

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM093024\  
 Data File : BM047717.D  
 Acq On : 30 Sep 2024 14:37  
 Operator : RC/JU  
 Sample : P4018-08  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DDCB4

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: BM047717.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         | 5.840       | 479           | 485         | 494          | rVB      | 1789100        | 2611990       | 1.78%           | 0.309%        |
| 2         | 6.875       | 656           | 661         | 664          | rBV      | 1962594        | 2838836       | 1.94%           | 0.336%        |
| 3         | 6.981       | 672           | 679         | 684          | rBV3     | 3047344        | 5807449       | 3.96%           | 0.688%        |
| 4         | 7.040       | 684           | 689         | 697          | rVB      | 1862548        | 2918653       | 1.99%           | 0.346%        |
| 5         | 7.452       | 753           | 759         | 767          | rBV2     | 10011213       | 18071992      | 12.33%          | 2.140%        |
| 6         | 7.804       | 813           | 819         | 825          | rVB2     | 3867967        | 6548025       | 4.47%           | 0.775%        |
| 7         | 7.881       | 825           | 832         | 838          | rBV3     | 3352600        | 6861707       | 4.68%           | 0.812%        |
| 8         | 8.110       | 868           | 871         | 878          | rVB4     | 1431825        | 2528729       | 1.73%           | 0.299%        |
| 9         | 8.357       | 908           | 913         | 919          | rVB2     | 3099559        | 5471075       | 3.73%           | 0.648%        |
| 10        | 8.416       | 919           | 923         | 926          | rBV      | 2182043        | 2679488       | 1.83%           | 0.317%        |
| 11        | 8.457       | 926           | 930         | 932          | rBV2     | 2449132        | 3420767       | 2.33%           | 0.405%        |
| 12        | 8.487       | 932           | 935         | 938          | rVB      | 2652126        | 3217193       | 2.20%           | 0.381%        |
| 13        | 8.593       | 947           | 953         | 956          | rBV      | 3535960        | 5945389       | 4.06%           | 0.704%        |
| 14        | 8.622       | 956           | 958         | 966          | rVB2     | 1845783        | 3036299       | 2.07%           | 0.359%        |
| 15        | 8.775       | 979           | 984         | 987          | rBV      | 1712837        | 2615589       | 1.78%           | 0.310%        |
| 16        | 8.822       | 987           | 992         | 1000         | rVB      | 2163189        | 3792349       | 2.59%           | 0.449%        |
| 17        | 8.928       | 1000          | 1010        | 1014         | rBV2     | 2829084        | 6362679       | 4.34%           | 0.753%        |
| 18        | 9.057       | 1021          | 1032        | 1037         | rVV      | 13632589       | 23830851      | 16.26%          | 2.821%        |
| 19        | 9.175       | 1042          | 1052        | 1058         | rVB7     | 2110858        | 6080681       | 4.15%           | 0.720%        |
| 20        | 9.257       | 1058          | 1066        | 1069         | rBV2     | 1290384        | 2797422       | 1.91%           | 0.331%        |
| 21        | 9.610       | 1119          | 1126        | 1133         | rVB6     | 964890         | 2568244       | 1.75%           | 0.304%        |
| 22        | 9.698       | 1133          | 1141        | 1145         | rBV5     | 1486793        | 3537734       | 2.41%           | 0.419%        |
| 23        | 9.751       | 1145          | 1150        | 1155         | rVV3     | 1979796        | 3723730       | 2.54%           | 0.441%        |
| 24        | 9.804       | 1155          | 1159        | 1167         | rVB3     | 1053010        | 2765633       | 1.89%           | 0.327%        |
| 25        | 9.898       | 1167          | 1175        | 1181         | rVB      | 2621953        | 5848358       | 3.99%           | 0.692%        |
| 26        | 9.969       | 1182          | 1187        | 1191         | rBV      | 2229032        | 3429972       | 2.34%           | 0.406%        |
| 27        | 10.046      | 1197          | 1200        | 1204         | rVV      | 2148382        | 3243586       | 2.21%           | 0.384%        |
| 28        | 10.151      | 1213          | 1218        | 1223         | rBV2     | 1804851        | 3125474       | 2.13%           | 0.370%        |
| 29        | 10.310      | 1239          | 1245        | 1250         | rBV2     | 1997103        | 3414016       | 2.33%           | 0.404%        |
| 30        | 10.516      | 1276          | 1280        | 1284         | rVV2     | 1377291        | 2536876       | 1.73%           | 0.300%        |
| 31        | 10.604      | 1285          | 1295        | 1301         | rVV3     | 15205877       | 35569264      | 24.27%          | 4.211%        |
| 32        | 10.657      | 1301          | 1304        | 1312         | rVV      | 1957490        | 4011791       | 2.74%           | 0.475%        |
| 33        | 10.734      | 1312          | 1317        | 1323         | rVV5     | 6819870        | 14407535      | 9.83%           | 1.706%        |
| 34        | 10.781      | 1323          | 1325        | 1331         | rVV      | 2618056        | 4162599       | 2.84%           | 0.493%        |
| 35        | 10.998      | 1355          | 1362        | 1369         | rBV      | 7395818        | 13104865      | 8.94%           | 1.552%        |
| 36        | 11.122      | 1377          | 1383        | 1389         | rVB      | 2243736        | 4314426       | 2.94%           | 0.511%        |

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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 | 11.304 | 1406 | 1414 | 1419 | rBV4 | 2204533  | 5395878  | 3.68%  | 0.639% |
| 38 | 11.498 | 1443 | 1447 | 1450 | rVV3 | 1581220  | 3085697  | 2.11%  | 0.365% |
| 39 | 11.540 | 1451 | 1454 | 1462 | rVB4 | 1850119  | 3480124  | 2.37%  | 0.412% |
| 40 | 11.645 | 1466 | 1472 | 1476 | rBV  | 4558321  | 7823673  | 5.34%  | 0.926% |
| 41 | 11.716 | 1476 | 1484 | 1491 | rVB  | 7822228  | 16520578 | 11.27% | 1.956% |
| 42 | 11.881 | 1503 | 1512 | 1520 | rVB3 | 2189990  | 4414643  | 3.01%  | 0.523% |
| 43 | 12.045 | 1532 | 1540 | 1544 | rBV  | 9803641  | 17972662 | 12.26% | 2.128% |
| 44 | 12.081 | 1544 | 1546 | 1551 | rVB  | 3999403  | 4399266  | 3.00%  | 0.521% |
| 45 | 12.140 | 1551 | 1556 | 1561 | rBV  | 2065350  | 4257309  | 2.90%  | 0.504% |
| 46 | 12.287 | 1573 | 1581 | 1587 | rVB2 | 7943861  | 17004873 | 11.60% | 2.013% |
| 47 | 12.445 | 1603 | 1608 | 1612 | rBV4 | 3445320  | 5675700  | 3.87%  | 0.672% |
| 48 | 12.492 | 1612 | 1616 | 1620 | rVB  | 2440913  | 3387460  | 2.31%  | 0.401% |
| 49 | 12.687 | 1643 | 1649 | 1662 | rVB3 | 3775288  | 9470875  | 6.46%  | 1.121% |
| 50 | 12.857 | 1673 | 1678 | 1684 | rBV  | 1802431  | 3033049  | 2.07%  | 0.359% |
| 51 | 12.998 | 1698 | 1702 | 1712 | rVB2 | 3185766  | 5357175  | 3.66%  | 0.634% |
| 52 | 13.286 | 1746 | 1751 | 1758 | rVB  | 10032205 | 15591781 | 10.64% | 1.846% |
| 53 | 13.504 | 1781 | 1788 | 1796 | rVB4 | 1864398  | 4738450  | 3.23%  | 0.561% |
| 54 | 13.634 | 1801 | 1810 | 1815 | rBV4 | 2540864  | 6922369  | 4.72%  | 0.820% |
| 55 | 13.775 | 1828 | 1834 | 1837 | rBV2 | 3020844  | 5677781  | 3.87%  | 0.672% |
| 56 | 13.822 | 1838 | 1842 | 1845 | rVV3 | 2383234  | 3382586  | 2.31%  | 0.400% |
| 57 | 13.945 | 1859 | 1863 | 1867 | rVB2 | 3680899  | 5041726  | 3.44%  | 0.597% |
| 58 | 14.375 | 1929 | 1936 | 1940 | rBV  | 21932757 | 40024498 | 27.31% | 4.739% |
| 59 | 14.445 | 1940 | 1948 | 1953 | rVB5 | 2434751  | 6029933  | 4.11%  | 0.714% |
| 60 | 14.533 | 1959 | 1963 | 1969 | rBV3 | 2567362  | 3486000  | 2.38%  | 0.413% |
| 61 | 14.598 | 1969 | 1974 | 1978 | rVV  | 7965396  | 11263631 | 7.69%  | 1.334% |
| 62 | 14.663 | 1981 | 1985 | 1993 | rVB4 | 2053190  | 4315116  | 2.94%  | 0.511% |
| 63 | 14.851 | 2014 | 2017 | 2023 | rVB3 | 2315904  | 3802539  | 2.59%  | 0.450% |
| 64 | 14.922 | 2024 | 2029 | 2033 | rBV2 | 2160555  | 3570747  | 2.44%  | 0.423% |
| 65 | 14.981 | 2034 | 2039 | 2042 | rBV3 | 2481956  | 4428715  | 3.02%  | 0.524% |
| 66 | 15.086 | 2048 | 2057 | 2062 | rVB  | 18770550 | 34684522 | 23.67% | 4.107% |
| 67 | 15.216 | 2074 | 2079 | 2087 | rVV2 | 4579742  | 8951251  | 6.11%  | 1.060% |
| 68 | 15.310 | 2087 | 2095 | 2099 | rVB2 | 9961387  | 17785992 | 12.14% | 2.106% |
| 69 | 15.439 | 2114 | 2117 | 2121 | rVB  | 2523917  | 3252695  | 2.22%  | 0.385% |
| 70 | 15.557 | 2130 | 2137 | 2143 | rBV2 | 4408984  | 7487865  | 5.11%  | 0.887% |
| 71 | 15.716 | 2158 | 2164 | 2168 | rVB  | 3772609  | 6318249  | 4.31%  | 0.748% |
| 72 | 15.804 | 2175 | 2179 | 2185 | rVB4 | 2632280  | 3921103  | 2.68%  | 0.464% |
| 73 | 15.863 | 2185 | 2189 | 2194 | rBV3 | 1481961  | 2546704  | 1.74%  | 0.302% |
| 74 | 15.922 | 2195 | 2199 | 2209 | rVB5 | 1654662  | 3116172  | 2.13%  | 0.369% |
| 75 | 16.169 | 2236 | 2241 | 2244 | rBV  | 9689510  | 14944338 | 10.20% | 1.769% |
| 76 | 16.292 | 2256 | 2262 | 2267 | rVB4 | 2063245  | 4017826  | 2.74%  | 0.476% |

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Integrator: RTE

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

|     |        |      |      |      |      |          |           |         |         |
|-----|--------|------|------|------|------|----------|-----------|---------|---------|
| 77  | 16.363 | 2267 | 2274 | 2280 | rBV5 | 1830794  | 4038643   | 2.76%   | 0.478%  |
| 78  | 16.910 | 2350 | 2367 | 2371 | rBV  | 34987234 | 146559616 | 100.00% | 17.352% |
| 79  | 16.957 | 2371 | 2375 | 2380 | rVV  | 8045021  | 11313816  | 7.72%   | 1.340%  |
| 80  | 17.010 | 2380 | 2384 | 2394 | rVB2 | 4609249  | 8419685   | 5.74%   | 0.997%  |
| 81  | 17.204 | 2412 | 2417 | 2426 | rBV4 | 3990211  | 10136898  | 6.92%   | 1.200%  |
| 82  | 17.292 | 2428 | 2432 | 2436 | rVV2 | 3192580  | 4726213   | 3.22%   | 0.560%  |
| 83  | 17.333 | 2436 | 2439 | 2444 | rVB3 | 3051027  | 4010984   | 2.74%   | 0.475%  |
| 84  | 17.486 | 2460 | 2465 | 2472 | rVB5 | 2364353  | 4700257   | 3.21%   | 0.556%  |
| 85  | 17.692 | 2495 | 2500 | 2505 | rVB  | 7168040  | 9167332   | 6.26%   | 1.085%  |
| 86  | 17.769 | 2509 | 2513 | 2523 | rVV  | 4108041  | 6082265   | 4.15%   | 0.720%  |
| 87  | 17.863 | 2525 | 2529 | 2534 | rVV  | 2066332  | 2656533   | 1.81%   | 0.315%  |
| 88  | 18.380 | 2613 | 2617 | 2627 | rBV  | 5103784  | 6620743   | 4.52%   | 0.784%  |
| 89  | 19.016 | 2720 | 2725 | 2731 | rVB2 | 4137355  | 8005191   | 5.46%   | 0.948%  |
| 90  | 19.586 | 2815 | 2822 | 2826 | rBV2 | 3122158  | 6141190   | 4.19%   | 0.727%  |
| 91  | 20.115 | 2908 | 2912 | 2923 | rBV2 | 3259996  | 5620456   | 3.83%   | 0.665%  |
| 92  | 20.610 | 2992 | 2996 | 3000 | rBV  | 3091609  | 3498492   | 2.39%   | 0.414%  |
| 93  | 21.092 | 3074 | 3078 | 3085 | rVB  | 6329314  | 8411857   | 5.74%   | 0.996%  |
| 94  | 21.404 | 3127 | 3131 | 3137 | rVB2 | 2275749  | 3411497   | 2.33%   | 0.404%  |
| 95  | 21.609 | 3161 | 3166 | 3176 | rVB  | 2434453  | 3872982   | 2.64%   | 0.459%  |
| 96  | 22.062 | 3238 | 3243 | 3250 | rVB  | 2319373  | 3453323   | 2.36%   | 0.409%  |
| 97  | 22.180 | 3257 | 3263 | 3272 | rVB3 | 3027769  | 5637241   | 3.85%   | 0.667%  |
| 98  | 22.827 | 3368 | 3373 | 3388 | rVB  | 1391256  | 2734981   | 1.87%   | 0.324%  |
| 99  | 24.203 | 3601 | 3607 | 3618 | rVB  | 1402181  | 3594440   | 2.45%   | 0.426%  |
| 100 | 24.409 | 3634 | 3642 | 3660 | rVB3 | 2446511  | 8025206   | 5.48%   | 0.950%  |

Sum of corrected areas: 844622658

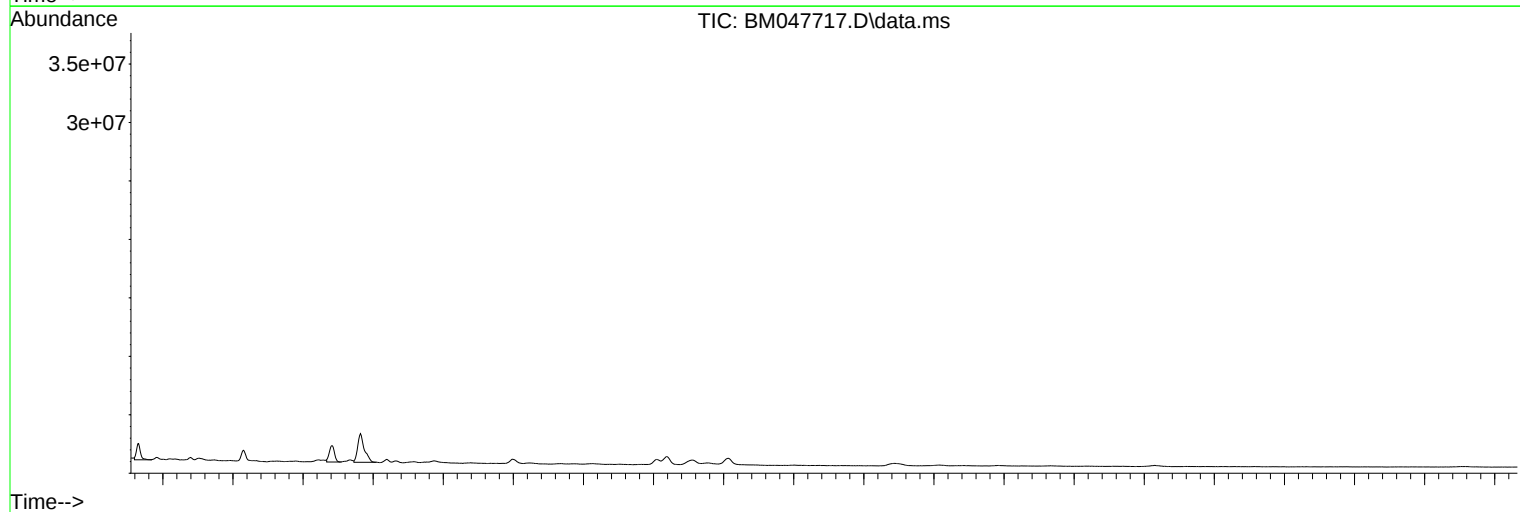
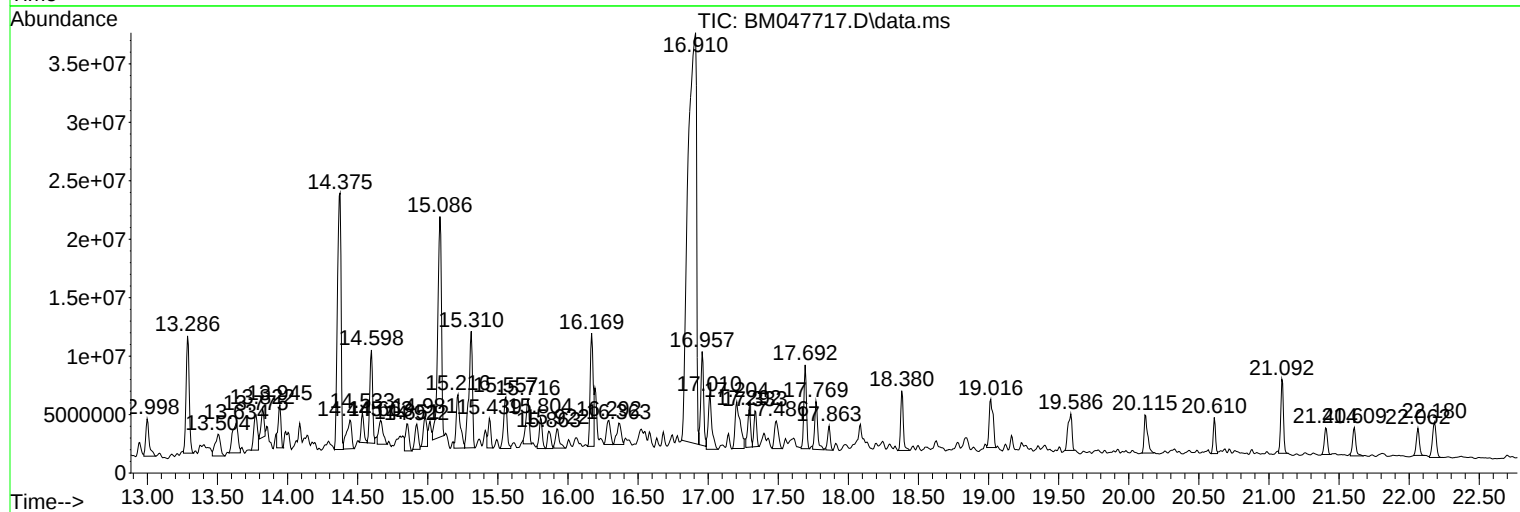
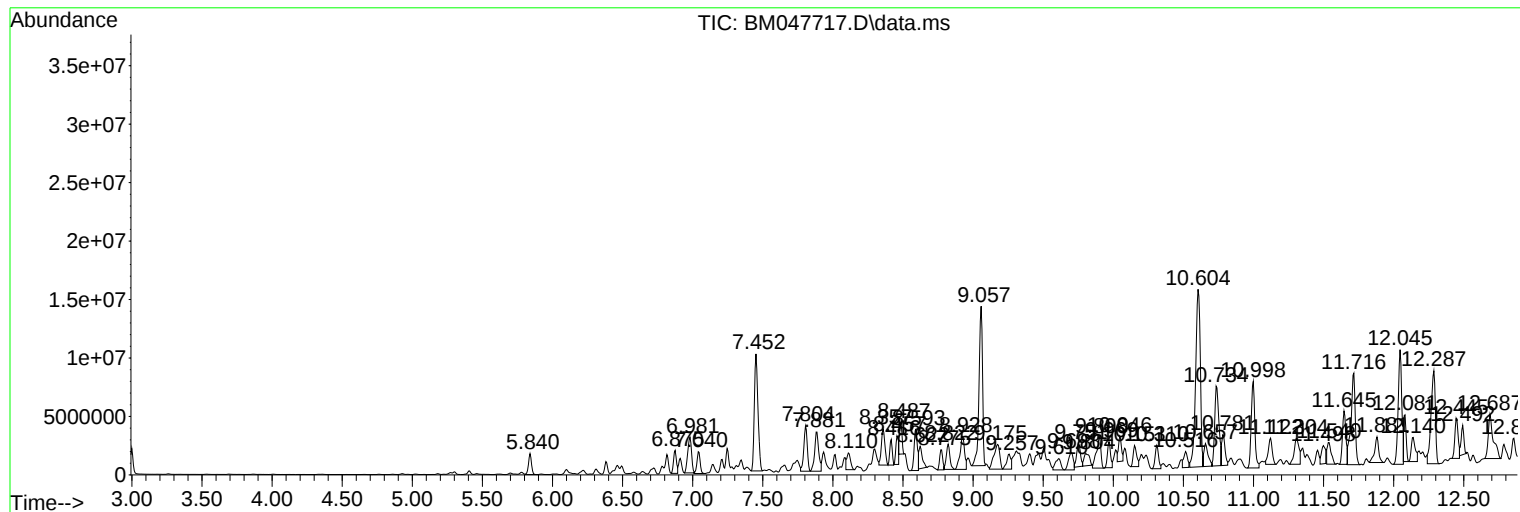
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM092724.MA.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P



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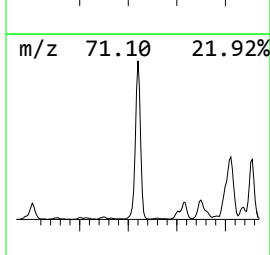
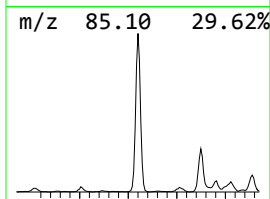
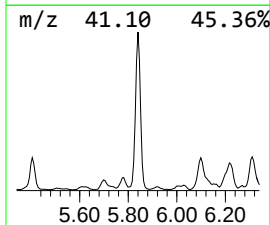
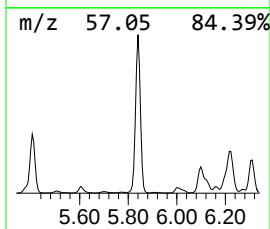
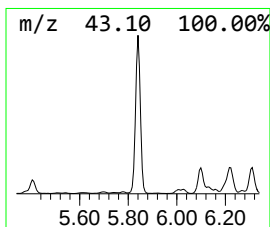
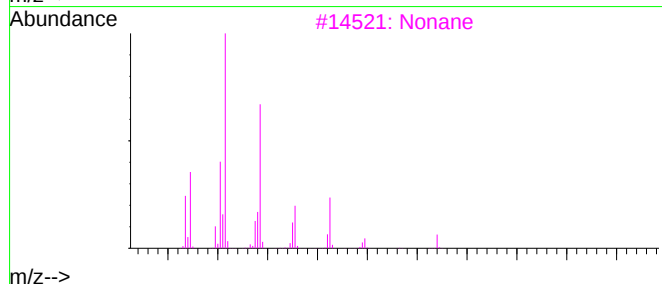
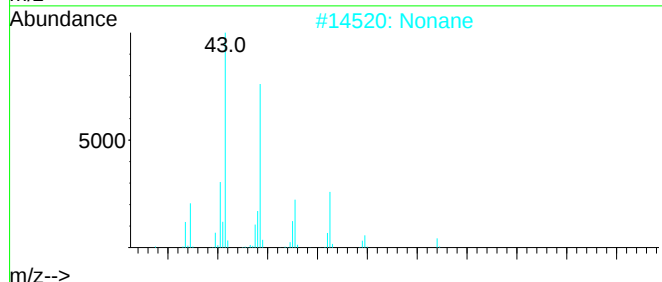
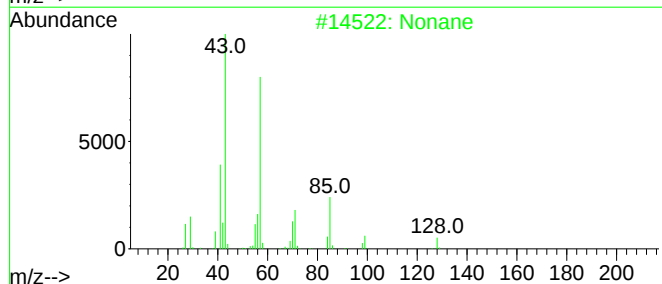
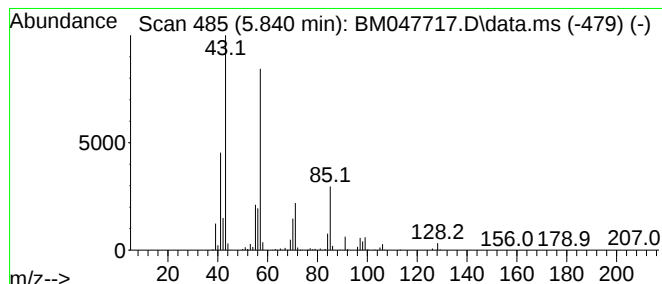
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Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 44

| R.T.  | EstConc    | Area    | Relative to ISTD       | R.T.  |
|-------|------------|---------|------------------------|-------|
| 5.840 | 7.98 ng/ul | 2611990 | 1,4-Dichlorobenzene-d4 | 7.816 |

| Hit# of 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|-----------|--------------|-----|---------|-------------|------|
| 1         | Nonane       | 128 | C9H20   | 000111-84-2 | 91   |
| 2         | Nonane       | 128 | C9H20   | 000111-84-2 | 91   |
| 3         | Nonane       | 128 | C9H20   | 000111-84-2 | 90   |
| 4         | Octane       | 114 | C8H18   | 000111-65-9 | 64   |
| 5         | Octane       | 114 | C8H18   | 000111-65-9 | 59   |



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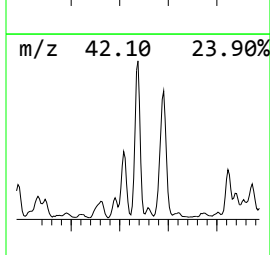
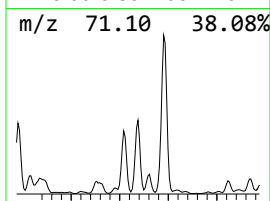
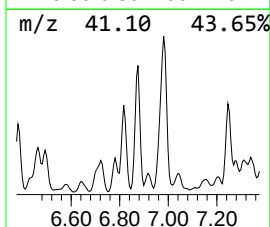
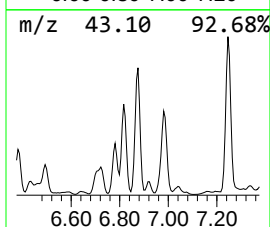
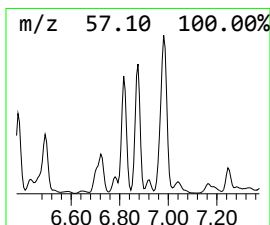
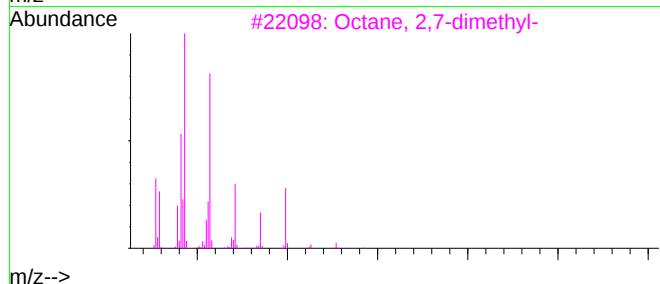
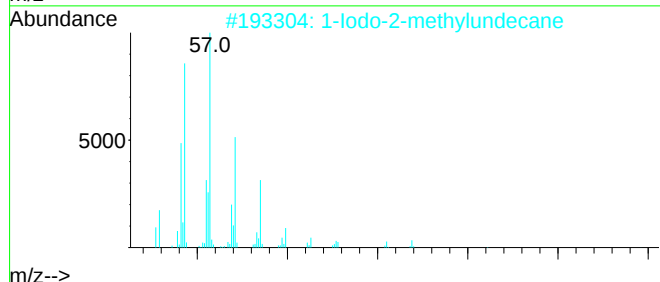
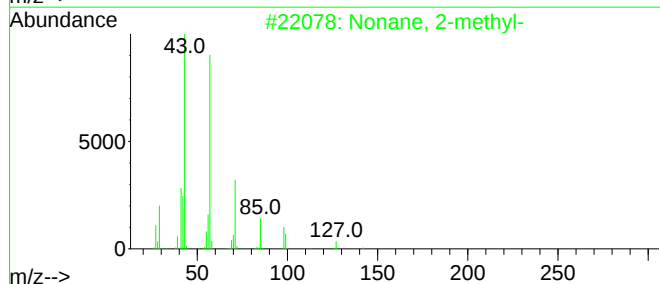
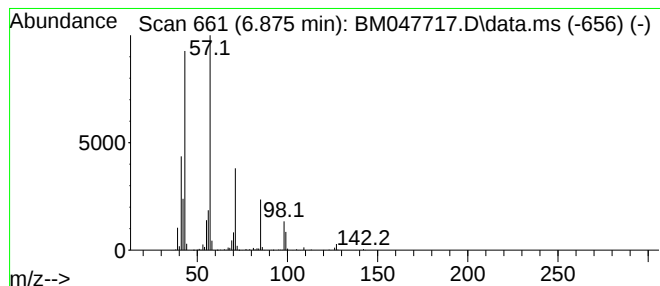
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TIC Integration Parameters: LSCINT.P

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Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 41

| R.T.      | EstConc                 | Area    | Relative to ISTD       | R.T.        |      |
|-----------|-------------------------|---------|------------------------|-------------|------|
| 6.875     | 8.67 ng/ul              | 2838840 | 1,4-Dichlorobenzene-d4 | 7.816       |      |
| Hit# of 5 | Tentative ID            | MW      | MolForm                | CAS#        | Qual |
| 1         | Nonane, 2-methyl-       | 142     | C10H22                 | 000871-83-0 | 91   |
| 2         | 1-Iodo-2-methylundecane | 296     | C12H25I                | 073105-67-6 | 72   |
| 3         | Octane, 2,7-dimethyl-   | 142     | C10H22                 | 001072-16-8 | 72   |
| 4         | Decane, 2-methyl-       | 156     | C11H24                 | 006975-98-0 | 64   |
| 5         | Heptane, 2,6-dimethyl-  | 128     | C9H20                  | 001072-05-5 | 64   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM093024\  
Data File : BM047717.D  
Acq On : 30 Sep 2024 14:37  
Operator : RC/JU  
Sample : P4018-08  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

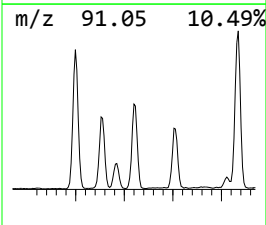
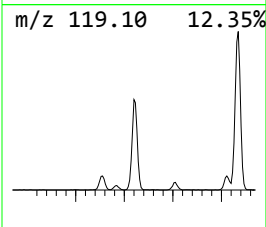
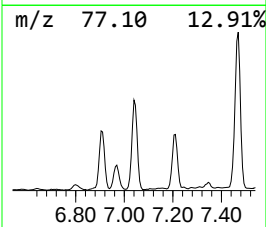
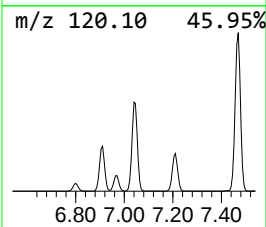
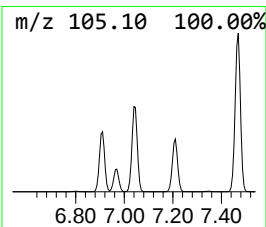
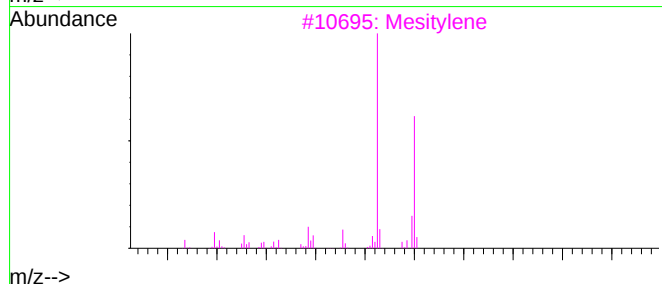
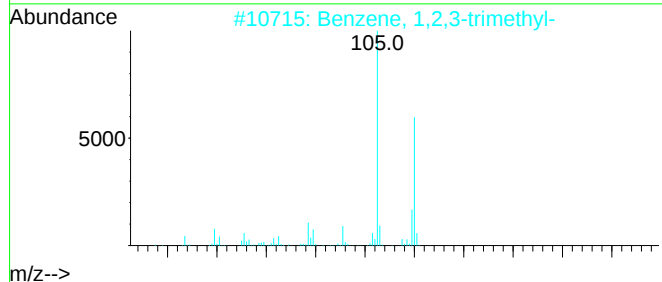
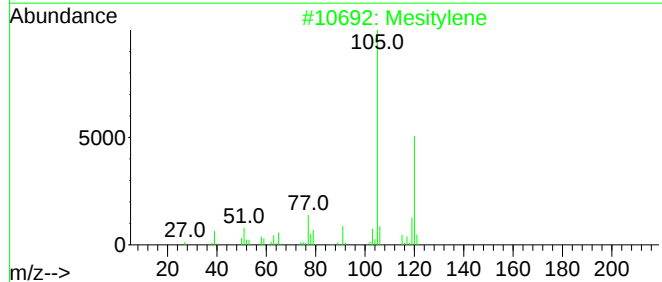
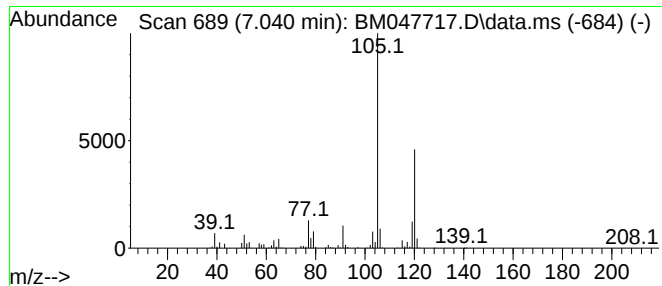
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ClientSampleId :  
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Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 3 Mesitylene Concentration Rank 40

| R.T.      | EstConc                   | Area    | Relative to ISTD       |         | R.T.        |      |
|-----------|---------------------------|---------|------------------------|---------|-------------|------|
| 7.040     | 8.91 ng/ul                | 2918650 | 1,4-Dichlorobenzene-d4 |         | 7.816       |      |
| 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         | Benzene, 1,2,3-trimethyl- |         | 120                    | C9H12   | 000526-73-8 | 95   |
| 5         | Mesitylene                |         | 120                    | C9H12   | 000108-67-8 | 94   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM093024\  
Data File : BM047717.D  
Acq On : 30 Sep 2024 14:37  
Operator : RC/JU  
Sample : P4018-08  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DDCB4

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

TIC Library : C:\Database\NIST20.L  
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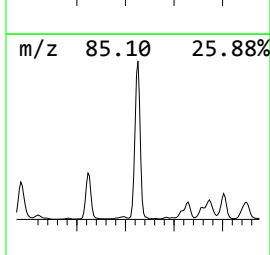
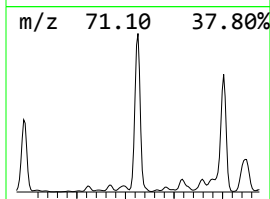
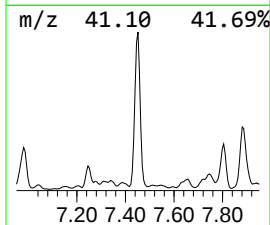
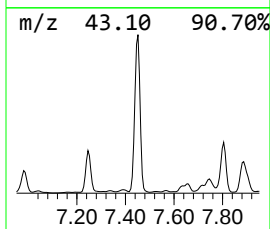
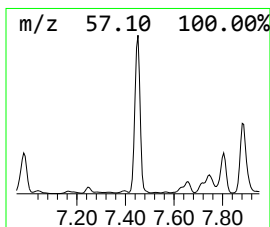
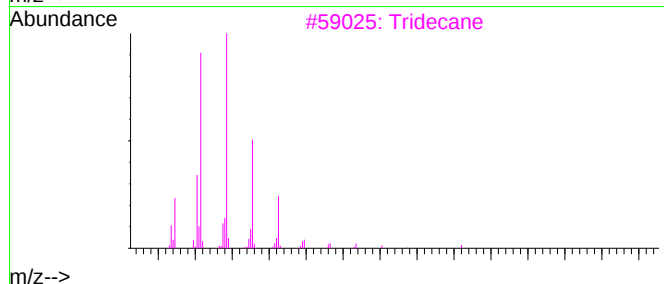
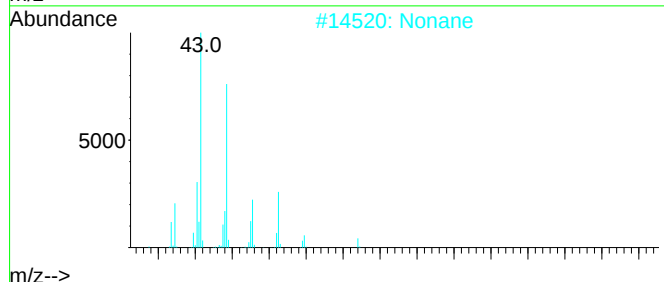
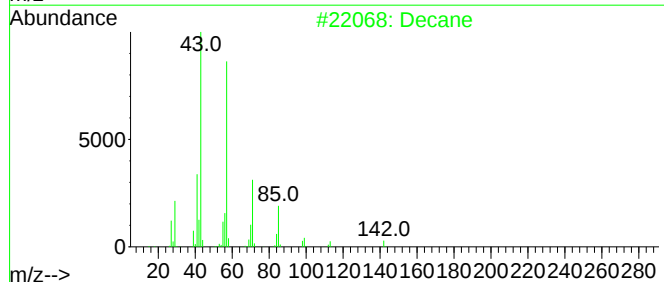
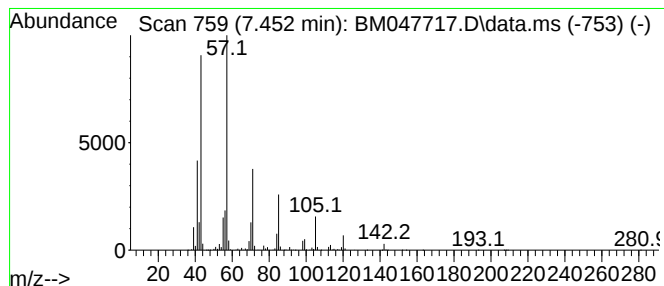
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 4

| R.T.  | EstConc     | Area     | Relative to ISTD       | R.T.  |
|-------|-------------|----------|------------------------|-------|
| 7.452 | 55.20 ng/ul | 18072000 | 1,4-Dichlorobenzene-d4 | 7.816 |

| Hit# of 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|-----------|--------------|-----|---------|-------------|------|
| 1         | Decane       | 142 | C10H22  | 000124-18-5 | 94   |
| 2         | Nonane       | 128 | C9H20   | 000111-84-2 | 80   |
| 3         | Tridecane    | 184 | C13H28  | 000629-50-5 | 59   |
| 4         | Hexadecane   | 226 | C16H34  | 000544-76-3 | 59   |
| 5         | Nonane       | 128 | C9H20   | 000111-84-2 | 59   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM093024\  
Data File : BM047717.D  
Acq On : 30 Sep 2024 14:37  
Operator : RC/JU  
Sample : P4018-08  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

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

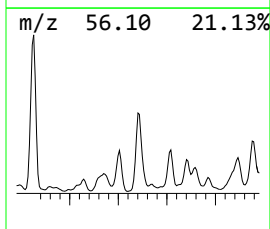
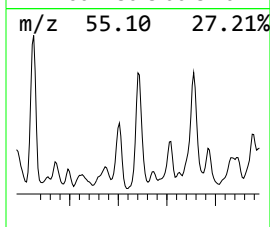
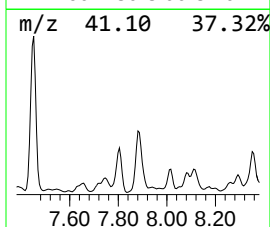
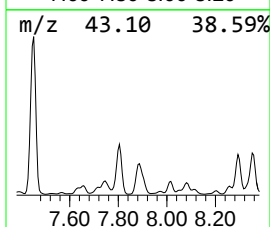
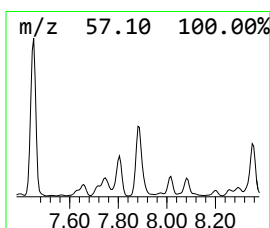
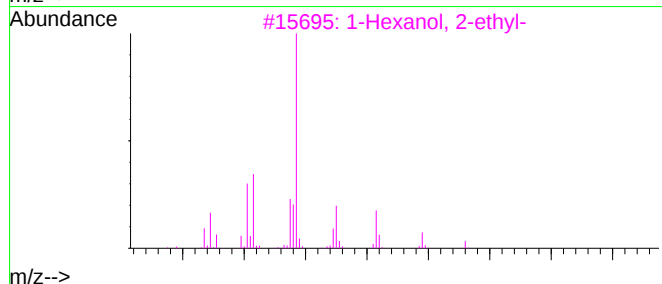
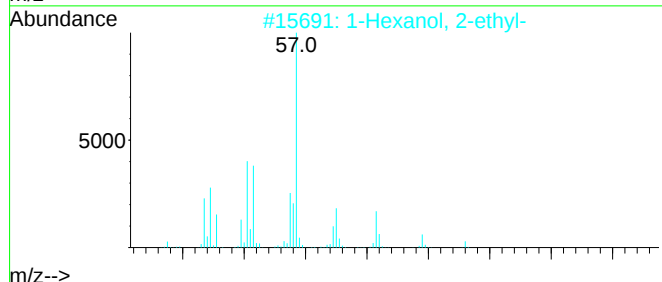
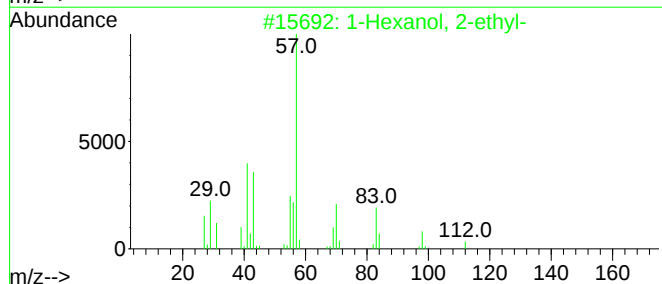
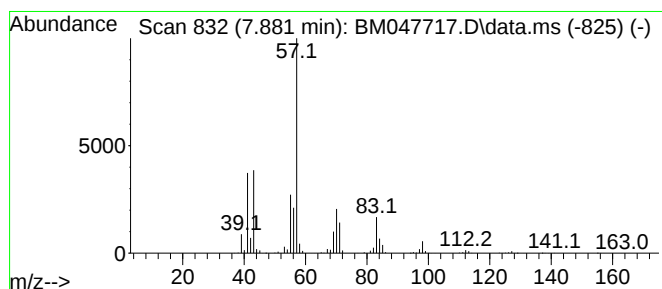
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 5 1-Hexanol, 2-ethyl- Concentration Rank 13

| R.T.  | EstConc     | Area    | Relative to ISTD       | R.T.  |
|-------|-------------|---------|------------------------|-------|
| 7.881 | 20.96 ng/ul | 6861710 | 1,4-Dichlorobenzene-d4 | 7.816 |

| Hit# of 5 | Tentative ID              | MW  | MolForm | CAS#        | Qual |
|-----------|---------------------------|-----|---------|-------------|------|
| 1         | 1-Hexanol, 2-ethyl-       | 130 | C8H18O  | 000104-76-7 | 72   |
| 2         | 1-Hexanol, 2-ethyl-       | 130 | C8H18O  | 000104-76-7 | 72   |
| 3         | 1-Hexanol, 2-ethyl-       | 130 | C8H18O  | 000104-76-7 | 64   |
| 4         | 1-Hexanol, 2-ethyl-       | 130 | C8H18O  | 000104-76-7 | 53   |
| 5         | Heptane, 2,3,6-trimethyl- | 142 | C10H22  | 004032-93-3 | 53   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM093024\  
Data File : BM047717.D  
Acq On : 30 Sep 2024 14:37  
Operator : RC/JU  
Sample : P4018-08  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DDCB4

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

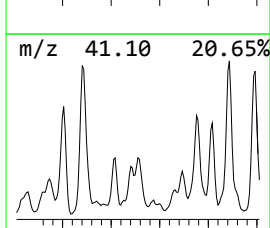
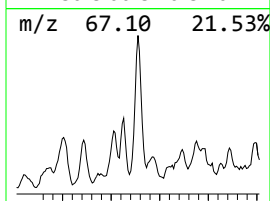
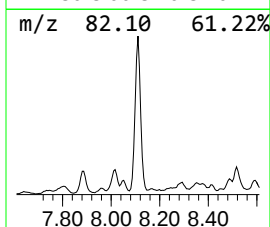
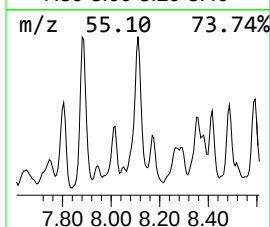
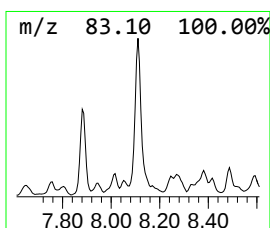
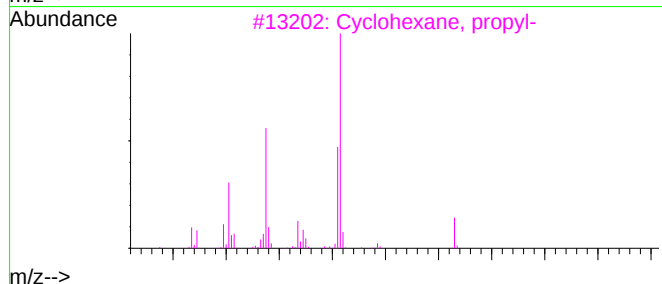
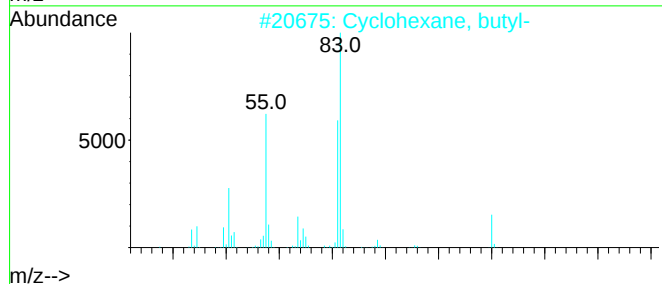
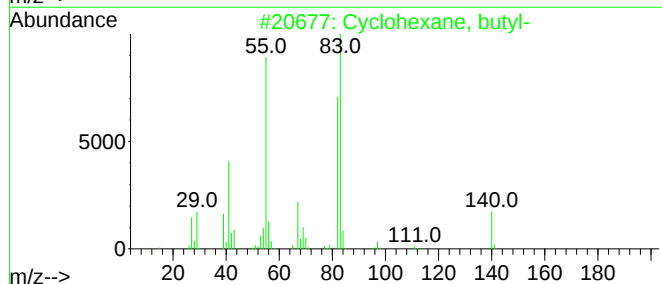
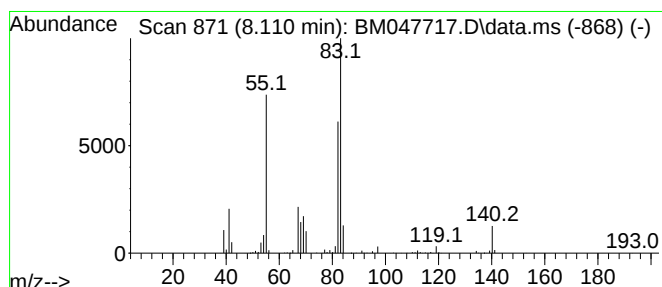
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Peak Number 6 (DEL) Alkane: Cyclic8.110 Concentration Rank 47

| R.T.  | EstConc    | Area    | Relative to ISTD       | R.T.  |
|-------|------------|---------|------------------------|-------|
| 8.110 | 7.72 ng/ul | 2528730 | 1,4-Dichlorobenzene-d4 | 7.816 |

| Hit# of 5 | Tentative ID                       | MW  | MolForm | CAS#        | Qual |
|-----------|------------------------------------|-----|---------|-------------|------|
| 1         | Cyclohexane, butyl-                | 140 | C10H20  | 001678-93-9 | 87   |
| 2         | Cyclohexane, butyl-                | 140 | C10H20  | 001678-93-9 | 87   |
| 3         | Cyclohexane, propyl-               | 126 | C9H18   | 001678-92-8 | 78   |
| 4         | Cyclohexane, 1,1'-(1,4-butanedi... | 222 | C16H30  | 006165-44-2 | 72   |
| 5         | Cyclohexane, ethyl-                | 112 | C8H16   | 001678-91-7 | 64   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM093024\  
Data File : BM047717.D  
Acq On : 30 Sep 2024 14:37  
Operator : RC/JU  
Sample : P4018-08  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DDCB4

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

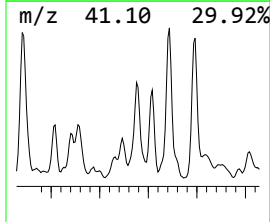
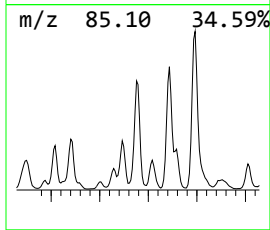
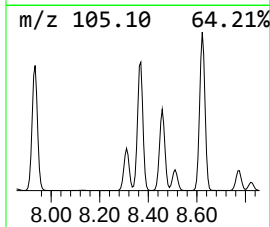
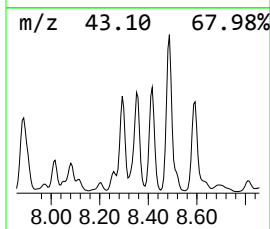
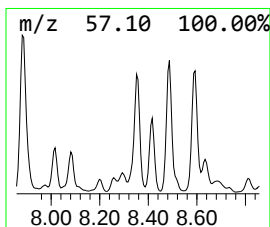
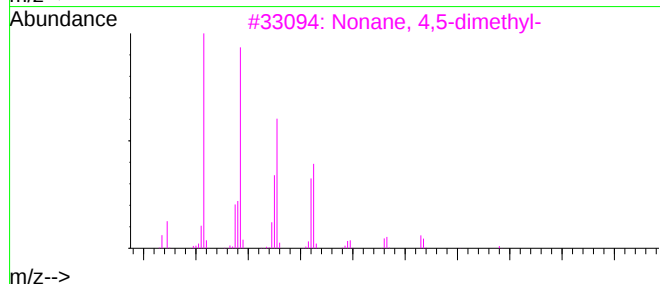
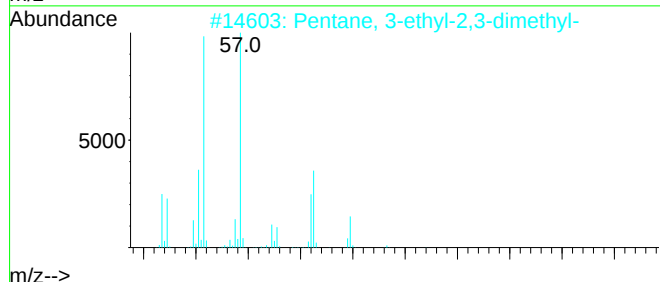
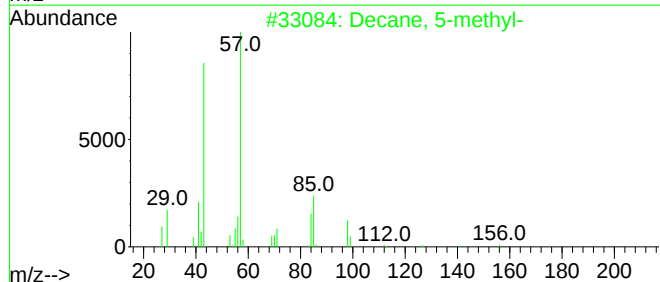
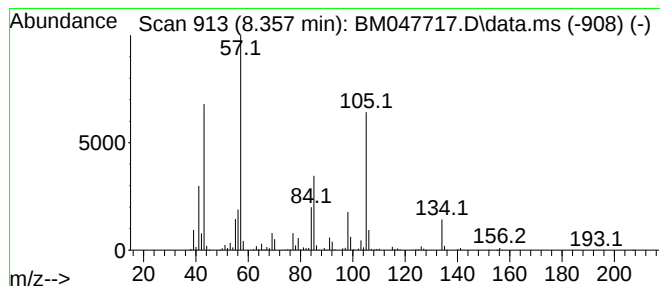
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Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 22

| R.T.  | EstConc     | Area    | Relative to ISTD       | R.T.  |
|-------|-------------|---------|------------------------|-------|
| 8.357 | 16.71 ng/ul | 5471080 | 1,4-Dichlorobenzene-d4 | 7.816 |

| Hit# of 5 | Tentative ID                   | MW  | MolForm | CAS#        | Qual |
|-----------|--------------------------------|-----|---------|-------------|------|
| 1         | Decane, 5-methyl-              | 156 | C11H24  | 013151-35-4 | 64   |
| 2         | Pentane, 3-ethyl-2,3-dimethyl- | 128 | C9H20   | 016747-33-4 | 47   |
| 3         | Nonane, 4,5-dimethyl-          | 156 | C11H24  | 017302-23-7 | 38   |
| 4         | Benzene, 1-methyl-4-propyl-    | 134 | C10H14  | 001074-55-1 | 35   |
| 5         | Pentane, 3-ethyl-2,4-dimethyl- | 128 | C9H20   | 001068-87-7 | 35   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM093024\  
Data File : BM047717.D  
Acq On : 30 Sep 2024 14:37  
Operator : RC/JU  
Sample : P4018-08  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DDCB4

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

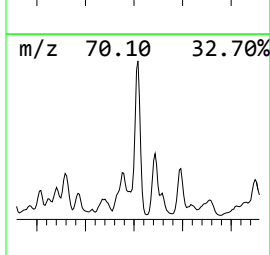
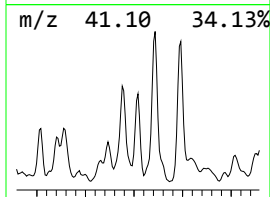
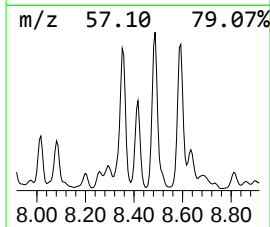
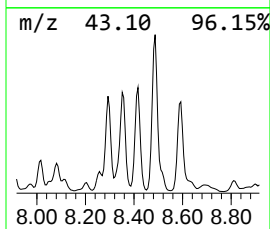
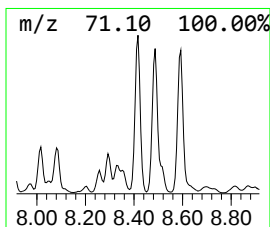
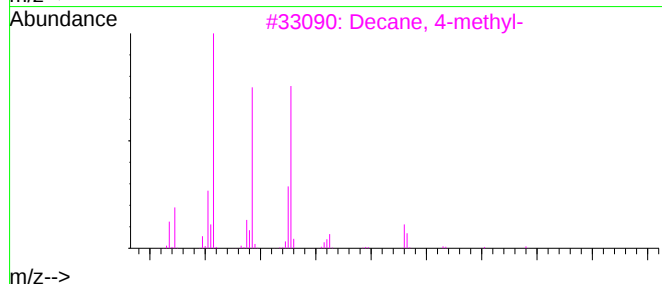
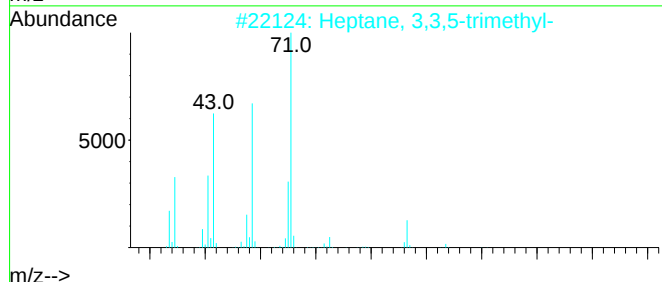
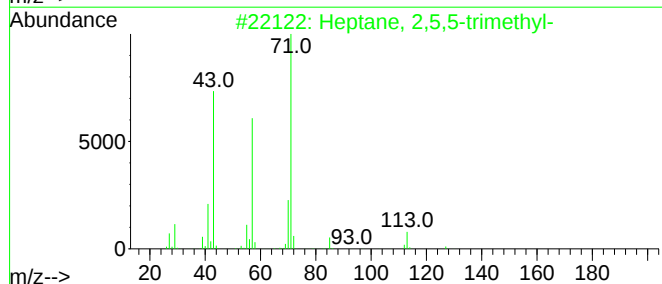
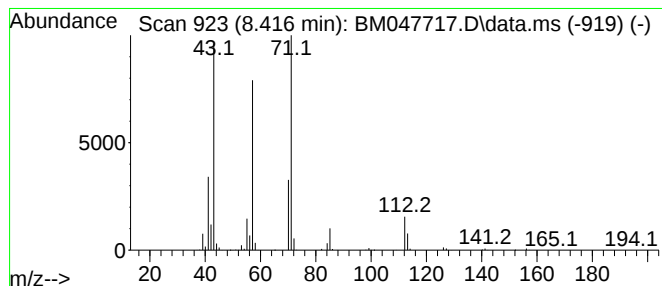
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Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 42

| R.T.  | EstConc    | Area    | Relative to ISTD       | R.T.  |
|-------|------------|---------|------------------------|-------|
| 8.416 | 8.18 ng/ul | 2679490 | 1,4-Dichlorobenzene-d4 | 7.816 |

| Hit# of 5 | Tentative ID                        | MW  | MolForm    | CAS#         | Qual |
|-----------|-------------------------------------|-----|------------|--------------|------|
| 1         | Heptane, 2,5,5-trimethyl-           | 142 | C10H22     | 001189-99-7  | 78   |
| 2         | Heptane, 3,3,5-trimethyl-           | 142 | C10H22     | 007154-80-5  | 78   |
| 3         | Decane, 4-methyl-                   | 156 | C11H24     | 002847-72-5  | 76   |
| 4         | 4-Methyl-3-heptanol, trifluoroac... | 226 | C10H17F3O2 | 1000365-51-8 | 72   |
| 5         | 4-Methyl-3-heptanol, pentafluoro... | 276 | C11H17F5O2 | 1000365-51-7 | 72   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM093024\  
Data File : BM047717.D  
Acq On : 30 Sep 2024 14:37  
Operator : RC/JU  
Sample : P4018-08  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DDCB4

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

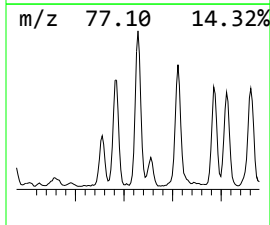
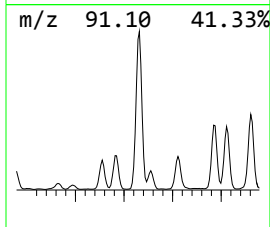
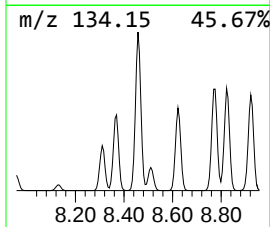
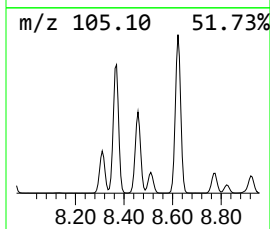
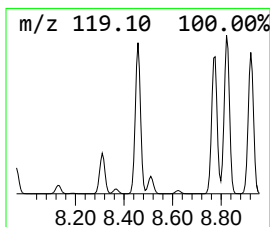
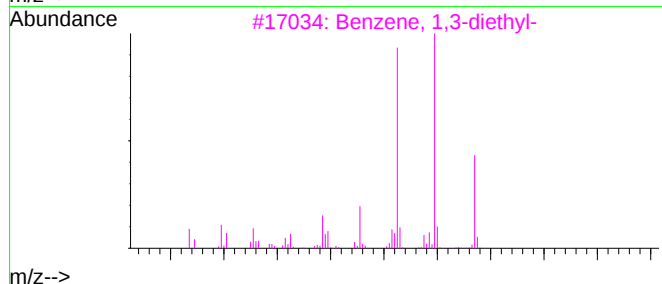
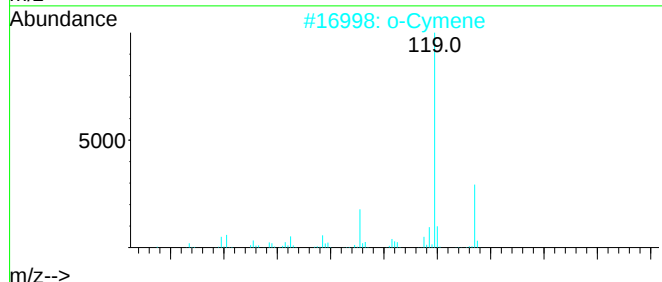
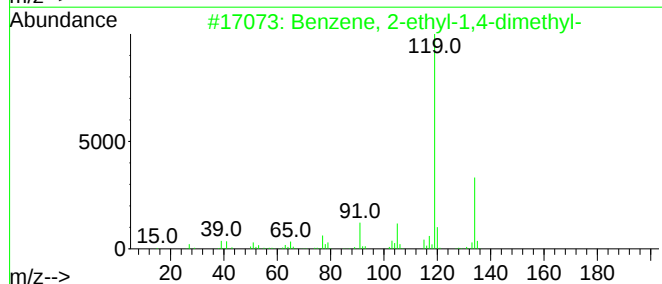
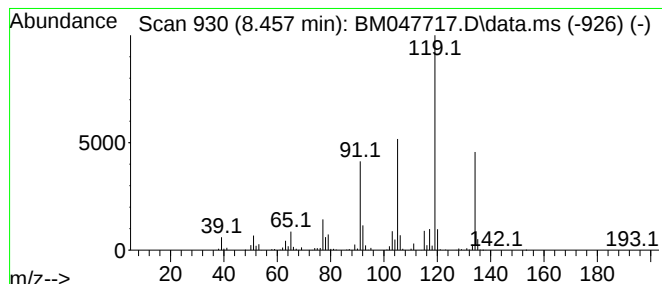
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Peak Number 9 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 35

| R.T.  | EstConc     | Area    | Relative to ISTD       | R.T.  |
|-------|-------------|---------|------------------------|-------|
| 8.457 | 10.45 ng/ul | 3420770 | 1,4-Dichlorobenzene-d4 | 7.816 |

| Hit# of 5 | Tentative ID                   | MW  | MolForm | CAS#        | Qual |
|-----------|--------------------------------|-----|---------|-------------|------|
| 1         | Benzene, 2-ethyl-1,4-dimethyl- | 134 | C10H14  | 001758-88-9 | 94   |
| 2         | o-Cymene                       | 134 | C10H14  | 000527-84-4 | 91   |
| 3         | Benzene, 1,3-diethyl-          | 134 | C10H14  | 000141-93-5 | 91   |
| 4         | Benzene, 1-ethyl-3,5-dimethyl- | 134 | C10H14  | 000934-74-7 | 91   |
| 5         | Benzene, 1,4-diethyl-          | 134 | C10H14  | 000105-05-5 | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM093024\  
Data File : BM047717.D  
Acq On : 30 Sep 2024 14:37  
Operator : RC/JU  
Sample : P4018-08  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DDCB4

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

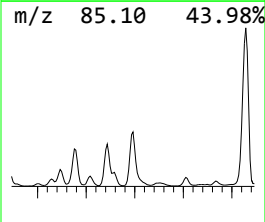
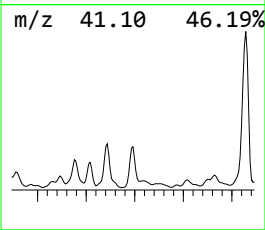
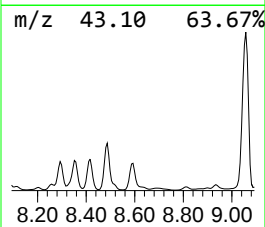
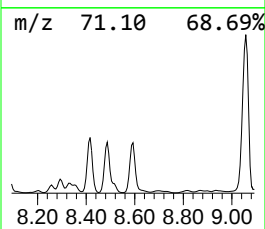
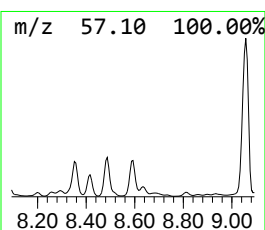
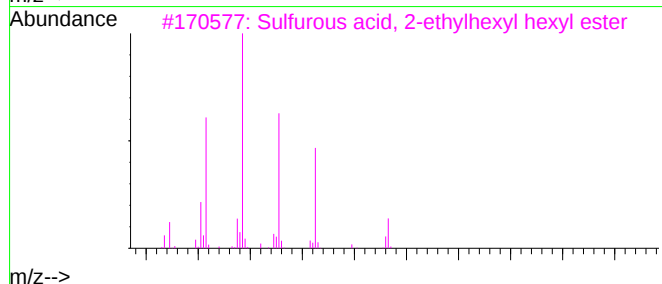
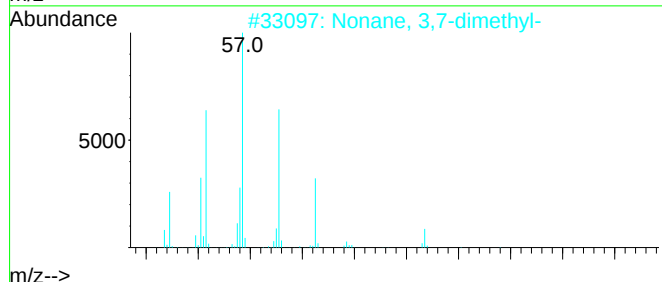
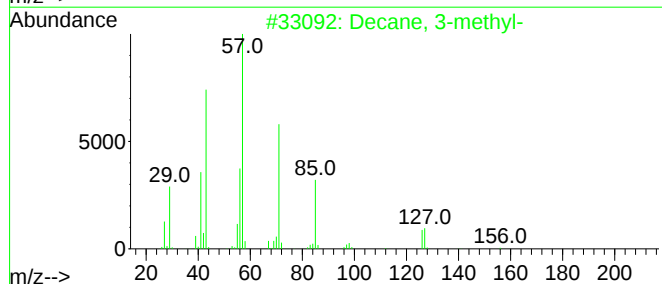
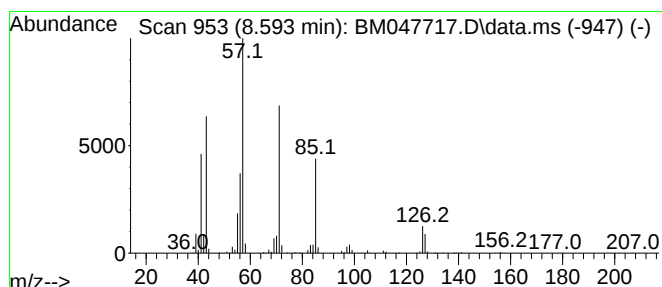
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Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 19

| R.T.  | EstConc     | Area    | Relative to ISTD       | R.T.  |
|-------|-------------|---------|------------------------|-------|
| 8.593 | 18.16 ng/ul | 5945390 | 1,4-Dichlorobenzene-d4 | 7.816 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | Decane, 3-methyl-                   | 156 | C11H24    | 013151-34-3  | 94   |
| 2    |    |   | Nonane, 3,7-dimethyl-               | 156 | C11H24    | 017302-32-8  | 80   |
| 3    |    |   | Sulfurous acid, 2-ethylhexyl hex... | 278 | C14H30O3S | 1000309-20-2 | 64   |
| 4    |    |   | Undecane, 3-methyl-                 | 170 | C12H26    | 001002-43-3  | 64   |
| 5    |    |   | Undecane, 3,8-dimethyl-             | 184 | C13H28    | 017301-30-3  | 59   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM093024\  
Data File : BM047717.D  
Acq On : 30 Sep 2024 14:37  
Operator : RC/JU  
Sample : P4018-08  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DDCB4

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

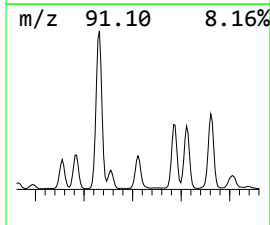
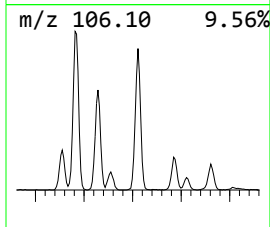
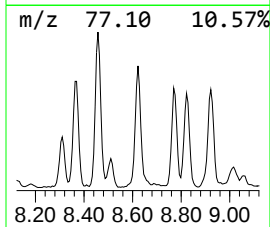
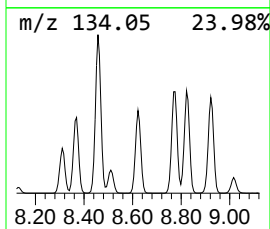
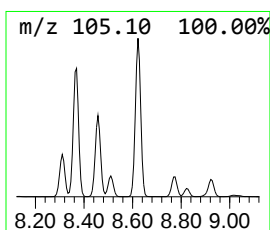
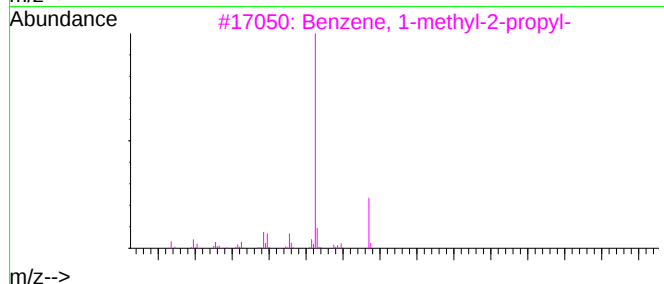
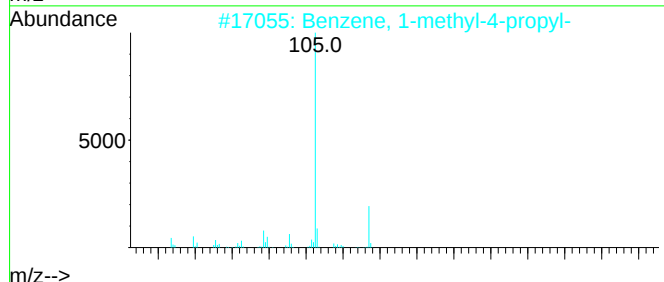
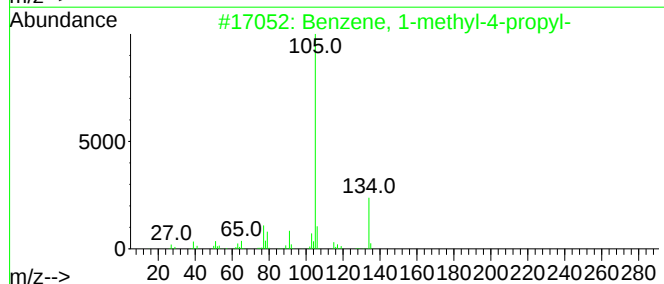
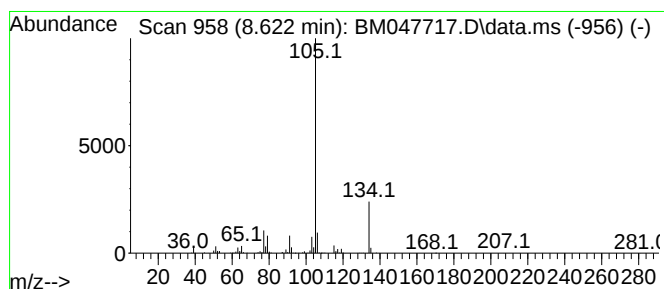
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Peak Number 11 Benzene, 1-methyl-4-propyl- Concentration Rank 38

| R.T.  | EstConc    | Area    | Relative to ISTD       | R.T.  |
|-------|------------|---------|------------------------|-------|
| 8.622 | 9.27 ng/ul | 3036300 | 1,4-Dichlorobenzene-d4 | 7.816 |

| Hit# of 5 | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|-----------|-----------------------------|-----|---------|-------------|------|
| 1         | Benzene, 1-methyl-4-propyl- | 134 | C10H14  | 001074-55-1 | 94   |
| 2         | Benzene, 1-methyl-4-propyl- | 134 | C10H14  | 001074-55-1 | 91   |
| 3         | Benzene, 1-methyl-2-propyl- | 134 | C10H14  | 001074-17-5 | 91   |
| 4         | Benzene, (1-methylpropyl)-  | 134 | C10H14  | 000135-98-8 | 91   |
| 5         | Benzene, 1-methyl-4-propyl- | 134 | C10H14  | 001074-55-1 | 90   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM093024\  
Data File : BM047717.D  
Acq On : 30 Sep 2024 14:37  
Operator : RC/JU  
Sample : P4018-08  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DDCB4

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

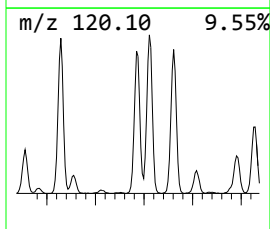
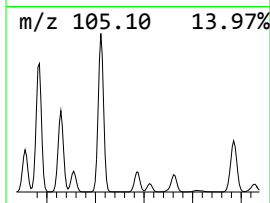
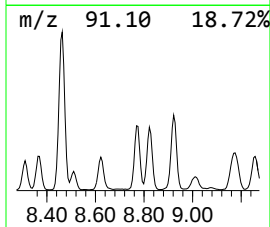
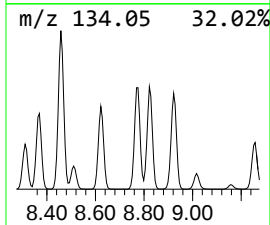
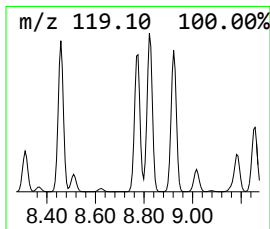
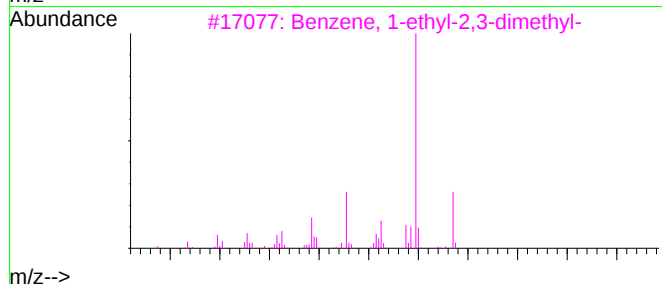
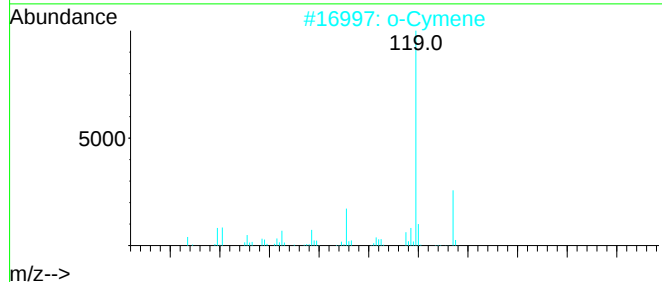
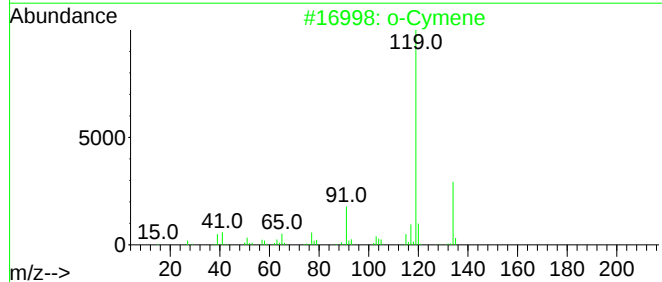
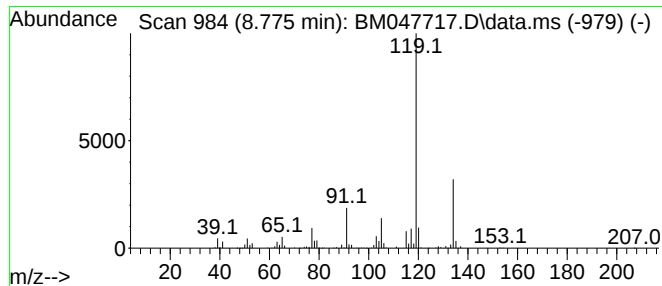
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TIC Integration Parameters: LSCINT.P

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Peak Number 12 o-Cymene Concentration Rank 43

| R.T.  | EstConc    | Area    | Relative to ISTD       | R.T.  |
|-------|------------|---------|------------------------|-------|
| 8.775 | 7.99 ng/ul | 2615590 | 1,4-Dichlorobenzene-d4 | 7.816 |

| 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         | Benzene, 1-ethyl-2,3-dimethyl- | 134 | C10H14  | 000933-98-2 | 95   |
| 4         | Benzene, 2-ethyl-1,4-dimethyl- | 134 | C10H14  | 001758-88-9 | 95   |
| 5         | Benzene, 2-ethyl-1,4-dimethyl- | 134 | C10H14  | 001758-88-9 | 94   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM093024\  
Data File : BM047717.D  
Acq On : 30 Sep 2024 14:37  
Operator : RC/JU  
Sample : P4018-08  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DDCB4

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

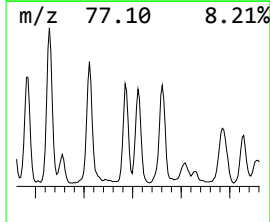
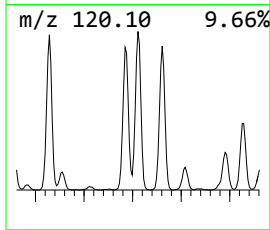
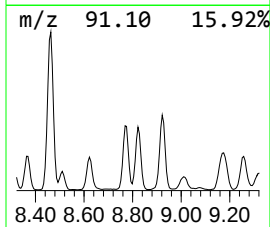
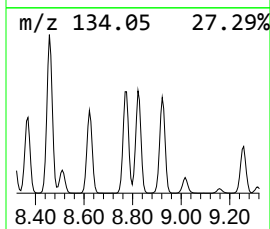
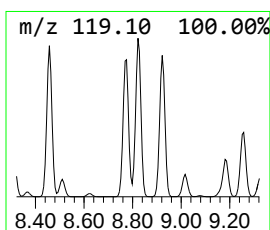
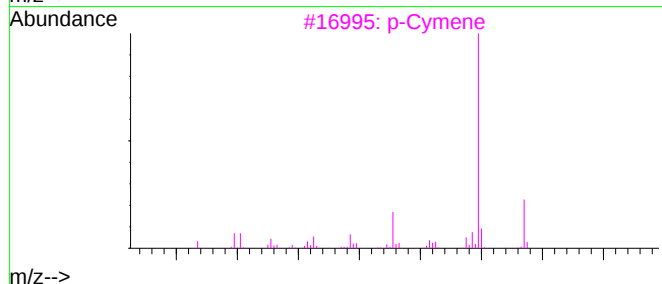
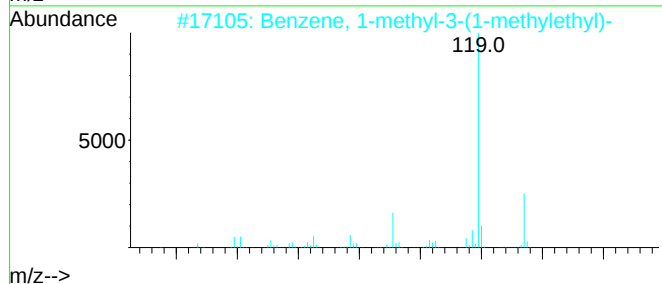
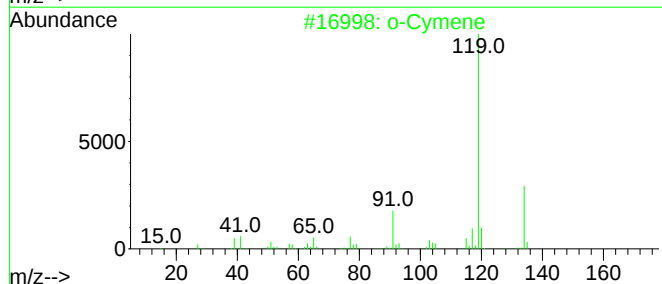
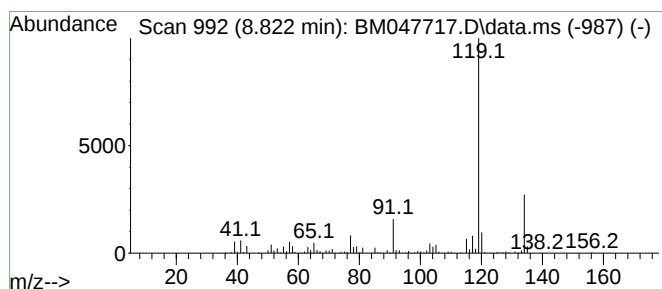
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

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Peak Number 13 Benzene, 1-methyl-3-(1-meth... Concentration Rank 33

| R.T.      | EstConc                             | Area    | Relative to ISTD       | R.T.        |      |
|-----------|-------------------------------------|---------|------------------------|-------------|------|
| 8.822     | 11.58 ng/ul                         | 3792350 | 1,4-Dichlorobenzene-d4 | 7.816       |      |
| Hit# of 5 | Tentative ID                        | MW      | MolForm                | CAS#        | Qual |
| 1         | o-Cymene                            | 134     | C10H14                 | 000527-84-4 | 97   |
| 2         | Benzene, 1-methyl-3-(1-methyleth... | 134     | C10H14                 | 000535-77-3 | 95   |
| 3         | p-Cymene                            | 134     | C10H14                 | 000099-87-6 | 95   |
| 4         | Benzene, 1-ethyl-2,4-dimethyl-      | 134     | C10H14                 | 000874-41-9 | 94   |
| 5         | 1,3,5-Cycloheptatriene, 3,7,7-tr... | 134     | C10H14                 | 003479-89-8 | 94   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM093024\  
Data File : BM047717.D  
Acq On : 30 Sep 2024 14:37  
Operator : RC/JU  
Sample : P4018-08  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DDCB4

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

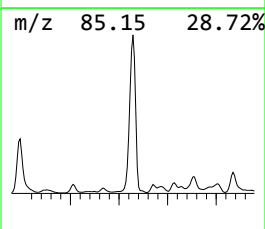
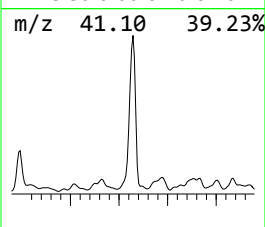
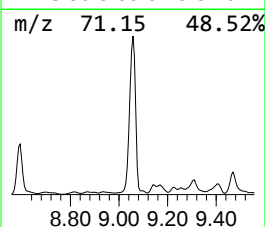
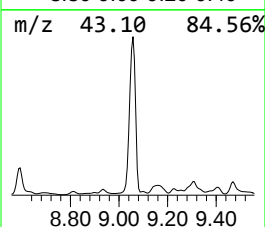
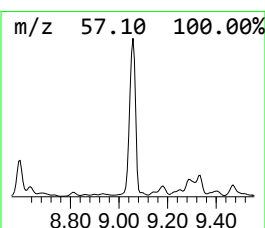
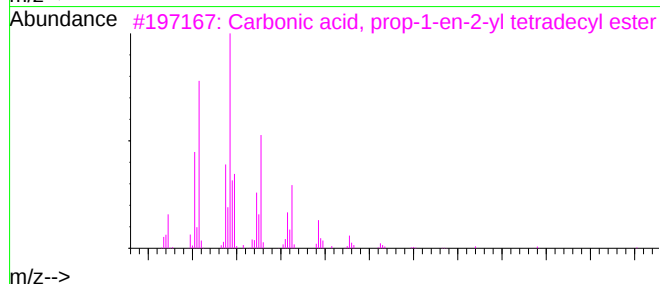
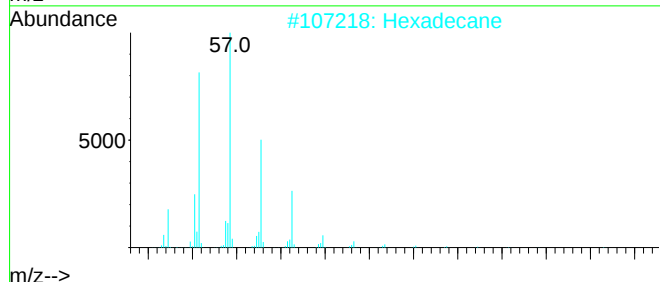
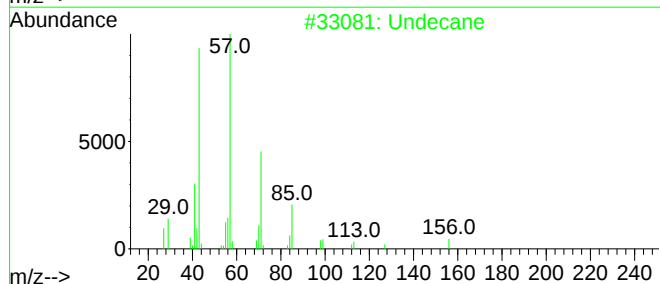
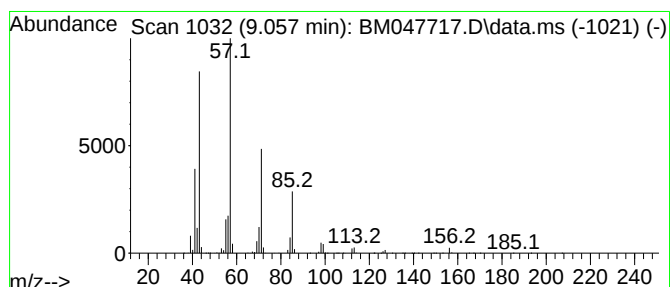
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Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 2

| R.T.  | EstConc     | Area     | Relative to ISTD       | R.T.  |
|-------|-------------|----------|------------------------|-------|
| 9.057 | 72.79 ng/ul | 23830900 | 1,4-Dichlorobenzene-d4 | 7.816 |

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



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM093024\  
Data File : BM047717.D  
Acq On : 30 Sep 2024 14:37  
Operator : RC/JU  
Sample : P4018-08  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DDCB4

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

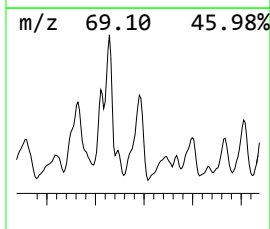
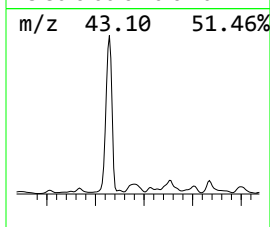
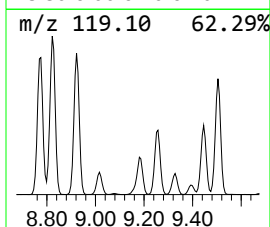
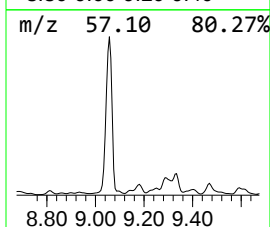
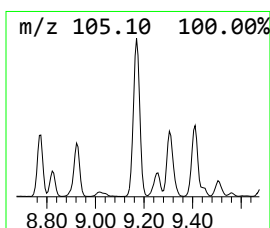
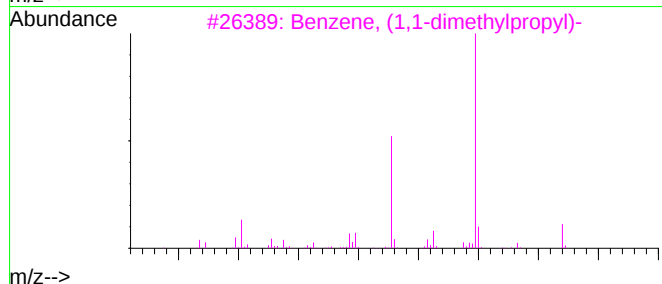
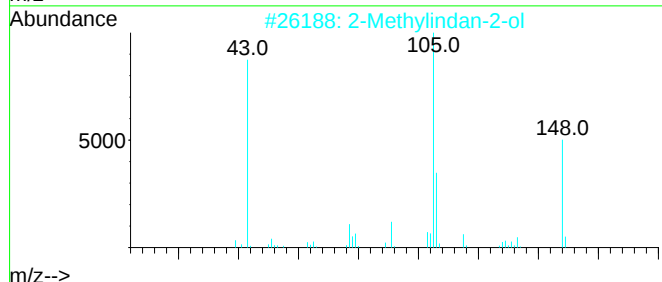
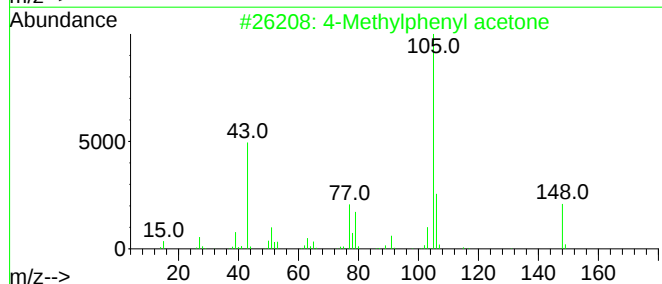
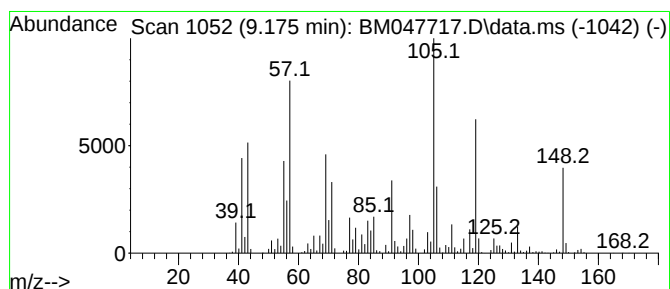
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Peak Number 15 4-Methylphenyl acetone Concentration Rank 18

| R.T.  | EstConc     | Area    | Relative to ISTD       | R.T.  |
|-------|-------------|---------|------------------------|-------|
| 9.175 | 18.57 ng/ul | 6080680 | 1,4-Dichlorobenzene-d4 | 7.816 |

| Hit# of 5 | Tentative ID                   | MW  | MolForm | CAS#        | Qual |
|-----------|--------------------------------|-----|---------|-------------|------|
| 1         | 4-Methylphenyl acetone         | 148 | C10H12O | 002096-86-8 | 50   |
| 2         | 2-Methylindan-2-ol             | 148 | C10H12O | 033223-84-6 | 45   |
| 3         | Benzene, (1,1-dimethylpropyl)- | 148 | C11H16  | 002049-95-8 | 43   |
| 4         | 2-Butanone, 4-phenyl-          | 148 | C10H12O | 002550-26-7 | 42   |
| 5         | 2-Butanone, 4-phenyl-          | 148 | C10H12O | 002550-26-7 | 42   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM093024\  
Data File : BM047717.D  
Acq On : 30 Sep 2024 14:37  
Operator : RC/JU  
Sample : P4018-08  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DDCB4

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

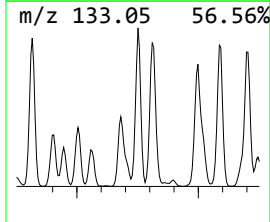
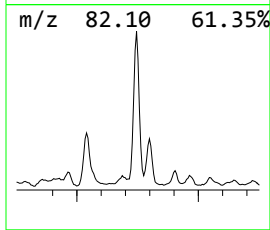
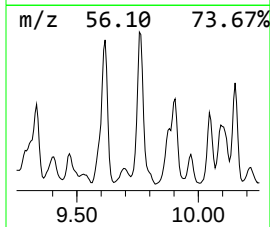
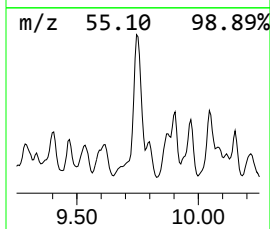
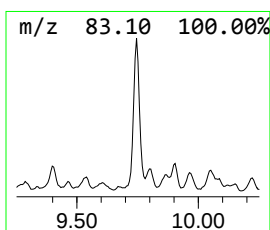
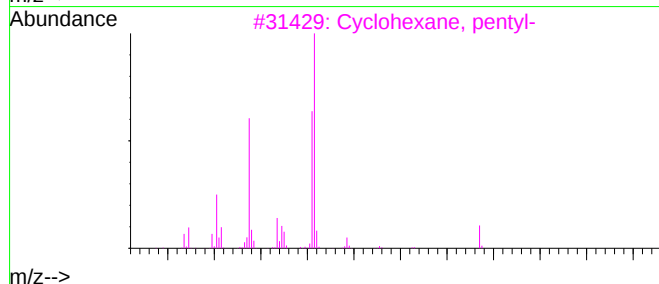
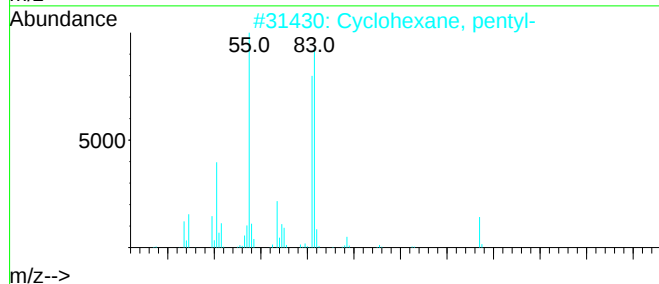
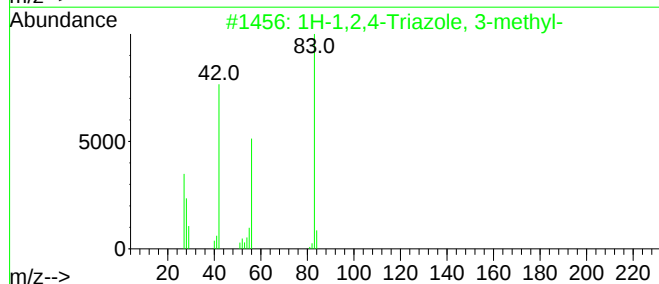
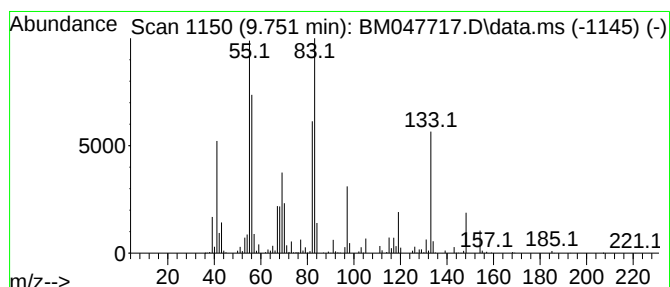
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Peak Number 16 unknown-01 Concentration Rank 59

| R.T.  | EstConc    | Area    | Relative to ISTD | R.T.   |
|-------|------------|---------|------------------|--------|
| 9.751 | 2.09 ng/ul | 3723730 | Naphthalene-d8   | 10.610 |

| Hit# of 5 | Tentative ID                 | MW  | MolForm | CAS#        | Qual |
|-----------|------------------------------|-----|---------|-------------|------|
| 1         | 1H-1,2,4-Triazole, 3-methyl- | 83  | C3H5N3  | 007170-01-6 | 38   |
| 2         | Cyclohexane, pentyl-         | 154 | C11H22  | 004292-92-6 | 38   |
| 3         | Cyclohexane, pentyl-         | 154 | C11H22  | 004292-92-6 | 38   |
| 4         | Cyclohexane, propyl-         | 126 | C9H18   | 001678-92-8 | 35   |
| 5         | Cyclohexane, butyl-          | 140 | C10H20  | 001678-93-9 | 35   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM093024\  
Data File : BM047717.D  
Acq On : 30 Sep 2024 14:37  
Operator : RC/JU  
Sample : P4018-08  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DDCB4

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

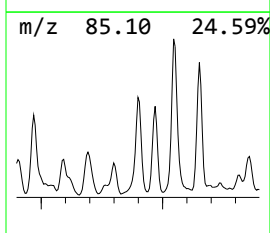
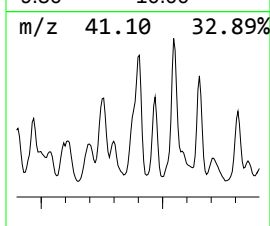
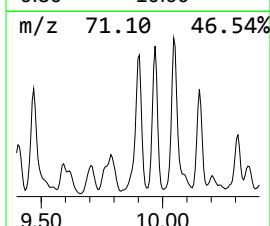
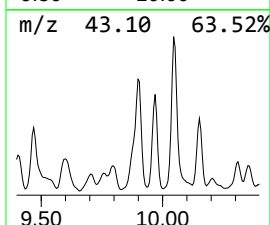
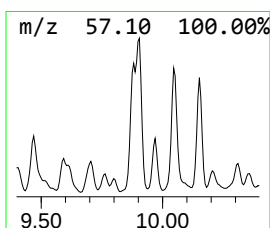
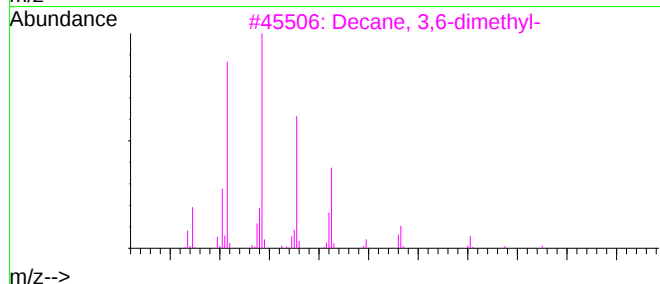
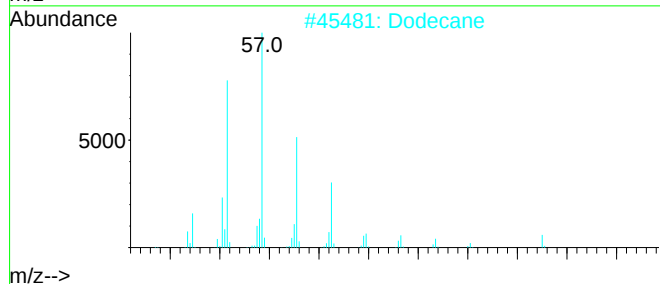
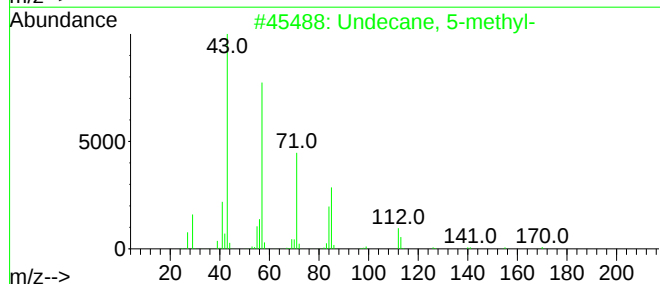
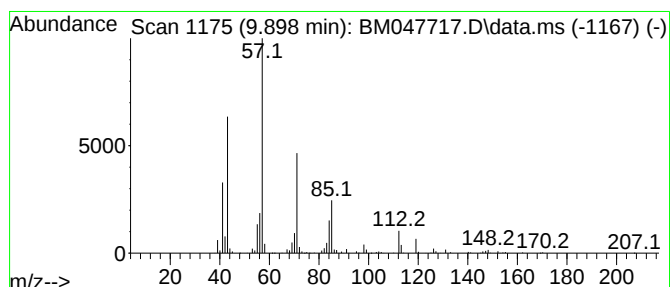
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Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 53

| R.T.  | EstConc    | Area    | Relative to ISTD | R.T.   |
|-------|------------|---------|------------------|--------|
| 9.898 | 3.29 ng/ul | 5848360 | Naphthalene-d8   | 10.610 |

| Hit# of 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|-----------|-------------------------------------|-----|-----------|--------------|------|
| 1         | Undecane, 5-methyl-                 | 170 | C12H26    | 001632-70-8  | 72   |
| 2         | Dodecane                            | 170 | C12H26    | 000112-40-3  | 72   |
| 3         | Decane, 3,6-dimethyl-               | 170 | C12H26    | 017312-53-7  | 64   |
| 4         | Undecane, 2,6-dimethyl-             | 184 | C13H28    | 017301-23-4  | 53   |
| 5         | Sulfurous acid, 2-ethylhexyl hex... | 278 | C14H30O3S | 1000309-20-2 | 53   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM093024\  
Data File : BM047717.D  
Acq On : 30 Sep 2024 14:37  
Operator : RC/JU  
Sample : P4018-08  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DDCB4

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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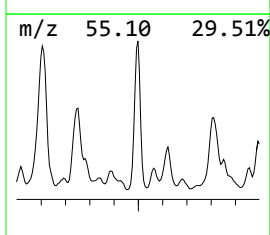
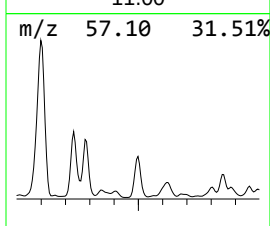
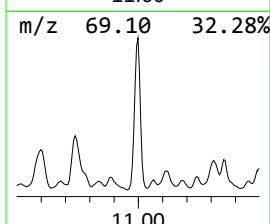
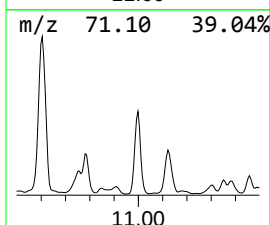
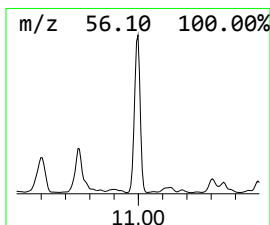
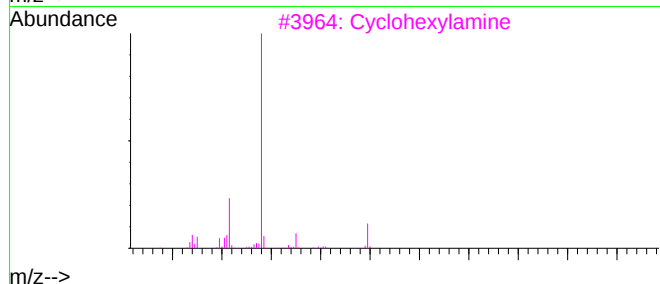
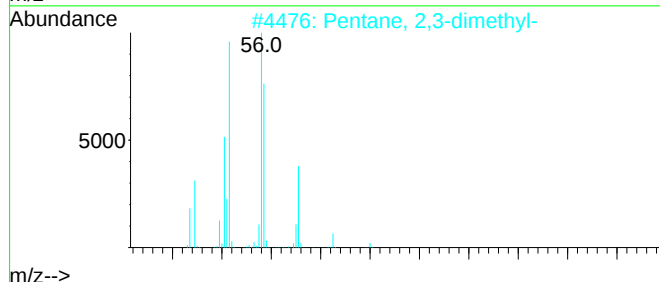
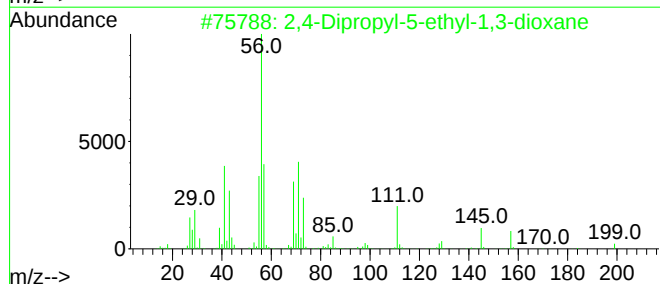
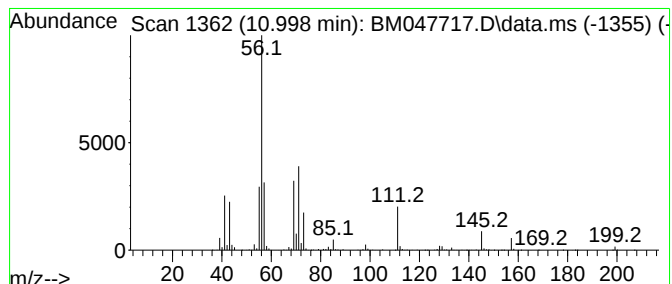
Peak Number 18 unknown-02

Concentration Rank 48

| R.T.   | EstConc    | Area     | Relative to ISTD | R.T.   |
|--------|------------|----------|------------------|--------|
| 10.998 | 7.37 ng/ul | 13104900 | Naphthalene-d8   | 10.610 |

| 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         | Pentane, 2,3-dimethyl-            | 100 | C7H16    | 000565-59-3 | 36   |
| 3         | Cyclohexylamine                   | 99  | C6H13N   | 000108-91-8 | 35   |
| 4         | Cyclohexylamine                   | 99  | C6H13N   | 000108-91-8 | 35   |
| 5         | Cyclobutane, 1,2,3,4-tetramethyl- | 112 | C8H16    | 069531-57-3 | 35   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM093024\  
Data File : BM047717.D  
Acq On : 30 Sep 2024 14:37  
Operator : RC/JU  
Sample : P4018-08  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DDCB4

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

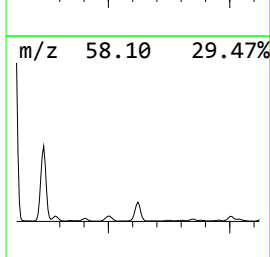
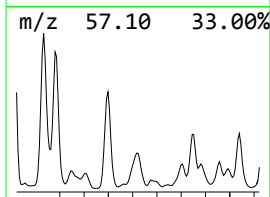
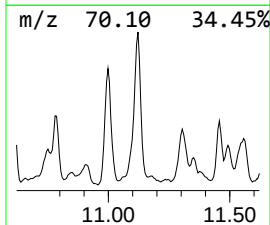
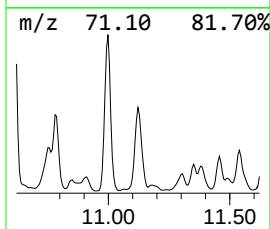
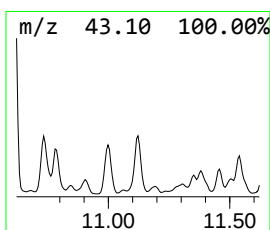
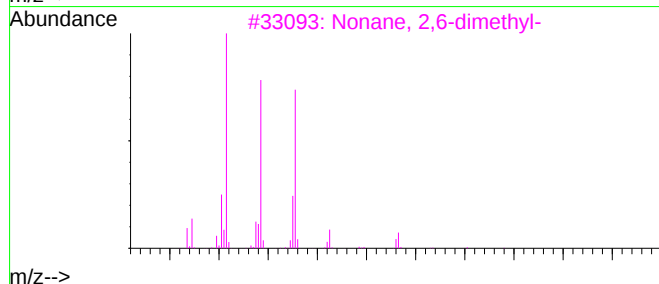
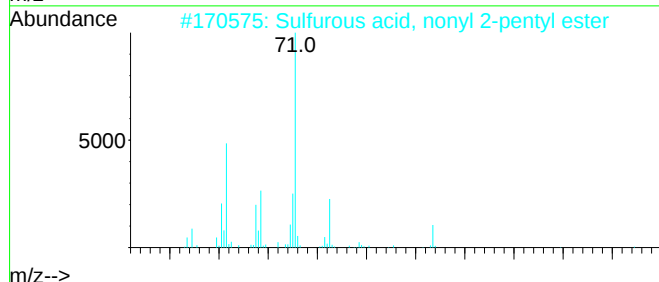
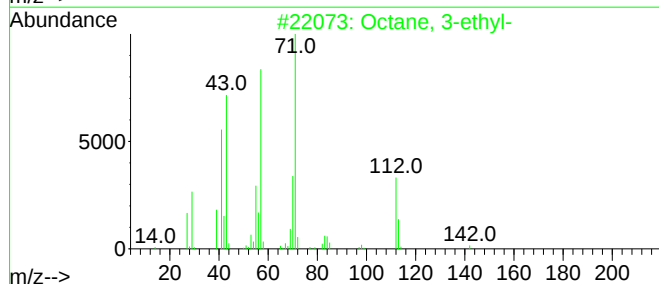
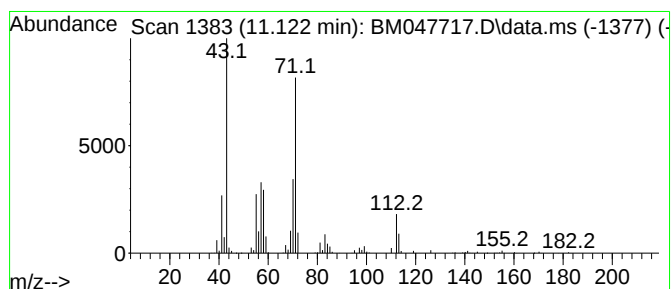
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Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 57

| R.T.   | EstConc    | Area    | Relative to ISTD | R.T.   |
|--------|------------|---------|------------------|--------|
| 11.122 | 2.43 ng/ul | 4314430 | Naphthalene-d8   | 10.610 |

| Hit# of 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|-----------|-------------------------------------|-----|-----------|--------------|------|
| 1         | Octane, 3-ethyl-                    | 142 | C10H22    | 005881-17-4  | 64   |
| 2         | Sulfurous acid, nonyl 2-pentyl e... | 278 | C14H30O3S | 1010309-15-8 | 59   |
| 3         | Nonane, 2,6-dimethyl-               | 156 | C11H24    | 017302-28-2  | 59   |
| 4         | 1,2-Cyclohexanediol, 1-methyl-, ... | 130 | C7H14O2   | 019534-08-8  | 56   |
| 5         | 1-Butanol, 2,2-dimethyl-            | 102 | C6H14O    | 001185-33-7  | 53   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM093024\  
Data File : BM047717.D  
Acq On : 30 Sep 2024 14:37  
Operator : RC/JU  
Sample : P4018-08  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DDCB4

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

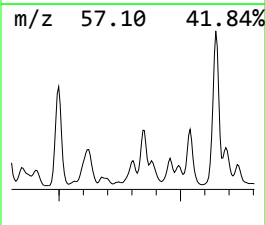
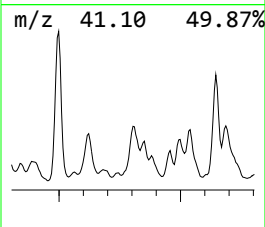
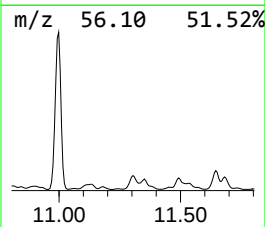
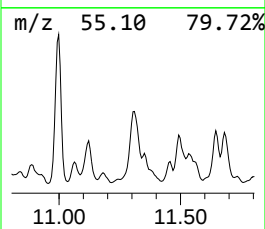
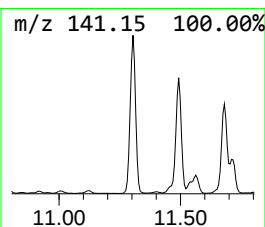
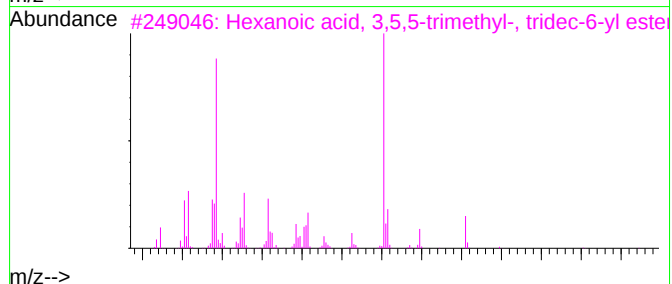
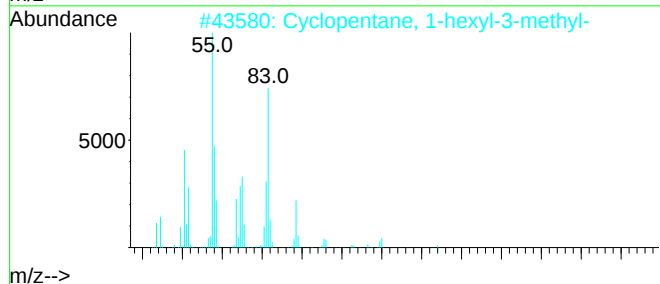
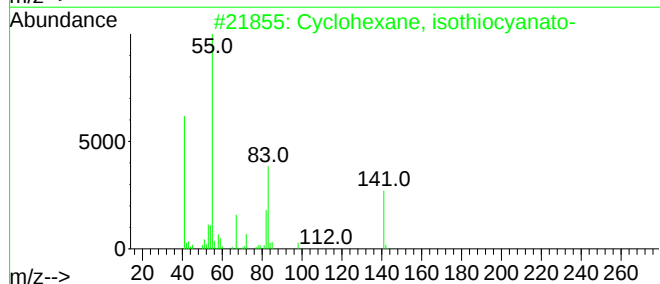
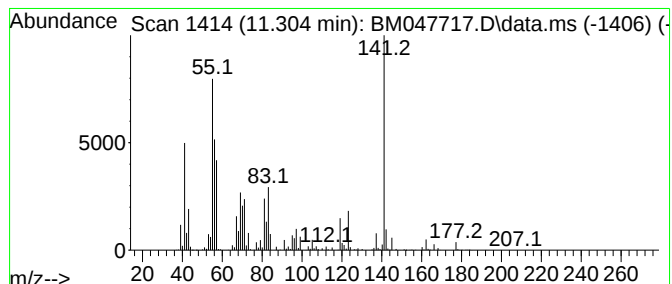
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Peak Number 20 unknown-03 Concentration Rank 54

| R.T.   | EstConc    | Area    | Relative to ISTD | R.T.   |
|--------|------------|---------|------------------|--------|
| 11.304 | 3.03 ng/ul | 5395880 | Naphthalene-d8   | 10.610 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm    | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|------------|--------------|------|
| 1    |    |   | Cyclohexane, isothiocyanato-        | 141 | C7H11NS    | 001122-82-3  | 43   |
| 2    |    |   | Cyclopentane, 1-hexyl-3-methyl-     | 168 | C12H24     | 061142-68-5  | 41   |
| 3    |    |   | Hexanoic acid, 3,5,5-trimethyl-,... | 340 | C22H44O2   | 1000406-26-5 | 40   |
| 4    |    |   | 2,6-Difluorobenzoic acid, 2-meth... | 214 | C11H12F2O2 | 1000293-47-5 | 37   |
| 5    |    |   | 4-Undecene, 5-methyl-               | 168 | C12H24     | 020634-43-9  | 27   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM093024\  
Data File : BM047717.D  
Acq On : 30 Sep 2024 14:37  
Operator : RC/JU  
Sample : P4018-08  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DDCB4

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

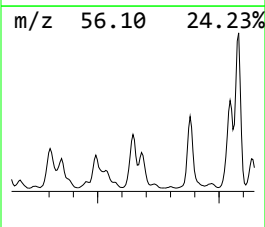
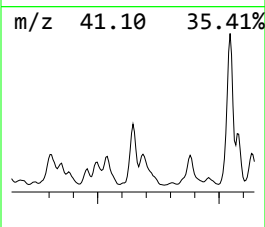
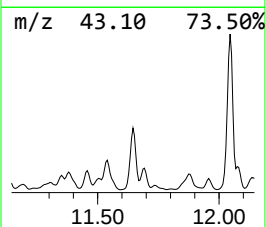
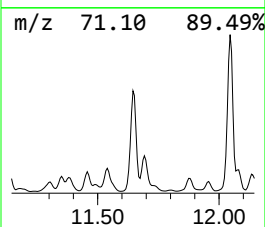
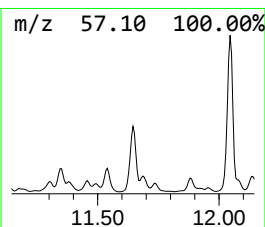
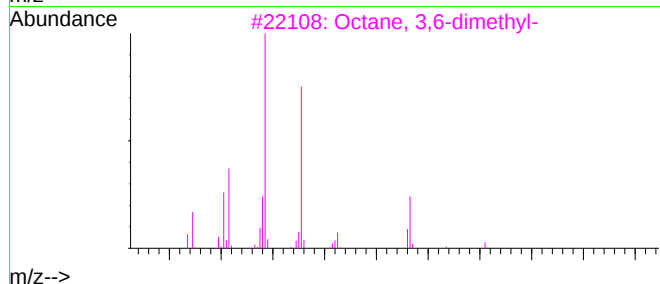
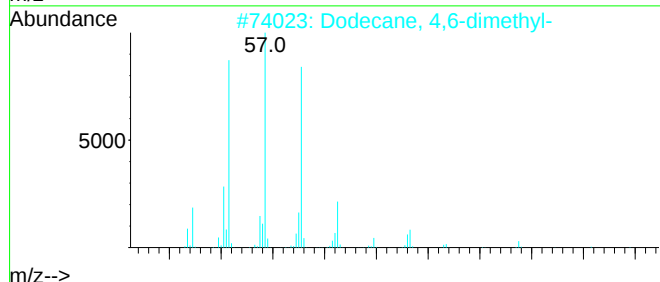
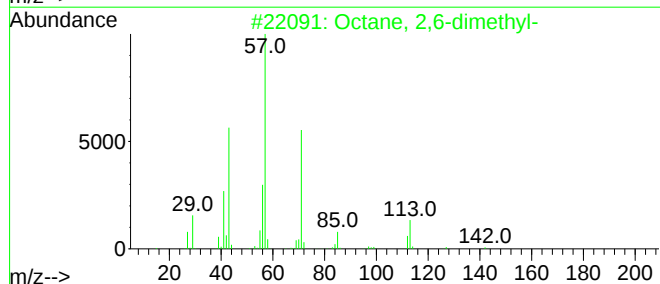
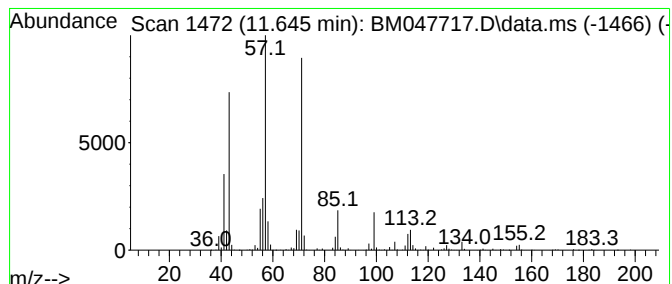
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Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 52

| R.T.   | EstConc    | Area    | Relative to ISTD | R.T.   |
|--------|------------|---------|------------------|--------|
| 11.645 | 4.40 ng/ul | 7823670 | Naphthalene-d8   | 10.610 |

| Hit# of 5 | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|-----------|----------------------------|-----|---------|-------------|------|
| 1         | Octane, 2,6-dimethyl-      | 142 | C10H22  | 002051-30-1 | 80   |
| 2         | Dodecane, 4,6-dimethyl-    | 198 | C14H30  | 061141-72-8 | 74   |
| 3         | Octane, 3,6-dimethyl-      | 142 | C10H22  | 015869-94-0 | 64   |
| 4         | Nonane, 2,6-dimethyl-      | 156 | C11H24  | 017302-28-2 | 64   |
| 5         | Heptane, 5-ethyl-2-methyl- | 142 | C10H22  | 013475-78-0 | 59   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM093024\  
Data File : BM047717.D  
Acq On : 30 Sep 2024 14:37  
Operator : RC/JU  
Sample : P4018-08  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DDCB4

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

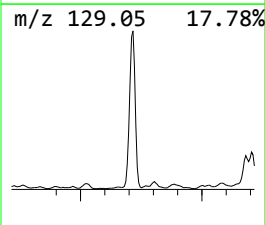
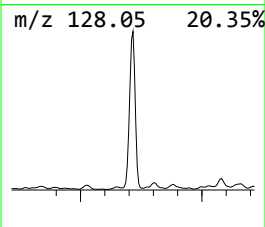
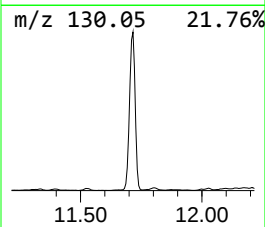
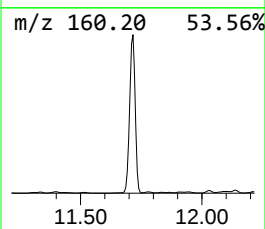
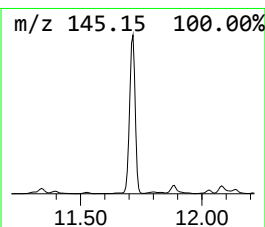
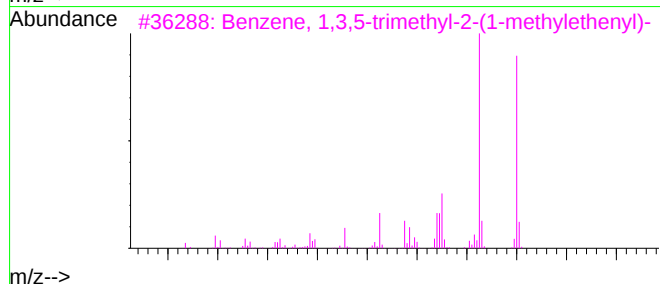
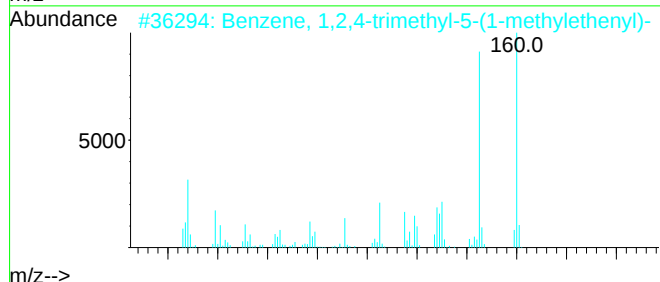
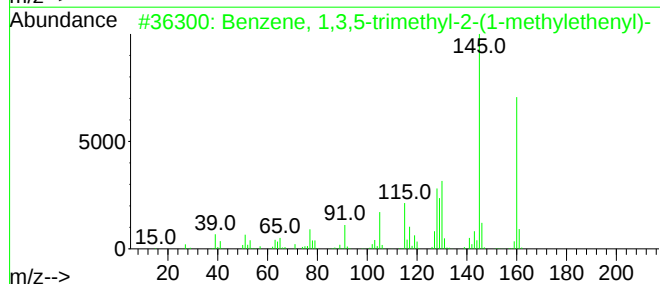
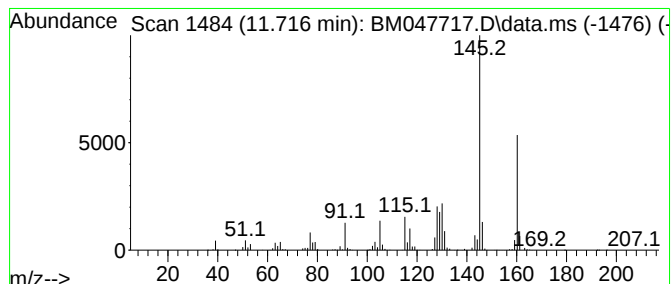
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Peak Number 22 Benzene, 1,3,5-trimethyl-2-... Concentration Rank 37

| R.T.   | EstConc    | Area     | Relative to ISTD | R.T.   |
|--------|------------|----------|------------------|--------|
| 11.716 | 9.29 ng/ul | 16520600 | Naphthalene-d8   | 10.610 |

| Hit# of 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|-----------|-------------------------------------|-----|---------|-------------|------|
| 1         | Benzene, 1,3,5-trimethyl-2-(1-me... | 160 | C12H16  | 014679-13-1 | 96   |
| 2         | Benzene, 1,2,4-trimethyl-5-(1-me... | 160 | C12H16  | 054340-84-0 | 94   |
| 3         | Benzene, 1,3,5-trimethyl-2-(1-me... | 160 | C12H16  | 014679-13-1 | 94   |
| 4         | Benzene, 1-(2-butenyl)-2,3-dimet... | 160 | C12H16  | 054340-85-1 | 94   |
| 5         | Benzene, 4-(2-butenyl)-1,2-dimet... | 160 | C12H16  | 054340-86-2 | 94   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM093024\  
Data File : BM047717.D  
Acq On : 30 Sep 2024 14:37  
Operator : RC/JU  
Sample : P4018-08  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DDCB4

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

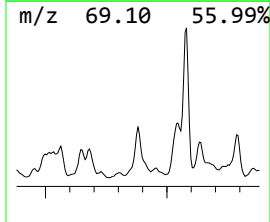
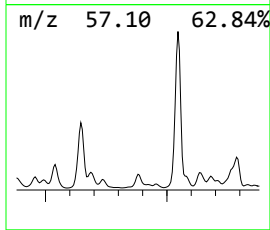
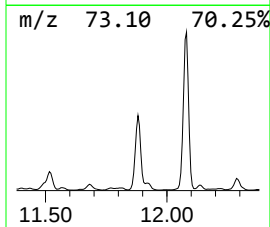
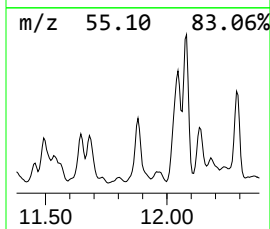
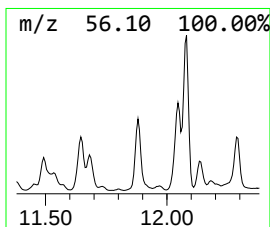
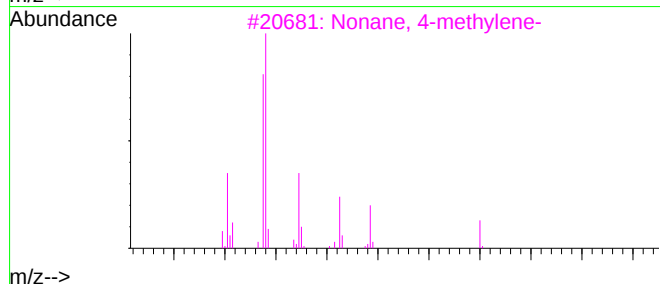
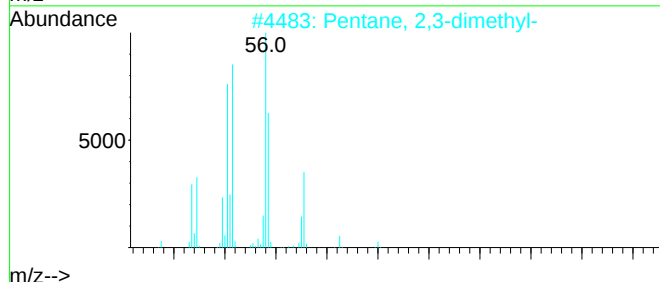
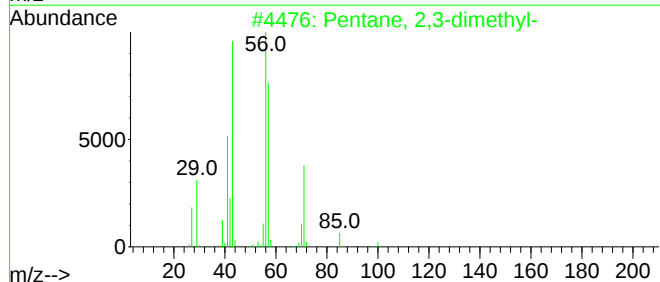
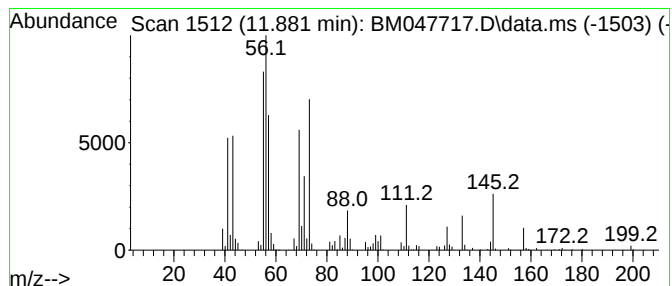
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Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 55

| R.T.   | EstConc    | Area    | Relative to ISTD | R.T.   |
|--------|------------|---------|------------------|--------|
| 11.881 | 2.48 ng/ul | 4414640 | Naphthalene-d8   | 10.610 |

| Hit# of 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|-----------|-------------------------------------|-----|---------|-------------|------|
| 1         | Pentane, 2,3-dimethyl-              | 100 | C7H16   | 000565-59-3 | 38   |
| 2         | Pentane, 2,3-dimethyl-              | 100 | C7H16   | 000565-59-3 | 35   |
| 3         | Nonane, 4-methylene-                | 140 | C10H20  | 033717-91-8 | 35   |
| 4         | Cyclopentane, (1,1-dimethylethyl)-  | 126 | C9H18   | 003875-52-3 | 35   |
| 5         | Oxirane, 2,3-bis(1-methylethyl)-... | 128 | C8H16O  | 054644-32-5 | 35   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM093024\  
Data File : BM047717.D  
Acq On : 30 Sep 2024 14:37  
Operator : RC/JU  
Sample : P4018-08  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DDCB4

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

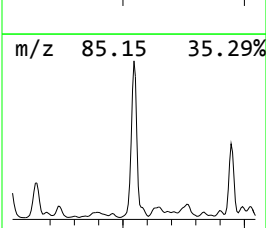
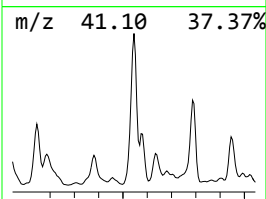
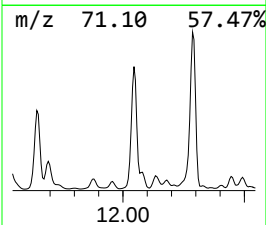
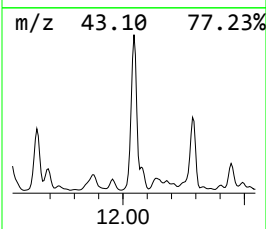
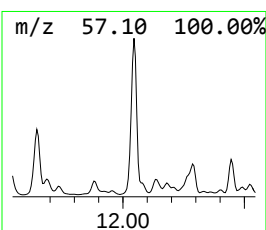
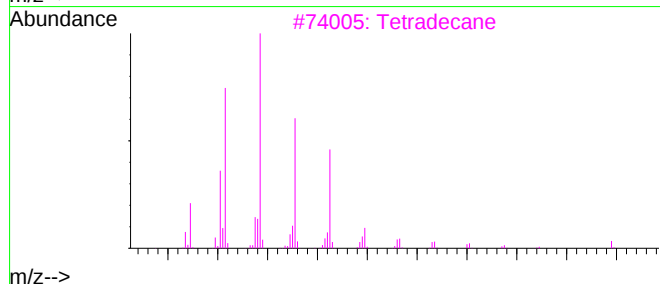
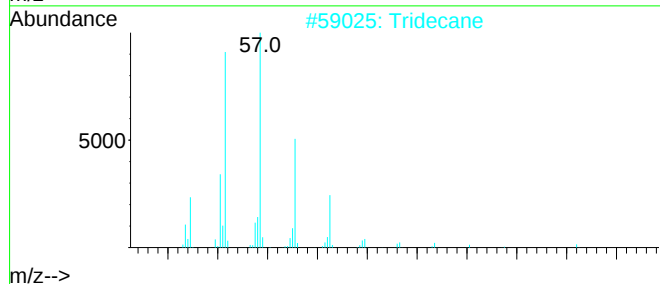
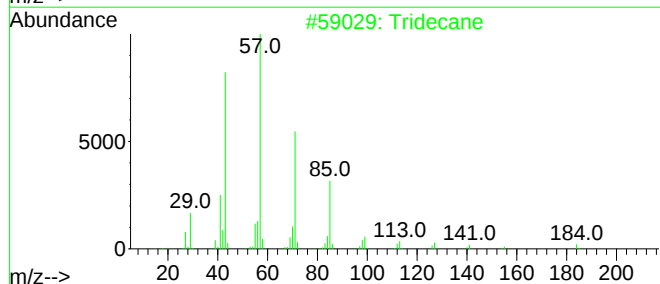
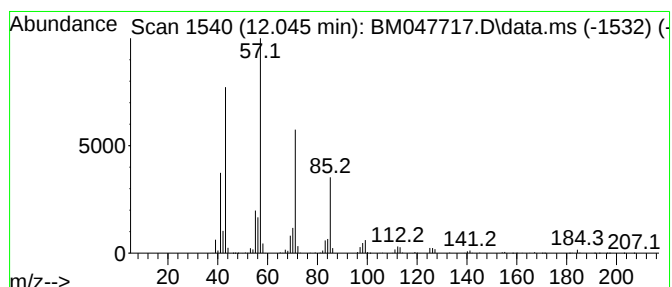
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Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 36

| R.T.   | EstConc     | Area     | Relative to ISTD | R.T.   |
|--------|-------------|----------|------------------|--------|
| 12.045 | 10.11 ng/ul | 17972700 | Naphthalene-d8   | 10.610 |

| Hit# of 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|-----------|--------------|-----|---------|-------------|------|
| 1         | Tridecane    | 184 | C13H28  | 000629-50-5 | 91   |
| 2         | Tridecane    | 184 | C13H28  | 000629-50-5 | 90   |
| 3         | Tetradecane  | 198 | C14H30  | 000629-59-4 | 90   |
| 4         | Hexadecane   | 226 | C16H34  | 000544-76-3 | 90   |
| 5         | Tetradecane  | 198 | C14H30  | 000629-59-4 | 86   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM093024\  
Data File : BM047717.D  
Acq On : 30 Sep 2024 14:37  
Operator : RC/JU  
Sample : P4018-08  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DDCB4

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

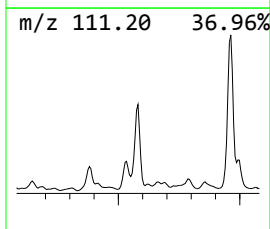
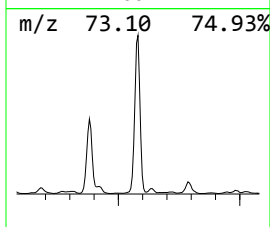
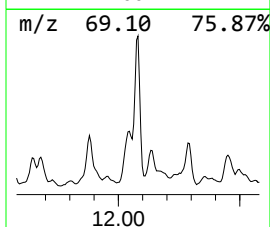
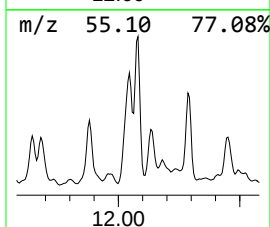
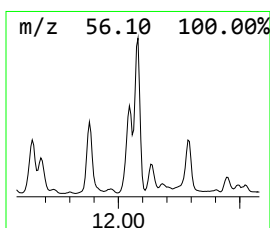
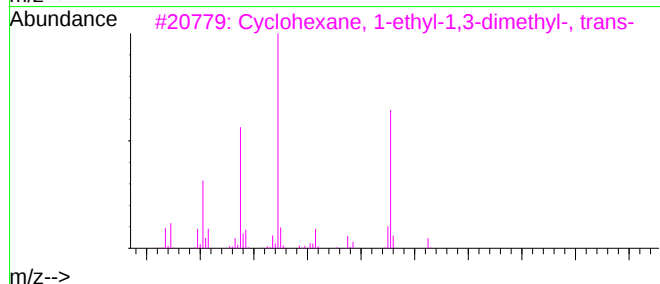
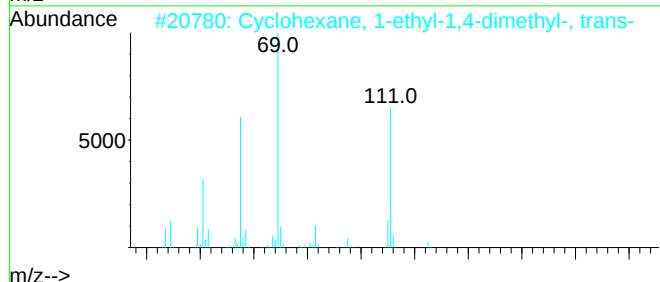
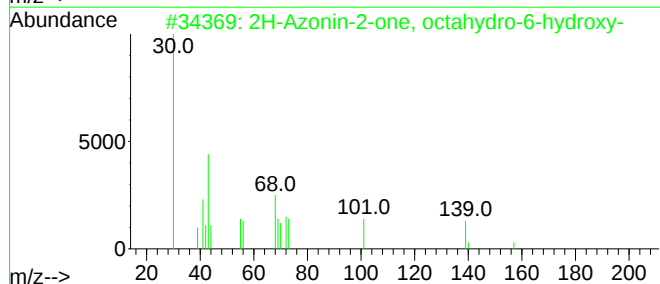
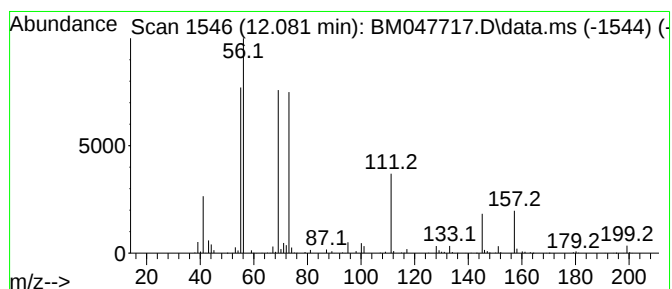
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TIC Integration Parameters: LSCINT.P

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Peak Number 25 unknown-04 Concentration Rank 56

| R.T.   | EstConc    | Area    | Relative to ISTD | R.T.   |
|--------|------------|---------|------------------|--------|
| 12.081 | 2.47 ng/ul | 4399270 | Naphthalene-d8   | 10.610 |

| Hit# of 5 | Tentative ID                        | MW  | MolForm     | CAS#         | Qual |
|-----------|-------------------------------------|-----|-------------|--------------|------|
| 1         | 2H-Azonin-2-one, octahydro-6-hyd... | 157 | C8H15N02    | 023435-07-6  | 39   |
| 2         | Cyclohexane, 1-ethyl-1,4-dimethy... | 140 | C10H20      | 062238-32-8  | 12   |
| 3         | Cyclohexane, 1-ethyl-1,3-dimethy... | 140 | C10H20      | 062238-29-3  | 12   |
| 4         | Cyclobutane, 1,2,3,4-tetramethyl-   | 112 | C8H16       | 069531-57-3  | 10   |
| 5         | Butanoic acid, 4-(acetylamino)-2... | 232 | C9H20N2O3Si | 1000506-81-1 | 10   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM093024\  
Data File : BM047717.D  
Acq On : 30 Sep 2024 14:37  
Operator : RC/JU  
Sample : P4018-08  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DDCB4

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

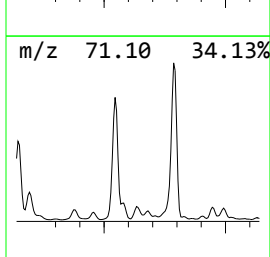
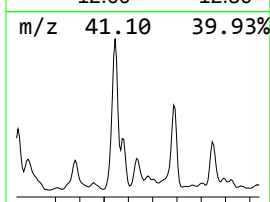
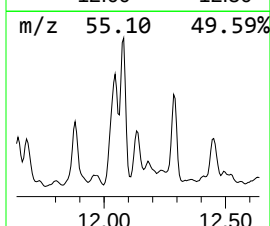
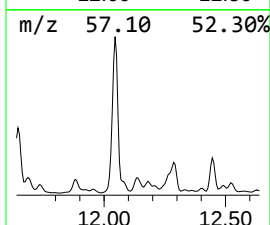
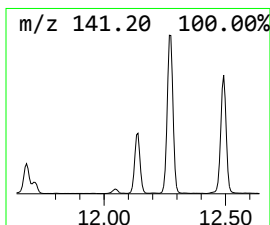
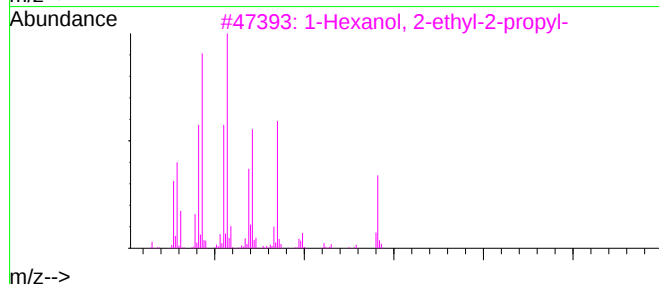
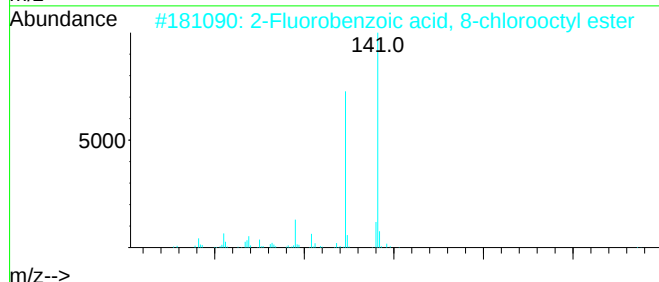
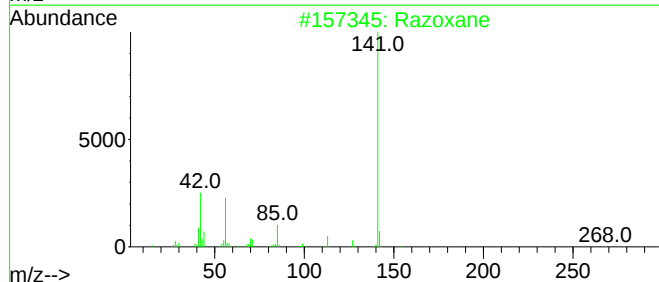
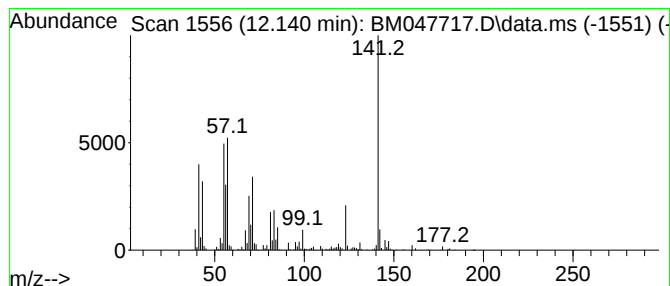
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Peak Number 26 Razoxane Concentration Rank 58

| R.T.   | EstConc    | Area    | Relative to ISTD | R.T.   |
|--------|------------|---------|------------------|--------|
| 12.140 | 2.39 ng/ul | 4257310 | Naphthalene-d8   | 10.610 |

| Hit# of 5 | Tentative ID                        | MW  | MolForm     | CAS#         | Qual |
|-----------|-------------------------------------|-----|-------------|--------------|------|
| 1         | Razoxane                            | 268 | C11H16N4O4  | 021416-67-1  | 50   |
| 2         | 2-Fluorobenzoic acid, 8-chlorooc... | 286 | C15H20ClF02 | 1000354-70-7 | 47   |
| 3         | 1-Hexanol, 2-ethyl-2-propyl-        | 172 | C11H24O     | 054461-00-6  | 40   |
| 4         | 1-(1-Butoxypropan-2-yloxy)propan... | 272 | C15H28O4    | 1000367-11-0 | 38   |
| 5         | 2,6-Difluorobenzoic acid, 4-meth... | 242 | C13H16F2O2  | 1000293-47-8 | 38   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM093024\  
Data File : BM047717.D  
Acq On : 30 Sep 2024 14:37  
Operator : RC/JU  
Sample : P4018-08  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DDCB4

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

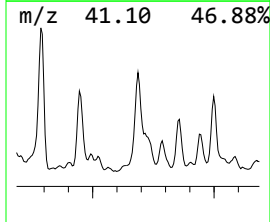
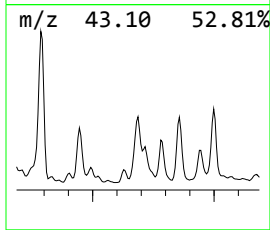
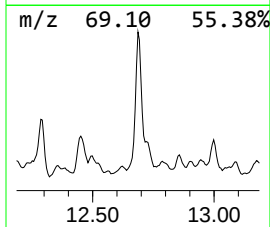
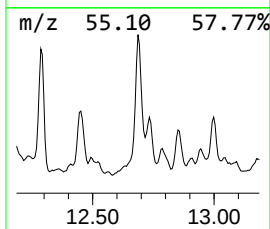
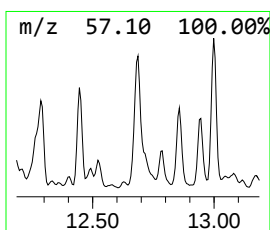
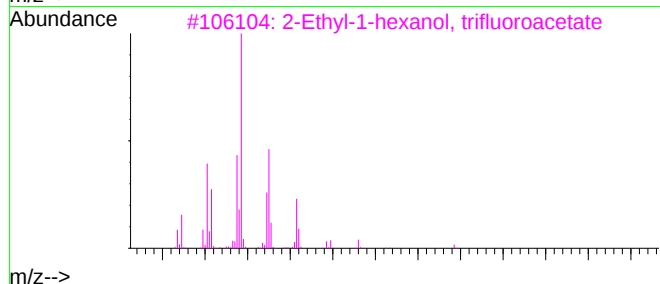
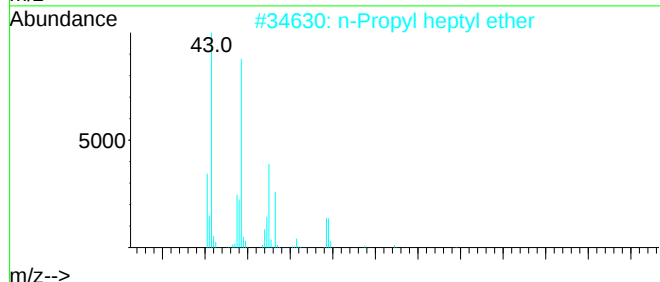
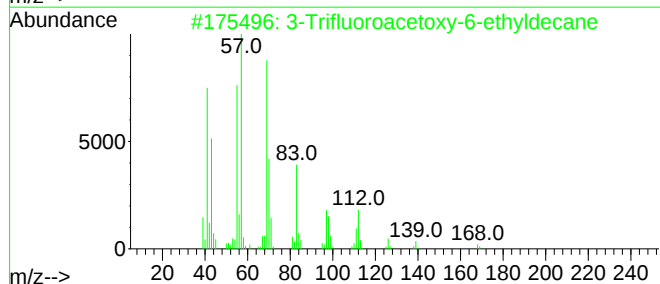
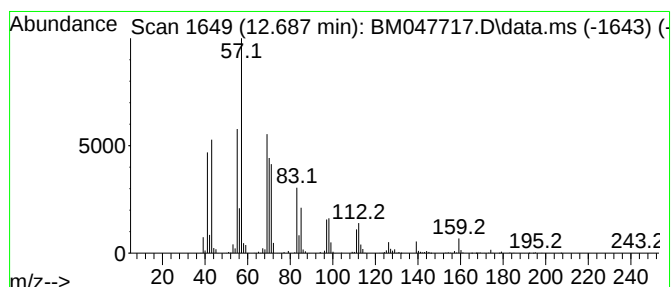
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

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Peak Number 27 unknown-05 Concentration Rank 8

| R.T.   | EstConc     | Area    | Relative to ISTD | R.T.   |
|--------|-------------|---------|------------------|--------|
| 12.687 | 31.41 ng/ul | 9470880 | Acenaphthene-d10 | 14.451 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm    | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|------------|-------------|------|
| 1    |    |   | 3-Trifluoroacetoxy-6-ethyldecane    | 282 | C14H25F3O2 | 116436-59-0 | 46   |
| 2    |    |   | n-Propyl heptyl ether               | 158 | C10H22O    | 071112-89-5 | 43   |
| 3    |    |   | 2-Ethyl-1-hexanol, trifluoroacetate | 226 | C10H17F3O2 | 053800-08-1 | 43   |
| 4    |    |   | Nonane, 3,7-dimethyl-               | 156 | C11H24     | 017302-32-8 | 38   |
| 5    |    |   | Undecane                            | 156 | C11H24     | 001120-21-4 | 38   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM093024\  
Data File : BM047717.D  
Acq On : 30 Sep 2024 14:37  
Operator : RC/JU  
Sample : P4018-08  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DDCB4

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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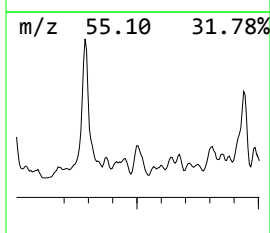
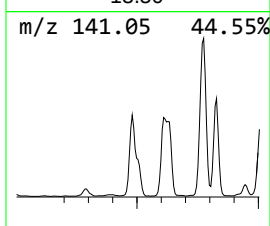
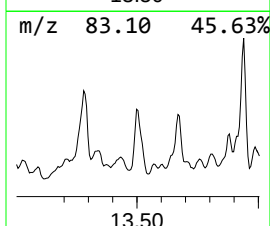
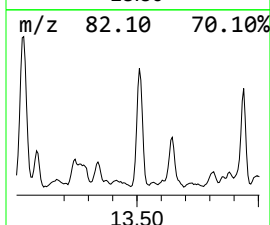
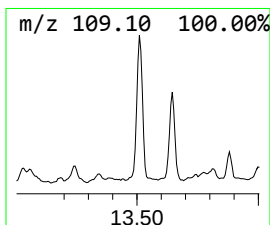
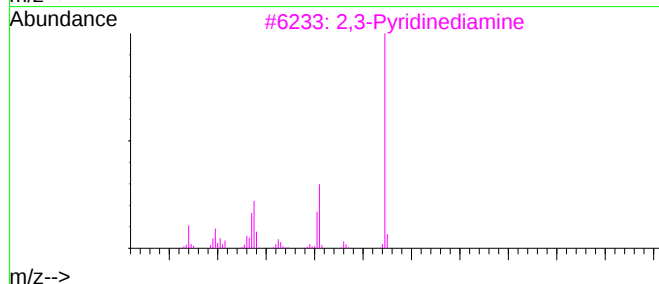
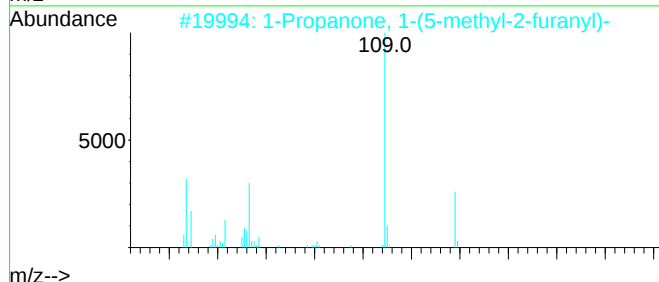
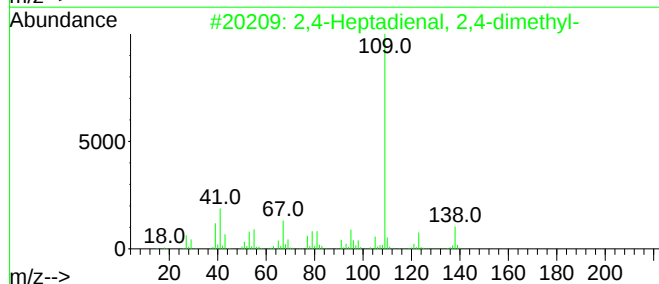
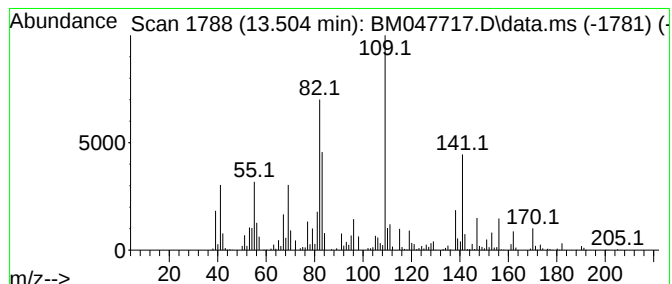
Peak Number 28 unknown-06

Concentration Rank 26

| R.T.   | EstConc     | Area    | Relative to ISTD | R.T.   |
|--------|-------------|---------|------------------|--------|
| 13.504 | 15.72 ng/ul | 4738450 | Acenaphthene-d10 | 14.451 |

| Hit# | of                                  | 5   | Tentative ID | MW          | MolForm | CAS# | Qual |
|------|-------------------------------------|-----|--------------|-------------|---------|------|------|
| 1    | 2,4-Heptadienal, 2,4-dimethyl-      | 138 | C9H14O       | 042452-48-2 | 25      |      |      |
| 2    | 1-Propanone, 1-(5-methyl-2-furan... | 138 | C8H10O2      | 010599-69-6 | 25      |      |      |
| 3    | 2,3-Pyridinediamine                 | 109 | C5H7N3       | 000452-58-4 | 22      |      |      |
| 4    | Cyclopentane, (2-methylbutylidene)- | 138 | C10H18       | 053366-54-4 | 22      |      |      |
| 5    | Pyridine-2,4-diamine                | 109 | C5H7N3       | 000461-88-1 | 22      |      |      |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM093024\  
Data File : BM047717.D  
Acq On : 30 Sep 2024 14:37  
Operator : RC/JU  
Sample : P4018-08  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DDCB4

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

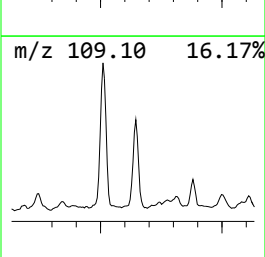
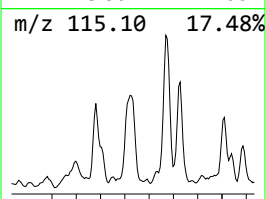
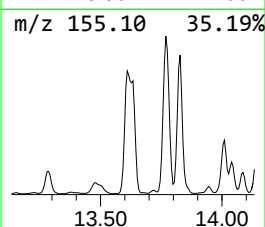
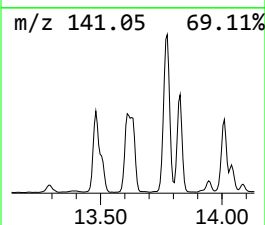
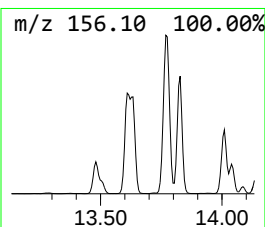
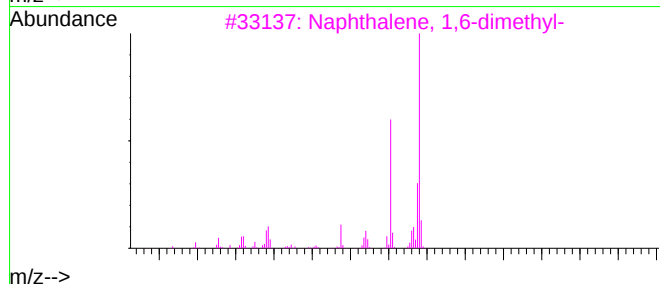
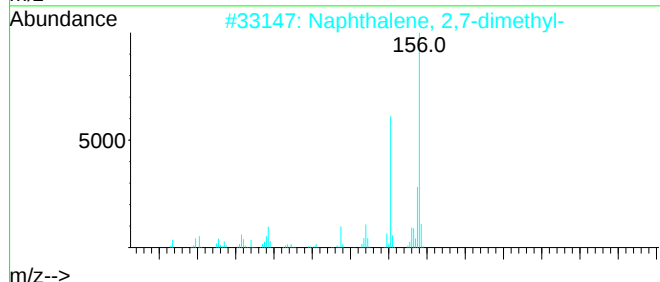
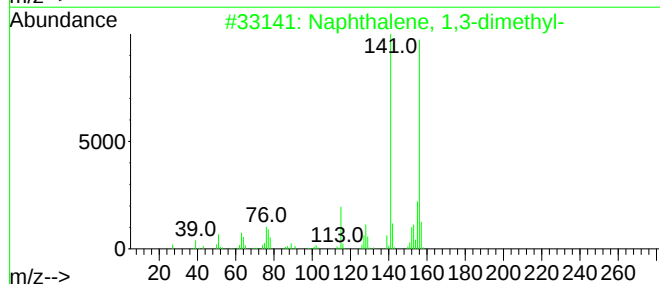
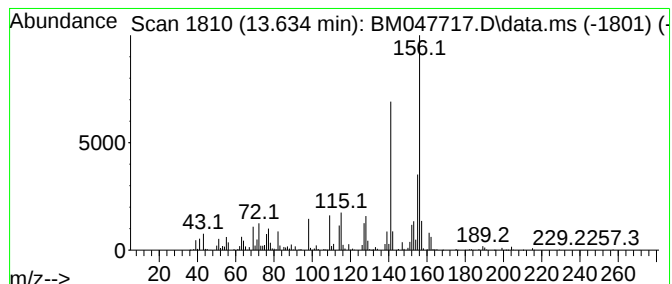
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

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Peak Number 29 Naphthalene, 1,3-dimethyl- Concentration Rank 11

| R.T.      | EstConc                    | Area    | Relative to ISTD |         | R.T.        |      |
|-----------|----------------------------|---------|------------------|---------|-------------|------|
| 13.634    | 22.96 ng/ul                | 6922370 | Acenaphthene-d10 |         | 14.451      |      |
| Hit# of 5 | Tentative ID               |         | MW               | MolForm | CAS#        | Qual |
| 1         | Naphthalene, 1,3-dimethyl- |         | 156              | C12H12  | 000575-41-7 | 96   |
| 2         | Naphthalene, 2,7-dimethyl- |         | 156              | C12H12  | 000582-16-1 | 96   |
| 3         | Naphthalene, 1,6-dimethyl- |         | 156              | C12H12  | 000575-43-9 | 95   |
| 4         | Naphthalene, 1,4-dimethyl- |         | 156              | C12H12  | 000571-58-4 | 95   |
| 5         | Naphthalene, 1,7-dimethyl- |         | 156              | C12H12  | 000575-37-1 | 95   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM093024\  
Data File : BM047717.D  
Acq On : 30 Sep 2024 14:37  
Operator : RC/JU  
Sample : P4018-08  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DDCB4

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

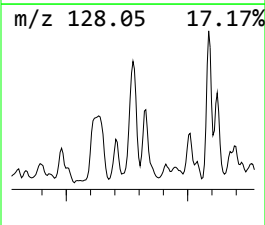
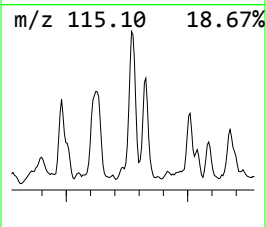
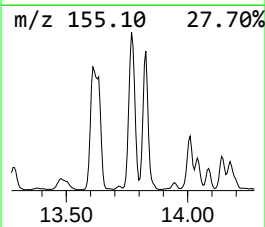
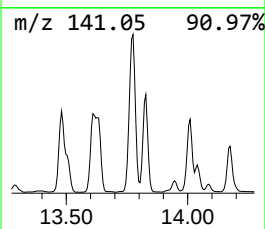
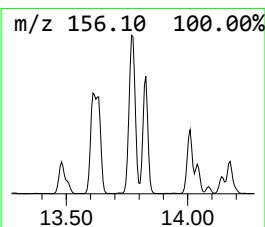
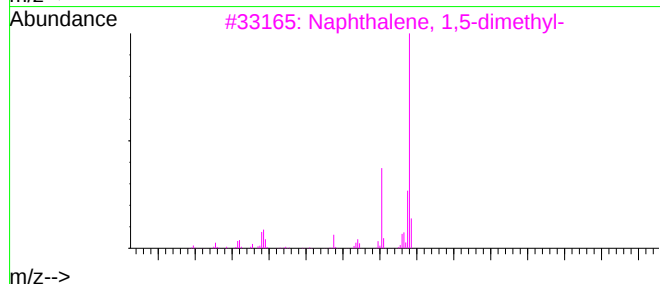
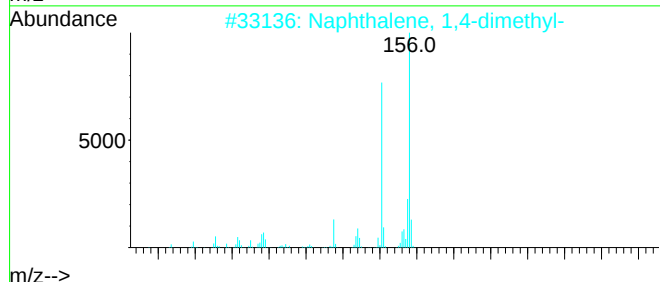
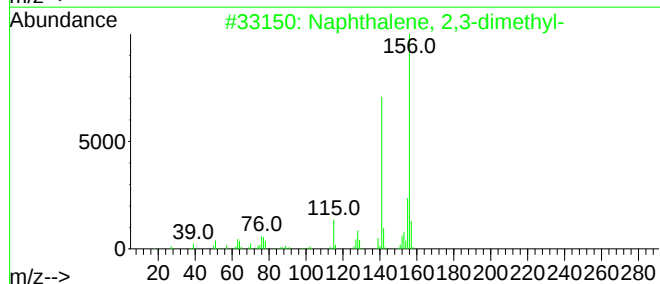
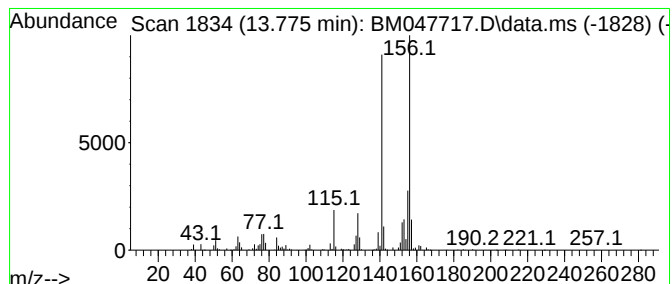
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

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Peak Number 30 Naphthalene, 2,3-dimethyl- Concentration Rank 17

| R.T.      | EstConc                    | Area    | Relative to ISTD | R.T.        |      |
|-----------|----------------------------|---------|------------------|-------------|------|
| 13.775    | 18.83 ng/ul                | 5677780 | Acenaphthene-d10 | 14.451      |      |
| Hit# of 5 | Tentative ID               | MW      | MolForm          | CAS#        | Qual |
| 1         | Naphthalene, 2,3-dimethyl- | 156     | C12H12           | 000581-40-8 | 97   |
| 2         | Naphthalene, 1,4-dimethyl- | 156     | C12H12           | 000571-58-4 | 97   |
| 3         | Naphthalene, 1,5-dimethyl- | 156     | C12H12           | 000571-61-9 | 97   |
| 4         | Naphthalene, 1,4-dimethyl- | 156     | C12H12           | 000571-58-4 | 97   |
| 5         | Naphthalene, 1,3-dimethyl- | 156     | C12H12           | 000575-41-7 | 96   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM093024\  
Data File : BM047717.D  
Acq On : 30 Sep 2024 14:37  
Operator : RC/JU  
Sample : P4018-08  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DDCB4

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

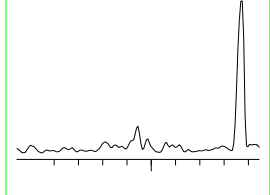
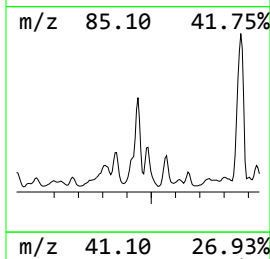
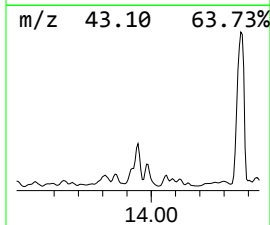
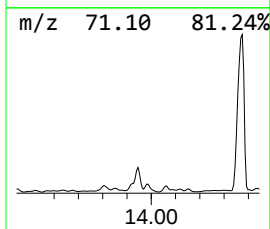
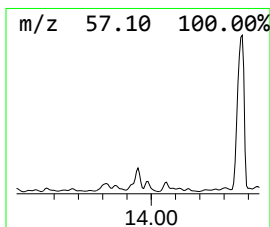
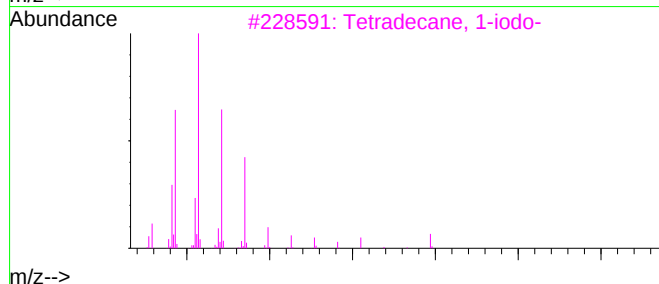
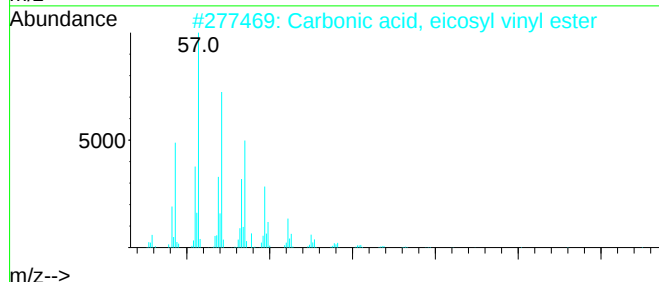
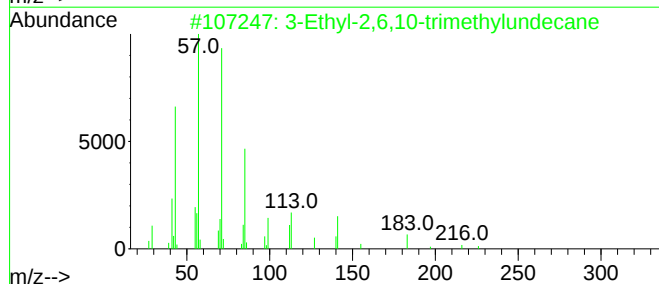
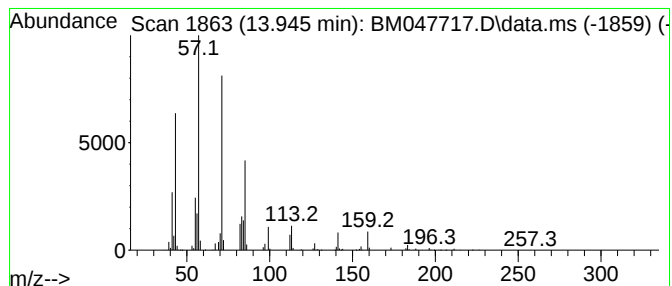
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Peak Number 31 3-Ethyl-2,6,10-trimethylund... Concentration Rank 21

| R.T.   | EstConc     | Area    | Relative to ISTD | R.T.   |
|--------|-------------|---------|------------------|--------|
| 13.945 | 16.72 ng/ul | 5041730 | Acenaphthene-d10 | 14.451 |

| Hit# of 5 | Tentative ID                       | MW  | MolForm  | CAS#         | Qual |
|-----------|------------------------------------|-----|----------|--------------|------|
| 1         | 3-Ethyl-2,6,10-trimethylundecane   | 226 | C16H34   | 1000432-25-9 | 94   |
| 2         | Carbonic acid, eicosyl vinyl ester | 368 | C23H44O3 | 1000382-54-3 | 83   |
| 3         | Tetradecane, 1-iodo-               | 324 | C14H29I  | 019218-94-1  | 72   |
| 4         | Tridecane, 5-propyl-               | 226 | C16H34   | 055045-11-9  | 64   |
| 5         | 1-Iodo-2-methylnonane              | 268 | C10H21I  | 1000101-47-9 | 64   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM093024\  
Data File : BM047717.D  
Acq On : 30 Sep 2024 14:37  
Operator : RC/JU  
Sample : P4018-08  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DDCB4

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

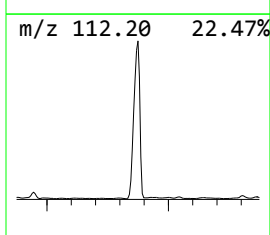
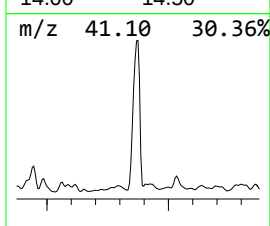
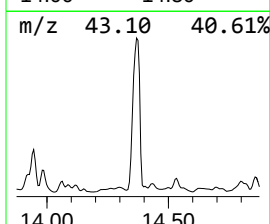
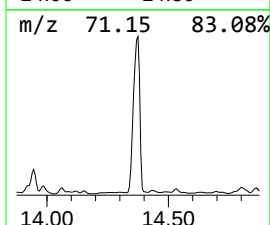
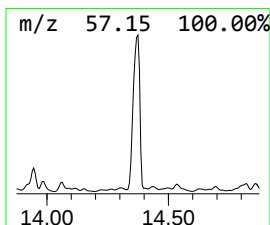
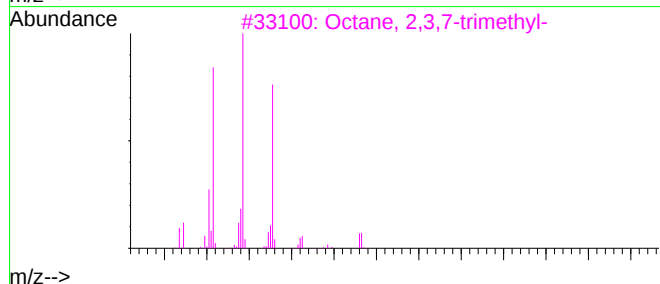
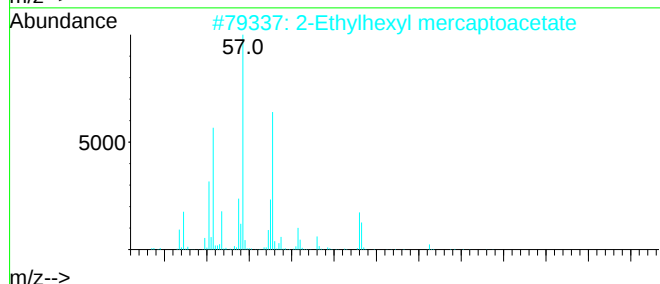
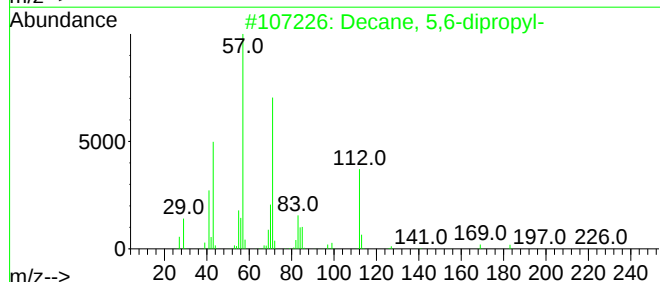
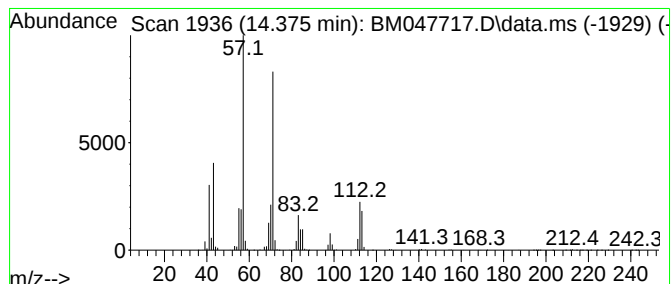
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Peak Number 32 (DEL) Alkane: Straight-Chai... Concentration Rank 1

| R.T.   | EstConc      | Area     | Relative to ISTD | R.T.   |
|--------|--------------|----------|------------------|--------|
| 14.375 | 132.75 ng/ul | 40024500 | Acenaphthene-d10 | 14.451 |

| Hit# of 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|-----------|-------------------------------------|-----|-----------|--------------|------|
| 1         | Decane, 5,6-dipropyl-               | 226 | C16H34    | 119209-20-0  | 72   |
| 2         | 2-Ethylhexyl mercaptoacetate        | 204 | C10H20O2S | 007659-86-1  | 72   |
| 3         | Octane, 2,3,7-trimethyl-            | 156 | C11H24    | 062016-34-6  | 64   |
| 4         | Oxalic acid, 2-ethylhexyl octyl ... | 314 | C18H34O4  | 1000309-39-1 | 59   |
| 5         | 2-Undecene, 5-methyl-               | 168 | C12H24    | 056851-34-4  | 59   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM093024\  
Data File : BM047717.D  
Acq On : 30 Sep 2024 14:37  
Operator : RC/JU  
Sample : P4018-08  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DDCB4

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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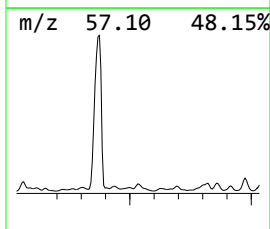
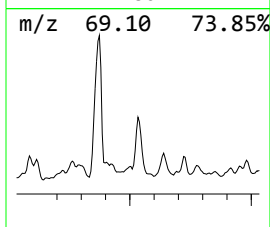
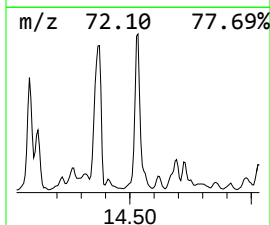
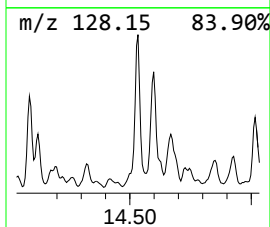
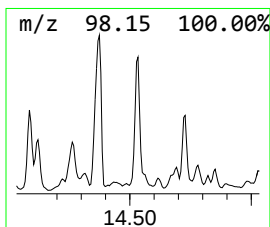
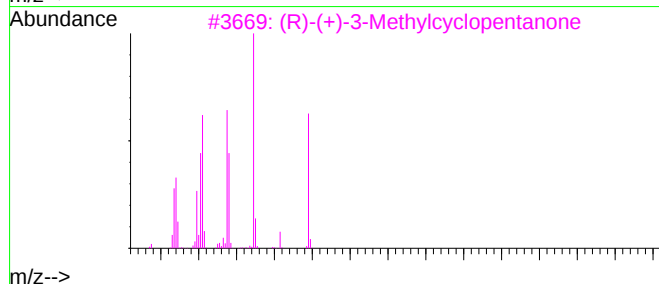
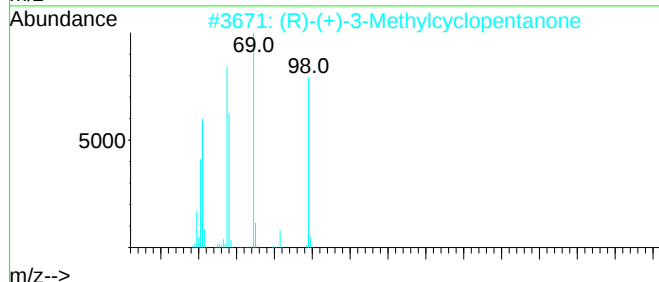
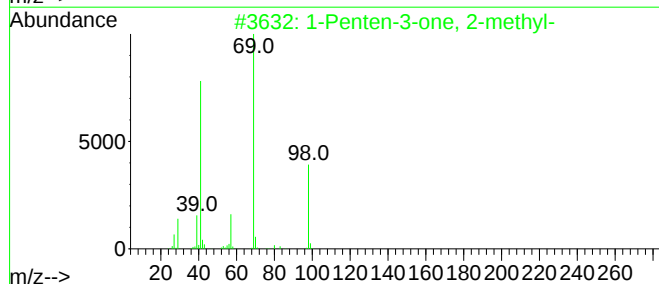
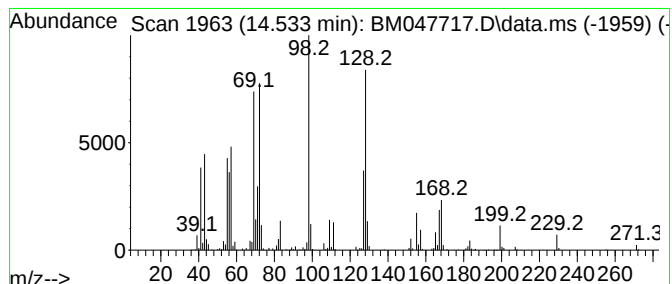
Peak Number 33 unknown-07

Concentration Rank 34

| R.T.   | EstConc     | Area    | Relative to ISTD | R.T.   |
|--------|-------------|---------|------------------|--------|
| 14.534 | 11.56 ng/ul | 3486000 | Acenaphthene-d10 | 14.451 |

| Hit# of 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|-----------|-------------------------------------|-----|----------|--------------|------|
| 1         | 1-Penten-3-one, 2-methyl-           | 98  | C6H10O   | 025044-01-3  | 30   |
| 2         | (R)-(+)-3-Methylcyclopentanone      | 98  | C6H10O   | 006672-30-6  | 27   |
| 3         | (R)-(+)-3-Methylcyclopentanone      | 98  | C6H10O   | 006672-30-6  | 27   |
| 4         | Cyclopentanone, 3-methyl-           | 98  | C6H10O   | 001757-42-2  | 14   |
| 5         | 2-[(Cyclopropylmethyl)amino]acet... | 157 | C8H15NO2 | 1179739-13-9 | 11   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM093024\  
Data File : BM047717.D  
Acq On : 30 Sep 2024 14:37  
Operator : RC/JU  
Sample : P4018-08  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DDCB4

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

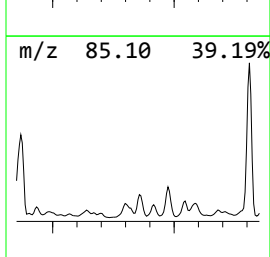
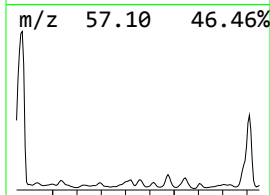
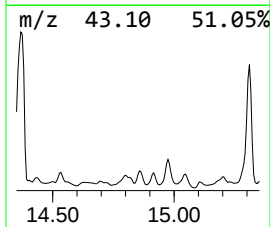
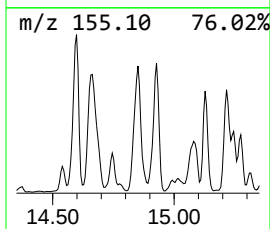
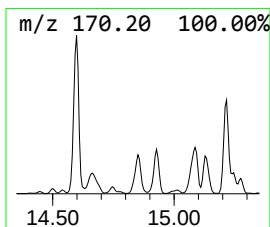
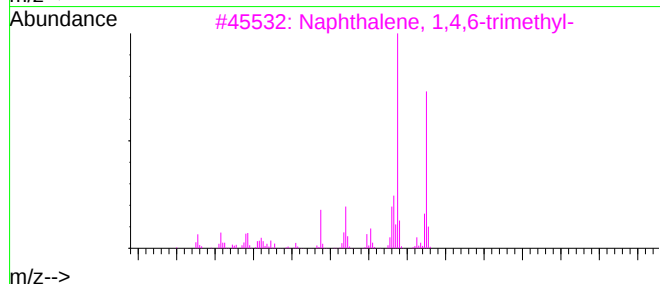
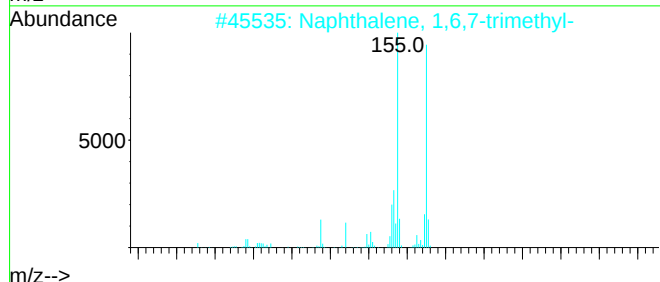
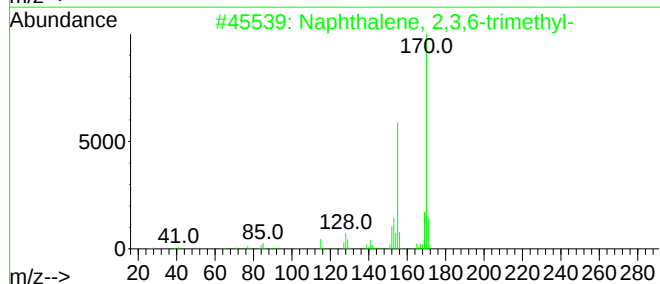
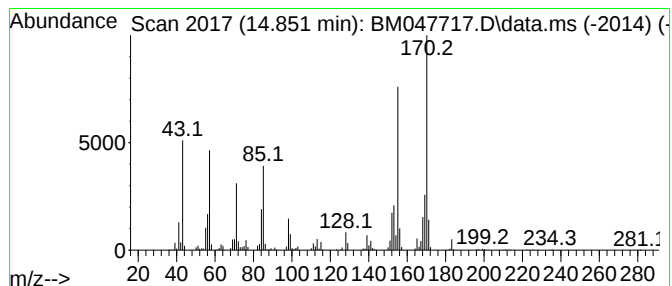
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Peak Number 34 Naphthalene, 2,3,6-trimethyl- Concentration Rank 30

| R.T.   | EstConc     | Area    | Relative to ISTD | R.T.   |
|--------|-------------|---------|------------------|--------|
| 14.851 | 12.61 ng/ul | 3802540 | Acenaphthene-d10 | 14.451 |

| Hit# of 5 | Tentative ID                  | MW  | MolForm | CAS#        | Qual |
|-----------|-------------------------------|-----|---------|-------------|------|
| 1         | Naphthalene, 2,3,6-trimethyl- | 170 | C13H14  | 000829-26-5 | 89   |
| 2         | Naphthalene, 1,6,7-trimethyl- | 170 | C13H14  | 002245-38-7 | 86   |
| 3         | Naphthalene, 1,4,6-trimethyl- | 170 | C13H14  | 002131-42-2 | 76   |
| 4         | Naphthalene, 1,6,7-trimethyl- | 170 | C13H14  | 002245-38-7 | 74   |
| 5         | Naphthalene, 1,4,6-trimethyl- | 170 | C13H14  | 002131-42-2 | 70   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM093024\  
Data File : BM047717.D  
Acq On : 30 Sep 2024 14:37  
Operator : RC/JU  
Sample : P4018-08  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DDCB4

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

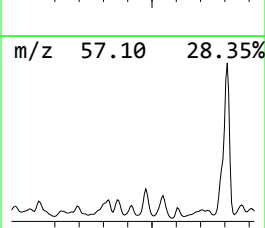
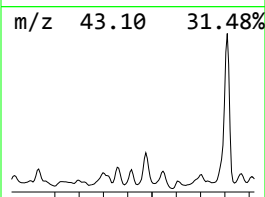
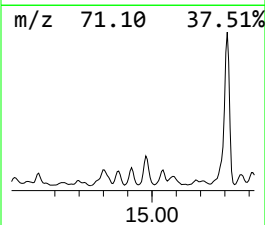
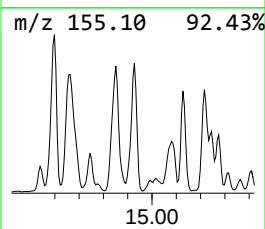
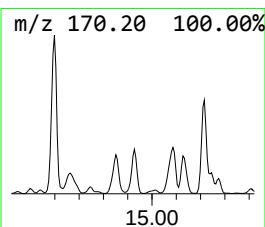
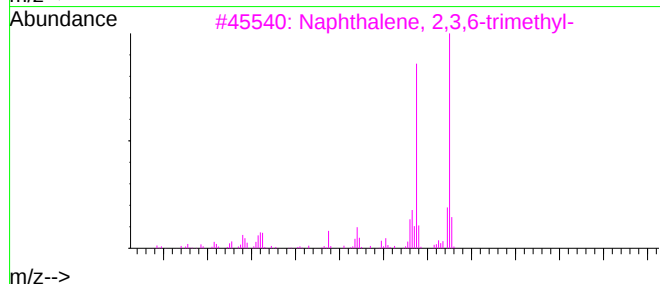
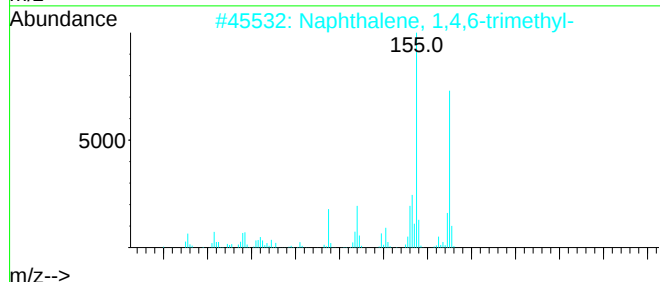
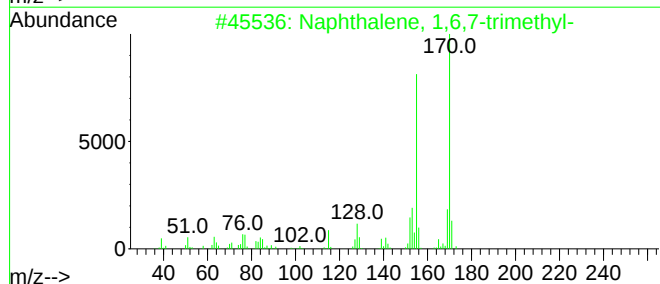
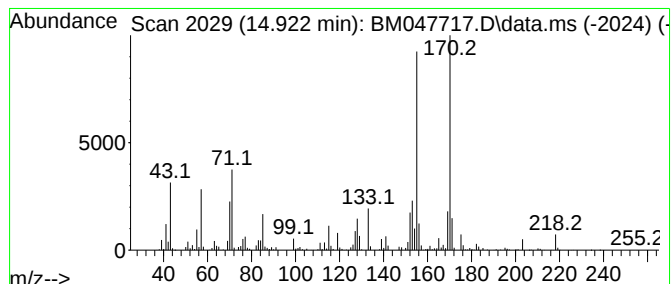
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Peak Number 35 Naphthalene, 1,6,7-trimethyl- Concentration Rank 32

| R.T.   | EstConc     | Area    | Relative to ISTD | R.T.   |
|--------|-------------|---------|------------------|--------|
| 14.922 | 11.84 ng/ul | 3570750 | Acenaphthene-d10 | 14.451 |

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



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM093024\  
Data File : BM047717.D  
Acq On : 30 Sep 2024 14:37  
Operator : RC/JU  
Sample : P4018-08  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DDCB4

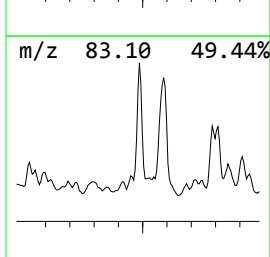
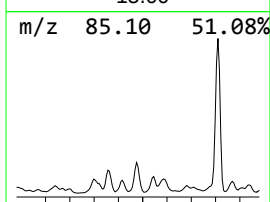
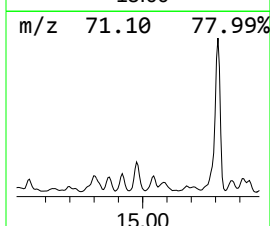
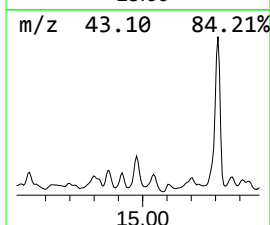
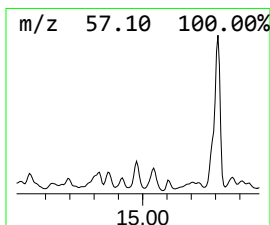
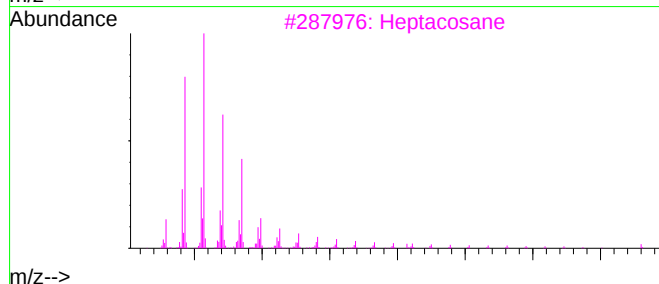
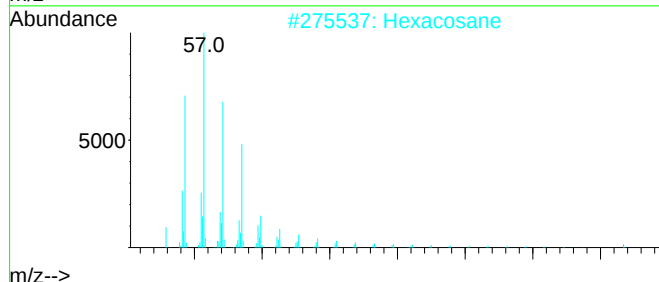
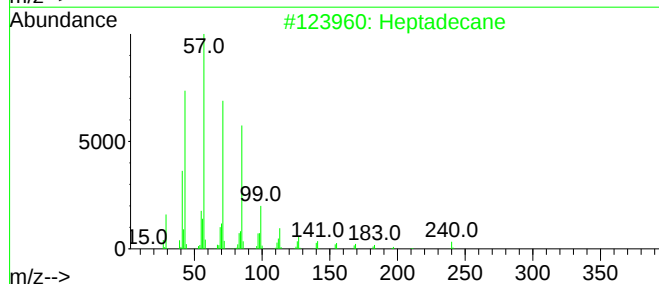
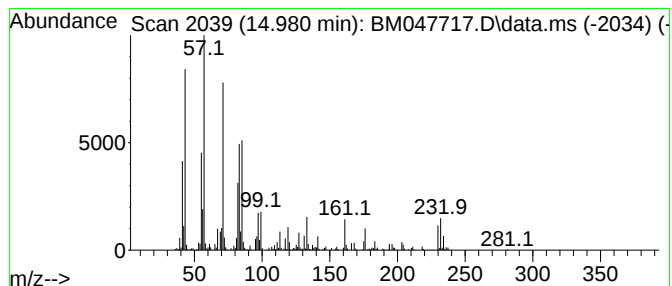
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Quant Title : SVOA CALIBRATION

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

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Peak Number 36 (DEL) Alkane: Straight-Chai... Concentration Rank 27

| R.T.      | EstConc                     | Area    | Relative to ISTD | R.T.        |      |
|-----------|-----------------------------|---------|------------------|-------------|------|
| 14.980    | 14.69 ng/ul                 | 4428720 | Acenaphthene-d10 | 14.451      |      |
| Hit# of 5 | Tentative ID                | MW      | MolForm          | CAS#        | Qual |
| 1         | Heptadecane                 | 240     | C17H36           | 000629-78-7 | 50   |
| 2         | Hexacosane                  | 366     | C26H54           | 000630-01-3 | 46   |
| 3         | Heptacosane                 | 380     | C27H56           | 000593-49-7 | 46   |
| 4         | Dodecane, 2,6,11-trimethyl- | 212     | C15H32           | 031295-56-4 | 46   |
| 5         | Dodecane, 2,6,11-trimethyl- | 212     | C15H32           | 031295-56-4 | 46   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM093024\  
Data File : BM047717.D  
Acq On : 30 Sep 2024 14:37  
Operator : RC/JU  
Sample : P4018-08  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DDCB4

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

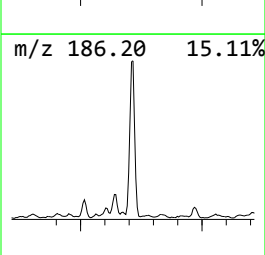
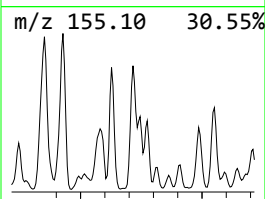
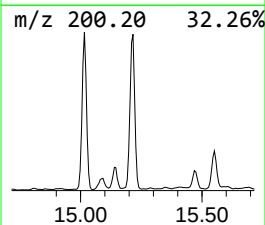
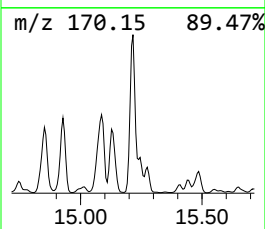
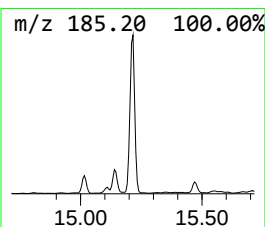
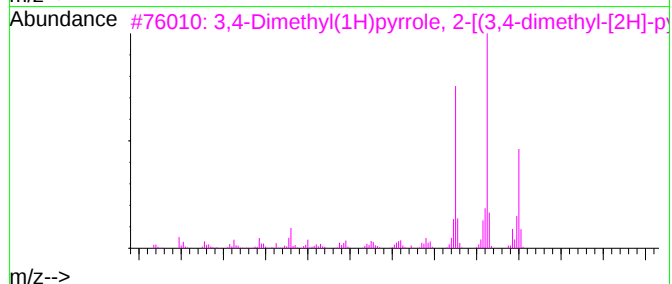
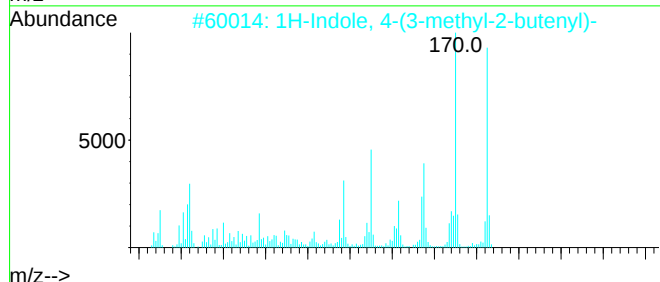
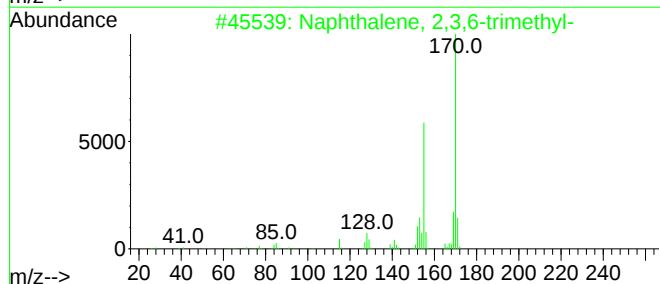
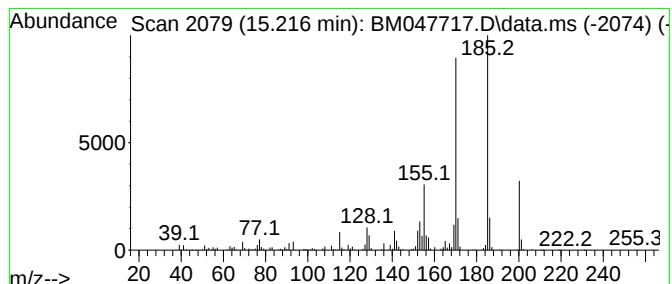
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

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Peak Number 37 1H-Indole, 4-(3-methyl-2-bu... Concentration Rank 9

| R.T.      | EstConc                             | Area    | Relative to ISTD | R.T.        |      |
|-----------|-------------------------------------|---------|------------------|-------------|------|
| 15.216    | 29.69 ng/ul                         | 8951250 | Acenaphthene-d10 | 14.451      |      |
| Hit# of 5 | Tentative ID                        | MW      | MolForm          | CAS#        | Qual |
| 1         | Naphthalene, 2,3,6-trimethyl-       | 170     | C13H14           | 000829-26-5 | 90   |
| 2         | 1H-Indole, 4-(3-methyl-2-butenyl)-  | 185     | C13H15N          | 032962-25-7 | 80   |
| 3         | 3,4-Dimethyl(1H)pyrrole, 2-[(3,4... | 200     | C13H16N2         | 065539-79-9 | 72   |
| 4         | Naphthalene, 1,6,7-trimethyl-       | 170     | C13H14           | 002245-38-7 | 70   |
| 5         | Naphthalene, 1,4,6-trimethyl-       | 170     | C13H14           | 002131-42-2 | 55   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM093024\  
Data File : BM047717.D  
Acq On : 30 Sep 2024 14:37  
Operator : RC/JU  
Sample : P4018-08  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DDCB4

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

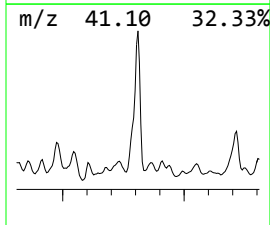
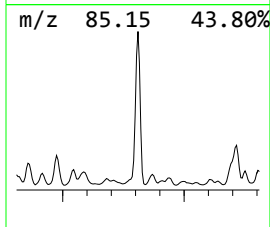
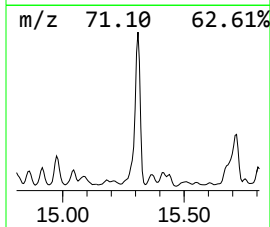
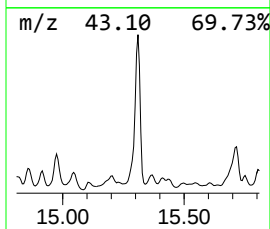
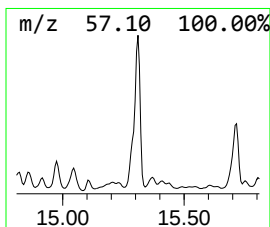
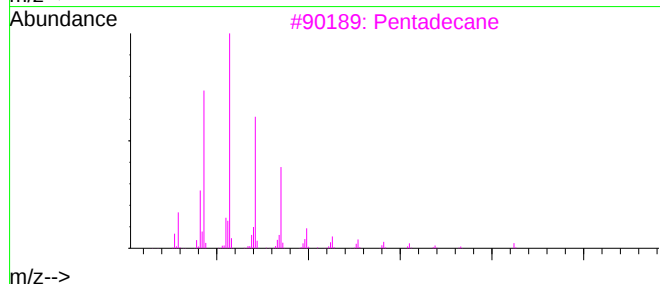
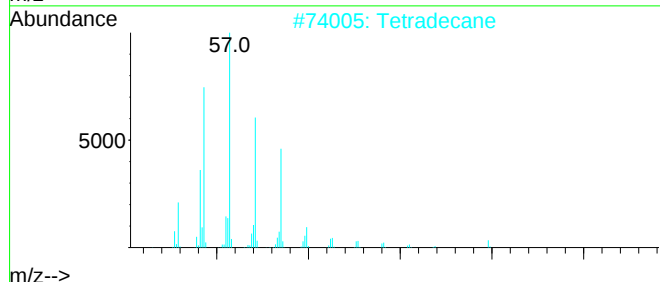
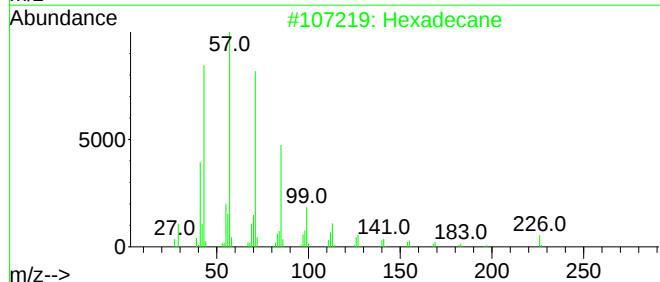
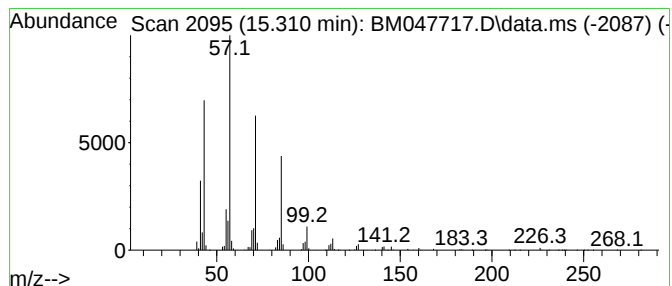
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Peak Number 38 (DEL) Alkane: Straight-Chai... Concentration Rank 3

| R.T.   | EstConc     | Area     | Relative to ISTD | R.T.   |
|--------|-------------|----------|------------------|--------|
| 15.310 | 58.99 ng/ul | 17786000 | Acenaphthene-d10 | 14.451 |

| Hit# of 5 | Tentative ID                 | MW  | MolForm | CAS#        | Qual |
|-----------|------------------------------|-----|---------|-------------|------|
| 1         | Hexadecane                   | 226 | C16H34  | 000544-76-3 | 95   |
| 2         | Tetradecane                  | 198 | C14H30  | 000629-59-4 | 87   |
| 3         | Pentadecane                  | 212 | C15H32  | 000629-62-9 | 86   |
| 4         | Nonadecane                   | 268 | C19H40  | 000629-92-5 | 80   |
| 5         | Dodecane, 2-methyl-6-propyl- | 226 | C16H34  | 055045-08-4 | 80   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM093024\  
Data File : BM047717.D  
Acq On : 30 Sep 2024 14:37  
Operator : RC/JU  
Sample : P4018-08  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DDCB4

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

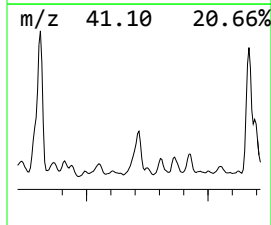
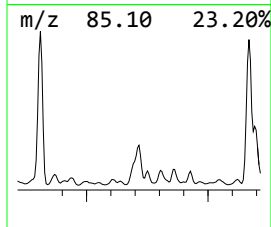
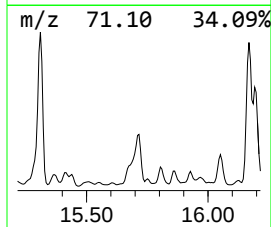
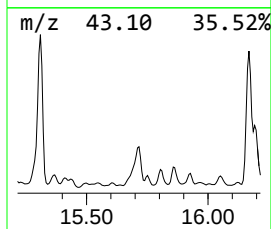
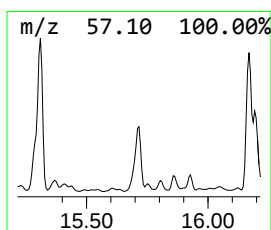
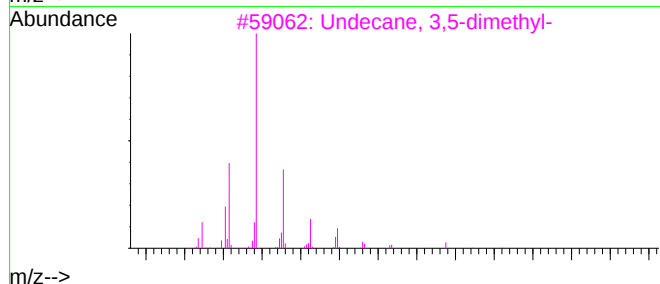
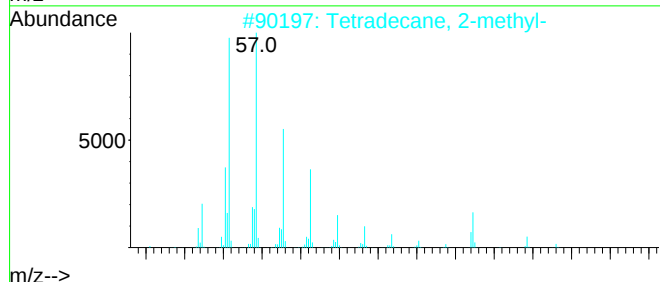
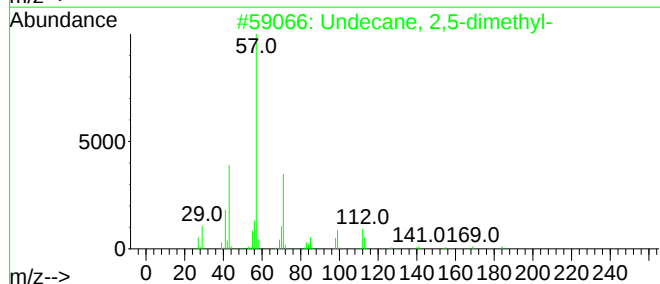
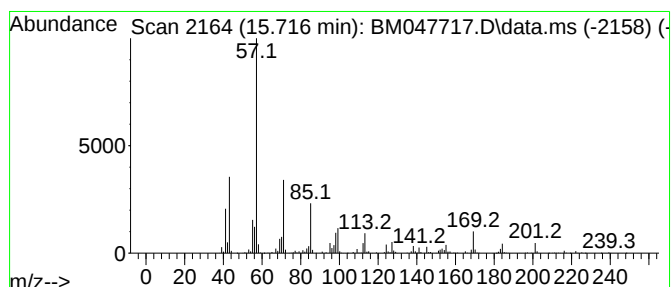
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

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Peak Number 39 (DEL) Alkane: Straight-Chai... Concentration Rank 14

| R.T.      | EstConc                            | Area    | Relative to ISTD | R.T.        |      |
|-----------|------------------------------------|---------|------------------|-------------|------|
| 15.716    | 20.96 ng/ul                        | 6318250 | Acenaphthene-d10 | 14.451      |      |
| Hit# of 5 | Tentative ID                       | MW      | MolForm          | CAS#        | Qual |
| 1         | Undecane, 2,5-dimethyl-            | 184     | C13H28           | 017301-22-3 | 70   |
| 2         | Tetradecane, 2-methyl-             | 212     | C15H32           | 001560-95-8 | 53   |
| 3         | Undecane, 3,5-dimethyl-            | 184     | C13H28           | 017312-81-1 | 50   |
| 4         | Hexadecane, 1-iodo-                | 352     | C16H33I          | 000544-77-4 | 47   |
| 5         | Hexadecane, 2,6,10,14-tetramethyl- | 282     | C20H42           | 000638-36-8 | 47   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM093024\  
Data File : BM047717.D  
Acq On : 30 Sep 2024 14:37  
Operator : RC/JU  
Sample : P4018-08  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DDCB4

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

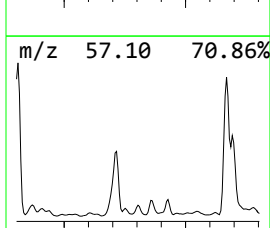
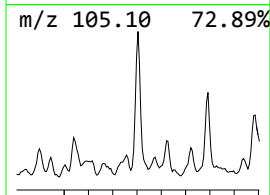
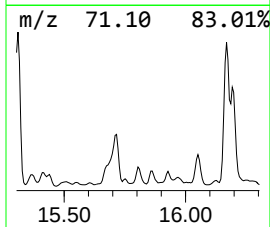
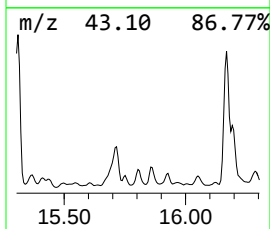
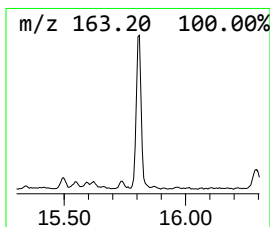
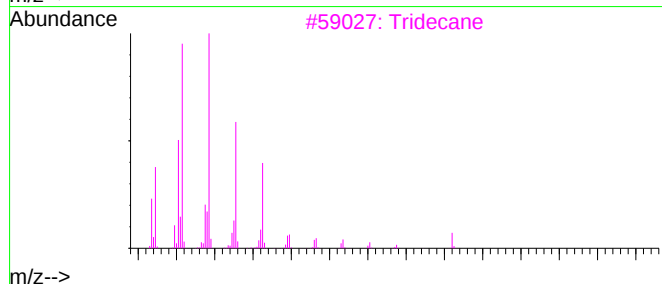
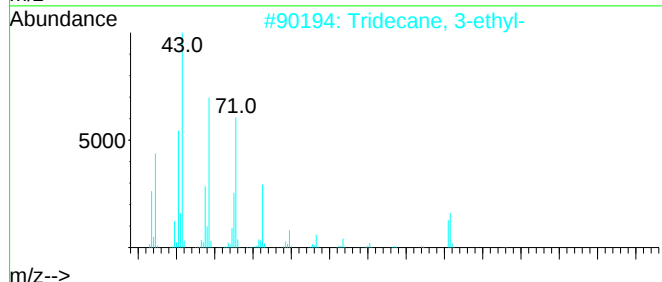
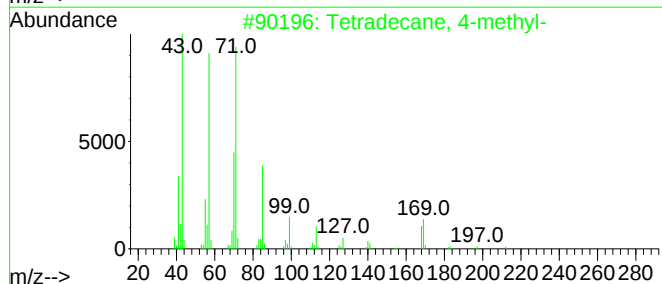
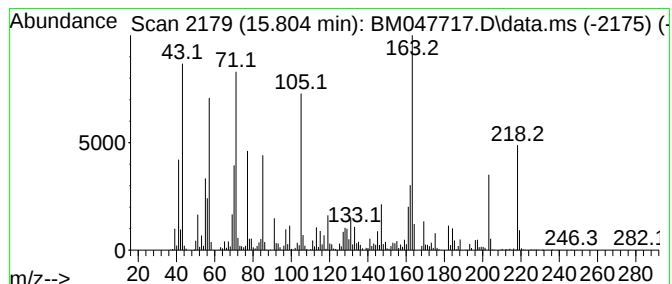
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

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Peak Number 40 (DEL) Alkane: Straight-Chai... Concentration Rank 29

| R.T.      | EstConc                             | Area    | Relative to ISTD |          |             | R.T.   |
|-----------|-------------------------------------|---------|------------------|----------|-------------|--------|
| 15.804    | 13.01 ng/ul                         | 3921100 | Acenaphthene-d10 |          |             | 14.451 |
| Hit# of 5 | Tentative ID                        |         | MW               | MolForm  | CAS#        | Qual   |
| 1         | Tetradecane, 4-methyl-              |         | 212              | C15H32   | 025117-24-2 | 35     |
| 2         | Tridecane, 3-ethyl-                 |         | 212              | C15H32   | 013286-73-2 | 35     |
| 3         | Tridecane                           |         | 184              | C13H28   | 000629-50-5 | 25     |
| 4         | 1,3-Pentanedione, 2,4,4-trimethy... |         | 218              | C14H18O2 | 106596-69-4 | 25     |
| 5         | Tridecane                           |         | 184              | C13H28   | 000629-50-5 | 25     |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM093024\  
Data File : BM047717.D  
Acq On : 30 Sep 2024 14:37  
Operator : RC/JU  
Sample : P4018-08  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DDCB4

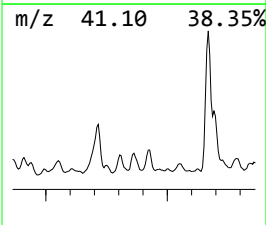
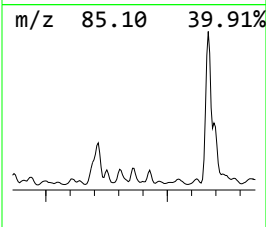
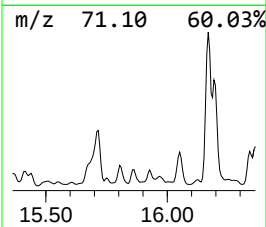
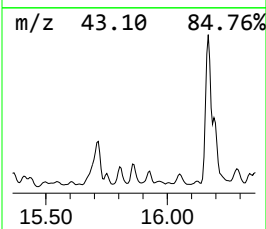
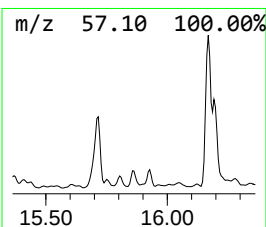
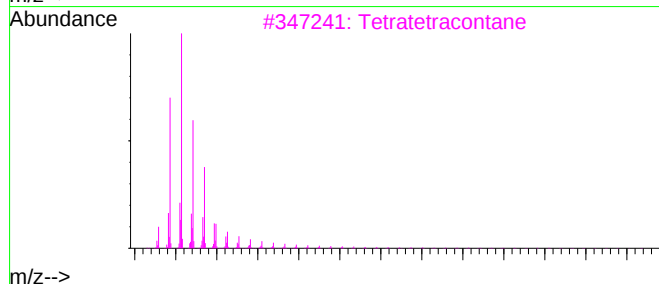
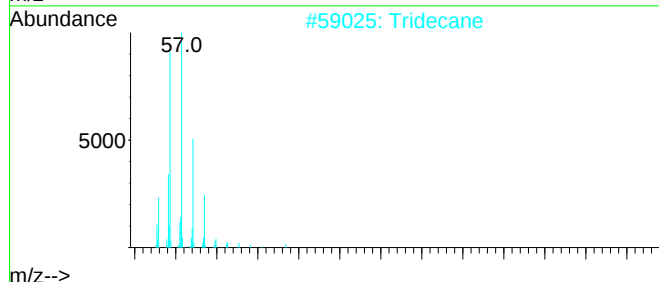
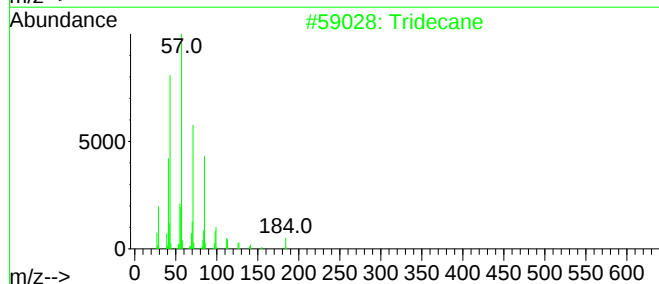
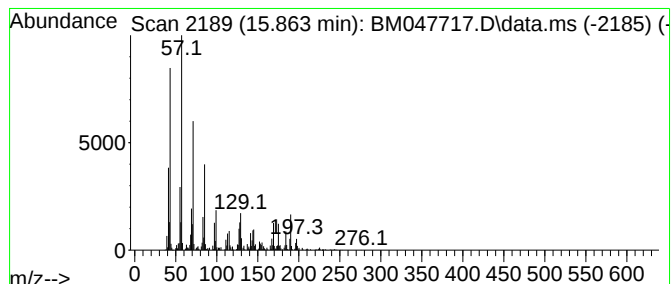
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Quant Title : SVOA CALIBRATION

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

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Peak Number 41 (DEL) Alkane: Straight-Chai... Concentration Rank 51

| R.T.      | EstConc           | Area    | Relative to ISTD | R.T.        |      |
|-----------|-------------------|---------|------------------|-------------|------|
| 15.863    | 5.02 ng/ul        | 2546700 | Phenanthrene-d10 | 17.198      |      |
| Hit# of 5 | Tentative ID      | MW      | MolForm          | CAS#        | Qual |
| 1         | Tridecane         | 184     | C13H28           | 000629-50-5 | 55   |
| 2         | Tridecane         | 184     | C13H28           | 000629-50-5 | 55   |
| 3         | Tetratetracontane | 619     | C44H90           | 007098-22-8 | 50   |
| 4         | Tridecane         | 184     | C13H28           | 000629-50-5 | 49   |
| 5         | 2-Bromo dodecane  | 248     | C12H25Br         | 013187-99-0 | 46   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM093024\  
Data File : BM047717.D  
Acq On : 30 Sep 2024 14:37  
Operator : RC/JU  
Sample : P4018-08  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DDCB4

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

TIC Library : C:\Database\NIST20.L

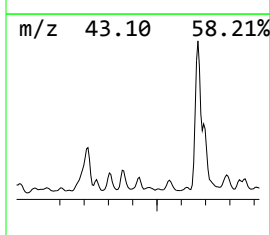
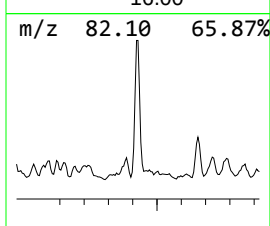
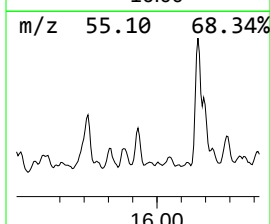
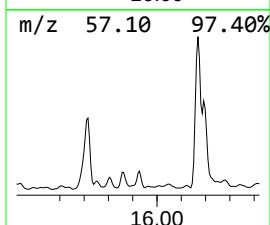
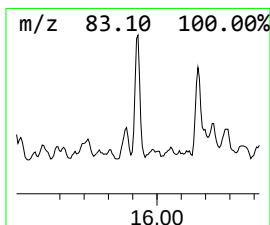
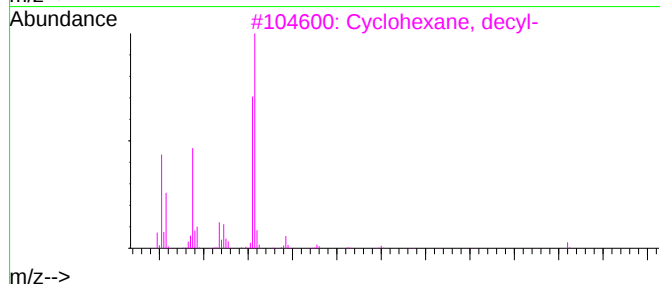
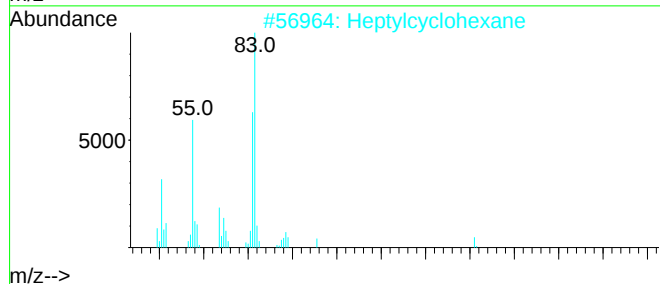
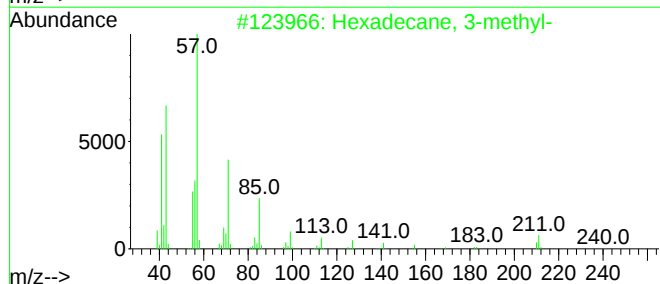
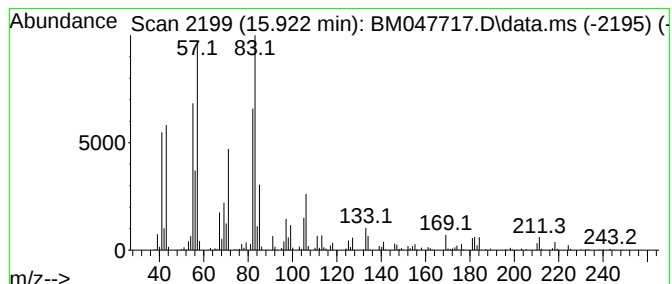
TIC Integration Parameters: LSCINT.P

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Peak Number 42 (DEL) Alkane: Straight-Chai... Concentration Rank 49

| R.T.   | EstConc    | Area    | Relative to ISTD | R.T.   |
|--------|------------|---------|------------------|--------|
| 15.922 | 6.15 ng/ul | 3116170 | Phenanthrene-d10 | 17.198 |

| Hit# of 5 | Tentative ID           | MW  | MolForm | CAS#        | Qual |
|-----------|------------------------|-----|---------|-------------|------|
| 1         | Hexadecane, 3-methyl-  | 240 | C17H36  | 006418-43-5 | 64   |
| 2         | Heptylcyclohexane      | 182 | C13H26  | 005617-41-4 | 49   |
| 3         | Cyclohexane, decyl-    | 224 | C16H32  | 001795-16-0 | 46   |
| 4         | 3-Acetylcyclopentanone | 140 | C8H12O2 | 075359-72-7 | 46   |
| 5         | Cyclohexane, pentyl-   | 154 | C11H22  | 004292-92-6 | 46   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM093024\  
Data File : BM047717.D  
Acq On : 30 Sep 2024 14:37  
Operator : RC/JU  
Sample : P4018-08  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DDCB4

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

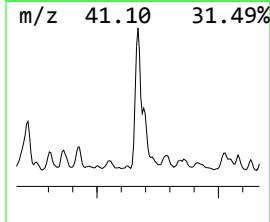
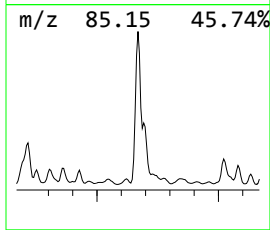
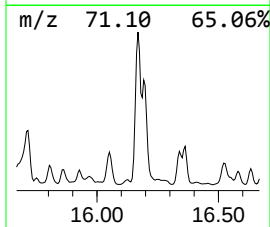
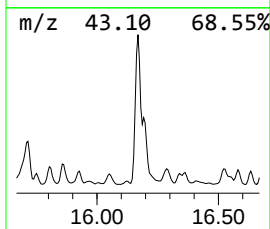
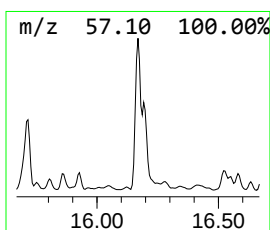
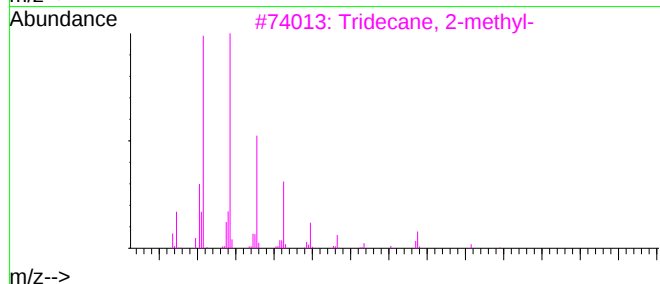
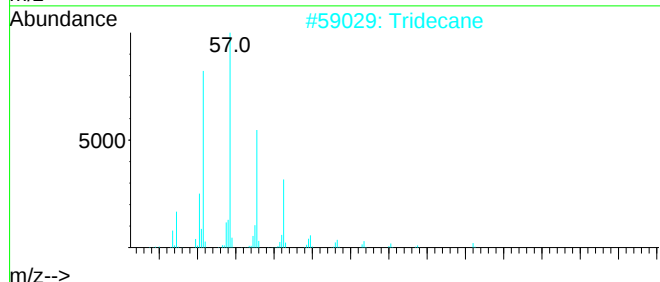
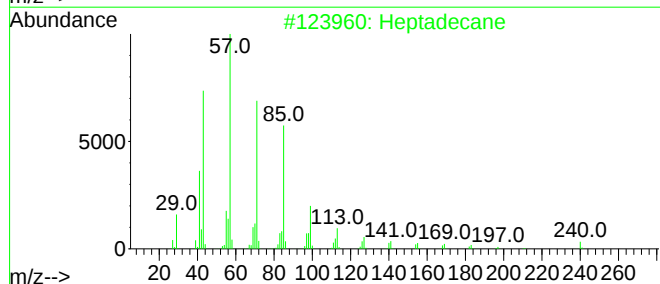
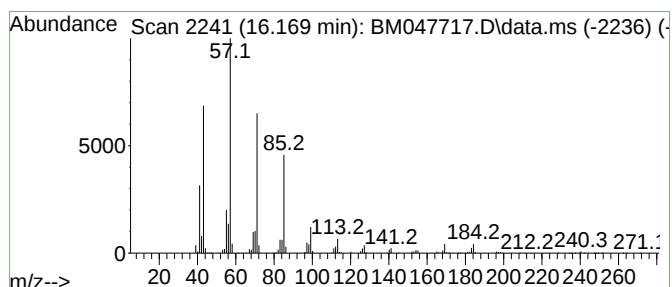
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Peak Number 43 (DEL) Alkane: Straight-Chai... Concentration Rank 10

| R.T.   | EstConc     | Area     | Relative to ISTD | R.T.   |
|--------|-------------|----------|------------------|--------|
| 16.169 | 29.48 ng/ul | 14944300 | Phenanthrene-d10 | 17.198 |

| Hit# of 5 | Tentative ID         | MW  | MolForm | CAS#        | Qual |
|-----------|----------------------|-----|---------|-------------|------|
| 1         | Heptadecane          | 240 | C17H36  | 000629-78-7 | 95   |
| 2         | Tridecane            | 184 | C13H28  | 000629-50-5 | 94   |
| 3         | Tridecane, 2-methyl- | 198 | C14H30  | 001560-96-9 | 87   |
| 4         | Tridecane            | 184 | C13H28  | 000629-50-5 | 87   |
| 5         | Tetradecane          | 198 | C14H30  | 000629-59-4 | 87   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM093024\  
Data File : BM047717.D  
Acq On : 30 Sep 2024 14:37  
Operator : RC/JU  
Sample : P4018-08  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DDCB4

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

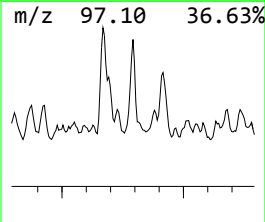
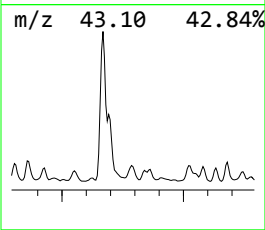
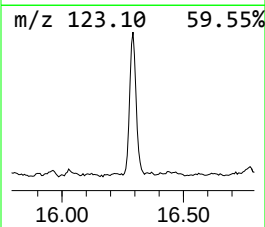
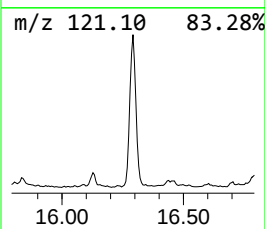
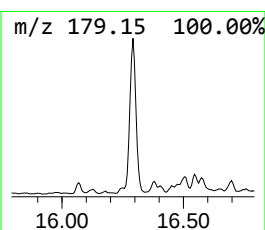
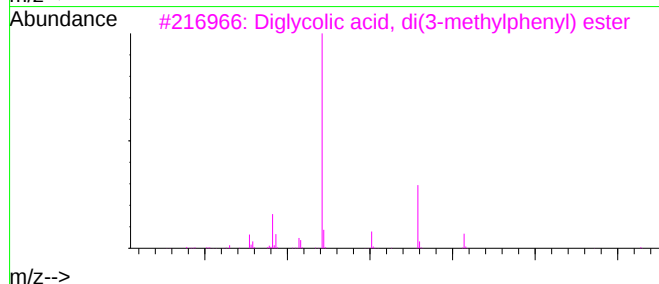
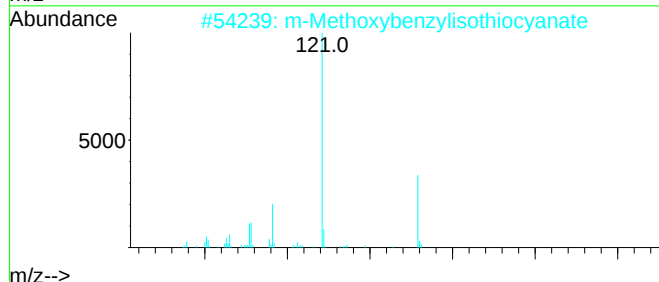
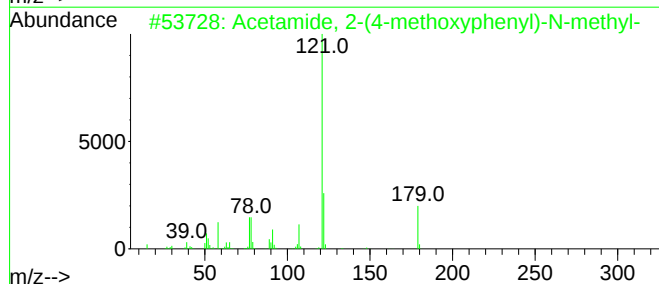
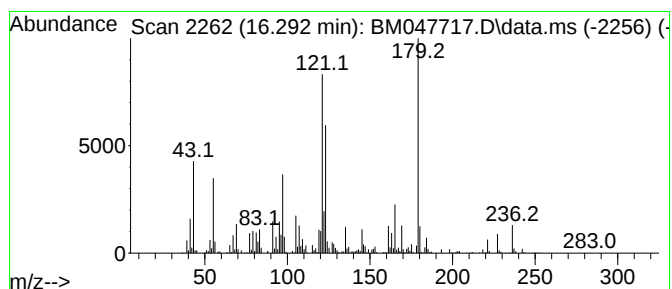
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

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Peak Number 44 Acetamide, 2-(4-methoxyphen... Concentration Rank 46

| R.T.      | EstConc                             | Area    | Relative to ISTD | R.T.         |      |
|-----------|-------------------------------------|---------|------------------|--------------|------|
| 16.292    | 7.93 ng/ul                          | 4017830 | Phenanthrene-d10 | 17.198       |      |
| Hit# of 5 | Tentative ID                        | MW      | MolForm          | CAS#         | Qual |
| 1         | Acetamide, 2-(4-methoxyphenyl)-N... | 179     | C10H13NO2        | 1000420-42-1 | 52   |
| 2         | m-Methoxybenzylisothiocyanate       | 179     | C9H9NOS          | 075272-77-4  | 49   |
| 3         | Diglycolic acid, di(3-methylphen... | 314     | C18H18O5         | 1000382-10-8 | 47   |
| 4         | 1,1'-(4-Hydroxy-6-(n-propyl)oxy-... | 236     | C13H16O4         | 1000454-72-5 | 30   |
| 5         | 1,1'-(4-Hydroxy-6-isoproploxy-1...  | 236     | C13H16O4         | 1000454-72-6 | 25   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM093024\  
Data File : BM047717.D  
Acq On : 30 Sep 2024 14:37  
Operator : RC/JU  
Sample : P4018-08  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DDCB4

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

TIC Library : C:\Database\NIST20.L

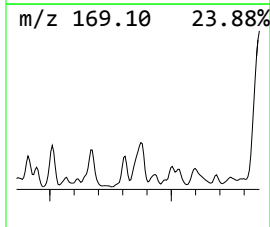
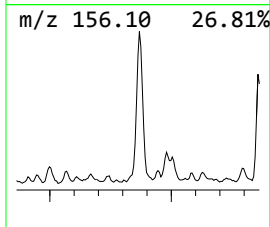
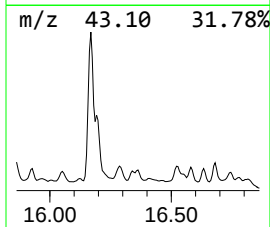
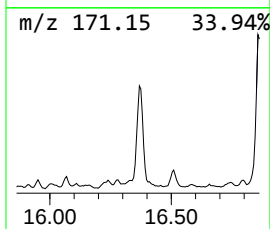
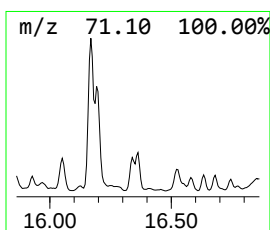
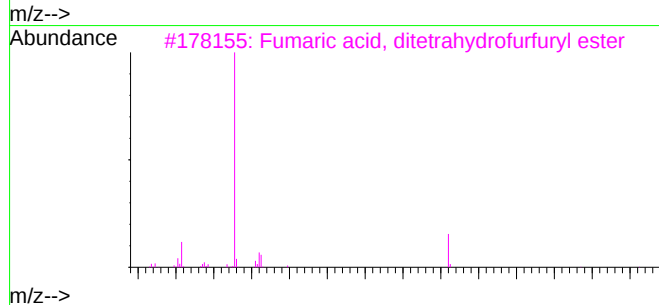
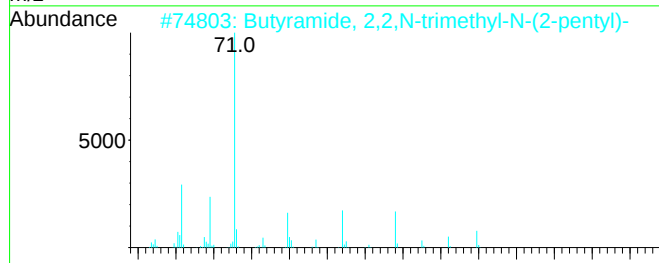
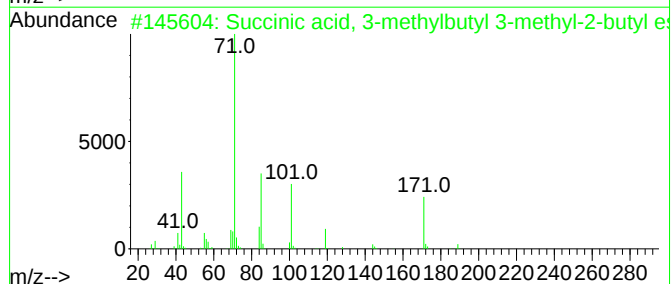
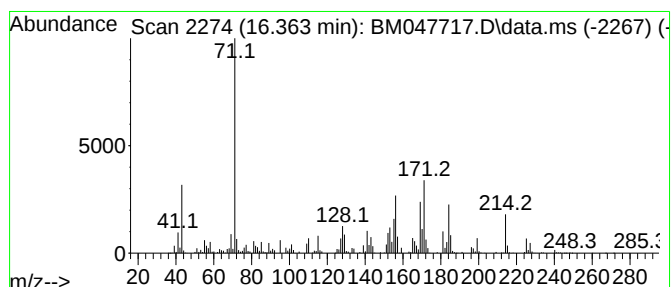
TIC Integration Parameters: LSCINT.P

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Peak Number 45 unknown-08

Concentration Rank 45

| R.T.      | EstConc                             | Area    | Relative to ISTD | R.T.         |      |
|-----------|-------------------------------------|---------|------------------|--------------|------|
| 16.363    | 7.97 ng/ul                          | 4038640 | Phenanthrene-d10 | 17.198       |      |
| Hit# of 5 | Tentative ID                        | MW      | MolForm          | CAS#         | Qual |
| 1         | Succinic acid, 3-methylbutyl 3-m... | 258     | C14H26O4         | 1000370-95-8 | 38   |
| 2         | Butyramide, 2,2,N-trimethyl-N-(2... | 199     | C12H25NO         | 1000490-16-7 | 35   |
| 3         | Fumaric acid, ditetrahydrofurfur... | 284     | C14H20O6         | 1000330-59-1 | 35   |
| 4         | 3-Methoxyhex-1-ene                  | 114     | C7H14O           | 108811-41-2  | 27   |
| 5         | Fumaric acid, isobutyl tetrahydr... | 256     | C13H20O5         | 1000330-57-8 | 27   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM093024\  
Data File : BM047717.D  
Acq On : 30 Sep 2024 14:37  
Operator : RC/JU  
Sample : P4018-08  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DDCB4

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

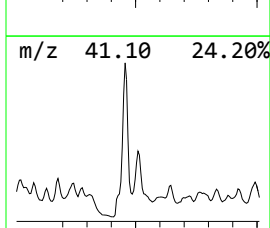
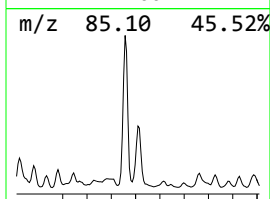
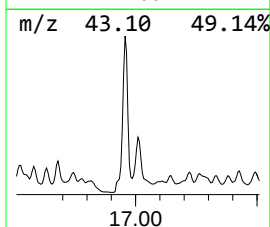
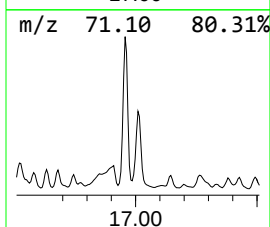
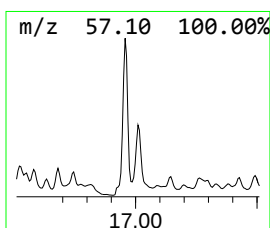
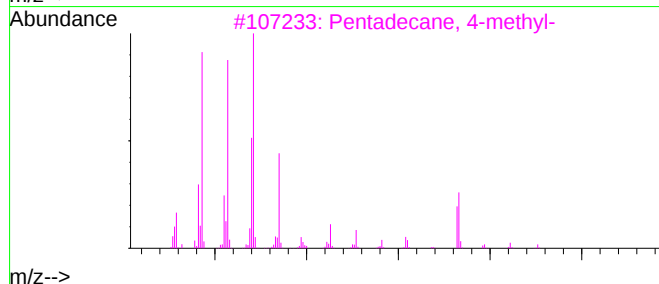
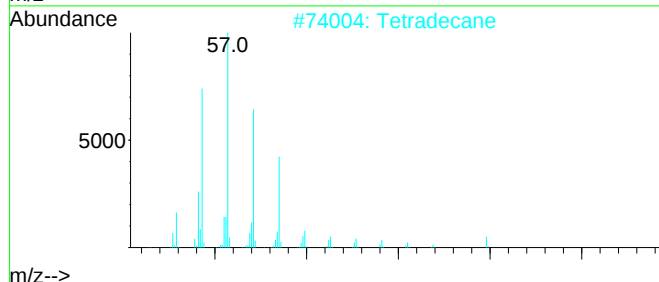
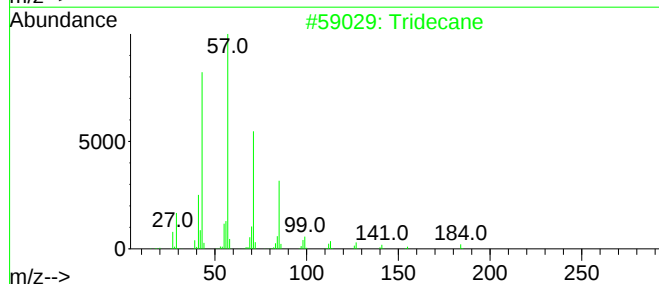
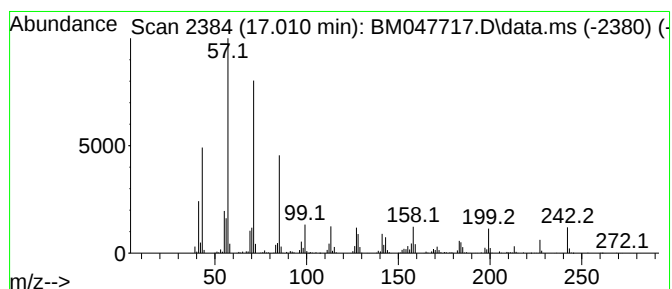
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 46 (DEL) Alkane: Straight-Chai... Concentration Rank 23

| R.T.   | EstConc     | Area    | Relative to ISTD | R.T.   |
|--------|-------------|---------|------------------|--------|
| 17.010 | 16.61 ng/ul | 8419690 | Phenanthrene-d10 | 17.198 |

| Hit# of 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|-----------|-------------------------------------|-----|---------|-------------|------|
| 1         | Tridecane                           | 184 | C13H28  | 000629-50-5 | 87   |
| 2         | Tetradecane                         | 198 | C14H30  | 000629-59-4 | 74   |
| 3         | Pentadecane, 4-methyl-              | 226 | C16H34  | 002801-87-8 | 72   |
| 4         | Heptadecane, 2,6,10,15-tetramethyl- | 296 | C21H44  | 054833-48-6 | 72   |
| 5         | Tetratetracontane                   | 619 | C44H90  | 007098-22-8 | 72   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM093024\  
Data File : BM047717.D  
Acq On : 30 Sep 2024 14:37  
Operator : RC/JU  
Sample : P4018-08  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DDCB4

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

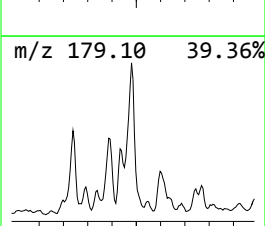
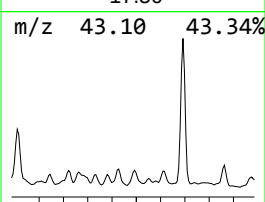
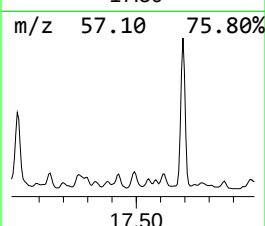
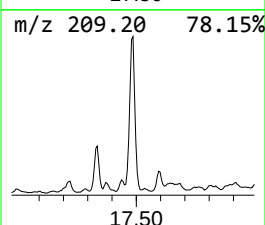
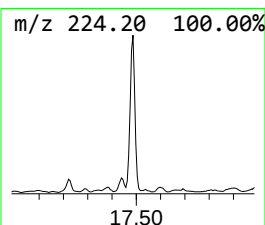
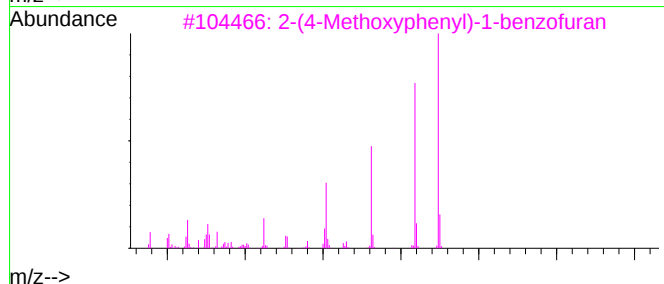
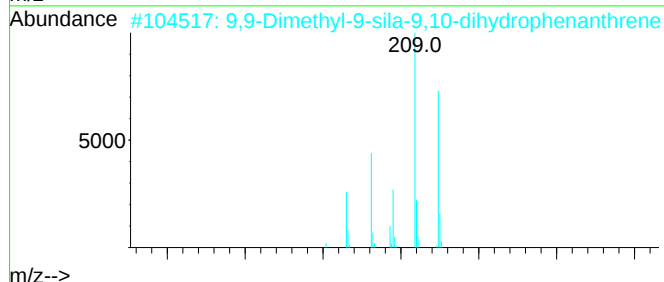
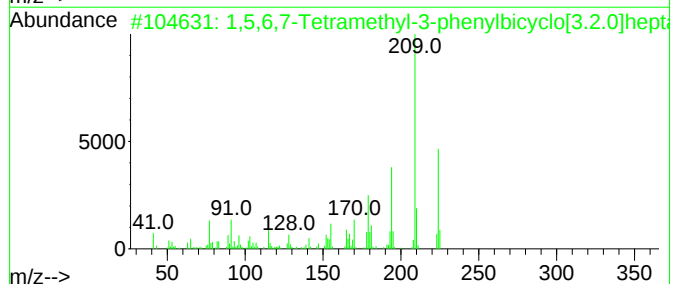
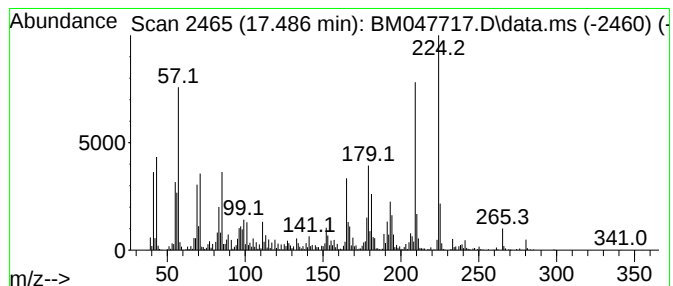
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Peak Number 47 1,5,6,7-Tetramethyl-3-pheny... Concentration Rank 39

| R.T.   | EstConc    | Area    | Relative to ISTD | R.T.   |
|--------|------------|---------|------------------|--------|
| 17.486 | 9.27 ng/ul | 4700260 | Phenanthrene-d10 | 17.198 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | 1,5,6,7-Tetramethyl-3-phenylbicy... | 224 | C17H20   | 126584-00-7 | 86   |
| 2    |    |   | 9,9-Dimethyl-9-sila-9,10-dihydro... | 224 | C15H16Si | 187328-55-8 | 76   |
| 3    |    |   | 2-(4-Methoxyphenyl)-1-benzofuran    | 224 | C15H12O2 | 019234-04-9 | 64   |
| 4    |    |   | 2-Amino-5-isopropyl-8-methyl-1-a... | 224 | C15H16N2 | 093946-48-6 | 64   |
| 5    |    |   | 2-Methyl-3-phenyl-benzo-1,4-dioxin  | 224 | C15H12O2 | 079792-91-9 | 58   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM093024\  
Data File : BM047717.D  
Acq On : 30 Sep 2024 14:37  
Operator : RC/JU  
Sample : P4018-08  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DDCB4

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

TIC Library : C:\Database\NIST20.L

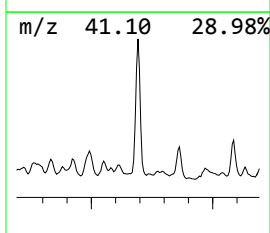
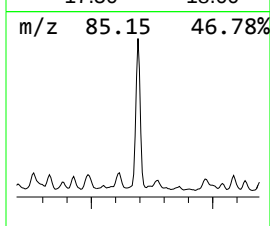
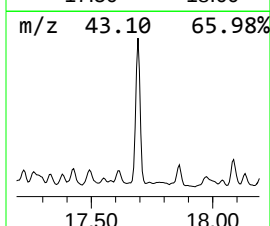
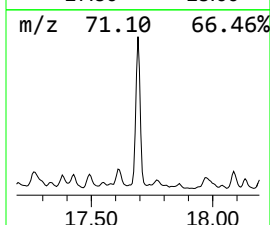
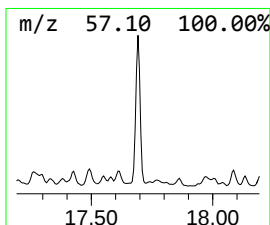
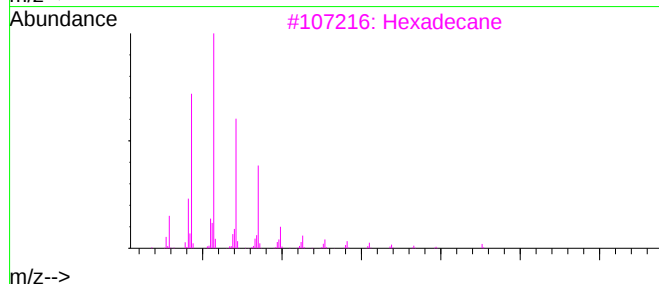
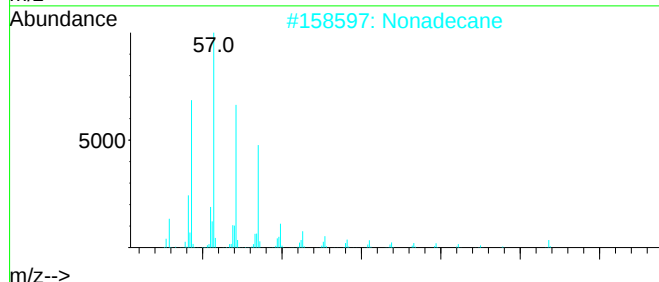
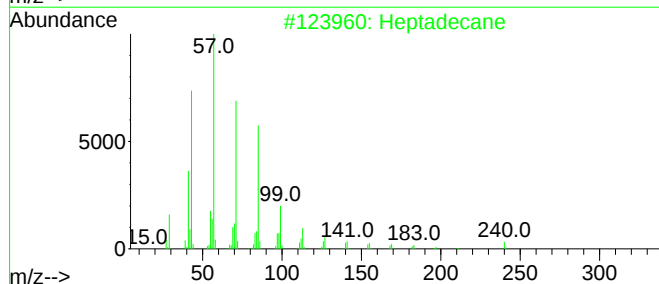
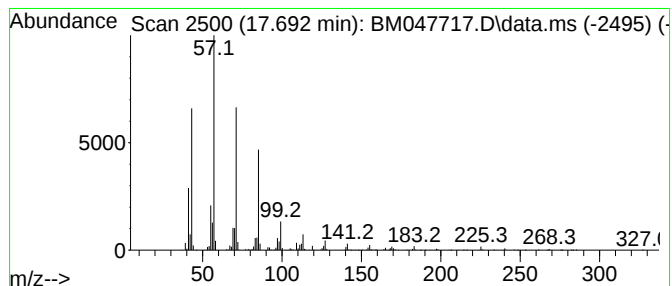
TIC Integration Parameters: LSCINT.P

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Peak Number 48 (DEL) Alkane: Straight-Chai... Concentration Rank 20

| R.T.   | EstConc     | Area    | Relative to ISTD | R.T.   |
|--------|-------------|---------|------------------|--------|
| 17.692 | 18.09 ng/ul | 9167330 | Phenanthrene-d10 | 17.198 |

| Hit# | of | 5 | Tentative ID         | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------|-----|---------|-------------|------|
| 1    |    |   | Heptadecane          | 240 | C17H36  | 000629-78-7 | 96   |
| 2    |    |   | Nonadecane           | 268 | C19H40  | 000629-92-5 | 95   |
| 3    |    |   | Hexadecane           | 226 | C16H34  | 000544-76-3 | 93   |
| 4    |    |   | Tridecane, 7-propyl- | 226 | C16H34  | 055045-09-5 | 91   |
| 5    |    |   | Heneicosane          | 296 | C21H44  | 000629-94-7 | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM093024\  
Data File : BM047717.D  
Acq On : 30 Sep 2024 14:37  
Operator : RC/JU  
Sample : P4018-08  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DDCB4

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

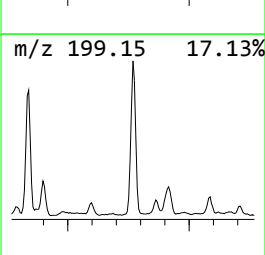
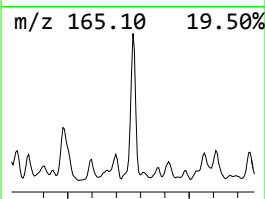
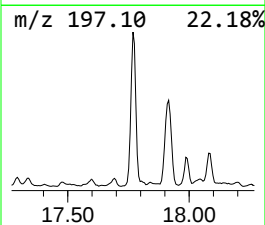
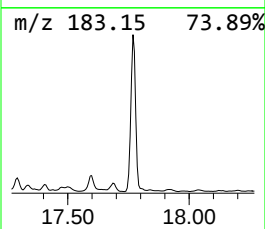
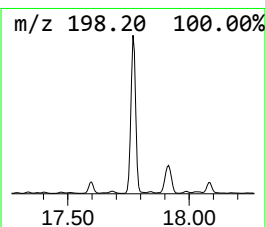
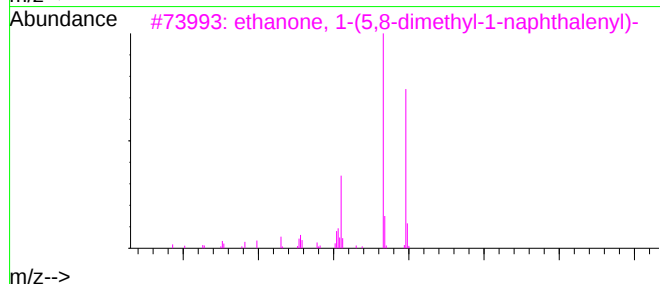
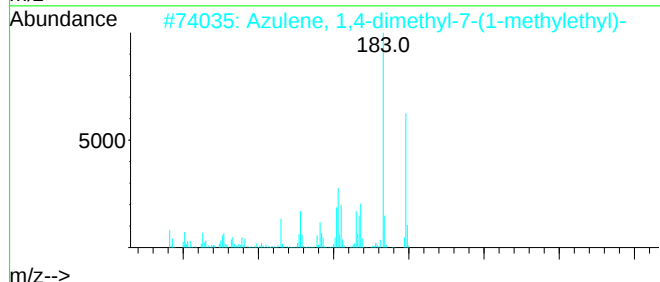
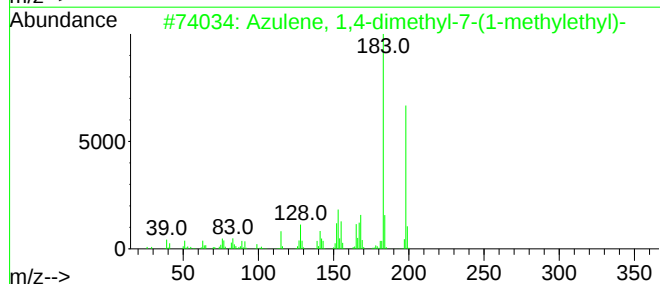
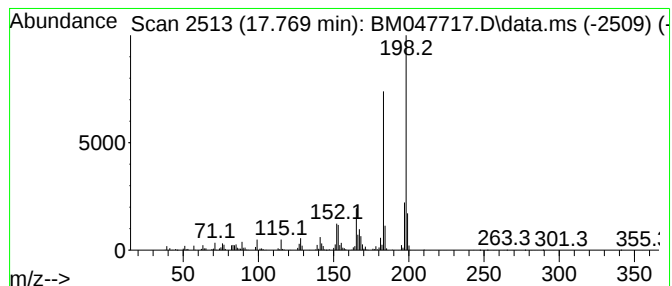
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

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Peak Number 49 Azulene, 1,4-dimethyl-7-(1-... Concentration Rank 31

| R.T.      | EstConc                             | Area    | Relative to ISTD | R.T.         |      |
|-----------|-------------------------------------|---------|------------------|--------------|------|
| 17.769    | 12.00 ng/ul                         | 6082270 | Phenanthrene-d10 | 17.198       |      |
| Hit# of 5 | Tentative ID                        | MW      | MolForm          | CAS#         | Qual |
| 1         | Azulene, 1,4-dimethyl-7-(1-methy... | 198     | C15H18           | 000489-84-9  | 83   |
| 2         | Azulene, 1,4-dimethyl-7-(1-methy... | 198     | C15H18           | 000489-84-9  | 83   |
| 3         | ethanone, 1-(5,8-dimethyl-1-naph... | 198     | C14H14O          | 1000396-02-9 | 76   |
| 4         | Azulene, 1,4-dimethyl-7-(1-methy... | 198     | C15H18           | 000489-84-9  | 74   |
| 5         | Naphthalene, 1,6-dimethyl-4-(1-m... | 198     | C15H18           | 000483-78-3  | 74   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM093024\  
Data File : BM047717.D  
Acq On : 30 Sep 2024 14:37  
Operator : RC/JU  
Sample : P4018-08  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DDCB4

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

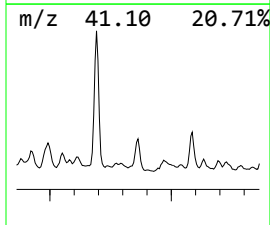
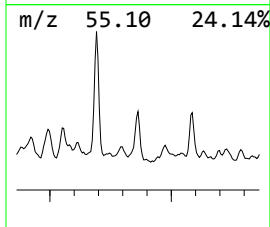
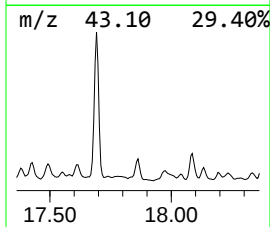
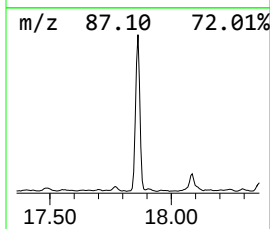
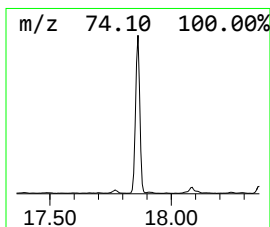
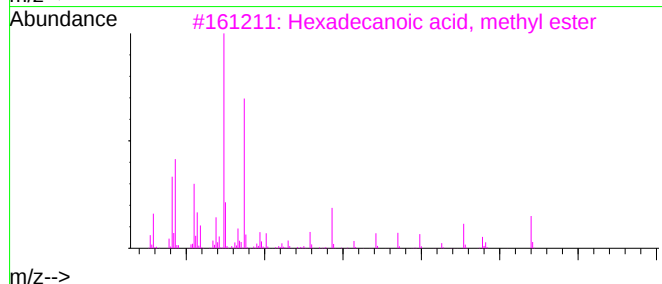
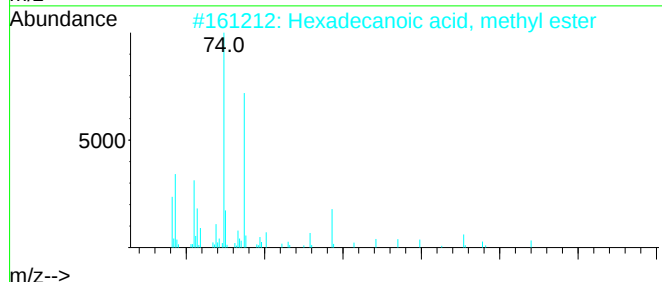
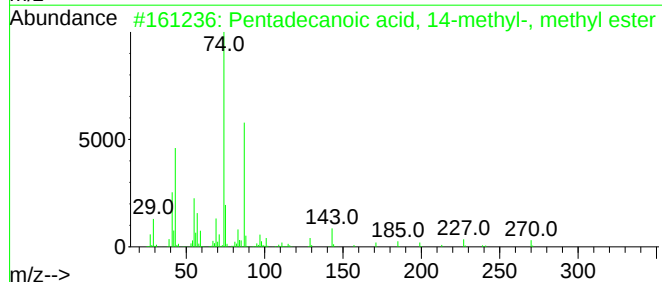
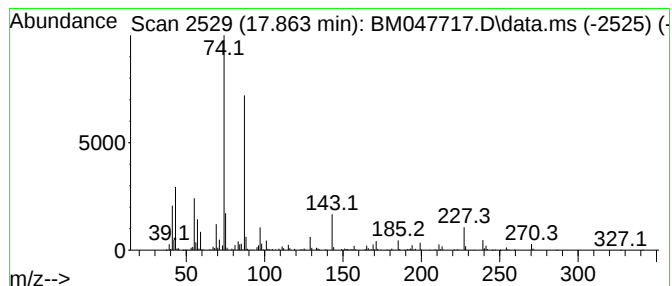
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

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Peak Number 50 Pentadecanoic acid, 14-meth... Concentration Rank 50

| R.T.      | EstConc                             | Area    | Relative to ISTD | R.T.        |      |
|-----------|-------------------------------------|---------|------------------|-------------|------|
| 17.863    | 5.24 ng/ul                          | 2656530 | Phenanthrene-d10 | 17.198      |      |
| Hit# of 5 | Tentative ID                        | MW      | MolForm          | CAS#        | Qual |
| 1         | Pentadecanoic acid, 14-methyl-, ... | 270     | C17H34O2         | 005129-60-2 | 96   |
| 2         | Hexadecanoic acid, methyl ester     | 270     | C17H34O2         | 000112-39-0 | 91   |
| 3         | Hexadecanoic acid, methyl ester     | 270     | C17H34O2         | 000112-39-0 | 90   |
| 4         | Tridecanoic acid, methyl ester      | 228     | C14H28O2         | 001731-88-0 | 90   |
| 5         | Pentadecanoic acid, methyl ester    | 256     | C16H32O2         | 007132-64-1 | 86   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM093024\  
Data File : BM047717.D  
Acq On : 30 Sep 2024 14:37  
Operator : RC/JU  
Sample : P4018-08  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DDCB4

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

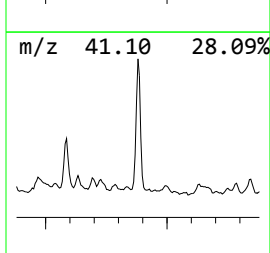
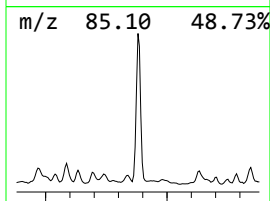
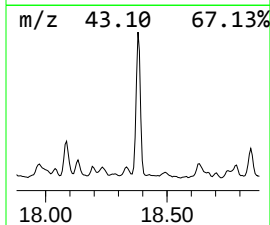
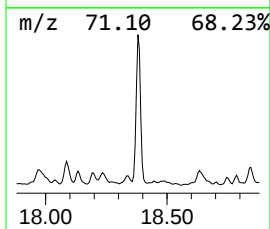
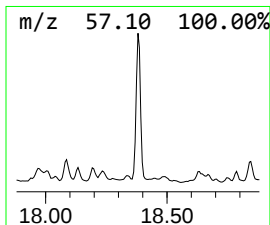
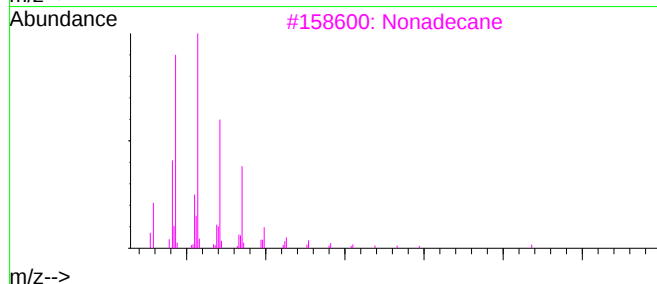
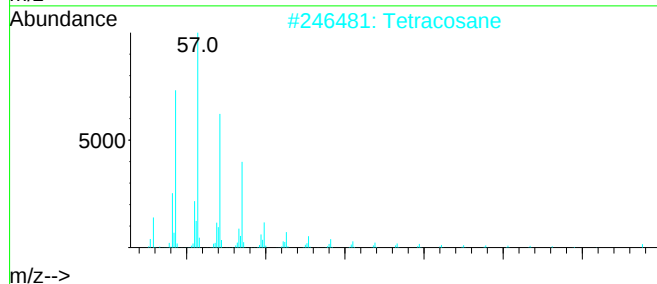
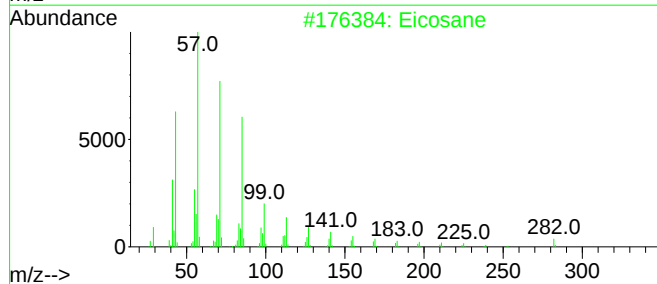
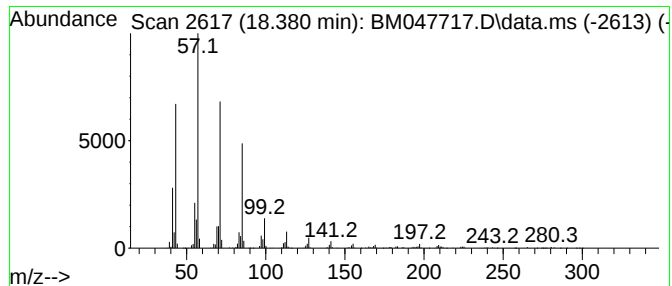
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 51 (DEL) Alkane: Straight-Chai... Concentration Rank 28

| R.T.   | EstConc     | Area    | Relative to ISTD | R.T.   |
|--------|-------------|---------|------------------|--------|
| 18.380 | 13.06 ng/ul | 6620740 | Phenanthrene-d10 | 17.198 |

| Hit# | of | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------|-----|---------|-------------|------|
| 1    |    |   | Eicosane     | 282 | C20H42  | 000112-95-8 | 96   |
| 2    |    |   | Tetracosane  | 338 | C24H50  | 000646-31-1 | 91   |
| 3    |    |   | Nonadecane   | 268 | C19H40  | 000629-92-5 | 91   |
| 4    |    |   | Heptadecane  | 240 | C17H36  | 000629-78-7 | 91   |
| 5    |    |   | Nonadecane   | 268 | C19H40  | 000629-92-5 | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM093024\  
Data File : BM047717.D  
Acq On : 30 Sep 2024 14:37  
Operator : RC/JU  
Sample : P4018-08  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DDCB4

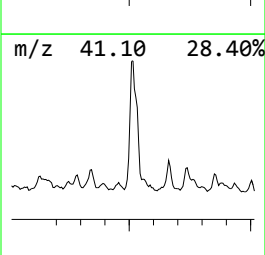
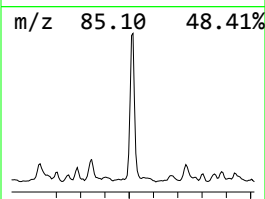
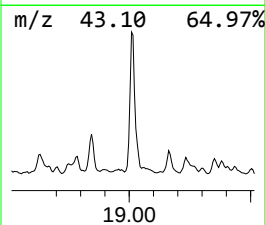
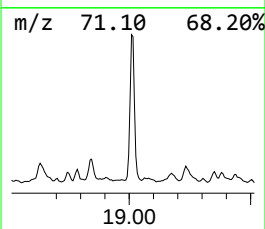
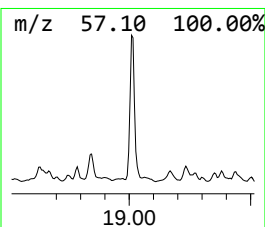
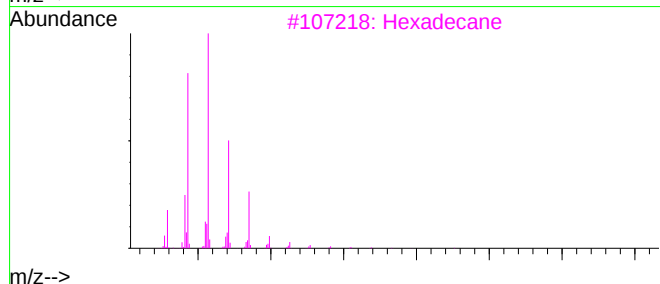
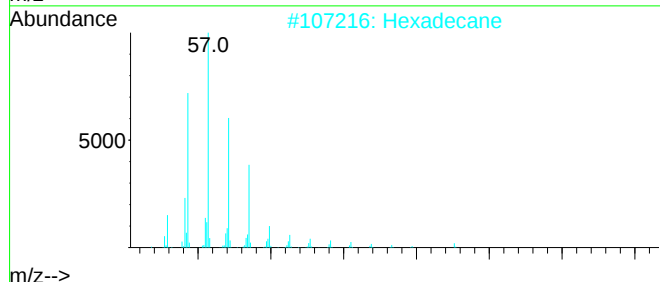
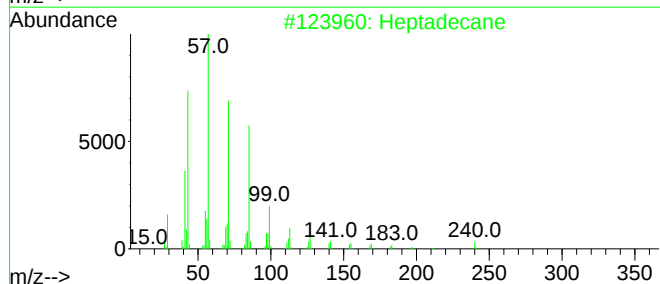
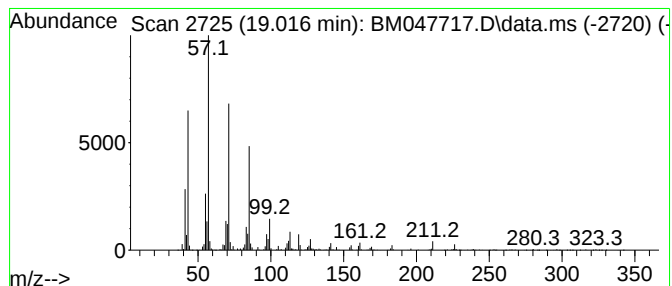
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Quant Title : SVOA CALIBRATION

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

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Peak Number 52 (DEL) Alkane: Straight-Chai... Concentration Rank 25

| R.T.      | EstConc      | Area    | Relative to ISTD | R.T.        |      |
|-----------|--------------|---------|------------------|-------------|------|
| 19.015    | 15.79 ng/ul  | 8005190 | Phenanthrene-d10 | 17.198      |      |
| Hit# of 5 | Tentative ID | MW      | MolForm          | CAS#        | Qual |
| 1         | Heptadecane  | 240     | C17H36           | 000629-78-7 | 97   |
| 2         | Hexadecane   | 226     | C16H34           | 000544-76-3 | 96   |
| 3         | Hexadecane   | 226     | C16H34           | 000544-76-3 | 95   |
| 4         | Heneicosane  | 296     | C21H44           | 000629-94-7 | 95   |
| 5         | Hexadecane   | 226     | C16H34           | 000544-76-3 | 94   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM093024\  
Data File : BM047717.D  
Acq On : 30 Sep 2024 14:37  
Operator : RC/JU  
Sample : P4018-08  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DDCB4

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

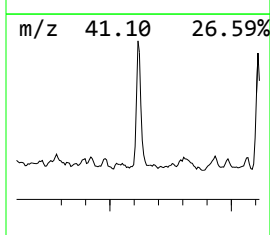
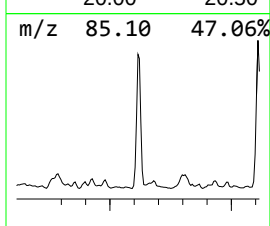
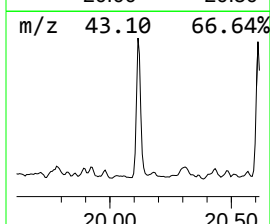
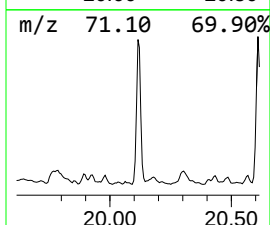
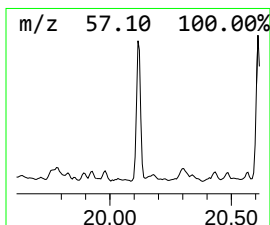
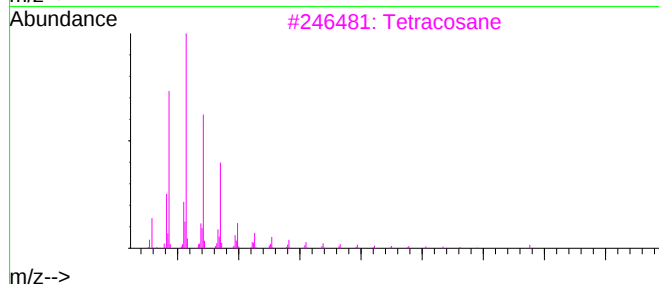
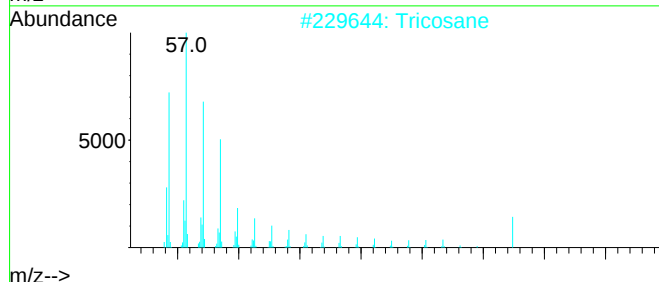
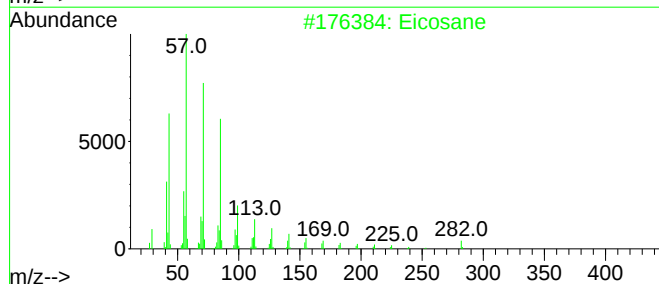
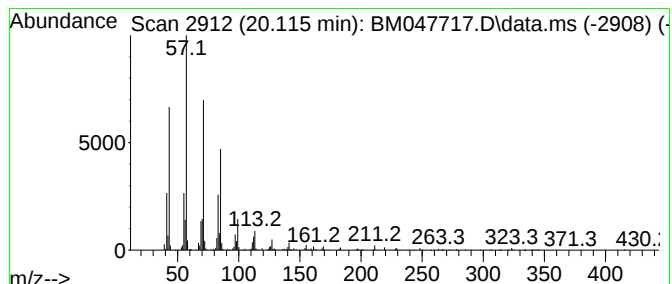
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

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Peak Number 53 (DEL) Alkane: Straight-Chai... Concentration Rank 7

| R.T.      | EstConc      | Area    | Relative to ISTD | R.T.        |      |
|-----------|--------------|---------|------------------|-------------|------|
| 20.116    | 32.95 ng/ul  | 5620460 | Chrysene-d12     | 21.404      |      |
| Hit# of 5 | Tentative ID | MW      | MolForm          | CAS#        | Qual |
| 1         | Eicosane     | 282     | C20H42           | 000112-95-8 | 96   |
| 2         | Tricosane    | 324     | C23H48           | 000638-67-5 | 93   |
| 3         | Tetracosane  | 338     | C24H50           | 000646-31-1 | 89   |
| 4         | Tetracosane  | 338     | C24H50           | 000646-31-1 | 87   |
| 5         | Heneicosane  | 296     | C21H44           | 000629-94-7 | 87   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM093024\  
Data File : BM047717.D  
Acq On : 30 Sep 2024 14:37  
Operator : RC/JU  
Sample : P4018-08  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DDCB4

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

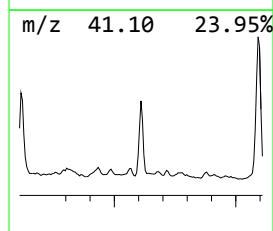
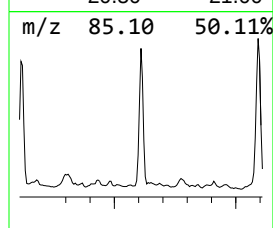
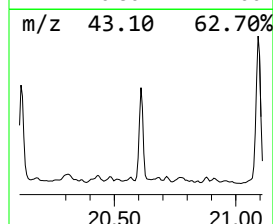
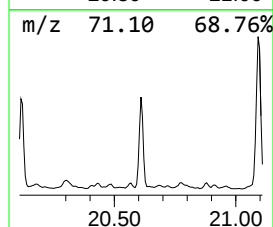
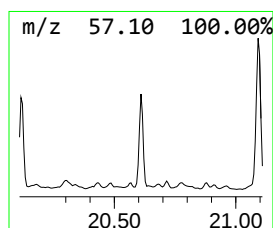
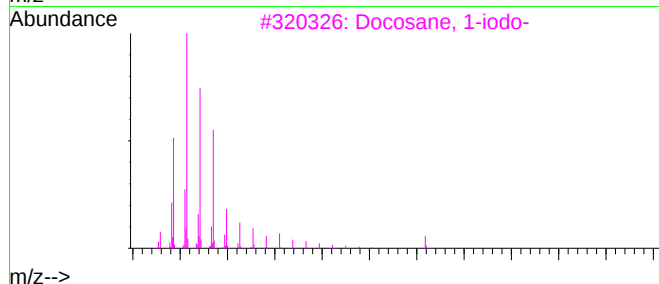
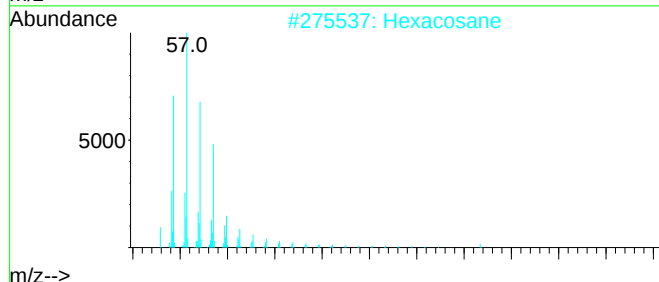
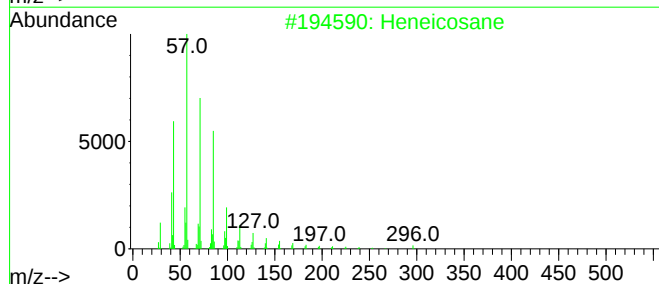
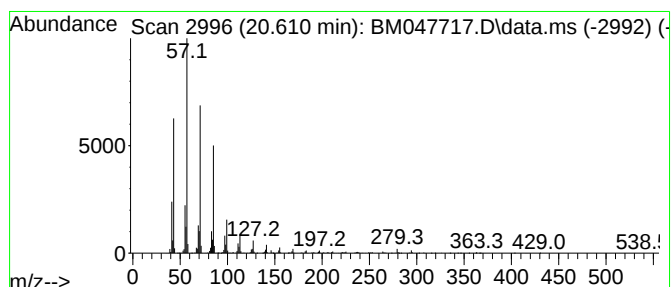
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Peak Number 54 (DEL) Alkane: Straight-Chai... Concentration Rank 15

| R.T.   | EstConc     | Area    | Relative to ISTD | R.T.   |
|--------|-------------|---------|------------------|--------|
| 20.610 | 20.51 ng/ul | 3498490 | Chrysene-d12     | 21.404 |

| 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         | Docosane, 1-iodo- | 436 | C22H45I | 1000406-31-9 | 91   |
| 4         | Eicosane          | 282 | C20H42  | 000112-95-8  | 90   |
| 5         | Heptadecane       | 240 | C17H36  | 000629-78-7  | 87   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM093024\  
Data File : BM047717.D  
Acq On : 30 Sep 2024 14:37  
Operator : RC/JU  
Sample : P4018-08  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DDCB4

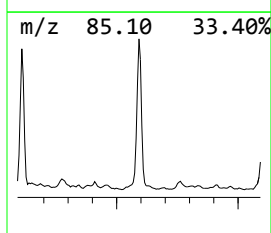
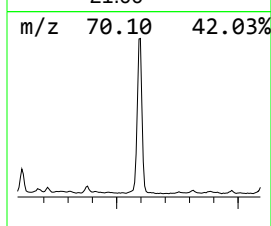
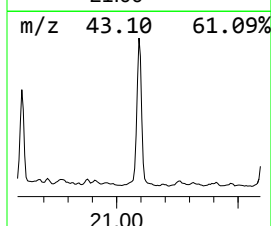
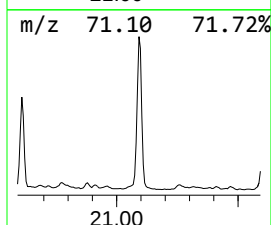
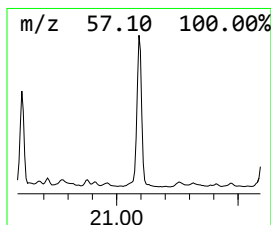
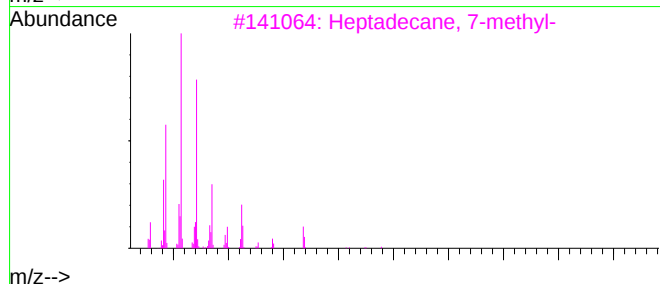
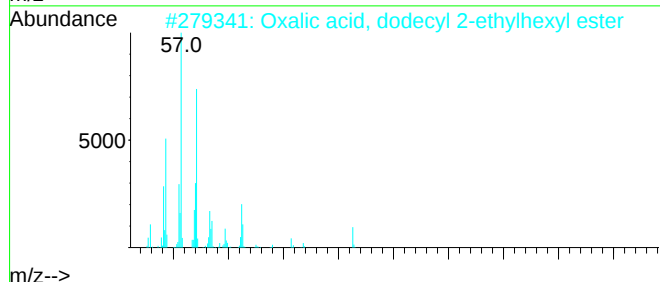
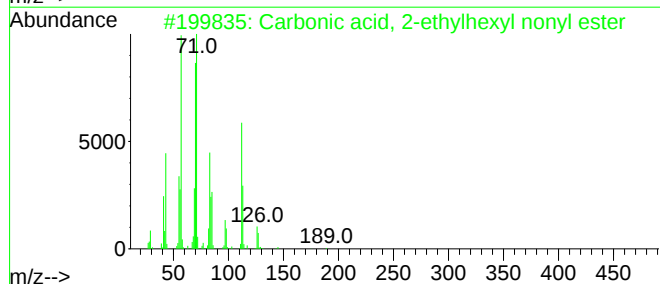
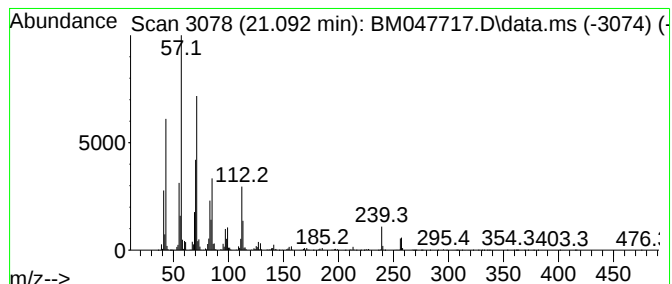
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Quant Title : SVOA CALIBRATION

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

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Peak Number 55 Carbonic acid, 2-ethylhexyl... Concentration Rank 5

| R.T.      | EstConc                              | Area    | Relative to ISTD | R.T.         |      |
|-----------|--------------------------------------|---------|------------------|--------------|------|
| 21.092    | 49.31 ng/ul                          | 8411860 | Chrysene-d12     | 21.404       |      |
| Hit# of 5 | Tentative ID                         | MW      | MolForm          | CAS#         | Qual |
| 1         | Carbonic acid, 2-ethylhexyl nonyl... | 300     | C18H36O3         | 1000383-13-6 | 80   |
| 2         | Oxalic acid, dodecyl 2-ethylhexy...  | 370     | C22H42O4         | 1000309-39-5 | 72   |
| 3         | Heptadecane, 7-methyl-               | 254     | C18H38           | 020959-33-5  | 52   |
| 4         | Oxalic acid, 2-ethylhexyl tetrad...  | 398     | C24H46O4         | 1000309-39-7 | 52   |
| 5         | Tetratetracontane                    | 619     | C44H90           | 007098-22-8  | 46   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM093024\  
Data File : BM047717.D  
Acq On : 30 Sep 2024 14:37  
Operator : RC/JU  
Sample : P4018-08  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DDCB4

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

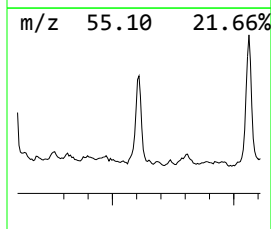
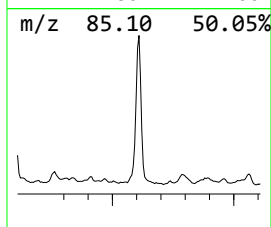
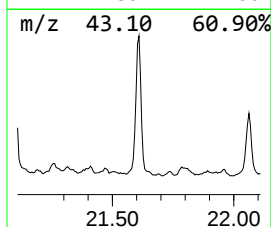
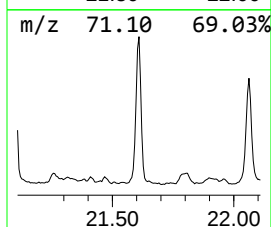
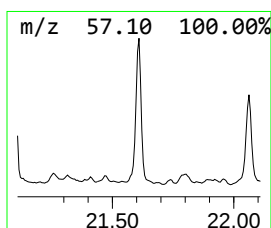
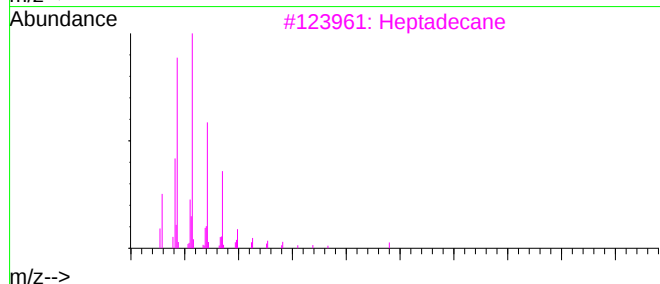
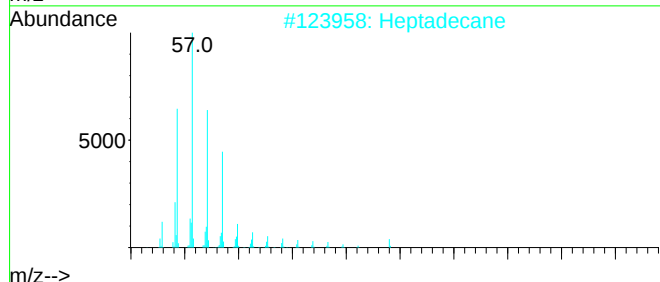
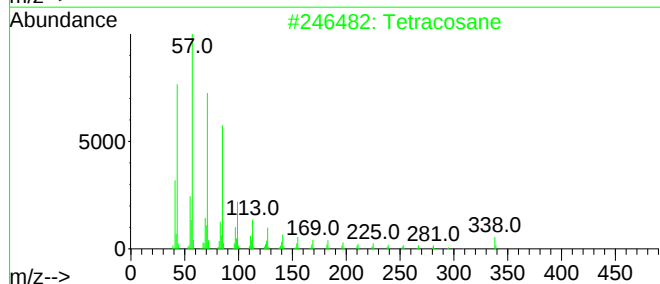
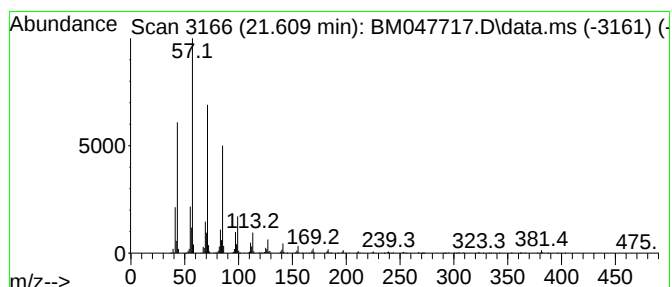
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Peak Number 56 (DEL) Alkane: Straight-Chai... Concentration Rank 12

| R.T.   | EstConc     | Area    | Relative to ISTD | R.T.   |
|--------|-------------|---------|------------------|--------|
| 21.610 | 22.71 ng/ul | 3872980 | Chrysene-d12     | 21.404 |

| Hit# of 5 | Tentative ID      | MW  | MolForm | CAS#         | Qual |
|-----------|-------------------|-----|---------|--------------|------|
| 1         | Tetracosane       | 338 | C24H50  | 000646-31-1  | 96   |
| 2         | Heptadecane       | 240 | C17H36  | 000629-78-7  | 94   |
| 3         | Heptadecane       | 240 | C17H36  | 000629-78-7  | 94   |
| 4         | Octacosane        | 394 | C28H58  | 000630-02-4  | 91   |
| 5         | Docosane, 1-iodo- | 436 | C22H45I | 1000406-31-9 | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM093024\  
Data File : BM047717.D  
Acq On : 30 Sep 2024 14:37  
Operator : RC/JU  
Sample : P4018-08  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DDCB4

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

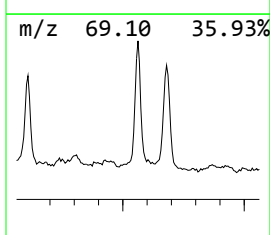
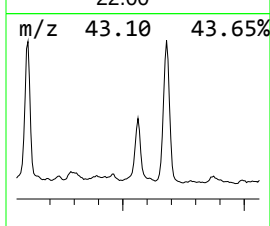
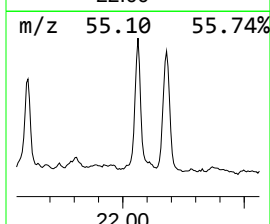
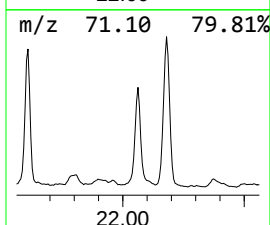
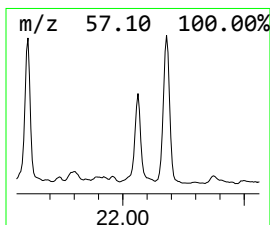
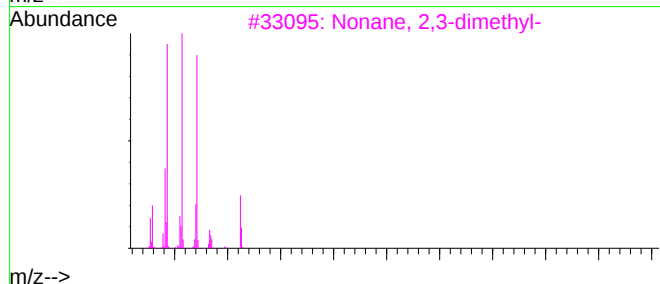
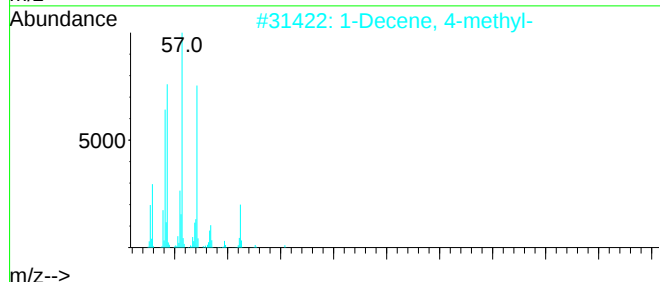
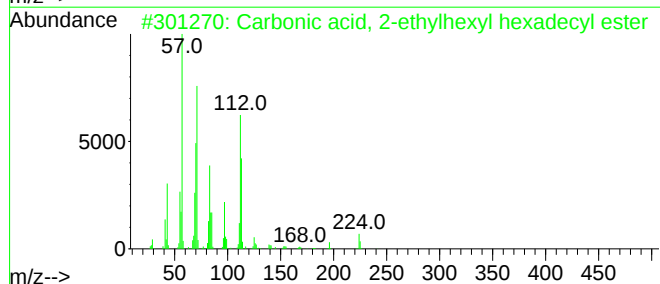
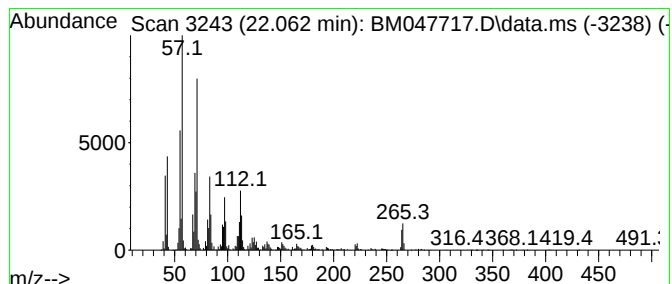
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

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Peak Number 57 Carbonic acid, 2-ethylhexyl... Concentration Rank 16

| R.T.      | EstConc                             | Area    | Relative to ISTD | R.T.         |      |
|-----------|-------------------------------------|---------|------------------|--------------|------|
| 22.062    | 20.25 ng/ul                         | 3453320 | Chrysene-d12     | 21.404       |      |
| Hit# of 5 | Tentative ID                        | MW      | MolForm          | CAS#         | Qual |
| 1         | Carbonic acid, 2-ethylhexyl hexa... | 398     | C25H50O3         | 1000383-14-3 | 52   |
| 2         | 1-Decene, 4-methyl-                 | 154     | C11H22           | 013151-29-6  | 49   |
| 3         | Nonane, 2,3-dimethyl-               | 156     | C11H24           | 002884-06-2  | 49   |
| 4         | 9-Nonadecene                        | 266     | C19H38           | 031035-07-1  | 44   |
| 5         | 2-Undecanol oleate                  | 436     | C29H56O2         | 1000465-66-9 | 38   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM093024\  
Data File : BM047717.D  
Acq On : 30 Sep 2024 14:37  
Operator : RC/JU  
Sample : P4018-08  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DDCB4

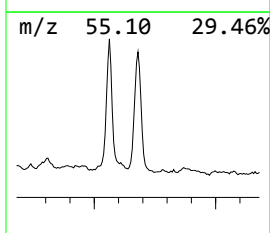
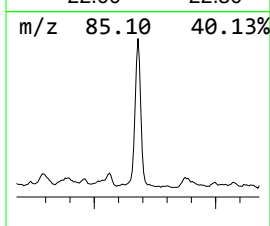
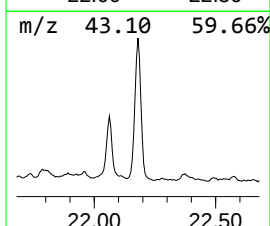
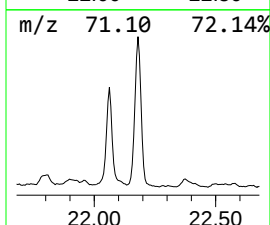
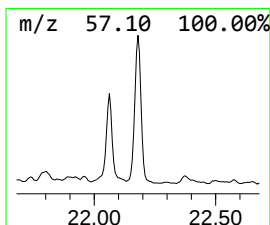
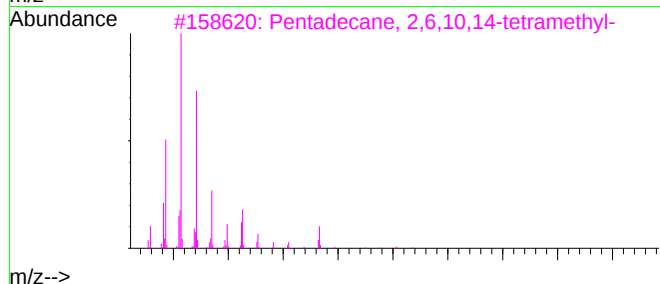
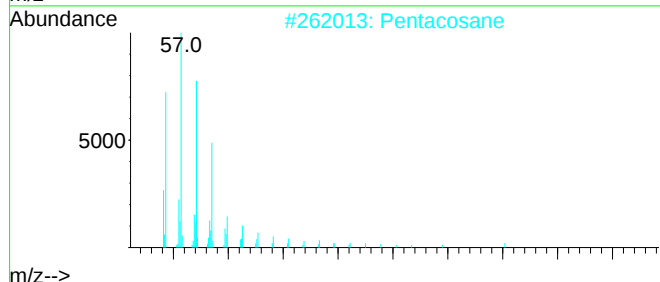
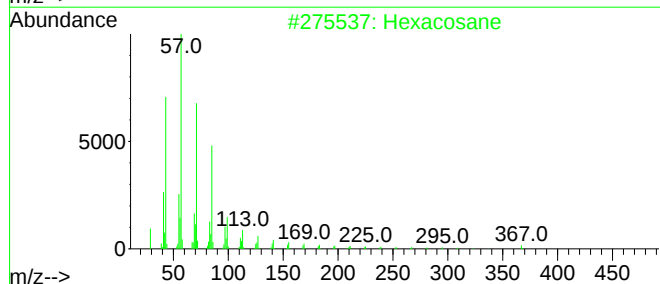
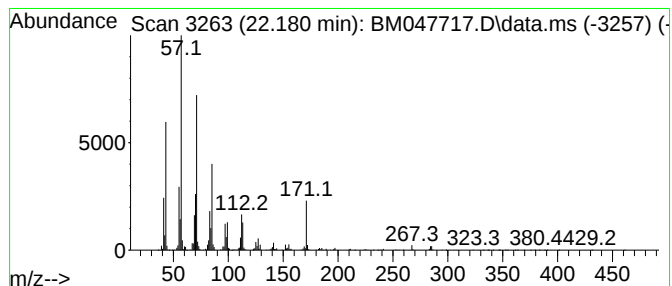
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM092724.MA.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 58 (DEL) Alkane: Straight-Chai... Concentration Rank 6

| R.T.      | EstConc                             | Area    | Relative to ISTD | R.T.        |      |
|-----------|-------------------------------------|---------|------------------|-------------|------|
| 22.180    | 33.05 ng/ul                         | 5637240 | Chrysene-d12     | 21.404      |      |
| Hit# of 5 | Tentative ID                        | MW      | MolForm          | CAS#        | Qual |
| 1         | Hexacosane                          | 366     | C26H54           | 000630-01-3 | 72   |
| 2         | Pentacosane                         | 352     | C25H52           | 000629-99-2 | 72   |
| 3         | Pentadecane, 2,6,10,14-tetramethyl- | 268     | C19H40           | 001921-70-6 | 70   |
| 4         | Hexadecane                          | 226     | C16H34           | 000544-76-3 | 68   |
| 5         | Tetratetracontane                   | 619     | C44H90           | 007098-22-8 | 68   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM093024\  
Data File : BM047717.D  
Acq On : 30 Sep 2024 14:37  
Operator : RC/JU  
Sample : P4018-08  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DDCB4

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

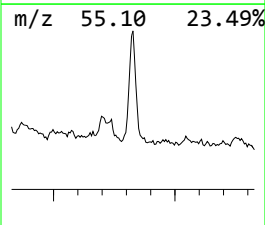
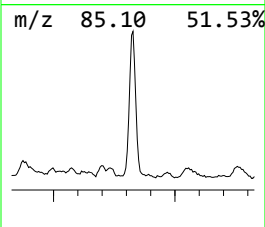
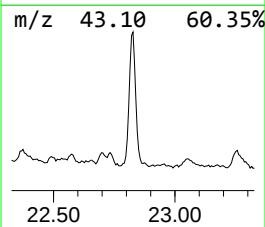
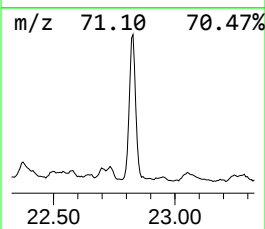
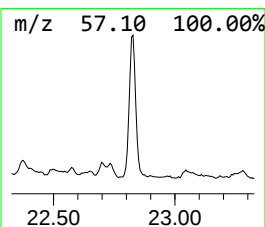
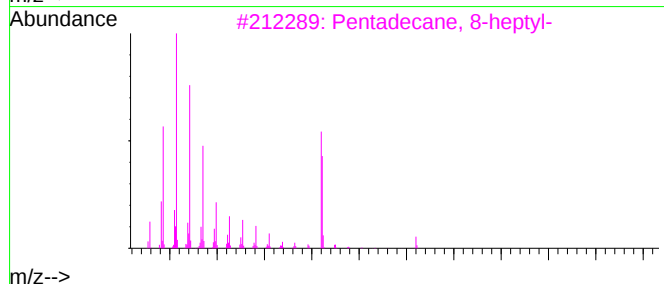
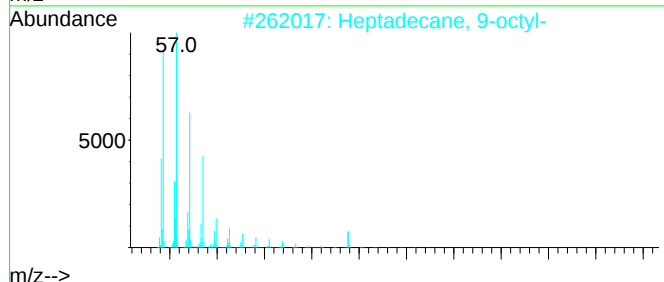
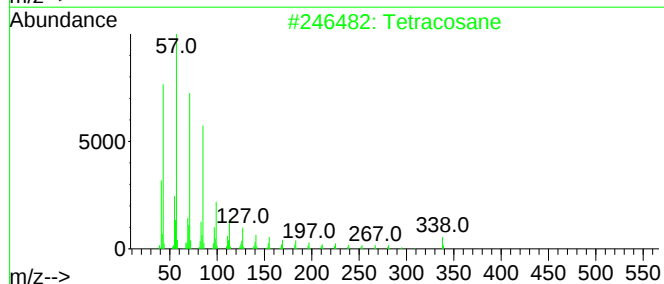
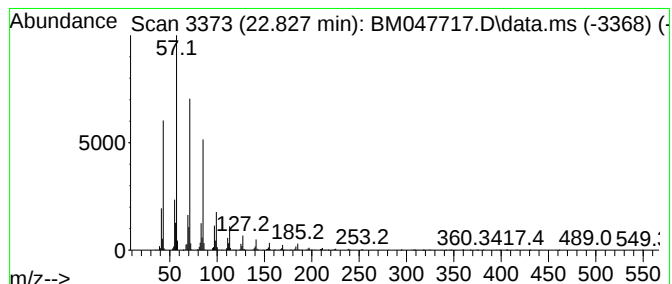
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Peak Number 59 (DEL) Alkane: Straight-Chai... Concentration Rank 24

| R.T.   | EstConc     | Area    | Relative to ISTD | R.T.   |
|--------|-------------|---------|------------------|--------|
| 22.827 | 16.03 ng/ul | 2734980 | Chrysene-d12     | 21.404 |

| Hit# | of | 5 | Tentative ID           | MW  | MolForm | CAS#        | Qual |
|------|----|---|------------------------|-----|---------|-------------|------|
| 1    |    |   | Tetracosane            | 338 | C24H50  | 000646-31-1 | 96   |
| 2    |    |   | Heptadecane, 9-octyl-  | 352 | C25H52  | 007225-64-1 | 95   |
| 3    |    |   | Pentadecane, 8-heptyl- | 310 | C22H46  | 071005-15-7 | 94   |
| 4    |    |   | Heptadecane, 9-hexyl-  | 324 | C23H48  | 055124-79-3 | 94   |
| 5    |    |   | Tetracosane            | 338 | C24H50  | 000646-31-1 | 93   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM093024\  
 Data File : BM047717.D  
 Acq On : 30 Sep 2024 14:37  
 Operator : RC/JU  
 Sample : P4018-08  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DDCB4

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... | 5.840  | 8.0     | ng/u1 | 2611990  | 1                     | 7.816  | 6548030  | 20.0 |
| (DEL) Alkane: S... | 6.875  | 8.7     | ng/u1 | 2838840  | 1                     | 7.816  | 6548030  | 20.0 |
| Mesitylene         | 7.040  | 8.9     | ng/u1 | 2918650  | 1                     | 7.816  | 6548030  | 20.0 |
| (DEL) Alkane: S... | 7.452  | 55.2    | ng/u1 | 18072000 | 1                     | 7.816  | 6548030  | 20.0 |
| 1-Hexanol, 2-et... | 7.881  | 21.0    | ng/u1 | 6861710  | 1                     | 7.816  | 6548030  | 20.0 |
| (DEL) Alkane: C... | 8.110  | 7.7     | ng/u1 | 2528730  | 1                     | 7.816  | 6548030  | 20.0 |
| (DEL) Alkane: S... | 8.357  | 16.7    | ng/u1 | 5471080  | 1                     | 7.816  | 6548030  | 20.0 |
| (DEL) Alkane: S... | 8.416  | 8.2     | ng/u1 | 2679490  | 1                     | 7.816  | 6548030  | 20.0 |
| Benzene, 2-ethy... | 8.457  | 10.4    | ng/u1 | 3420770  | 1                     | 7.816  | 6548030  | 20.0 |
| (DEL) Alkane: S... | 8.593  | 18.2    | ng/u1 | 5945390  | 1                     | 7.816  | 6548030  | 20.0 |
| Benzene, 1-meth... | 8.622  | 9.3     | ng/u1 | 3036300  | 1                     | 7.816  | 6548030  | 20.0 |
| o-Cymene           | 8.775  | 8.0     | ng/u1 | 2615590  | 1                     | 7.816  | 6548030  | 20.0 |
| Benzene, 1-meth... | 8.822  | 11.6    | ng/u1 | 3792350  | 1                     | 7.816  | 6548030  | 20.0 |
| (DEL) Alkane: S... | 9.057  | 72.8    | ng/u1 | 23830900 | 1                     | 7.816  | 6548030  | 20.0 |
| 4-Methylphenyl ... | 9.175  | 18.6    | ng/u1 | 6080680  | 1                     | 7.816  | 6548030  | 20.0 |
| unknown-01         | 9.751  | 2.1     | ng/u1 | 3723730  | 2                     | 10.610 | 35569300 | 20.0 |
| (DEL) Alkane: S... | 9.898  | 3.3     | ng/u1 | 5848360  | 2                     | 10.610 | 35569300 | 20.0 |
| unknown-02         | 10.998 | 7.4     | ng/u1 | 13104900 | 2                     | 10.610 | 35569300 | 20.0 |
| (DEL) Alkane: S... | 11.122 | 2.4     | ng/u1 | 4314430  | 2                     | 10.610 | 35569300 | 20.0 |
| unknown-03         | 11.304 | 3.0     | ng/u1 | 5395880  | 2                     | 10.610 | 35569300 | 20.0 |
| (DEL) Alkane: S... | 11.645 | 4.4     | ng/u1 | 7823670  | 2                     | 10.610 | 35569300 | 20.0 |
| Benzene, 1,3,5-... | 11.716 | 9.3     | ng/u1 | 16520600 | 2                     | 10.610 | 35569300 | 20.0 |
| (DEL) Alkane: S... | 11.881 | 2.5     | ng/u1 | 4414640  | 2                     | 10.610 | 35569300 | 20.0 |
| (DEL) Alkane: S... | 12.045 | 10.1    | ng/u1 | 17972700 | 2                     | 10.610 | 35569300 | 20.0 |
| unknown-04         | 12.081 | 2.5     | ng/u1 | 4399270  | 2                     | 10.610 | 35569300 | 20.0 |
| Razoxane           | 12.140 | 2.4     | ng/u1 | 4257310  | 2                     | 10.610 | 35569300 | 20.0 |
| unknown-05         | 12.687 | 31.4    | ng/u1 | 9470880  | 3                     | 14.451 | 6029930  | 20.0 |
| unknown-06         | 13.504 | 15.7    | ng/u1 | 4738450  | 3                     | 14.451 | 6029930  | 20.0 |
| Naphthalene, 1,... | 13.634 | 23.0    | ng/u1 | 6922370  | 3                     | 14.451 | 6029930  | 20.0 |
| Naphthalene, 2,... | 13.775 | 18.8    | ng/u1 | 5677780  | 3                     | 14.451 | 6029930  | 20.0 |
| 3-Ethyl-2,6,10-... | 13.945 | 16.7    | ng/u1 | 5041730  | 3                     | 14.451 | 6029930  | 20.0 |
| (DEL) Alkane: S... | 14.375 | 132.8   | ng/u1 | 40024500 | 3                     | 14.451 | 6029930  | 20.0 |
| unknown-07         | 14.534 | 11.6    | ng/u1 | 3486000  | 3                     | 14.451 | 6029930  | 20.0 |
| Naphthalene, 2,... | 14.851 | 12.6    | ng/u1 | 3802540  | 3                     | 14.451 | 6029930  | 20.0 |
| Naphthalene, 1,... | 14.922 | 11.8    | ng/u1 | 3570750  | 3                     | 14.451 | 6029930  | 20.0 |
| (DEL) Alkane: S... | 14.980 | 14.7    | ng/u1 | 4428720  | 3                     | 14.451 | 6029930  | 20.0 |
| 1H-Indole, 4-(3... | 15.216 | 29.7    | ng/u1 | 8951250  | 3                     | 14.451 | 6029930  | 20.0 |
| (DEL) Alkane: S... | 15.310 | 59.0    | ng/u1 | 17786000 | 3                     | 14.451 | 6029930  | 20.0 |
| (DEL) Alkane: S... | 15.716 | 21.0    | ng/u1 | 6318250  | 3                     | 14.451 | 6029930  | 20.0 |
| (DEL) Alkane: S... | 15.804 | 13.0    | ng/u1 | 3921100  | 3                     | 14.451 | 6029930  | 20.0 |
| (DEL) Alkane: S... | 15.863 | 5.0     | ng/u1 | 2546700  | 4                     | 17.198 | 10136900 | 20.0 |
| (DEL) Alkane: S... | 15.922 | 6.2     | ng/u1 | 3116170  | 4                     | 17.198 | 10136900 | 20.0 |
| (DEL) Alkane: S... | 16.169 | 29.5    | ng/u1 | 14944300 | 4                     | 17.198 | 10136900 | 20.0 |
| Acetamide, 2-(4... | 16.292 | 7.9     | ng/u1 | 4017830  | 4                     | 17.198 | 10136900 | 20.0 |
| unknown-08         | 16.363 | 8.0     | ng/u1 | 4038640  | 4                     | 17.198 | 10136900 | 20.0 |
| (DEL) Alkane: S... | 17.010 | 16.6    | ng/u1 | 8419690  | 4                     | 17.198 | 10136900 | 20.0 |
| 1,5,6,7-Tetrame... | 17.486 | 9.3     | ng/u1 | 4700260  | 4                     | 17.198 | 10136900 | 20.0 |
| (DEL) Alkane: S... | 17.692 | 18.1    | ng/u1 | 9167330  | 4                     | 17.198 | 10136900 | 20.0 |
| Azulene, 1,4-di... | 17.769 | 12.0    | ng/u1 | 6082270  | 4                     | 17.198 | 10136900 | 20.0 |
| Pentadecanoic a... | 17.863 | 5.2     | ng/u1 | 2656530  | 4                     | 17.198 | 10136900 | 20.0 |
| (DEL) Alkane: S... | 18.380 | 13.1    | ng/u1 | 6620740  | 4                     | 17.198 | 10136900 | 20.0 |
| (DEL) Alkane: S... | 19.015 | 15.8    | ng/u1 | 8005190  | 4                     | 17.198 | 10136900 | 20.0 |

|                    |        |      |       |         |   |        |         |      |
|--------------------|--------|------|-------|---------|---|--------|---------|------|
| (DEL) Alkane: S... | 20.116 | 33.0 | ng/ul | 5620460 | 5 | 21.404 | 3411500 | 20.0 |
| (DEL) Alkane: S... | 20.610 | 20.5 | ng/ul | 3498490 | 5 | 21.404 | 3411500 | 20.0 |
| Carbonic acid, ... | 21.092 | 49.3 | ng/ul | 8411860 | 5 | 21.404 | 3411500 | 20.0 |
| (DEL) Alkane: S... | 21.610 | 22.7 | ng/ul | 3872980 | 5 | 21.404 | 3411500 | 20.0 |
| Carbonic acid, ... | 22.062 | 20.3 | ng/ul | 3453320 | 5 | 21.404 | 3411500 | 20.0 |
| (DEL) Alkane: S... | 22.180 | 33.0 | ng/ul | 5637240 | 5 | 21.404 | 3411500 | 20.0 |
| (DEL) Alkane: S... | 22.827 | 16.0 | ng/ul | 2734980 | 5 | 21.404 | 3411500 | 20.0 |

Instrument :

BNA\_M

ClientSampleId :

DDCB4