

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM100224\  
 Data File : BM047796.D  
 Acq On : 03 Oct 2024 04:27  
 Operator : RC/JU  
 Sample : P4020-12  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DDCK8

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-BM092724.MA.M  
 Title : SVOA CALIBRATION

Signal : TIC: BM047796.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         | 5.834       | 477           | 484         | 493          | rVB2     | 4092298        | 6303154       | 5.61%           | 0.942%        |
| 2         | 6.140       | 530           | 536         | 541          | rVV      | 2675303        | 4474486       | 3.99%           | 0.668%        |
| 3         | 6.375       | 571           | 576         | 580          | rVV      | 1658290        | 2353126       | 2.10%           | 0.352%        |
| 4         | 6.810       | 646           | 650         | 654          | rVV2     | 2377715        | 3740402       | 3.33%           | 0.559%        |
| 5         | 6.863       | 654           | 659         | 662          | rVV      | 3085579        | 4299041       | 3.83%           | 0.642%        |
| 6         | 6.898       | 662           | 665         | 670          | rVV      | 2454842        | 3827410       | 3.41%           | 0.572%        |
| 7         | 6.969       | 670           | 677         | 683          | rVV4     | 4174306        | 8265138       | 7.36%           | 1.235%        |
| 8         | 7.034       | 683           | 688         | 693          | rVB      | 1627834        | 2363118       | 2.10%           | 0.353%        |
| 9         | 7.198       | 710           | 716         | 720          | rVV2     | 1780651        | 3064689       | 2.73%           | 0.458%        |
| 10        | 7.239       | 720           | 723         | 727          | rVV      | 2248601        | 3114711       | 2.77%           | 0.465%        |
| 11        | 7.334       | 731           | 739         | 744          | rVV5     | 1519944        | 3479207       | 3.10%           | 0.520%        |
| 12        | 7.445       | 752           | 758         | 766          | rVB2     | 13474861       | 24829550      | 22.12%          | 3.709%        |
| 13        | 7.734       | 796           | 807         | 812          | rVV5     | 1028749        | 3035839       | 2.70%           | 0.454%        |
| 14        | 7.798       | 812           | 818         | 823          | rVB2     | 3862894        | 6669440       | 5.94%           | 0.996%        |
| 15        | 7.881       | 823           | 832         | 837          | rBV      | 6895851        | 12152240      | 10.82%          | 1.815%        |
| 16        | 7.928       | 837           | 840         | 848          | rVB3     | 1569947        | 2558291       | 2.28%           | 0.382%        |
| 17        | 8.104       | 867           | 870         | 877          | rVB3     | 1519125        | 2533390       | 2.26%           | 0.378%        |
| 18        | 8.239       | 888           | 893         | 898          | rBV      | 3989920        | 6740274       | 6.00%           | 1.007%        |
| 19        | 8.345       | 907           | 911         | 917          | rVB2     | 2927247        | 5302961       | 4.72%           | 0.792%        |
| 20        | 8.404       | 917           | 921         | 925          | rBV      | 2084587        | 2653684       | 2.36%           | 0.396%        |
| 21        | 8.451       | 925           | 929         | 930          | rBV2     | 2696695        | 3267715       | 2.91%           | 0.488%        |
| 22        | 8.475       | 931           | 933         | 937          | rVB      | 2807931        | 3093024       | 2.76%           | 0.462%        |
| 23        | 8.581       | 945           | 951         | 954          | rBV      | 3521214        | 5315874       | 4.74%           | 0.794%        |
| 24        | 8.616       | 954           | 957         | 965          | rVB      | 1916995        | 3398754       | 3.03%           | 0.508%        |
| 25        | 8.763       | 977           | 982         | 985          | rBV      | 1659397        | 2378559       | 2.12%           | 0.355%        |
| 26        | 8.810       | 985           | 990         | 998          | rVB2     | 2350065        | 4494971       | 4.00%           | 0.672%        |
| 27        | 8.916       | 998           | 1008        | 1014         | rBV3     | 2842852        | 7079191       | 6.31%           | 1.058%        |
| 28        | 9.045       | 1019          | 1030        | 1035         | rVB      | 12317222       | 21202278      | 18.89%          | 3.167%        |
| 29        | 9.169       | 1046          | 1051        | 1056         | rVB4     | 1681780        | 3623443       | 3.23%           | 0.541%        |
| 30        | 9.604       | 1117          | 1125        | 1131         | rVB3     | 1222560        | 2705952       | 2.41%           | 0.404%        |
| 31        | 9.692       | 1131          | 1140        | 1144         | rBV6     | 1511171        | 4095870       | 3.65%           | 0.612%        |
| 32        | 9.751       | 1144          | 1150        | 1153         | rBV3     | 1579156        | 2998769       | 2.67%           | 0.448%        |
| 33        | 9.892       | 1165          | 1174        | 1179         | rVB      | 1959055        | 4536485       | 4.04%           | 0.678%        |
| 34        | 9.957       | 1180          | 1185        | 1189         | rVV2     | 1500935        | 2326376       | 2.07%           | 0.348%        |
| 35        | 10.039      | 1195          | 1199        | 1202         | rVV      | 1724153        | 3037249       | 2.71%           | 0.454%        |
| 36        | 10.298      | 1238          | 1243        | 1248         | rBV2     | 1596922        | 2636269       | 2.35%           | 0.394%        |

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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-BM092724.MA.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |          |          |        |        |
|----|--------|------|------|------|------|----------|----------|--------|--------|
| 37 | 10.486 | 1268 | 1275 | 1281 | rBV5 | 823027   | 2513185  | 2.24%  | 0.375% |
| 38 | 10.604 | 1285 | 1295 | 1301 | rVV4 | 13586478 | 31726534 | 28.26% | 4.740% |
| 39 | 10.727 | 1310 | 1316 | 1321 | rBV3 | 5433617  | 9701530  | 8.64%  | 1.449% |
| 40 | 10.892 | 1337 | 1344 | 1354 | rVB5 | 1079710  | 2826133  | 2.52%  | 0.422% |
| 41 | 10.986 | 1354 | 1360 | 1372 | rBV  | 5864618  | 9939431  | 8.85%  | 1.485% |
| 42 | 11.110 | 1372 | 1381 | 1388 | rBV  | 3079080  | 6385707  | 5.69%  | 0.954% |
| 43 | 11.498 | 1442 | 1447 | 1449 | rVV  | 1454380  | 2477122  | 2.21%  | 0.370% |
| 44 | 11.522 | 1449 | 1451 | 1462 | rVV4 | 1697635  | 3157244  | 2.81%  | 0.472% |
| 45 | 11.633 | 1465 | 1470 | 1475 | rVV  | 3309379  | 5584014  | 4.97%  | 0.834% |
| 46 | 11.704 | 1475 | 1482 | 1489 | rVB3 | 2259680  | 4828277  | 4.30%  | 0.721% |
| 47 | 11.869 | 1501 | 1510 | 1519 | rVV2 | 3347462  | 6620313  | 5.90%  | 0.989% |
| 48 | 12.033 | 1531 | 1538 | 1541 | rVV2 | 5634633  | 9703592  | 8.64%  | 1.450% |
| 49 | 12.069 | 1541 | 1544 | 1549 | rVV  | 3120687  | 4534854  | 4.04%  | 0.677% |
| 50 | 12.169 | 1549 | 1561 | 1564 | rVV7 | 928480   | 3275017  | 2.92%  | 0.489% |
| 51 | 12.274 | 1572 | 1579 | 1586 | rVB2 | 5657179  | 11036034 | 9.83%  | 1.649% |
| 52 | 12.439 | 1602 | 1607 | 1611 | rBV3 | 2548509  | 4332320  | 3.86%  | 0.647% |
| 53 | 12.986 | 1696 | 1700 | 1703 | rVV  | 1625164  | 2425972  | 2.16%  | 0.362% |
| 54 | 13.274 | 1743 | 1749 | 1756 | rBV  | 6144178  | 9969414  | 8.88%  | 1.489% |
| 55 | 13.410 | 1768 | 1772 | 1780 | rVV3 | 1205917  | 2516323  | 2.24%  | 0.376% |
| 56 | 13.498 | 1784 | 1787 | 1794 | rVB3 | 1676940  | 2816607  | 2.51%  | 0.421% |
| 57 | 13.627 | 1800 | 1809 | 1814 | rBV5 | 2299720  | 6049484  | 5.39%  | 0.904% |
| 58 | 13.710 | 1818 | 1823 | 1827 | rBV  | 1864818  | 2680912  | 2.39%  | 0.401% |
| 59 | 13.763 | 1827 | 1832 | 1837 | rBV2 | 2196463  | 4565107  | 4.07%  | 0.682% |
| 60 | 13.815 | 1838 | 1841 | 1844 | rVV  | 1574264  | 2333738  | 2.08%  | 0.349% |
| 61 | 13.845 | 1844 | 1846 | 1853 | rVB  | 1962017  | 2638434  | 2.35%  | 0.394% |
| 62 | 13.933 | 1853 | 1861 | 1865 | rBV2 | 2480886  | 4869163  | 4.34%  | 0.727% |
| 63 | 14.351 | 1927 | 1932 | 1937 | rBV  | 10999629 | 15426888 | 13.74% | 2.305% |
| 64 | 14.439 | 1944 | 1947 | 1952 | rVB  | 2559971  | 3696214  | 3.29%  | 0.552% |
| 65 | 14.521 | 1957 | 1961 | 1967 | rVB4 | 2155578  | 3217086  | 2.87%  | 0.481% |
| 66 | 14.586 | 1968 | 1972 | 1976 | rVV  | 2849910  | 3696580  | 3.29%  | 0.552% |
| 67 | 14.651 | 1979 | 1983 | 1991 | rVB4 | 1203681  | 2795104  | 2.49%  | 0.418% |
| 68 | 14.845 | 2012 | 2016 | 2021 | rVB2 | 1938376  | 3214931  | 2.86%  | 0.480% |
| 69 | 14.915 | 2022 | 2028 | 2032 | rBV2 | 1359557  | 2459581  | 2.19%  | 0.367% |
| 70 | 14.974 | 2033 | 2038 | 2043 | rBV5 | 1624123  | 3524280  | 3.14%  | 0.527% |
| 71 | 15.074 | 2049 | 2055 | 2064 | rVB  | 10973103 | 18529561 | 16.51% | 2.768% |
| 72 | 15.204 | 2073 | 2077 | 2081 | rVV  | 3371579  | 5488050  | 4.89%  | 0.820% |
| 73 | 15.298 | 2085 | 2093 | 2098 | rVB  | 6795450  | 11126418 | 9.91%  | 1.662% |
| 74 | 15.433 | 2112 | 2116 | 2120 | rVB  | 2221363  | 2959935  | 2.64%  | 0.442% |
| 75 | 15.545 | 2129 | 2135 | 2137 | rBV4 | 2133736  | 3785430  | 3.37%  | 0.566% |
| 76 | 15.704 | 2156 | 2162 | 2172 | rVB2 | 2827722  | 5687673  | 5.07%  | 0.850% |

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Instrument :  
 BNA\_M  
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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-BM092724.MA.M  
 Title : SVOA CALIBRATION

|     |        |      |      |      |      |          |           |         |         |
|-----|--------|------|------|------|------|----------|-----------|---------|---------|
| 77  | 15.798 | 2174 | 2178 | 2184 | rVB3 | 1820746  | 2933133   | 2.61%   | 0.438%  |
| 78  | 16.162 | 2235 | 2240 | 2242 | rBV  | 7067267  | 10225795  | 9.11%   | 1.528%  |
| 79  | 16.886 | 2349 | 2363 | 2367 | rVV  | 33127915 | 112265530 | 100.00% | 16.772% |
| 80  | 16.951 | 2367 | 2374 | 2378 | rVV  | 6515870  | 9358522   | 8.34%   | 1.398%  |
| 81  | 17.004 | 2379 | 2383 | 2392 | rVB2 | 3451456  | 6029043   | 5.37%   | 0.901%  |
| 82  | 17.192 | 2410 | 2415 | 2419 | rBV  | 3213389  | 4909972   | 4.37%   | 0.734%  |
| 83  | 17.286 | 2427 | 2431 | 2434 | rVB  | 2583213  | 3499977   | 3.12%   | 0.523%  |
| 84  | 17.480 | 2459 | 2464 | 2470 | rVB4 | 1497211  | 2733418   | 2.43%   | 0.408%  |
| 85  | 17.686 | 2494 | 2499 | 2504 | rVB  | 6094652  | 7899446   | 7.04%   | 1.180%  |
| 86  | 17.856 | 2523 | 2528 | 2532 | rVB  | 5310463  | 6718997   | 5.98%   | 1.004%  |
| 87  | 18.074 | 2563 | 2565 | 2578 | rVB3 | 2155986  | 4472932   | 3.98%   | 0.668%  |
| 88  | 18.374 | 2611 | 2616 | 2623 | rBV  | 5121862  | 6496185   | 5.79%   | 0.970%  |
| 89  | 19.003 | 2719 | 2723 | 2725 | rBV  | 4098951  | 5619750   | 5.01%   | 0.840%  |
| 90  | 19.156 | 2745 | 2749 | 2754 | rVB2 | 2287871  | 2916375   | 2.60%   | 0.436%  |
| 91  | 19.580 | 2814 | 2821 | 2825 | rBV3 | 3654839  | 7150015   | 6.37%   | 1.068%  |
| 92  | 20.109 | 2907 | 2911 | 2917 | rBV2 | 3032573  | 3647448   | 3.25%   | 0.545%  |
| 93  | 20.603 | 2991 | 2995 | 2999 | rBV  | 2563889  | 2797570   | 2.49%   | 0.418%  |
| 94  | 21.086 | 3072 | 3077 | 3090 | rVB  | 6100550  | 8540128   | 7.61%   | 1.276%  |
| 95  | 21.397 | 3125 | 3130 | 3136 | rVB2 | 2913483  | 4476445   | 3.99%   | 0.669%  |
| 96  | 21.597 | 3160 | 3164 | 3175 | rVB  | 2104678  | 3226295   | 2.87%   | 0.482%  |
| 97  | 22.050 | 3236 | 3241 | 3249 | rVB  | 2245218  | 3617861   | 3.22%   | 0.540%  |
| 98  | 22.168 | 3255 | 3261 | 3274 | rVB3 | 2922069  | 5823842   | 5.19%   | 0.870%  |
| 99  | 24.197 | 3599 | 3606 | 3615 | rVB  | 1626619  | 3976946   | 3.54%   | 0.594%  |
| 100 | 24.403 | 3633 | 3641 | 3657 | rVB2 | 2191940  | 6975172   | 6.21%   | 1.042%  |

Sum of corrected areas: 669375919

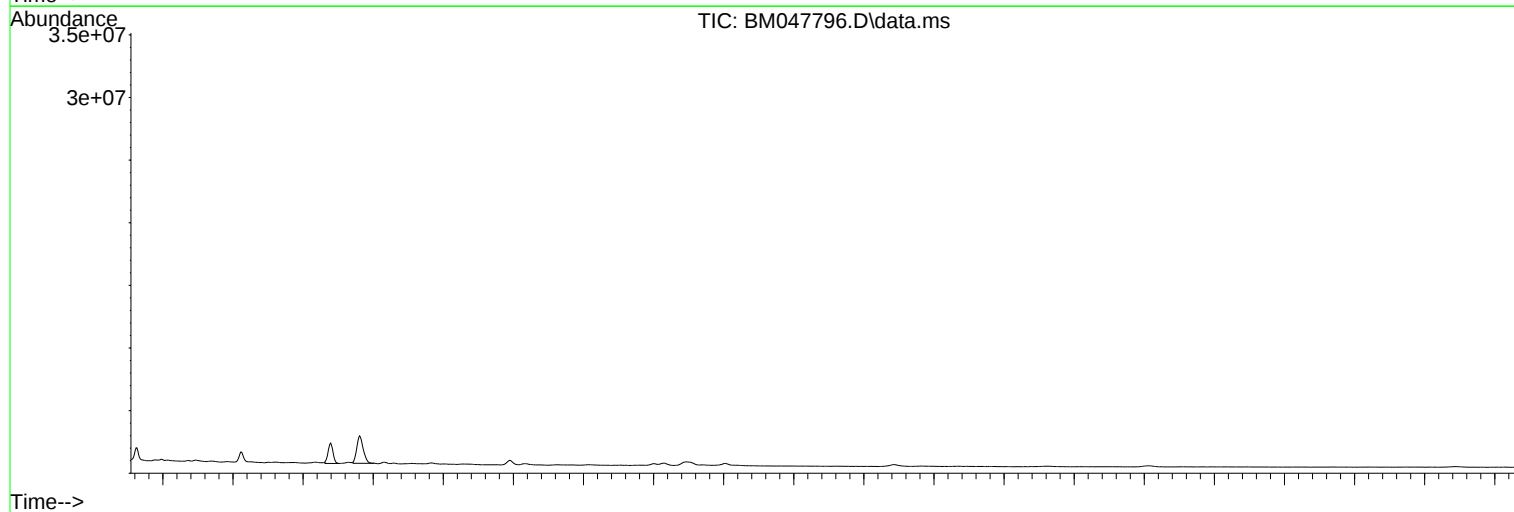
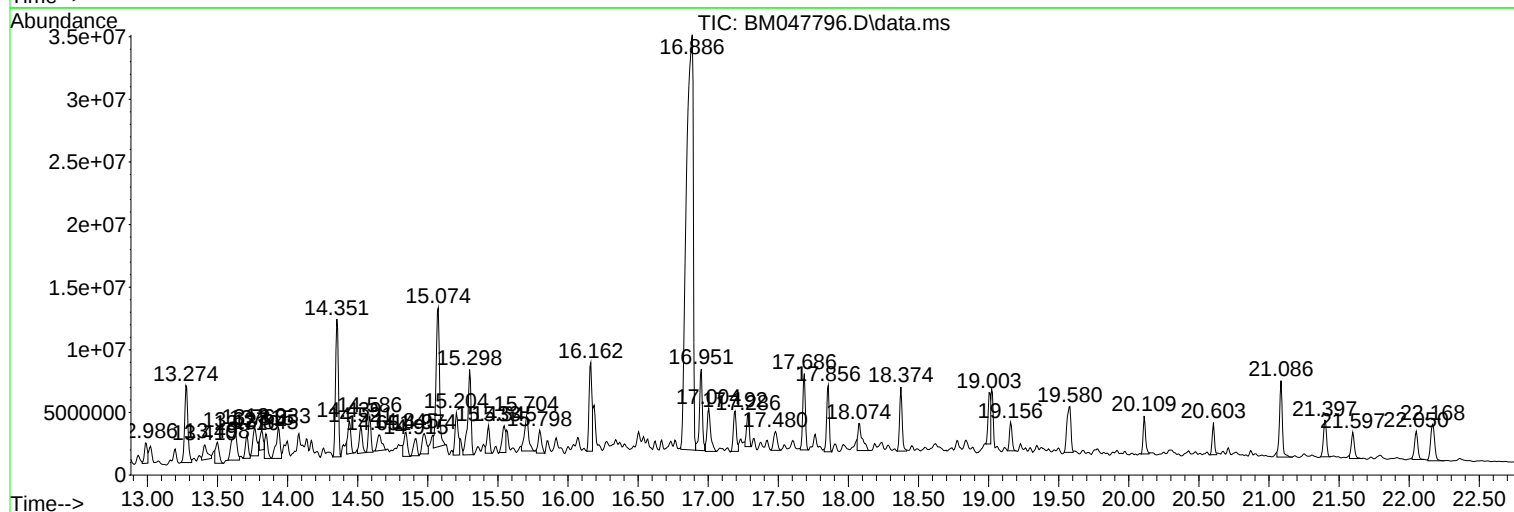
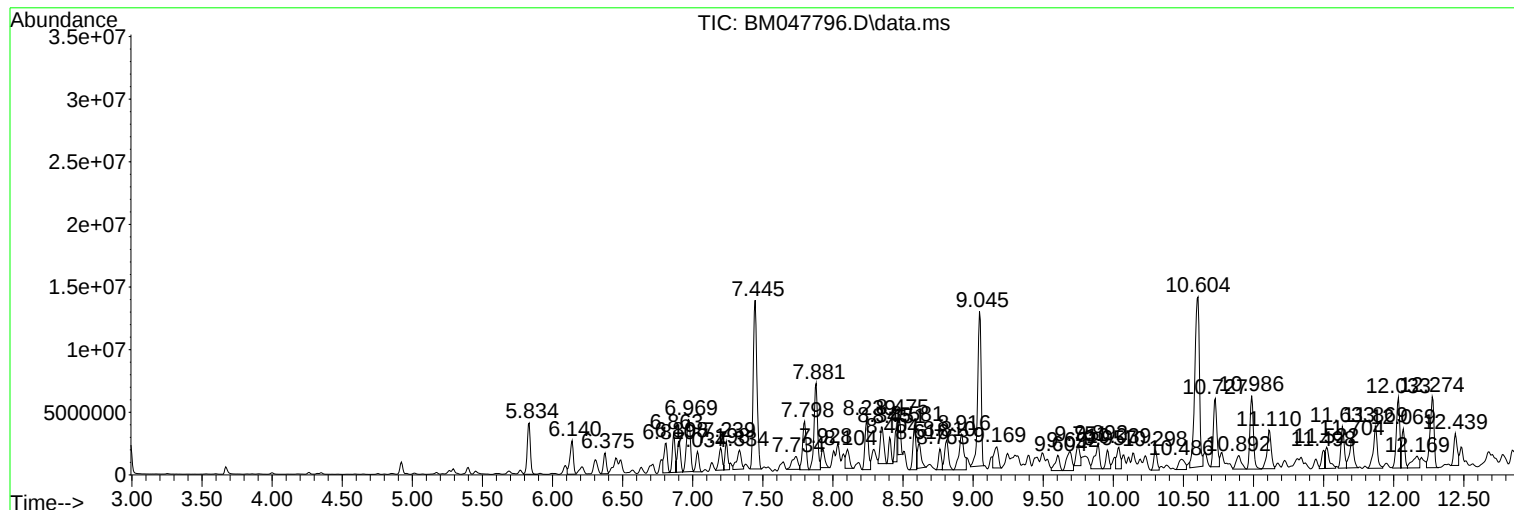
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM092724.MA.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P



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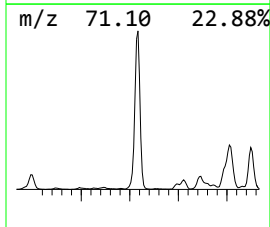
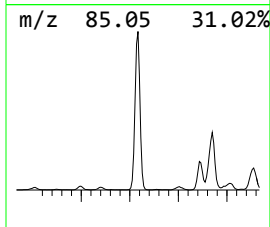
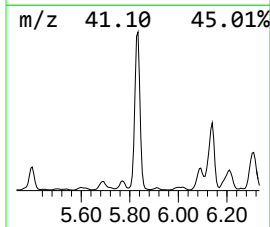
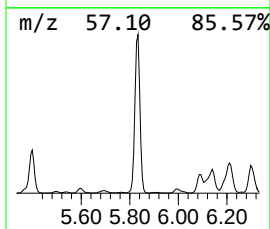
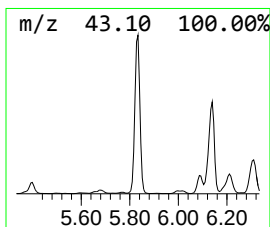
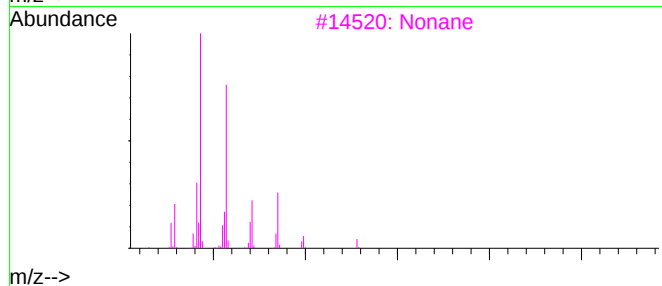
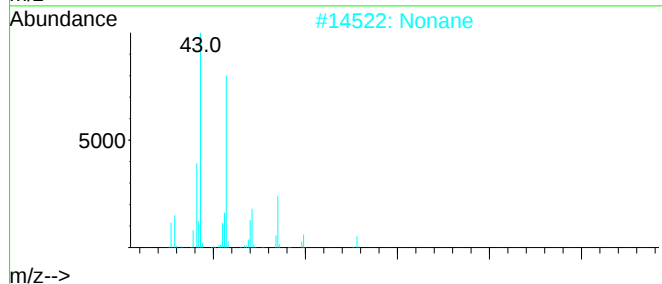
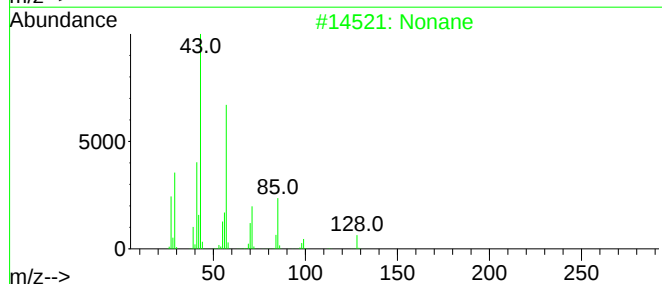
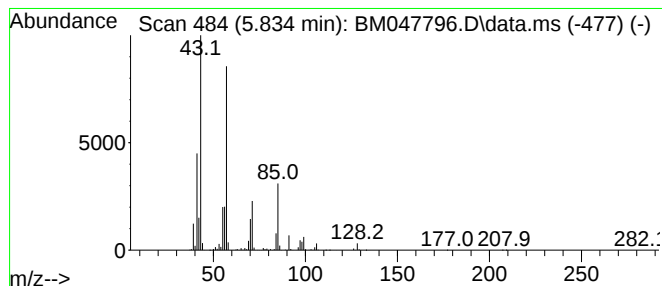
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

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Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 22

| R.T.      | EstConc      | Area    | Relative to ISTD       | R.T.        |      |
|-----------|--------------|---------|------------------------|-------------|------|
| 5.834     | 18.90 ng/ul  | 6303150 | 1,4-Dichlorobenzene-d4 | 7.804       |      |
| Hit# of 5 | Tentative ID | MW      | MolForm                | CAS#        | Qual |
| 1         | Nonane       | 128     | C9H20                  | 000111-84-2 | 90   |
| 2         | Nonane       | 128     | C9H20                  | 000111-84-2 | 83   |
| 3         | Nonane       | 128     | C9H20                  | 000111-84-2 | 74   |
| 4         | Decane       | 142     | C10H22                 | 000124-18-5 | 64   |
| 5         | Octane       | 114     | C8H18                  | 000111-65-9 | 59   |



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TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

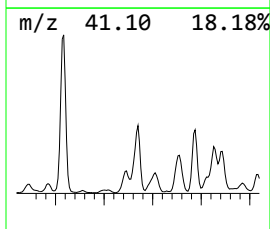
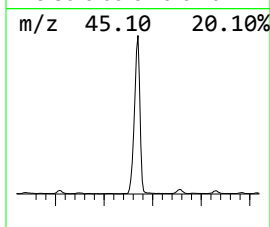
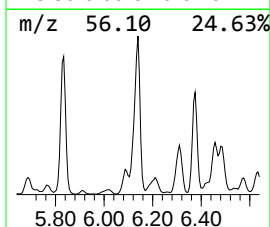
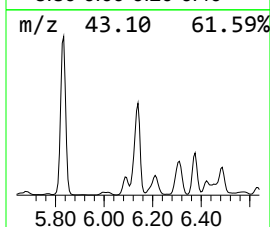
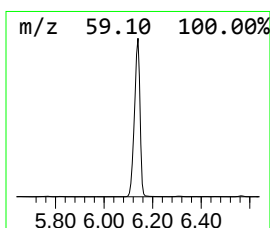
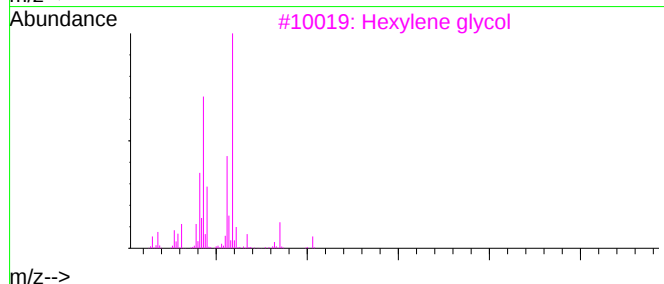
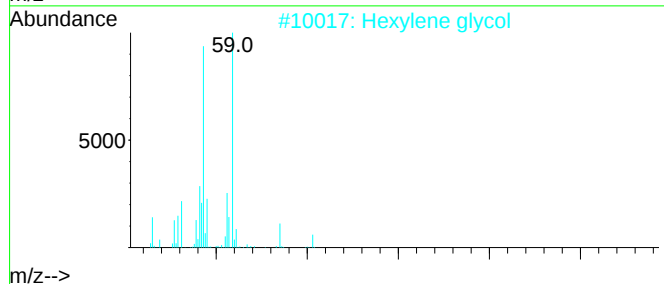
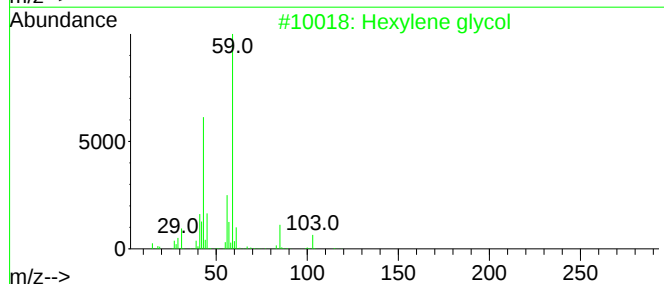
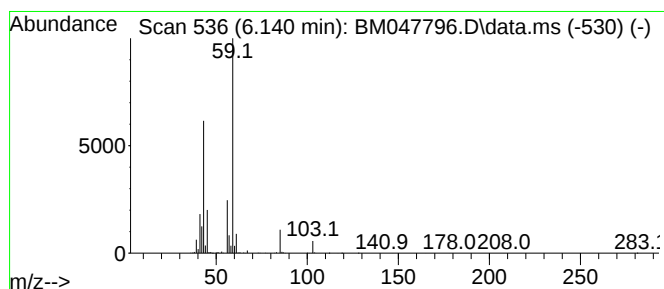
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Peak Number 2 Hexylene glycol Concentration Rank 35

| R.T.  | EstConc     | Area    | Relative to ISTD       | R.T.  |
|-------|-------------|---------|------------------------|-------|
| 6.140 | 13.42 ng/ul | 4474490 | 1,4-Dichlorobenzene-d4 | 7.804 |

| Hit# of 5 | Tentative ID                     | MW  | MolForm | CAS#        | Qual |
|-----------|----------------------------------|-----|---------|-------------|------|
| 1         | Hexylene glycol                  | 118 | C6H14O2 | 000107-41-5 | 78   |
| 2         | Hexylene glycol                  | 118 | C6H14O2 | 000107-41-5 | 64   |
| 3         | Hexylene glycol                  | 118 | C6H14O2 | 000107-41-5 | 59   |
| 4         | Hexylene glycol                  | 118 | C6H14O2 | 000107-41-5 | 53   |
| 5         | (R)-(-)-2-Methyl-2,4-pentanediol | 118 | C6H14O2 | 099210-90-9 | 50   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM100224\  
Data File : BM047796.D  
Acq On : 03 Oct 2024 04:27  
Operator : RC/JU  
Sample : P4020-12  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DDCK8

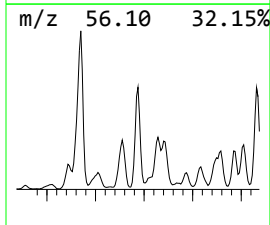
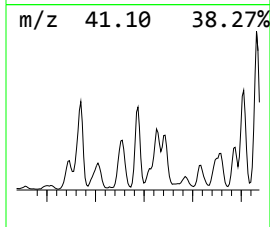
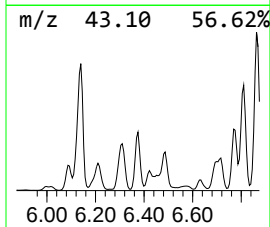
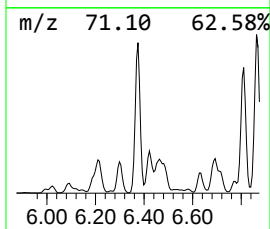
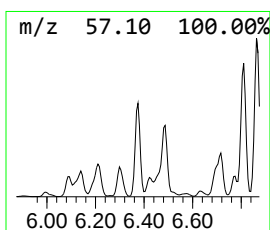
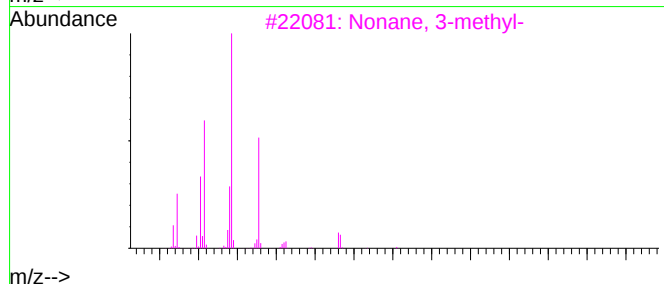
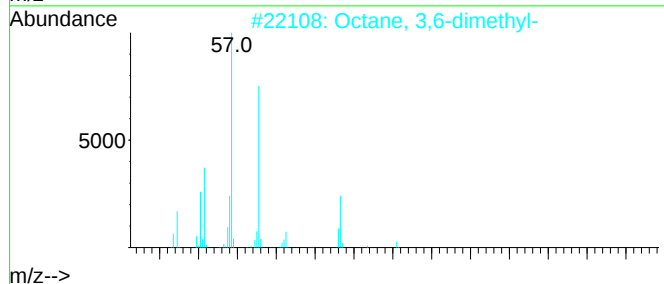
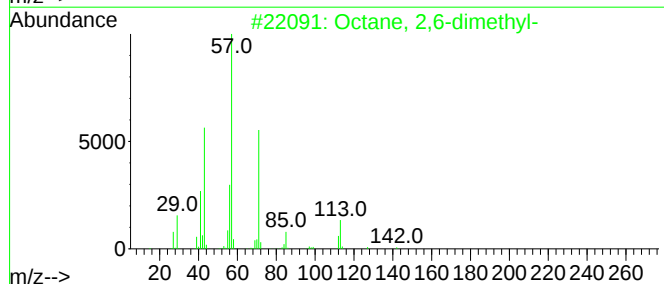
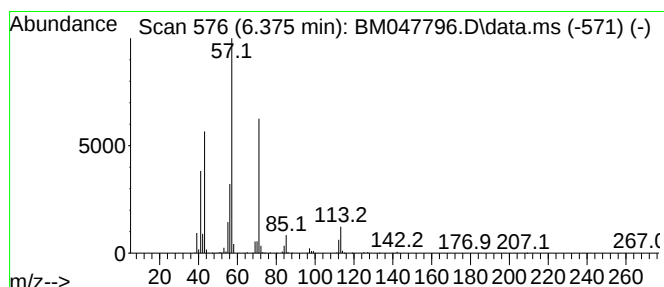
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Quant Title : SVOA CALIBRATION

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

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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 54

| R.T.      | EstConc               | Area    | Relative to ISTD       | R.T.        |      |
|-----------|-----------------------|---------|------------------------|-------------|------|
| 6.375     | 7.06 ng/ul            | 2353130 | 1,4-Dichlorobenzene-d4 | 7.804       |      |
| Hit# of 5 | Tentative ID          | MW      | MolForm                | CAS#        | Qual |
| 1         | Octane, 2,6-dimethyl- | 142     | C10H22                 | 002051-30-1 | 94   |
| 2         | Octane, 3,6-dimethyl- | 142     | C10H22                 | 015869-94-0 | 91   |
| 3         | Nonane, 3-methyl-     | 142     | C10H22                 | 005911-04-6 | 90   |
| 4         | Nonane, 3-methyl-     | 142     | C10H22                 | 005911-04-6 | 90   |
| 5         | Octane, 3,6-dimethyl- | 142     | C10H22                 | 015869-94-0 | 90   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM100224\  
Data File : BM047796.D  
Acq On : 03 Oct 2024 04:27  
Operator : RC/JU  
Sample : P4020-12  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DDCK8

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM092724.MA.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

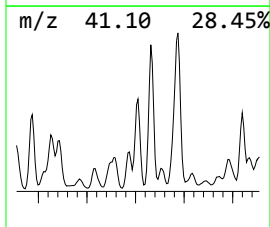
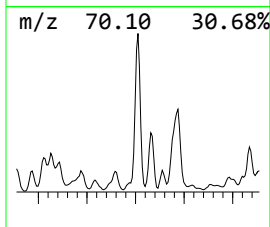
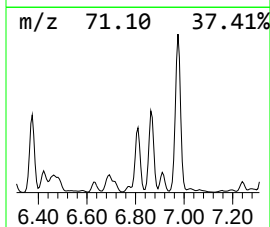
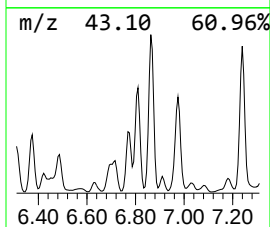
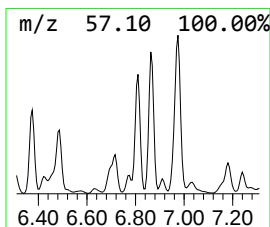
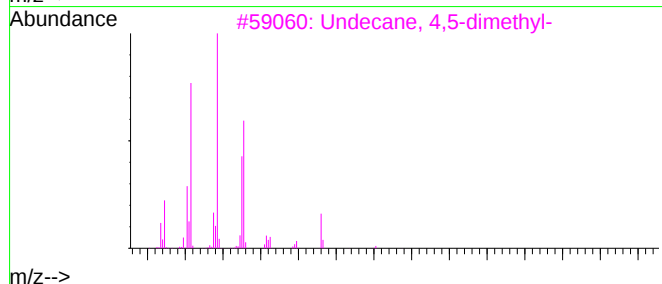
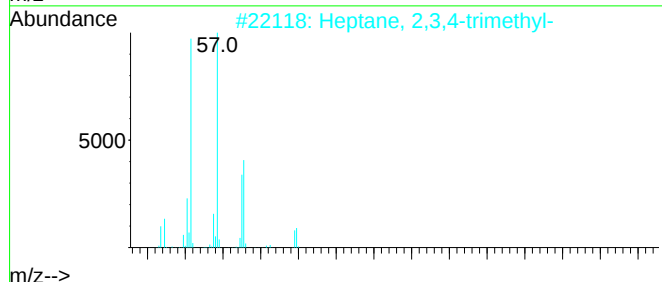
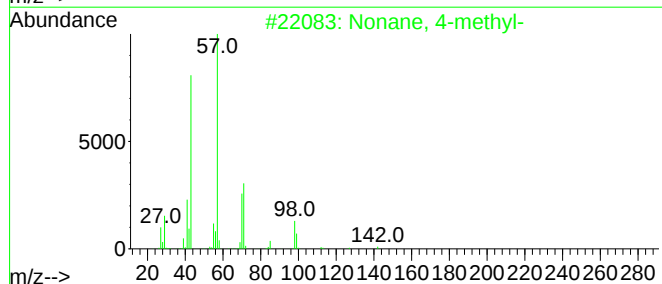
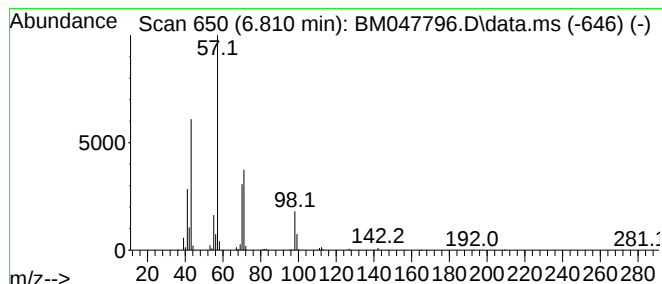
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 41

| R.T.  | EstConc     | Area    | Relative to ISTD       | R.T.  |
|-------|-------------|---------|------------------------|-------|
| 6.810 | 11.22 ng/ul | 3740400 | 1,4-Dichlorobenzene-d4 | 7.804 |

| Hit# of 5 | Tentative ID              | MW  | MolForm | CAS#        | Qual |
|-----------|---------------------------|-----|---------|-------------|------|
| 1         | Nonane, 4-methyl-         | 142 | C10H22  | 017301-94-9 | 91   |
| 2         | Heptane, 2,3,4-trimethyl- | 142 | C10H22  | 052896-95-4 | 64   |
| 3         | Undecane, 4,5-dimethyl-   | 184 | C13H28  | 017312-79-7 | 59   |
| 4         | Nonane, 4-methyl-         | 142 | C10H22  | 017301-94-9 | 53   |
| 5         | Pentane, 2,3,4-trimethyl- | 114 | C8H18   | 000565-75-3 | 50   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM100224\  
Data File : BM047796.D  
Acq On : 03 Oct 2024 04:27  
Operator : RC/JU  
Sample : P4020-12  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DDCK8

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM092724.MA.M  
Quant Title : SVOA CALIBRATION

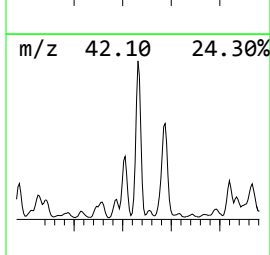
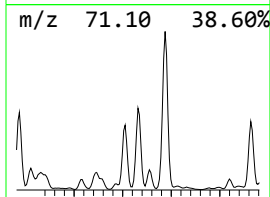
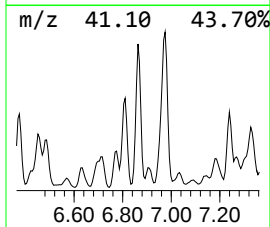
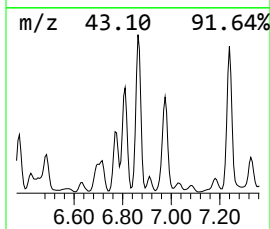
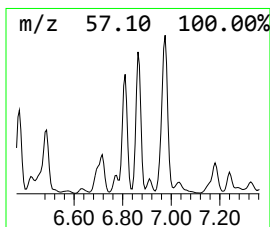
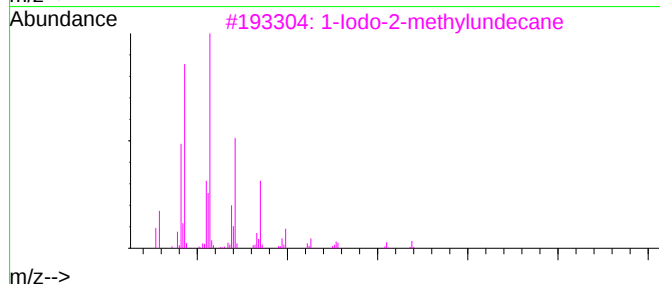
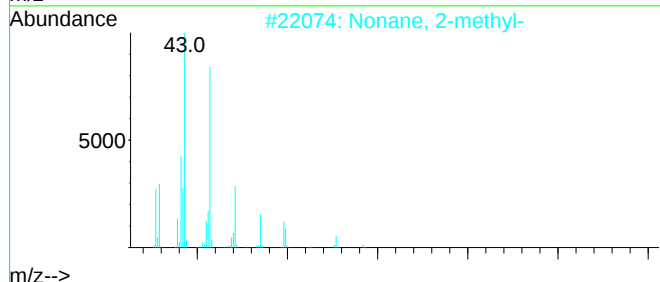
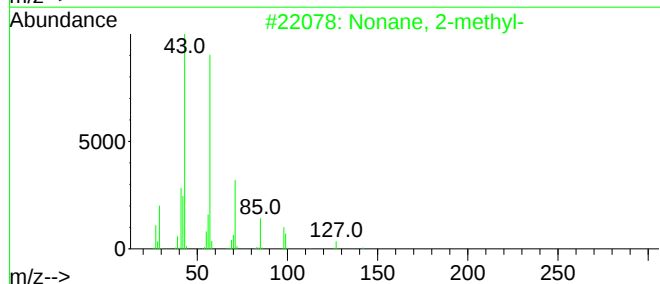
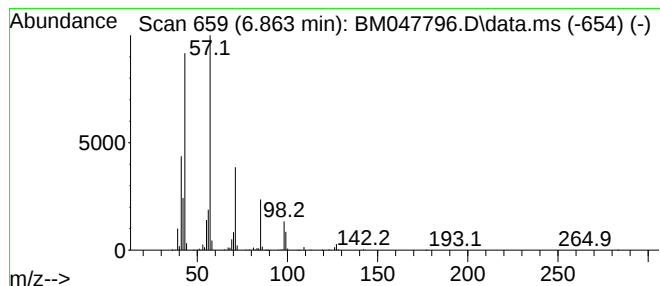
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TIC Integration Parameters: LSCINT.P

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Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 37

| R.T.      | EstConc                   | Area    | Relative to ISTD       | R.T.        |      |
|-----------|---------------------------|---------|------------------------|-------------|------|
| 6.863     | 12.89 ng/ul               | 4299040 | 1,4-Dichlorobenzene-d4 | 7.804       |      |
| Hit# of 5 | Tentative ID              | MW      | MolForm                | CAS#        | Qual |
| 1         | Nonane, 2-methyl-         | 142     | C10H22                 | 000871-83-0 | 91   |
| 2         | Nonane, 2-methyl-         | 142     | C10H22                 | 000871-83-0 | 83   |
| 3         | 1-Iodo-2-methylundecane   | 296     | C12H25I                | 073105-67-6 | 72   |
| 4         | Octane, 4-ethyl-          | 142     | C10H22                 | 015869-86-0 | 64   |
| 5         | Decane, 6-ethyl-2-methyl- | 184     | C13H28                 | 062108-21-8 | 64   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM100224\  
Data File : BM047796.D  
Acq On : 03 Oct 2024 04:27  
Operator : RC/JU  
Sample : P4020-12  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DDCK8

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM092724.MA.M  
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TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

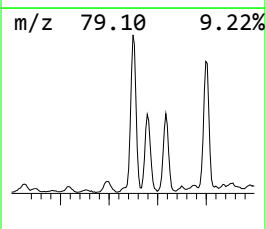
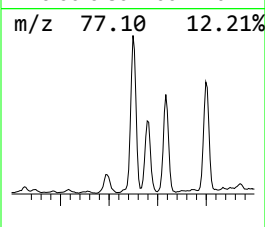
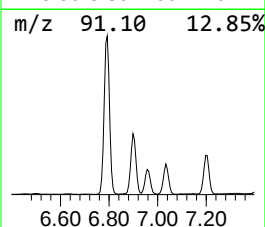
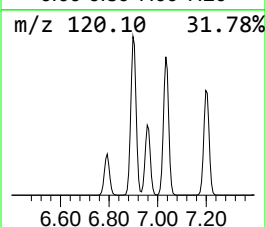
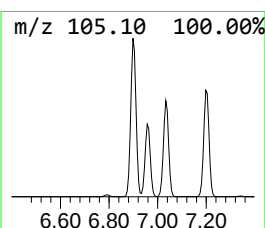
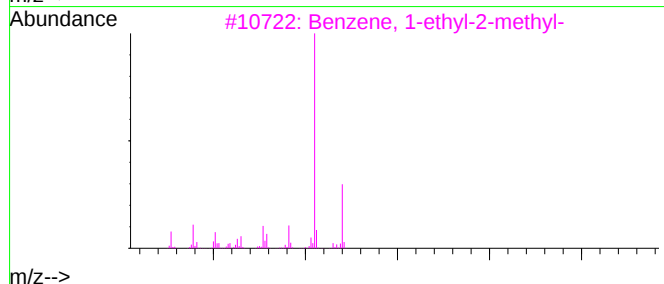
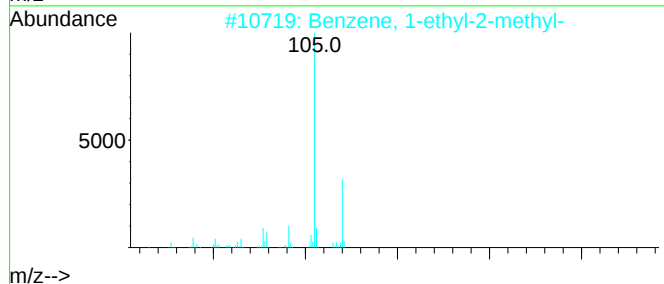
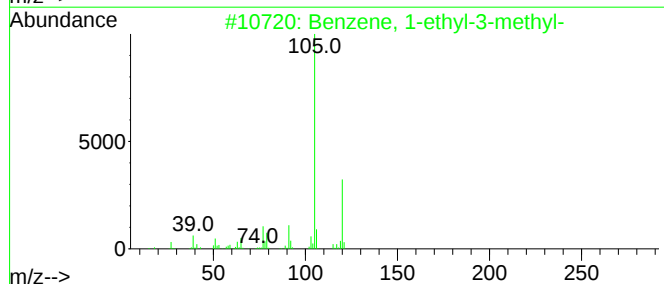
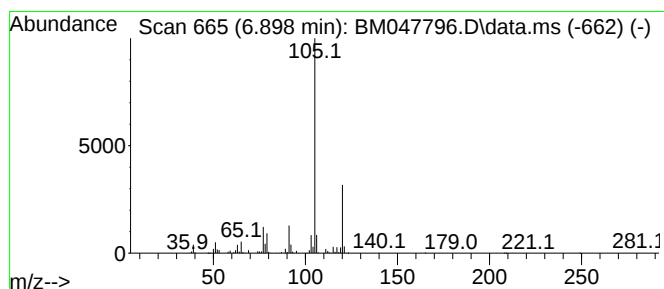
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Peak Number 6 Benzene, 1-ethyl-3-methyl- Concentration Rank 40

| R.T.  | EstConc     | Area    | Relative to ISTD       | R.T.  |
|-------|-------------|---------|------------------------|-------|
| 6.898 | 11.48 ng/ul | 3827410 | 1,4-Dichlorobenzene-d4 | 7.804 |

| Hit# of 5 | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|-----------|----------------------------|-----|---------|-------------|------|
| 1         | Benzene, 1-ethyl-3-methyl- | 120 | C9H12   | 000620-14-4 | 95   |
| 2         | Benzene, 1-ethyl-2-methyl- | 120 | C9H12   | 000611-14-3 | 95   |
| 3         | Benzene, 1-ethyl-2-methyl- | 120 | C9H12   | 000611-14-3 | 95   |
| 4         | Benzene, 1-ethyl-3-methyl- | 120 | C9H12   | 000620-14-4 | 94   |
| 5         | Benzene, 1-ethyl-4-methyl- | 120 | C9H12   | 000622-96-8 | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM100224\  
Data File : BM047796.D  
Acq On : 03 Oct 2024 04:27  
Operator : RC/JU  
Sample : P4020-12  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DDCK8

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM092724.MA.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L

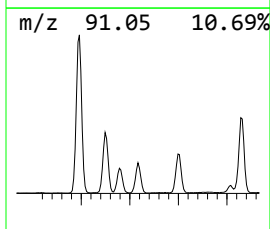
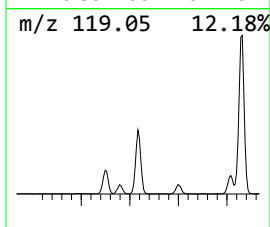
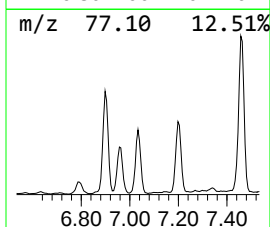
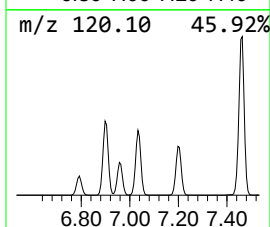
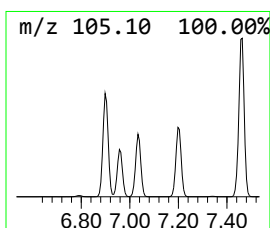
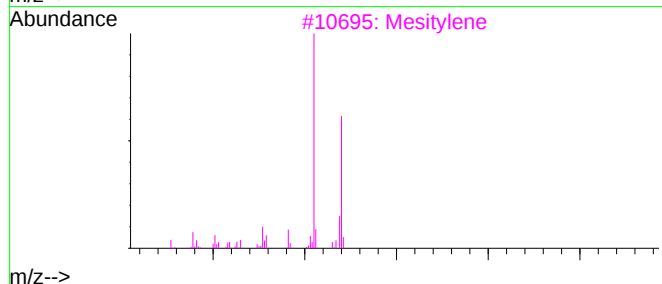
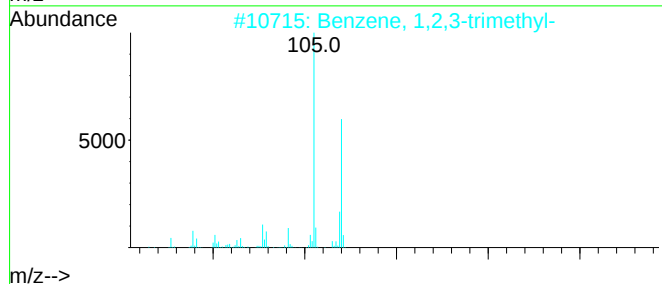
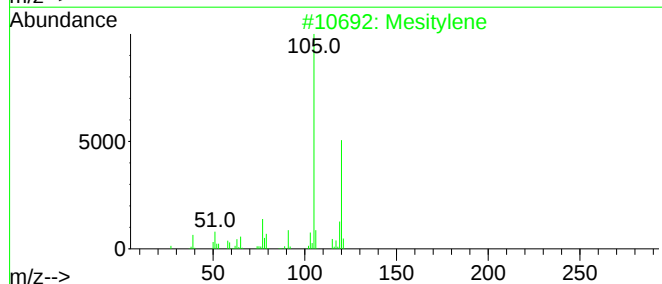
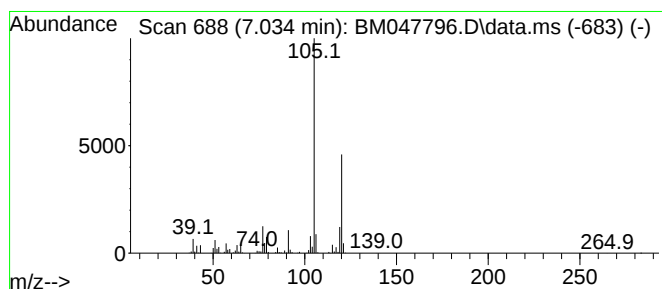
TIC Integration Parameters: LSCINT.P

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Peak Number 7 Mesitylene Concentration Rank 53

| R.T.  | EstConc    | Area    | Relative to ISTD       | R.T.  |
|-------|------------|---------|------------------------|-------|
| 7.034 | 7.09 ng/ul | 2363120 | 1,4-Dichlorobenzene-d4 | 7.804 |

| Hit# of 5 | Tentative ID              | MW  | MolForm | CAS#        | Qual |
|-----------|---------------------------|-----|---------|-------------|------|
| 1         | Mesitylene                | 120 | C9H12   | 000108-67-8 | 97   |
| 2         | Benzene, 1,2,3-trimethyl- | 120 | C9H12   | 000526-73-8 | 97   |
| 3         | Mesitylene                | 120 | C9H12   | 000108-67-8 | 97   |
| 4         | Mesitylene                | 120 | C9H12   | 000108-67-8 | 94   |
| 5         | Mesitylene                | 120 | C9H12   | 000108-67-8 | 94   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM100224\  
Data File : BM047796.D  
Acq On : 03 Oct 2024 04:27  
Operator : RC/JU  
Sample : P4020-12  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DDCK8

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM092724.MA.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

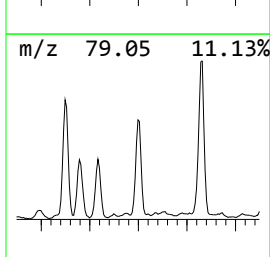
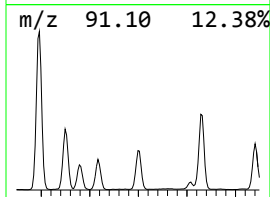
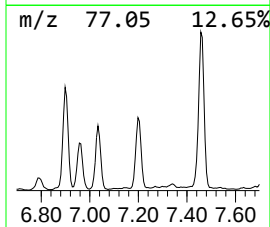
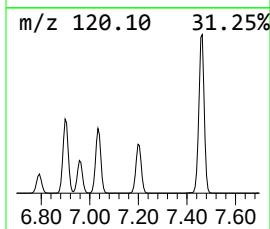
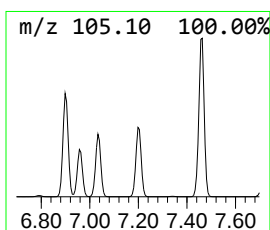
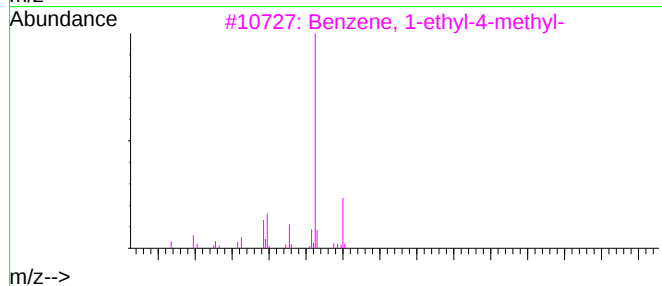
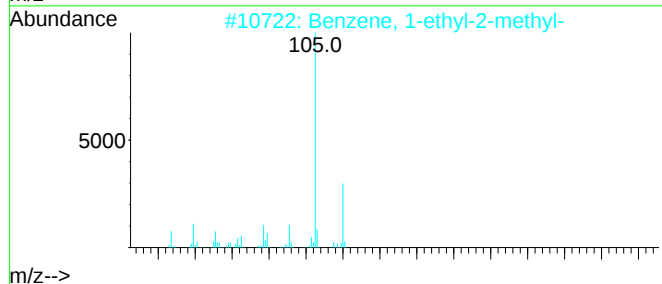
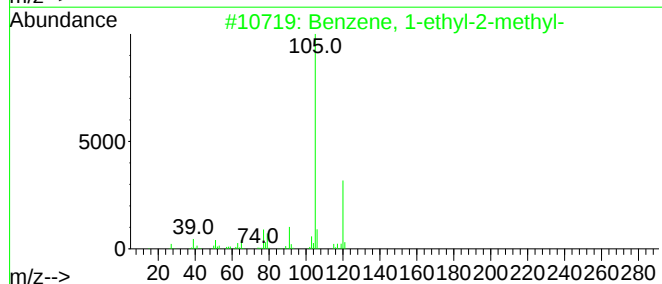
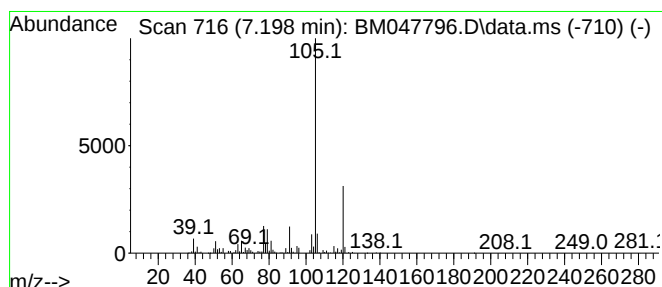
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Peak Number 8 Benzene, 1-ethyl-2-methyl- Concentration Rank 47

| R.T.  | EstConc    | Area    | Relative to ISTD       | R.T.  |
|-------|------------|---------|------------------------|-------|
| 7.198 | 9.19 ng/ul | 3064690 | 1,4-Dichlorobenzene-d4 | 7.804 |

| Hit# of 5 | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|-----------|----------------------------|-----|---------|-------------|------|
| 1         | Benzene, 1-ethyl-2-methyl- | 120 | C9H12   | 000611-14-3 | 94   |
| 2         | Benzene, 1-ethyl-2-methyl- | 120 | C9H12   | 000611-14-3 | 94   |
| 3         | Benzene, 1-ethyl-4-methyl- | 120 | C9H12   | 000622-96-8 | 94   |
| 4         | Benzene, 1,2,3-trimethyl-  | 120 | C9H12   | 000526-73-8 | 91   |
| 5         | Benzene, 1,2,4-trimethyl-  | 120 | C9H12   | 000095-63-6 | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM100224\  
Data File : BM047796.D  
Acq On : 03 Oct 2024 04:27  
Operator : RC/JU  
Sample : P4020-12  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DDCK8

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM092724.MA.M  
Quant Title : SVOA CALIBRATION

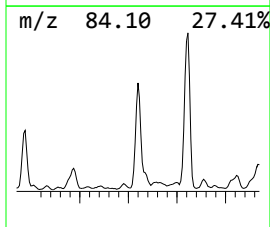
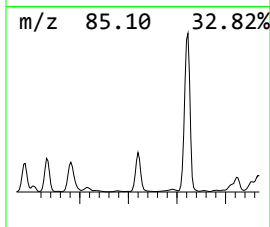
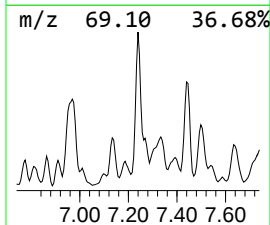
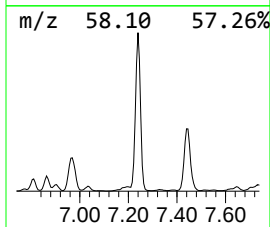
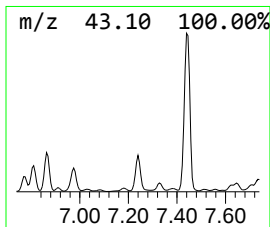
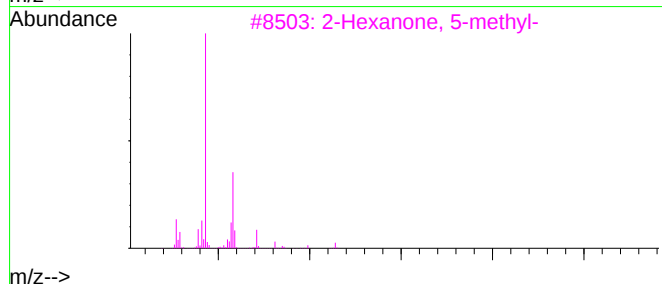
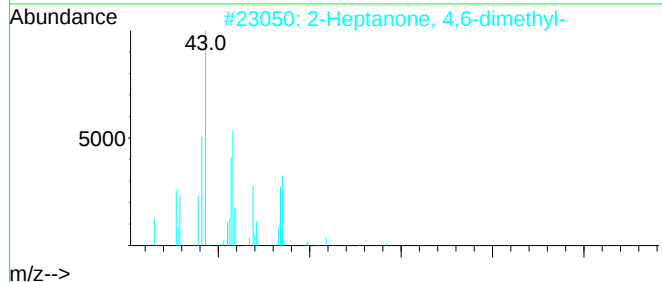
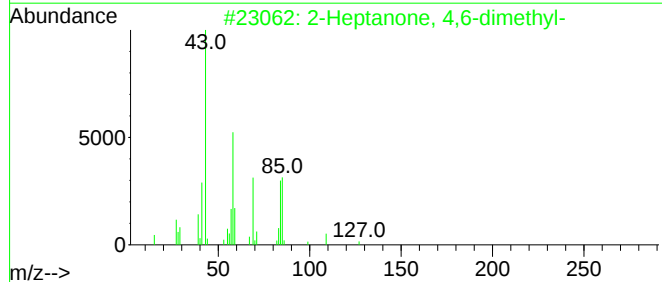
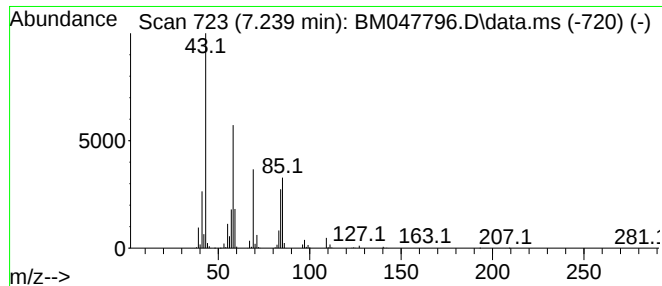
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 9 2-Heptanone, 4,6-dimethyl- Concentration Rank 46

| R.T.  | EstConc    | Area    | Relative to ISTD       | R.T.  |
|-------|------------|---------|------------------------|-------|
| 7.239 | 9.34 ng/ul | 3114710 | 1,4-Dichlorobenzene-d4 | 7.804 |

| 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 | 50   |
| 3         | 2-Hexanone, 5-methyl-      | 114 | C7H14O  | 000110-12-3 | 47   |
| 4         | Hexane, 3-ethyl-           | 114 | C8H18   | 000619-99-8 | 38   |
| 5         | Hexane, 3-ethyl-           | 114 | C8H18   | 000619-99-8 | 38   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM100224\  
Data File : BM047796.D  
Acq On : 03 Oct 2024 04:27  
Operator : RC/JU  
Sample : P4020-12  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DDCK8

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM092724.MA.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

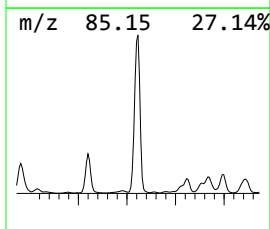
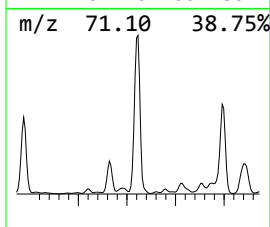
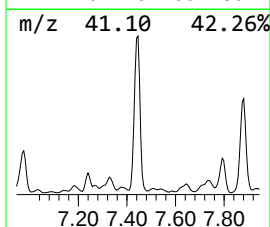
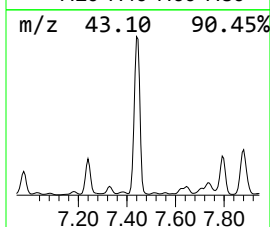
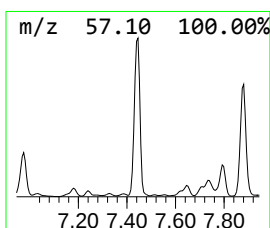
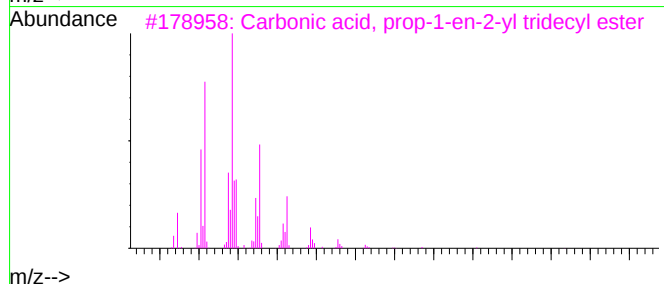
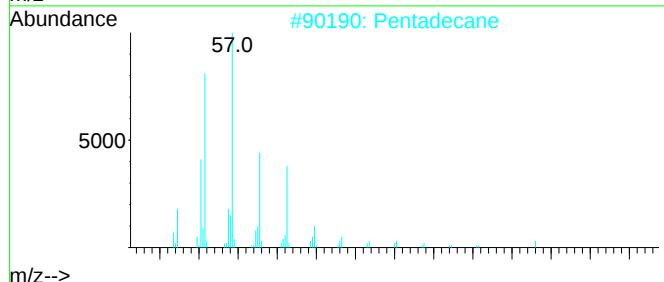
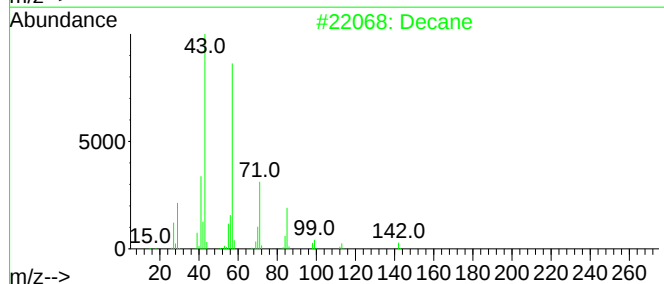
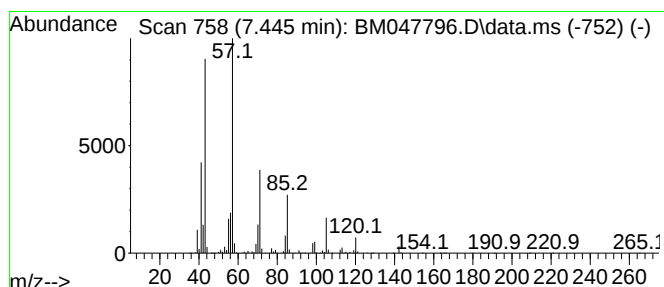
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Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 2

| R.T.  | EstConc     | Area     | Relative to ISTD       | R.T.  |
|-------|-------------|----------|------------------------|-------|
| 7.445 | 74.46 ng/ul | 24829600 | 1,4-Dichlorobenzene-d4 | 7.804 |

| Hit# of 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|-----------|-------------------------------------|-----|----------|--------------|------|
| 1         | Decane                              | 142 | C10H22   | 000124-18-5  | 93   |
| 2         | Pentadecane                         | 212 | C15H32   | 000629-62-9  | 72   |
| 3         | Carbonic acid, prop-1-en-2-yl tr... | 284 | C17H32O3 | 1000382-90-8 | 72   |
| 4         | Tridecane                           | 184 | C13H28   | 000629-50-5  | 64   |
| 5         | Octane, 3,5-dimethyl-               | 142 | C10H22   | 015869-93-9  | 64   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM100224\  
Data File : BM047796.D  
Acq On : 03 Oct 2024 04:27  
Operator : RC/JU  
Sample : P4020-12  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DDCK8

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM092724.MA.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

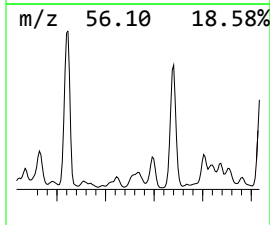
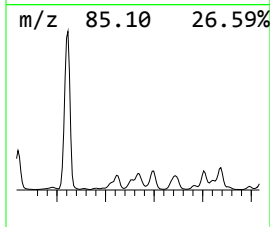
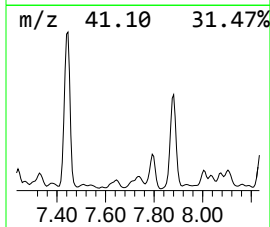
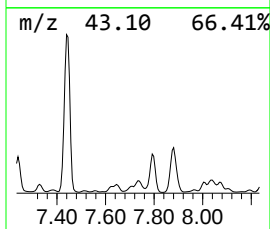
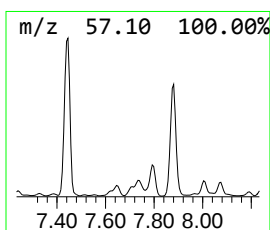
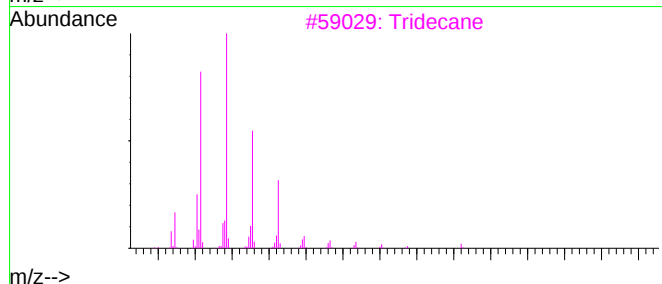
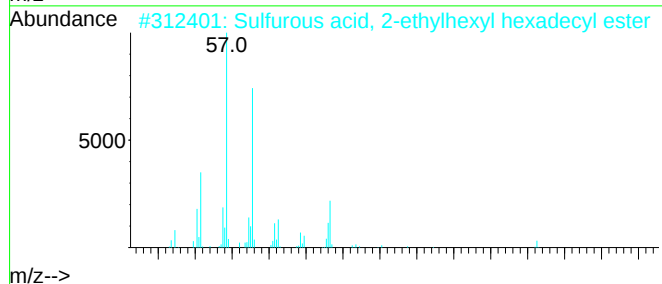
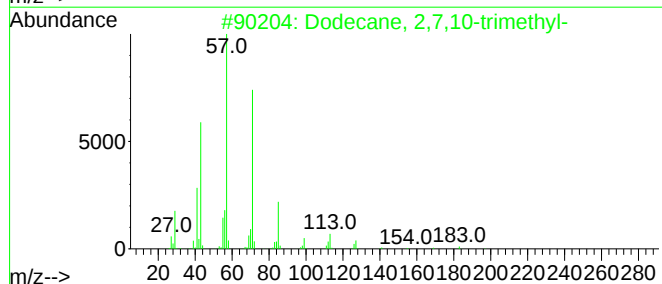
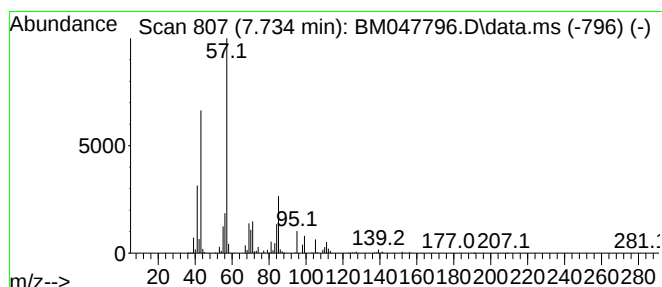
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Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 48

| R.T.  | EstConc    | Area    | Relative to ISTD       | R.T.  |
|-------|------------|---------|------------------------|-------|
| 7.734 | 9.10 ng/ul | 3035840 | 1,4-Dichlorobenzene-d4 | 7.804 |

| Hit# of 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|-----------|-------------------------------------|-----|-----------|--------------|------|
| 1         | Dodecane, 2,7,10-trimethyl-         | 212 | C15H32    | 074645-98-0  | 50   |
| 2         | Sulfurous acid, 2-ethylhexyl hex... | 418 | C24H50O3S | 1000309-19-9 | 50   |
| 3         | Tridecane                           | 184 | C13H28    | 000629-50-5  | 47   |
| 4         | Hexane, 2,3,5-trimethyl-            | 128 | C9H20     | 001069-53-0  | 43   |
| 5         | Hexane, 2,2,3,3-tetramethyl-        | 142 | C10H22    | 013475-81-5  | 43   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM100224\  
Data File : BM047796.D  
Acq On : 03 Oct 2024 04:27  
Operator : RC/JU  
Sample : P4020-12  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DDCK8

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM092724.MA.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

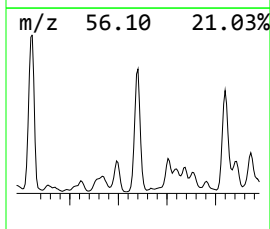
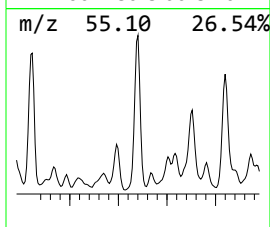
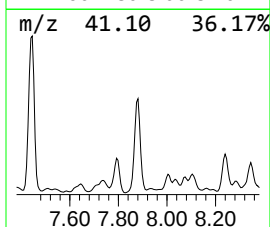
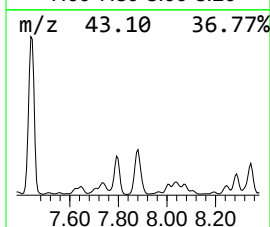
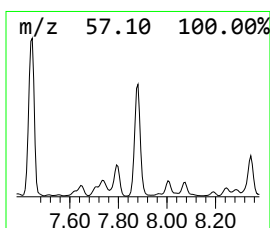
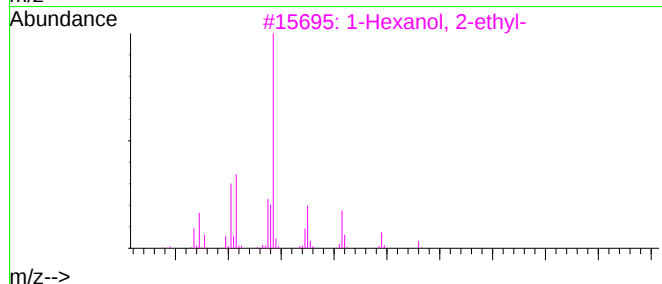
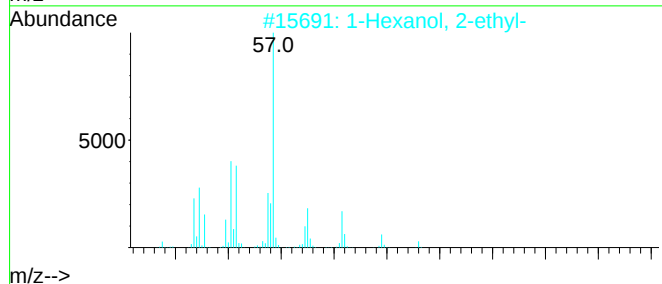
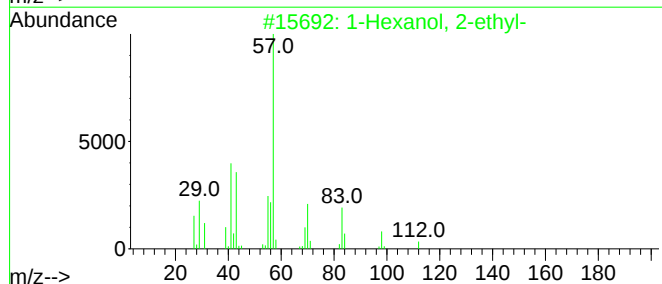
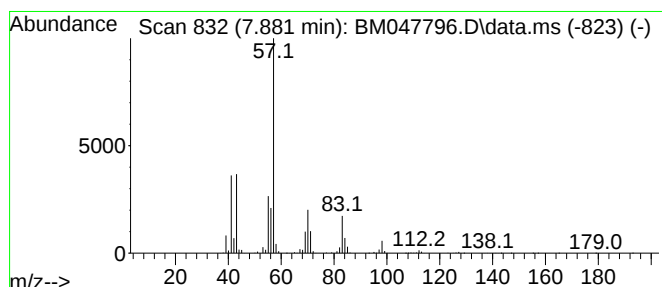
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Peak Number 12 1-Hexanol, 2-ethyl- Concentration Rank 8

| R.T.  | EstConc     | Area     | Relative to ISTD       | R.T.  |
|-------|-------------|----------|------------------------|-------|
| 7.881 | 36.44 ng/ul | 12152200 | 1,4-Dichlorobenzene-d4 | 7.804 |

| Hit# | of                  | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|---------------------|---|--------------|-----|---------|-------------|------|
| 1    | 1-Hexanol, 2-ethyl- |   |              | 130 | C8H18O  | 000104-76-7 | 78   |
| 2    | 1-Hexanol, 2-ethyl- |   |              | 130 | C8H18O  | 000104-76-7 | 78   |
| 3    | 1-Hexanol, 2-ethyl- |   |              | 130 | C8H18O  | 000104-76-7 | 64   |
| 4    | 1-Hexanol, 2-ethyl- |   |              | 130 | C8H18O  | 000104-76-7 | 64   |
| 5    | 1-Hexanol, 2-ethyl- |   |              | 130 | C8H18O  | 000104-76-7 | 64   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM100224\  
Data File : BM047796.D  
Acq On : 03 Oct 2024 04:27  
Operator : RC/JU  
Sample : P4020-12  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DDCK8

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM092724.MA.M  
Quant Title : SVOA CALIBRATION

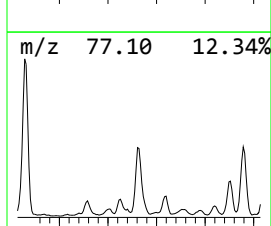
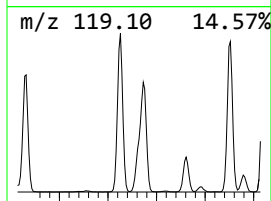
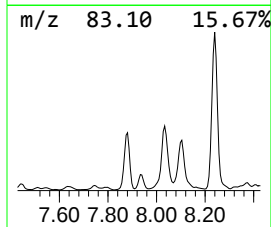
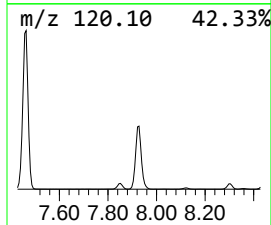
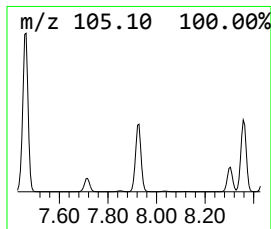
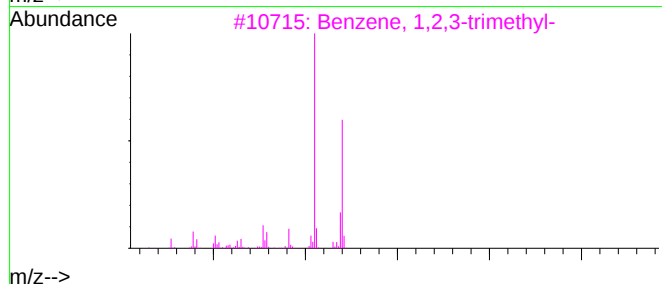
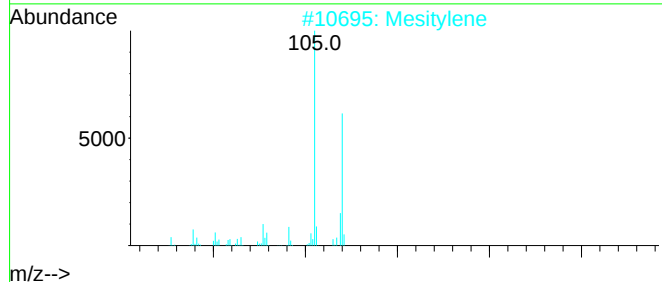
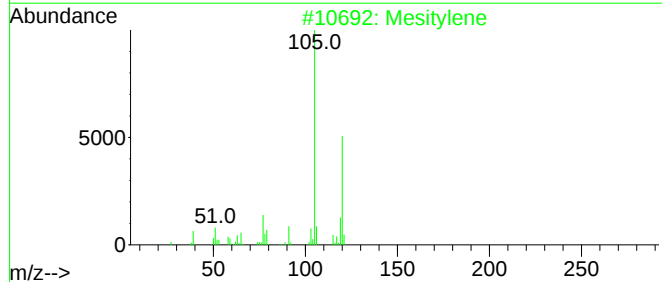
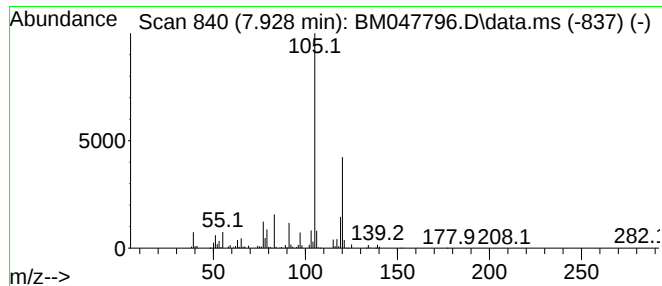
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TIC Integration Parameters: LSCINT.P

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Peak Number 13 Benzene, 1,2,3-trimethyl- Concentration Rank 50

| R.T.  | EstConc    | Area    | Relative to ISTD       | R.T.  |
|-------|------------|---------|------------------------|-------|
| 7.928 | 7.67 ng/ul | 2558290 | 1,4-Dichlorobenzene-d4 | 7.804 |

| Hit# of 5 | Tentative ID              | MW  | MolForm | CAS#        | Qual |
|-----------|---------------------------|-----|---------|-------------|------|
| 1         | Mesitylene                | 120 | C9H12   | 000108-67-8 | 95   |
| 2         | Mesitylene                | 120 | C9H12   | 000108-67-8 | 95   |
| 3         | Benzene, 1,2,3-trimethyl- | 120 | C9H12   | 000526-73-8 | 94   |
| 4         | Benzene, 1,2,3-trimethyl- | 120 | C9H12   | 000526-73-8 | 93   |
| 5         | Benzene, 1,2,3-trimethyl- | 120 | C9H12   | 000526-73-8 | 87   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM100224\  
Data File : BM047796.D  
Acq On : 03 Oct 2024 04:27  
Operator : RC/JU  
Sample : P4020-12  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DDCK8

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM092724.MA.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

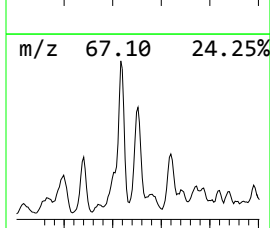
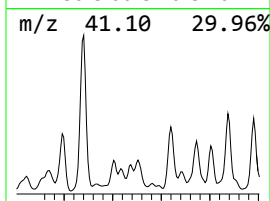
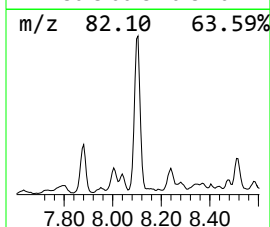
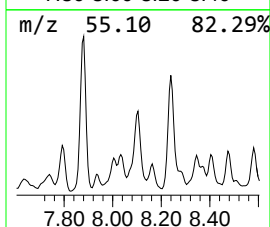
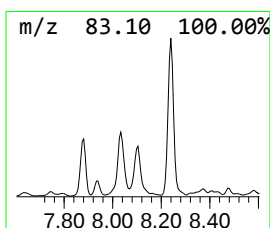
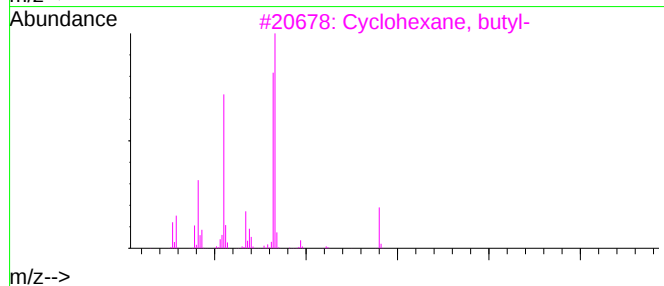
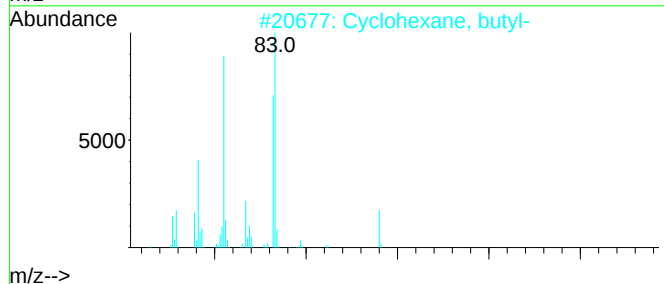
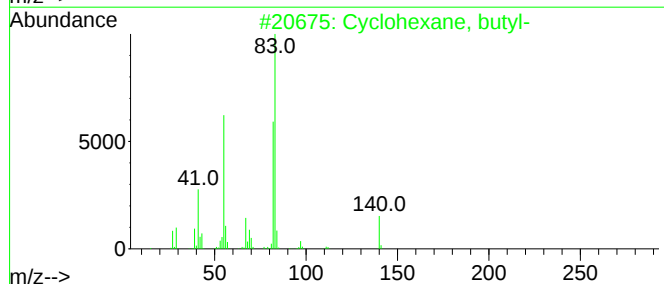
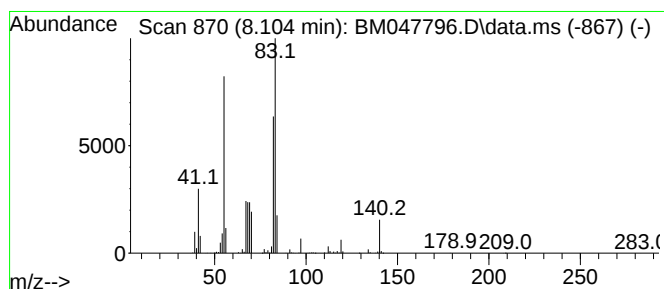
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Peak Number 14 (DEL) Alkane: Cyclic8.104 Concentration Rank 51

| R.T.  | EstConc    | Area    | Relative to ISTD       | R.T.  |
|-------|------------|---------|------------------------|-------|
| 8.104 | 7.60 ng/ul | 2533390 | 1,4-Dichlorobenzene-d4 | 7.804 |

| Hit# of 5 | Tentative ID        | MW  | MolForm | CAS#        | Qual |
|-----------|---------------------|-----|---------|-------------|------|
| 1         | Cyclohexane, butyl- | 140 | C10H20  | 001678-93-9 | 76   |
| 2         | Cyclohexane, butyl- | 140 | C10H20  | 001678-93-9 | 72   |
| 3         | Cyclohexane, butyl- | 140 | C10H20  | 001678-93-9 | 64   |
| 4         | Cyclohexane, octyl- | 196 | C14H28  | 001795-15-9 | 59   |
| 5         | Cyclohexane, octyl- | 196 | C14H28  | 001795-15-9 | 53   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM100224\  
Data File : BM047796.D  
Acq On : 03 Oct 2024 04:27  
Operator : RC/JU  
Sample : P4020-12  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DDCK8

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM092724.MA.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

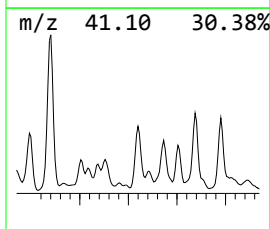
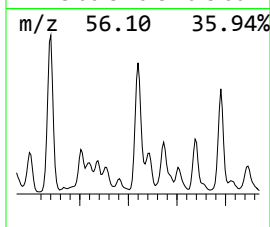
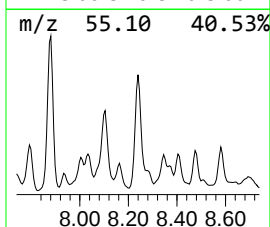
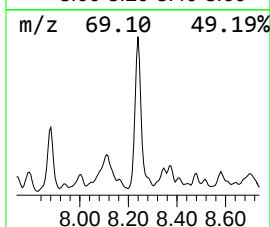
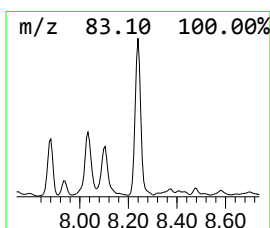
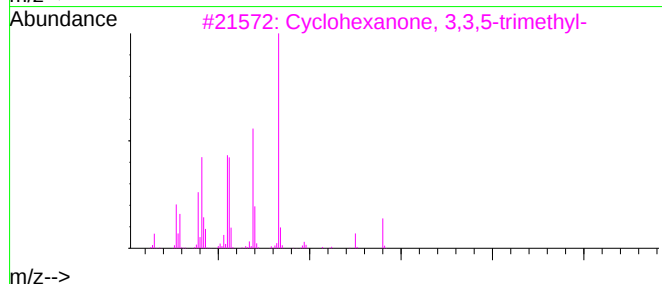
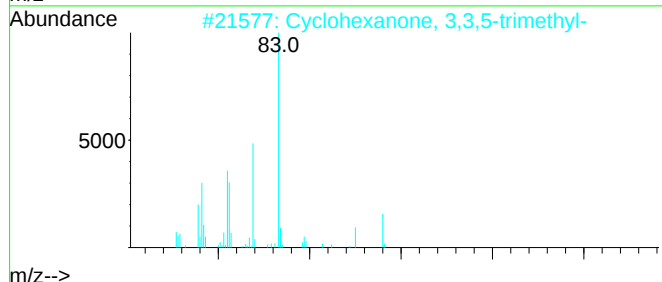
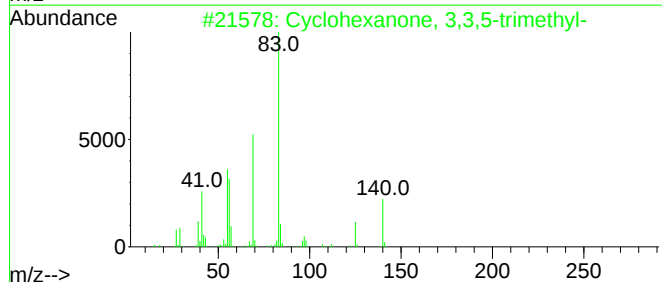
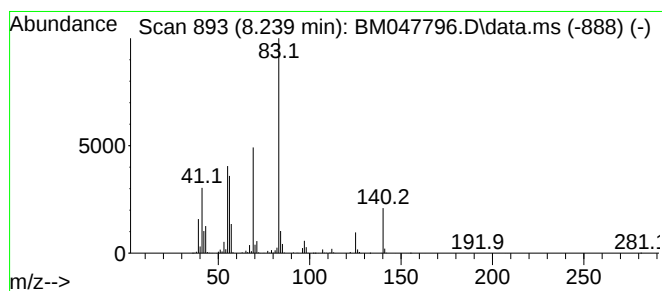
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Peak Number 15 Cyclohexanone, 3,3,5-trimet... Concentration Rank 20

| R.T.  | EstConc     | Area    | Relative to ISTD       | R.T.  |
|-------|-------------|---------|------------------------|-------|
| 8.239 | 20.21 ng/ul | 6740270 | 1,4-Dichlorobenzene-d4 | 7.804 |

| Hit# of 5 | Tentative ID                    | MW  | MolForm | CAS#        | Qual |
|-----------|---------------------------------|-----|---------|-------------|------|
| 1         | Cyclohexanone, 3,3,5-trimethyl- | 140 | C9H16O  | 000873-94-9 | 97   |
| 2         | Cyclohexanone, 3,3,5-trimethyl- | 140 | C9H16O  | 000873-94-9 | 94   |
| 3         | Cyclohexanone, 3,3,5-trimethyl- | 140 | C9H16O  | 000873-94-9 | 91   |
| 4         | Cyclohexanone, 3,3,5-trimethyl- | 140 | C9H16O  | 000873-94-9 | 91   |
| 5         | Cyclohexane, (2-methylpropyl)-  | 140 | C10H20  | 001678-98-4 | 64   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM100224\  
Data File : BM047796.D  
Acq On : 03 Oct 2024 04:27  
Operator : RC/JU  
Sample : P4020-12  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DDCK8

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM092724.MA.M  
Quant Title : SVOA CALIBRATION

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

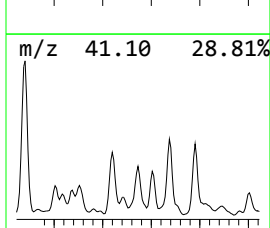
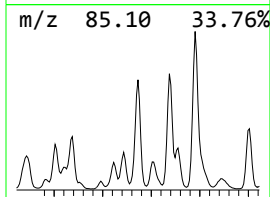
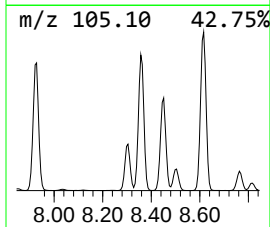
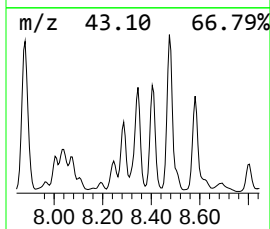
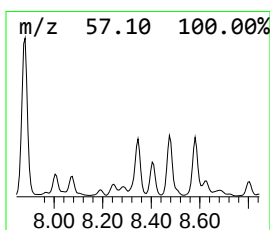
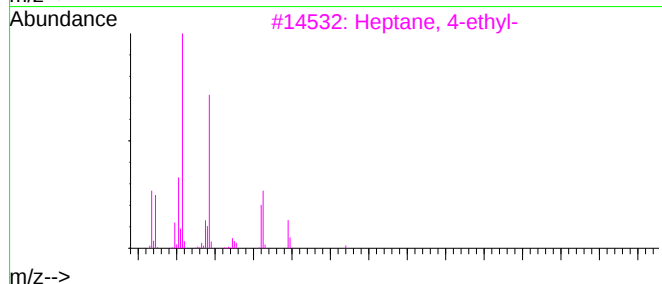
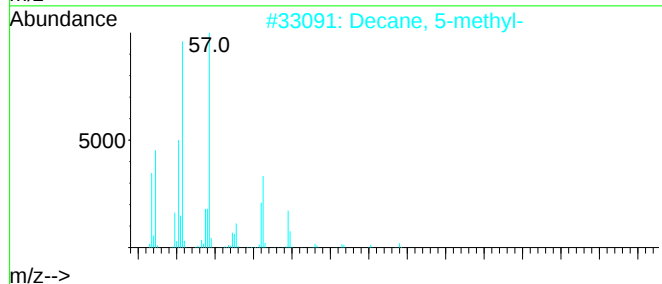
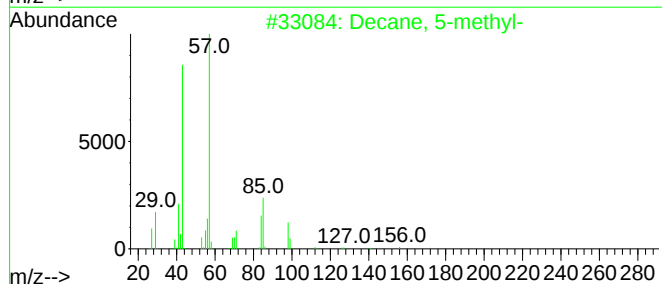
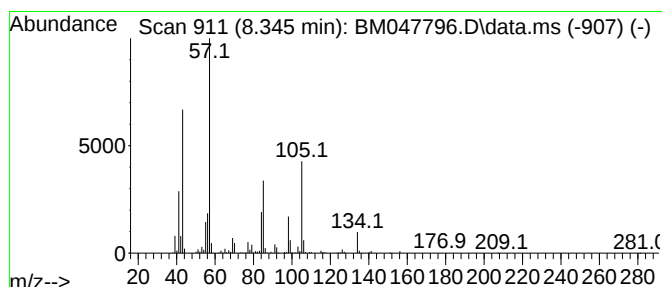
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Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 28

| R.T.  | EstConc     | Area    | Relative to ISTD       | R.T.  |
|-------|-------------|---------|------------------------|-------|
| 8.345 | 15.90 ng/ul | 5302960 | 1,4-Dichlorobenzene-d4 | 7.804 |

| Hit# | of | 5 | Tentative ID          | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------|-----|---------|-------------|------|
| 1    |    |   | Decane, 5-methyl-     | 156 | C11H24  | 013151-35-4 | 76   |
| 2    |    |   | Decane, 5-methyl-     | 156 | C11H24  | 013151-35-4 | 59   |
| 3    |    |   | Heptane, 4-ethyl-     | 128 | C9H20   | 002216-32-2 | 52   |
| 4    |    |   | Nonane, 2,5-dimethyl- | 156 | C11H24  | 017302-27-1 | 50   |
| 5    |    |   | Heptane, 4-ethyl-     | 128 | C9H20   | 002216-32-2 | 47   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM100224\  
Data File : BM047796.D  
Acq On : 03 Oct 2024 04:27  
Operator : RC/JU  
Sample : P4020-12  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DDCK8

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM092724.MA.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

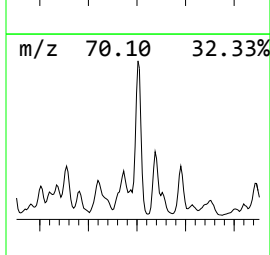
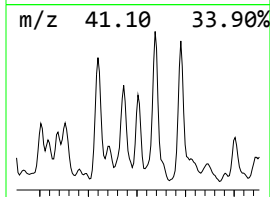
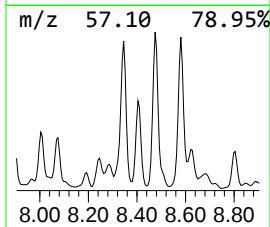
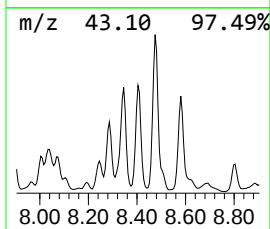
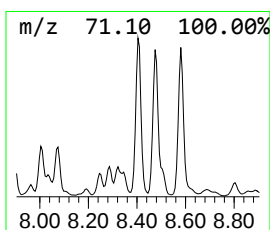
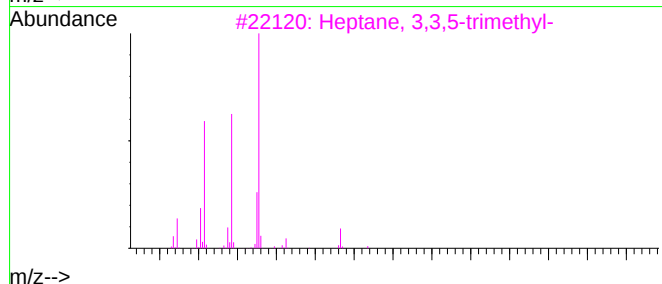
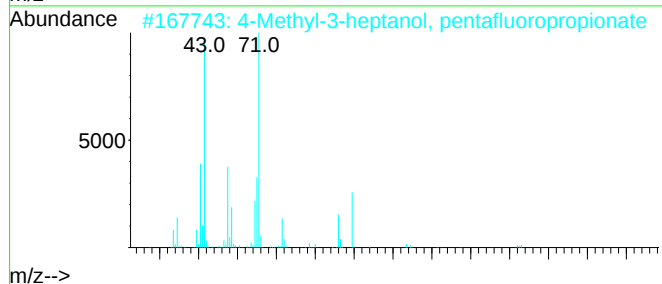
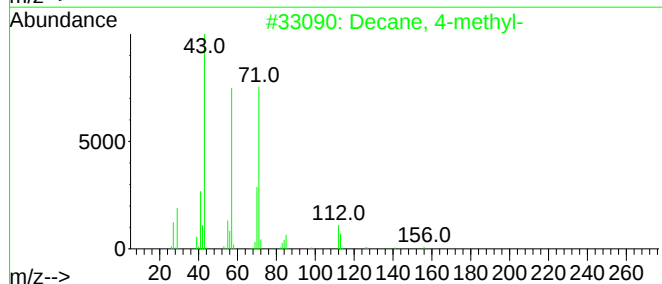
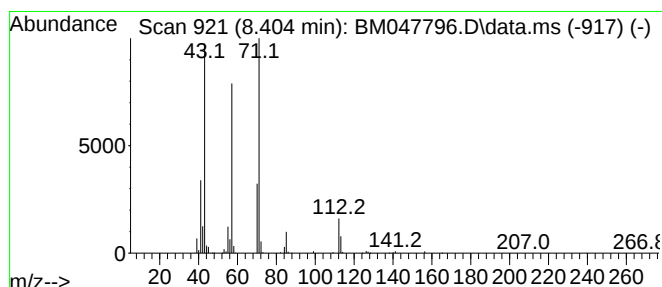
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Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 49

| R.T.  | EstConc    | Area    | Relative to ISTD       | R.T.  |
|-------|------------|---------|------------------------|-------|
| 8.404 | 7.96 ng/ul | 2653680 | 1,4-Dichlorobenzene-d4 | 7.804 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm    | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|------------|--------------|------|
| 1    |    |   | Decane, 4-methyl-                   | 156 | C11H24     | 002847-72-5  | 91   |
| 2    |    |   | 4-Methyl-3-heptanol, pentafluoro... | 276 | C11H17F5O2 | 1000365-51-7 | 72   |
| 3    |    |   | Heptane, 3,3,5-trimethyl-           | 142 | C10H22     | 007154-80-5  | 72   |
| 4    |    |   | Heptane, 3,3,5-trimethyl-           | 142 | C10H22     | 007154-80-5  | 72   |
| 5    |    |   | Octane, 1,1'-oxybis-                | 242 | C16H34O    | 000629-82-3  | 64   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM100224\  
Data File : BM047796.D  
Acq On : 03 Oct 2024 04:27  
Operator : RC/JU  
Sample : P4020-12  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DDCK8

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM092724.MA.M  
Quant Title : SVOA CALIBRATION

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

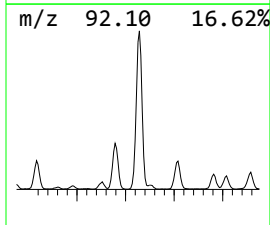
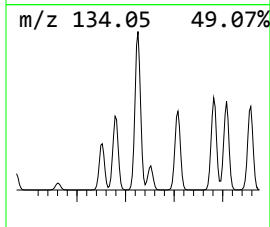
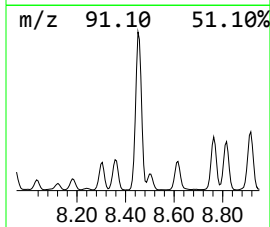
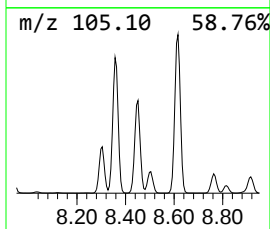
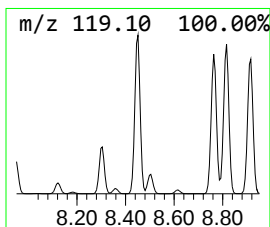
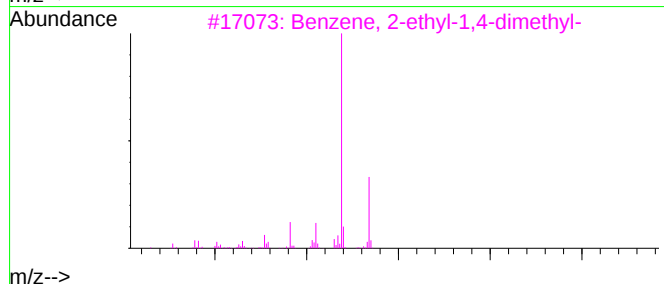
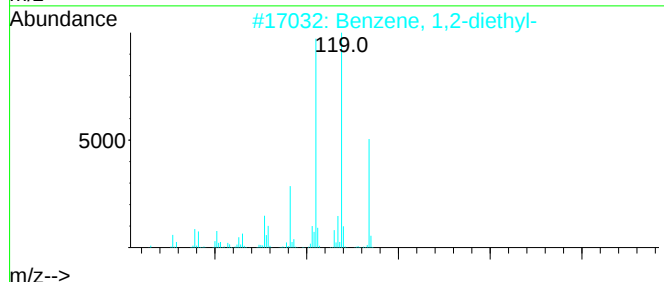
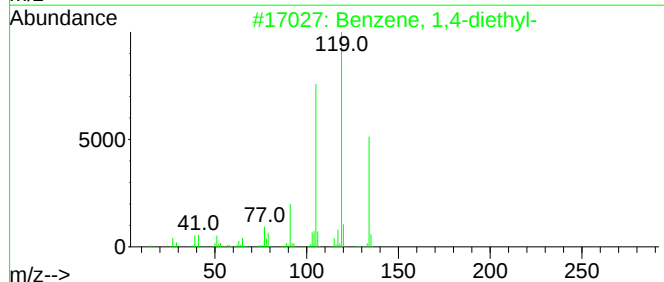
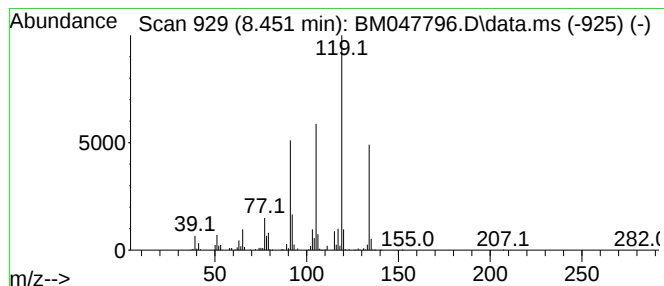
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Peak Number 18 Benzene, 1,4-diethyl- Concentration Rank 45

| R.T.  | EstConc    | Area    | Relative to ISTD       | R.T.  |
|-------|------------|---------|------------------------|-------|
| 8.451 | 9.80 ng/ul | 3267720 | 1,4-Dichlorobenzene-d4 | 7.804 |

| Hit# of 5 | Tentative ID                   | MW  | MolForm | CAS#        | Qual |
|-----------|--------------------------------|-----|---------|-------------|------|
| 1         | Benzene, 1,4-diethyl-          | 134 | C10H14  | 000105-05-5 | 95   |
| 2         | Benzene, 1,2-diethyl-          | 134 | C10H14  | 000135-01-3 | 94   |
| 3         | Benzene, 2-ethyl-1,4-dimethyl- | 134 | C10H14  | 001758-88-9 | 94   |
| 4         | Benzene, 1-ethyl-3,5-dimethyl- | 134 | C10H14  | 000934-74-7 | 94   |
| 5         | Benzene, 1,4-diethyl-          | 134 | C10H14  | 000105-05-5 | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM100224\  
Data File : BM047796.D  
Acq On : 03 Oct 2024 04:27  
Operator : RC/JU  
Sample : P4020-12  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DDCK8

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM092724.MA.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

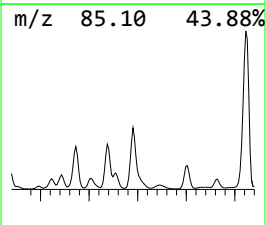
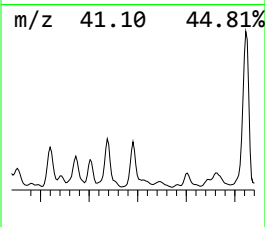
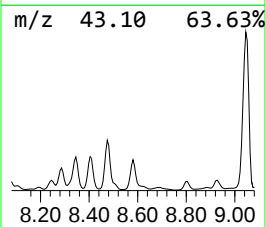
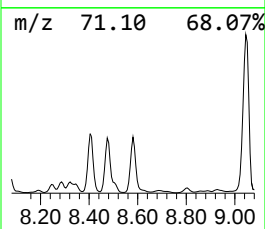
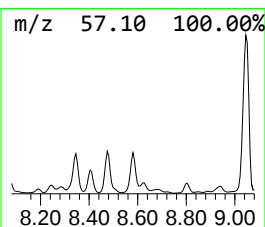
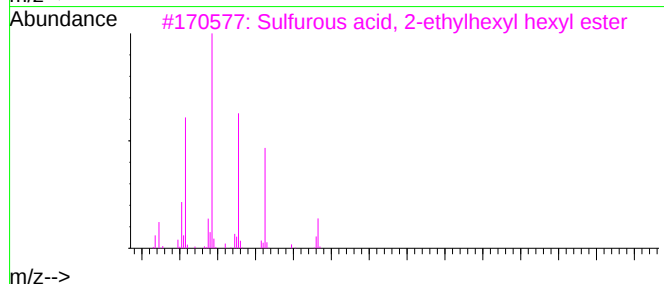
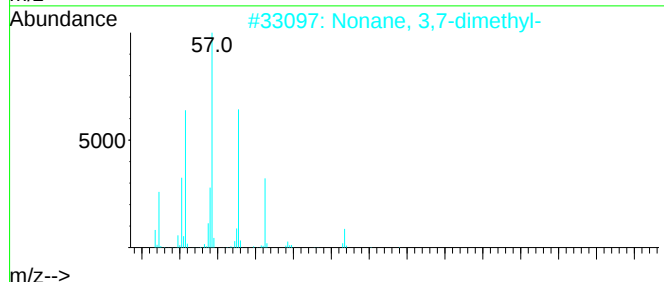
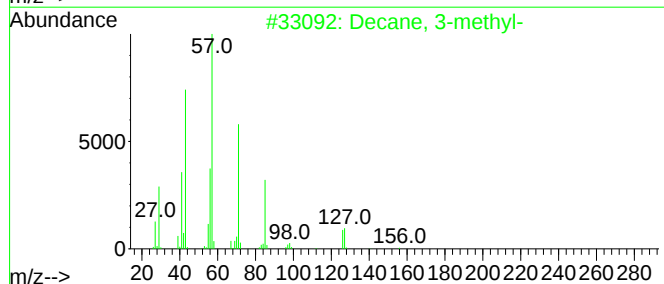
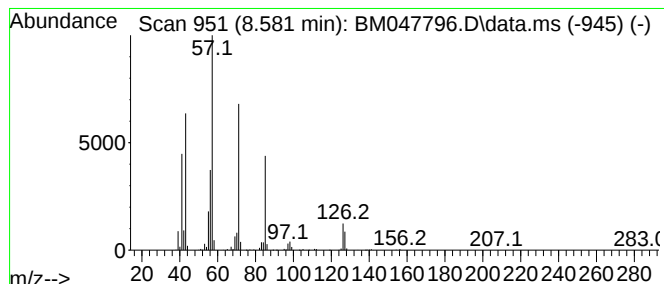
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Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 27

| R.T.  | EstConc     | Area    | Relative to ISTD       | R.T.  |
|-------|-------------|---------|------------------------|-------|
| 8.581 | 15.94 ng/ul | 5315870 | 1,4-Dichlorobenzene-d4 | 7.804 |

| Hit# of 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|-----------|-------------------------------------|-----|-----------|--------------|------|
| 1         | Decane, 3-methyl-                   | 156 | C11H24    | 013151-34-3  | 93   |
| 2         | Nonane, 3,7-dimethyl-               | 156 | C11H24    | 017302-32-8  | 80   |
| 3         | Sulfurous acid, 2-ethylhexyl hex... | 278 | C14H30O3S | 1000309-20-2 | 64   |
| 4         | Nonane, 5-(2-methylpropyl)-         | 184 | C13H28    | 062185-53-9  | 64   |
| 5         | Dodecane, 2-methyl-                 | 184 | C13H28    | 001560-97-0  | 59   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM100224\  
Data File : BM047796.D  
Acq On : 03 Oct 2024 04:27  
Operator : RC/JU  
Sample : P4020-12  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DDCK8

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM092724.MA.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

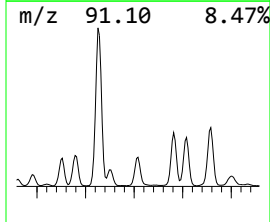
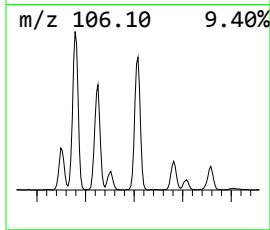
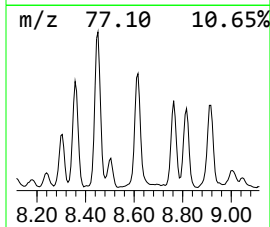
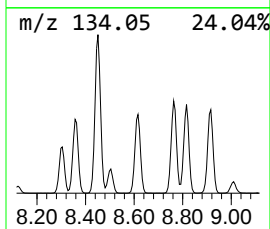
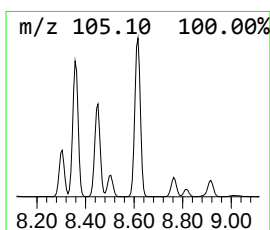
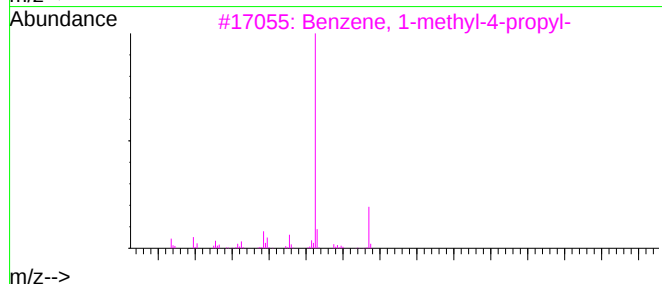
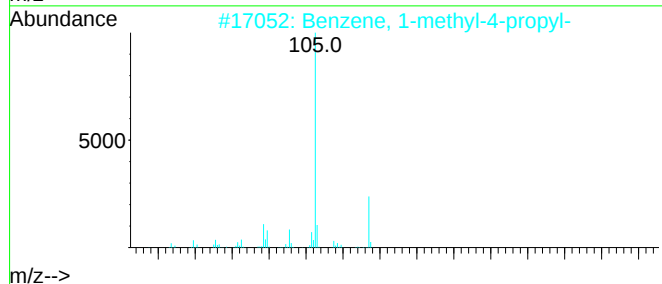
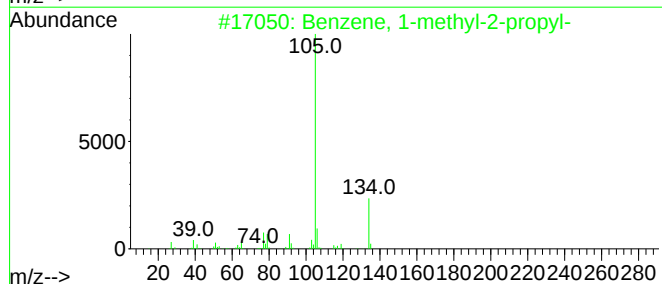
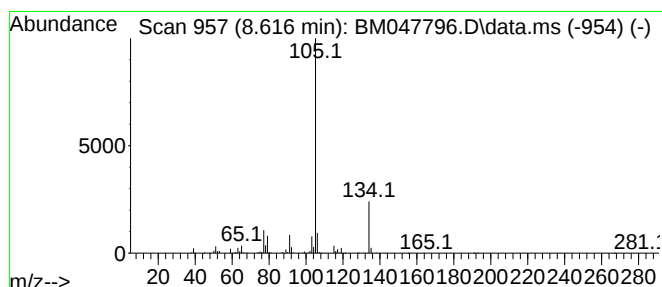
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Peak Number 20 Benzene, 1-methyl-2-propyl- Concentration Rank 44

| R.T.  | EstConc     | Area    | Relative to ISTD       | R.T.  |
|-------|-------------|---------|------------------------|-------|
| 8.616 | 10.19 ng/ul | 3398750 | 1,4-Dichlorobenzene-d4 | 7.804 |

| Hit# of 5 | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|-----------|-----------------------------|-----|---------|-------------|------|
| 1         | Benzene, 1-methyl-2-propyl- | 134 | C10H14  | 001074-17-5 | 94   |
| 2         | Benzene, 1-methyl-4-propyl- | 134 | C10H14  | 001074-55-1 | 93   |
| 3         | Benzene, 1-methyl-4-propyl- | 134 | C10H14  | 001074-55-1 | 90   |
| 4         | Benzene, (1-methylpropyl)-  | 134 | C10H14  | 000135-98-8 | 90   |
| 5         | Benzene, (1-methylpropyl)-  | 134 | C10H14  | 000135-98-8 | 90   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM100224\  
Data File : BM047796.D  
Acq On : 03 Oct 2024 04:27  
Operator : RC/JU  
Sample : P4020-12  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DDCK8

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM092724.MA.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

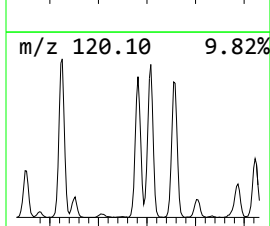
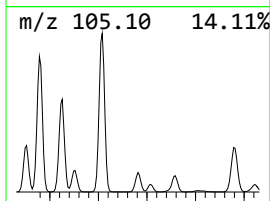
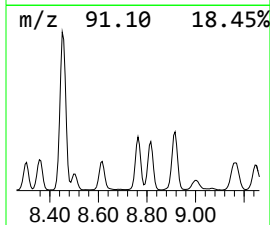
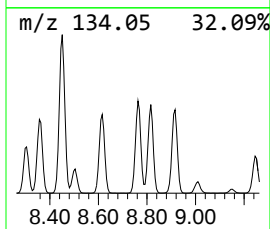
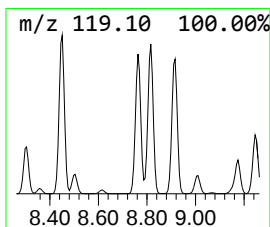
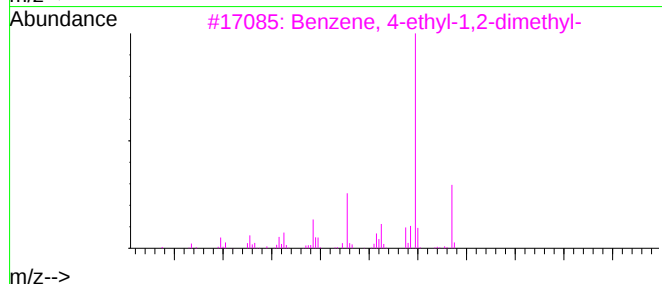
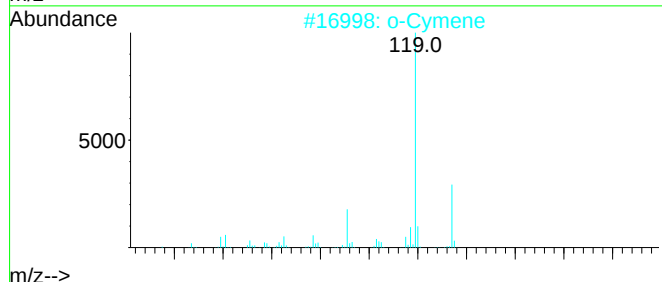
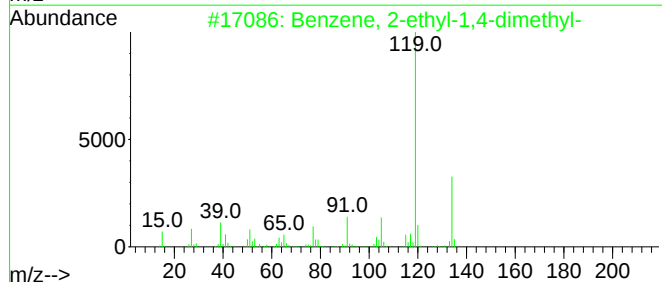
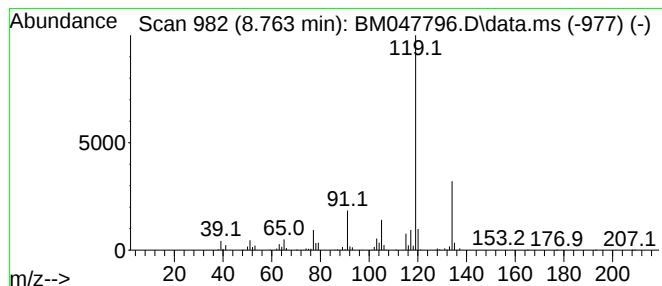
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Peak Number 21 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 52

| R.T.  | EstConc    | Area    | Relative to ISTD       | R.T.  |
|-------|------------|---------|------------------------|-------|
| 8.763 | 7.13 ng/ul | 2378560 | 1,4-Dichlorobenzene-d4 | 7.804 |

| Hit# of 5 | Tentative ID                   | MW  | MolForm | CAS#        | Qual |
|-----------|--------------------------------|-----|---------|-------------|------|
| 1         | Benzene, 2-ethyl-1,4-dimethyl- | 134 | C10H14  | 001758-88-9 | 97   |
| 2         | o-Cymene                       | 134 | C10H14  | 000527-84-4 | 95   |
| 3         | Benzene, 4-ethyl-1,2-dimethyl- | 134 | C10H14  | 000934-80-5 | 95   |
| 4         | Benzene, 1-ethyl-2,3-dimethyl- | 134 | C10H14  | 000933-98-2 | 95   |
| 5         | Benzene, 2-ethyl-1,4-dimethyl- | 134 | C10H14  | 001758-88-9 | 95   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM100224\  
Data File : BM047796.D  
Acq On : 03 Oct 2024 04:27  
Operator : RC/JU  
Sample : P4020-12  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DDCK8

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM092724.MA.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

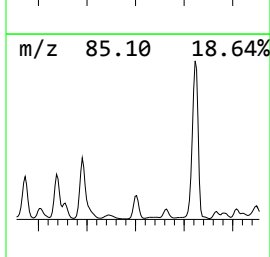
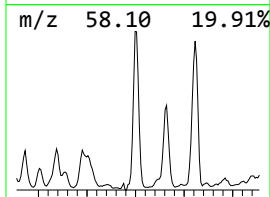
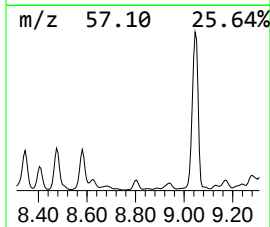
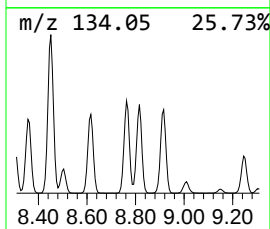
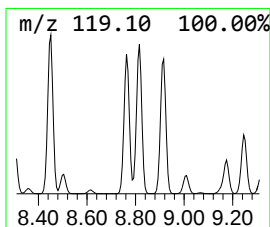
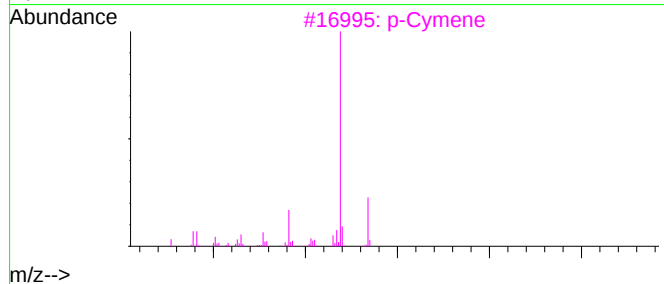
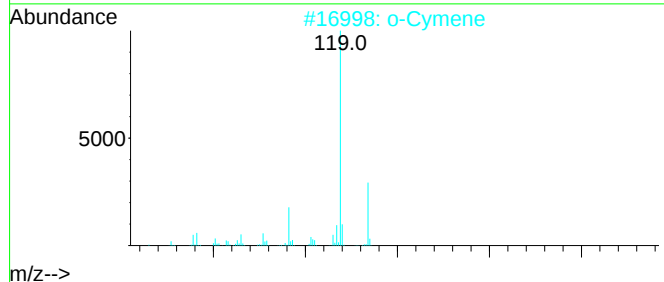
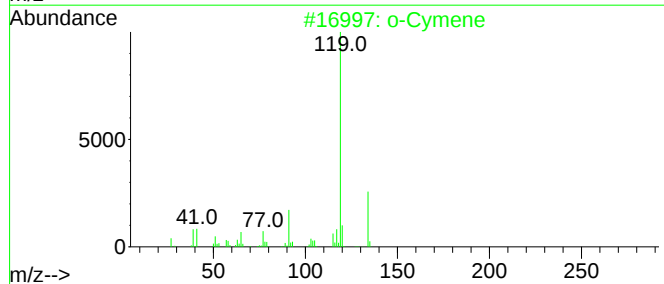
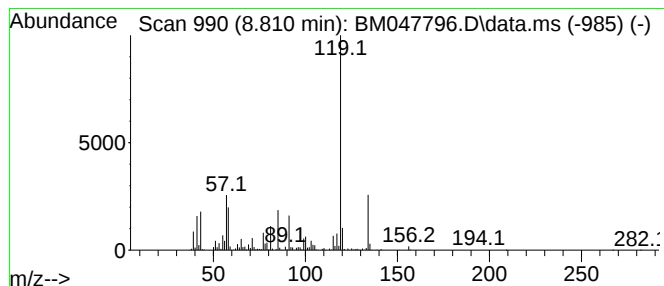
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Peak Number 22 o-Cymene Concentration Rank 34

| R.T.  | EstConc     | Area    | Relative to ISTD       | R.T.  |
|-------|-------------|---------|------------------------|-------|
| 8.810 | 13.48 ng/ul | 4494970 | 1,4-Dichlorobenzene-d4 | 7.804 |

| Hit# of 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|-----------|-------------------------------------|-----|---------|-------------|------|
| 1         | o-Cymene                            | 134 | C10H14  | 000527-84-4 | 95   |
| 2         | o-Cymene                            | 134 | C10H14  | 000527-84-4 | 95   |
| 3         | p-Cymene                            | 134 | C10H14  | 000099-87-6 | 93   |
| 4         | Benzene, 1-methyl-3-(1-methyleth... | 134 | C10H14  | 000535-77-3 | 93   |
| 5         | p-Cymene                            | 134 | C10H14  | 000099-87-6 | 92   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM100224\  
Data File : BM047796.D  
Acq On : 03 Oct 2024 04:27  
Operator : RC/JU  
Sample : P4020-12  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DDCK8

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM092724.MA.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

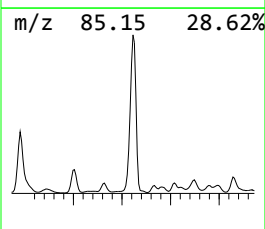
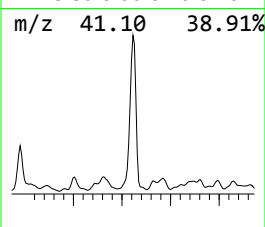
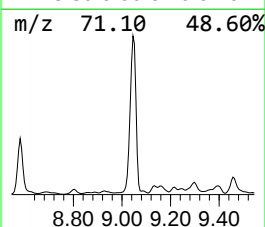
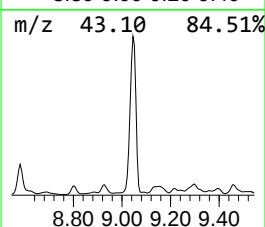
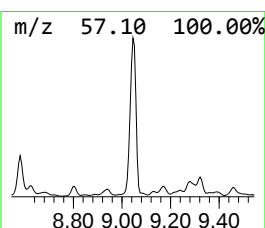
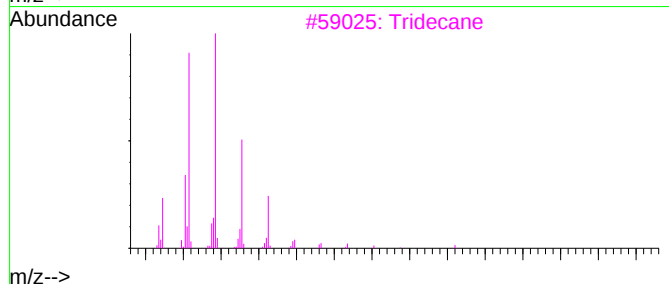
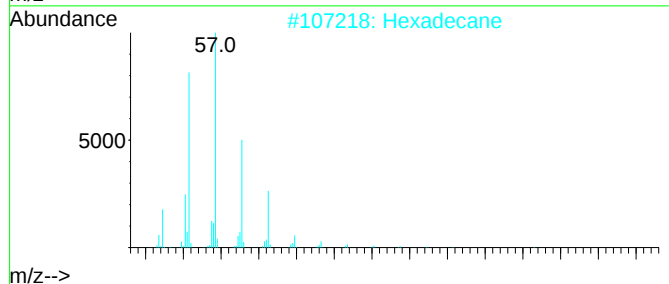
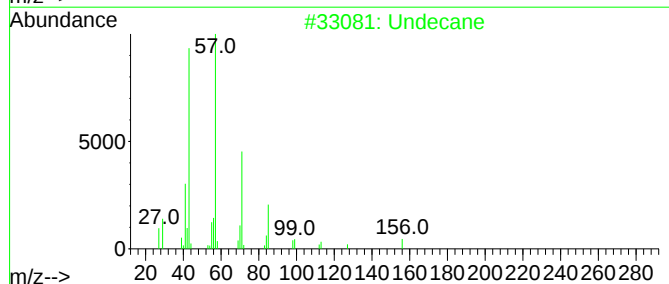
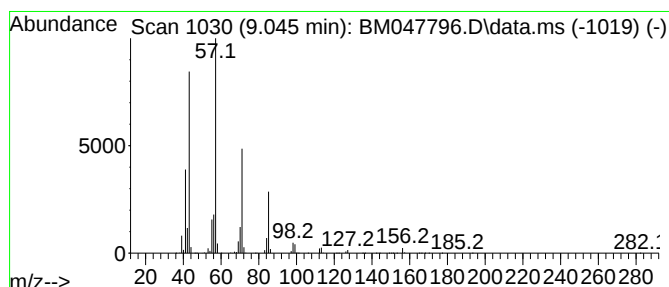
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Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 3

| R.T.  | EstConc     | Area     | Relative to ISTD       | R.T.  |
|-------|-------------|----------|------------------------|-------|
| 9.045 | 63.58 ng/ul | 21202300 | 1,4-Dichlorobenzene-d4 | 7.804 |

| Hit# of 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|-----------|-------------------------------------|-----|----------|--------------|------|
| 1         | Undecane                            | 156 | C11H24   | 001120-21-4  | 87   |
| 2         | Hexadecane                          | 226 | C16H34   | 000544-76-3  | 86   |
| 3         | Tridecane                           | 184 | C13H28   | 000629-50-5  | 86   |
| 4         | Tridecane                           | 184 | C13H28   | 000629-50-5  | 83   |
| 5         | Carbonic acid, prop-1-en-2-yl te... | 298 | C18H34O3 | 1000382-90-9 | 83   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM100224\  
Data File : BM047796.D  
Acq On : 03 Oct 2024 04:27  
Operator : RC/JU  
Sample : P4020-12  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DDCK8

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM092724.MA.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

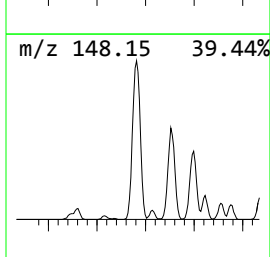
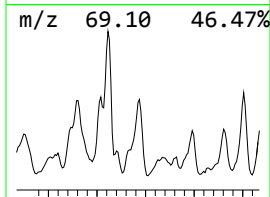
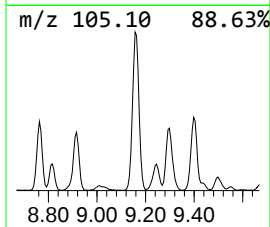
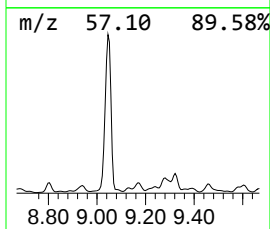
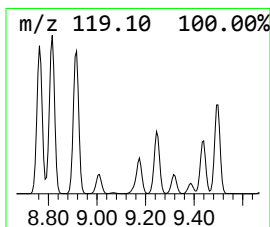
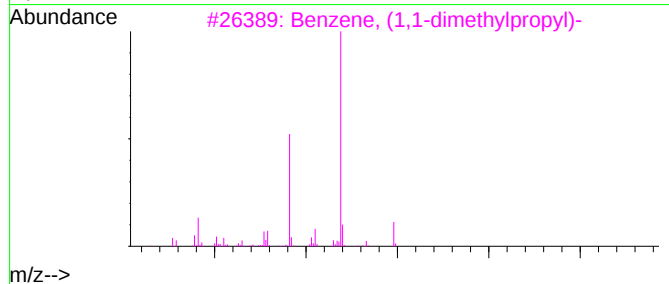
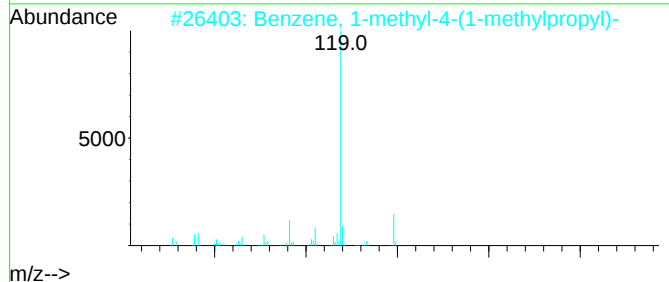
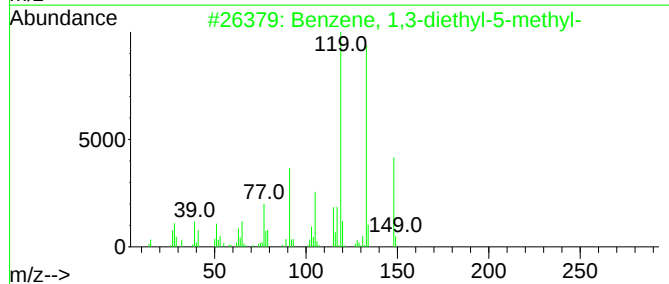
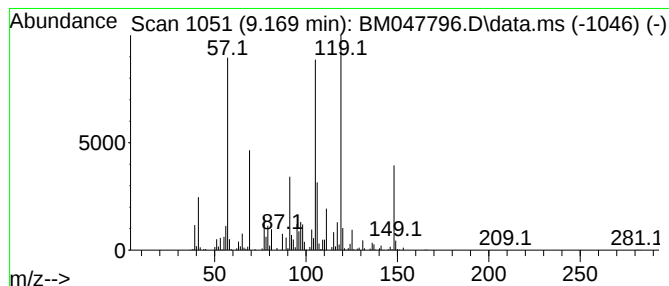
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Peak Number 24 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 43

| R.T.  | EstConc     | Area    | Relative to ISTD       | R.T.  |
|-------|-------------|---------|------------------------|-------|
| 9.169 | 10.87 ng/ul | 3623440 | 1,4-Dichlorobenzene-d4 | 7.804 |

| Hit# of 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|-----------|-------------------------------------|-----|---------|-------------|------|
| 1         | Benzene, 1,3-diethyl-5-methyl-      | 148 | C11H16  | 002050-24-0 | 70   |
| 2         | Benzene, 1-methyl-4-(1-methylpro... | 148 | C11H16  | 001595-16-0 | 64   |
| 3         | Benzene, (1,1-dimethylpropyl)-      | 148 | C11H16  | 002049-95-8 | 49   |
| 4         | Benzene, (1,1-dimethylpropyl)-      | 148 | C11H16  | 002049-95-8 | 47   |
| 5         | 2-Ethyl-2-methyl-1,3-dithiolane     | 148 | C6H12S2 | 006008-81-7 | 46   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM100224\  
Data File : BM047796.D  
Acq On : 03 Oct 2024 04:27  
Operator : RC/JU  
Sample : P4020-12  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DDCK8

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM092724.MA.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

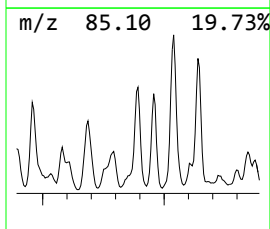
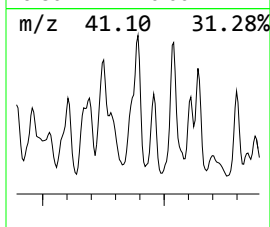
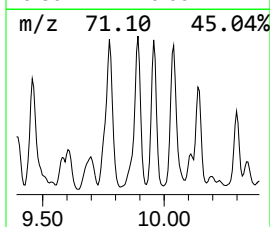
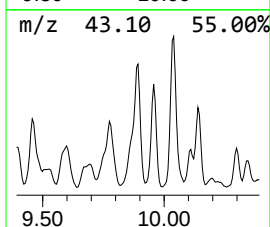
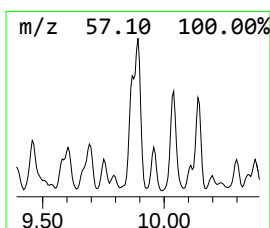
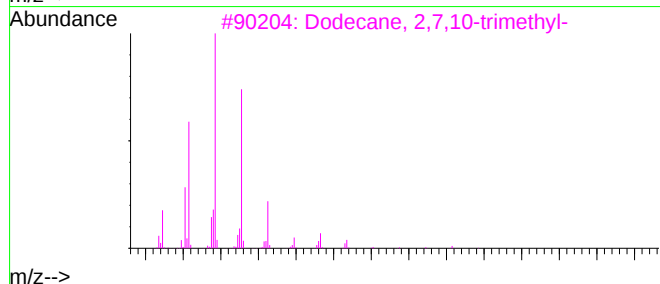
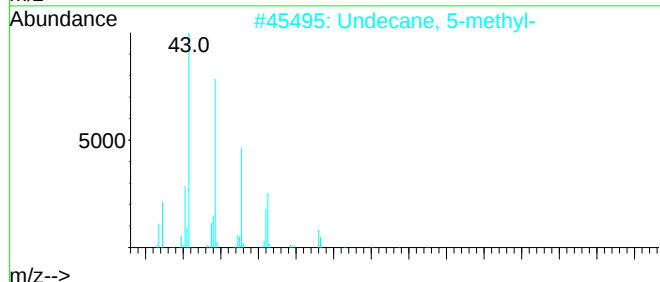
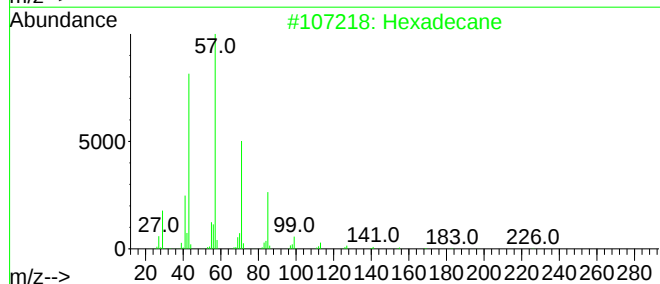
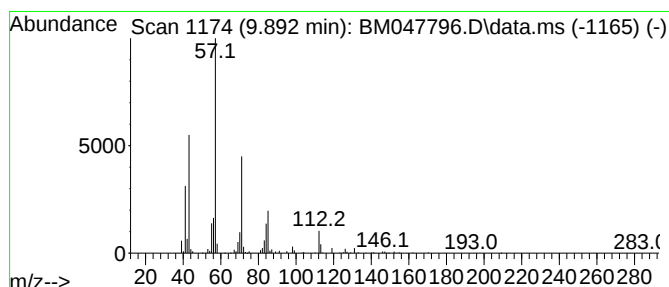
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Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 61

| R.T.  | EstConc    | Area    | Relative to ISTD | R.T.   |
|-------|------------|---------|------------------|--------|
| 9.892 | 2.86 ng/ul | 4536490 | Naphthalene-d8   | 10.598 |

| Hit# of 5 | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|-----------|-----------------------------|-----|---------|-------------|------|
| 1         | Hexadecane                  | 226 | C16H34  | 000544-76-3 | 72   |
| 2         | Undecane, 5-methyl-         | 170 | C12H26  | 001632-70-8 | 72   |
| 3         | Dodecane, 2,7,10-trimethyl- | 212 | C15H32  | 074645-98-0 | 59   |
| 4         | Dodecane                    | 170 | C12H26  | 000112-40-3 | 59   |
| 5         | Heptadecane                 | 240 | C17H36  | 000629-78-7 | 59   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM100224\  
Data File : BM047796.D  
Acq On : 03 Oct 2024 04:27  
Operator : RC/JU  
Sample : P4020-12  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DDCK8

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM092724.MA.M  
Quant Title : SVOA CALIBRATION

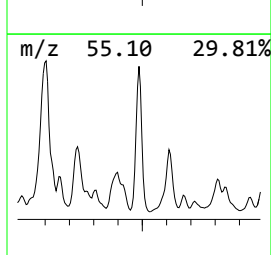
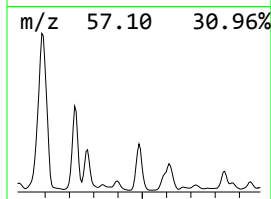
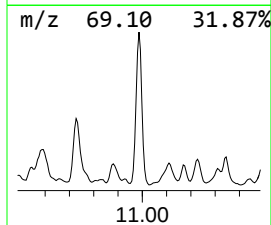
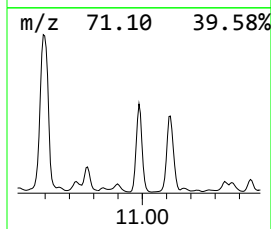
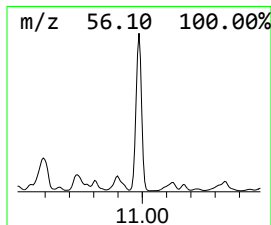
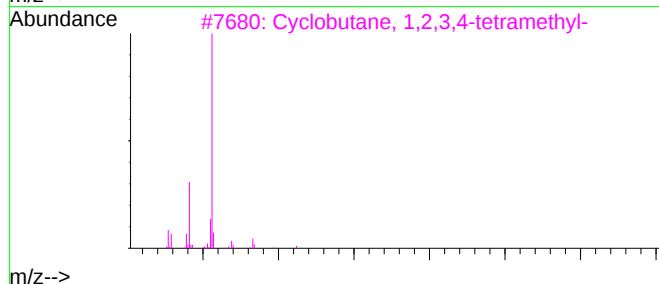
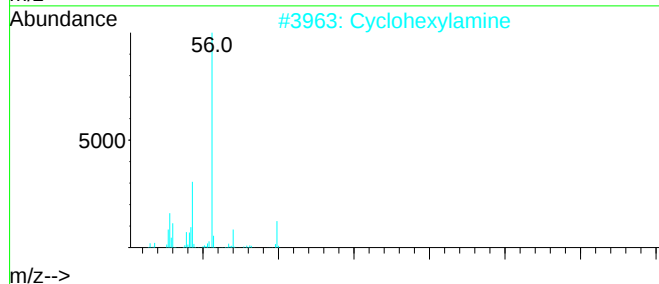
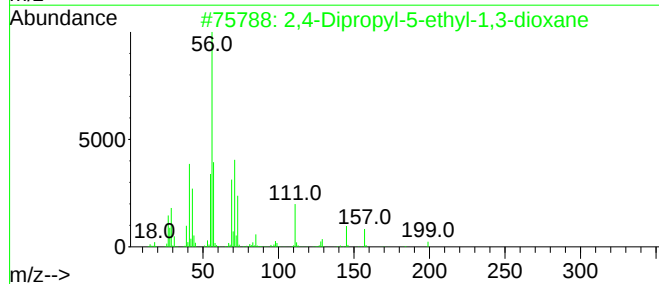
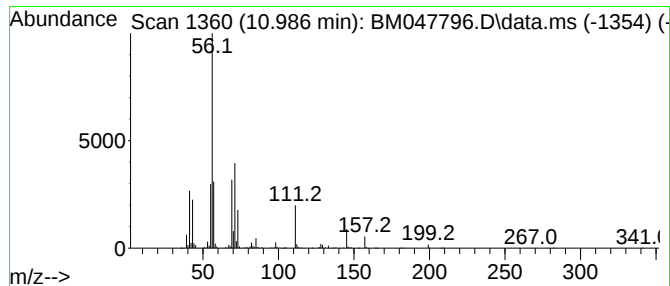
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TIC Integration Parameters: LSCINT.P

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Peak Number 26 unknown-01 Concentration Rank 55

| R.T.   | EstConc    | Area    | Relative to ISTD | R.T.   |
|--------|------------|---------|------------------|--------|
| 10.986 | 6.27 ng/ul | 9939430 | Naphthalene-d8   | 10.598 |

| Hit# of 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|-----------|-------------------------------------|-----|----------|-------------|------|
| 1         | 2,4-Dipropyl-5-ethyl-1,3-dioxane    | 200 | C12H24O2 | 006413-83-8 | 43   |
| 2         | Cyclohexylamine                     | 99  | C6H13N   | 000108-91-8 | 35   |
| 3         | Cyclobutane, 1,2,3,4-tetramethyl-   | 112 | C8H16    | 069531-57-3 | 35   |
| 4         | Cyclohexylamine                     | 99  | C6H13N   | 000108-91-8 | 25   |
| 5         | Oxirane, 2,3-bis(1-methylethyl)-... | 128 | C8H16O   | 054644-32-5 | 23   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM100224\  
Data File : BM047796.D  
Acq On : 03 Oct 2024 04:27  
Operator : RC/JU  
Sample : P4020-12  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DDCK8

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM092724.MA.M  
Quant Title : SVOA CALIBRATION

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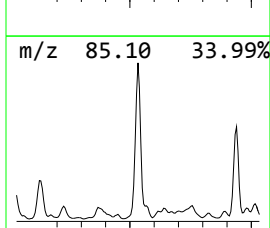
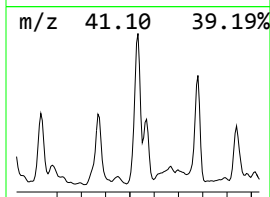
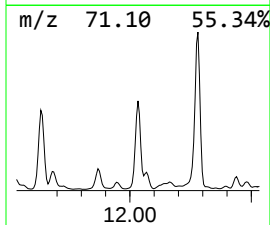
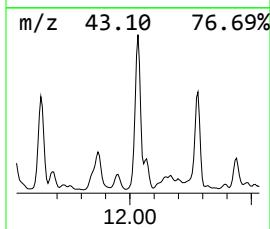
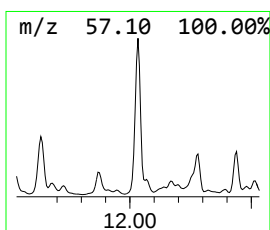
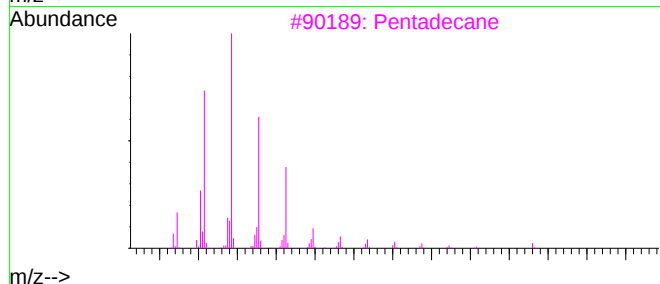
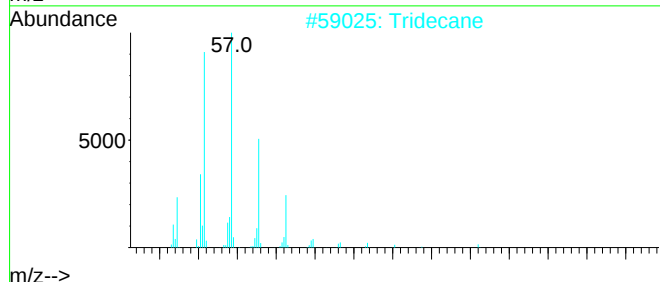
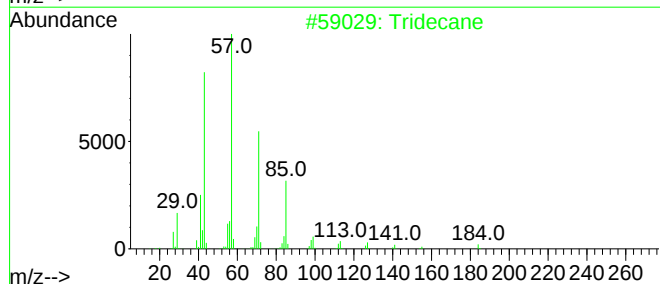
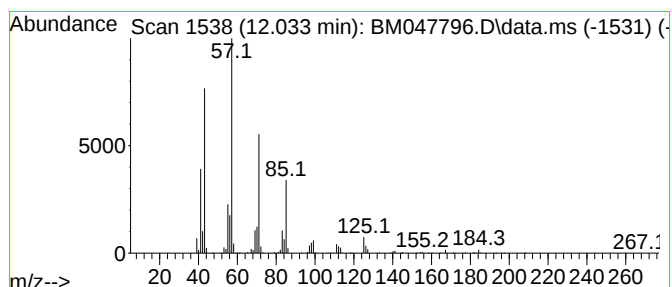
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Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 56

| R.T.   | EstConc    | Area    | Relative to ISTD | R.T.   |
|--------|------------|---------|------------------|--------|
| 12.033 | 6.12 ng/ul | 9703590 | Naphthalene-d8   | 10.598 |

| Hit# of 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|-----------|--------------|-----|---------|-------------|------|
| 1         | Tridecane    | 184 | C13H28  | 000629-50-5 | 83   |
| 2         | Tridecane    | 184 | C13H28  | 000629-50-5 | 81   |
| 3         | Pentadecane  | 212 | C15H32  | 000629-62-9 | 72   |
| 4         | Hexadecane   | 226 | C16H34  | 000544-76-3 | 72   |
| 5         | Tetradecane  | 198 | C14H30  | 000629-59-4 | 72   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM100224\  
Data File : BM047796.D  
Acq On : 03 Oct 2024 04:27  
Operator : RC/JU  
Sample : P4020-12  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DDCK8

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM092724.MA.M  
Quant Title : SVOA CALIBRATION

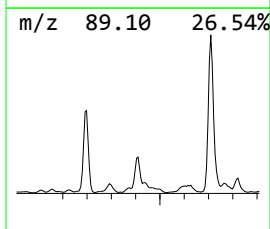
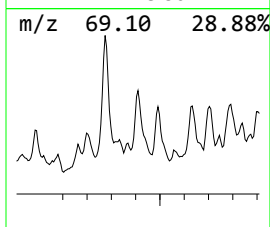
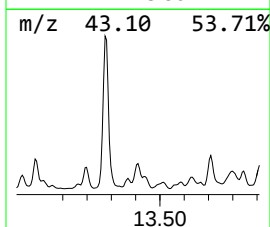
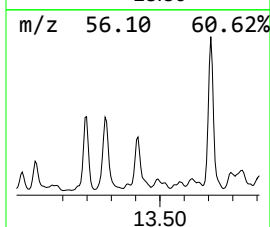
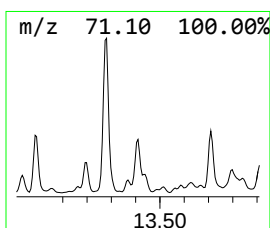
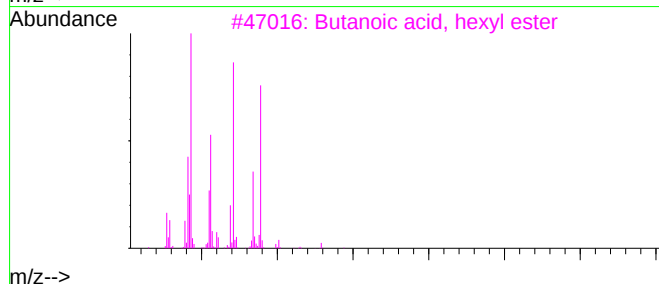
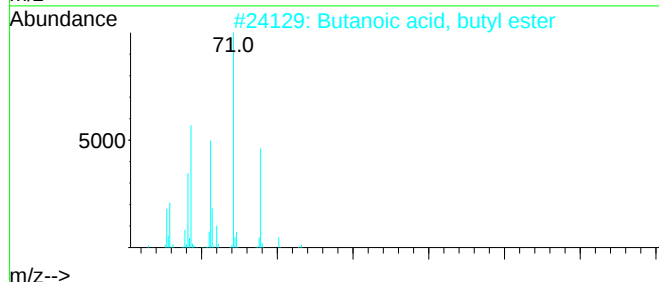
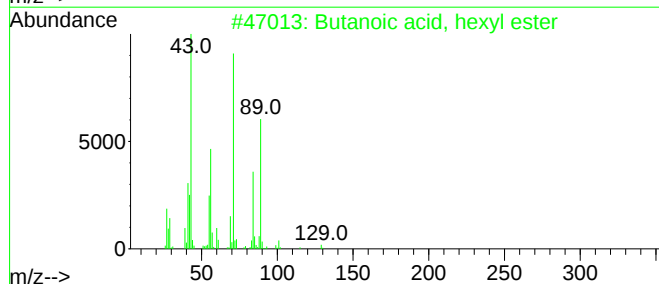
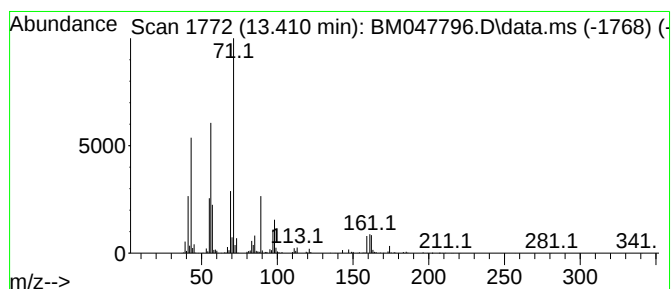
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

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Peak Number 34 Butanoic acid, hexyl ester Concentration Rank 33

| R.T.      | EstConc                     | Area    | Relative to ISTD | R.T.        |      |
|-----------|-----------------------------|---------|------------------|-------------|------|
| 13.410    | 13.62 ng/ul                 | 2516320 | Acenaphthene-d10 | 14.439      |      |
| Hit# of 5 | Tentative ID                | MW      | MolForm          | CAS#        | Qual |
| 1         | Butanoic acid, hexyl ester  | 172     | C10H20O2         | 002639-63-6 | 59   |
| 2         | Butanoic acid, butyl ester  | 144     | C8H16O2          | 000109-21-7 | 59   |
| 3         | Butanoic acid, hexyl ester  | 172     | C10H20O2         | 002639-63-6 | 45   |
| 4         | Butanoic acid, butyl ester  | 144     | C8H16O2          | 000109-21-7 | 45   |
| 5         | Butanoic acid, propyl ester | 130     | C7H14O2          | 000105-66-8 | 43   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM100224\  
Data File : BM047796.D  
Acq On : 03 Oct 2024 04:27  
Operator : RC/JU  
Sample : P4020-12  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DDCK8

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM092724.MA.M  
Quant Title : SVOA CALIBRATION

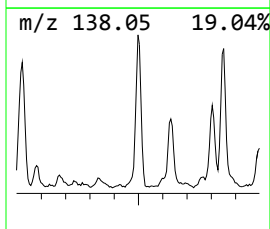
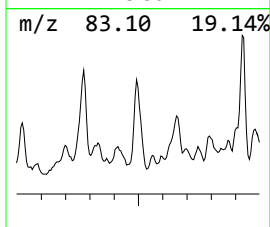
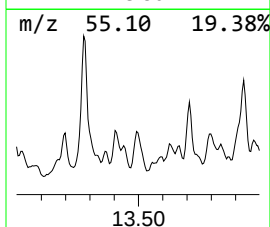
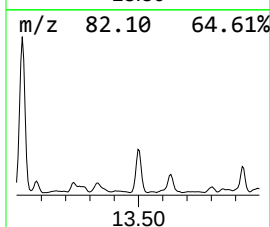
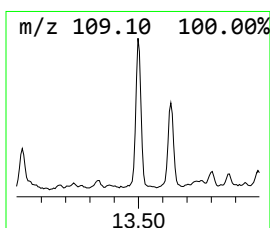
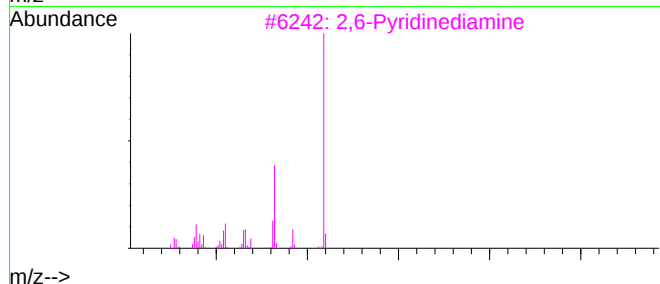
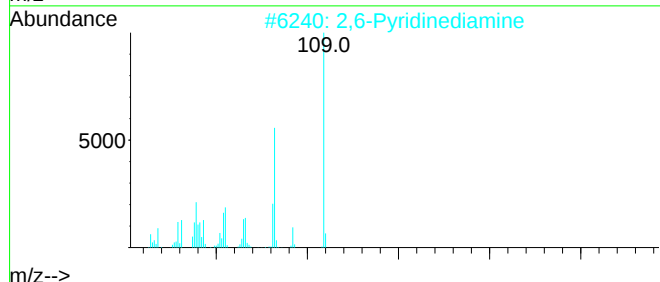
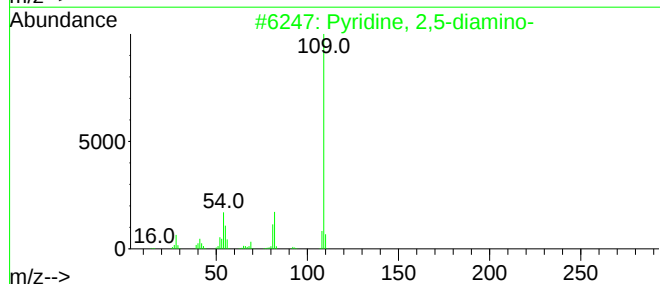
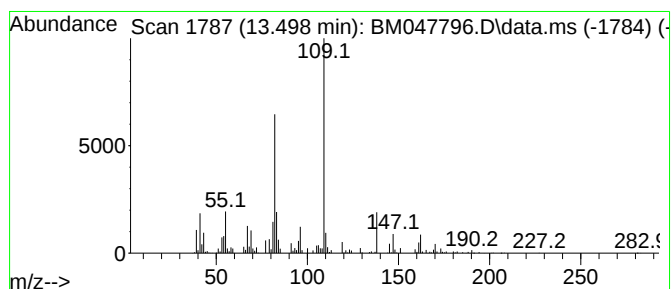
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TIC Integration Parameters: LSCINT.P

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Peak Number 35 Pyridine, 2,5-diamino- Concentration Rank 30

| R.T.      | EstConc                             | Area    | Relative to ISTD | R.T.         |      |
|-----------|-------------------------------------|---------|------------------|--------------|------|
| 13.498    | 15.24 ng/ul                         | 2816610 | Acenaphthene-d10 | 14.439       |      |
| Hit# of 5 | Tentative ID                        | MW      | MolForm          | CAS#         | Qual |
| 1         | Pyridine, 2,5-diamino-              | 109     | C5H7N3           | 004318-76-7  | 50   |
| 2         | 2,6-Pyridinediamine                 | 109     | C5H7N3           | 000141-86-6  | 50   |
| 3         | 2,6-Pyridinediamine                 | 109     | C5H7N3           | 000141-86-6  | 50   |
| 4         | 2,3-Pyridinediamine                 | 109     | C5H7N3           | 000452-58-4  | 50   |
| 5         | Diethylmalonic acid, di(2-fluoro... | 376     | C21H22F2O4       | 1000369-29-3 | 43   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM100224\  
Data File : BM047796.D  
Acq On : 03 Oct 2024 04:27  
Operator : RC/JU  
Sample : P4020-12  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DDCK8

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM092724.MA.M  
Quant Title : SVOA CALIBRATION

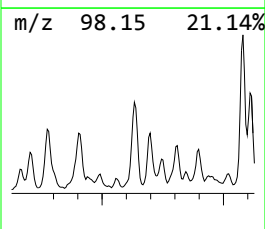
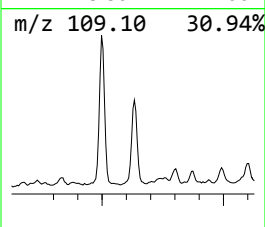
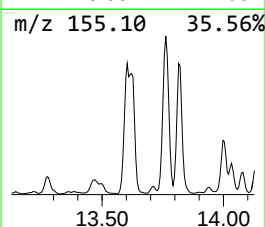
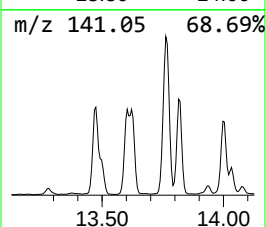
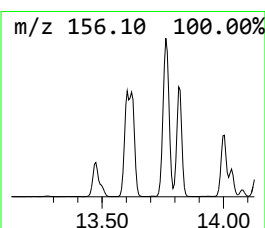
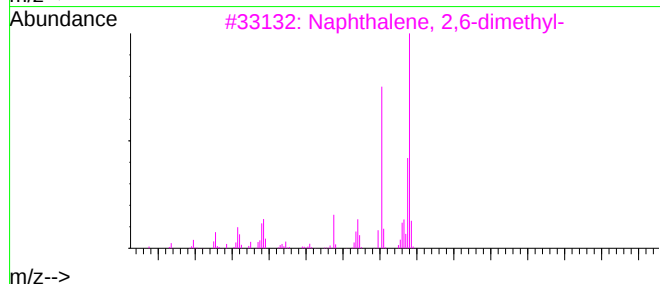
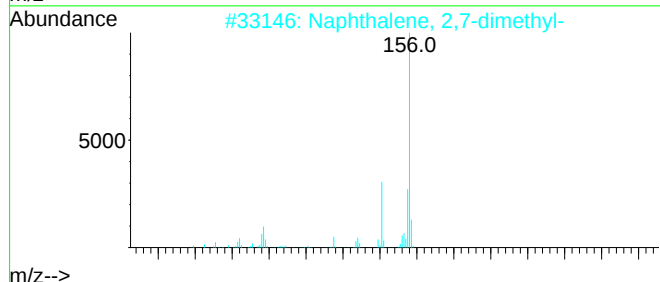
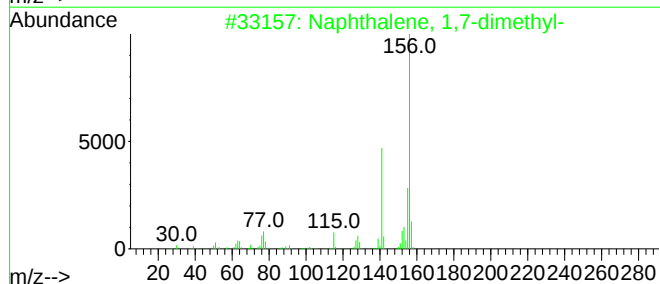
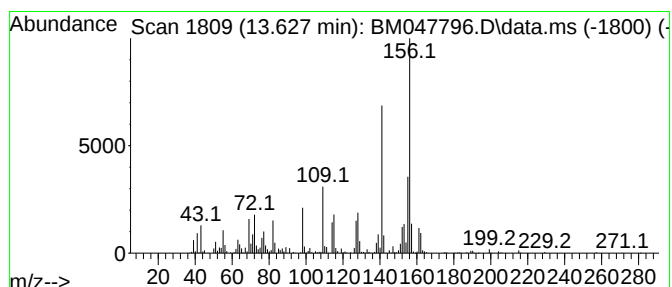
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TIC Integration Parameters: LSCINT.P

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Peak Number 36 Naphthalene, 1,7-dimethyl- Concentration Rank 9

| R.T.      | EstConc                    | Area    | Relative to ISTD |         |             | R.T.   |
|-----------|----------------------------|---------|------------------|---------|-------------|--------|
| 13.627    | 32.73 ng/ul                | 6049480 | Acenaphthene-d10 |         |             | 14.439 |
| Hit# of 5 | Tentative ID               |         | MW               | MolForm | CAS#        | Qual   |
| 1         | Naphthalene, 1,7-dimethyl- |         | 156              | C12H12  | 000575-37-1 | 95     |
| 2         | Naphthalene, 2,7-dimethyl- |         | 156              | C12H12  | 000582-16-1 | 94     |
| 3         | Naphthalene, 2,6-dimethyl- |         | 156              | C12H12  | 000581-42-0 | 93     |
| 4         | Naphthalene, 2,6-dimethyl- |         | 156              | C12H12  | 000581-42-0 | 93     |
| 5         | Naphthalene, 2,6-dimethyl- |         | 156              | C12H12  | 000581-42-0 | 93     |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM100224\  
Data File : BM047796.D  
Acq On : 03 Oct 2024 04:27  
Operator : RC/JU  
Sample : P4020-12  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DDCK8

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM092724.MA.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

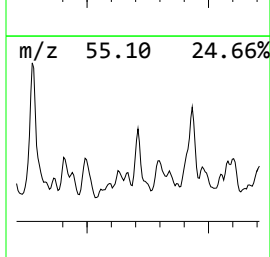
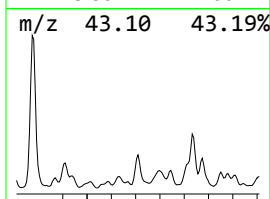
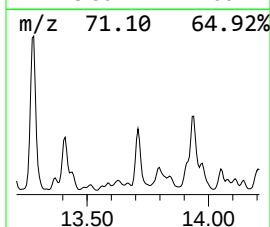
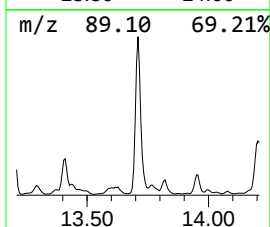
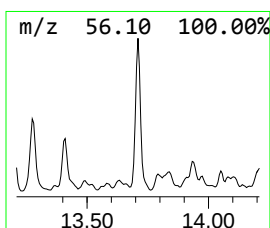
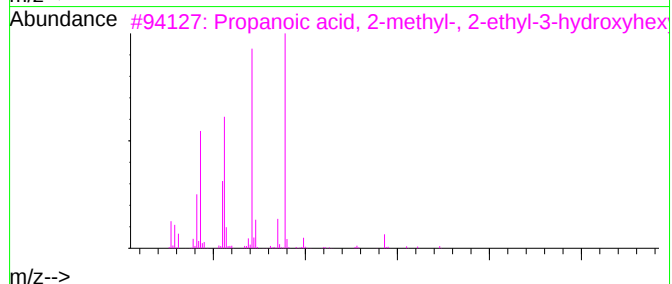
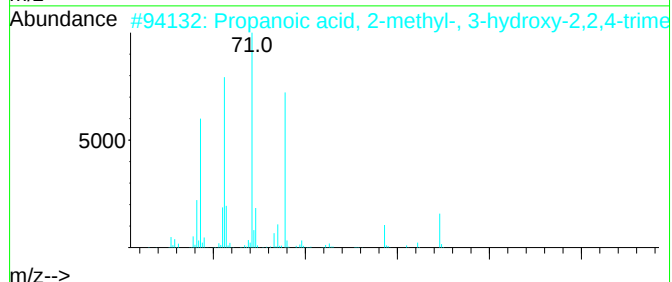
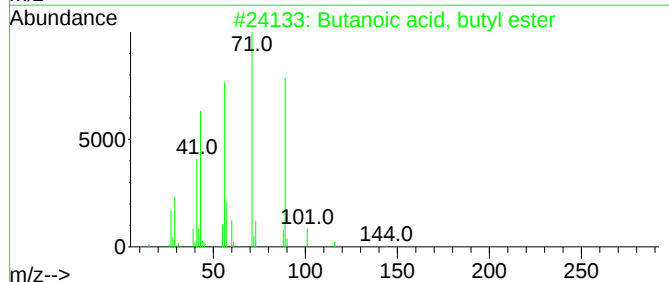
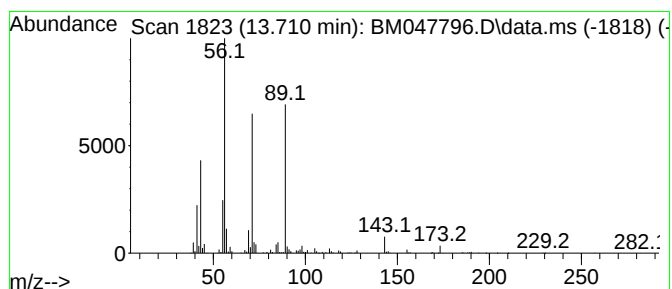
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Peak Number 37 Butanoic acid, butyl ester Concentration Rank 31

| R.T.   | EstConc     | Area    | Relative to ISTD | R.T.   |
|--------|-------------|---------|------------------|--------|
| 13.710 | 14.51 ng/ul | 2680910 | Acenaphthene-d10 | 14.439 |

| Hit# of 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|-----------|-------------------------------------|-----|----------|--------------|------|
| 1         | Butanoic acid, butyl ester          | 144 | C8H16O2  | 000109-21-7  | 50   |
| 2         | Propanoic acid, 2-methyl-, 3-hyd... | 216 | C12H24O3 | 000077-68-9  | 42   |
| 3         | Propanoic acid, 2-methyl-, 2-eth... | 216 | C12H24O3 | 074367-31-0  | 40   |
| 4         | 3,4,5-Trimethyldihydrofuran-2-one   | 128 | C7H12O2  | 1000194-05-2 | 27   |
| 5         | 2,2-Dimethyl-1,3-butanediol         | 118 | C6H14O2  | 000076-35-7  | 25   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM100224\  
Data File : BM047796.D  
Acq On : 03 Oct 2024 04:27  
Operator : RC/JU  
Sample : P4020-12  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DDCK8

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM092724.MA.M  
Quant Title : SVOA CALIBRATION

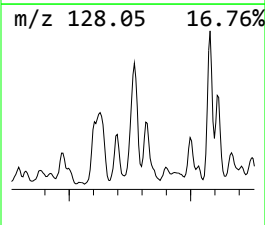
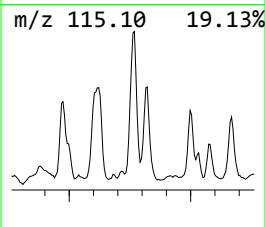
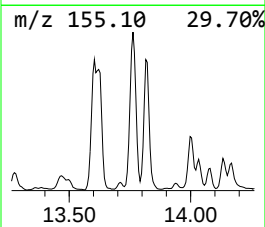
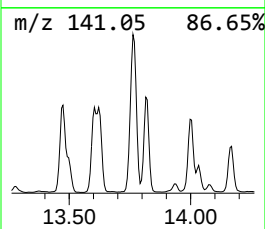
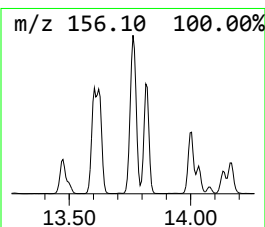
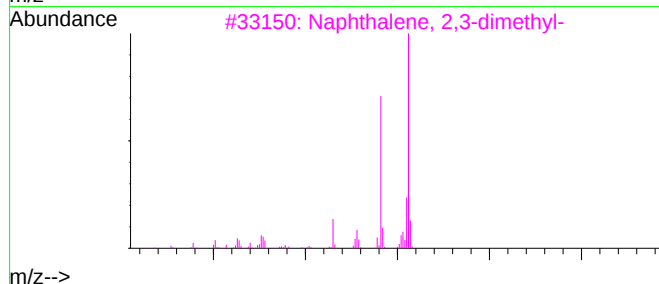
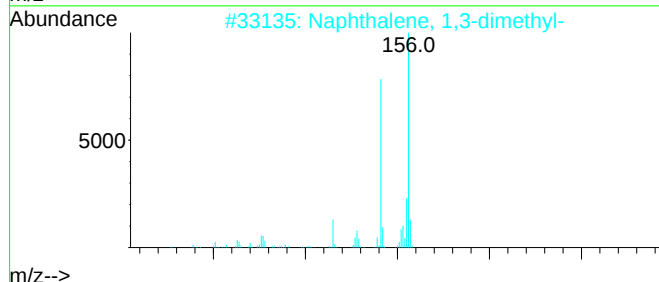
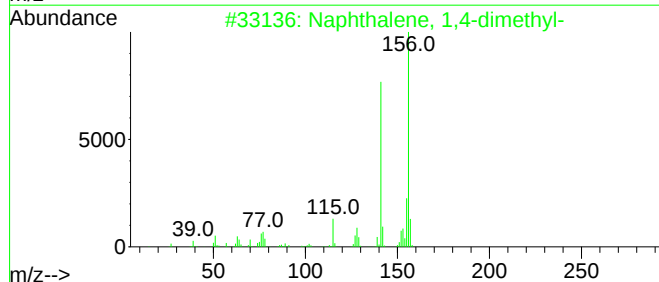
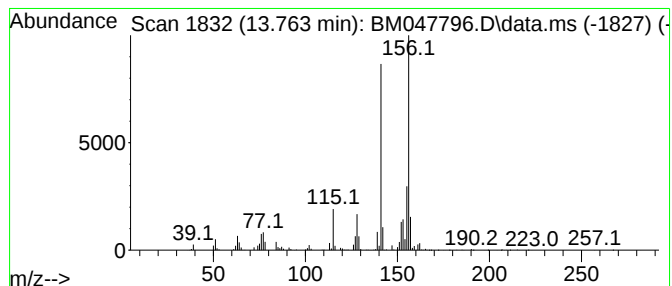
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TIC Integration Parameters: LSCINT.P

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Peak Number 38 Naphthalene, 1,4-dimethyl- Concentration Rank 17

| R.T.      | EstConc                    | Area    | Relative to ISTD |         | R.T.        |      |
|-----------|----------------------------|---------|------------------|---------|-------------|------|
| 13.762    | 24.70 ng/ul                | 4565110 | Acenaphthene-d10 |         | 14.439      |      |
| Hit# of 5 | Tentative ID               |         | MW               | MolForm | CAS#        | Qual |
| 1         | Naphthalene, 1,4-dimethyl- |         | 156              | C12H12  | 000571-58-4 | 97   |
| 2         | Naphthalene, 1,3-dimethyl- |         | 156              | C12H12  | 000575-41-7 | 97   |
| 3         | Naphthalene, 2,3-dimethyl- |         | 156              | C12H12  | 000581-40-8 | 96   |
| 4         | Naphthalene, 2,6-dimethyl- |         | 156              | C12H12  | 000581-42-0 | 96   |
| 5         | Naphthalene, 2,7-dimethyl- |         | 156              | C12H12  | 000582-16-1 | 96   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM100224\  
Data File : BM047796.D  
Acq On : 03 Oct 2024 04:27  
Operator : RC/JU  
Sample : P4020-12  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DDCK8

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM092724.MA.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

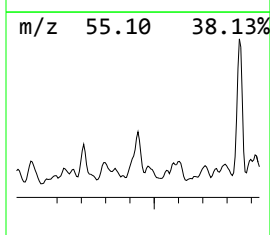
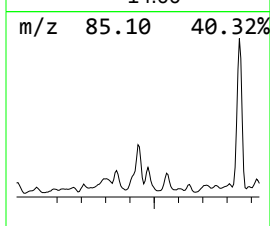
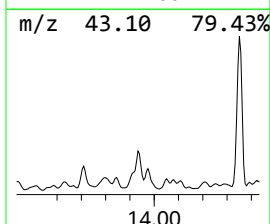
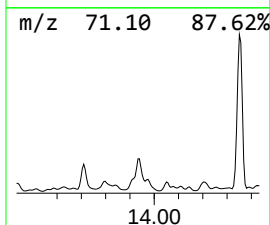
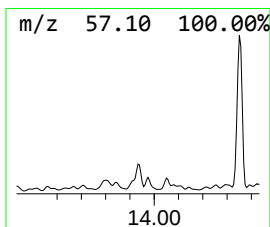
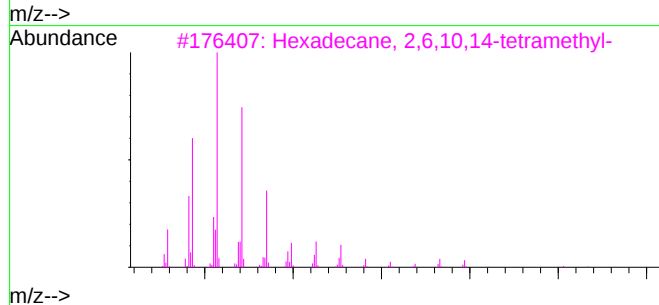
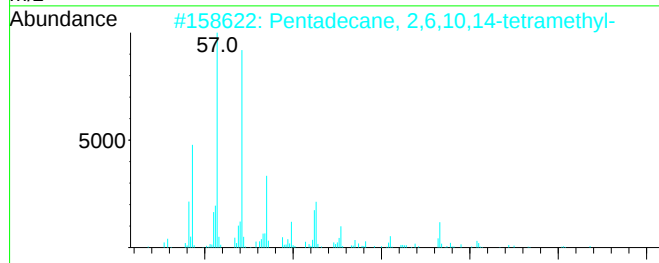
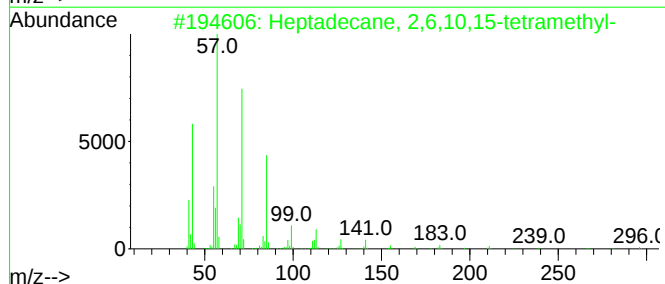
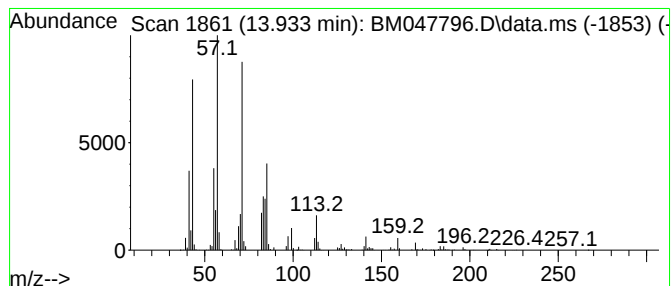
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Peak Number 39 (DEL) Alkane: Straight-Chai... Concentration Rank 15

| R.T.   | EstConc     | Area    | Relative to ISTD | R.T.   |
|--------|-------------|---------|------------------|--------|
| 13.933 | 26.35 ng/ul | 4869160 | Acenaphthene-d10 | 14.439 |

| Hit# of 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|-----------|-------------------------------------|-----|----------|--------------|------|
| 1         | Heptadecane, 2,6,10,15-tetramethyl- | 296 | C21H44   | 054833-48-6  | 64   |
| 2         | Pentadecane, 2,6,10,14-tetramethyl- | 268 | C19H40   | 001921-70-6  | 59   |
| 3         | Hexadecane, 2,6,10,14-tetramethyl-  | 282 | C20H42   | 000638-36-8  | 59   |
| 4         | Decane, 3,7-dimethyl-               | 170 | C12H26   | 017312-54-8  | 58   |
| 5         | Succinic acid, isohexyl tetrahyd... | 286 | C15H26O5 | 1000329-86-4 | 53   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM100224\  
Data File : BM047796.D  
Acq On : 03 Oct 2024 04:27  
Operator : RC/JU  
Sample : P4020-12  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DDCK8

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM092724.MA.M  
Quant Title : SVOA CALIBRATION

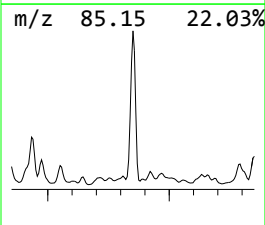
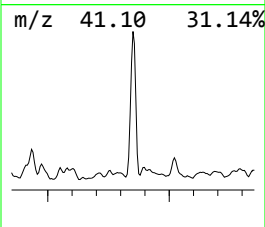
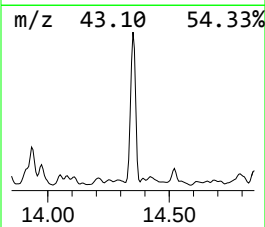
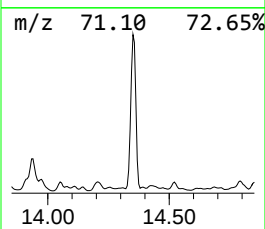
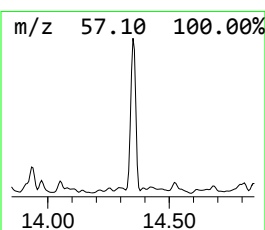
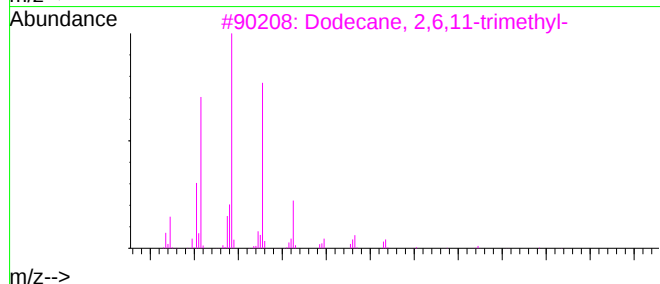
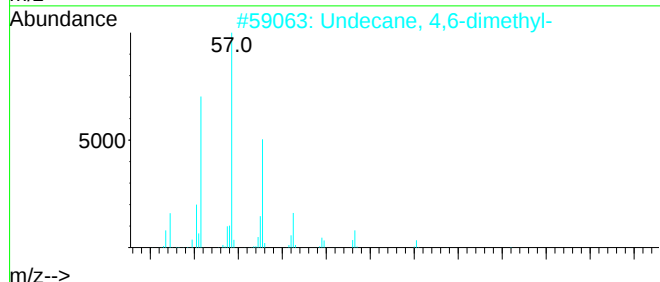
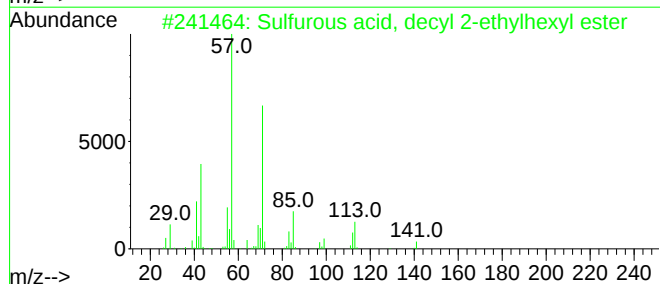
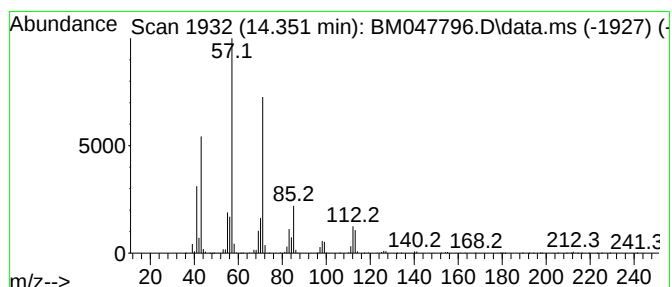
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TIC Integration Parameters: LSCINT.P

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Peak Number 40 Sulfurous acid, decyl 2-eth... Concentration Rank 1

| R.T.   | EstConc     | Area     | Relative to ISTD | R.T.   |
|--------|-------------|----------|------------------|--------|
| 14.351 | 83.47 ng/ul | 15426900 | Acenaphthene-d10 | 14.439 |

| Hit# of 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|-----------|-------------------------------------|-----|-----------|--------------|------|
| 1         | Sulfurous acid, decyl 2-ethylhex... | 334 | C18H38O3S | 1000309-19-3 | 90   |
| 2         | Undecane, 4,6-dimethyl-             | 184 | C13H28    | 017312-82-2  | 80   |
| 3         | Dodecane, 2,6,11-trimethyl-         | 212 | C15H32    | 031295-56-4  | 80   |
| 4         | Heptadecane, 7-methyl-              | 254 | C18H38    | 020959-33-5  | 72   |
| 5         | Hexadecane, 7-methyl-               | 240 | C17H36    | 026730-20-1  | 72   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM100224\  
Data File : BM047796.D  
Acq On : 03 Oct 2024 04:27  
Operator : RC/JU  
Sample : P4020-12  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DDCK8

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM092724.MA.M  
Quant Title : SVOA CALIBRATION

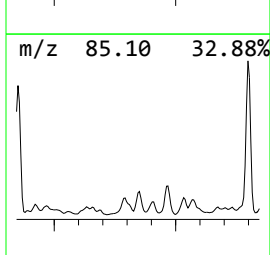
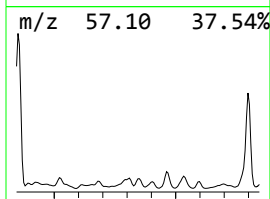
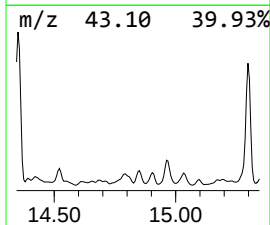
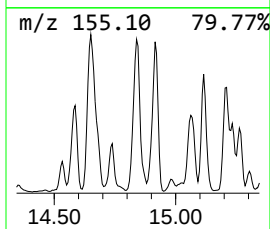
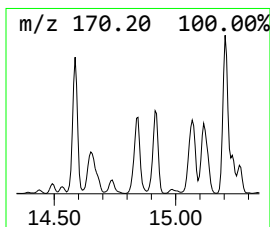
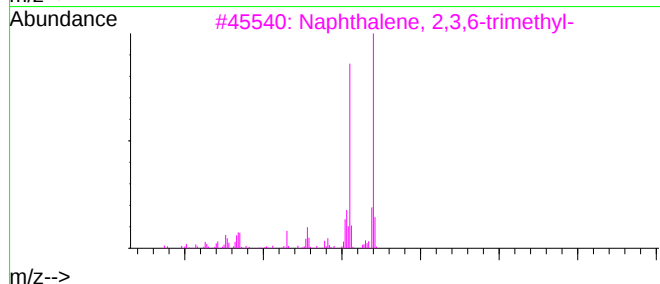
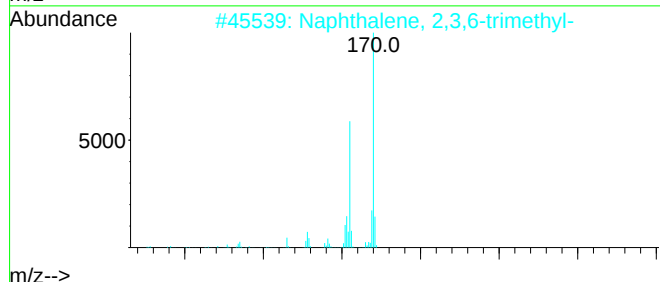
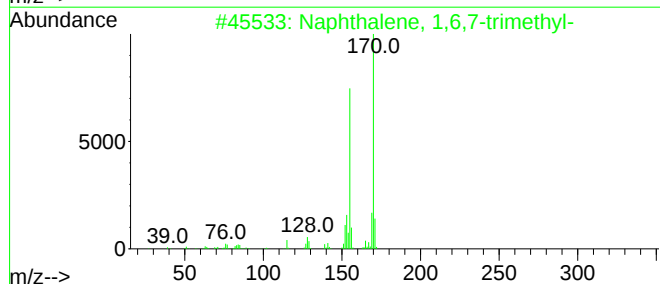
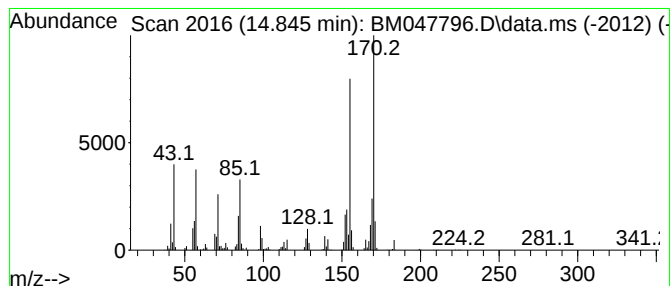
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TIC Integration Parameters: LSCINT.P

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Peak Number 41 Naphthalene, 1,6,7-trimethyl- Concentration Rank 24

| R.T.      | EstConc                       | Area    | Relative to ISTD | R.T.        |      |
|-----------|-------------------------------|---------|------------------|-------------|------|
| 14.845    | 17.40 ng/ul                   | 3214930 | Acenaphthene-d10 | 14.439      |      |
| Hit# of 5 | Tentative ID                  | MW      | MolForm          | CAS#        | Qual |
| 1         | Naphthalene, 1,6,7-trimethyl- | 170     | C13H14           | 002245-38-7 | 93   |
| 2         | Naphthalene, 2,3,6-trimethyl- | 170     | C13H14           | 000829-26-5 | 93   |
| 3         | Naphthalene, 2,3,6-trimethyl- | 170     | C13H14           | 000829-26-5 | 93   |
| 4         | Naphthalene, 1,6,7-trimethyl- | 170     | C13H14           | 002245-38-7 | 91   |
| 5         | Naphthalene, 1,6,7-trimethyl- | 170     | C13H14           | 002245-38-7 | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM100224\  
Data File : BM047796.D  
Acq On : 03 Oct 2024 04:27  
Operator : RC/JU  
Sample : P4020-12  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DDCK8

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM092724.MA.M  
Quant Title : SVOA CALIBRATION

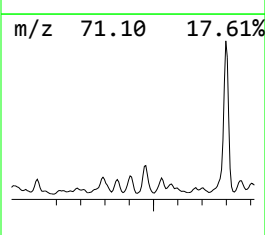
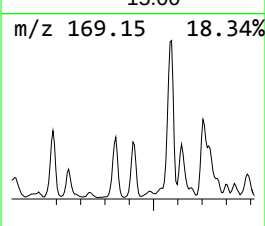
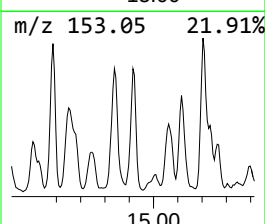
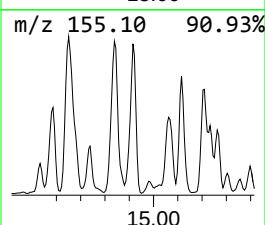
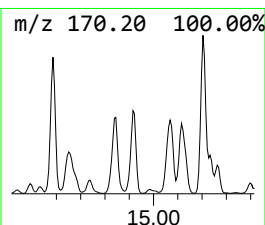
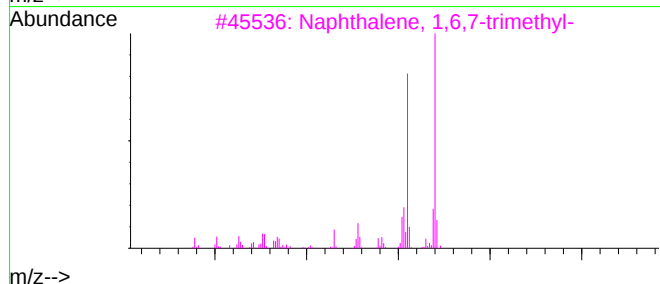
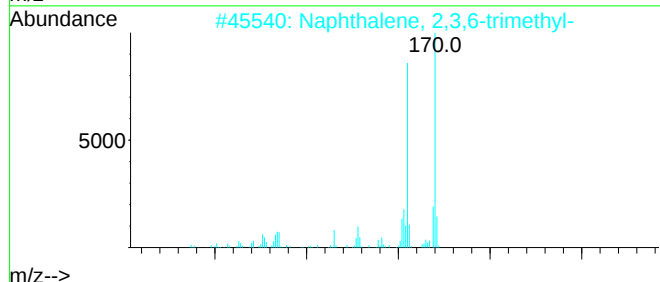
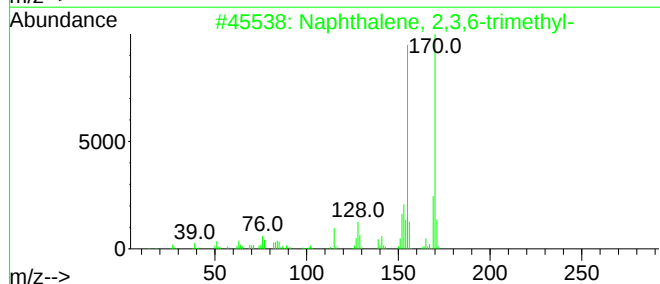
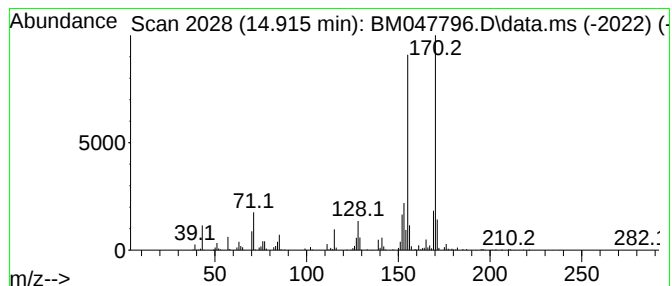
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

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Peak Number 42 Naphthalene, 2,3,6-trimethyl- Concentration Rank 36

| R.T.      | EstConc                       | Area    | Relative to ISTD |         | R.T.        |      |
|-----------|-------------------------------|---------|------------------|---------|-------------|------|
| 14.915    | 13.31 ng/ul                   | 2459580 | Acenaphthene-d10 |         | 14.439      |      |
| Hit# of 5 | Tentative ID                  |         | MW               | MolForm | CAS#        | Qual |
| 1         | Naphthalene, 2,3,6-trimethyl- |         | 170              | C13H14  | 000829-26-5 | 97   |
| 2         | Naphthalene, 2,3,6-trimethyl- |         | 170              | C13H14  | 000829-26-5 | 97   |
| 3         | Naphthalene, 1,6,7-trimethyl- |         | 170              | C13H14  | 002245-38-7 | 96   |
| 4         | Naphthalene, 1,4,6-trimethyl- |         | 170              | C13H14  | 002131-42-2 | 96   |
| 5         | Naphthalene, 2,3,6-trimethyl- |         | 170              | C13H14  | 000829-26-5 | 95   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM100224\  
Data File : BM047796.D  
Acq On : 03 Oct 2024 04:27  
Operator : RC/JU  
Sample : P4020-12  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DDCK8

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM092724.MA.M  
Quant Title : SVOA CALIBRATION

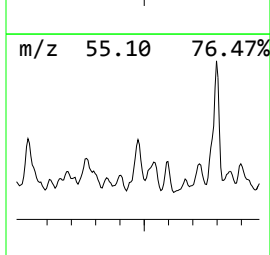
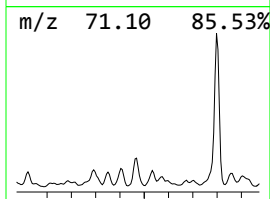
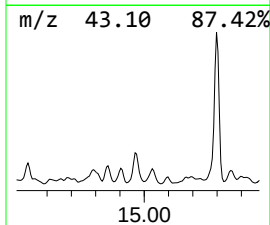
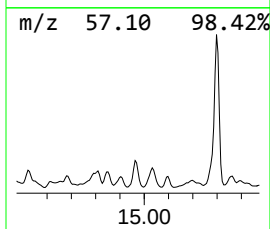
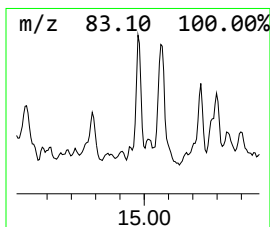
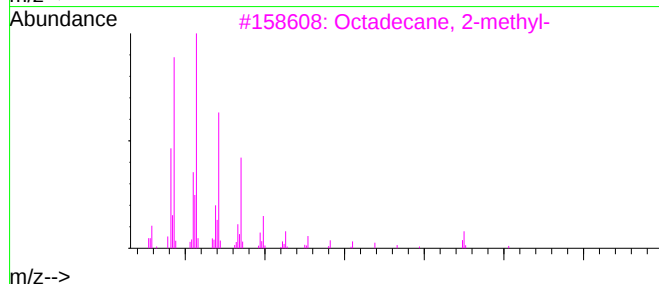
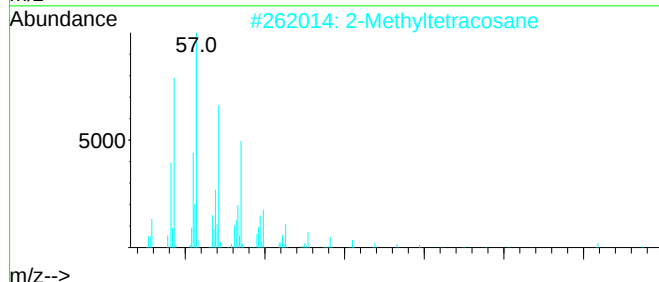
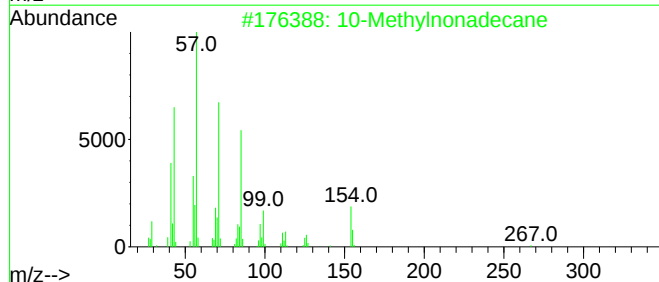
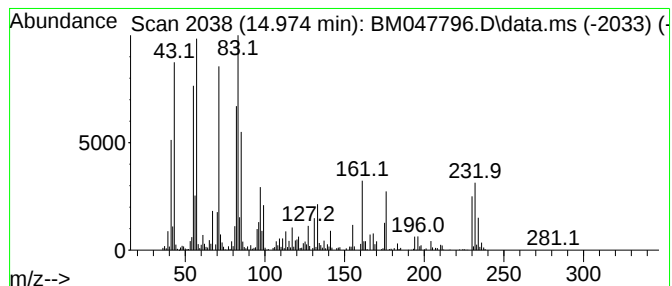
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

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Peak Number 43 (DEL) Alkane: Straight-Chai... Concentration Rank 21

| R.T.      | EstConc                      | Area    | Relative to ISTD | R.T.        |      |
|-----------|------------------------------|---------|------------------|-------------|------|
| 14.974    | 19.07 ng/ul                  | 3524280 | Acenaphthene-d10 | 14.439      |      |
| Hit# of 5 | Tentative ID                 | MW      | MolForm          | CAS#        | Qual |
| 1         | 10-Methylnonadecane          | 282     | C20H42           | 056862-62-5 | 38   |
| 2         | 2-Methyltetracosane          | 352     | C25H52           | 001560-78-7 | 38   |
| 3         | Octadecane, 2-methyl-        | 268     | C19H40           | 001560-88-9 | 35   |
| 4         | Dodecane, 2-methyl-6-propyl- | 226     | C16H34           | 055045-08-4 | 30   |
| 5         | Nonadecane                   | 268     | C19H40           | 000629-92-5 | 30   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM100224\  
Data File : BM047796.D  
Acq On : 03 Oct 2024 04:27  
Operator : RC/JU  
Sample : P4020-12  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DDCK8

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM092724.MA.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

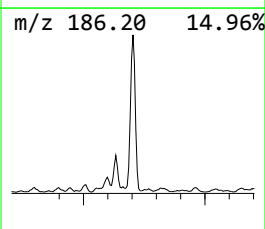
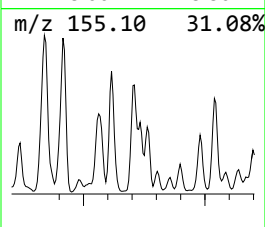
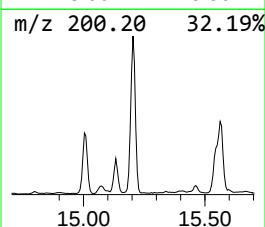
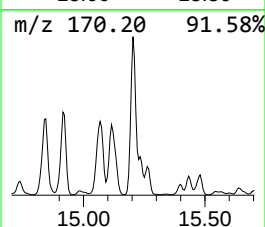
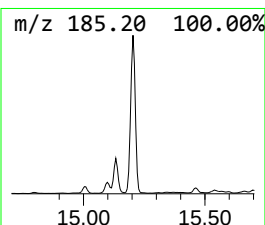
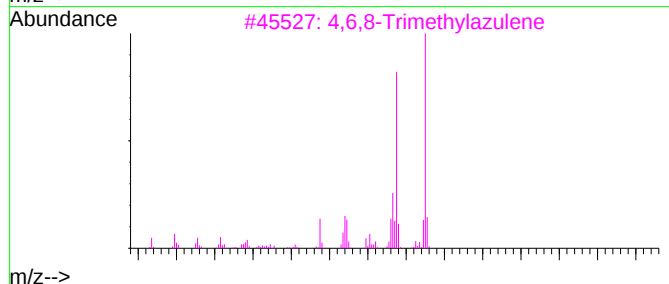
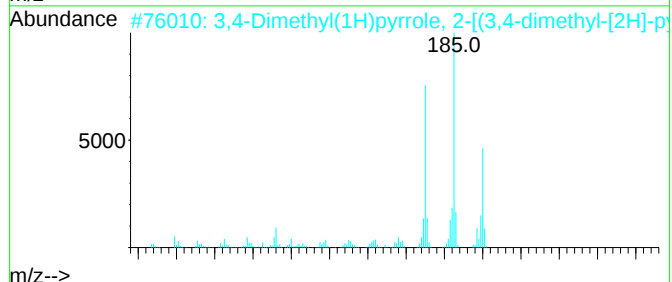
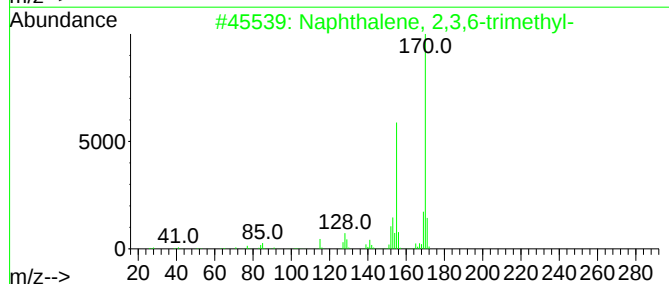
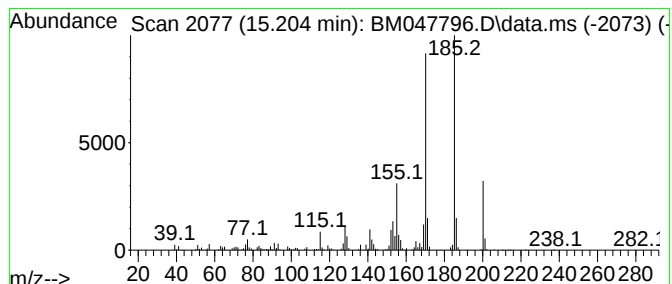
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Peak Number 44 4,6,8-Trimethylazulene Concentration Rank 12

| R.T.   | EstConc     | Area    | Relative to ISTD | R.T.   |
|--------|-------------|---------|------------------|--------|
| 15.204 | 29.70 ng/ul | 5488050 | Acenaphthene-d10 | 14.439 |

| Hit# of 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|-----------|-------------------------------------|-----|----------|-------------|------|
| 1         | Naphthalene, 2,3,6-trimethyl-       | 170 | C13H14   | 000829-26-5 | 90   |
| 2         | 3,4-Dimethyl(1H)pyrrole, 2-[(3,4... | 200 | C13H16N2 | 065539-79-9 | 72   |
| 3         | 4,6,8-Trimethylazulene              | 170 | C13H14   | 000941-81-1 | 70   |
| 4         | 4,6,8-Trimethylazulene              | 170 | C13H14   | 000941-81-1 | 55   |
| 5         | Naphthalene, 1,6,7-trimethyl-       | 170 | C13H14   | 002245-38-7 | 55   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM100224\  
Data File : BM047796.D  
Acq On : 03 Oct 2024 04:27  
Operator : RC/JU  
Sample : P4020-12  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DDCK8

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM092724.MA.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L

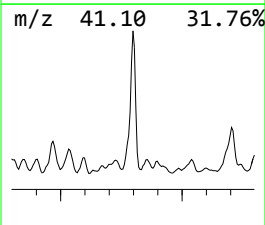
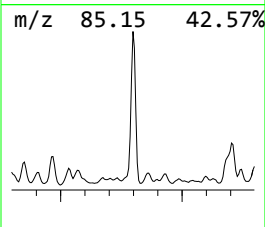
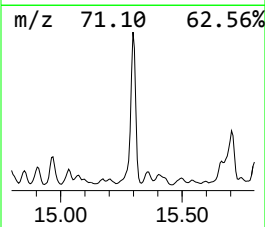
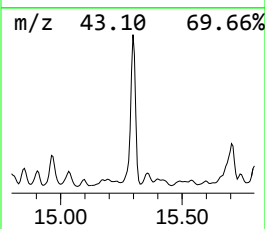
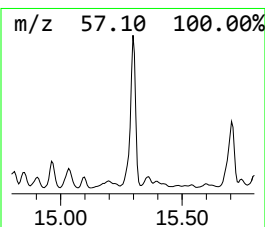
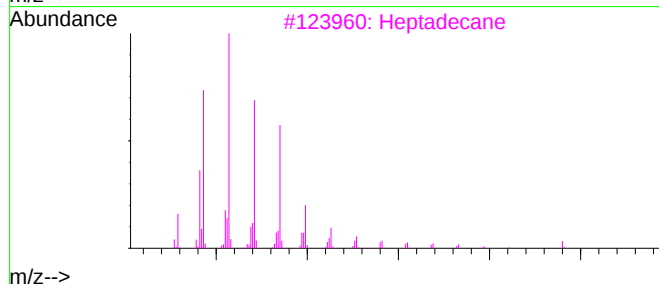
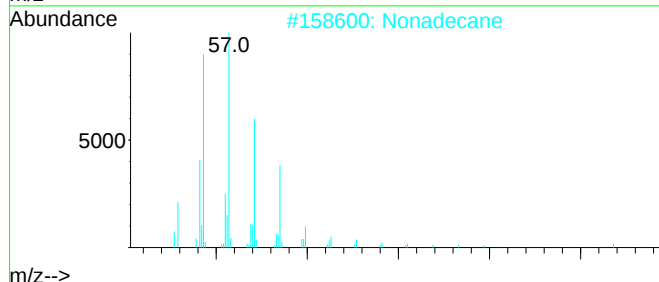
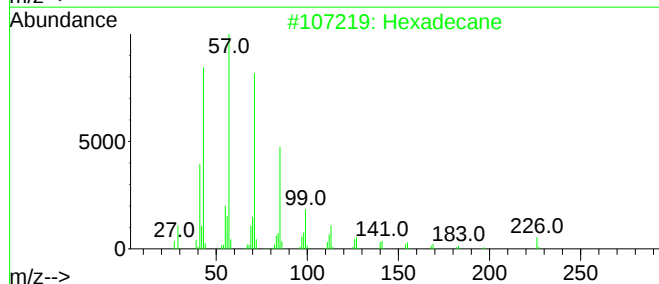
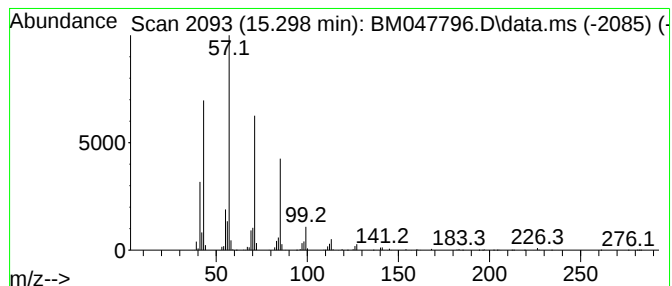
TIC Integration Parameters: LSCINT.P

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Peak Number 45 (DEL) Alkane: Straight-Chai... Concentration Rank 4

| R.T.   | EstConc     | Area     | Relative to ISTD | R.T.   |
|--------|-------------|----------|------------------|--------|
| 15.298 | 60.20 ng/ul | 11126400 | Acenaphthene-d10 | 14.439 |

| Hit# of 5 | Tentative ID                 | MW  | MolForm | CAS#        | Qual |
|-----------|------------------------------|-----|---------|-------------|------|
| 1         | Hexadecane                   | 226 | C16H34  | 000544-76-3 | 95   |
| 2         | Nonadecane                   | 268 | C19H40  | 000629-92-5 | 91   |
| 3         | Heptadecane                  | 240 | C17H36  | 000629-78-7 | 90   |
| 4         | Nonadecane, 9-methyl-        | 282 | C20H42  | 013287-24-6 | 86   |
| 5         | Dodecane, 2-methyl-6-propyl- | 226 | C16H34  | 055045-08-4 | 86   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM100224\  
Data File : BM047796.D  
Acq On : 03 Oct 2024 04:27  
Operator : RC/JU  
Sample : P4020-12  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DDCK8

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM092724.MA.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

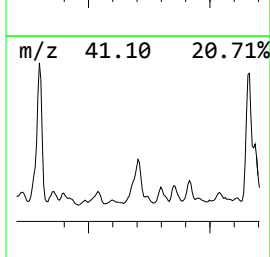
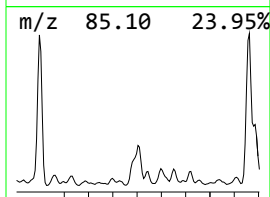
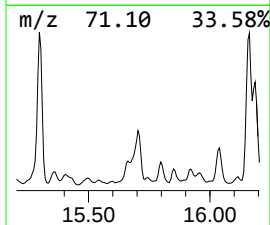
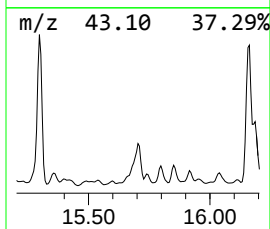
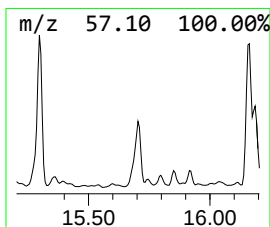
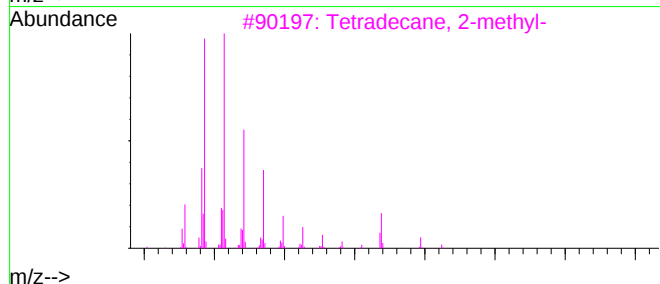
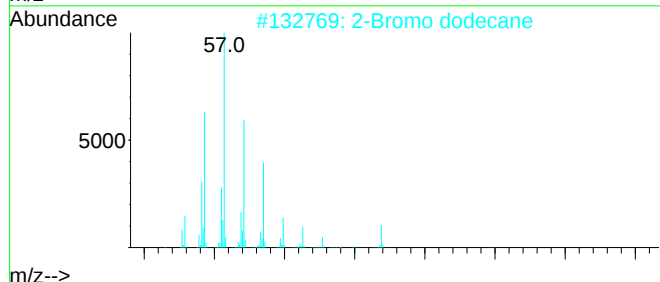
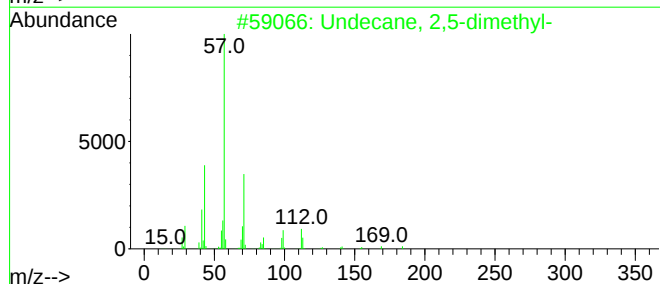
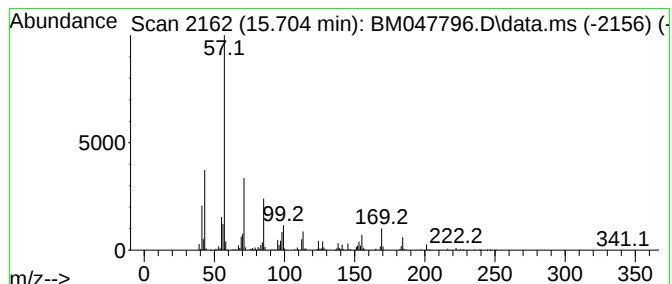
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Peak Number 46 (DEL) Alkane: Straight-Chai... Concentration Rank 11

| R.T.   | EstConc     | Area    | Relative to ISTD | R.T.   |
|--------|-------------|---------|------------------|--------|
| 15.704 | 30.78 ng/ul | 5687670 | Acenaphthene-d10 | 14.439 |

| Hit# of 5 | Tentative ID                   | MW  | MolForm  | CAS#        | Qual |
|-----------|--------------------------------|-----|----------|-------------|------|
| 1         | Undecane, 2,5-dimethyl-        | 184 | C13H28   | 017301-22-3 | 58   |
| 2         | 2-Bromo dodecane               | 248 | C12H25Br | 013187-99-0 | 58   |
| 3         | Tetradecane, 2-methyl-         | 212 | C15H32   | 001560-95-8 | 53   |
| 4         | Pentadecane, 2,6,10-trimethyl- | 254 | C18H38   | 003892-00-0 | 50   |
| 5         | Tridecane, 2-methyl-           | 198 | C14H30   | 001560-96-9 | 47   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM100224\  
Data File : BM047796.D  
Acq On : 03 Oct 2024 04:27  
Operator : RC/JU  
Sample : P4020-12  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DDCK8

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM092724.MA.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

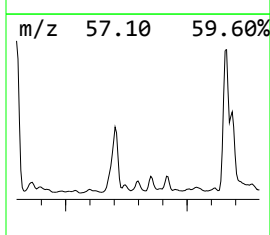
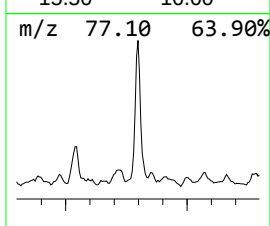
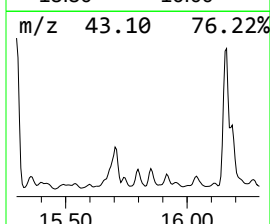
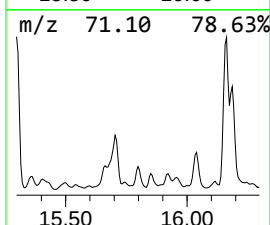
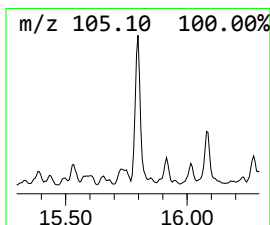
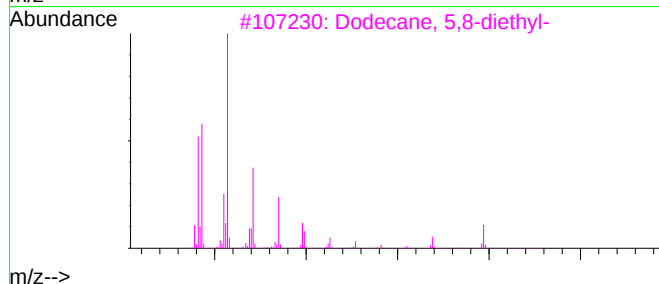
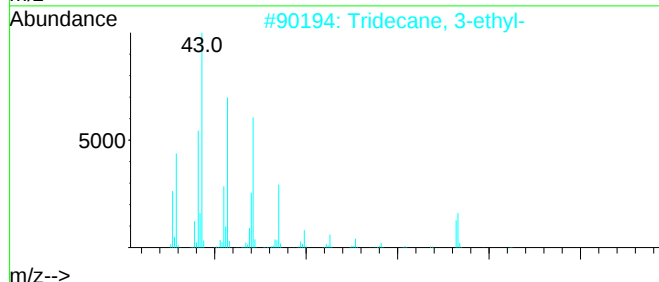
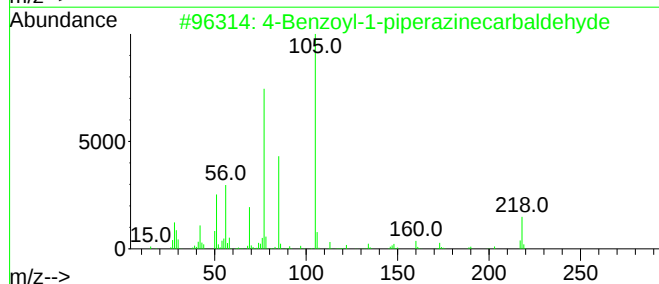
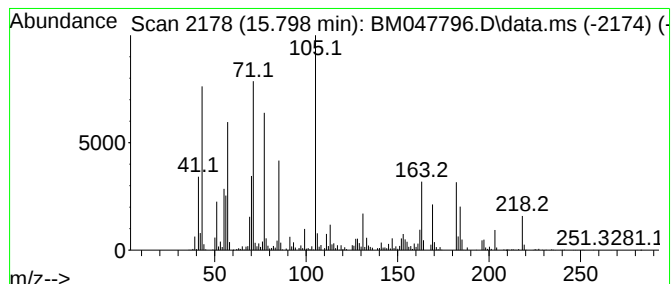
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Peak Number 47 unknown-02

Concentration Rank 29

| R.T.   | EstConc     | Area    | Relative to ISTD | R.T.   |
|--------|-------------|---------|------------------|--------|
| 15.798 | 15.87 ng/ul | 2933130 | Acenaphthene-d10 | 14.439 |

| Hit# of 5 | Tentative ID                       | MW  | MolForm    | CAS#         | Qual |
|-----------|------------------------------------|-----|------------|--------------|------|
| 1         | 4-Benzoyl-1-piperazinecarbaldehyde | 218 | C12H14N2O2 | 1000332-13-9 | 47   |
| 2         | Tridecane, 3-ethyl-                | 212 | C15H32     | 013286-73-2  | 45   |
| 3         | Dodecane, 5,8-diethyl-             | 226 | C16H34     | 024251-86-3  | 45   |
| 4         | 2,6-Dimethyldecane                 | 170 | C12H26     | 013150-81-7  | 38   |
| 5         | Dodecane, 2,6,11-trimethyl-        | 212 | C15H32     | 031295-56-4  | 38   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM100224\  
Data File : BM047796.D  
Acq On : 03 Oct 2024 04:27  
Operator : RC/JU  
Sample : P4020-12  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DDCK8

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM092724.MA.M  
Quant Title : SVOA CALIBRATION

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

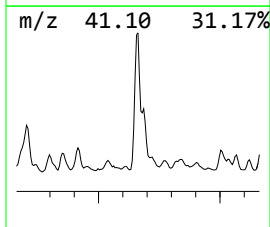
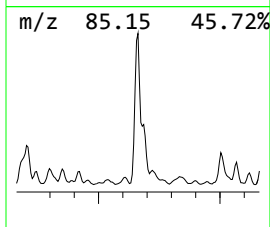
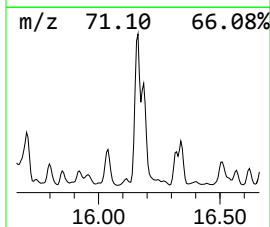
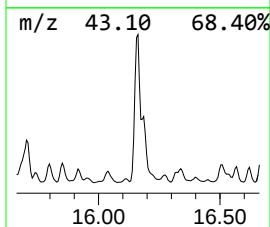
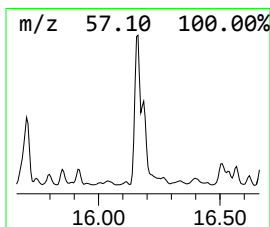
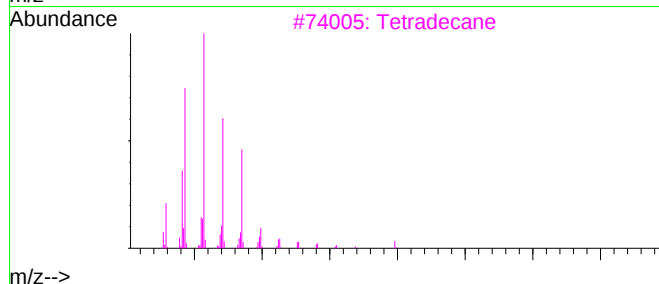
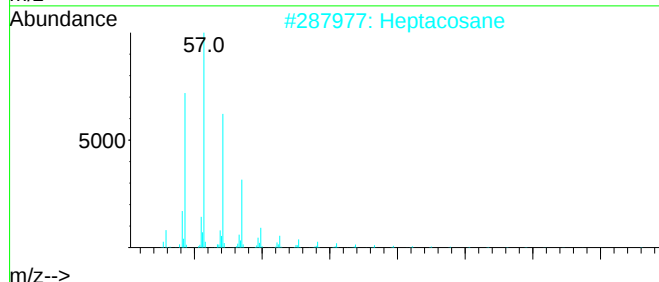
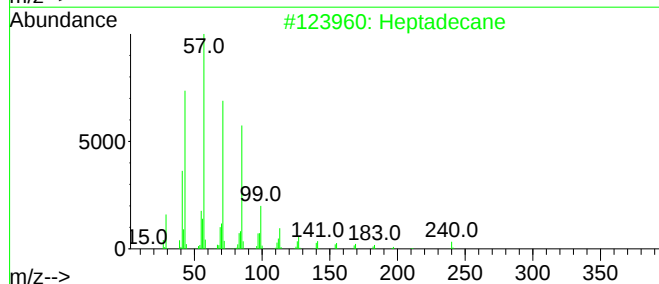
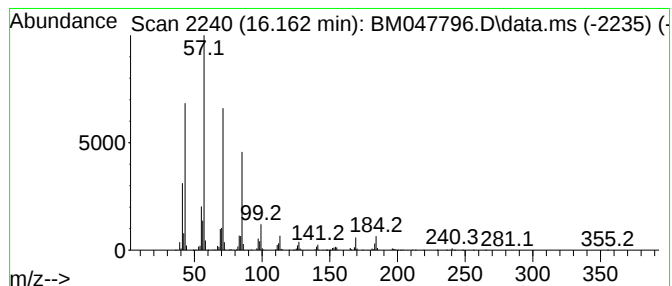
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Peak Number 48 (DEL) Alkane: Straight-Chai... Concentration Rank 5

| R.T.   | EstConc     | Area     | Relative to ISTD | R.T.   |
|--------|-------------|----------|------------------|--------|
| 16.162 | 41.65 ng/ul | 10225800 | Phenanthrene-d10 | 17.192 |

| Hit# of 5 | Tentative ID      | MW  | MolForm | CAS#        | Qual |
|-----------|-------------------|-----|---------|-------------|------|
| 1         | Heptadecane       | 240 | C17H36  | 000629-78-7 | 95   |
| 2         | Heptacosane       | 380 | C27H56  | 000593-49-7 | 91   |
| 3         | Tetradecane       | 198 | C14H30  | 000629-59-4 | 87   |
| 4         | Dodecane, 1-iodo- | 296 | C12H25I | 004292-19-7 | 87   |
| 5         | Heneicosane       | 296 | C21H44  | 000629-94-7 | 86   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM100224\  
Data File : BM047796.D  
Acq On : 03 Oct 2024 04:27  
Operator : RC/JU  
Sample : P4020-12  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DDCK8

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM092724.MA.M  
Quant Title : SVOA CALIBRATION

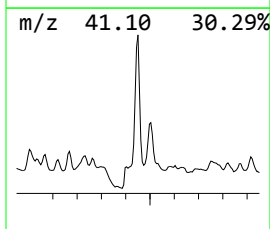
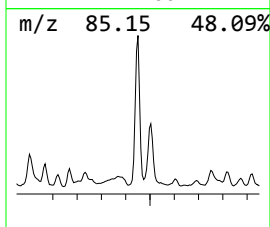
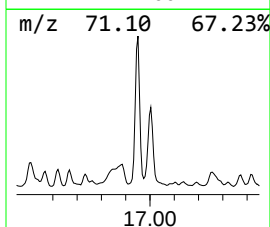
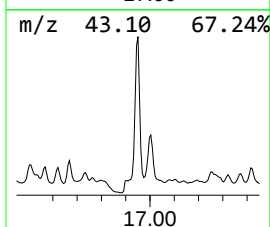
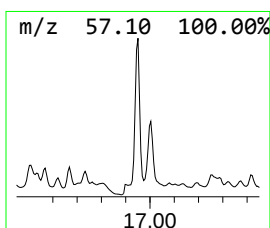
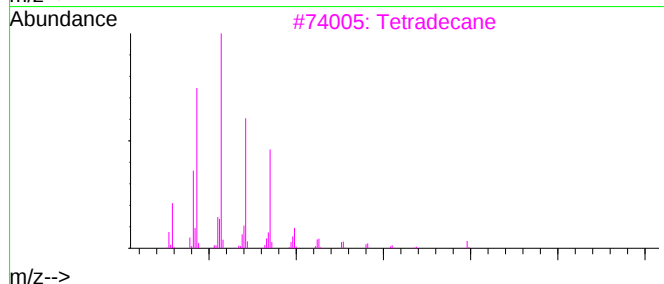
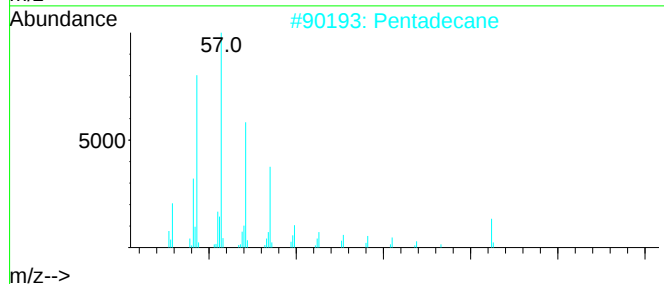
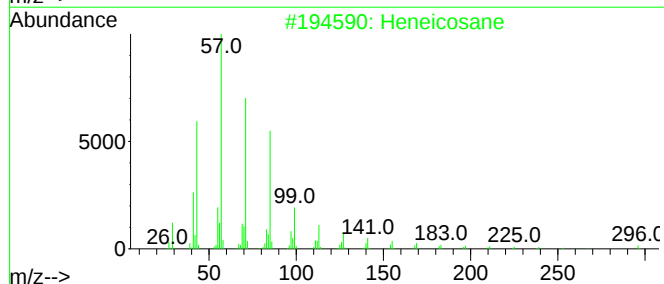
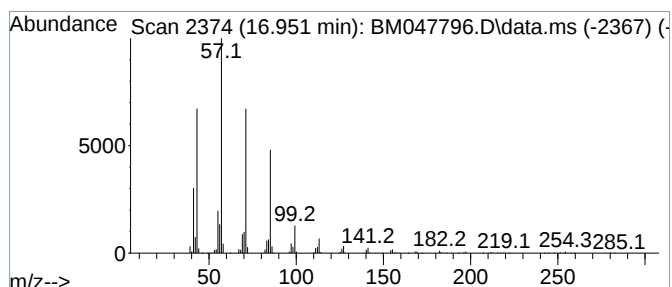
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

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Peak Number 49 (DEL) Alkane: Straight-Chai... Concentration Rank 7

| R.T.      | EstConc                      | Area    | Relative to ISTD |         | R.T.        |      |
|-----------|------------------------------|---------|------------------|---------|-------------|------|
| 16.951    | 38.12 ng/ul                  | 9358520 | Phenanthrene-d10 |         | 17.192      |      |
| Hit# of 5 | Tentative ID                 |         | MW               | MolForm | CAS#        | Qual |
| 1         | Heneicosane                  |         | 296              | C21H44  | 000629-94-7 | 91   |
| 2         | Pentadecane                  |         | 212              | C15H32  | 000629-62-9 | 90   |
| 3         | Tetradecane                  |         | 198              | C14H30  | 000629-59-4 | 90   |
| 4         | Heptadecane                  |         | 240              | C17H36  | 000629-78-7 | 87   |
| 5         | Dodecane, 2-methyl-6-propyl- |         | 226              | C16H34  | 055045-08-4 | 80   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM100224\  
Data File : BM047796.D  
Acq On : 03 Oct 2024 04:27  
Operator : RC/JU  
Sample : P4020-12  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DDCK8

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM092724.MA.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

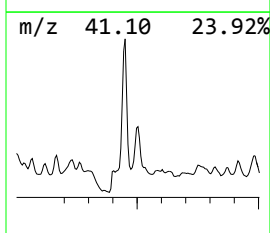
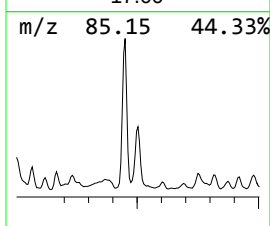
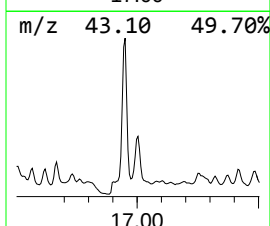
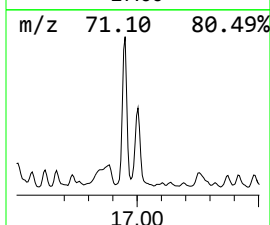
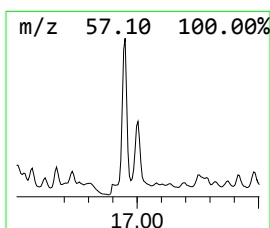
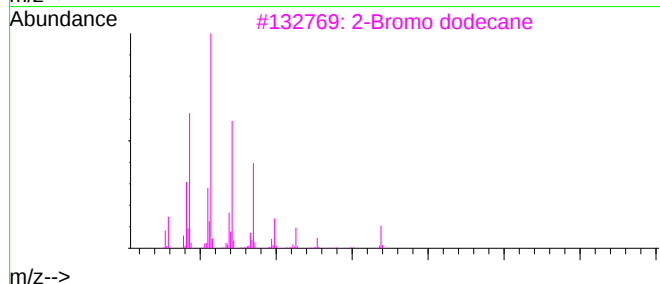
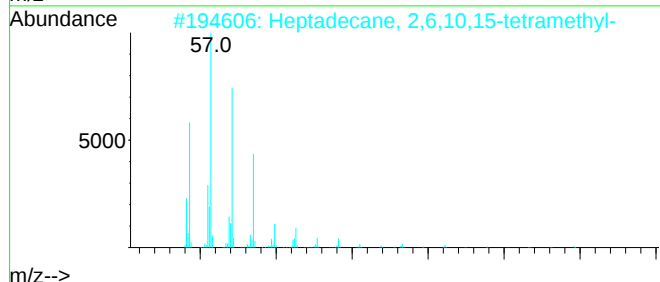
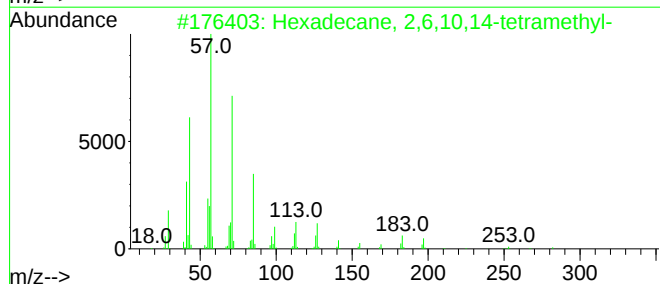
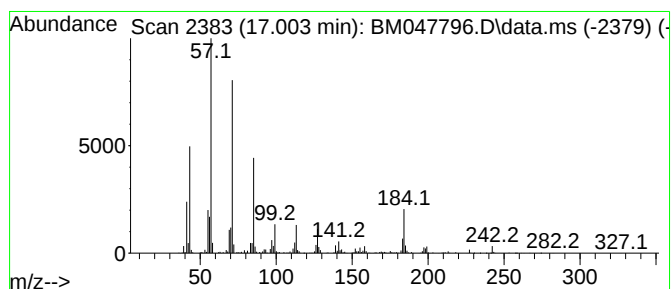
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Peak Number 50 (DEL) Alkane: Straight-Chai... Concentration Rank 18

| R.T.   | EstConc     | Area    | Relative to ISTD | R.T.   |
|--------|-------------|---------|------------------|--------|
| 17.003 | 24.56 ng/ul | 6029040 | Phenanthrene-d10 | 17.192 |

| Hit# of 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|-----------|-------------------------------------|-----|----------|-------------|------|
| 1         | Hexadecane, 2,6,10,14-tetramethyl-  | 282 | C20H42   | 000638-36-8 | 83   |
| 2         | Heptadecane, 2,6,10,15-tetramethyl- | 296 | C21H44   | 054833-48-6 | 72   |
| 3         | 2-Bromo dodecane                    | 248 | C12H25Br | 013187-99-0 | 72   |
| 4         | 2-Bromotetradecane                  | 276 | C14H29Br | 074036-95-6 | 72   |
| 5         | Tetracosane                         | 338 | C24H50   | 000646-31-1 | 72   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM100224\  
Data File : BM047796.D  
Acq On : 03 Oct 2024 04:27  
Operator : RC/JU  
Sample : P4020-12  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DDCK8

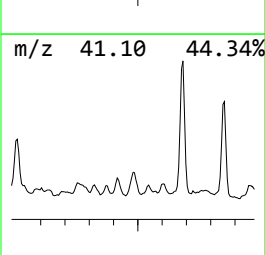
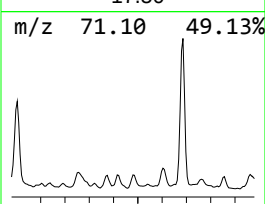
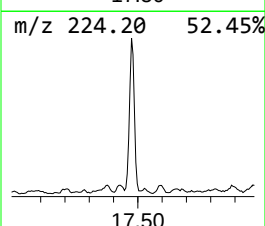
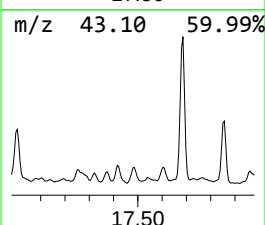
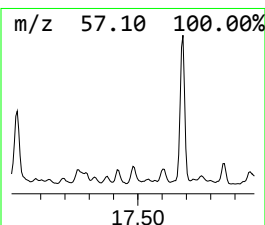
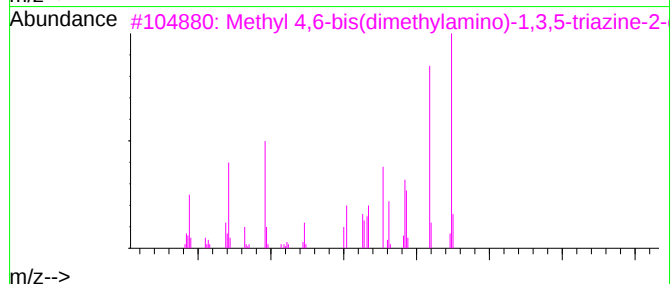
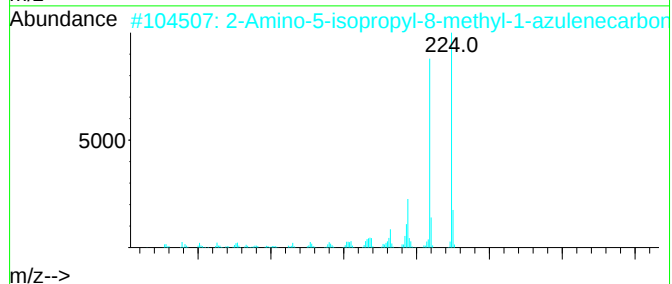
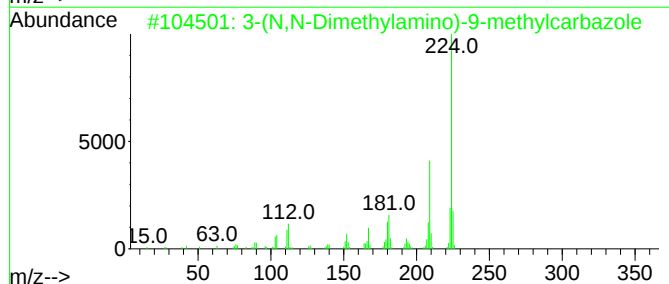
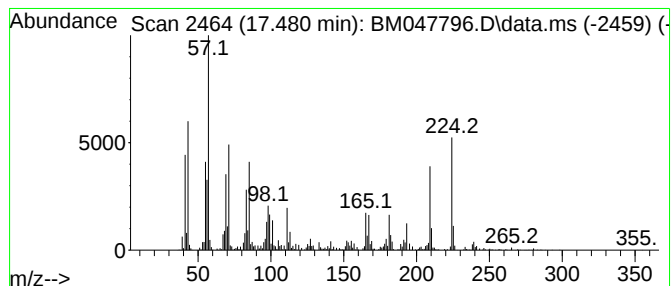
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Quant Title : SVOA CALIBRATION

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

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Peak Number 51 unknown-03 Concentration Rank 42

| R.T.      | EstConc                             | Area    | Relative to ISTD | R.T.         |      |
|-----------|-------------------------------------|---------|------------------|--------------|------|
| 17.480    | 11.13 ng/ul                         | 2733420 | Phenanthrene-d10 | 17.192       |      |
| Hit# of 5 | Tentative ID                        | MW      | MolForm          | CAS#         | Qual |
| 1         | 3-(N,N-Dimethylamino)-9-methylca... | 224     | C15H16N2         | 094127-15-8  | 46   |
| 2         | 2-Amino-5-isopropyl-8-methyl-1-a... | 224     | C15H16N2         | 093946-48-6  | 46   |
| 3         | Methyl 4,6-bis(dimethylamino)-1,... | 224     | C9H16N6O         | 1000101-98-0 | 43   |
| 4         | Pentadecane                         | 212     | C15H32           | 000629-62-9  | 38   |
| 5         | Hexadecane                          | 226     | C16H34           | 000544-76-3  | 38   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM100224\  
Data File : BM047796.D  
Acq On : 03 Oct 2024 04:27  
Operator : RC/JU  
Sample : P4020-12  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DDCK8

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM092724.MA.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

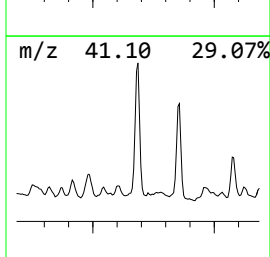
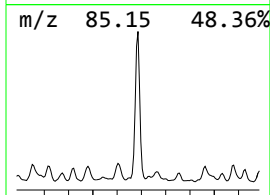
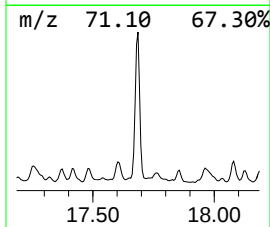
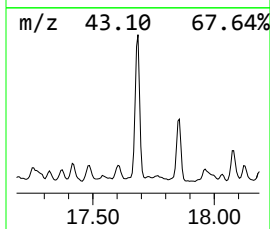
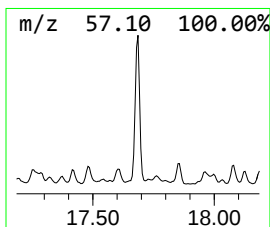
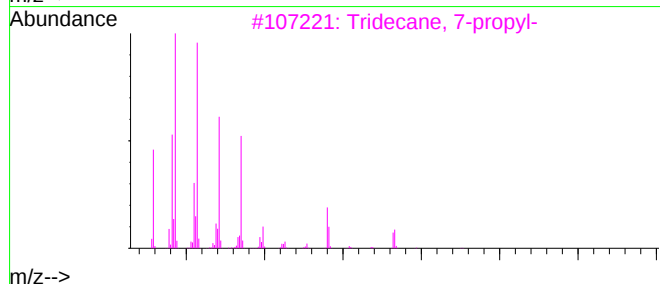
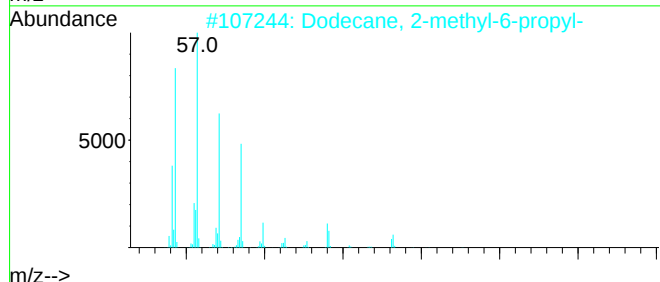
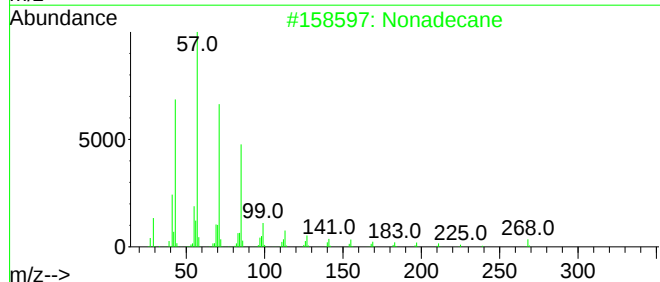
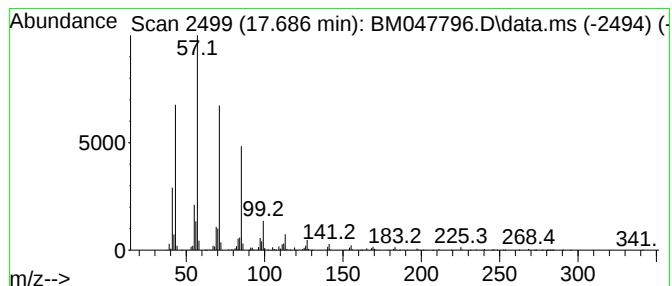
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Peak Number 52 (DEL) Alkane: Straight-Chai... Concentration Rank 10

| R.T.   | EstConc     | Area    | Relative to ISTD | R.T.   |
|--------|-------------|---------|------------------|--------|
| 17.686 | 32.18 ng/ul | 7899450 | Phenanthrene-d10 | 17.192 |

| Hit# of 5 | Tentative ID                 | MW  | MolForm | CAS#        | Qual |
|-----------|------------------------------|-----|---------|-------------|------|
| 1         | Nonadecane                   | 268 | C19H40  | 000629-92-5 | 94   |
| 2         | Dodecane, 2-methyl-6-propyl- | 226 | C16H34  | 055045-08-4 | 93   |
| 3         | Tridecane, 7-propyl-         | 226 | C16H34  | 055045-09-5 | 93   |
| 4         | Pentadecane                  | 212 | C15H32  | 000629-62-9 | 91   |
| 5         | Heneicosane                  | 296 | C21H44  | 000629-94-7 | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM100224\  
Data File : BM047796.D  
Acq On : 03 Oct 2024 04:27  
Operator : RC/JU  
Sample : P4020-12  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DDCK8

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM092724.MA.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

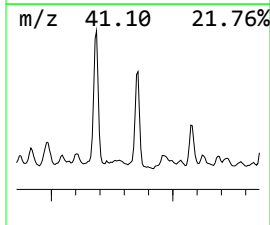
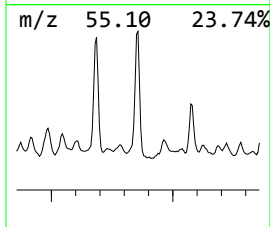
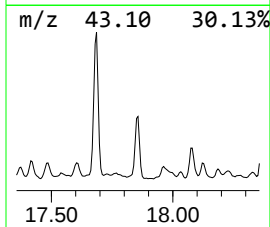
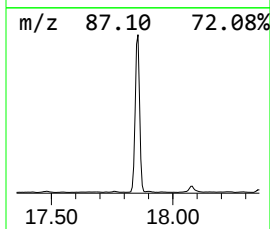
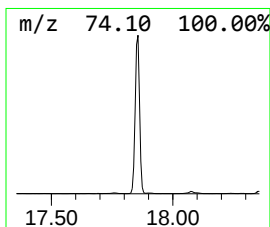
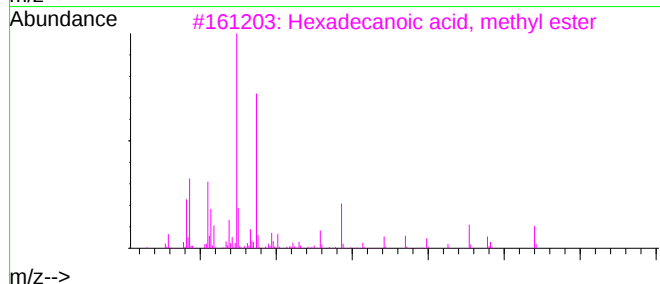
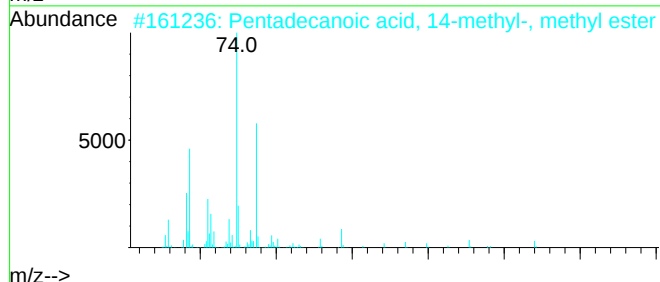
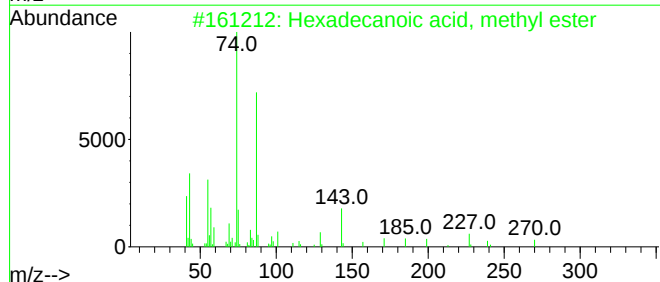
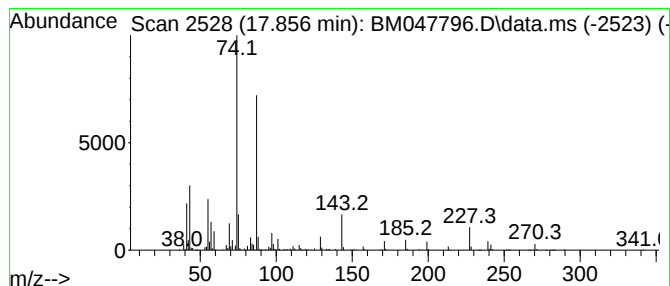
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Peak Number 53 Hexadecanoic acid, methyl e... Concentration Rank 13

| R.T.   | EstConc     | Area    | Relative to ISTD | R.T.   |
|--------|-------------|---------|------------------|--------|
| 17.856 | 27.37 ng/ul | 6719000 | Phenanthrene-d10 | 17.192 |

| Hit# of 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|-----------|-------------------------------------|-----|----------|-------------|------|
| 1         | Hexadecanoic acid, methyl ester     | 270 | C17H34O2 | 000112-39-0 | 98   |
| 2         | Pentadecanoic acid, 14-methyl-, ... | 270 | C17H34O2 | 005129-60-2 | 95   |
| 3         | Hexadecanoic acid, methyl ester     | 270 | C17H34O2 | 000112-39-0 | 95   |
| 4         | Pentadecanoic acid, 14-methyl-, ... | 270 | C17H34O2 | 005129-60-2 | 94   |
| 5         | Tridecanoic acid, methyl ester      | 228 | C14H28O2 | 001731-88-0 | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM100224\  
Data File : BM047796.D  
Acq On : 03 Oct 2024 04:27  
Operator : RC/JU  
Sample : P4020-12  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DDCK8

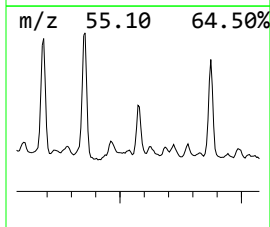
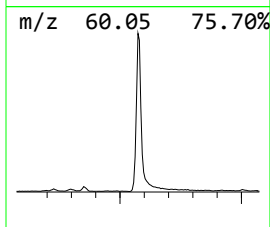
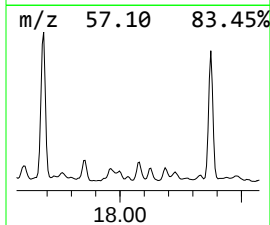
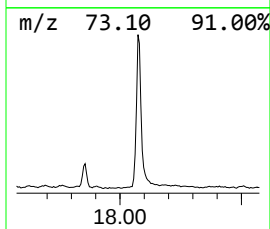
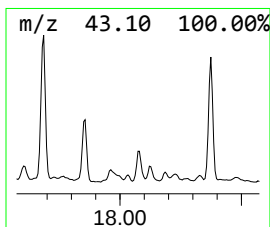
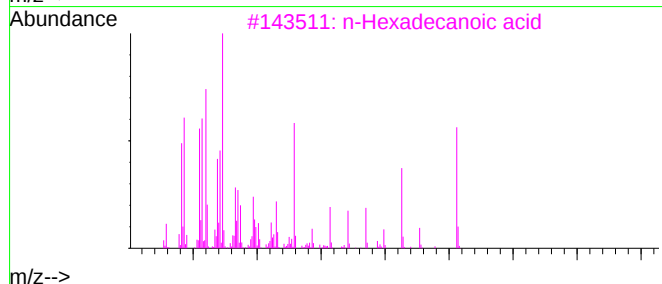
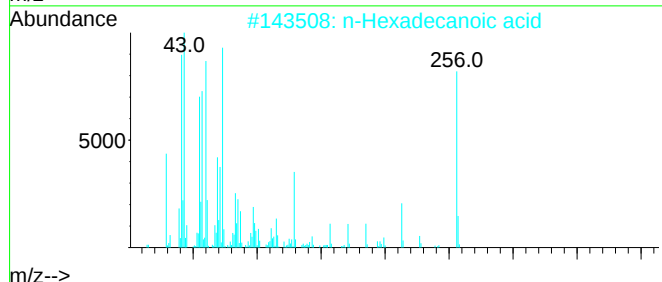
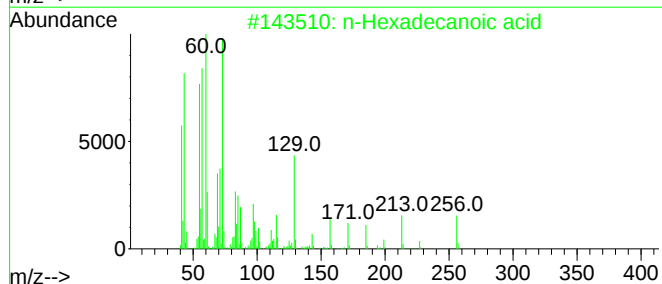
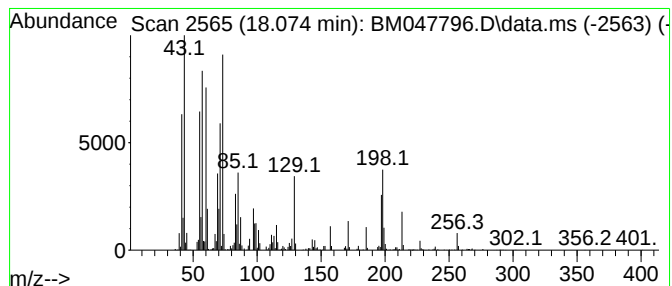
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Quant Title : SVOA CALIBRATION

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

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Peak Number 54 n-Hexadecanoic acid Concentration Rank 23

| R.T.      | EstConc             | Area    | Relative to ISTD |          | R.T.        |      |
|-----------|---------------------|---------|------------------|----------|-------------|------|
| 18.074    | 18.22 ng/ul         | 4472930 | Phenanthrene-d10 |          | 17.192      |      |
| Hit# of 5 | Tentative ID        |         | MW               | MolForm  | CAS#        | Qual |
| 1         | n-Hexadecanoic acid |         | 256              | C16H32O2 | 000057-10-3 | 98   |
| 2         | n-Hexadecanoic acid |         | 256              | C16H32O2 | 000057-10-3 | 98   |
| 3         | n-Hexadecanoic acid |         | 256              | C16H32O2 | 000057-10-3 | 97   |
| 4         | n-Hexadecanoic acid |         | 256              | C16H32O2 | 000057-10-3 | 96   |
| 5         | Pentadecanoic acid  |         | 242              | C15H30O2 | 001002-84-2 | 81   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM100224\  
Data File : BM047796.D  
Acq On : 03 Oct 2024 04:27  
Operator : RC/JU  
Sample : P4020-12  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DDCK8

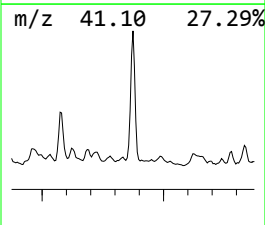
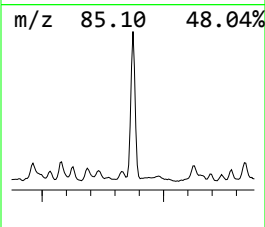
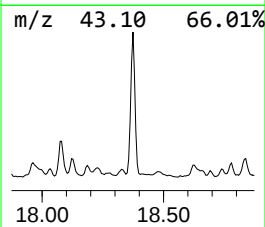
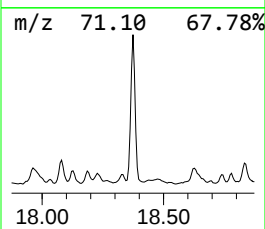
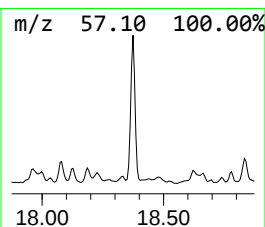
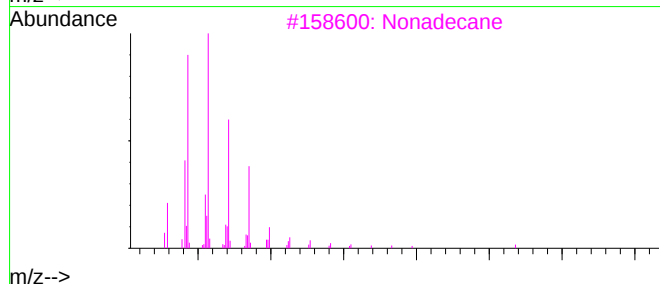
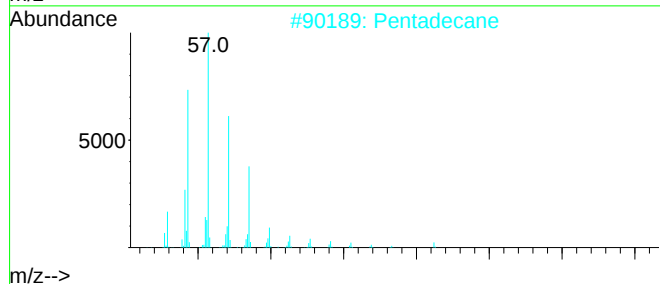
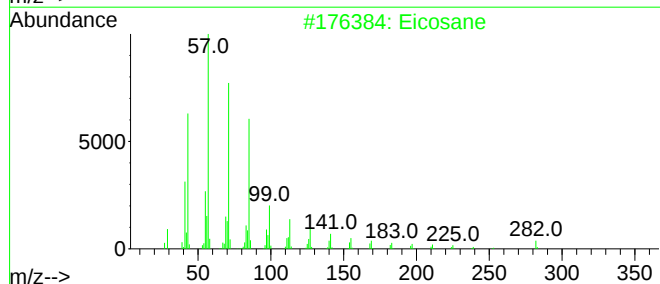
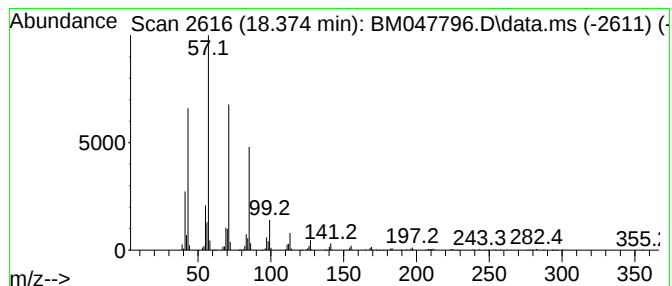
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Quant Title : SVOA CALIBRATION

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

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Peak Number 55 (DEL) Alkane: Straight-Chai... Concentration Rank 14

| R.T.      | EstConc      | Area    | Relative to ISTD |         | R.T.        |      |
|-----------|--------------|---------|------------------|---------|-------------|------|
| 18.374    | 26.46 ng/ul  | 6496190 | Phenanthrene-d10 |         | 17.192      |      |
| Hit# of 5 | Tentative ID |         | MW               | MolForm | CAS#        | Qual |
| 1         | Eicosane     |         | 282              | C20H42  | 000112-95-8 | 97   |
| 2         | Pentadecane  |         | 212              | C15H32  | 000629-62-9 | 91   |
| 3         | Nonadecane   |         | 268              | C19H40  | 000629-92-5 | 91   |
| 4         | Heneicosane  |         | 296              | C21H44  | 000629-94-7 | 91   |
| 5         | Tetracosane  |         | 338              | C24H50  | 000646-31-1 | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM100224\  
Data File : BM047796.D  
Acq On : 03 Oct 2024 04:27  
Operator : RC/JU  
Sample : P4020-12  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DDCK8

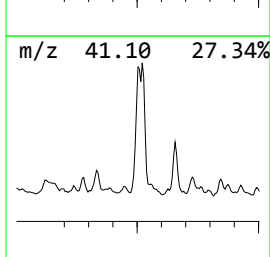
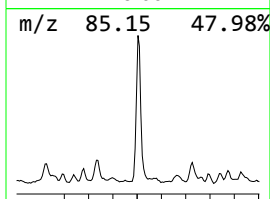
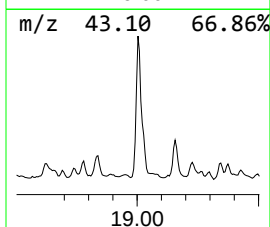
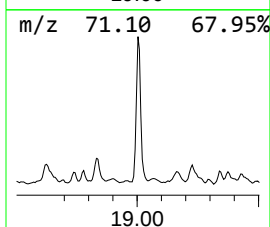
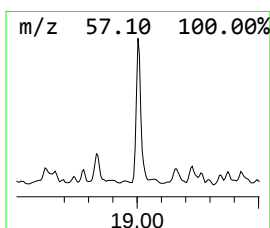
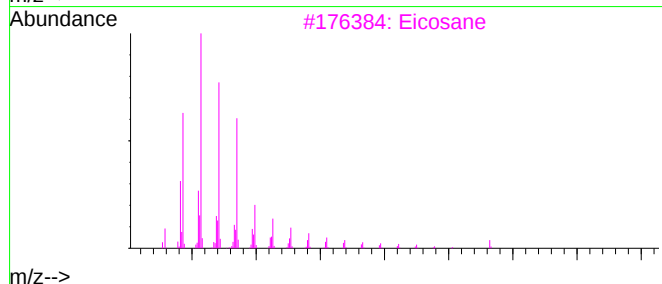
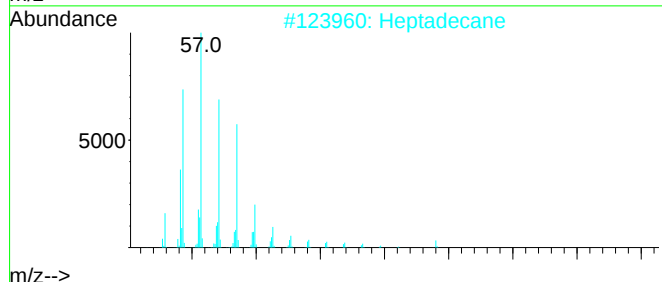
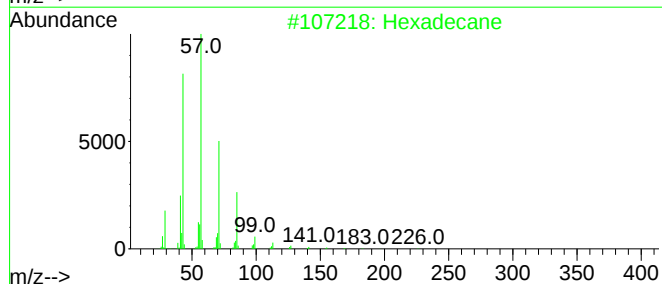
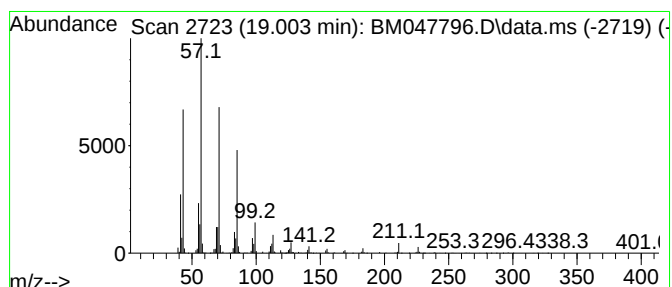
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Quant Title : SVOA CALIBRATION

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

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Peak Number 56 (DEL) Alkane: Straight-Chai... Concentration Rank 19

| R.T.      | EstConc      | Area    | Relative to ISTD | R.T.        |      |
|-----------|--------------|---------|------------------|-------------|------|
| 19.003    | 22.89 ng/ul  | 5619750 | Phenanthrene-d10 | 17.192      |      |
| Hit# of 5 | Tentative ID | MW      | MolForm          | CAS#        | Qual |
| 1         | Hexadecane   | 226     | C16H34           | 000544-76-3 | 97   |
| 2         | Heptadecane  | 240     | C17H36           | 000629-78-7 | 97   |
| 3         | Eicosane     | 282     | C20H42           | 000112-95-8 | 96   |
| 4         | Hexadecane   | 226     | C16H34           | 000544-76-3 | 95   |
| 5         | Hexadecane   | 226     | C16H34           | 000544-76-3 | 94   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM100224\  
Data File : BM047796.D  
Acq On : 03 Oct 2024 04:27  
Operator : RC/JU  
Sample : P4020-12  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DDCK8

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM092724.MA.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

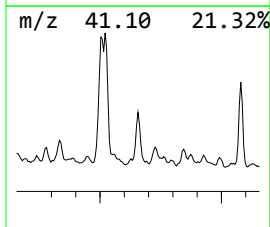
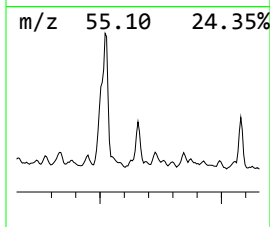
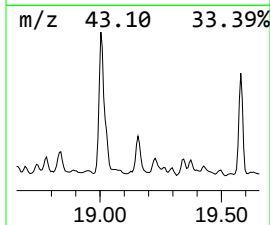
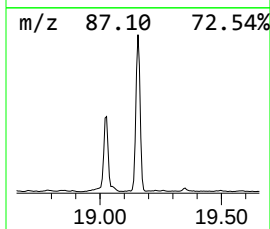
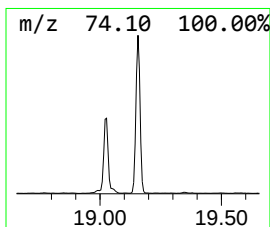
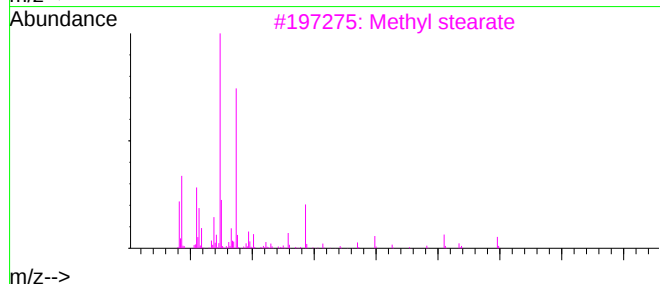
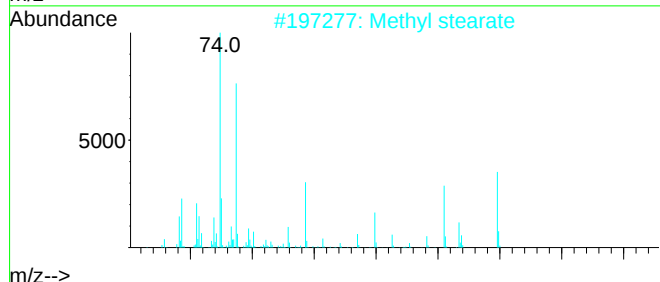
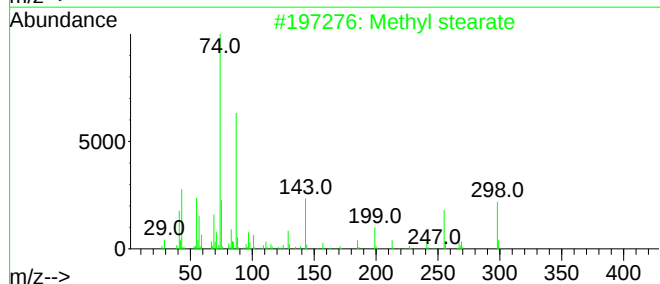
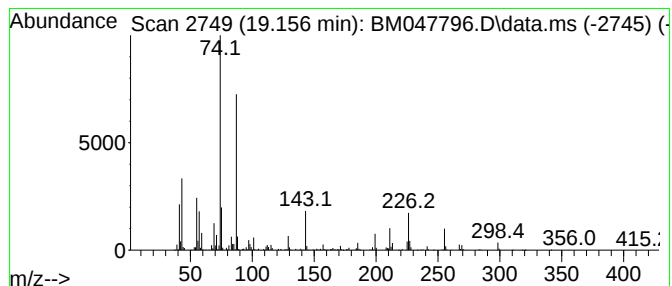
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Peak Number 57 Methyl stearate Concentration Rank 39

| R.T.   | EstConc     | Area    | Relative to ISTD | R.T.   |
|--------|-------------|---------|------------------|--------|
| 19.156 | 11.88 ng/ul | 2916380 | Phenanthrene-d10 | 17.192 |

| Hit# of 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|-----------|-------------------------------------|-----|----------|-------------|------|
| 1         | Methyl stearate                     | 298 | C19H38O2 | 000112-61-8 | 96   |
| 2         | Methyl stearate                     | 298 | C19H38O2 | 000112-61-8 | 90   |
| 3         | Methyl stearate                     | 298 | C19H38O2 | 000112-61-8 | 90   |
| 4         | Methyl stearate                     | 298 | C19H38O2 | 000112-61-8 | 89   |
| 5         | Heptadecanoic acid, 16-methyl-, ... | 298 | C19H38O2 | 005129-61-3 | 83   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM100224\  
Data File : BM047796.D  
Acq On : 03 Oct 2024 04:27  
Operator : RC/JU  
Sample : P4020-12  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DDCK8

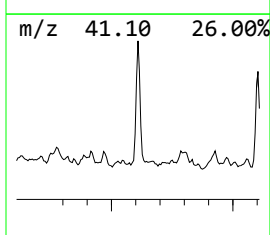
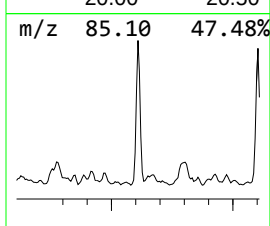
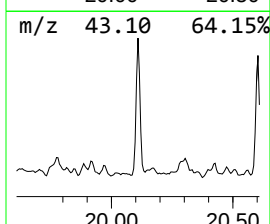
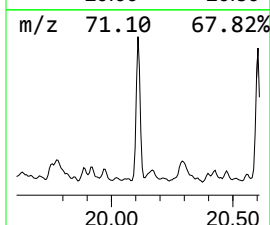
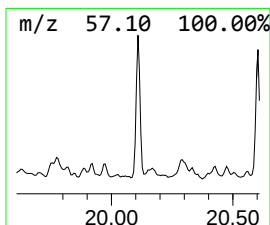
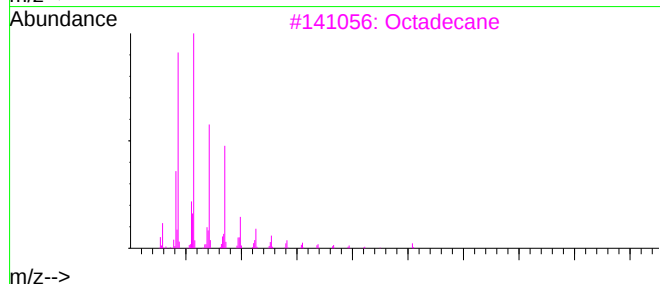
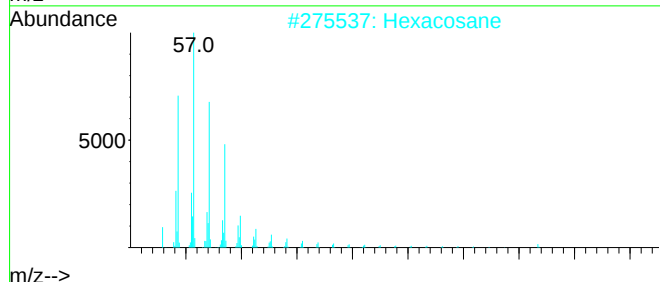
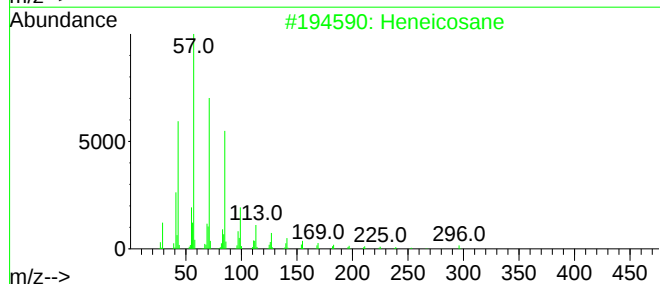
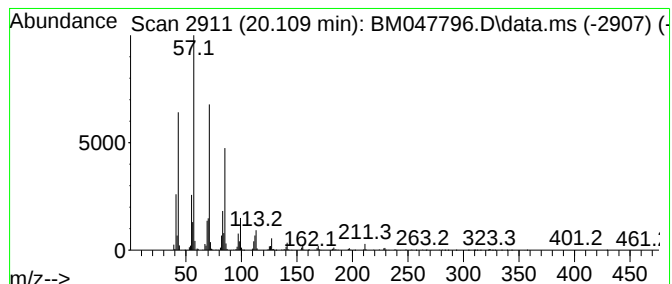
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Quant Title : SVOA CALIBRATION

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

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Peak Number 58 (DEL) Alkane: Straight-Chai... Concentration Rank 25

| R.T.      | EstConc      | Area    | Relative to ISTD | R.T.        |      |
|-----------|--------------|---------|------------------|-------------|------|
| 20.109    | 16.30 ng/ul  | 3647450 | Chrysene-d12     | 21.397      |      |
| Hit# of 5 | Tentative ID | MW      | MolForm          | CAS#        | Qual |
| 1         | Heneicosane  | 296     | C21H44           | 000629-94-7 | 91   |
| 2         | Hexacosane   | 366     | C26H54           | 000630-01-3 | 91   |
| 3         | Octadecane   | 254     | C18H38           | 000593-45-3 | 91   |
| 4         | Octacosane   | 394     | C28H58           | 000630-02-4 | 91   |
| 5         | Hexadecane   | 226     | C16H34           | 000544-76-3 | 90   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM100224\  
Data File : BM047796.D  
Acq On : 03 Oct 2024 04:27  
Operator : RC/JU  
Sample : P4020-12  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DDCK8

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM092724.MA.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L

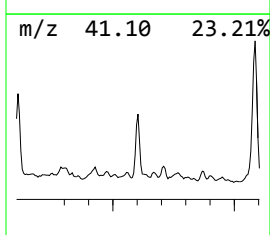
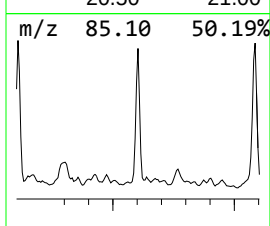
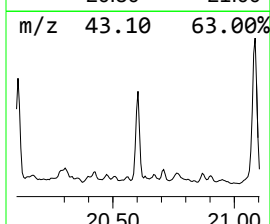
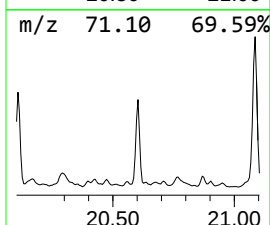
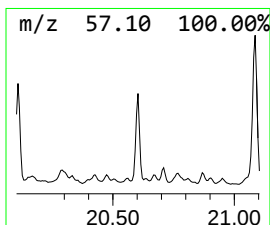
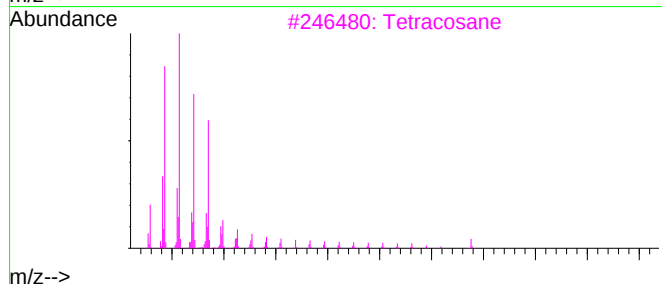
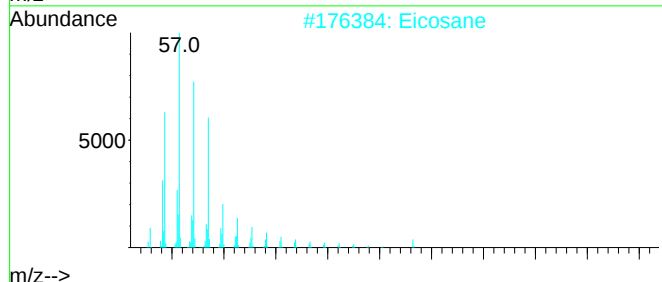
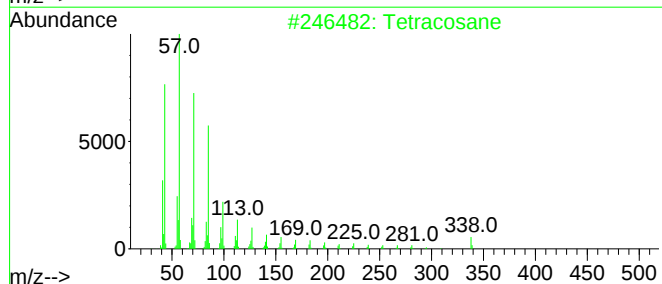
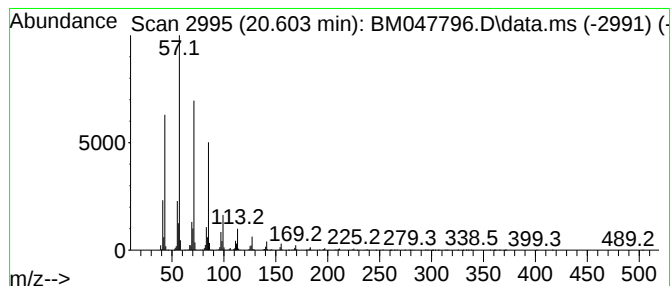
TIC Integration Parameters: LSCINT.P

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Peak Number 59 (DEL) Alkane: Straight-Chai... Concentration Rank 38

| R.T.   | EstConc     | Area    | Relative to ISTD | R.T.   |
|--------|-------------|---------|------------------|--------|
| 20.603 | 12.50 ng/ul | 2797570 | Chrysene-d12     | 21.397 |

| Hit# | of | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------|-----|---------|-------------|------|
| 1    |    |   | Tetracosane  | 338 | C24H50  | 000646-31-1 | 97   |
| 2    |    |   | Eicosane     | 282 | C20H42  | 000112-95-8 | 96   |
| 3    |    |   | Tetracosane  | 338 | C24H50  | 000646-31-1 | 93   |
| 4    |    |   | Heneicosane  | 296 | C21H44  | 000629-94-7 | 91   |
| 5    |    |   | Octacosane   | 394 | C28H58  | 000630-02-4 | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM100224\  
Data File : BM047796.D  
Acq On : 03 Oct 2024 04:27  
Operator : RC/JU  
Sample : P4020-12  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DDCK8

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM092724.MA.M  
Quant Title : SVOA CALIBRATION

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

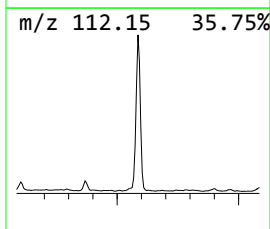
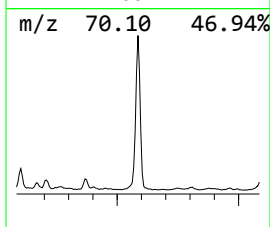
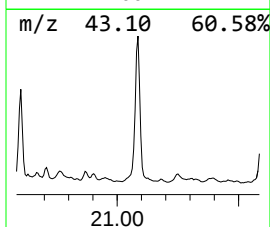
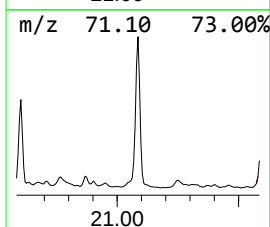
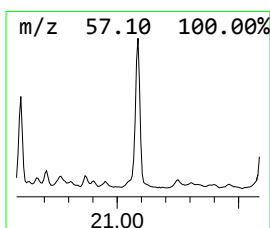
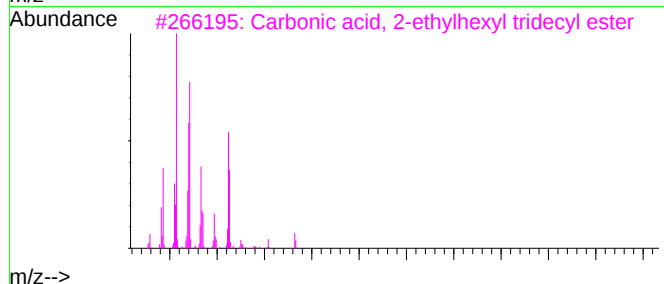
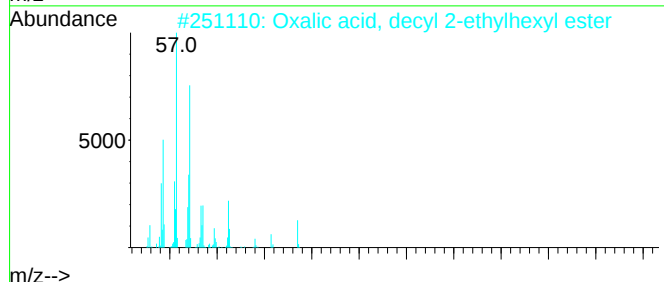
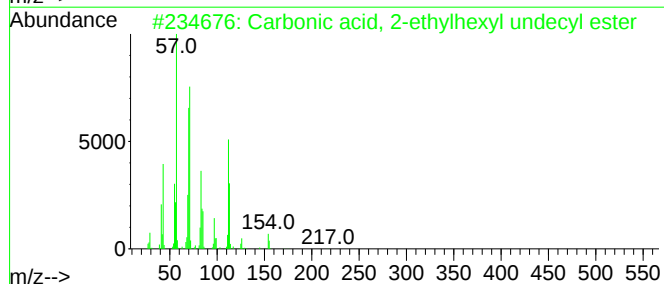
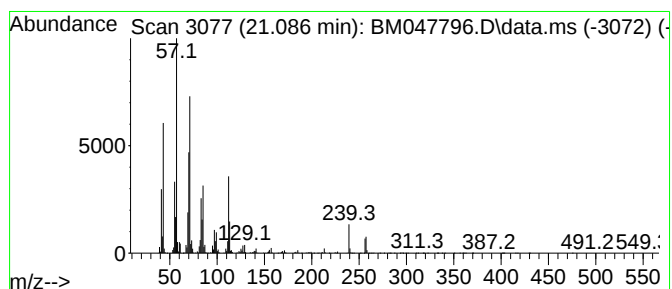
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Peak Number 60 Carbonic acid, 2-ethylhexyl... Concentration Rank 6

| R.T.   | EstConc     | Area    | Relative to ISTD | R.T.   |
|--------|-------------|---------|------------------|--------|
| 21.086 | 38.16 ng/ul | 8540130 | Chrysene-d12     | 21.397 |

| Hit# of 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|-----------|-------------------------------------|-----|----------|--------------|------|
| 1         | Carbonic acid, 2-ethylhexyl unde... | 328 | C20H40O3 | 1000383-13-8 | 83   |
| 2         | Oxalic acid, decyl 2-ethylhexyl ... | 342 | C20H38O4 | 1000309-39-3 | 80   |
| 3         | Carbonic acid, 2-ethylhexyl trid... | 356 | C22H44O3 | 1000383-14-0 | 72   |
| 4         | Carbonic acid, 2-ethylhexyl octy... | 286 | C17H34O3 | 1000383-13-5 | 64   |
| 5         | Carbonic acid, neopentyl 2-ethyl... | 244 | C14H28O3 | 1000357-85-7 | 50   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM100224\  
Data File : BM047796.D  
Acq On : 03 Oct 2024 04:27  
Operator : RC/JU  
Sample : P4020-12  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DDCK8

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM092724.MA.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

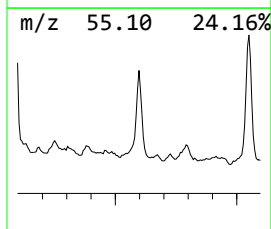
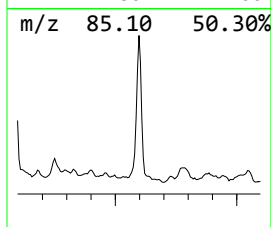
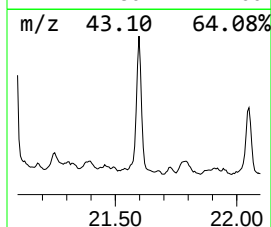
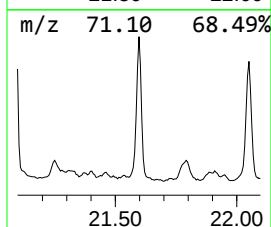
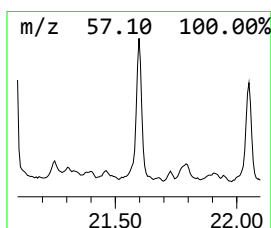
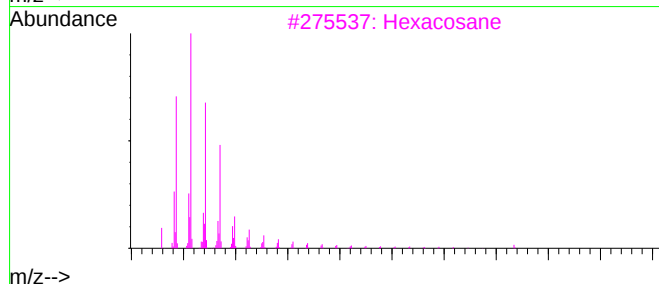
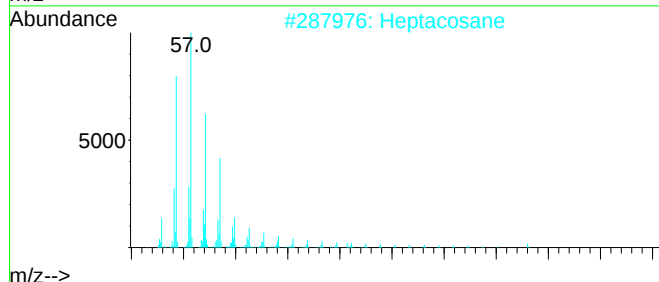
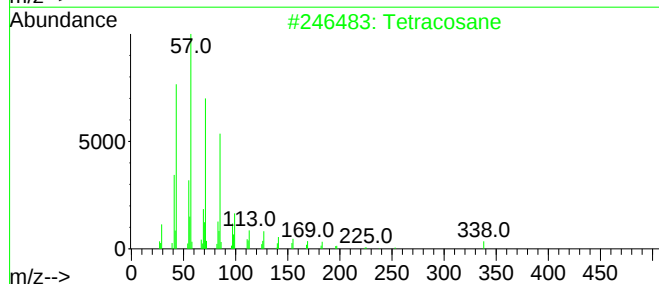
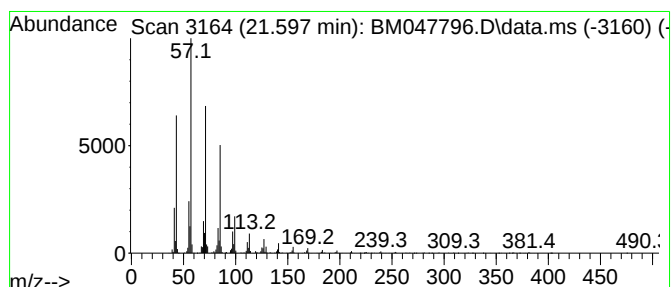
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Peak Number 61 (DEL) Alkane: Straight-Chai... Concentration Rank 32

| R.T.   | EstConc     | Area    | Relative to ISTD | R.T.   |
|--------|-------------|---------|------------------|--------|
| 21.597 | 14.41 ng/ul | 3226300 | Chrysene-d12     | 21.397 |

| Hit# of 5 | Tentative ID          | MW  | MolForm | CAS#        | Qual |
|-----------|-----------------------|-----|---------|-------------|------|
| 1         | Tetracosane           | 338 | C24H50  | 000646-31-1 | 91   |
| 2         | Heptacosane           | 380 | C27H56  | 000593-49-7 | 91   |
| 3         | Hexacosane            | 366 | C26H54  | 000630-01-3 | 91   |
| 4         | Heneicosane           | 296 | C21H44  | 000629-94-7 | 91   |
| 5         | Octacosane, 2-methyl- | 408 | C29H60  | 001560-98-1 | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM100224\  
Data File : BM047796.D  
Acq On : 03 Oct 2024 04:27  
Operator : RC/JU  
Sample : P4020-12  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DDCK8

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM092724.MA.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

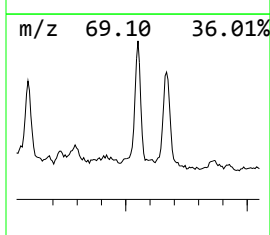
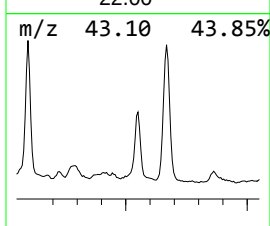
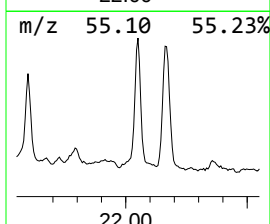
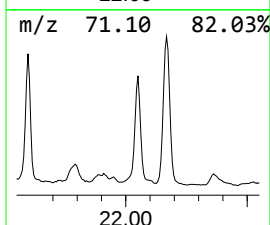
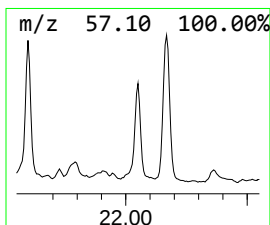
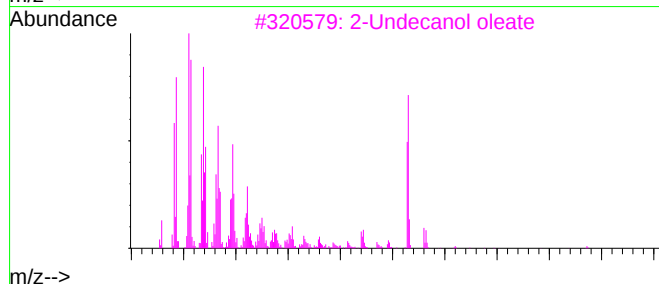
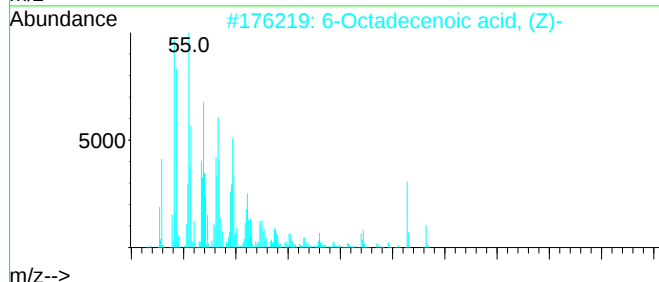
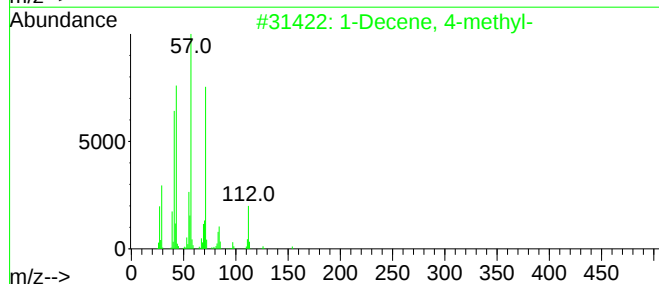
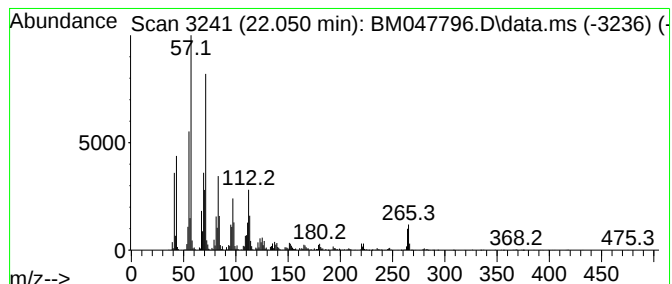
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Peak Number 62 (DEL) Alkane: Straight-Chai... Concentration Rank 26

| R.T.   | EstConc     | Area    | Relative to ISTD | R.T.   |
|--------|-------------|---------|------------------|--------|
| 22.050 | 16.16 ng/ul | 3617860 | Chrysene-d12     | 21.397 |

| Hit# of 5 | Tentative ID              | MW  | MolForm  | CAS#         | Qual |
|-----------|---------------------------|-----|----------|--------------|------|
| 1         | 1-Decene, 4-methyl-       | 154 | C11H22   | 013151-29-6  | 49   |
| 2         | 6-Octadecenoic acid, (Z)- | 282 | C18H34O2 | 000593-39-5  | 42   |
| 3         | 2-Undecanol oleate        | 436 | C29H56O2 | 1000465-66-9 | 41   |
| 4         | Z-5-Nonadecene            | 266 | C19H38   | 1000131-11-8 | 38   |
| 5         | 9-Octadecenoic acid, (E)- | 282 | C18H34O2 | 000112-79-8  | 35   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM100224\  
Data File : BM047796.D  
Acq On : 03 Oct 2024 04:27  
Operator : RC/JU  
Sample : P4020-12  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DDCK8

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM092724.MA.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

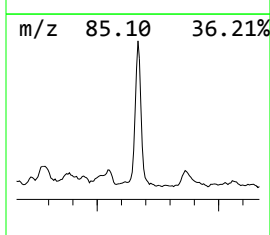
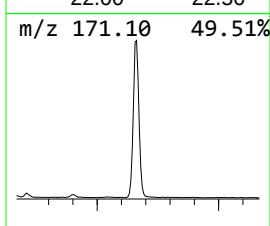
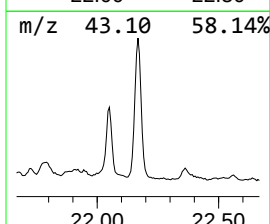
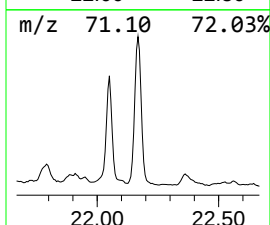
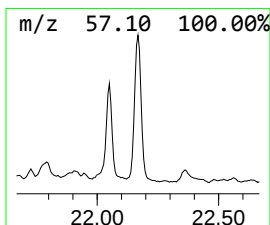
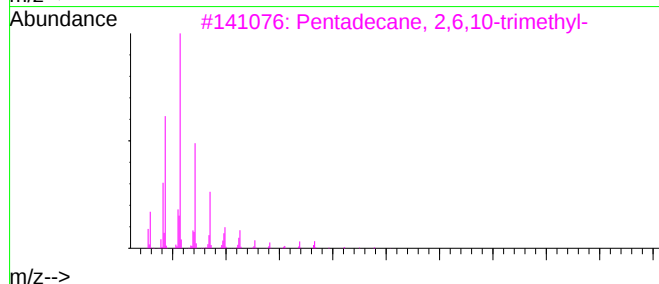
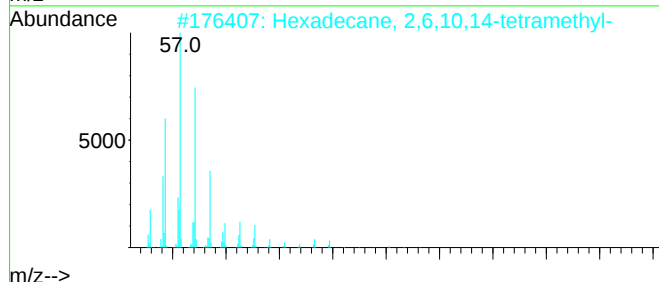
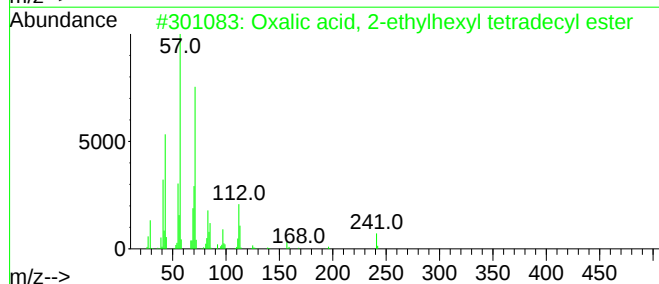
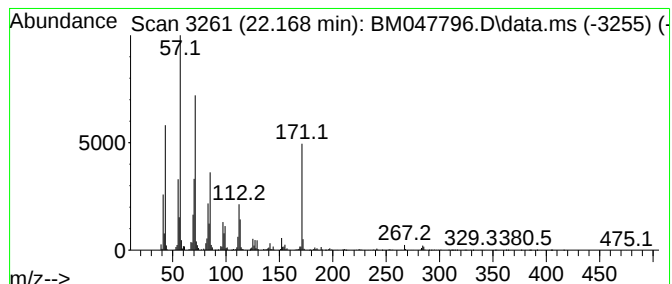
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Peak Number 63 Oxalic acid, 2-ethylhexyl t... Concentration Rank 16

| R.T.   | EstConc     | Area    | Relative to ISTD | R.T.   |
|--------|-------------|---------|------------------|--------|
| 22.168 | 26.02 ng/ul | 5823840 | Chrysene-d12     | 21.397 |

| Hit# of 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|-----------|-------------------------------------|-----|----------|--------------|------|
| 1         | Oxalic acid, 2-ethylhexyl tetrad... | 398 | C24H46O4 | 1000309-39-7 | 58   |
| 2         | Hexadecane, 2,6,10,14-tetramethyl-  | 282 | C20H42   | 000638-36-8  | 55   |
| 3         | Pentadecane, 2,6,10-trimethyl-      | 254 | C18H38   | 003892-00-0  | 55   |
| 4         | Oxalic acid, decyl 2-ethylhexyl ... | 342 | C20H38O4 | 1000309-39-3 | 52   |
| 5         | Heptacosane, 1-chloro-              | 414 | C27H55Cl | 062016-79-9  | 49   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM100224\  
Data File : BM047796.D  
Acq On : 03 Oct 2024 04:27  
Operator : RC/JU  
Sample : P4020-12  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DDCK8

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM092724.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 |
| (DEL) Alkane: S... | 5.834  | 18.9    | ng/u1 | 6303150  | 1                     | 7.804  | 6669440  | 20.0 |
| Hexylene glycol    | 6.140  | 13.4    | ng/u1 | 4474490  | 1                     | 7.804  | 6669440  | 20.0 |
| (DEL) Alkane: S... | 6.375  | 7.1     | ng/u1 | 2353130  | 1                     | 7.804  | 6669440  | 20.0 |
| (DEL) Alkane: S... | 6.810  | 11.2    | ng/u1 | 3740400  | 1                     | 7.804  | 6669440  | 20.0 |
| (DEL) Alkane: S... | 6.863  | 12.9    | ng/u1 | 4299040  | 1                     | 7.804  | 6669440  | 20.0 |
| Benzene, 1-ethy... | 6.898  | 11.5    | ng/u1 | 3827410  | 1                     | 7.804  | 6669440  | 20.0 |
| Mesitylene         | 7.034  | 7.1     | ng/u1 | 2363120  | 1                     | 7.804  | 6669440  | 20.0 |
| Benzene, 1-ethy... | 7.198  | 9.2     | ng/u1 | 3064690  | 1                     | 7.804  | 6669440  | 20.0 |
| 2-Heptanone, 4,... | 7.239  | 9.3     | ng/u1 | 3114710  | 1                     | 7.804  | 6669440  | 20.0 |
| (DEL) Alkane: S... | 7.445  | 74.5    | ng/u1 | 24829600 | 1                     | 7.804  | 6669440  | 20.0 |
| (DEL) Alkane: S... | 7.734  | 9.1     | ng/u1 | 3035840  | 1                     | 7.804  | 6669440  | 20.0 |
| 1-Hexanol, 2-et... | 7.881  | 36.4    | ng/u1 | 12152200 | 1                     | 7.804  | 6669440  | 20.0 |
| Benzene, 1,2,3-... | 7.928  | 7.7     | ng/u1 | 2558290  | 1                     | 7.804  | 6669440  | 20.0 |
| (DEL) Alkane: C... | 8.104  | 7.6     | ng/u1 | 2533390  | 1                     | 7.804  | 6669440  | 20.0 |
| Cyclohexanone, ... | 8.239  | 20.2    | ng/u1 | 6740270  | 1                     | 7.804  | 6669440  | 20.0 |
| (DEL) Alkane: S... | 8.345  | 15.9    | ng/u1 | 5302960  | 1                     | 7.804  | 6669440  | 20.0 |
| (DEL) Alkane: S... | 8.404  | 8.0     | ng/u1 | 2653680  | 1                     | 7.804  | 6669440  | 20.0 |
| Benzene, 1,4-di... | 8.451  | 9.8     | ng/u1 | 3267720  | 1                     | 7.804  | 6669440  | 20.0 |
| (DEL) Alkane: S... | 8.581  | 15.9    | ng/u1 | 5315870  | 1                     | 7.804  | 6669440  | 20.0 |
| Benzene, 1-meth... | 8.616  | 10.2    | ng/u1 | 3398750  | 1                     | 7.804  | 6669440  | 20.0 |
| Benzene, 2-ethy... | 8.763  | 7.1     | ng/u1 | 2378560  | 1                     | 7.804  | 6669440  | 20.0 |
| o-Cymene           | 8.810  | 13.5    | ng/u1 | 4494970  | 1                     | 7.804  | 6669440  | 20.0 |
| (DEL) Alkane: S... | 9.045  | 63.6    | ng/u1 | 21202300 | 1                     | 7.804  | 6669440  | 20.0 |
| Benzene, 1,3-di... | 9.169  | 10.9    | ng/u1 | 3623440  | 1                     | 7.804  | 6669440  | 20.0 |
| (DEL) Alkane: S... | 9.892  | 2.9     | ng/u1 | 4536490  | 2                     | 10.598 | 31726500 | 20.0 |
| unknown-01         | 10.986 | 6.3     | ng/u1 | 9939430  | 2                     | 10.598 | 31726500 | 20.0 |
| (DEL) Alkane: S... | 12.033 | 6.1     | ng/u1 | 9703590  | 2                     | 10.598 | 31726500 | 20.0 |
| Butanoic acid, ... | 13.410 | 13.6    | ng/u1 | 2516320  | 3                     | 14.439 | 3696210  | 20.0 |
| Pyridine, 2,5-d... | 13.498 | 15.2    | ng/u1 | 2816610  | 3                     | 14.439 | 3696210  | 20.0 |
| Naphthalene, 1,... | 13.627 | 32.7    | ng/u1 | 6049480  | 3                     | 14.439 | 3696210  | 20.0 |
| Butanoic acid, ... | 13.710 | 14.5    | ng/u1 | 2680910  | 3                     | 14.439 | 3696210  | 20.0 |
| Naphthalene, 1,... | 13.762 | 24.7    | ng/u1 | 4565110  | 3                     | 14.439 | 3696210  | 20.0 |
| (DEL) Alkane: S... | 13.933 | 26.4    | ng/u1 | 4869160  | 3                     | 14.439 | 3696210  | 20.0 |
| Sulfurous acid,... | 14.351 | 83.5    | ng/u1 | 15426900 | 3                     | 14.439 | 3696210  | 20.0 |
| Naphthalene, 1,... | 14.845 | 17.4    | ng/u1 | 3214930  | 3                     | 14.439 | 3696210  | 20.0 |
| Naphthalene, 2,... | 14.915 | 13.3    | ng/u1 | 2459580  | 3                     | 14.439 | 3696210  | 20.0 |
| (DEL) Alkane: S... | 14.974 | 19.1    | ng/u1 | 3524280  | 3                     | 14.439 | 3696210  | 20.0 |
| 4,6,8-Trimethyl... | 15.204 | 29.7    | ng/u1 | 5488050  | 3                     | 14.439 | 3696210  | 20.0 |
| (DEL) Alkane: S... | 15.298 | 60.2    | ng/u1 | 11126400 | 3                     | 14.439 | 3696210  | 20.0 |
| (DEL) Alkane: S... | 15.704 | 30.8    | ng/u1 | 5687670  | 3                     | 14.439 | 3696210  | 20.0 |
| unknown-02         | 15.798 | 15.9    | ng/u1 | 2933130  | 3                     | 14.439 | 3696210  | 20.0 |
| (DEL) Alkane: S... | 16.162 | 41.6    | ng/u1 | 10225800 | 4                     | 17.192 | 4909970  | 20.0 |
| (DEL) Alkane: S... | 16.951 | 38.1    | ng/u1 | 9358520  | 4                     | 17.192 | 4909970  | 20.0 |
| (DEL) Alkane: S... | 17.003 | 24.6    | ng/u1 | 6029040  | 4                     | 17.192 | 4909970  | 20.0 |
| unknown-03         | 17.480 | 11.1    | ng/u1 | 2733420  | 4                     | 17.192 | 4909970  | 20.0 |
| (DEL) Alkane: S... | 17.686 | 32.2    | ng/u1 | 7899450  | 4                     | 17.192 | 4909970  | 20.0 |
| Hexadecanoic ac... | 17.856 | 27.4    | ng/u1 | 6719000  | 4                     | 17.192 | 4909970  | 20.0 |
| n-Hexadecanoic ... | 18.074 | 18.2    | ng/u1 | 4472930  | 4                     | 17.192 | 4909970  | 20.0 |
| (DEL) Alkane: S... | 18.374 | 26.5    | ng/u1 | 6496190  | 4                     | 17.192 | 4909970  | 20.0 |
| (DEL) Alkane: S... | 19.003 | 22.9    | ng/u1 | 5619750  | 4                     | 17.192 | 4909970  | 20.0 |
| Methyl stearate    | 19.156 | 11.9    | ng/u1 | 2916380  | 4                     | 17.192 | 4909970  | 20.0 |
| (DEL) Alkane: S... | 20.109 | 16.3    | ng/u1 | 3647450  | 5                     | 21.397 | 4476450  | 20.0 |

|                    |        |      |       |         |   |        |         |      |
|--------------------|--------|------|-------|---------|---|--------|---------|------|
| (DEL) Alkane: S... | 20.603 | 12.5 | ng/ul | 2797570 | 5 | 21.397 | 4476450 | 20.0 |
| Carbonic acid, ... | 21.086 | 38.2 | ng/ul | 8540130 | 5 | 21.397 | 4476450 | 20.0 |
| (DEL) Alkane: S... | 21.597 | 14.4 | ng/ul | 3226300 | 5 | 21.397 | 4476450 | 20.0 |
| (DEL) Alkane: S... | 22.050 | 16.2 | ng/ul | 3617860 | 5 | 21.397 | 4476450 | 20.0 |
| Oxalic acid, 2-... | 22.168 | 26.0 | ng/ul | 5823840 | 5 | 21.397 | 4476450 | 20.0 |

Instrument :

BNA\_M

ClientSampleId :

DDCK8