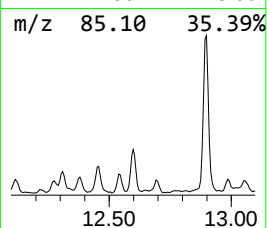
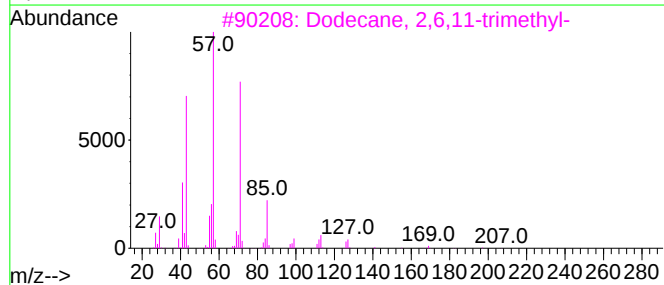
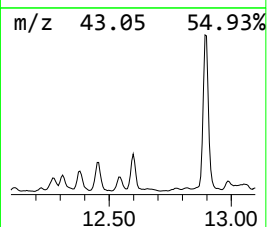
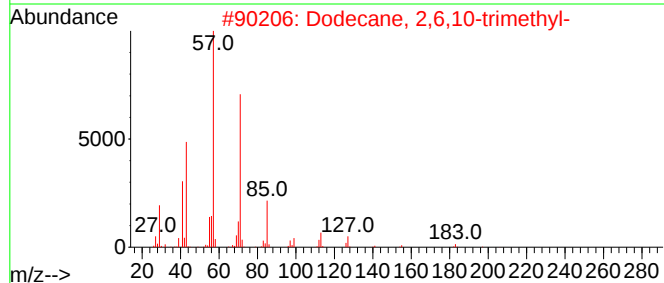
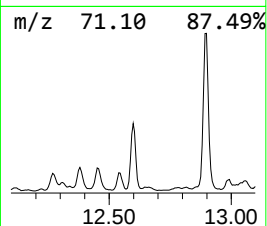
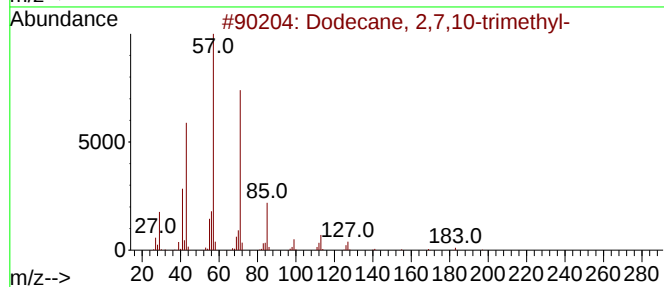
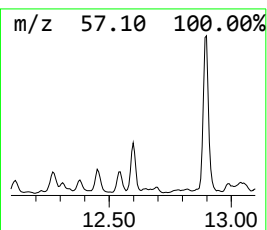
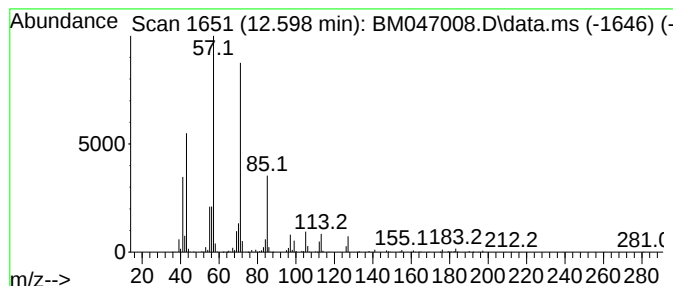
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 34 (DEL) Alkane: Straight-Chai... Concentration Rank 26

| R.T.   | EstConc    | Area    | Relative to ISTD | R.T.   |
|--------|------------|---------|------------------|--------|
| 12.598 | 9.69 ng/ul | 1242350 | Acenaphthene-d10 | 14.051 |

| Hit# | of 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|------|-------------------------------------|-----|-----------|--------------|------|
| 1    |      | Dodecane, 2,7,10-trimethyl-         | 212 | C15H32    | 074645-98-0  | 86   |
| 2    |      | Dodecane, 2,6,10-trimethyl-         | 212 | C15H32    | 003891-98-3  | 86   |
| 3    |      | Dodecane, 2,6,11-trimethyl-         | 212 | C15H32    | 031295-56-4  | 78   |
| 4    |      | Sulfurous acid, 2-ethylhexyl pen... | 264 | C13H28O3S | 1000309-18-9 | 53   |
| 5    |      | Nonane, 5-(2-methylpropyl)-         | 184 | C13H28    | 062185-53-9  | 53   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM080524\  
Data File : BM047008.D  
Acq On : 06 Aug 2024 02:06  
Operator : RC/JU  
Sample : P3171-12  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DCVX5

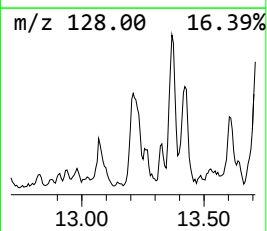
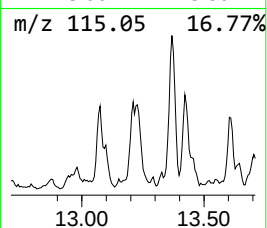
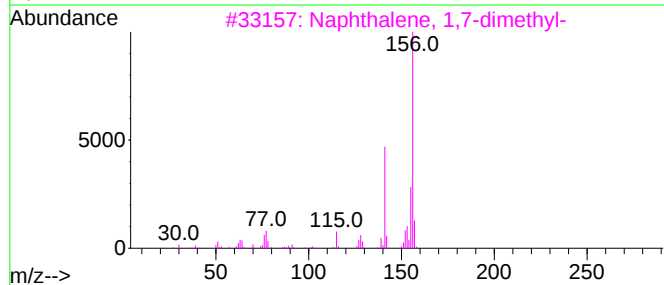
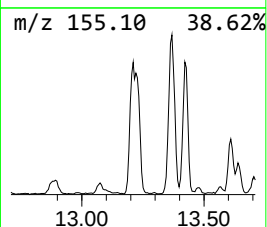
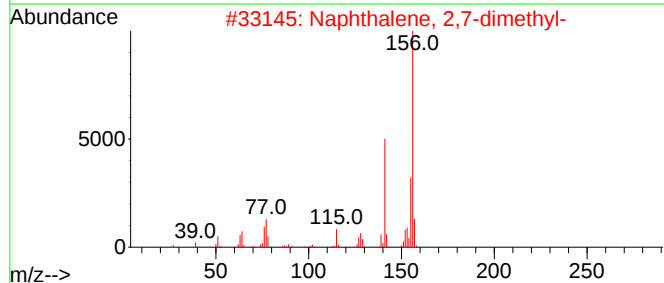
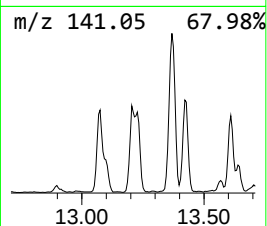
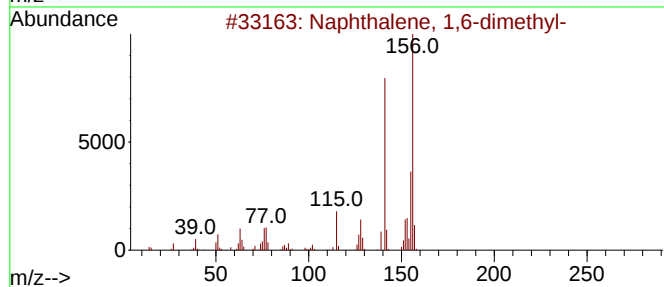
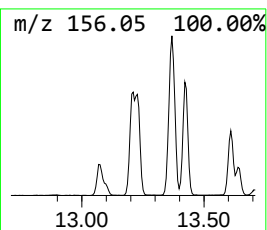
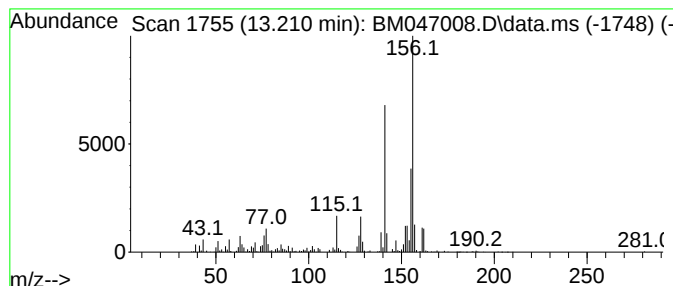
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Quant Title : SVOA CALIBRATION

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

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Peak Number 35 Naphthalene, 1,6-dimethyl- Concentration Rank 34

| R.T.   | EstConc    | Area    | Relative to ISTD | R.T.   |
|--------|------------|---------|------------------|--------|
| 13.210 | 8.21 ng/ul | 1052090 | Acenaphthene-d10 | 14.051 |

| Hit# | of | 5 | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------|-----|---------|-------------|------|
| 1    |    |   | Naphthalene, 1,6-dimethyl- | 156 | C12H12  | 000575-43-9 | 96   |
| 2    |    |   | Naphthalene, 2,7-dimethyl- | 156 | C12H12  | 000582-16-1 | 96   |
| 3    |    |   | Naphthalene, 1,7-dimethyl- | 156 | C12H12  | 000575-37-1 | 96   |
| 4    |    |   | Naphthalene, 1,6-dimethyl- | 156 | C12H12  | 000575-43-9 | 96   |
| 5    |    |   | Naphthalene, 2,6-dimethyl- | 156 | C12H12  | 000581-42-0 | 95   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM080524\  
Data File : BM047008.D  
Acq On : 06 Aug 2024 02:06  
Operator : RC/JU  
Sample : P3171-12  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DCVX5

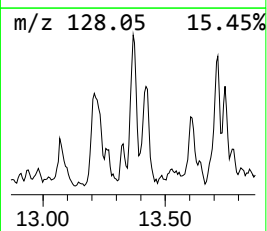
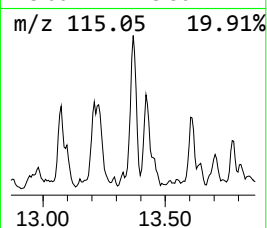
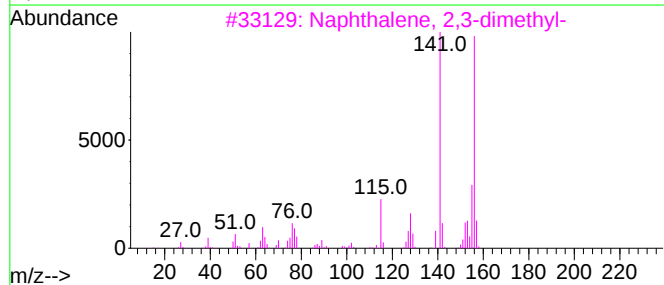
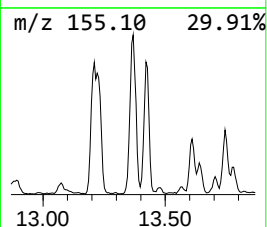
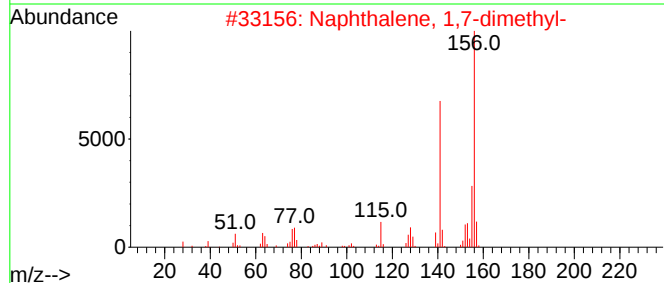
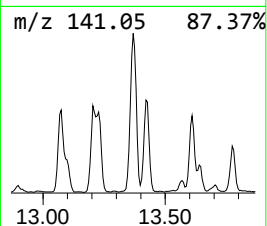
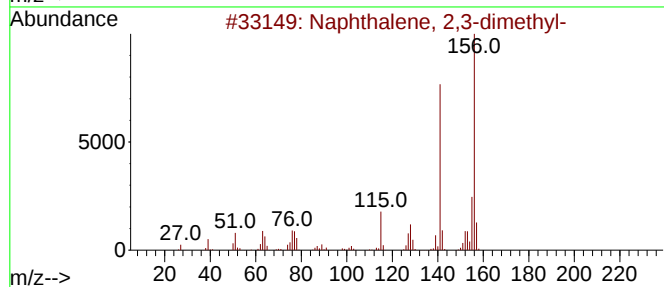
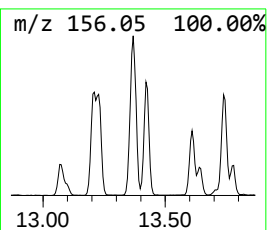
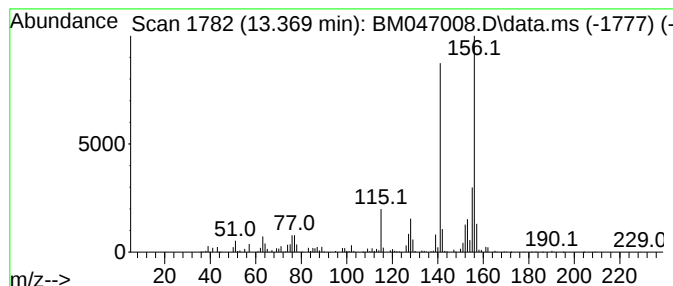
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Quant Title : SVOA CALIBRATION

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

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Peak Number 36 Naphthalene, 2,3-dimethyl- Concentration Rank 27

| R.T.   | EstConc    | Area    | Relative to ISTD | R.T.   |
|--------|------------|---------|------------------|--------|
| 13.369 | 9.49 ng/ul | 1216100 | Acenaphthene-d10 | 14.051 |

| Hit# | of | 5 | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------|-----|---------|-------------|------|
| 1    |    |   | Naphthalene, 2,3-dimethyl- | 156 | C12H12  | 000581-40-8 | 97   |
| 2    |    |   | Naphthalene, 1,7-dimethyl- | 156 | C12H12  | 000575-37-1 | 97   |
| 3    |    |   | Naphthalene, 2,3-dimethyl- | 156 | C12H12  | 000581-40-8 | 97   |
| 4    |    |   | Naphthalene, 1,6-dimethyl- | 156 | C12H12  | 000575-43-9 | 97   |
| 5    |    |   | Naphthalene, 2,3-dimethyl- | 156 | C12H12  | 000581-40-8 | 97   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM080524\  
Data File : BM047008.D  
Acq On : 06 Aug 2024 02:06  
Operator : RC/JU  
Sample : P3171-12  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DCVX5

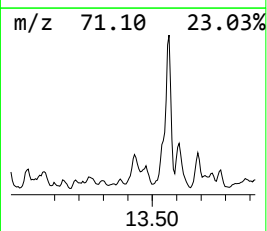
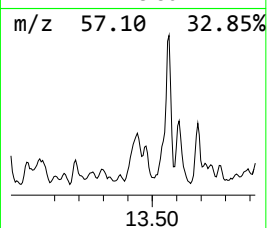
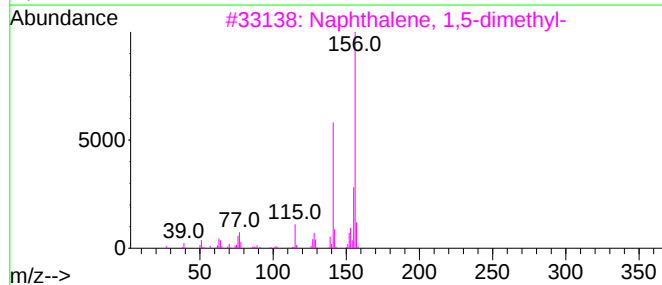
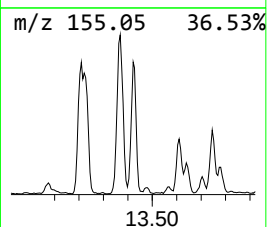
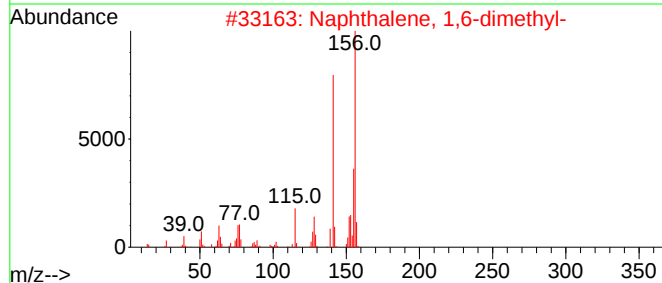
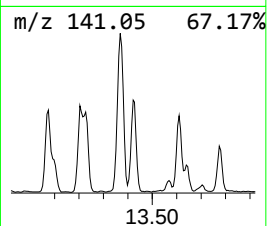
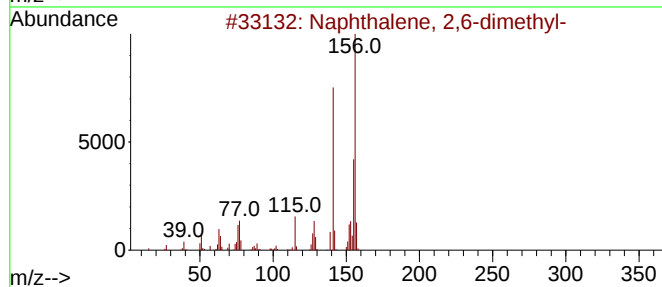
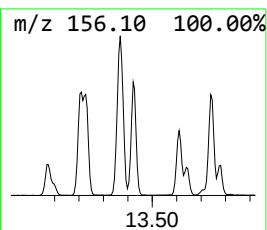
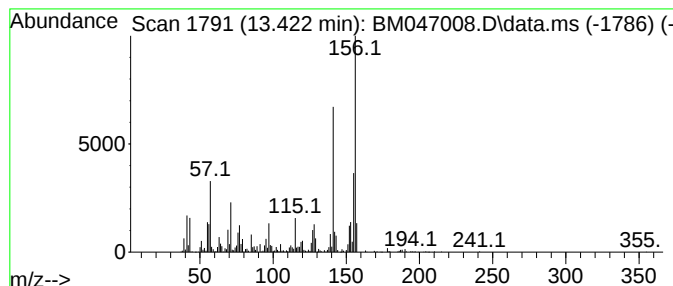
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Quant Title : SVOA CALIBRATION

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

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Peak Number 37 Naphthalene, 2,6-dimethyl- Concentration Rank 22

| R.T.   | EstConc     | Area    | Relative to ISTD | R.T.   |
|--------|-------------|---------|------------------|--------|
| 13.422 | 10.82 ng/ul | 1386490 | Acenaphthene-d10 | 14.051 |

| Hit# | of | 5 | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------|-----|---------|-------------|------|
| 1    |    |   | Naphthalene, 2,6-dimethyl- | 156 | C12H12  | 000581-42-0 | 98   |
| 2    |    |   | Naphthalene, 1,6-dimethyl- | 156 | C12H12  | 000575-43-9 | 97   |
| 3    |    |   | Naphthalene, 1,5-dimethyl- | 156 | C12H12  | 000571-61-9 | 96   |
| 4    |    |   | Naphthalene, 2,7-dimethyl- | 156 | C12H12  | 000582-16-1 | 96   |
| 5    |    |   | Naphthalene, 2,6-dimethyl- | 156 | C12H12  | 000581-42-0 | 96   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM080524\  
Data File : BM047008.D  
Acq On : 06 Aug 2024 02:06  
Operator : RC/JU  
Sample : P3171-12  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DCVX5

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM080224.MA.M  
Quant Title : SVOA CALIBRATION

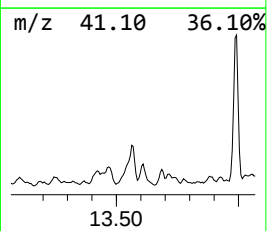
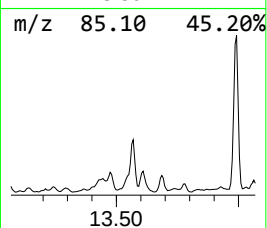
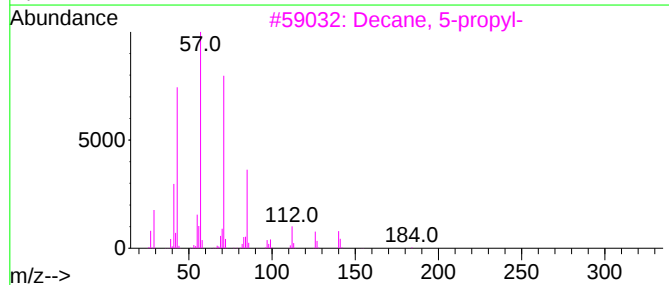
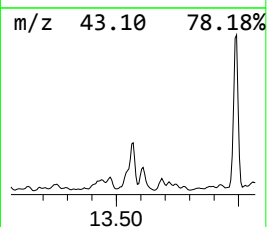
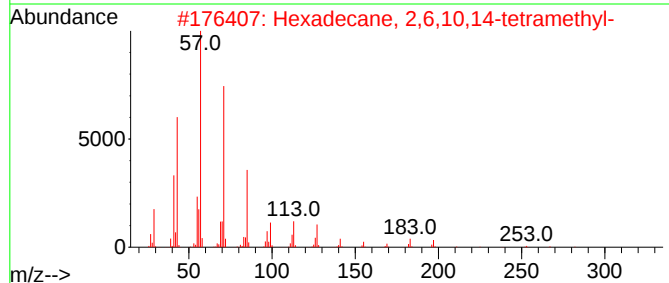
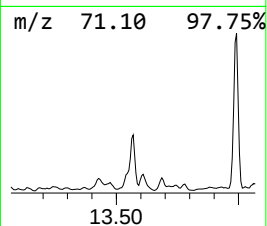
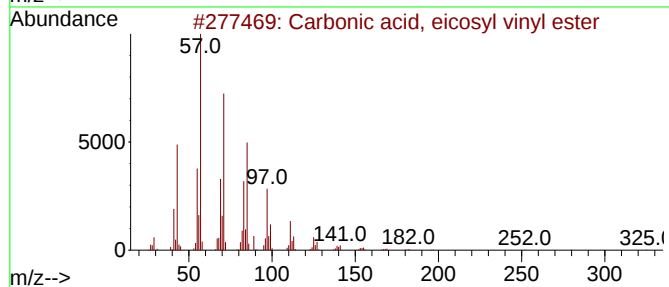
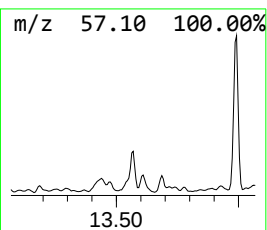
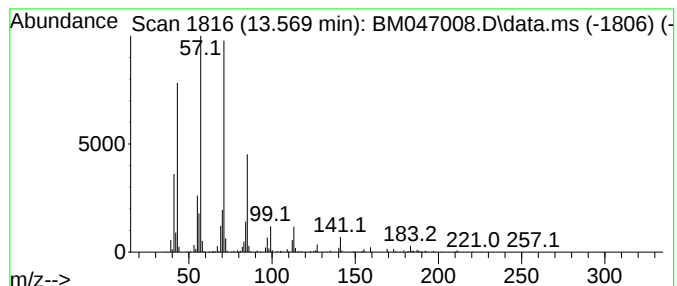
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 38 Carbonic acid, eicosyl vinyl... Concentration Rank 16

| R.T.   | EstConc     | Area    | Relative to ISTD | R.T.   |
|--------|-------------|---------|------------------|--------|
| 13.569 | 13.29 ng/ul | 1702580 | Acenaphthene-d10 | 14.051 |

| Hit# | of | 5 | Tentative ID                       | MW  | MolForm  | CAS#         | Qual |
|------|----|---|------------------------------------|-----|----------|--------------|------|
| 1    |    |   | Carbonic acid, eicosyl vinyl ester | 368 | C23H44O3 | 1000382-54-3 | 90   |
| 2    |    |   | Hexadecane, 2,6,10,14-tetramethyl- | 282 | C20H42   | 000638-36-8  | 80   |
| 3    |    |   | Decane, 5-propyl-                  | 184 | C13H28   | 017312-62-8  | 74   |
| 4    |    |   | Decane, 3,6-dimethyl-              | 170 | C12H26   | 017312-53-7  | 72   |
| 5    |    |   | Dodecane, 4-methyl-                | 184 | C13H28   | 006117-97-1  | 64   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM080524\  
Data File : BM047008.D  
Acq On : 06 Aug 2024 02:06  
Operator : RC/JU  
Sample : P3171-12  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DCVX5

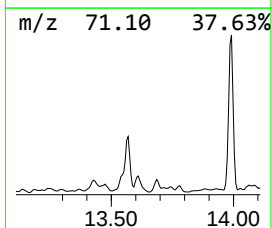
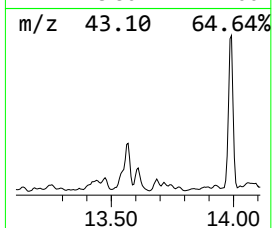
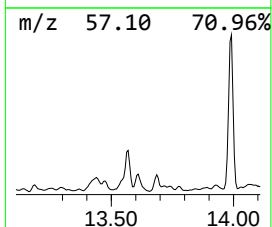
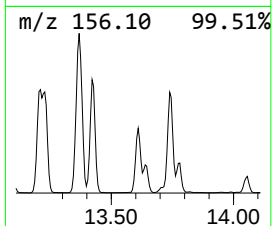
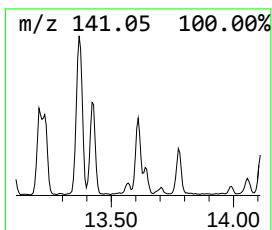
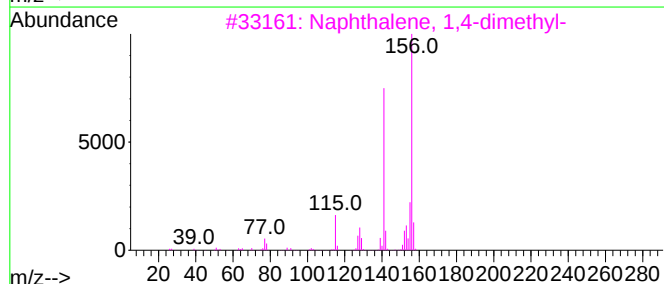
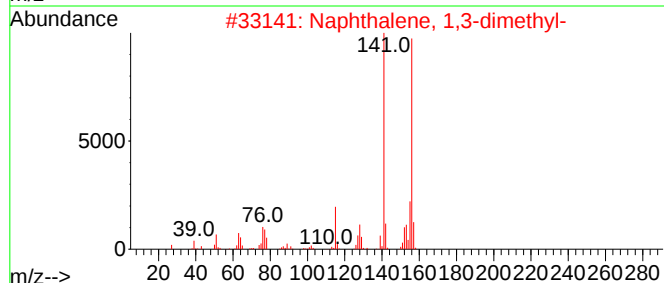
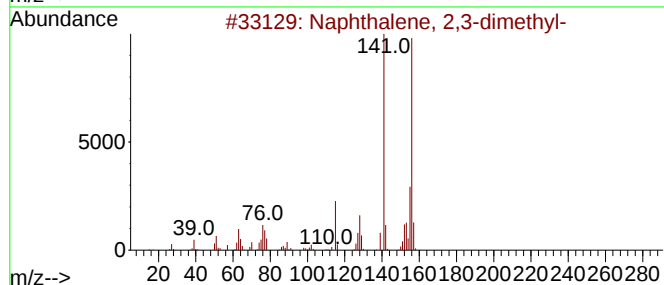
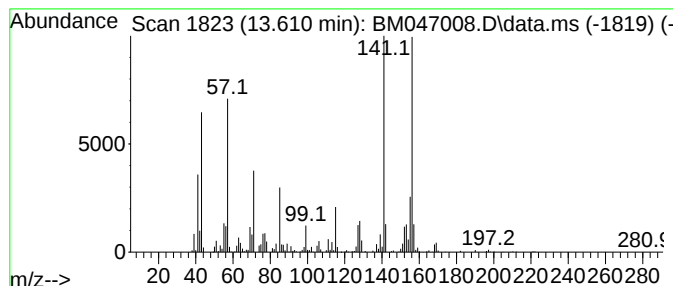
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Quant Title : SVOA CALIBRATION

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

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Peak Number 39 Naphthalene, 1,3-dimethyl- Concentration Rank 52

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 13.610 | 5.56 ng/ul | 712932 | Acenaphthene-d10 | 14.051 |

| Hit# | of | 5 | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------|-----|---------|-------------|------|
| 1    |    |   | Naphthalene, 2,3-dimethyl- | 156 | C12H12  | 000581-40-8 | 98   |
| 2    |    |   | Naphthalene, 1,3-dimethyl- | 156 | C12H12  | 000575-41-7 | 97   |
| 3    |    |   | Naphthalene, 1,4-dimethyl- | 156 | C12H12  | 000571-58-4 | 97   |
| 4    |    |   | Naphthalene, 1,4-dimethyl- | 156 | C12H12  | 000571-58-4 | 96   |
| 5    |    |   | Naphthalene, 1,8-dimethyl- | 156 | C12H12  | 000569-41-5 | 96   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM080524\  
Data File : BM047008.D  
Acq On : 06 Aug 2024 02:06  
Operator : RC/JU  
Sample : P3171-12  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DCVX5

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM080224.MA.M  
Quant Title : SVOA CALIBRATION

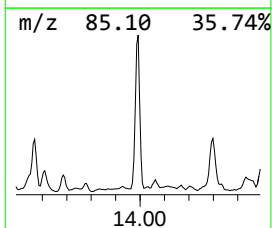
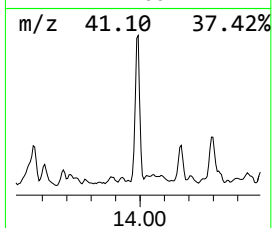
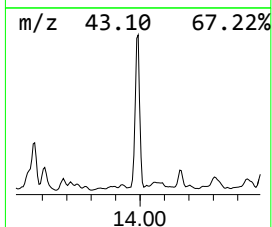
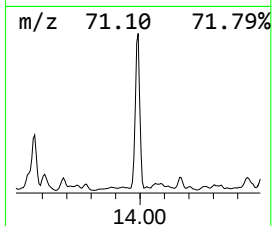
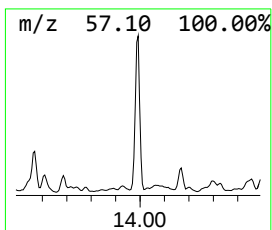
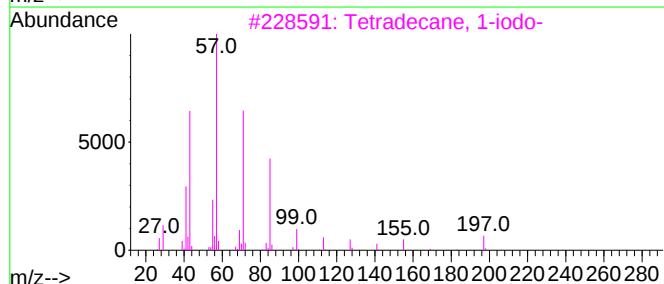
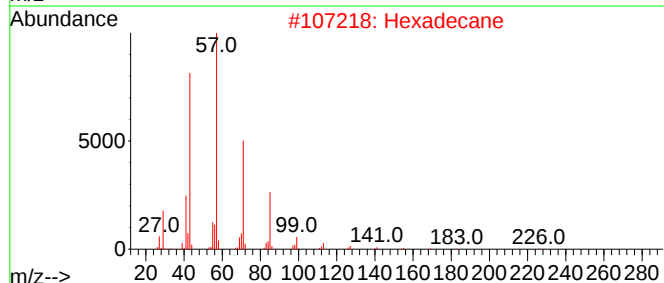
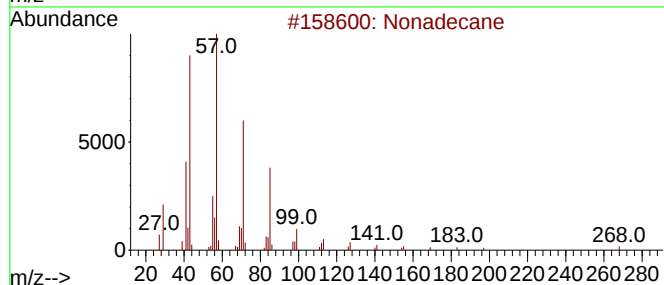
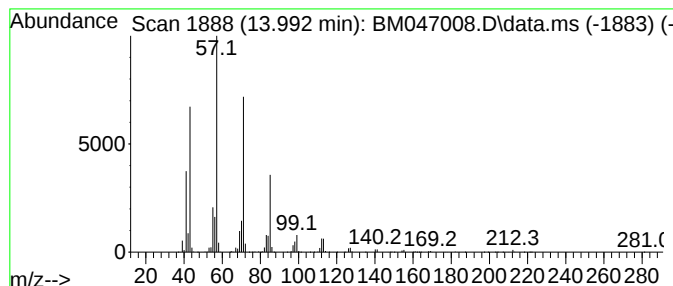
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TIC Integration Parameters: LSCINT.P

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Peak Number 40 (DEL) Alkane: Straight-Chai... Concentration Rank 6

| R.T.   | EstConc     | Area    | Relative to ISTD | R.T.   |
|--------|-------------|---------|------------------|--------|
| 13.992 | 27.15 ng/ul | 3478960 | Acenaphthene-d10 | 14.051 |

| Hit# | of 5 | Tentative ID                     | MW  | MolForm | CAS#         | Qual |
|------|------|----------------------------------|-----|---------|--------------|------|
| 1    |      | Nonadecane                       | 268 | C19H40  | 000629-92-5  | 86   |
| 2    |      | Hexadecane                       | 226 | C16H34  | 000544-76-3  | 86   |
| 3    |      | Tetradecane, 1-iodo-             | 324 | C14H29I | 019218-94-1  | 80   |
| 4    |      | Hexadecane, 7,9-dimethyl-        | 254 | C18H38  | 021164-95-4  | 80   |
| 5    |      | 3-Ethyl-2,6,10-trimethylundecane | 226 | C16H34  | 1000432-25-9 | 78   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM080524\  
Data File : BM047008.D  
Acq On : 06 Aug 2024 02:06  
Operator : RC/JU  
Sample : P3171-12  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DCVX5

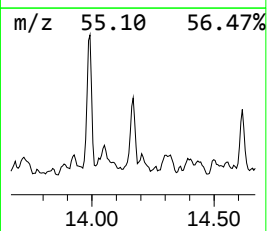
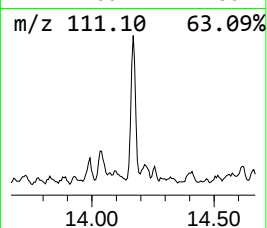
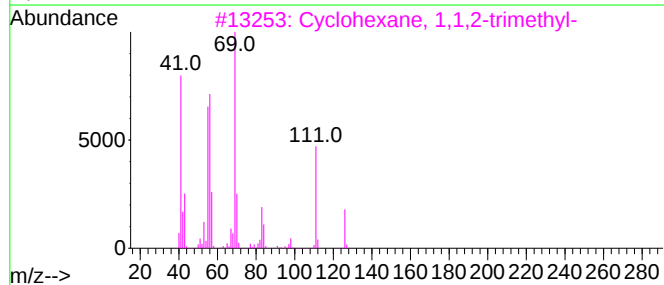
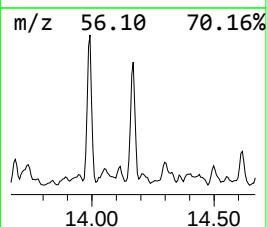
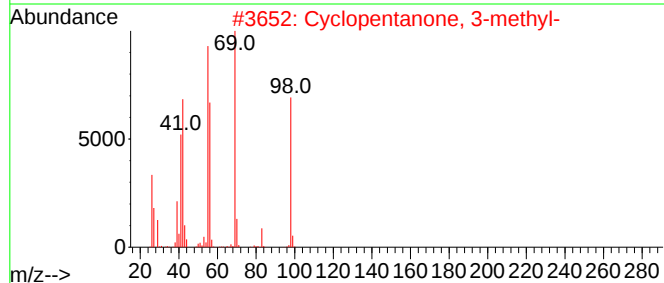
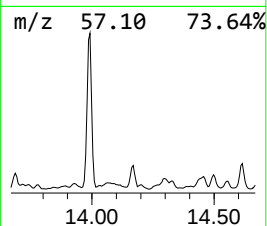
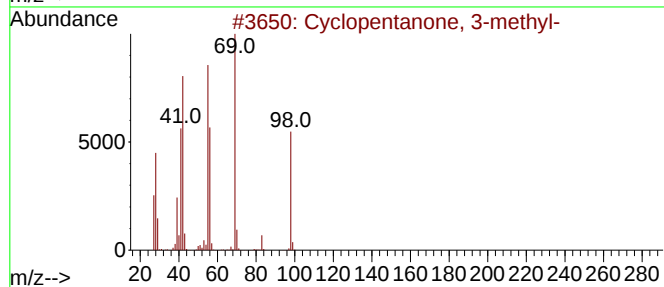
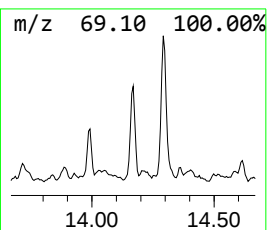
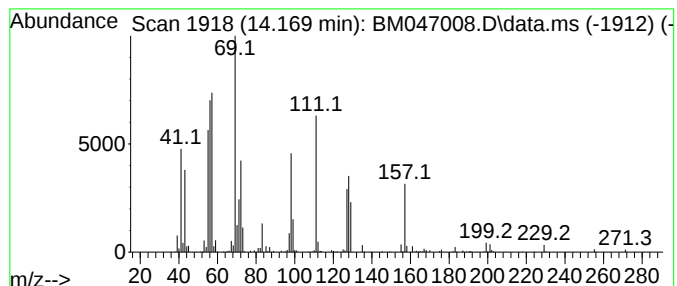
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Quant Title : SVOA CALIBRATION

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

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Peak Number 41 unknown-03 Concentration Rank 23

| R.T.      | EstConc                             | Area    | Relative to ISTD |          | R.T.         |      |
|-----------|-------------------------------------|---------|------------------|----------|--------------|------|
| 14.169    | 10.47 ng/ul                         | 1341600 | Acenaphthene-d10 |          | 14.051       |      |
| Hit# of 5 | Tentative ID                        |         | MW               | MolForm  | CAS#         | Qual |
| 1         | Cyclopentanone, 3-methyl-           |         | 98               | C6H10O   | 001757-42-2  | 43   |
| 2         | Cyclopentanone, 3-methyl-           |         | 98               | C6H10O   | 001757-42-2  | 38   |
| 3         | Cyclohexane, 1,1,2-trimethyl-       |         | 126              | C9H18    | 007094-26-0  | 38   |
| 4         | 2-Pentene-1,4-dione, 1-(1,2,2-tr... |         | 208              | C13H20O2 | 1010196-77-9 | 38   |
| 5         | 4-Methyl-2-hexene,c&t               |         | 98               | C7H14    | 003404-55-5  | 30   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM080524\  
Data File : BM047008.D  
Acq On : 06 Aug 2024 02:06  
Operator : RC/JU  
Sample : P3171-12  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DCVX5

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM080224.MA.M  
Quant Title : SVOA CALIBRATION

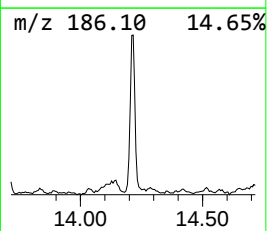
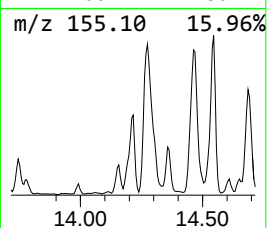
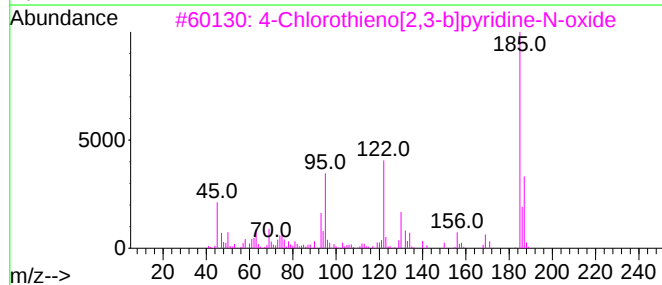
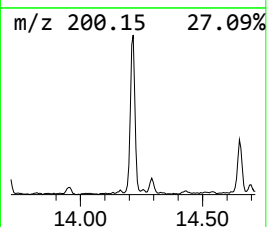
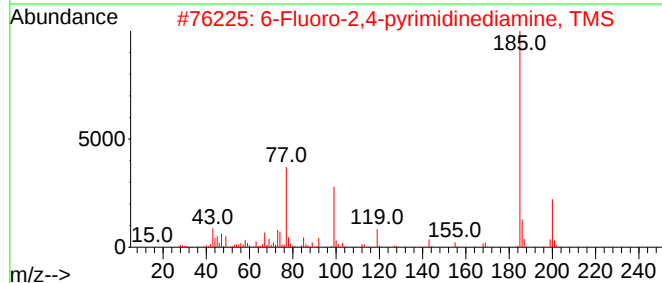
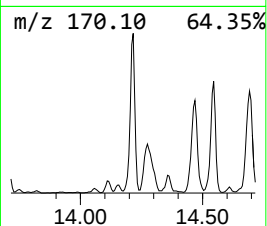
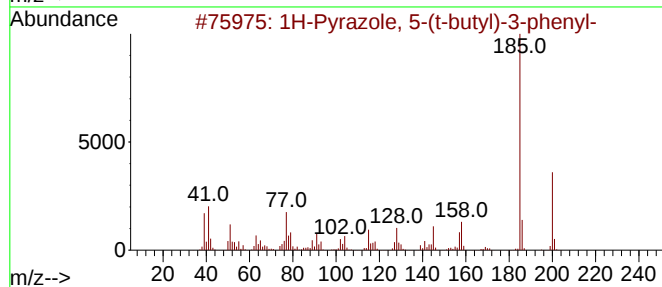
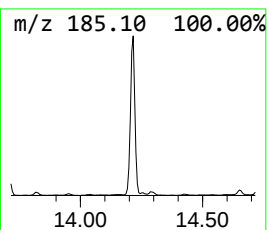
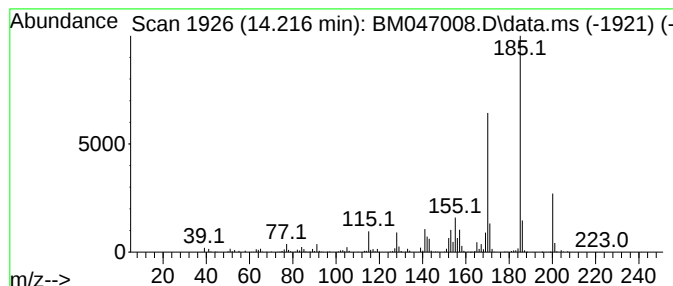
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 42 unknown-04 Concentration Rank 21

| R.T.   | EstConc     | Area    | Relative to ISTD | R.T.   |
|--------|-------------|---------|------------------|--------|
| 14.216 | 11.22 ng/ul | 1437320 | Acenaphthene-d10 | 14.051 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm    | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|------------|--------------|------|
| 1    |    |   | 1H-Pyrazole, 5-(t-butyl)-3-phenyl-  | 200 | C13H16N2   | 1000261-34-8 | 46   |
| 2    |    |   | 6-Fluoro-2,4-pyrimidinediamine, TMS | 200 | C7H13FN4Si | 1000472-66-9 | 43   |
| 3    |    |   | 4-Chlorothieno[2,3-b]pyridine-N...  | 185 | C7H4ClNOS  | 025557-54-4  | 38   |
| 4    |    |   | Naphthalene, 1,6,7-trimethyl-       | 170 | C13H14     | 002245-38-7  | 38   |
| 5    |    |   | 2-Aminodiphenyl ether               | 185 | C12H11NO   | 002688-84-8  | 35   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM080524\  
Data File : BM047008.D  
Acq On : 06 Aug 2024 02:06  
Operator : RC/JU  
Sample : P3171-12  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DCVX5

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM080224.MA.M  
Quant Title : SVOA CALIBRATION

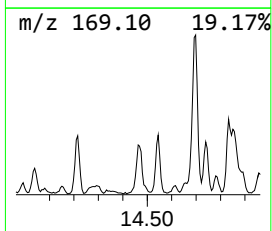
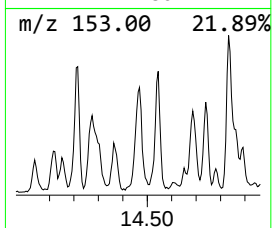
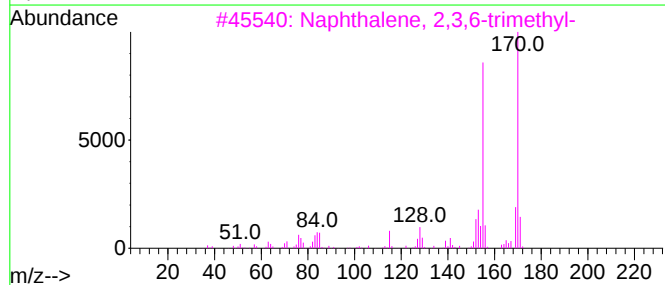
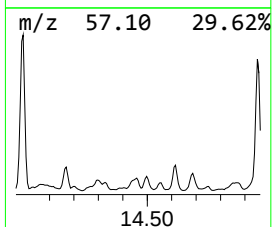
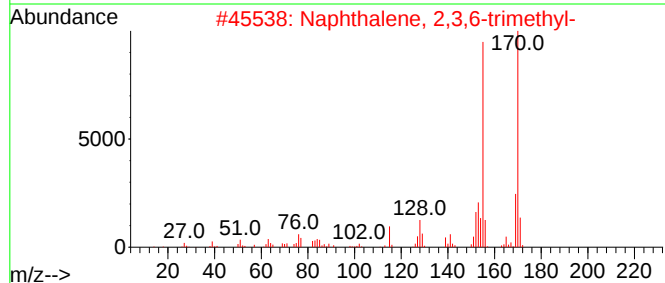
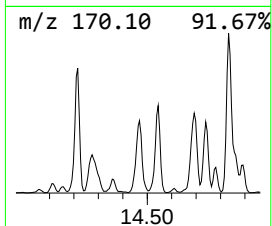
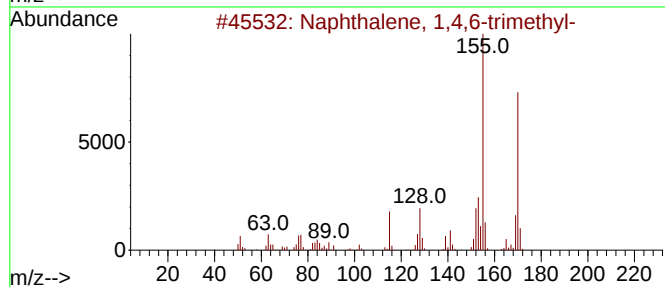
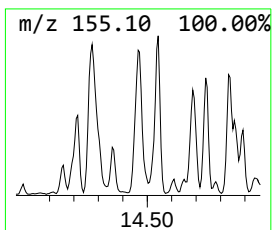
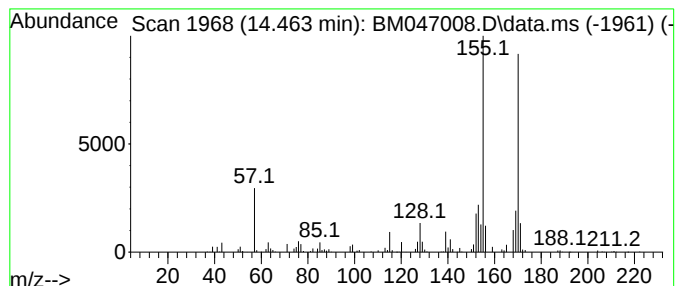
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 43 Naphthalene, 1,4,6-trimethyl- Concentration Rank 55

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 14.463 | 5.15 ng/ul | 659425 | Acenaphthene-d10 | 14.051 |

| Hit# | of 5 | Tentative ID                  | MW  | MolForm | CAS#        | Qual |
|------|------|-------------------------------|-----|---------|-------------|------|
| 1    |      | Naphthalene, 1,4,6-trimethyl- | 170 | C13H14  | 002131-42-2 | 97   |
| 2    |      | Naphthalene, 2,3,6-trimethyl- | 170 | C13H14  | 000829-26-5 | 96   |
| 3    |      | Naphthalene, 2,3,6-trimethyl- | 170 | C13H14  | 000829-26-5 | 95   |
| 4    |      | Naphthalene, 1,6,7-trimethyl- | 170 | C13H14  | 002245-38-7 | 95   |
| 5    |      | Naphthalene, 1,6,7-trimethyl- | 170 | C13H14  | 002245-38-7 | 94   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM080524\  
Data File : BM047008.D  
Acq On : 06 Aug 2024 02:06  
Operator : RC/JU  
Sample : P3171-12  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DCVX5

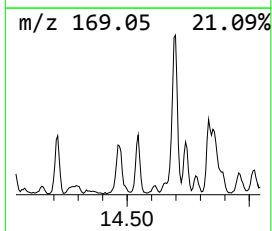
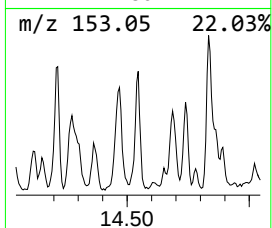
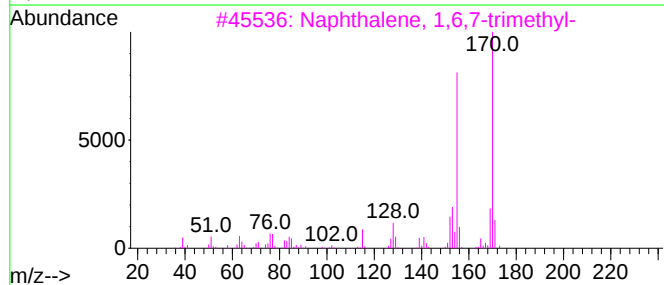
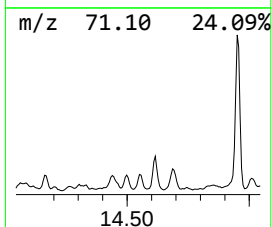
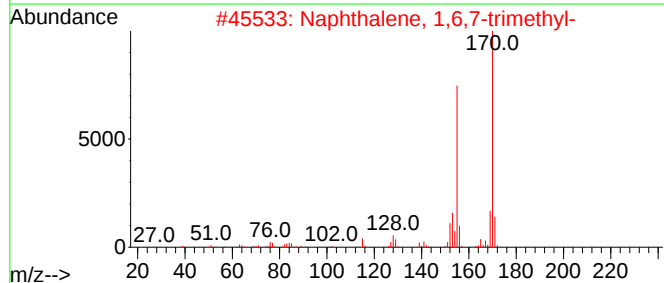
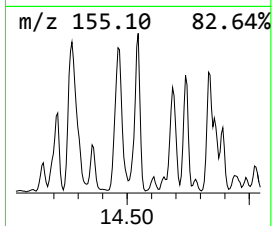
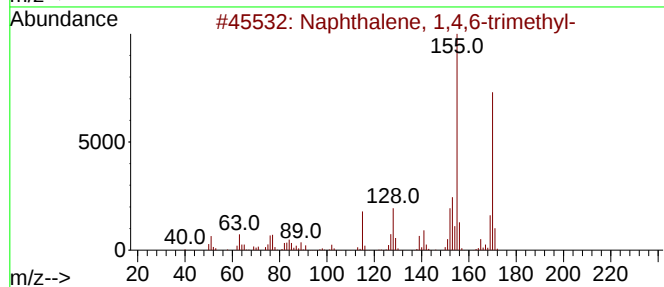
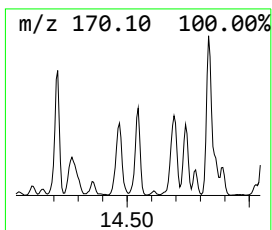
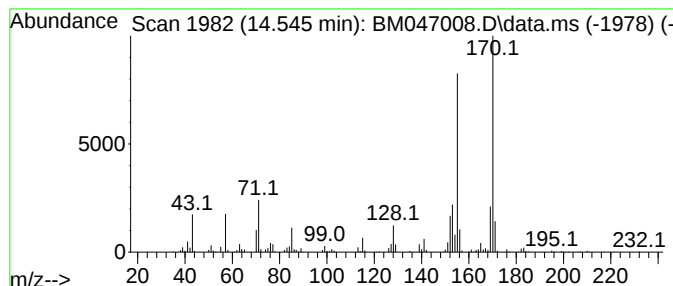
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Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 44 Naphthalene, 1,6,7-trimethyl- Concentration Rank 57

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 14.545 | 4.91 ng/ul | 629156 | Acenaphthene-d10 | 14.051 |

| Hit# | of | 5 | Tentative ID                  | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------|-----|---------|-------------|------|
| 1    |    |   | Naphthalene, 1,4,6-trimethyl- | 170 | C13H14  | 002131-42-2 | 95   |
| 2    |    |   | Naphthalene, 1,6,7-trimethyl- | 170 | C13H14  | 002245-38-7 | 93   |
| 3    |    |   | Naphthalene, 1,6,7-trimethyl- | 170 | C13H14  | 002245-38-7 | 93   |
| 4    |    |   | Naphthalene, 2,3,6-trimethyl- | 170 | C13H14  | 000829-26-5 | 93   |
| 5    |    |   | Naphthalene, 1,4,5-trimethyl- | 170 | C13H14  | 002131-41-1 | 90   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM080524\  
Data File : BM047008.D  
Acq On : 06 Aug 2024 02:06  
Operator : RC/JU  
Sample : P3171-12  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DCVX5

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM080224.MA.M  
Quant Title : SVOA CALIBRATION

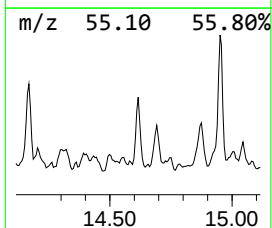
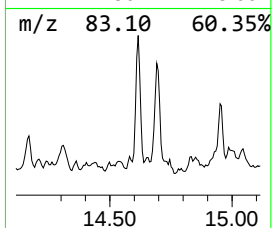
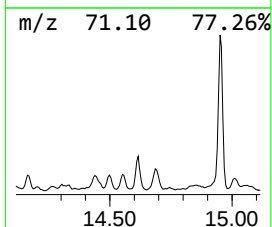
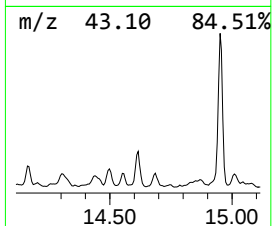
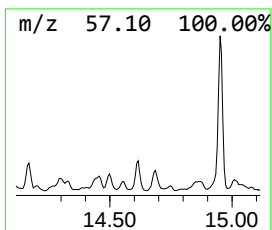
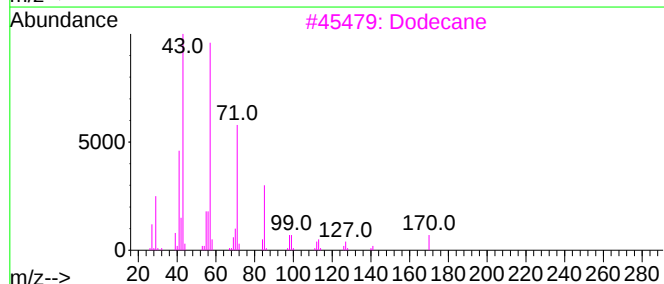
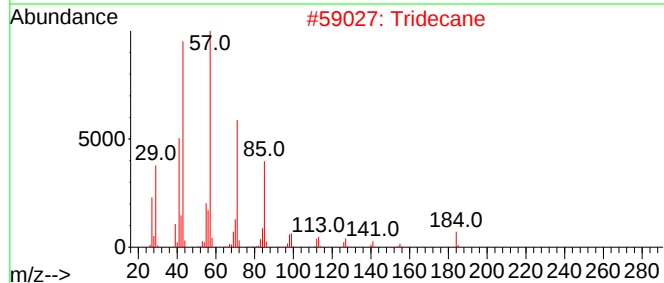
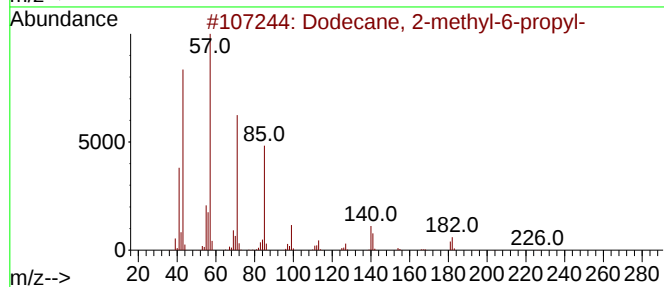
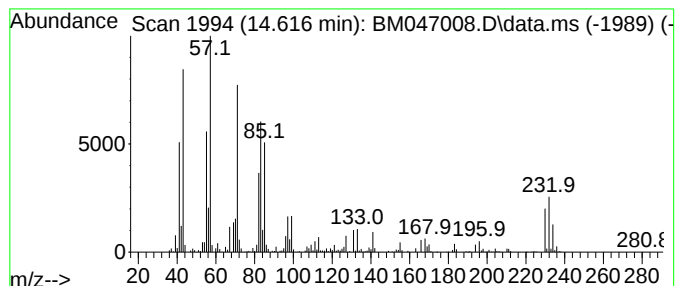
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TIC Integration Parameters: LSCINT.P

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Peak Number 45 (DEL) Alkane: Straight-Chai... Concentration Rank 33

| R.T.   | EstConc    | Area    | Relative to ISTD | R.T.   |
|--------|------------|---------|------------------|--------|
| 14.616 | 8.39 ng/ul | 1074620 | Acenaphthene-d10 | 14.051 |

| Hit# | of | 5 | Tentative ID                       | MW  | MolForm  | CAS#         | Qual |
|------|----|---|------------------------------------|-----|----------|--------------|------|
| 1    |    |   | Dodecane, 2-methyl-6-propyl-       | 226 | C16H34   | 055045-08-4  | 87   |
| 2    |    |   | Tridecane                          | 184 | C13H28   | 000629-50-5  | 50   |
| 3    |    |   | Dodecane                           | 170 | C12H26   | 000112-40-3  | 50   |
| 4    |    |   | Carbonic acid, eicosyl vinyl ester | 368 | C23H44O3 | 1000382-54-3 | 49   |
| 5    |    |   | Nonadecane                         | 268 | C19H40   | 000629-92-5  | 49   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM080524\  
Data File : BM047008.D  
Acq On : 06 Aug 2024 02:06  
Operator : RC/JU  
Sample : P3171-12  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DCVX5

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM080224.MA.M  
Quant Title : SVOA CALIBRATION

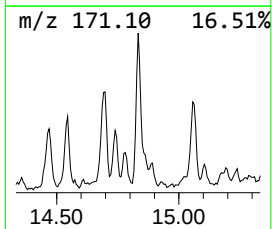
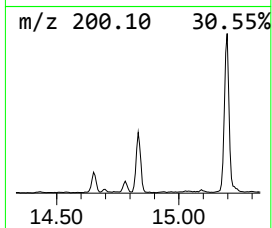
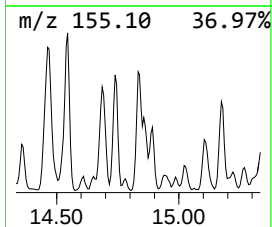
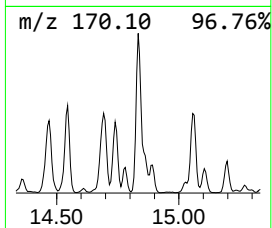
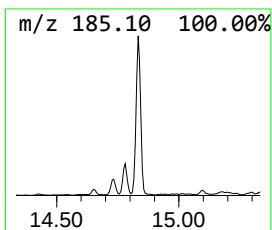
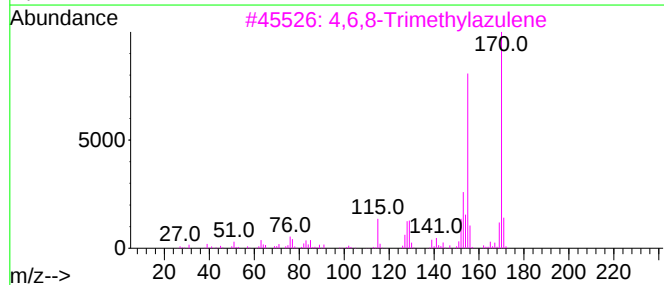
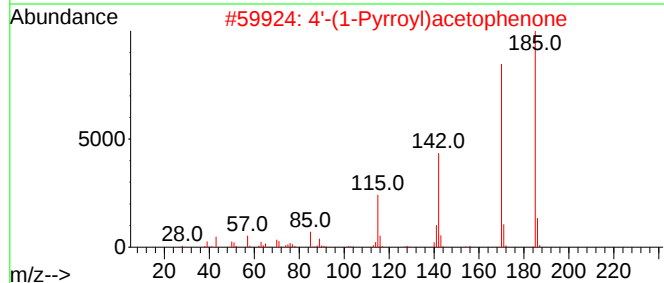
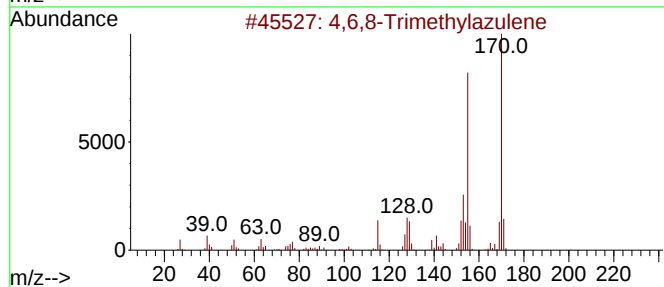
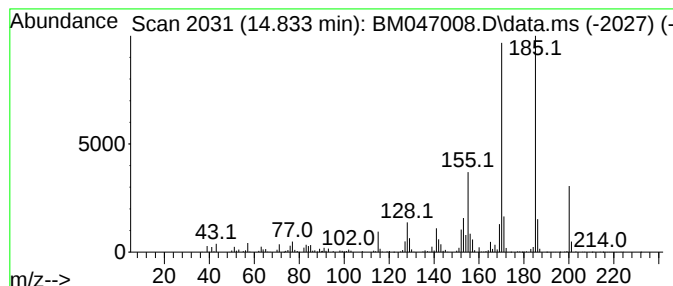
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 46 4,6,8-Trimethylazulene Concentration Rank 20

| R.T.   | EstConc     | Area    | Relative to ISTD | R.T.   |
|--------|-------------|---------|------------------|--------|
| 14.833 | 11.87 ng/ul | 1521090 | Acenaphthene-d10 | 14.051 |

| Hit# | of                            | 5 | Tentative ID | MW  | MolForm  | CAS#        | Qual |
|------|-------------------------------|---|--------------|-----|----------|-------------|------|
| 1    | 4,6,8-Trimethylazulene        |   |              | 170 | C13H14   | 000941-81-1 | 70   |
| 2    | 4'-(1-Pyrrolyl)acetophenone   |   |              | 185 | C12H11NO | 022106-37-2 | 58   |
| 3    | 4,6,8-Trimethylazulene        |   |              | 170 | C13H14   | 000941-81-1 | 55   |
| 4    | Naphthalene, 2,3,6-trimethyl- |   |              | 170 | C13H14   | 000829-26-5 | 55   |
| 5    | Naphthalene, 1,4,6-trimethyl- |   |              | 170 | C13H14   | 002131-42-2 | 55   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM080524\  
Data File : BM047008.D  
Acq On : 06 Aug 2024 02:06  
Operator : RC/JU  
Sample : P3171-12  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DCVX5

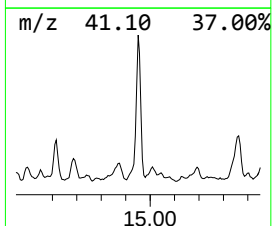
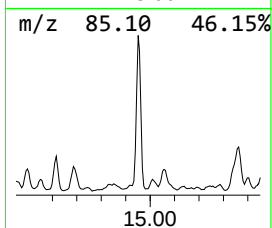
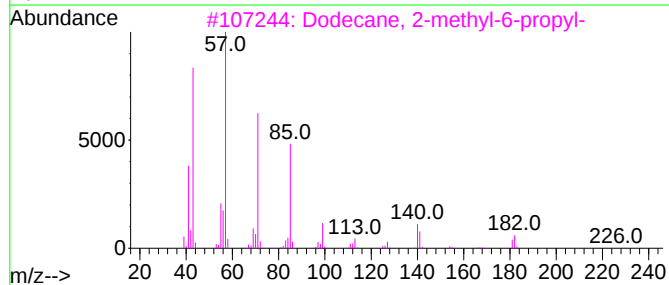
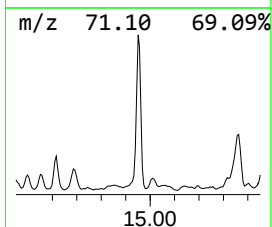
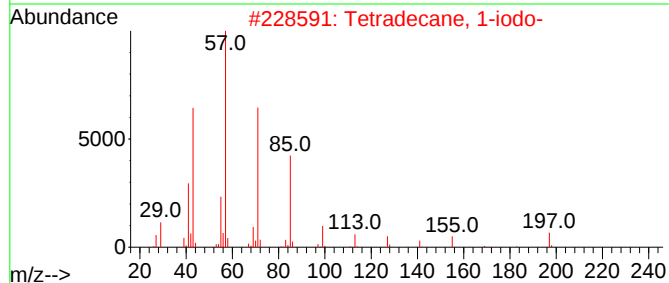
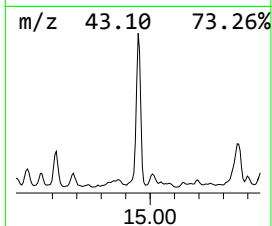
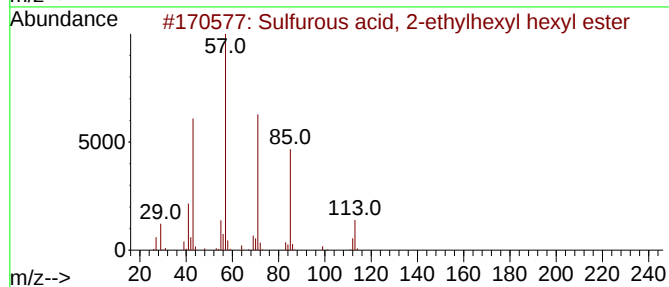
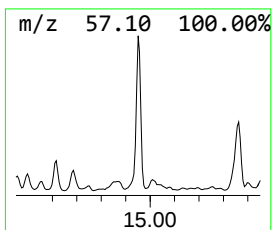
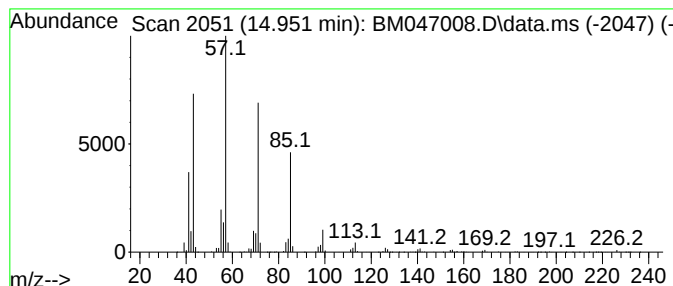
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Quant Title : SVOA CALIBRATION

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

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Peak Number 47 Sulfurous acid, 2-ethylhexy... Concentration Rank 7

| R.T.   | EstConc     | Area    | Relative to ISTD | R.T.   |
|--------|-------------|---------|------------------|--------|
| 14.951 | 22.57 ng/ul | 2892910 | Acenaphthene-d10 | 14.051 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | Sulfurous acid, 2-ethylhexyl hex... | 278 | C14H30O3S | 1000309-20-2 | 86   |
| 2    |    |   | Tetradecane, 1-iodo-                | 324 | C14H29I   | 019218-94-1  | 86   |
| 3    |    |   | Dodecane, 2-methyl-6-propyl-        | 226 | C16H34    | 055045-08-4  | 83   |
| 4    |    |   | Hexadecane                          | 226 | C16H34    | 000544-76-3  | 80   |
| 5    |    |   | Pentadecane                         | 212 | C15H32    | 000629-62-9  | 78   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM080524\  
Data File : BM047008.D  
Acq On : 06 Aug 2024 02:06  
Operator : RC/JU  
Sample : P3171-12  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DCVX5

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM080224.MA.M  
Quant Title : SVOA CALIBRATION

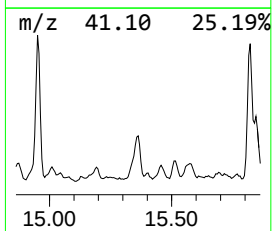
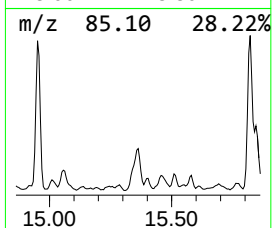
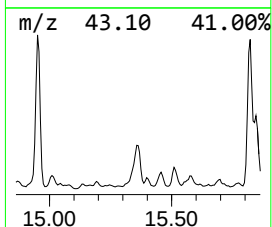
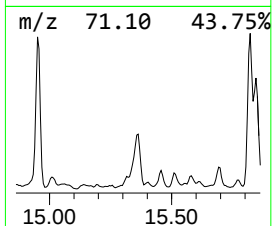
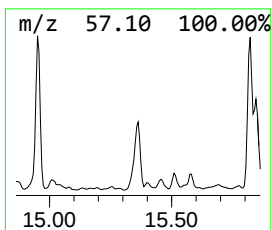
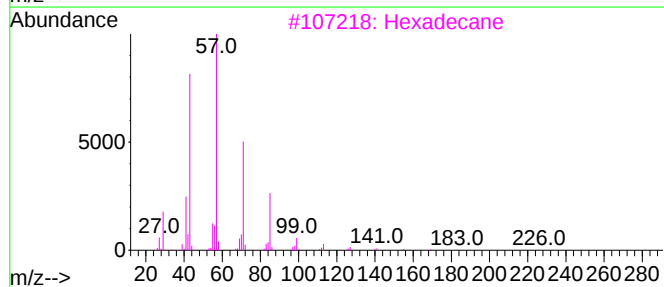
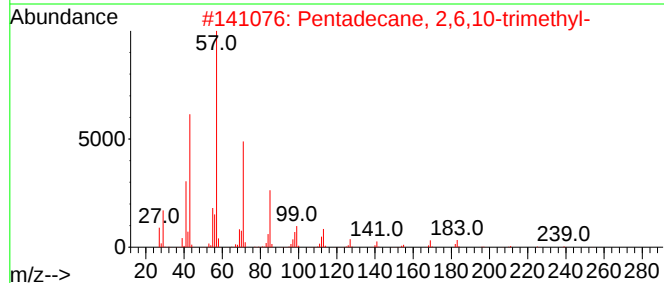
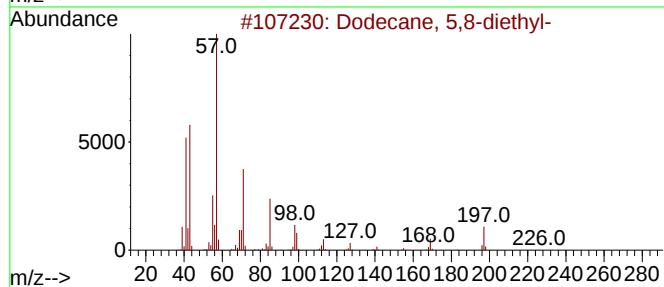
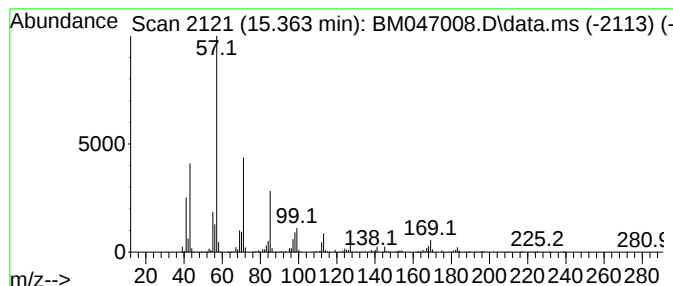
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 48 (DEL) Alkane: Straight-Chai... Concentration Rank 14

| R.T.   | EstConc     | Area    | Relative to ISTD | R.T.   |
|--------|-------------|---------|------------------|--------|
| 15.363 | 14.55 ng/ul | 1864260 | Acenaphthene-d10 | 14.051 |

| Hit# | of | 5 | Tentative ID                   | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------------------------|-----|---------|-------------|------|
| 1    |    |   | Dodecane, 5,8-diethyl-         | 226 | C16H34  | 024251-86-3 | 91   |
| 2    |    |   | Pentadecane, 2,6,10-trimethyl- | 254 | C18H38  | 003892-00-0 | 90   |
| 3    |    |   | Hexadecane                     | 226 | C16H34  | 000544-76-3 | 76   |
| 4    |    |   | Hexacosane                     | 366 | C26H54  | 000630-01-3 | 72   |
| 5    |    |   | Heptadecane                    | 240 | C17H36  | 000629-78-7 | 72   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM080524\  
Data File : BM047008.D  
Acq On : 06 Aug 2024 02:06  
Operator : RC/JU  
Sample : P3171-12  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DCVX5

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM080224.MA.M  
Quant Title : SVOA CALIBRATION

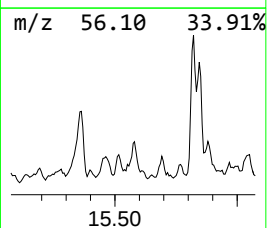
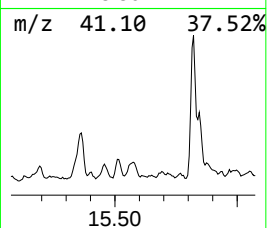
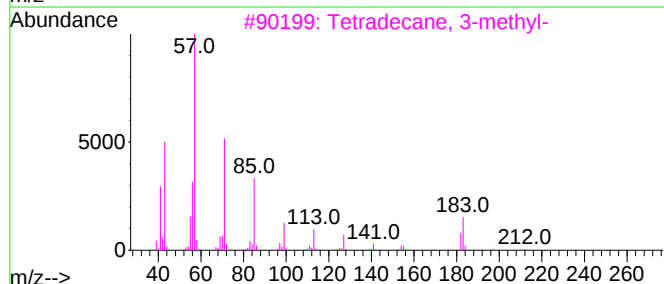
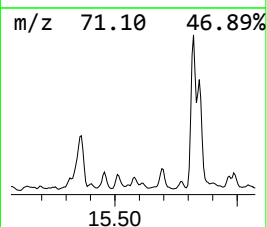
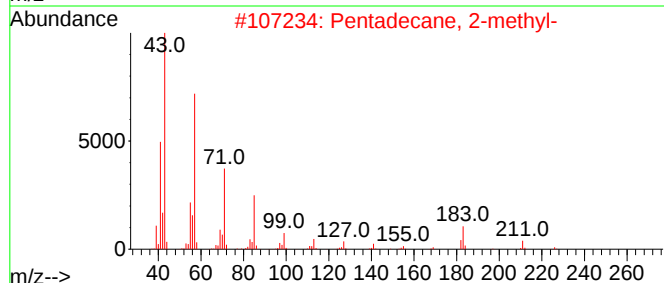
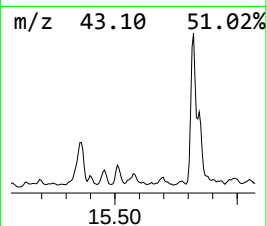
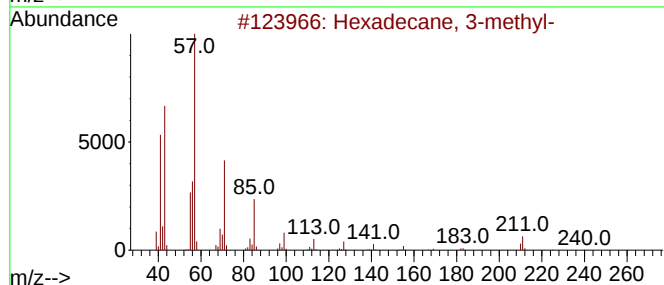
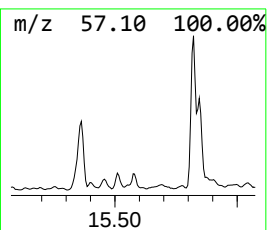
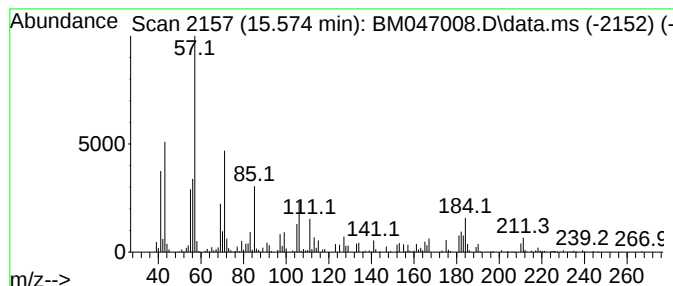
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 49 (DEL) Alkane: Straight-Chai... Concentration Rank 41

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 15.574 | 6.72 ng/ul | 733707 | Phenanthrene-d10 | 16.815 |

| Hit# | of 5 | Tentative ID           | MW  | MolForm | CAS#        | Qual |
|------|------|------------------------|-----|---------|-------------|------|
| 1    |      | Hexadecane, 3-methyl-  | 240 | C17H36  | 006418-43-5 | 86   |
| 2    |      | Pentadecane, 2-methyl- | 226 | C16H34  | 001560-93-6 | 64   |
| 3    |      | Tetradecane, 3-methyl- | 212 | C15H32  | 018435-22-8 | 58   |
| 4    |      | Dodecane, 3-methyl-    | 184 | C13H28  | 017312-57-1 | 50   |
| 5    |      | Decane, 3-methyl-      | 156 | C11H24  | 013151-34-3 | 49   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM080524\  
Data File : BM047008.D  
Acq On : 06 Aug 2024 02:06  
Operator : RC/JU  
Sample : P3171-12  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DCVX5

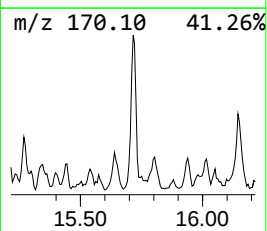
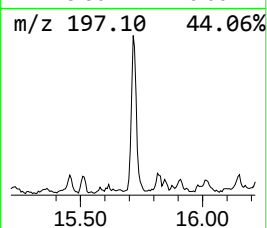
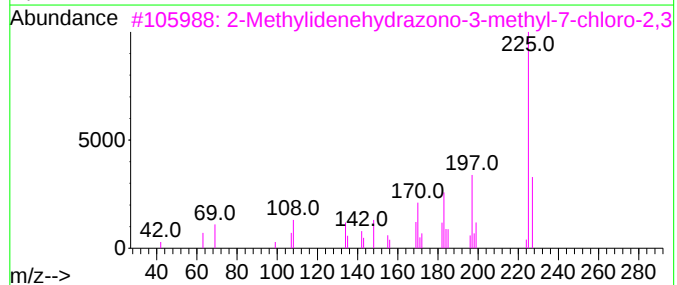
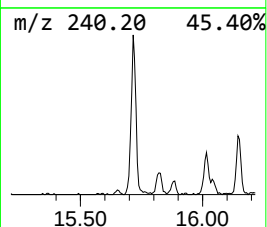
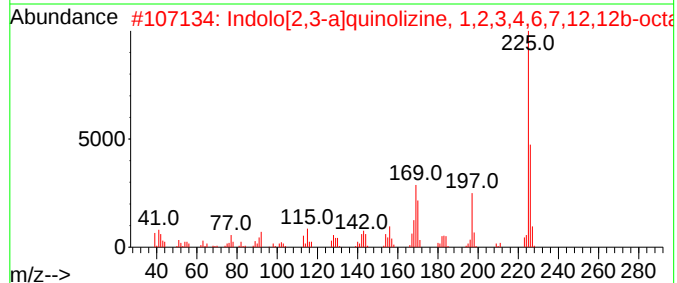
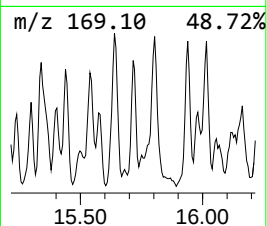
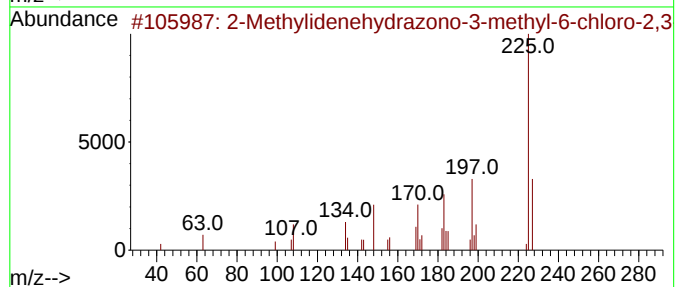
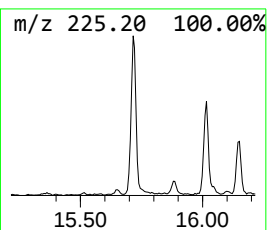
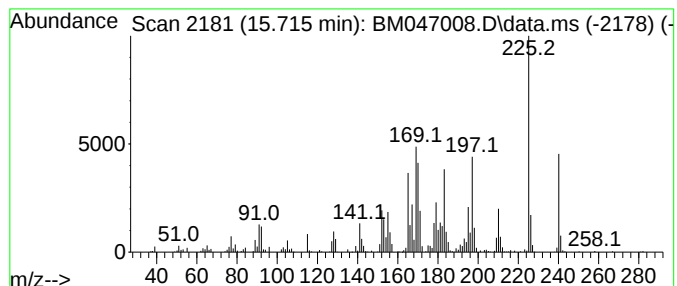
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Quant Title : SVOA CALIBRATION

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

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Peak Number 50 2-Methylidenehydrazono-3-me... Concentration Rank 50

| R.T.      | EstConc                             | Area   | Relative to ISTD |           |              | R.T.   |
|-----------|-------------------------------------|--------|------------------|-----------|--------------|--------|
| 15.716    | 5.72 ng/ul                          | 624832 | Phenanthrene-d10 |           |              | 16.815 |
| Hit# of 5 | Tentative ID                        |        | MW               | MolForm   | CAS#         | Qual   |
| 1         | 2-Methylidenehydrazono-3-methyl-... |        | 225              | C9H8ClN3S | 1000147-91-5 | 53     |
| 2         | Indolo[2,3-a]quinolizine, 1,2,3,... |        | 226              | C15H18N2  | 004802-79-3  | 50     |
| 3         | 2-Methylidenehydrazono-3-methyl-... |        | 225              | C9H8ClN3S | 1000147-91-6 | 49     |
| 4         | 6,7-Dihydro-2-isopropylamino-8-m... |        | 225              | C9H15N5O2 | 1000101-98-2 | 42     |
| 5         | 6(5H)-Phenanthridinone, 2-methoxy-  |        | 225              | C14H11NO2 | 038088-96-9  | 30     |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM080524\  
Data File : BM047008.D  
Acq On : 06 Aug 2024 02:06  
Operator : RC/JU  
Sample : P3171-12  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DCVX5

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM080224.MA.M  
Quant Title : SVOA CALIBRATION

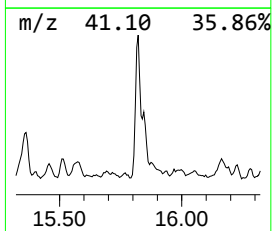
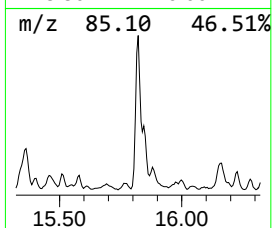
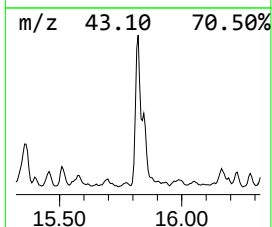
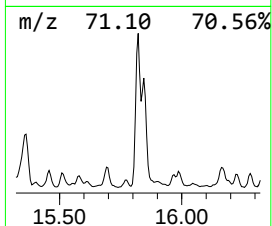
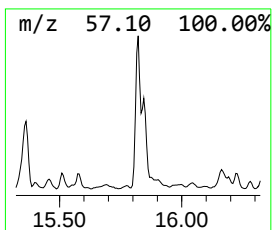
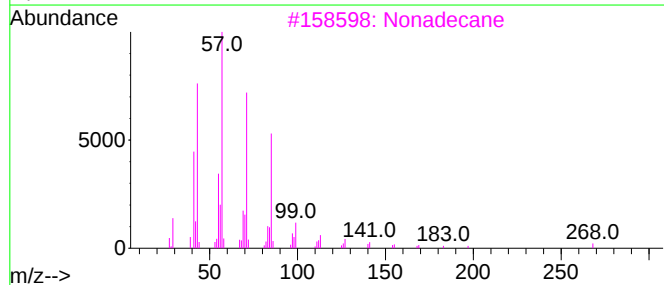
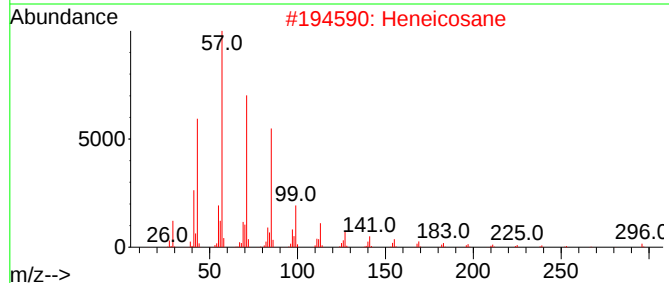
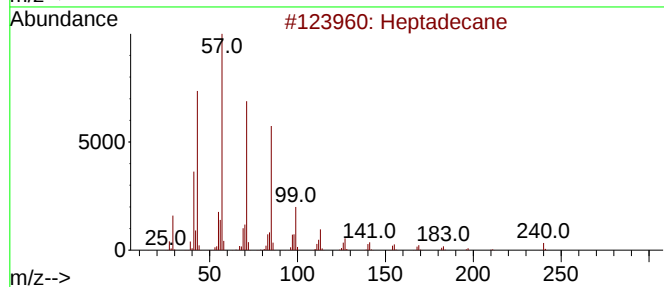
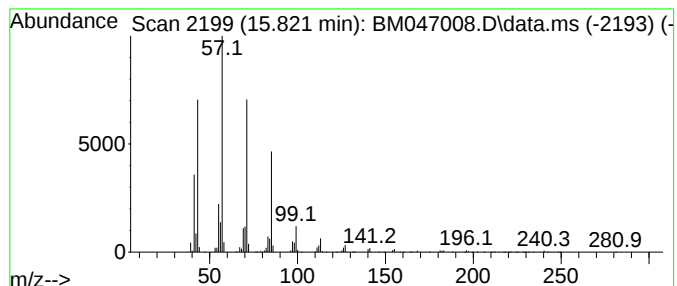
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 51 (DEL) Alkane: Straight-Chai... Concentration Rank 4

| R.T.   | EstConc     | Area    | Relative to ISTD | R.T.   |
|--------|-------------|---------|------------------|--------|
| 15.821 | 29.95 ng/ul | 3270710 | Phenanthrene-d10 | 16.815 |

| Hit# | of | 5 | Tentative ID             | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------------------|-----|---------|-------------|------|
| 1    |    |   | Heptadecane              | 240 | C17H36  | 000629-78-7 | 91   |
| 2    |    |   | Heneicosane              | 296 | C21H44  | 000629-94-7 | 91   |
| 3    |    |   | Nonadecane               | 268 | C19H40  | 000629-92-5 | 90   |
| 4    |    |   | Decane, 2,3,5-trimethyl- | 184 | C13H28  | 062238-11-3 | 90   |
| 5    |    |   | 9-methylheptadecane      | 254 | C18H38  | 026741-18-4 | 90   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM080524\  
Data File : BM047008.D  
Acq On : 06 Aug 2024 02:06  
Operator : RC/JU  
Sample : P3171-12  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DCVX5

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM080224.MA.M  
Quant Title : SVOA CALIBRATION

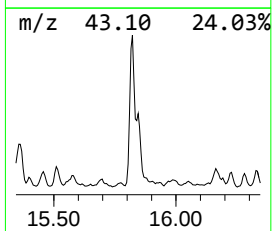
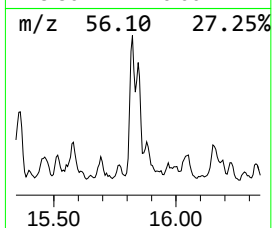
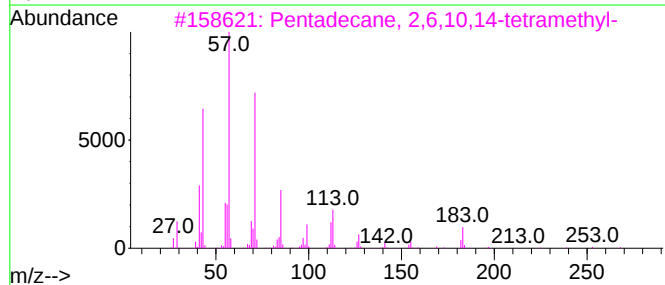
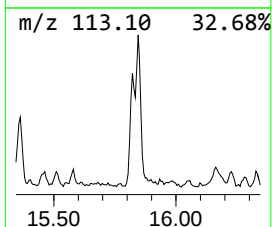
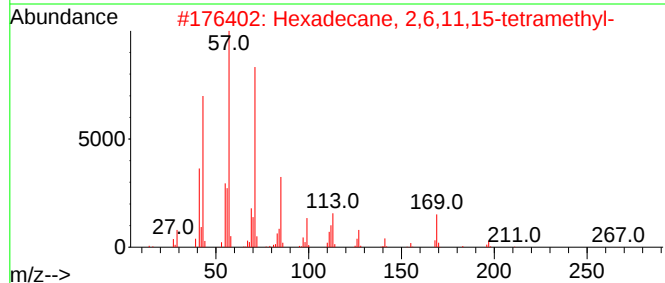
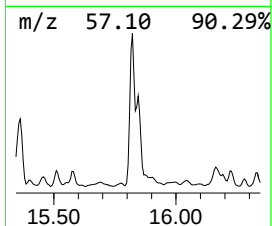
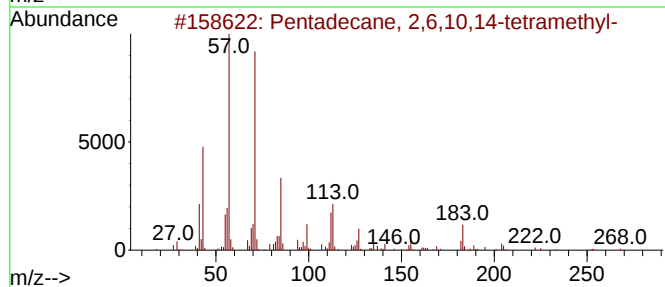
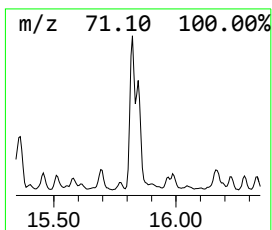
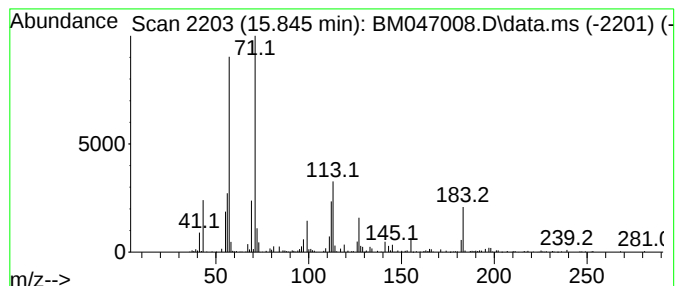
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 52 (DEL) Alkane: Straight-Chai... Concentration Rank 19

| R.T.   | EstConc     | Area    | Relative to ISTD | R.T.   |
|--------|-------------|---------|------------------|--------|
| 15.845 | 12.77 ng/ul | 1394370 | Phenanthrene-d10 | 16.815 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | Pentadecane, 2,6,10,14-tetramethyl- | 268 | C19H40    | 001921-70-6  | 72   |
| 2    |    |   | Hexadecane, 2,6,11,15-tetramethyl-  | 282 | C20H42    | 000504-44-9  | 59   |
| 3    |    |   | Pentadecane, 2,6,10,14-tetramethyl- | 268 | C19H40    | 001921-70-6  | 59   |
| 4    |    |   | Methoxyacetic acid, 2-octyl ester   | 202 | C11H22O3  | 1000282-69-6 | 53   |
| 5    |    |   | Sulfurous acid, 2-ethylhexyl oct... | 446 | C26H54O3S | 1000309-20-1 | 53   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM080524\  
Data File : BM047008.D  
Acq On : 06 Aug 2024 02:06  
Operator : RC/JU  
Sample : P3171-12  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DCVX5

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM080224.MA.M  
Quant Title : SVOA CALIBRATION

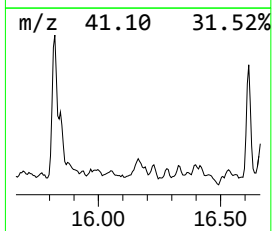
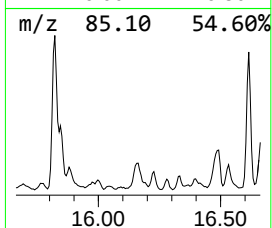
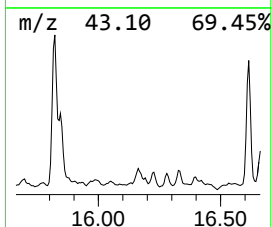
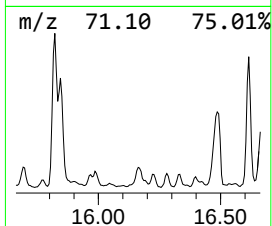
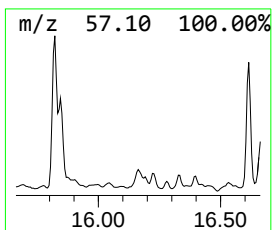
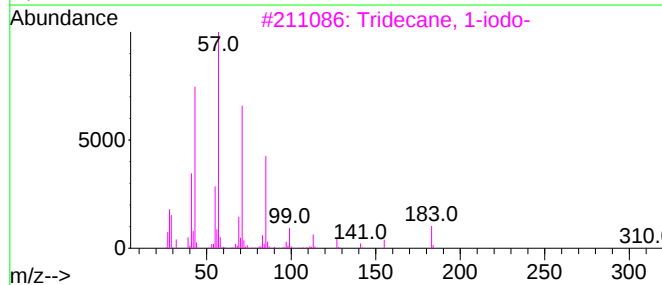
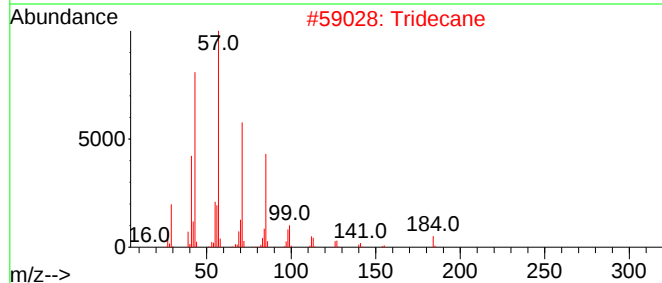
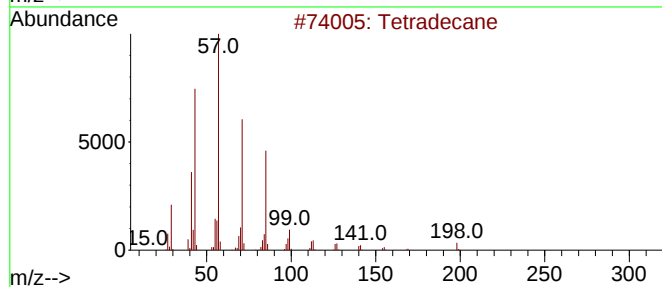
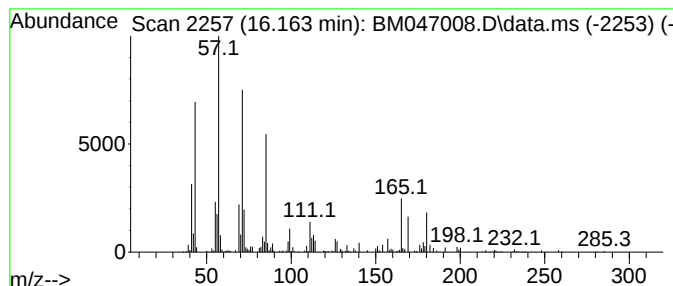
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 53 (DEL) Alkane: Straight-Chai... Concentration Rank 31

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 16.163 | 9.07 ng/ul | 990192 | Phenanthrene-d10 | 16.815 |

| Hit# | of | 5 | Tentative ID         | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------|-----|---------|-------------|------|
| 1    |    |   | Tetradecane          | 198 | C14H30  | 000629-59-4 | 58   |
| 2    |    |   | Tridecane            | 184 | C13H28  | 000629-50-5 | 58   |
| 3    |    |   | Tridecane, 1-iodo-   | 310 | C13H27I | 035599-77-0 | 52   |
| 4    |    |   | Dodecane, 2-methyl-  | 184 | C13H28  | 001560-97-0 | 52   |
| 5    |    |   | Tetradecane, 1-iodo- | 324 | C14H29I | 019218-94-1 | 50   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM080524\  
Data File : BM047008.D  
Acq On : 06 Aug 2024 02:06  
Operator : RC/JU  
Sample : P3171-12  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DCVX5

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM080224.MA.M  
Quant Title : SVOA CALIBRATION

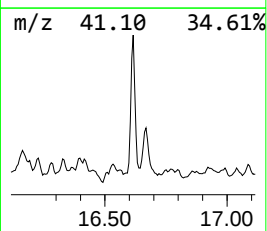
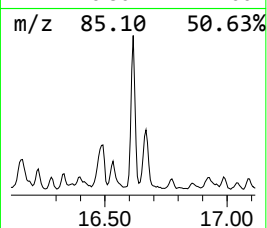
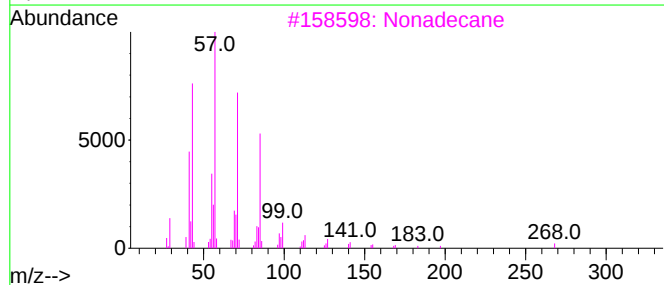
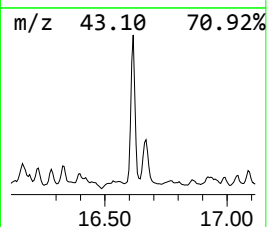
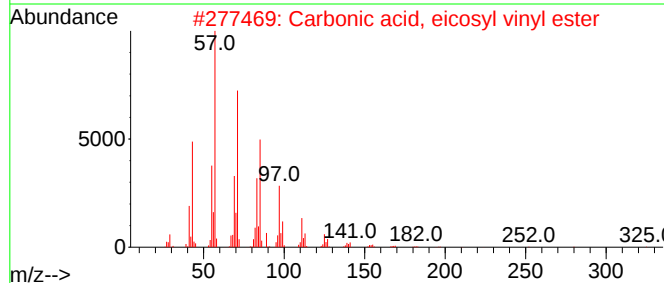
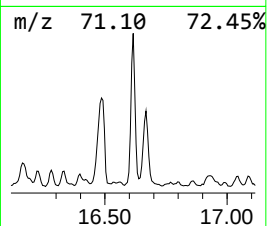
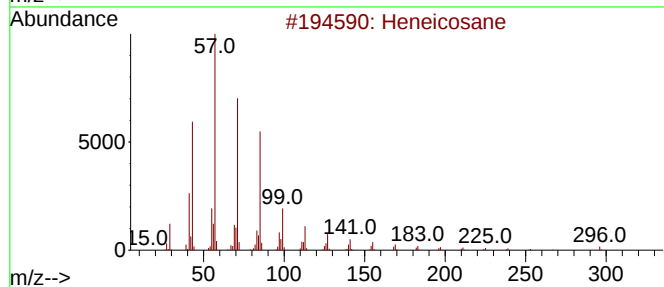
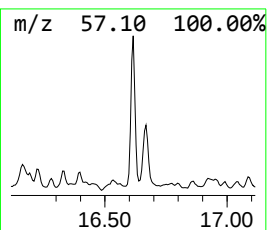
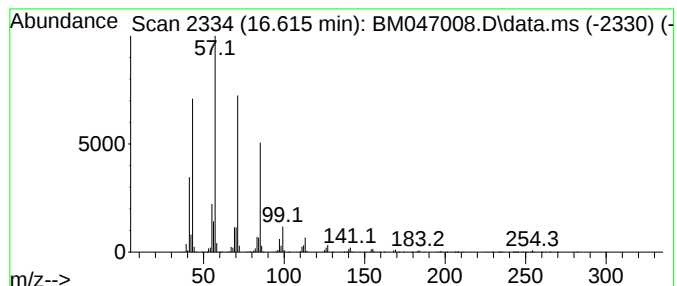
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 54 (DEL) Alkane: Straight-Chai... Concentration Rank 8

| R.T.   | EstConc     | Area    | Relative to ISTD | R.T.   |
|--------|-------------|---------|------------------|--------|
| 16.615 | 22.43 ng/ul | 2449390 | Phenanthrene-d10 | 16.815 |

| Hit# | of | 5 | Tentative ID                       | MW  | MolForm  | CAS#         | Qual |
|------|----|---|------------------------------------|-----|----------|--------------|------|
| 1    |    |   | Heneicosane                        | 296 | C21H44   | 000629-94-7  | 90   |
| 2    |    |   | Carbonic acid, eicosyl vinyl ester | 368 | C23H44O3 | 1000382-54-3 | 87   |
| 3    |    |   | Nonadecane                         | 268 | C19H40   | 000629-92-5  | 86   |
| 4    |    |   | Tetradecane                        | 198 | C14H30   | 000629-59-4  | 86   |
| 5    |    |   | Dodecane, 2-methyl-6-propyl-       | 226 | C16H34   | 055045-08-4  | 86   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM080524\  
Data File : BM047008.D  
Acq On : 06 Aug 2024 02:06  
Operator : RC/JU  
Sample : P3171-12  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DCVX5

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM080224.MA.M  
Quant Title : SVOA CALIBRATION

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

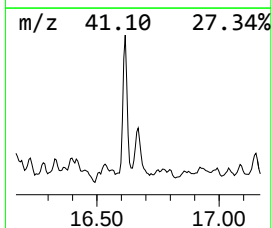
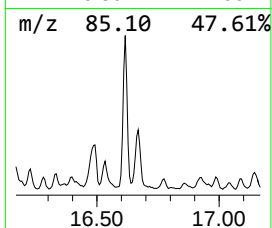
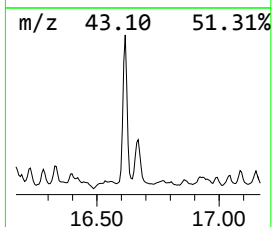
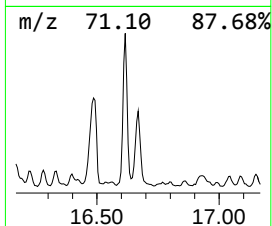
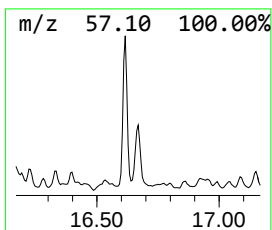
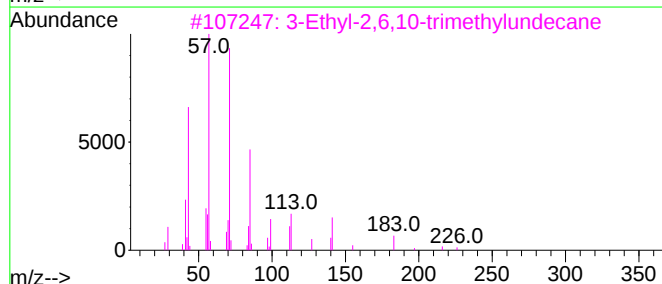
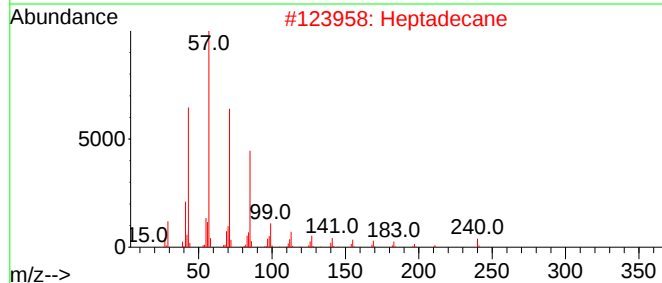
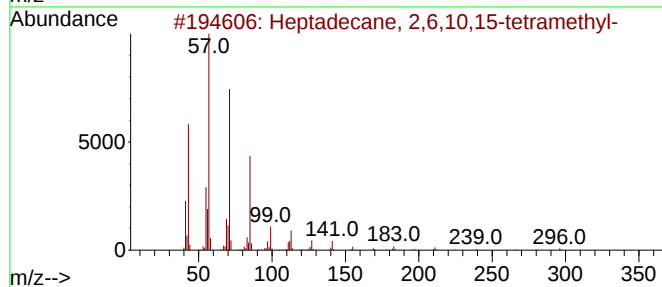
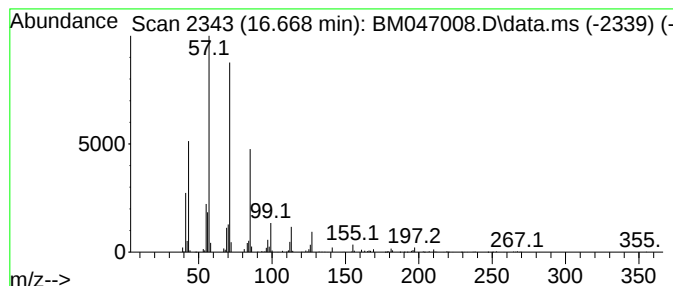
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Peak Number 55 (DEL) Alkane: Straight-Chai... Concentration Rank 18

| R.T.   | EstConc     | Area    | Relative to ISTD | R.T.   |
|--------|-------------|---------|------------------|--------|
| 16.668 | 13.21 ng/ul | 1442800 | Phenanthrene-d10 | 16.815 |

| Hit# | of 5 | Tentative ID                        | MW  | MolForm | CAS#         | Qual |
|------|------|-------------------------------------|-----|---------|--------------|------|
| 1    |      | Heptadecane, 2,6,10,15-tetramethyl- | 296 | C21H44  | 054833-48-6  | 90   |
| 2    |      | Heptadecane                         | 240 | C17H36  | 000629-78-7  | 90   |
| 3    |      | 3-Ethyl-2,6,10-trimethylundecane    | 226 | C16H34  | 1000432-25-9 | 80   |
| 4    |      | Tridecane, 4-methyl-                | 198 | C14H30  | 026730-12-1  | 78   |
| 5    |      | Eicosane                            | 282 | C20H42  | 000112-95-8  | 78   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM080524\  
Data File : BM047008.D  
Acq On : 06 Aug 2024 02:06  
Operator : RC/JU  
Sample : P3171-12  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

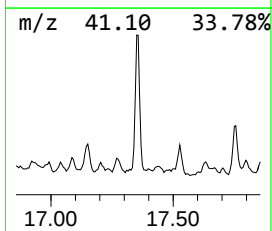
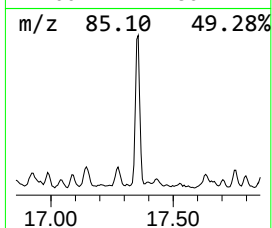
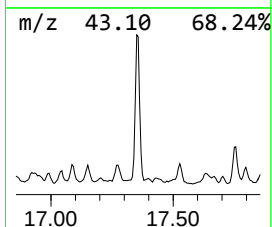
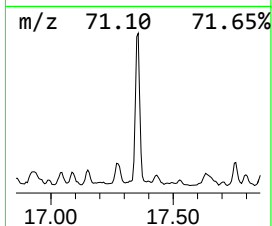
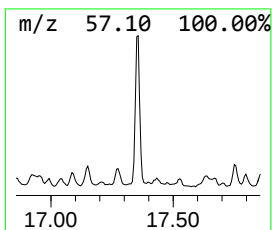
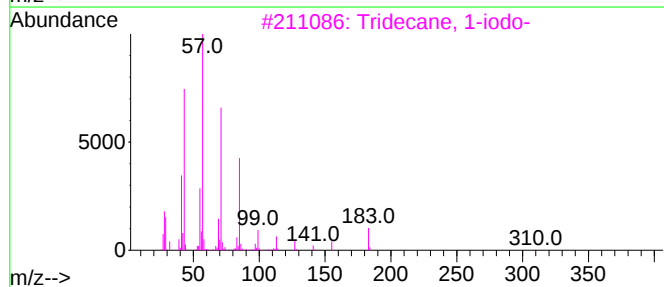
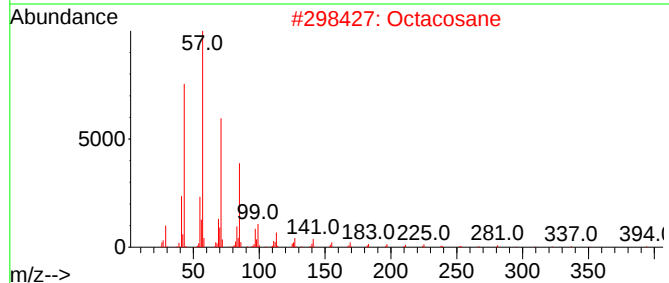
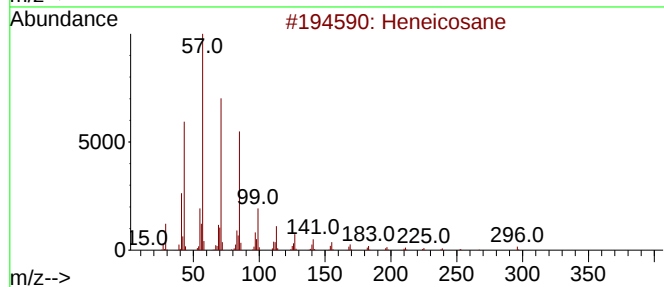
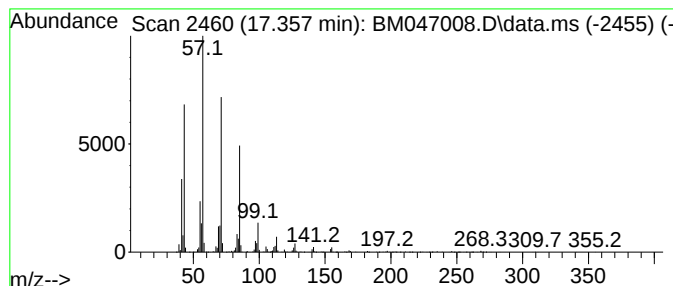
Instrument :  
BNA\_M  
ClientSampleId :  
DCVX5

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM080224.MA.M  
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 9

| R.T.      | EstConc            | Area    | Relative to ISTD | R.T.        |      |
|-----------|--------------------|---------|------------------|-------------|------|
| 17.357    | 20.07 ng/ul        | 2191910 | Phenanthrene-d10 | 16.815      |      |
| Hit# of 5 | Tentative ID       | MW      | MolForm          | CAS#        | Qual |
| 1         | Heneicosane        | 296     | C21H44           | 000629-94-7 | 91   |
| 2         | Octacosane         | 394     | C28H58           | 000630-02-4 | 91   |
| 3         | Tridecane, 1-iodo- | 310     | C13H27I          | 035599-77-0 | 91   |
| 4         | Hexadecane         | 226     | C16H34           | 000544-76-3 | 86   |
| 5         | Decane, 1-iodo-    | 268     | C10H21I          | 002050-77-3 | 83   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM080524\  
Data File : BM047008.D  
Acq On : 06 Aug 2024 02:06  
Operator : RC/JU  
Sample : P3171-12  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DCVX5

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM080224.MA.M  
Quant Title : SVOA CALIBRATION

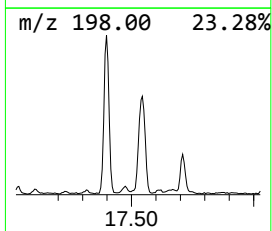
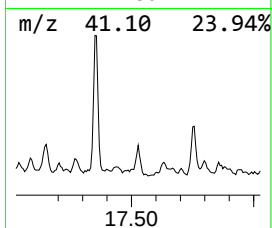
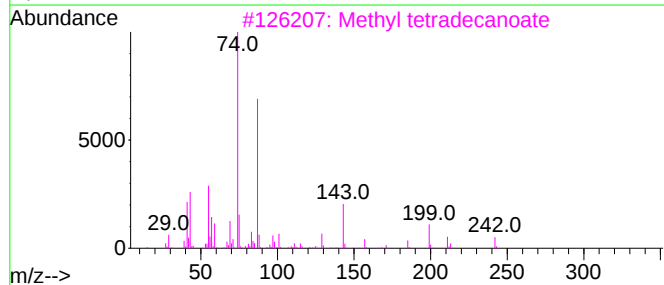
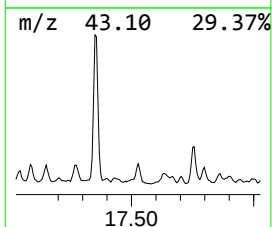
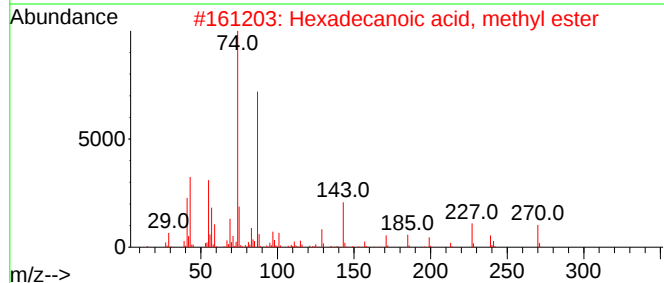
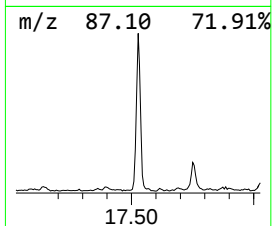
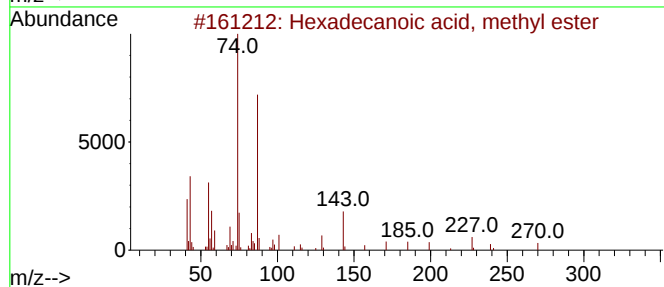
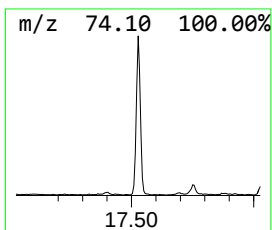
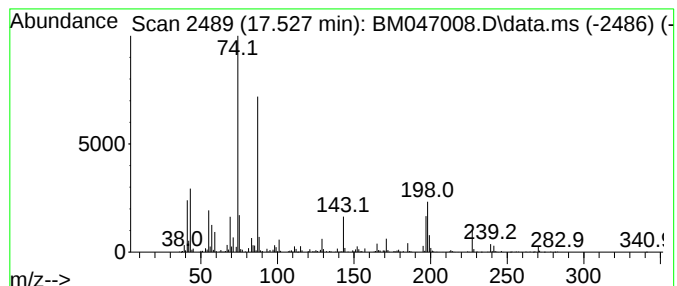
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TIC Integration Parameters: LSCINT.P

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Peak Number 57 Hexadecanoic acid, methyl e... Concentration Rank 36

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 17.527 | 7.72 ng/ul | 842724 | Phenanthrene-d10 | 16.815 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | Hexadecanoic acid, methyl ester     | 270 | C17H34O2 | 000112-39-0 | 93   |
| 2    |    |   | Hexadecanoic acid, methyl ester     | 270 | C17H34O2 | 000112-39-0 | 78   |
| 3    |    |   | Methyl tetradecanoate               | 242 | C15H30O2 | 000124-10-7 | 76   |
| 4    |    |   | Pentadecanoic acid, 14-methyl-, ... | 270 | C17H34O2 | 005129-60-2 | 76   |
| 5    |    |   | Methyl tetradecanoate               | 242 | C15H30O2 | 000124-10-7 | 64   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM080524\  
Data File : BM047008.D  
Acq On : 06 Aug 2024 02:06  
Operator : RC/JU  
Sample : P3171-12  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DCVX5

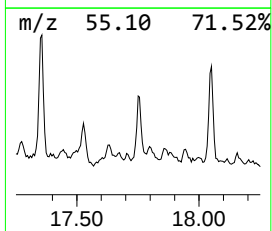
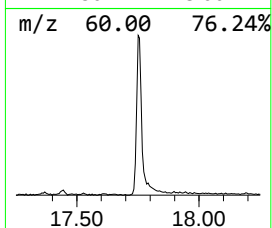
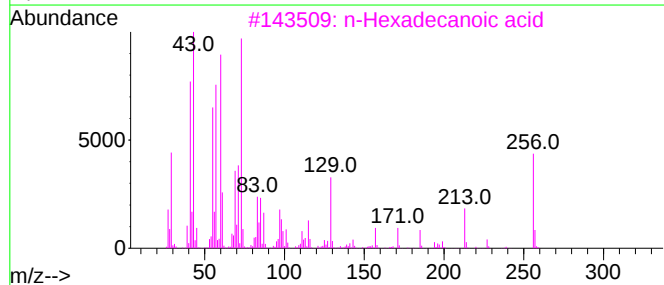
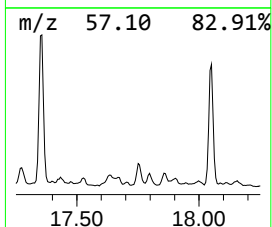
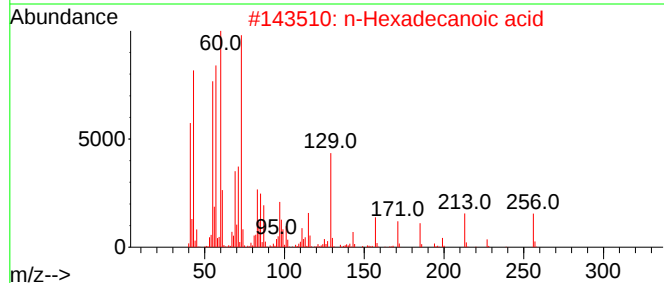
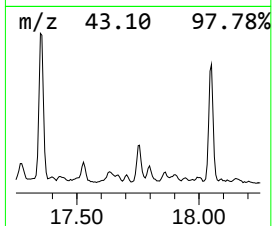
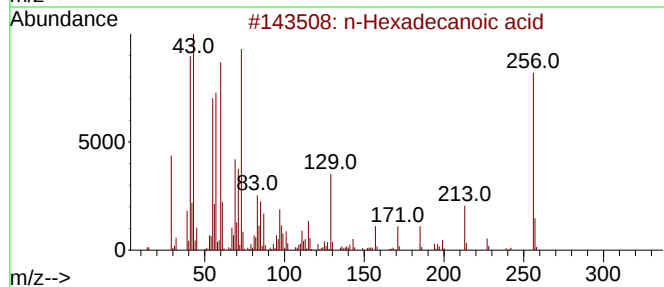
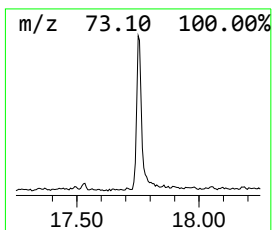
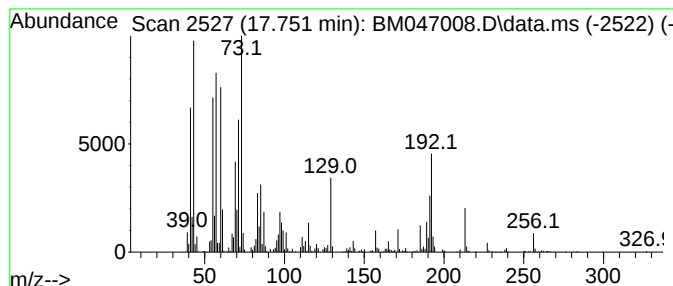
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Quant Title : SVOA CALIBRATION

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

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Peak Number 58 n-Hexadecanoic acid Concentration Rank 30

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 17.751 | 9.10 ng/ul | 993209 | Phenanthrene-d10 | 16.815 |

| 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 | 96   |
| 3    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 96   |
| 4    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 95   |
| 5    |    |   | Pentadecanoic acid  | 242 | C15H30O2 | 001002-84-2 | 55   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM080524\  
Data File : BM047008.D  
Acq On : 06 Aug 2024 02:06  
Operator : RC/JU  
Sample : P3171-12  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DCVX5

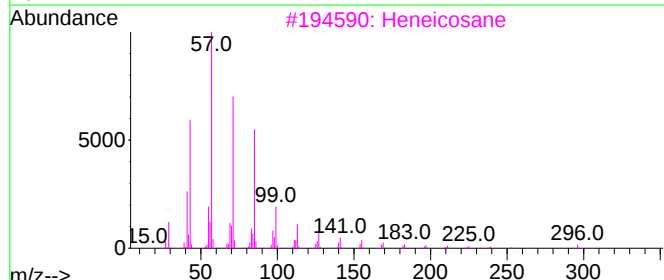
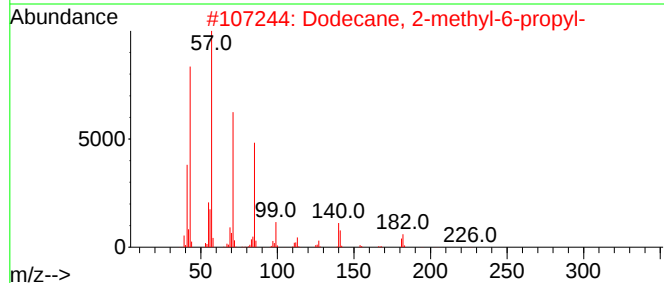
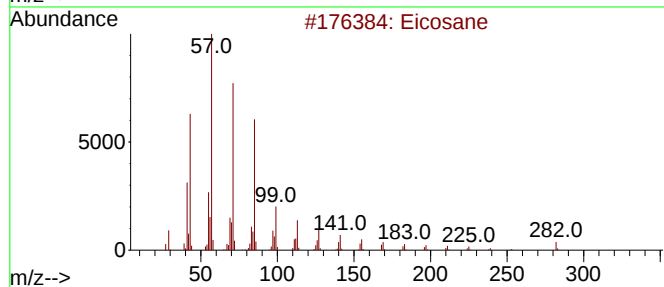
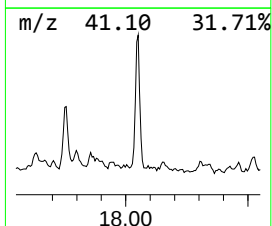
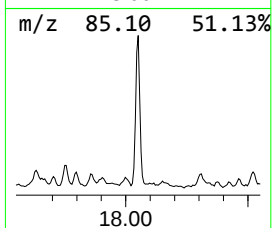
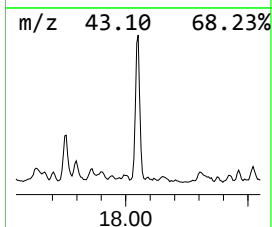
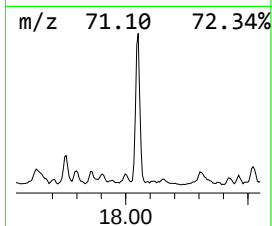
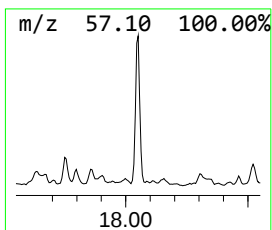
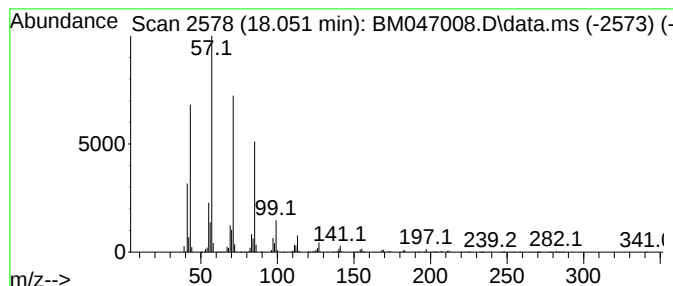
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Quant Title : SVOA CALIBRATION

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

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Peak Number 59 (DEL) Alkane: Straight-Chai... Concentration Rank 13

| R.T.      | EstConc                      | Area    | Relative to ISTD |         | R.T.        |      |
|-----------|------------------------------|---------|------------------|---------|-------------|------|
| 18.051    | 15.00 ng/ul                  | 1637780 | Phenanthrene-d10 |         | 16.815      |      |
| Hit# of 5 | Tentative ID                 |         | MW               | MolForm | CAS#        | Qual |
| 1         | Eicosane                     |         | 282              | C20H42  | 000112-95-8 | 96   |
| 2         | Dodecane, 2-methyl-6-propyl- |         | 226              | C16H34  | 055045-08-4 | 93   |
| 3         | Heneicosane                  |         | 296              | C21H44  | 000629-94-7 | 91   |
| 4         | Heptadecane                  |         | 240              | C17H36  | 000629-78-7 | 90   |
| 5         | Heptadecane                  |         | 240              | C17H36  | 000629-78-7 | 90   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM080524\  
Data File : BM047008.D  
Acq On : 06 Aug 2024 02:06  
Operator : RC/JU  
Sample : P3171-12  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DCVX5

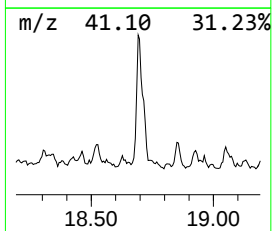
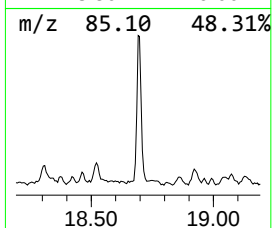
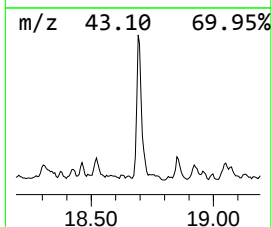
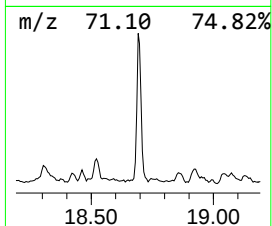
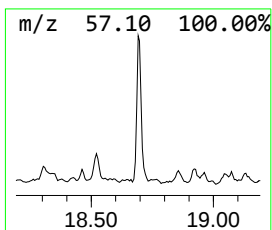
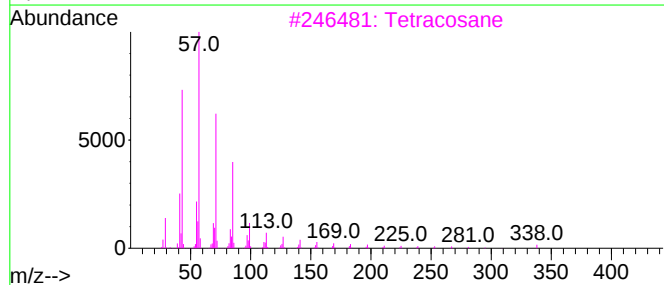
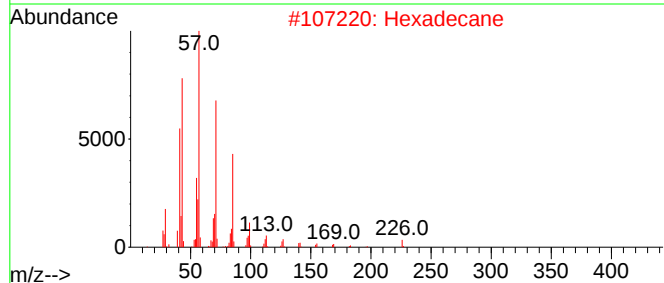
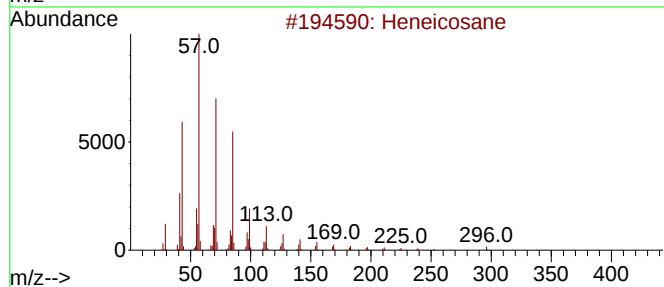
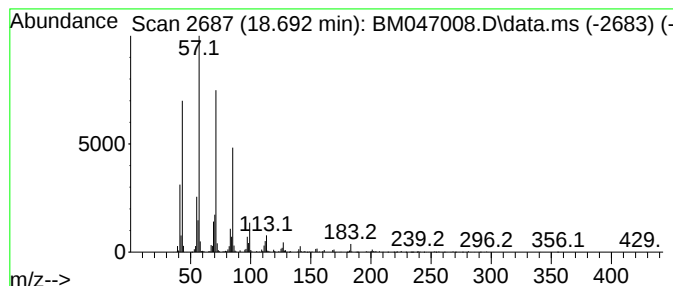
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Quant Title : SVOA CALIBRATION

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

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Peak Number 60 (DEL) Alkane: Straight-Chai... Concentration Rank 11

| R.T.      | EstConc      | Area    | Relative to ISTD |         | R.T.        |      |
|-----------|--------------|---------|------------------|---------|-------------|------|
| 18.692    | 18.35 ng/ul  | 2003630 | Phenanthrene-d10 |         | 16.815      |      |
| Hit# of 5 | Tentative ID |         | MW               | MolForm | CAS#        | Qual |
| 1         | Heneicosane  |         | 296              | C21H44  | 000629-94-7 | 91   |
| 2         | Hexadecane   |         | 226              | C16H34  | 000544-76-3 | 91   |
| 3         | Tetracosane  |         | 338              | C24H50  | 000646-31-1 | 91   |
| 4         | Hexadecane   |         | 226              | C16H34  | 000544-76-3 | 91   |
| 5         | Nonadecane   |         | 268              | C19H40  | 000629-92-5 | 90   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM080524\  
Data File : BM047008.D  
Acq On : 06 Aug 2024 02:06  
Operator : RC/JU  
Sample : P3171-12  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

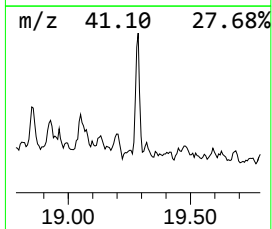
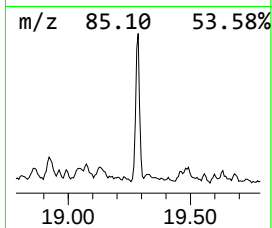
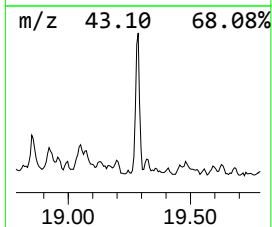
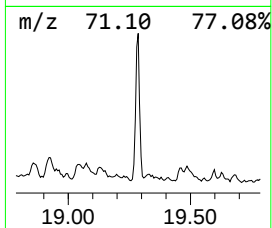
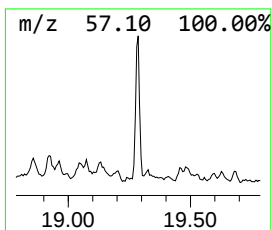
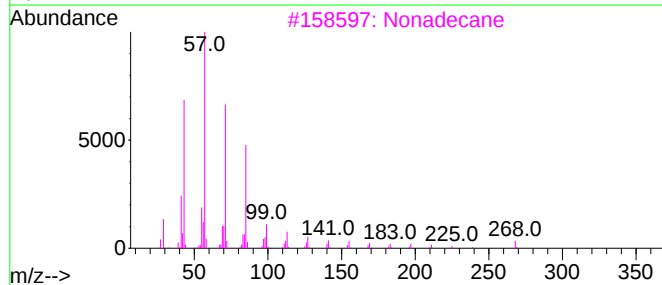
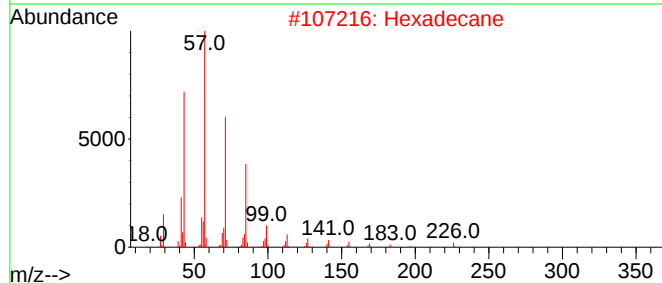
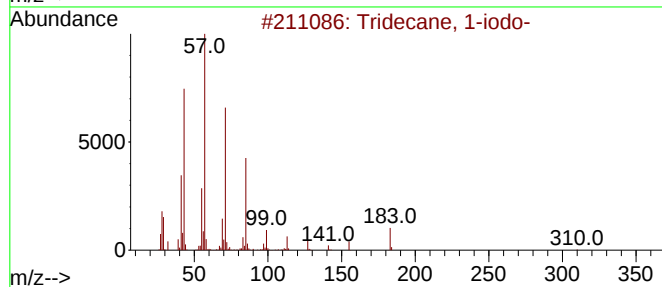
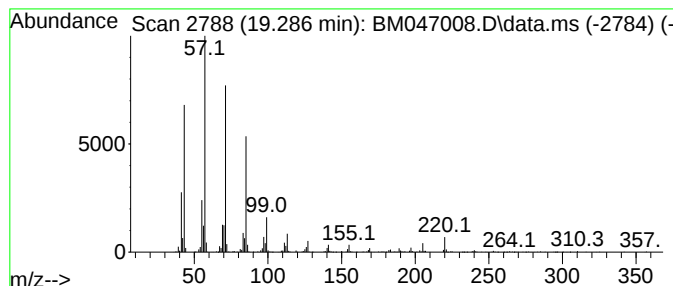
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BNA\_M  
ClientSampleId :  
DCVX5

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM080224.MA.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 61 Tridecane, 1-iodo- Concentration Rank 49

| R.T.      | EstConc              | Area   | Relative to ISTD | R.T.        |      |
|-----------|----------------------|--------|------------------|-------------|------|
| 19.286    | 5.86 ng/ul           | 778331 | Chrysene-d12     | 21.045      |      |
| Hit# of 5 | Tentative ID         | MW     | MolForm          | CAS#        | Qual |
| 1         | Tridecane, 1-iodo-   | 310    | C13H27I          | 035599-77-0 | 95   |
| 2         | Hexadecane           | 226    | C16H34           | 000544-76-3 | 90   |
| 3         | Nonadecane           | 268    | C19H40           | 000629-92-5 | 87   |
| 4         | Heneicosane          | 296    | C21H44           | 000629-94-7 | 87   |
| 5         | Tetradecane, 1-iodo- | 324    | C14H29I          | 019218-94-1 | 86   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM080524\  
Data File : BM047008.D  
Acq On : 06 Aug 2024 02:06  
Operator : RC/JU  
Sample : P3171-12  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DCVX5

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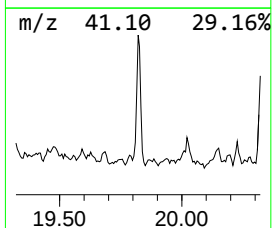
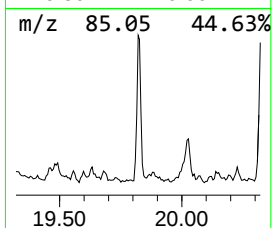
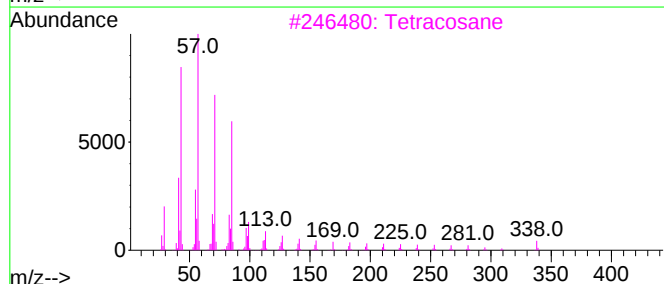
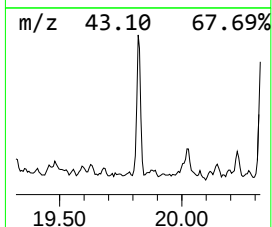
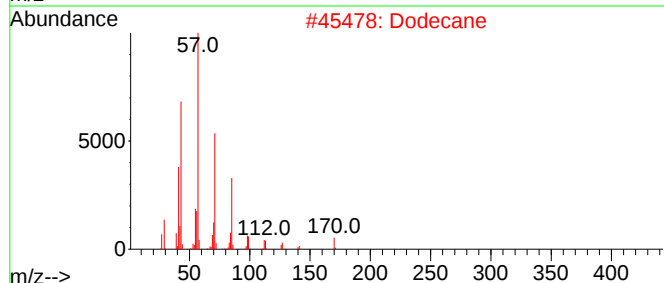
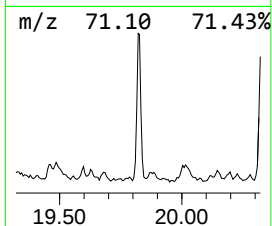
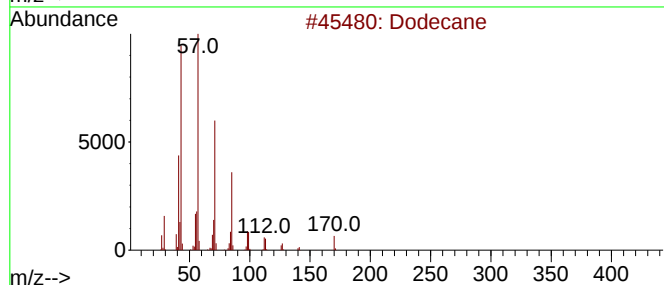
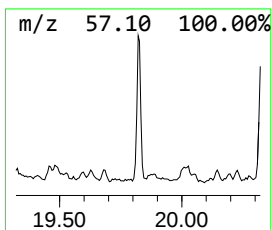
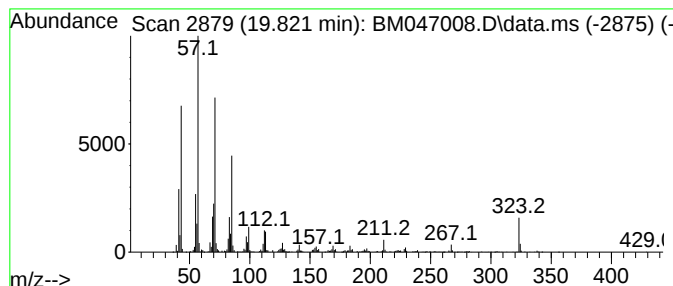
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 62 (DEL) Alkane: Straight-Chai... Concentration Rank 40

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 19.821 | 6.87 ng/ul | 911872 | Chrysene-d12     | 21.045 |

| Hit# | of | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------|-----|---------|-------------|------|
| 1    |    |   | Dodecane     | 170 | C12H26  | 000112-40-3 | 81   |
| 2    |    |   | Dodecane     | 170 | C12H26  | 000112-40-3 | 74   |
| 3    |    |   | Tetracosane  | 338 | C24H50  | 000646-31-1 | 70   |
| 4    |    |   | Octacosane   | 394 | C28H58  | 000630-02-4 | 70   |
| 5    |    |   | Eicosane     | 282 | C20H42  | 000112-95-8 | 70   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM080524\  
Data File : BM047008.D  
Acq On : 06 Aug 2024 02:06  
Operator : RC/JU  
Sample : P3171-12  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DCVX5

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM080224.MA.M  
Quant Title : SVOA CALIBRATION

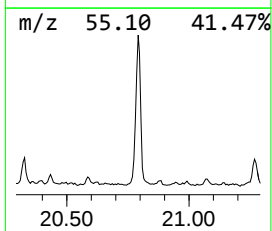
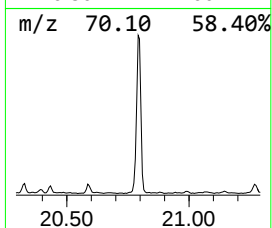
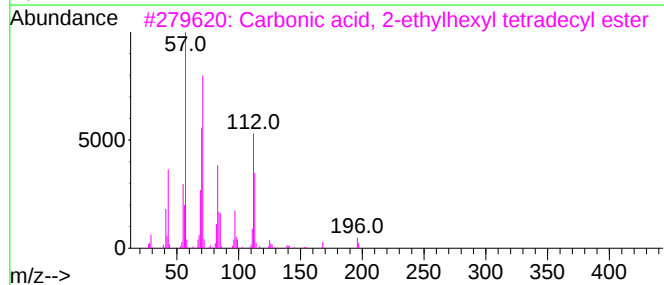
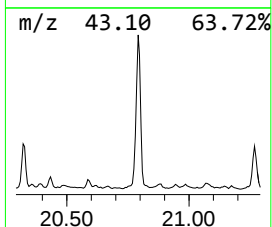
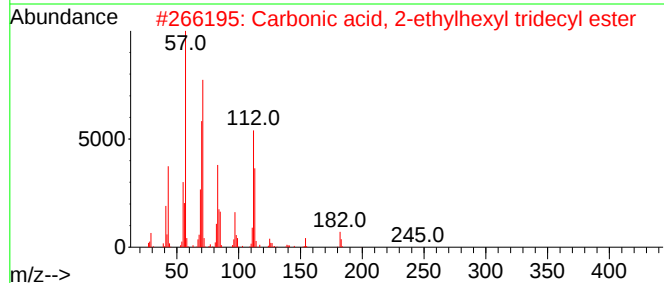
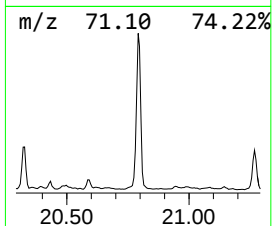
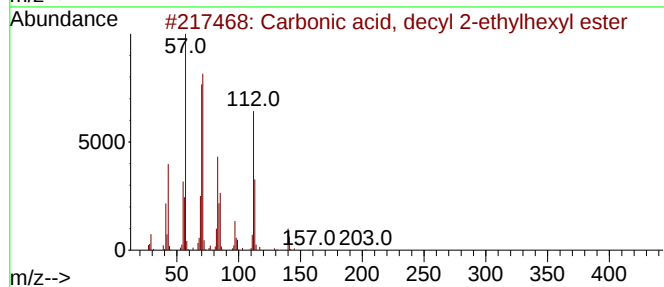
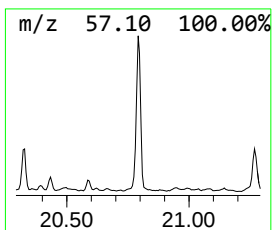
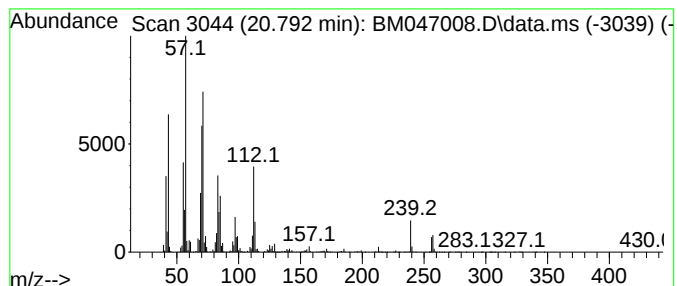
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 63 Carbonic acid, decyl 2-ethy... Concentration Rank 5

| R.T.   | EstConc     | Area    | Relative to ISTD | R.T.   |
|--------|-------------|---------|------------------|--------|
| 20.792 | 28.30 ng/ul | 3758820 | Chrysene-d12     | 21.045 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|----------|--------------|------|
| 1    |    |   | Carbonic acid, decyl 2-ethylhexy... | 314 | C19H38O3 | 1000383-13-7 | 86   |
| 2    |    |   | Carbonic acid, 2-ethylhexyl trid... | 356 | C22H44O3 | 1000383-14-0 | 83   |
| 3    |    |   | Carbonic acid, 2-ethylhexyl tetr... | 370 | C23H46O3 | 1010383-14-1 | 83   |
| 4    |    |   | Carbonic acid, 2-ethylhexyl pent... | 384 | C24H48O3 | 1000383-14-2 | 83   |
| 5    |    |   | Bacchotricuneatin c                 | 342 | C20H22O5 | 066563-30-2  | 80   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM080524\  
Data File : BM047008.D  
Acq On : 06 Aug 2024 02:06  
Operator : RC/JU  
Sample : P3171-12  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DCVX5

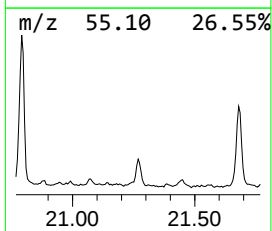
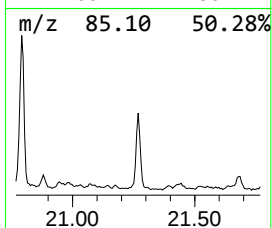
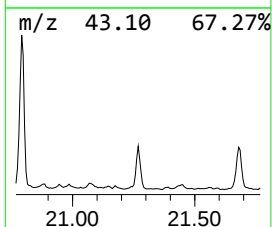
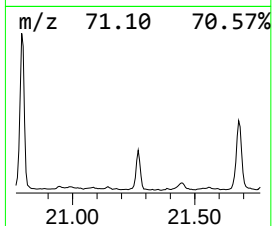
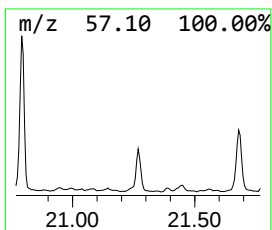
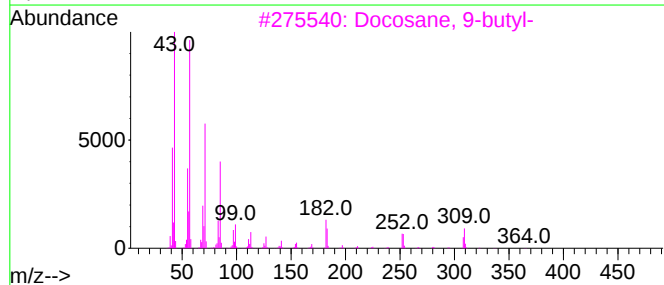
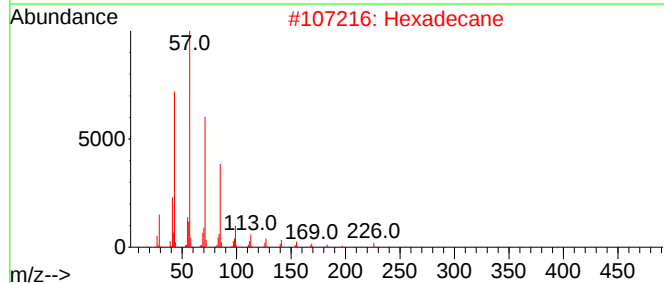
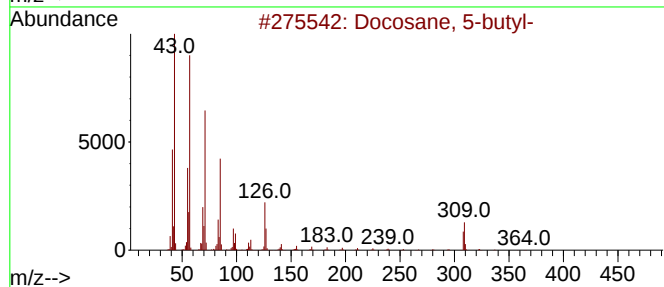
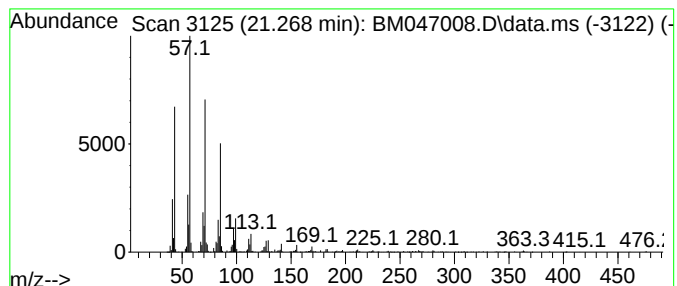
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM080224.MA.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 64 (DEL) Alkane: Straight-Chai... Concentration Rank 53

| R.T.      | EstConc            | Area   | Relative to ISTD |         | R.T.        |      |
|-----------|--------------------|--------|------------------|---------|-------------|------|
| 21.268    | 5.55 ng/ul         | 737432 | Chrysene-d12     |         | 21.045      |      |
| Hit# of 5 | Tentative ID       |        | MW               | MolForm | CAS#        | Qual |
| 1         | Docosane, 5-butyl- |        | 366              | C26H54  | 055282-16-1 | 95   |
| 2         | Hexadecane         |        | 226              | C16H34  | 000544-76-3 | 95   |
| 3         | Docosane, 9-butyl- |        | 366              | C26H54  | 055282-14-9 | 93   |
| 4         | Hexacosane         |        | 366              | C26H54  | 000630-01-3 | 90   |
| 5         | Heptadecane        |        | 240              | C17H36  | 000629-78-7 | 90   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM080524\  
Data File : BM047008.D  
Acq On : 06 Aug 2024 02:06  
Operator : RC/JU  
Sample : P3171-12  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DCVX5

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM080224.MA.M  
Quant Title : SVOA CALIBRATION

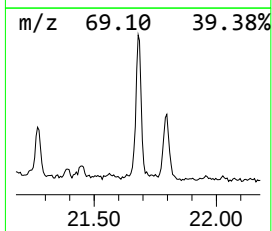
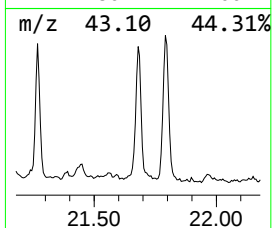
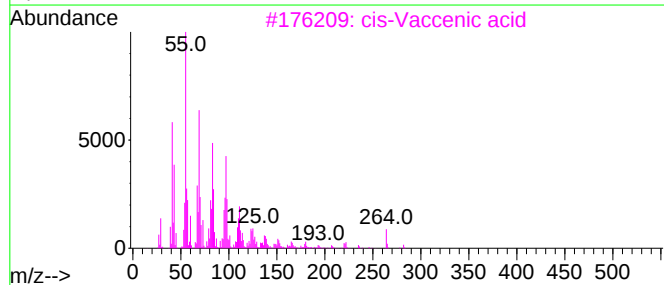
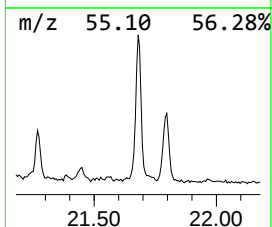
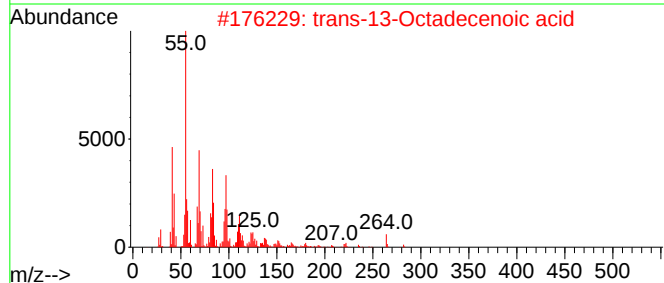
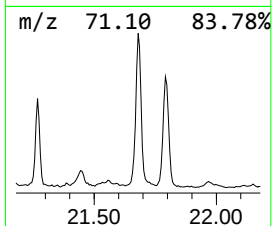
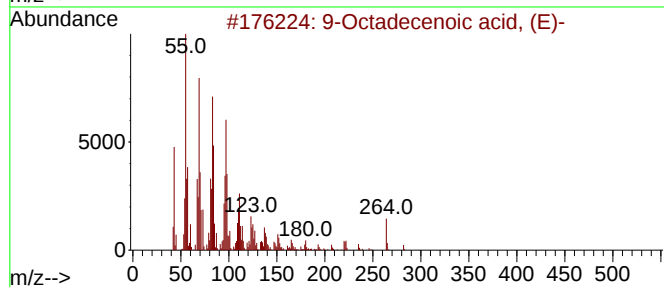
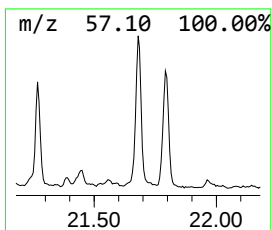
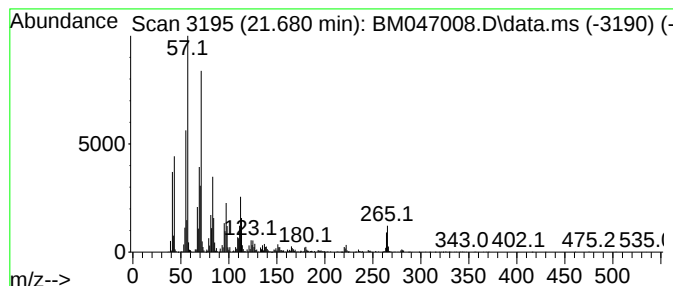
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 65 9-Octadecenoic acid, (E)- Concentration Rank 12

| R.T.   | EstConc     | Area    | Relative to ISTD | R.T.   |
|--------|-------------|---------|------------------|--------|
| 21.680 | 15.34 ng/ul | 2037930 | Chrysene-d12     | 21.045 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|----------|--------------|------|
| 1    |    |   | 9-Octadecenoic acid, (E)-           | 282 | C18H34O2 | 000112-79-8  | 91   |
| 2    |    |   | trans-13-Octadecenoic acid          | 282 | C18H34O2 | 000693-71-0  | 62   |
| 3    |    |   | cis-Vaccenic acid                   | 282 | C18H34O2 | 000506-17-2  | 55   |
| 4    |    |   | 1-Decene, 4-methyl-                 | 154 | C11H22   | 013151-29-6  | 53   |
| 5    |    |   | Carbonic acid, 2-ethylhexyl octa... | 426 | C27H54O3 | 1000383-14-5 | 52   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM080524\  
Data File : BM047008.D  
Acq On : 06 Aug 2024 02:06  
Operator : RC/JU  
Sample : P3171-12  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DCVX5

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM080224.MA.M  
Quant Title : SVOA CALIBRATION

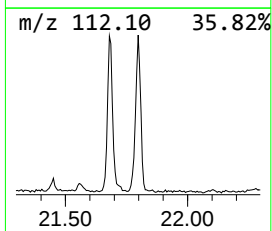
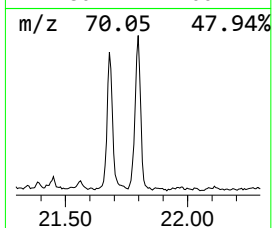
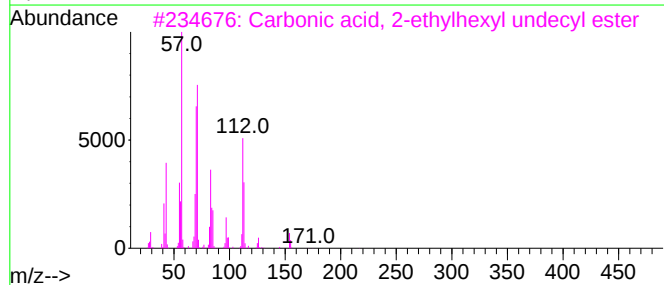
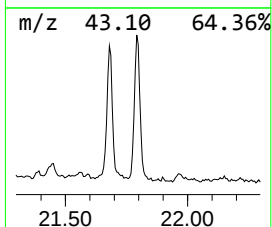
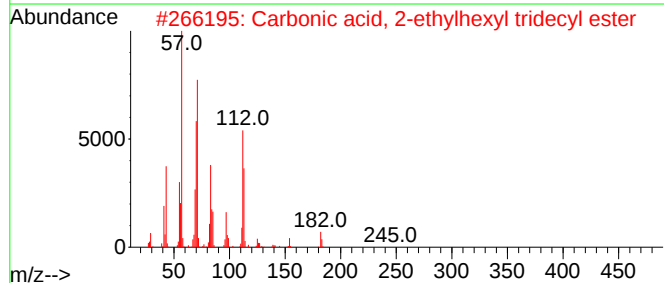
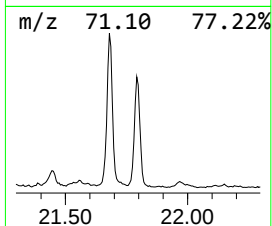
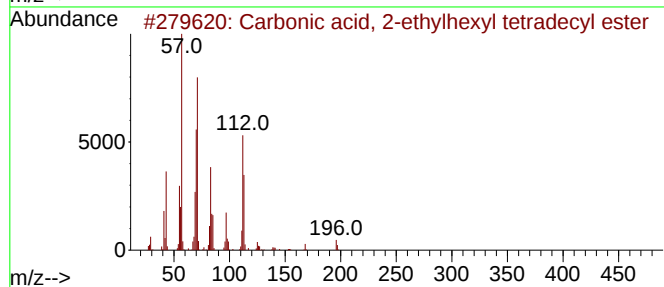
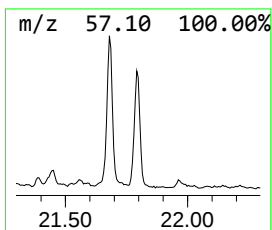
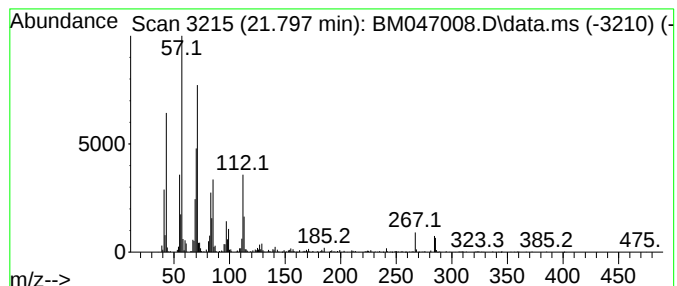
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 66 Carbonic acid, 2-ethylhexyl... Concentration Rank 28

| R.T.   | EstConc    | Area    | Relative to ISTD | R.T.   |
|--------|------------|---------|------------------|--------|
| 21.797 | 9.40 ng/ul | 1247810 | Chrysene-d12     | 21.045 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|----------|--------------|------|
| 1    |    |   | Carbonic acid, 2-ethylhexyl tetr... | 370 | C23H46O3 | 1010383-14-1 | 83   |
| 2    |    |   | Carbonic acid, 2-ethylhexyl trid... | 356 | C22H44O3 | 1000383-14-0 | 83   |
| 3    |    |   | Carbonic acid, 2-ethylhexyl unde... | 328 | C20H40O3 | 1000383-13-8 | 80   |
| 4    |    |   | Carbonic acid, 2-ethylhexyl hept... | 412 | C26H52O3 | 1000383-14-4 | 80   |
| 5    |    |   | Nonane, 4-methyl-5-propyl-          | 184 | C13H28   | 062185-55-1  | 76   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM080524\  
 Data File : BM047008.D  
 Acq On : 06 Aug 2024 02:06  
 Operator : RC/JU  
 Sample : P3171-12  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DCVX5

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM080224.MA.M  
 Quant Title : SVOA CALIBRATION

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

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |         |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|---------|------|
|                    |        |         |       |          | #                     | RT     | Resp    | Conc |
| Butanoic acid      | 3.675  | 6.2     | ng/ul | 686355   | 1                     | 7.398  | 2223890 | 20.0 |
| (DEL) Alkane: S... | 5.463  | 13.2    | ng/ul | 1472450  | 1                     | 7.398  | 2223890 | 20.0 |
| (DEL) Alkane: C... | 6.063  | 5.9     | ng/ul | 654539   | 1                     | 7.398  | 2223890 | 20.0 |
| (DEL) Alkane: S... | 6.416  | 6.7     | ng/ul | 741557   | 1                     | 7.398  | 2223890 | 20.0 |
| (DEL) Alkane: S... | 6.469  | 9.3     | ng/ul | 1037040  | 1                     | 7.398  | 2223890 | 20.0 |
| Benzene, 1-ethy... | 6.504  | 6.0     | ng/ul | 667028   | 1                     | 7.398  | 2223890 | 20.0 |
| 2-Heptanone, 4,... | 6.851  | 6.3     | ng/ul | 700878   | 1                     | 7.398  | 2223890 | 20.0 |
| Carbonic acid, ... | 7.040  | 55.4    | ng/ul | 6162850  | 1                     | 7.398  | 2223890 | 20.0 |
| 1-Hexanol, 2-et... | 7.481  | 36.9    | ng/ul | 4098440  | 1                     | 7.398  | 2223890 | 20.0 |
| (DEL) Alkane: C... | 7.675  | 9.8     | ng/ul | 1088830  | 1                     | 7.398  | 2223890 | 20.0 |
| Cyclohexanone, ... | 7.828  | 7.2     | ng/ul | 795940   | 1                     | 7.398  | 2223890 | 20.0 |
| Benzene, 1-meth... | 7.934  | 14.3    | ng/ul | 1590910  | 1                     | 7.398  | 2223890 | 20.0 |
| (DEL) Alkane: S... | 7.992  | 7.4     | ng/ul | 827016   | 1                     | 7.398  | 2223890 | 20.0 |
| Benzene, 1,4-di... | 8.034  | 8.4     | ng/ul | 933826   | 1                     | 7.398  | 2223890 | 20.0 |
| (DEL) Alkane: S... | 8.063  | 8.2     | ng/ul | 912628   | 1                     | 7.398  | 2223890 | 20.0 |
| Benzene, 2-ethy... | 8.339  | 5.7     | ng/ul | 634307   | 1                     | 7.398  | 2223890 | 20.0 |
| p-Cymene           | 8.392  | 6.4     | ng/ul | 707997   | 1                     | 7.398  | 2223890 | 20.0 |
| (DEL) Alkane: S... | 8.628  | 51.1    | ng/ul | 5684260  | 1                     | 7.398  | 2223890 | 20.0 |
| unknown-01         | 8.734  | 18.9    | ng/ul | 2105840  | 1                     | 7.398  | 2223890 | 20.0 |
| (DEL) Alkane: S... | 9.469  | 4.3     | ng/ul | 1353700  | 2                     | 10.151 | 6282540 | 20.0 |
| (DEL) Alkane: S... | 9.534  | 2.4     | ng/ul | 748917   | 2                     | 10.151 | 6282540 | 20.0 |
| (DEL) Alkane: S... | 9.616  | 2.5     | ng/ul | 778544   | 2                     | 10.151 | 6282540 | 20.0 |
| unknown-02         | 10.557 | 7.5     | ng/ul | 2354440  | 2                     | 10.151 | 6282540 | 20.0 |
| (DEL) Alkane: S... | 11.098 | 2.5     | ng/ul | 801530   | 2                     | 10.151 | 6282540 | 20.0 |
| (DEL) Alkane: S... | 11.204 | 6.1     | ng/ul | 1916590  | 2                     | 10.151 | 6282540 | 20.0 |
| (DEL) Alkane: S... | 11.616 | 10.5    | ng/ul | 3286770  | 2                     | 10.151 | 6282540 | 20.0 |
| (DEL) Alkane: S... | 12.380 | 5.0     | ng/ul | 637503   | 3                     | 14.051 | 2562960 | 20.0 |
| (DEL) Alkane: S... | 12.457 | 5.2     | ng/ul | 662337   | 3                     | 14.051 | 2562960 | 20.0 |
| (DEL) Alkane: S... | 12.598 | 9.7     | ng/ul | 1242350  | 3                     | 14.051 | 2562960 | 20.0 |
| Naphthalene, 1,... | 13.210 | 8.2     | ng/ul | 1052090  | 3                     | 14.051 | 2562960 | 20.0 |
| Naphthalene, 2,... | 13.369 | 9.5     | ng/ul | 1216100  | 3                     | 14.051 | 2562960 | 20.0 |
| Naphthalene, 2,... | 13.422 | 10.8    | ng/ul | 1386490  | 3                     | 14.051 | 2562960 | 20.0 |
| Carbonic acid, ... | 13.569 | 13.3    | ng/ul | 1702580  | 3                     | 14.051 | 2562960 | 20.0 |
| Naphthalene, 1,... | 13.610 | 5.6     | ng/ul | 712932   | 3                     | 14.051 | 2562960 | 20.0 |
| (DEL) Alkane: S... | 13.992 | 27.1    | ng/ul | 3478960  | 3                     | 14.051 | 2562960 | 20.0 |
| unknown-03         | 14.169 | 10.5    | ng/ul | 1341600  | 3                     | 14.051 | 2562960 | 20.0 |
| unknown-04         | 14.216 | 11.2    | ng/ul | 1437320  | 3                     | 14.051 | 2562960 | 20.0 |
| Naphthalene, 1,... | 14.463 | 5.2     | ng/ul | 659425   | 3                     | 14.051 | 2562960 | 20.0 |
| Naphthalene, 1,... | 14.545 | 4.9     | ng/ul | 629156   | 3                     | 14.051 | 2562960 | 20.0 |
| (DEL) Alkane: S... | 14.616 | 8.4     | ng/ul | 1074620  | 3                     | 14.051 | 2562960 | 20.0 |
| 4,6,8-Trimethyl... | 14.833 | 11.9    | ng/ul | 1521090  | 3                     | 14.051 | 2562960 | 20.0 |
| Sulfurous acid,... | 14.951 | 22.6    | ng/ul | 2892910  | 3                     | 14.051 | 2562960 | 20.0 |
| (DEL) Alkane: S... | 15.363 | 14.6    | ng/ul | 1864260  | 3                     | 14.051 | 2562960 | 20.0 |
| (DEL) Alkane: S... | 15.574 | 6.7     | ng/ul | 733707   | 4                     | 16.815 | 2183750 | 20.0 |
| 2-Methylidenehy... | 15.716 | 5.7     | ng/ul | 624832   | 4                     | 16.815 | 2183750 | 20.0 |
| (DEL) Alkane: S... | 15.821 | 29.9    | ng/ul | 3270710  | 4                     | 16.815 | 2183750 | 20.0 |
| (DEL) Alkane: S... | 15.845 | 12.8    | ng/ul | 1394370  | 4                     | 16.815 | 2183750 | 20.0 |
| (DEL) Alkane: S... | 16.163 | 9.1     | ng/ul | 990192   | 4                     | 16.815 | 2183750 | 20.0 |
| (DEL) Alkane: S... | 16.615 | 22.4    | ng/ul | 2449390  | 4                     | 16.815 | 2183750 | 20.0 |
| (DEL) Alkane: S... | 16.668 | 13.2    | ng/ul | 1442800  | 4                     | 16.815 | 2183750 | 20.0 |
| (DEL) Alkane: S... | 17.357 | 20.1    | ng/ul | 2191910  | 4                     | 16.815 | 2183750 | 20.0 |
| Hexadecanoic ac... | 17.527 | 7.7     | ng/ul | 842724   | 4                     | 16.815 | 2183750 | 20.0 |

|                    |        |      |       |         |   |        |         |      |
|--------------------|--------|------|-------|---------|---|--------|---------|------|
| n-Hexadecanoic ... | 17.751 | 9.1  | ng/ul | 993209  | 4 | 16.815 | 2183750 | 20.0 |
| (DEL) Alkane: S... | 18.051 | 15.0 | ng/ul | 1637780 | 4 | 16.815 | 2183750 | 20.0 |
| (DEL) Alkane: S... | 18.692 | 18.4 | ng/ul | 2003630 | 4 | 16.815 | 2183750 | 20.0 |
| Tridecane, 1-iodo- | 19.286 | 5.9  | ng/ul | 778331  | 5 | 21.045 | 2656230 | 20.0 |
| (DEL) Alkane: S... | 19.821 | 6.9  | ng/ul | 911872  | 5 | 21.045 | 2656230 | 20.0 |
| Carbonic acid, ... | 20.792 | 28.3 | ng/ul | 3758820 | 5 | 21.045 | 2656230 | 20.0 |
| (DEL) Alkane: S... | 21.268 | 5.5  | ng/ul | 737432  | 5 | 21.045 | 2656230 | 20.0 |
| 9-Octadecenoic ... | 21.680 | 15.3 | ng/ul | 2037930 | 5 | 21.045 | 2656230 | 20.0 |
| Carbonic acid, ... | 21.797 | 9.4  | ng/ul | 1247810 | 5 | 21.045 | 2656230 | 20.0 |

Instrument :

BNA\_M

ClientSampleId :

DCVX5