

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG041124\  
 Data File : BG060868.D  
 Acq On : 11 Apr 2024 20:59  
 Operator : MA/JU  
 Sample : P2072-01 2X  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 HR-01-041024

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % 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\_G\Methods\8270-BG032924.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG060868.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         | 5.534       | 425           | 433         | 443          | rBV      | 455491         | 728769        | 3.57%           | 0.721%        |
| 2         | 7.114       | 695           | 702         | 709          | rVB      | 502183         | 835168        | 4.09%           | 0.826%        |
| 3         | 7.949       | 837           | 844         | 850          | rBV2     | 278272         | 488296        | 2.39%           | 0.483%        |
| 4         | 9.065       | 1024          | 1034        | 1036         | rBV3     | 104118         | 239055        | 1.17%           | 0.237%        |
| 5         | 9.100       | 1036          | 1040        | 1046         | rVV      | 329205         | 609025        | 2.98%           | 0.603%        |
| 6         | 9.188       | 1050          | 1055        | 1060         | rVV      | 394651         | 623065        | 3.05%           | 0.616%        |
| 7         | 9.312       | 1064          | 1076        | 1082         | rVV9     | 86568          | 263061        | 1.29%           | 0.260%        |
| 8         | 10.034      | 1190          | 1199        | 1204         | rVB3     | 112531         | 298416        | 1.46%           | 0.295%        |
| 9         | 10.105      | 1205          | 1211        | 1215         | rBV      | 139049         | 236395        | 1.16%           | 0.234%        |
| 10        | 10.293      | 1236          | 1243        | 1247         | rBV2     | 103486         | 205978        | 1.01%           | 0.204%        |
| 11        | 10.381      | 1254          | 1258        | 1265         | rVB3     | 119697         | 213914        | 1.05%           | 0.212%        |
| 12        | 10.734      | 1310          | 1318        | 1326         | rBV2     | 971614         | 1798395       | 8.80%           | 1.779%        |
| 13        | 10.922      | 1346          | 1350        | 1355         | rVB      | 250699         | 370811        | 1.81%           | 0.367%        |
| 14        | 11.462      | 1438          | 1442        | 1446         | rVV4     | 157541         | 314702        | 1.54%           | 0.311%        |
| 15        | 11.597      | 1459          | 1465        | 1471         | rBV3     | 202350         | 345796        | 1.69%           | 0.342%        |
| 16        | 11.674      | 1471          | 1478        | 1484         | rBV3     | 236506         | 540548        | 2.65%           | 0.535%        |
| 17        | 11.785      | 1491          | 1497        | 1506         | rBV4     | 342640         | 743168        | 3.64%           | 0.735%        |
| 18        | 11.938      | 1517          | 1523        | 1532         | rVB2     | 294495         | 545667        | 2.67%           | 0.540%        |
| 19        | 12.179      | 1558          | 1564        | 1575         | rBV      | 1090297        | 1757378       | 8.60%           | 1.739%        |
| 20        | 12.291      | 1580          | 1583        | 1590         | rVB3     | 130976         | 257893        | 1.26%           | 0.255%        |
| 21        | 12.402      | 1595          | 1602        | 1606         | rVB4     | 182652         | 434211        | 2.12%           | 0.430%        |
| 22        | 12.661      | 1641          | 1646        | 1651         | rVB2     | 322686         | 486447        | 2.38%           | 0.481%        |
| 23        | 12.813      | 1663          | 1672        | 1675         | rBV4     | 176202         | 370267        | 1.81%           | 0.366%        |
| 24        | 12.855      | 1675          | 1679        | 1686         | rVV4     | 174484         | 387919        | 1.90%           | 0.384%        |
| 25        | 12.919      | 1686          | 1690        | 1696         | rVV5     | 205628         | 424294        | 2.08%           | 0.420%        |
| 26        | 12.996      | 1699          | 1703        | 1708         | rVV      | 218327         | 345236        | 1.69%           | 0.342%        |
| 27        | 13.078      | 1712          | 1717        | 1722         | rBV5     | 258178         | 477249        | 2.34%           | 0.472%        |
| 28        | 13.137      | 1722          | 1727        | 1731         | rVV      | 516460         | 742236        | 3.63%           | 0.734%        |
| 29        | 13.201      | 1732          | 1738        | 1748         | rVB      | 709972         | 1195103       | 5.85%           | 1.182%        |
| 30        | 13.419      | 1768          | 1775        | 1782         | rBV      | 1571264        | 2484381       | 12.16%          | 2.458%        |
| 31        | 13.519      | 1787          | 1792        | 1799         | rVV2     | 291760         | 688130        | 3.37%           | 0.681%        |
| 32        | 13.577      | 1799          | 1802        | 1807         | rVB3     | 192181         | 291151        | 1.42%           | 0.288%        |
| 33        | 13.742      | 1824          | 1830        | 1838         | rBV8     | 173561         | 468523        | 2.29%           | 0.464%        |
| 34        | 13.865      | 1846          | 1851        | 1853         | rBV4     | 148388         | 255288        | 1.25%           | 0.253%        |
| 35        | 13.947      | 1861          | 1865        | 1869         | rBV3     | 208229         | 346349        | 1.69%           | 0.343%        |
| 36        | 14.053      | 1878          | 1883        | 1884         | rBV2     | 263548         | 354913        | 1.74%           | 0.351%        |

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 Sample : P2072-01 2X  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 HR-01-041024

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % 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\_G\Methods\8270-BG032924.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|    |        |      |      |      |      |          |          |         |         |
|----|--------|------|------|------|------|----------|----------|---------|---------|
| 37 | 14.083 | 1884 | 1888 | 1891 | rVV3 | 593671   | 937247   | 4.59%   | 0.927%  |
| 38 | 14.118 | 1891 | 1894 | 1900 | rVV  | 399028   | 635881   | 3.11%   | 0.629%  |
| 39 | 14.194 | 1904 | 1907 | 1911 | rVB  | 214001   | 263817   | 1.29%   | 0.261%  |
| 40 | 14.494 | 1953 | 1958 | 1963 | rBV  | 2166338  | 2865492  | 14.02%  | 2.835%  |
| 41 | 14.576 | 1966 | 1972 | 1982 | rVB3 | 627308   | 1263035  | 6.18%   | 1.250%  |
| 42 | 14.958 | 2030 | 2037 | 2040 | rBV3 | 216392   | 511884   | 2.50%   | 0.506%  |
| 43 | 14.999 | 2040 | 2044 | 2049 | rVB3 | 245424   | 366675   | 1.79%   | 0.363%  |
| 44 | 15.052 | 2049 | 2053 | 2056 | rBV2 | 199042   | 244440   | 1.20%   | 0.242%  |
| 45 | 15.117 | 2060 | 2064 | 2071 | rVB2 | 545336   | 898824   | 4.40%   | 0.889%  |
| 46 | 15.187 | 2072 | 2076 | 2079 | rBV  | 223229   | 342888   | 1.68%   | 0.339%  |
| 47 | 15.452 | 2116 | 2121 | 2125 | rVB  | 2265313  | 2946096  | 14.42%  | 2.915%  |
| 48 | 15.687 | 2155 | 2161 | 2165 | rVB6 | 106372   | 230665   | 1.13%   | 0.228%  |
| 49 | 15.857 | 2183 | 2190 | 2194 | rBV  | 810407   | 1421298  | 6.95%   | 1.406%  |
| 50 | 15.951 | 2202 | 2206 | 2211 | rVB  | 234942   | 331449   | 1.62%   | 0.328%  |
| 51 | 16.004 | 2211 | 2215 | 2220 | rBV3 | 323589   | 531329   | 2.60%   | 0.526%  |
| 52 | 16.068 | 2221 | 2226 | 2234 | rVB2 | 874721   | 1370341  | 6.71%   | 1.356%  |
| 53 | 16.315 | 2263 | 2268 | 2270 | rBV  | 2343830  | 3251246  | 15.91%  | 3.217%  |
| 54 | 16.339 | 2270 | 2272 | 2277 | rVB  | 891538   | 1042624  | 5.10%   | 1.032%  |
| 55 | 16.656 | 2322 | 2326 | 2329 | rBV  | 206344   | 359038   | 1.76%   | 0.355%  |
| 56 | 16.715 | 2334 | 2336 | 2342 | rVB  | 248649   | 327897   | 1.60%   | 0.324%  |
| 57 | 16.774 | 2342 | 2346 | 2350 | rBV  | 191601   | 270590   | 1.32%   | 0.268%  |
| 58 | 16.821 | 2351 | 2354 | 2358 | rBV  | 191678   | 210788   | 1.03%   | 0.209%  |
| 59 | 17.108 | 2398 | 2403 | 2407 | rBV  | 2133385  | 2703522  | 13.23%  | 2.675%  |
| 60 | 17.161 | 2407 | 2412 | 2422 | rVB  | 790683   | 1353265  | 6.62%   | 1.339%  |
| 61 | 17.326 | 2436 | 2440 | 2450 | rBV  | 534401   | 914345   | 4.47%   | 0.905%  |
| 62 | 17.578 | 2480 | 2483 | 2489 | rVB  | 198415   | 252722   | 1.24%   | 0.250%  |
| 63 | 17.643 | 2491 | 2494 | 2500 | rVB2 | 220174   | 302230   | 1.48%   | 0.299%  |
| 64 | 17.766 | 2512 | 2515 | 2520 | rVB  | 206136   | 278329   | 1.36%   | 0.275%  |
| 65 | 17.849 | 2524 | 2529 | 2533 | rBV  | 1865727  | 2312762  | 11.32%  | 2.288%  |
| 66 | 18.019 | 2552 | 2558 | 2562 | rVB  | 3050087  | 4106312  | 20.09%  | 4.063%  |
| 67 | 18.125 | 2573 | 2576 | 2581 | rBV2 | 129450   | 211937   | 1.04%   | 0.210%  |
| 68 | 18.242 | 2592 | 2596 | 2601 | rVV  | 595622   | 797657   | 3.90%   | 0.789%  |
| 69 | 18.542 | 2642 | 2647 | 2655 | rBV  | 1567142  | 2122692  | 10.39%  | 2.100%  |
| 70 | 18.777 | 2683 | 2687 | 2692 | rBV6 | 146872   | 281330   | 1.38%   | 0.278%  |
| 71 | 19.000 | 2722 | 2725 | 2730 | rBV  | 231818   | 255610   | 1.25%   | 0.253%  |
| 72 | 19.165 | 2746 | 2753 | 2756 | rBV3 | 12810991 | 20435921 | 100.00% | 20.220% |
| 73 | 19.200 | 2756 | 2759 | 2769 | rVB2 | 9901947  | 12523526 | 61.28%  | 12.391% |
| 74 | 19.323 | 2775 | 2780 | 2784 | rBV  | 1740812  | 2184816  | 10.69%  | 2.162%  |
| 75 | 19.370 | 2784 | 2788 | 2790 | rVV  | 737365   | 911509   | 4.46%   | 0.902%  |
| 76 | 19.394 | 2790 | 2792 | 2801 | rVB2 | 524667   | 818067   | 4.00%   | 0.809%  |

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Operator : MA/JU  
Sample : P2072-01 2X  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
HR-01-041024

Integration Parameters: rteint.p  
Integrator: RTE  
Smoothing : ON Filtering: 5  
Sampling : 1 Min Area: 3 % 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\_G\Methods\8270-BG032924.M  
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|    |        |      |      |      |      |         |         |       |        |
|----|--------|------|------|------|------|---------|---------|-------|--------|
| 77 | 19.511 | 2809 | 2812 | 2815 | rBV2 | 167351  | 217417  | 1.06% | 0.215% |
| 78 | 19.747 | 2848 | 2852 | 2856 | rBV  | 1072409 | 1189330 | 5.82% | 1.177% |
| 79 | 19.952 | 2882 | 2887 | 2891 | rVB  | 1283328 | 1669126 | 8.17% | 1.651% |
| 80 | 20.281 | 2939 | 2943 | 2946 | rBV  | 747042  | 926178  | 4.53% | 0.916% |
| 81 | 20.775 | 3023 | 3027 | 3034 | rVB  | 512666  | 604696  | 2.96% | 0.598% |
| 82 | 21.274 | 3109 | 3112 | 3120 | rVB  | 333235  | 471692  | 2.31% | 0.467% |
| 83 | 21.427 | 3135 | 3138 | 3141 | rBV2 | 148007  | 207053  | 1.01% | 0.205% |
| 84 | 21.591 | 3161 | 3166 | 3173 | rVB  | 568303  | 984450  | 4.82% | 0.974% |
| 85 | 21.821 | 3202 | 3205 | 3210 | rVB  | 184860  | 240131  | 1.18% | 0.238% |

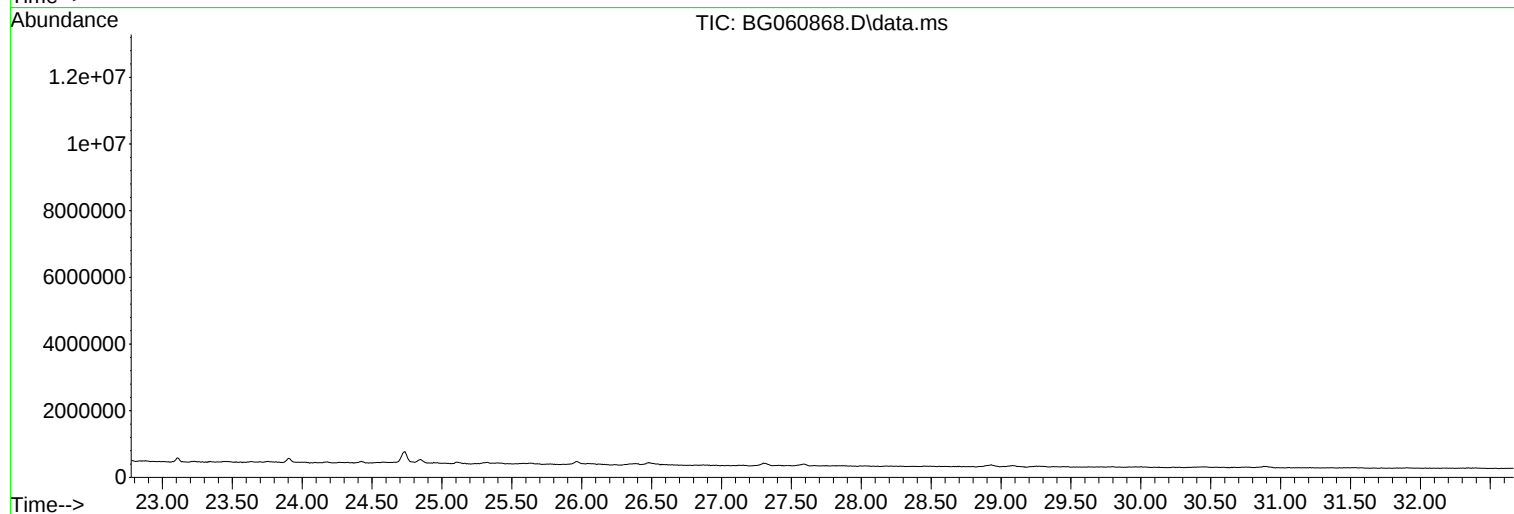
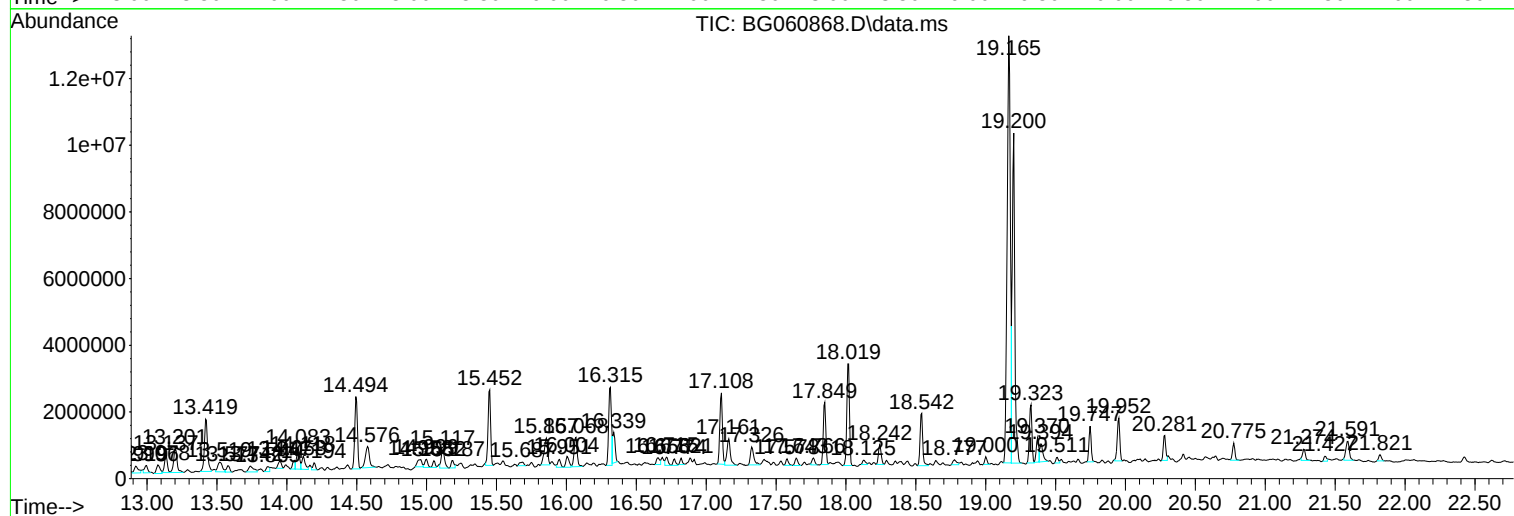
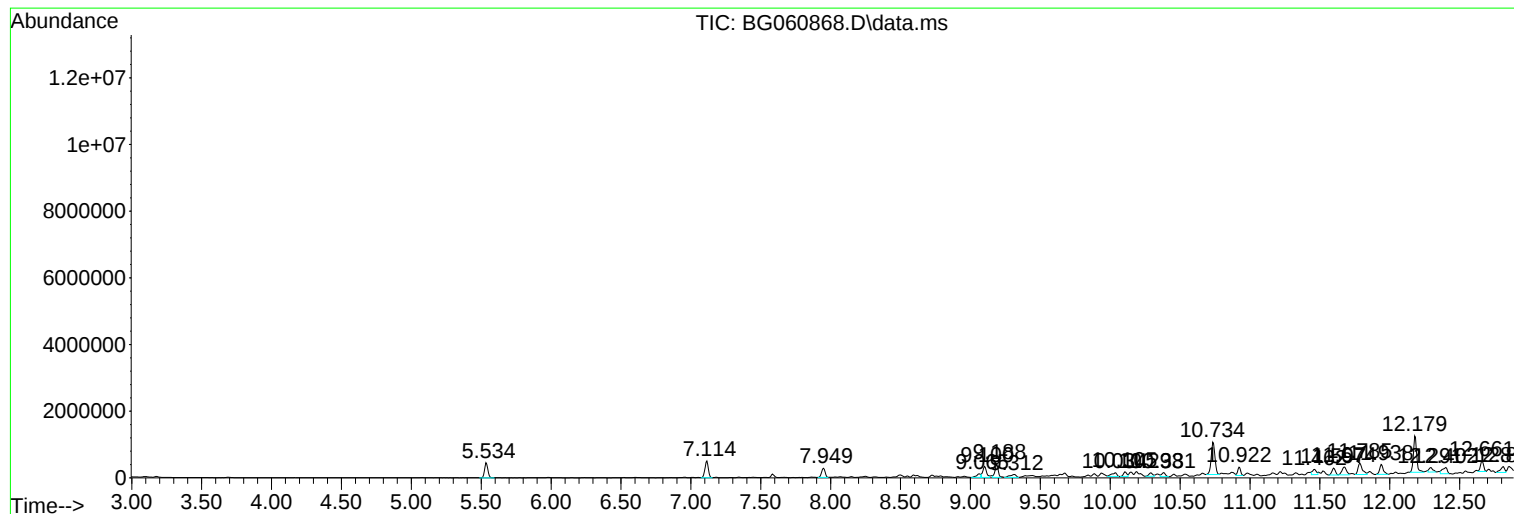
Sum of corrected areas: 101067366

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG041124\  
Data File : BG060868.D  
Acq On : 11 Apr 2024 20:59  
Operator : MA/JU  
Sample : P2072-01 2X  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
HR-01-041024

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG032924.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG041124\  
Data File : BG060868.D  
Acq On : 11 Apr 2024 20:59  
Operator : MA/JU  
Sample : P2072-01 2X  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
HR-01-041024

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG032924.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

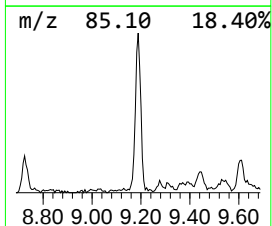
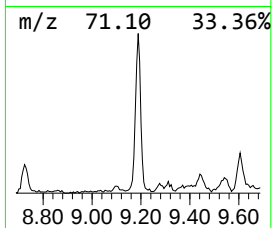
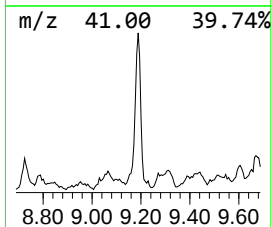
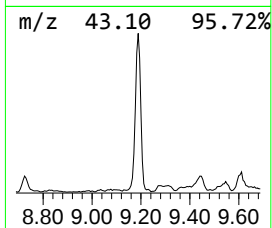
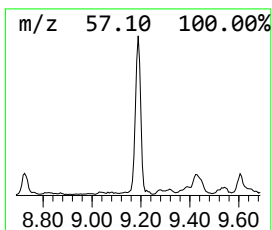
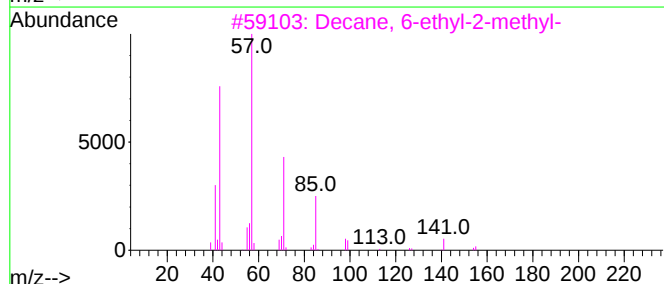
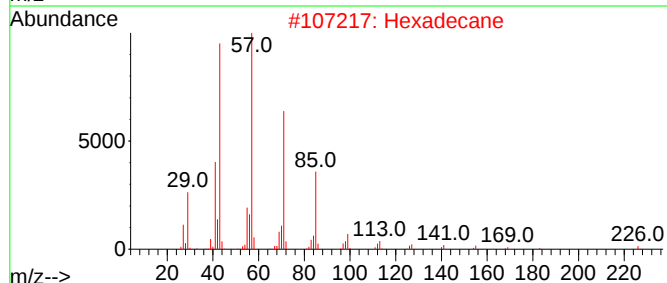
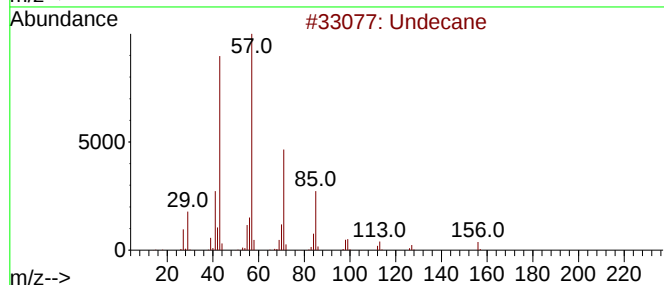
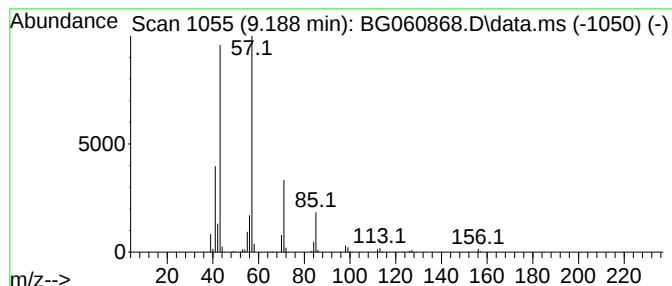
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 Undecane Concentration Rank 13

| R.T.  | EstConc  | Area   | Relative to ISTD       | R.T.  |
|-------|----------|--------|------------------------|-------|
| 9.188 | 25.52 ng | 623065 | 1,4-Dichlorobenzene-d4 | 7.949 |

| Hit# | of                        | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|---------------------------|---|--------------|-----|---------|-------------|------|
| 1    | Undecane                  |   |              | 156 | C11H24  | 001120-21-4 | 83   |
| 2    | Hexadecane                |   |              | 226 | C16H34  | 000544-76-3 | 78   |
| 3    | Decane, 6-ethyl-2-methyl- |   |              | 184 | C13H28  | 062108-21-8 | 78   |
| 4    | Tetradecane               |   |              | 198 | C14H30  | 000629-59-4 | 78   |
| 5    | Pentadecane               |   |              | 212 | C15H32  | 000629-62-9 | 72   |



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Instrument :  
BNA\_G  
ClientSampleId :  
HR-01-041024

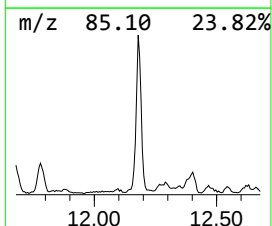
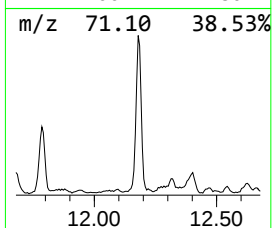
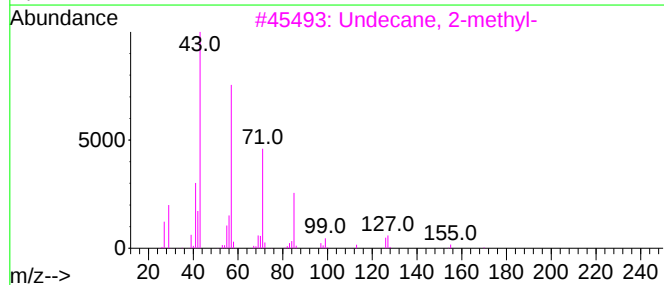
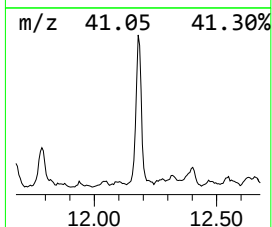
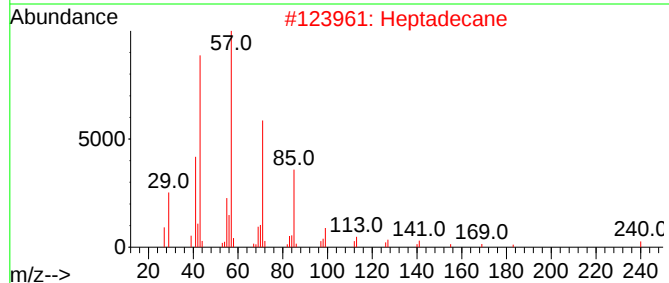
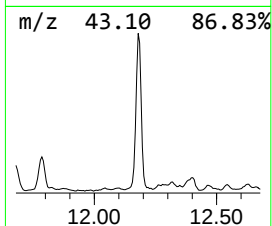
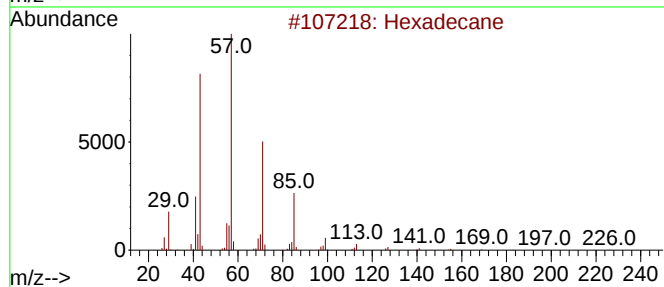
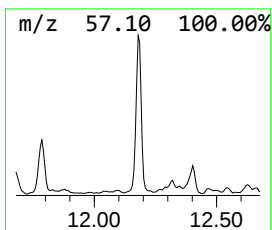
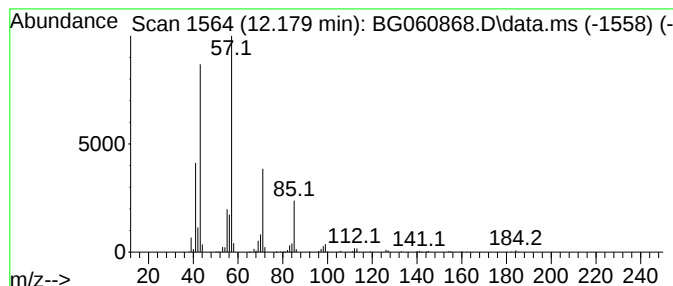
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG032924.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 2 Hexadecane Concentration Rank 18

| R.T.   | EstConc  | Area    | Relative to ISTD | R.T.   |
|--------|----------|---------|------------------|--------|
| 12.179 | 19.54 ng | 1757380 | Naphthalene-d8   | 10.745 |

| Hit# | of | 5 | Tentative ID        | MW  | MolForm | CAS#        | Qual |
|------|----|---|---------------------|-----|---------|-------------|------|
| 1    |    |   | Hexadecane          | 226 | C16H34  | 000544-76-3 | 86   |
| 2    |    |   | Heptadecane         | 240 | C17H36  | 000629-78-7 | 72   |
| 3    |    |   | Undecane, 2-methyl- | 170 | C12H26  | 007045-71-8 | 72   |
| 4    |    |   | Tridecane           | 184 | C13H28  | 000629-50-5 | 72   |
| 5    |    |   | Nonane, 5-butyl-    | 184 | C13H28  | 017312-63-9 | 72   |



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Sample : P2072-01 2X  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
HR-01-041024

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG032924.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

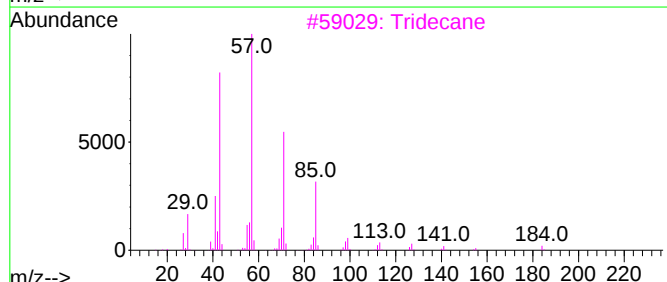
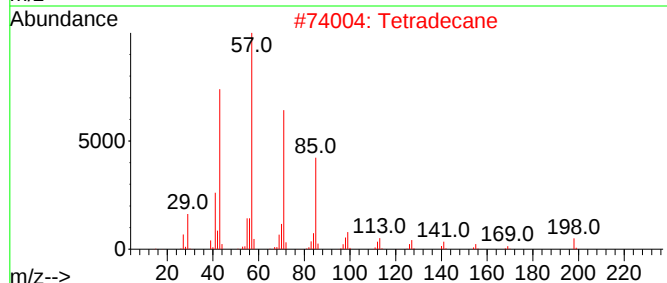
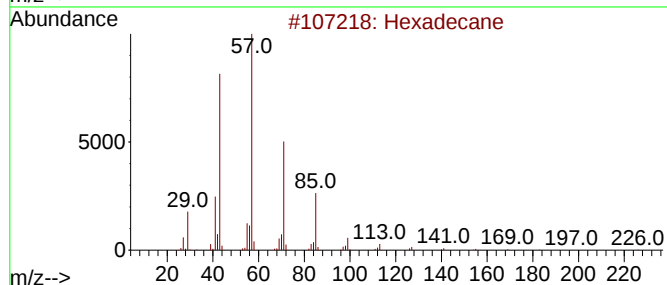
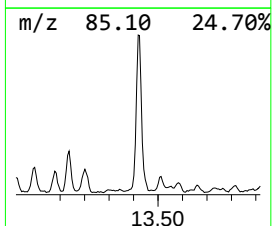
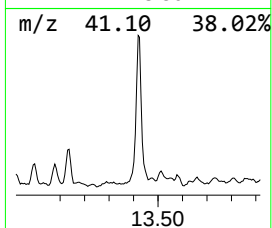
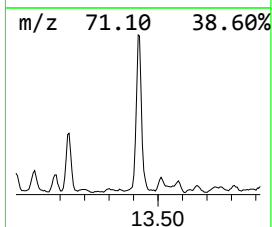
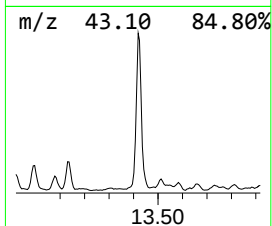
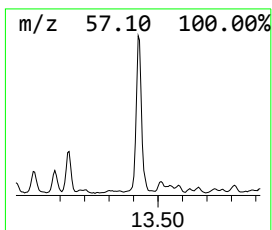
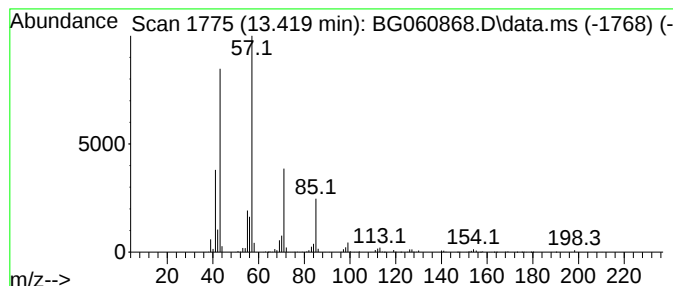
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TIC Integration Parameters: LSCINT.P

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Peak Number 3 Tetradecane Concentration Rank 11

| R.T.   | EstConc  | Area    | Relative to ISTD | R.T.   |
|--------|----------|---------|------------------|--------|
| 13.419 | 39.34 ng | 2484380 | Acenaphthene-d10 | 14.576 |

| Hit# | of | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------|-----|---------|-------------|------|
| 1    |    |   | Hexadecane   | 226 | C16H34  | 000544-76-3 | 91   |
| 2    |    |   | Tetradecane  | 198 | C14H30  | 000629-59-4 | 90   |
| 3    |    |   | Tridecane    | 184 | C13H28  | 000629-50-5 | 72   |
| 4    |    |   | Heptadecane  | 240 | C17H36  | 000629-78-7 | 72   |
| 5    |    |   | Pentadecane  | 212 | C15H32  | 000629-62-9 | 72   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG041124\  
Data File : BG060868.D  
Acq On : 11 Apr 2024 20:59  
Operator : MA/JU  
Sample : P2072-01 2X  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
HR-01-041024

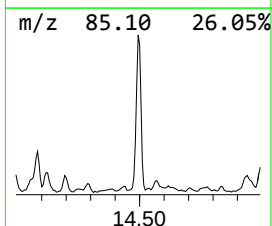
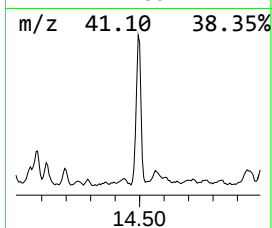
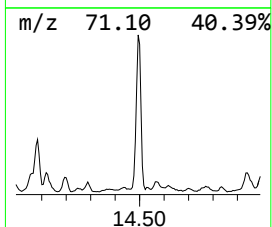
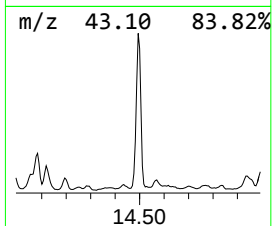
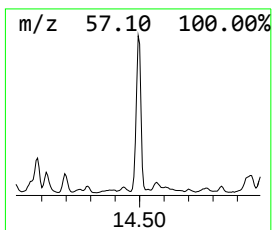
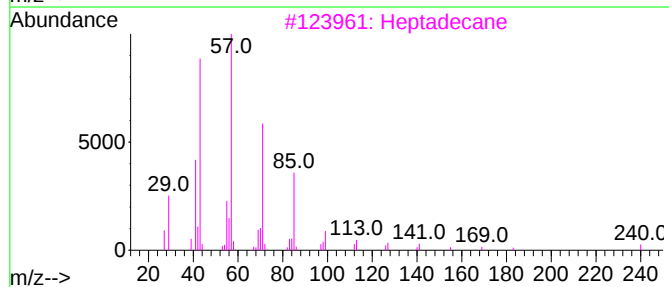
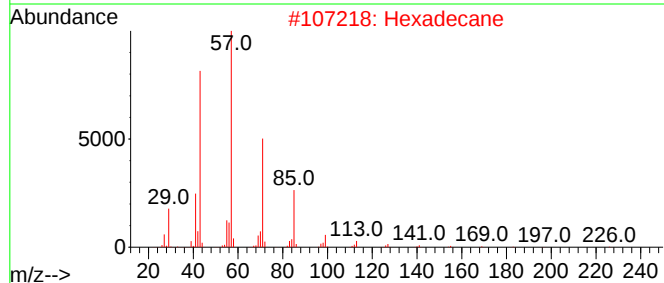
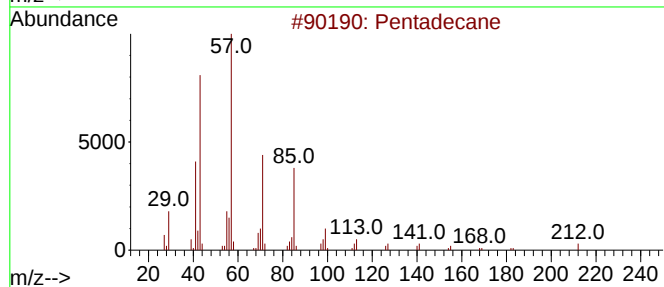
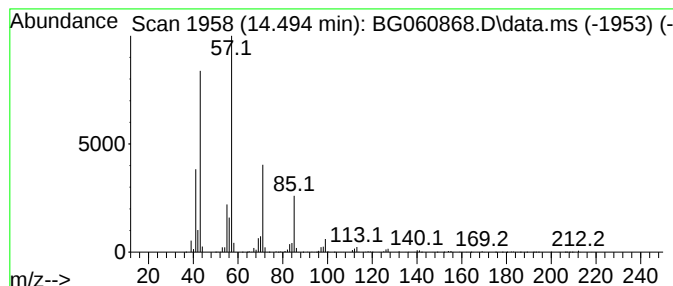
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 4 Pentadecane Concentration Rank 10

| R.T.   | EstConc  | Area    | Relative to ISTD | R.T.   |
|--------|----------|---------|------------------|--------|
| 14.494 | 45.37 ng | 2865490 | Acenaphthene-d10 | 14.576 |

| Hit# | of | 5 | Tentative ID      | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------|-----|---------|-------------|------|
| 1    |    |   | Pentadecane       | 212 | C15H32  | 000629-62-9 | 93   |
| 2    |    |   | Hexadecane        | 226 | C16H34  | 000544-76-3 | 91   |
| 3    |    |   | Heptadecane       | 240 | C17H36  | 000629-78-7 | 90   |
| 4    |    |   | Dodecane, 1-iodo- | 296 | C12H25I | 004292-19-7 | 86   |
| 5    |    |   | Nonadecane        | 268 | C19H40  | 000629-92-5 | 78   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG041124\  
Data File : BG060868.D  
Acq On : 11 Apr 2024 20:59  
Operator : MA/JU  
Sample : P2072-01 2X  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
HR-01-041024

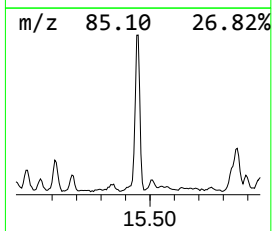
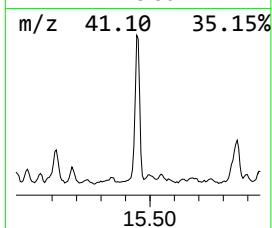
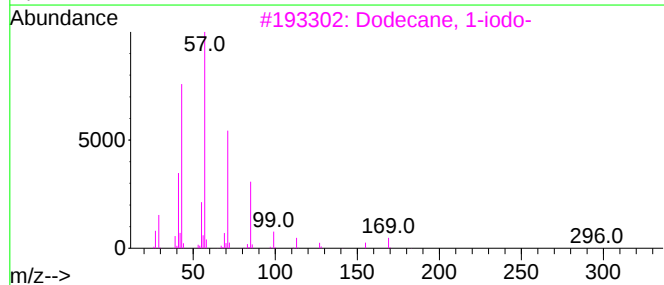
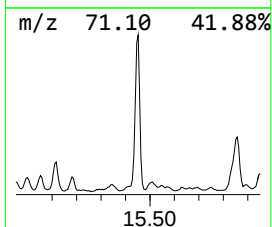
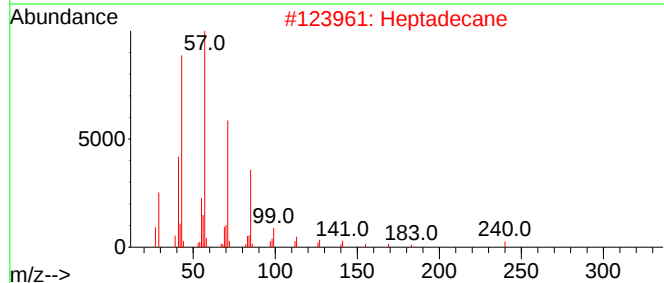
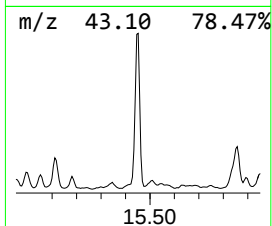
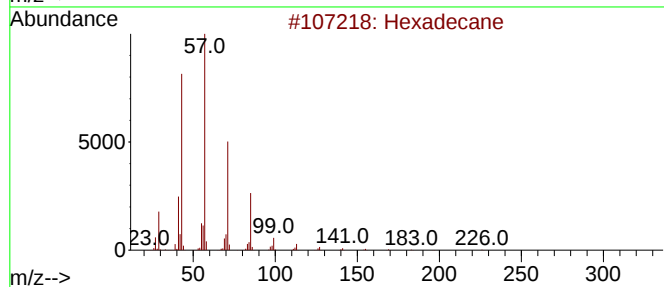
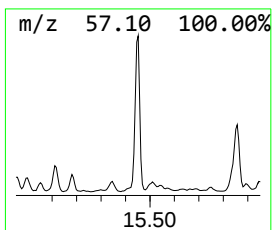
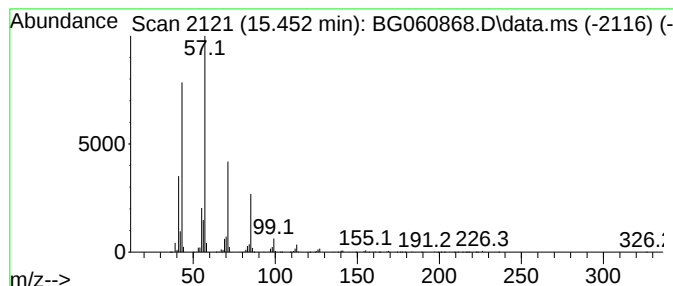
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 5 Heptadecane Concentration Rank 8

| R.T.   | EstConc  | Area    | Relative to ISTD | R.T.   |
|--------|----------|---------|------------------|--------|
| 15.452 | 46.65 ng | 2946100 | Acenaphthene-d10 | 14.576 |

| Hit# | of | 5 | Tentative ID              | MW  | MolForm | CAS#        | Qual |
|------|----|---|---------------------------|-----|---------|-------------|------|
| 1    |    |   | Hexadecane                | 226 | C16H34  | 000544-76-3 | 91   |
| 2    |    |   | Heptadecane               | 240 | C17H36  | 000629-78-7 | 90   |
| 3    |    |   | Dodecane, 1-iodo-         | 296 | C12H25I | 004292-19-7 | 86   |
| 4    |    |   | Decane, 6-ethyl-2-methyl- | 184 | C13H28  | 062108-21-8 | 83   |
| 5    |    |   | Nonane, 5-butyl-          | 184 | C13H28  | 017312-63-9 | 64   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG041124\  
Data File : BG060868.D  
Acq On : 11 Apr 2024 20:59  
Operator : MA/JU  
Sample : P2072-01 2X  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

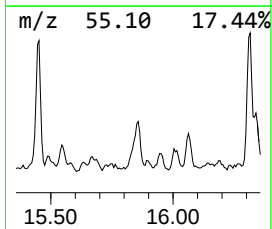
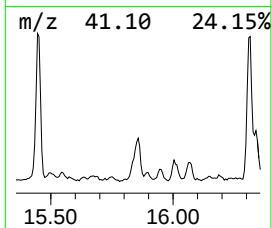
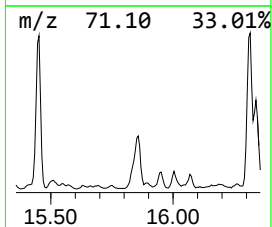
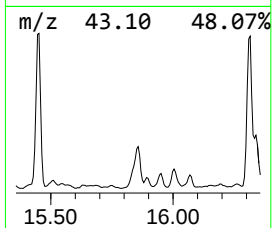
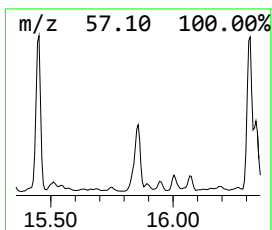
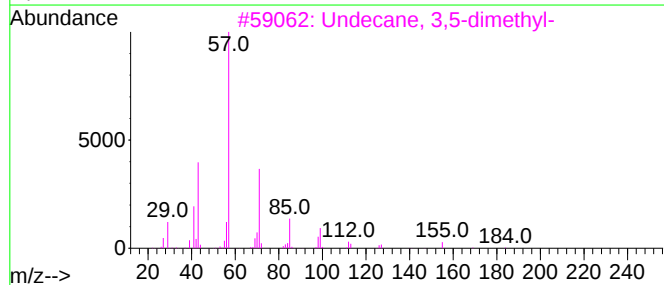
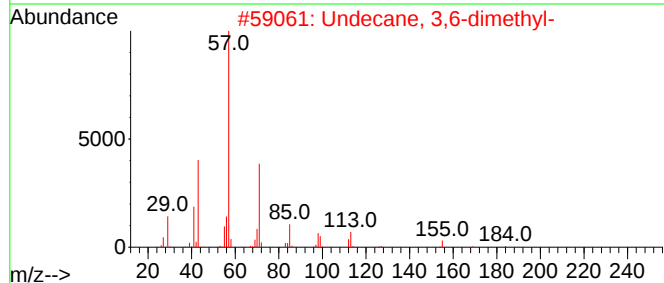
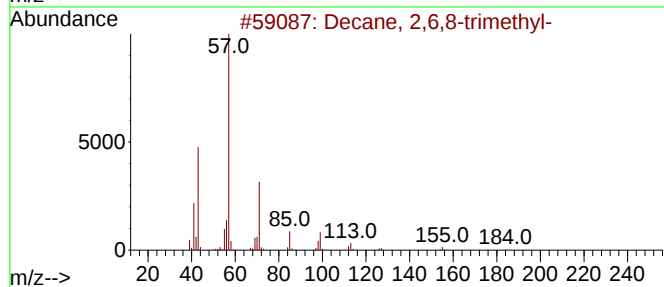
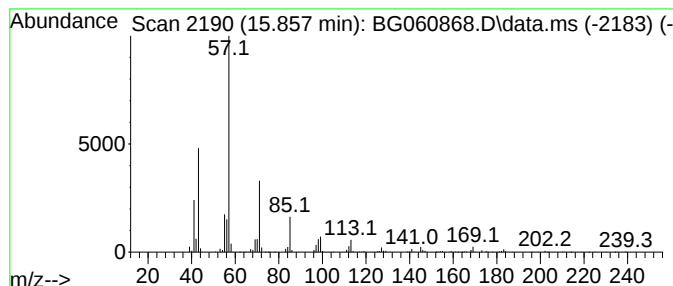
Instrument :  
BNA\_G  
ClientSampleId :  
HR-01-041024

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG032924.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 6 Decane, 2,6,8-trimethyl- Concentration Rank 16

| R.T.      | EstConc                  | Area    | Relative to ISTD | R.T.        |      |
|-----------|--------------------------|---------|------------------|-------------|------|
| 15.857    | 22.51 ng                 | 1421300 | Acenaphthene-d10 | 14.576      |      |
| Hit# of 5 | Tentative ID             | MW      | MolForm          | CAS#        | Qual |
| 1         | Decane, 2,6,8-trimethyl- | 184     | C13H28           | 062108-26-3 | 93   |
| 2         | Undecane, 3,6-dimethyl-  | 184     | C13H28           | 017301-28-9 | 93   |
| 3         | Undecane, 3,5-dimethyl-  | 184     | C13H28           | 017312-81-1 | 87   |
| 4         | Undecane, 2,6-dimethyl-  | 184     | C13H28           | 017301-23-4 | 81   |
| 5         | Undecane, 2,5-dimethyl-  | 184     | C13H28           | 017301-22-3 | 80   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG041124\  
Data File : BG060868.D  
Acq On : 11 Apr 2024 20:59  
Operator : MA/JU  
Sample : P2072-01 2X  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
HR-01-041024

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG032924.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

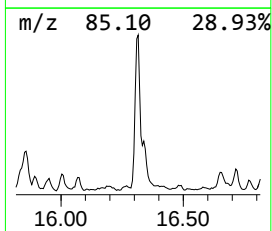
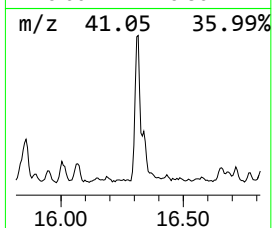
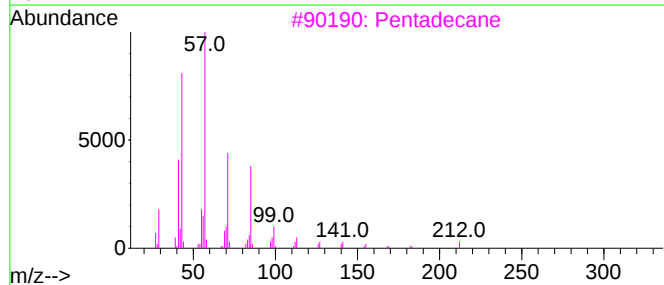
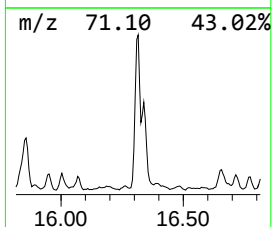
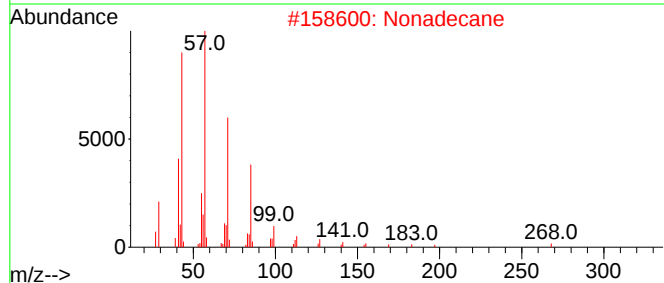
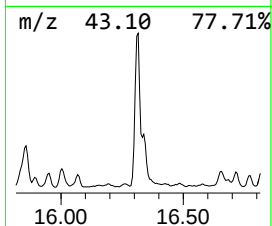
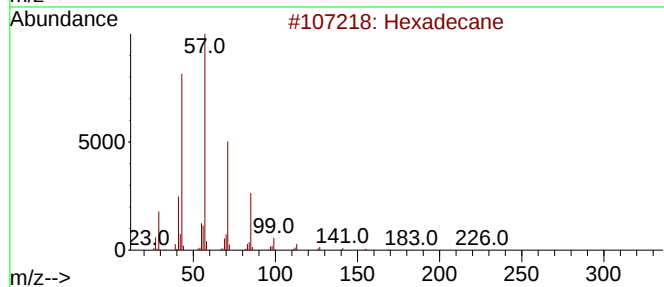
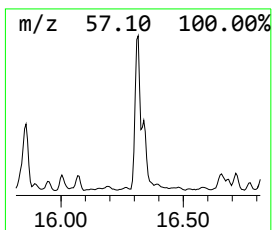
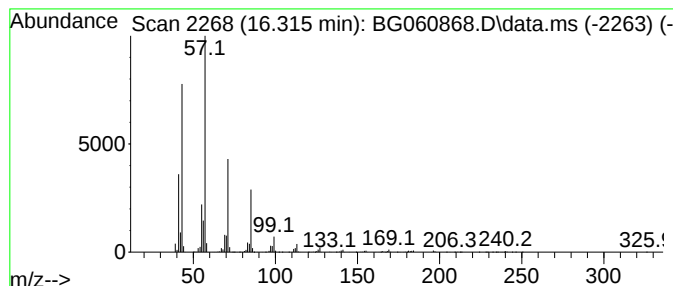
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 7 Nonadecane Concentration Rank 4

| R.T.   | EstConc  | Area    | Relative to ISTD | R.T.   |
|--------|----------|---------|------------------|--------|
| 16.315 | 71.12 ng | 3251250 | Phenanthrene-d10 | 17.326 |

| Hit# | of | 5 | Tentative ID        | MW  | MolForm | CAS#        | Qual |
|------|----|---|---------------------|-----|---------|-------------|------|
| 1    |    |   | Hexadecane          | 226 | C16H34  | 000544-76-3 | 91   |
| 2    |    |   | Nonadecane          | 268 | C19H40  | 000629-92-5 | 90   |
| 3    |    |   | Pentadecane         | 212 | C15H32  | 000629-62-9 | 86   |
| 4    |    |   | Tridecane, 7-hexyl- | 268 | C19H40  | 007225-66-3 | 86   |
| 5    |    |   | Dodecane, 1-iodo-   | 296 | C12H25I | 004292-19-7 | 86   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG041124\  
Data File : BG060868.D  
Acq On : 11 Apr 2024 20:59  
Operator : MA/JU  
Sample : P2072-01 2X  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
HR-01-041024

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG032924.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

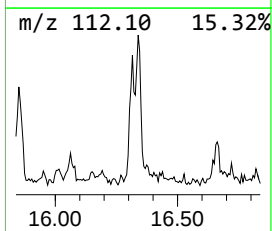
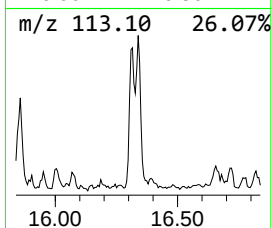
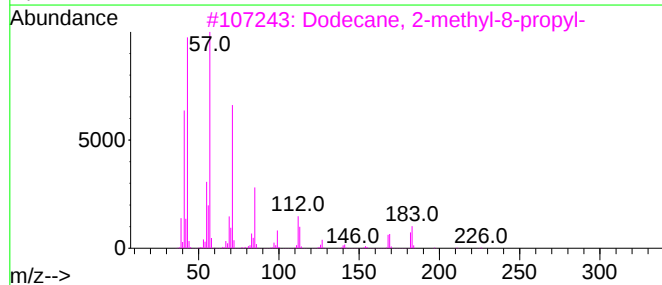
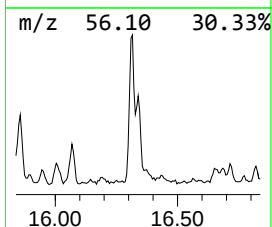
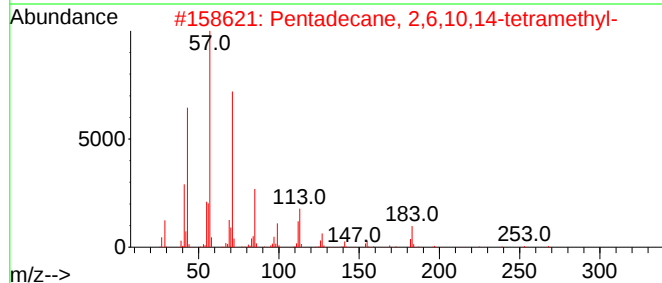
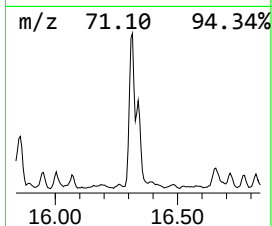
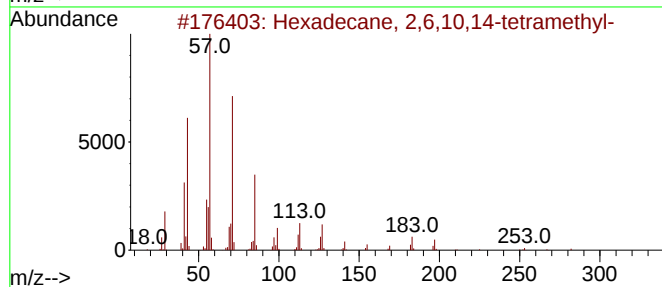
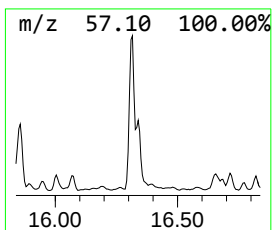
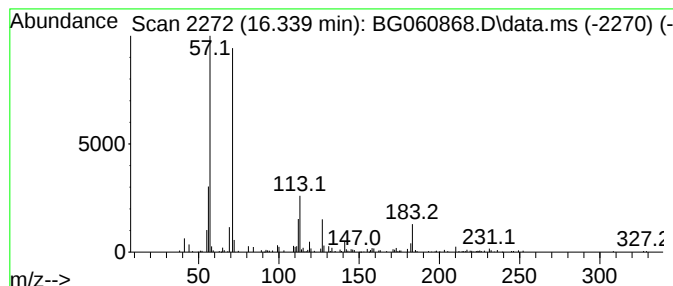
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Peak Number 8 Hexadecane, 2,6,10,14-tetra... Concentration Rank 15

| R.T.   | EstConc  | Area    | Relative to ISTD | R.T.   |
|--------|----------|---------|------------------|--------|
| 16.339 | 22.81 ng | 1042620 | Phenanthrene-d10 | 17.326 |

| Hit# | of 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|------|-------------------------------------|-----|---------|-------------|------|
| 1    |      | Hexadecane, 2,6,10,14-tetramethyl-  | 282 | C20H42  | 000638-36-8 | 78   |
| 2    |      | Pentadecane, 2,6,10,14-tetramethyl- | 268 | C19H40  | 001921-70-6 | 74   |
| 3    |      | Dodecane, 2-methyl-8-propyl-        | 226 | C16H34  | 055045-07-3 | 56   |
| 4    |      | 3-Bromooctane                       | 192 | C8H17Br | 000999-64-4 | 53   |
| 5    |      | Octane, 3,6-dimethyl-               | 142 | C10H22  | 015869-94-0 | 50   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG041124\  
Data File : BG060868.D  
Acq On : 11 Apr 2024 20:59  
Operator : MA/JU  
Sample : P2072-01 2X  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
HR-01-041024

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG032924.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

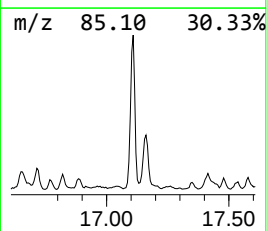
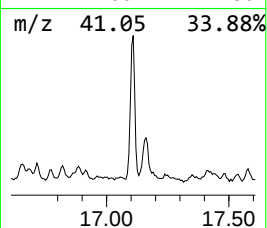
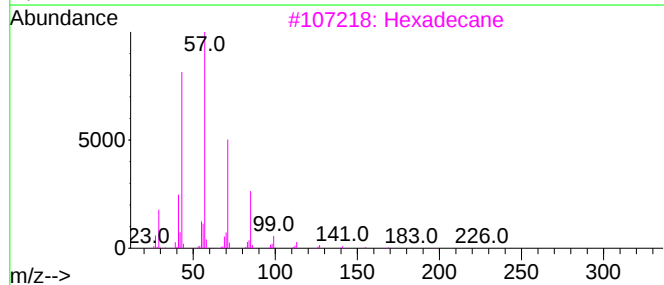
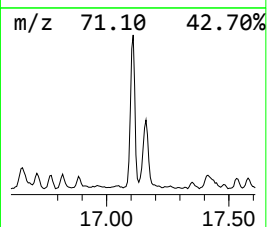
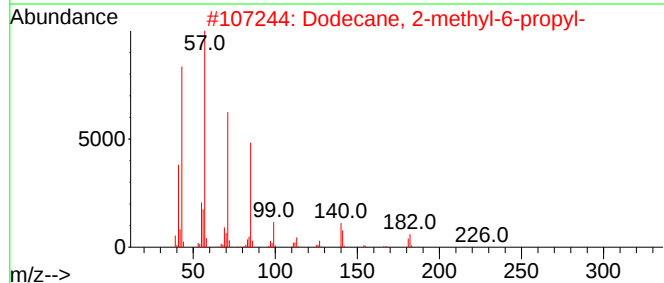
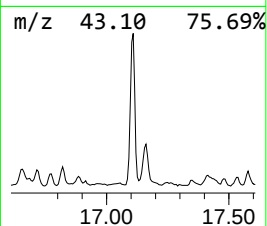
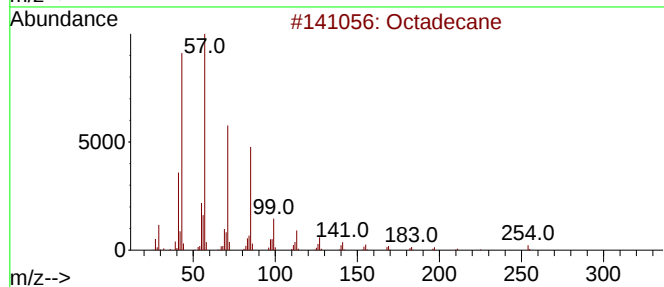
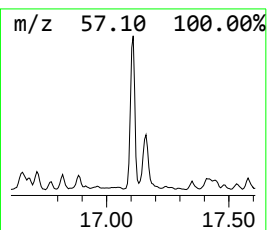
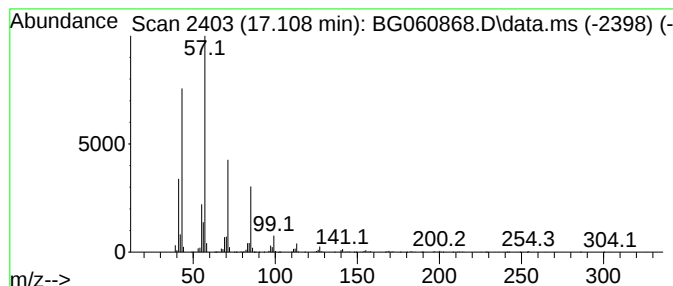
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TIC Integration Parameters: LSCINT.P

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Peak Number 9 Octadecane Concentration Rank 5

| R.T.   | EstConc  | Area    | Relative to ISTD | R.T.   |
|--------|----------|---------|------------------|--------|
| 17.108 | 59.14 ng | 2703520 | Phenanthrene-d10 | 17.326 |

| Hit# | of | 5 | Tentative ID                 | MW  | MolForm | CAS#        | Qual |
|------|----|---|------------------------------|-----|---------|-------------|------|
| 1    |    |   | Octadecane                   | 254 | C18H38  | 000593-45-3 | 93   |
| 2    |    |   | Dodecane, 2-methyl-6-propyl- | 226 | C16H34  | 055045-08-4 | 91   |
| 3    |    |   | Hexadecane                   | 226 | C16H34  | 000544-76-3 | 91   |
| 4    |    |   | Eicosane                     | 282 | C20H42  | 000112-95-8 | 90   |
| 5    |    |   | Nonadecane                   | 268 | C19H40  | 000629-92-5 | 80   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG041124\  
Data File : BG060868.D  
Acq On : 11 Apr 2024 20:59  
Operator : MA/JU  
Sample : P2072-01 2X  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
HR-01-041024

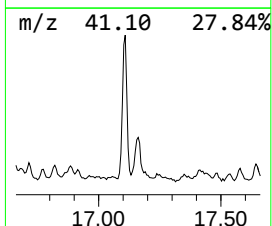
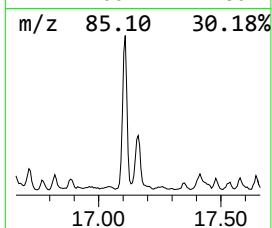
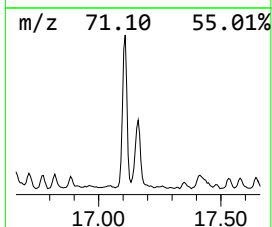
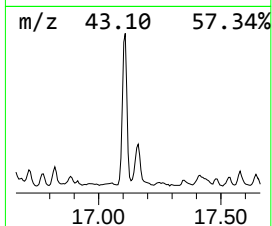
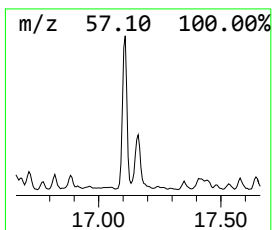
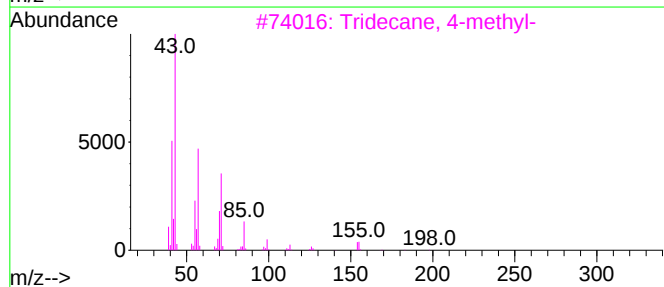
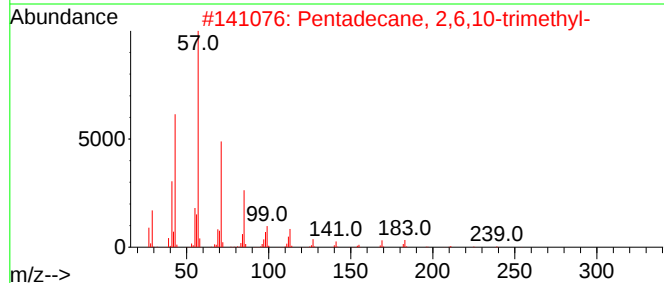
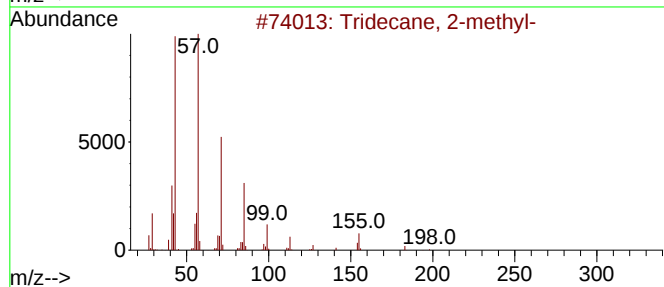
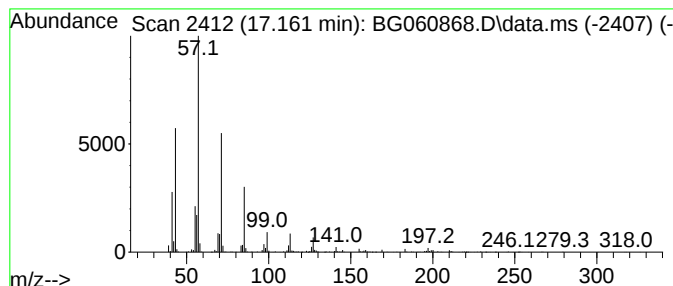
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 10 Tridecane, 2-methyl- Concentration Rank 12

| R.T.   | EstConc  | Area    | Relative to ISTD | R.T.   |
|--------|----------|---------|------------------|--------|
| 17.161 | 29.60 ng | 1353270 | Phenanthrene-d10 | 17.326 |

| Hit# | of 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|------|-------------------------------------|-----|---------|-------------|------|
| 1    |      | Tridecane, 2-methyl-                | 198 | C14H30  | 001560-96-9 | 90   |
| 2    |      | Pentadecane, 2,6,10-trimethyl-      | 254 | C18H38  | 003892-00-0 | 90   |
| 3    |      | Tridecane, 4-methyl-                | 198 | C14H30  | 026730-12-1 | 86   |
| 4    |      | Heptadecane, 2,6,10,15-tetramethyl- | 296 | C21H44  | 054833-48-6 | 80   |
| 5    |      | Heptacosane                         | 380 | C27H56  | 000593-49-7 | 80   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG041124\  
Data File : BG060868.D  
Acq On : 11 Apr 2024 20:59  
Operator : MA/JU  
Sample : P2072-01 2X  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
HR-01-041024

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG032924.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

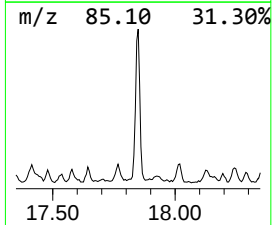
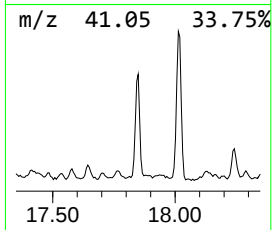
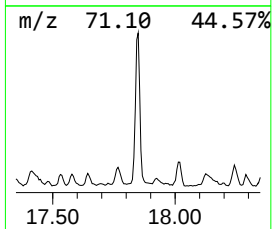
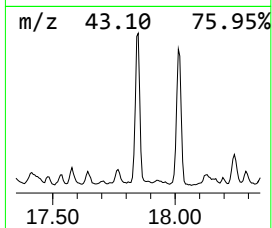
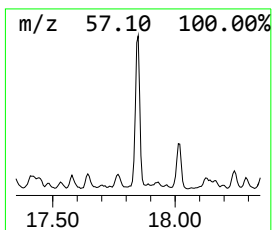
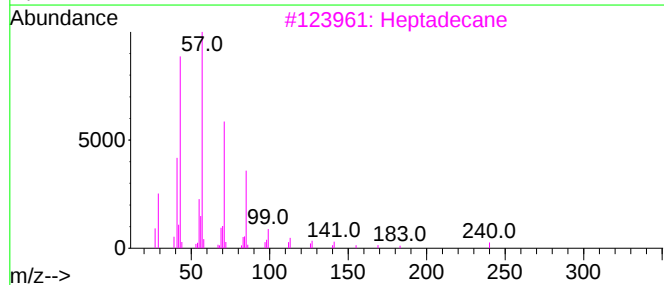
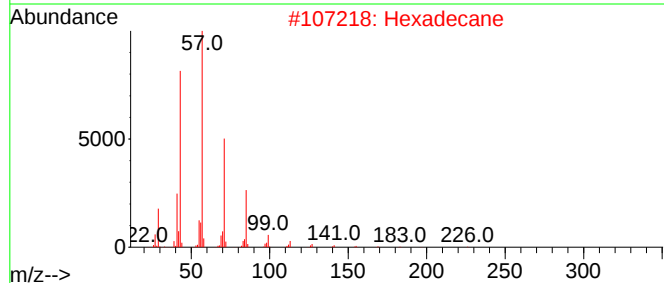
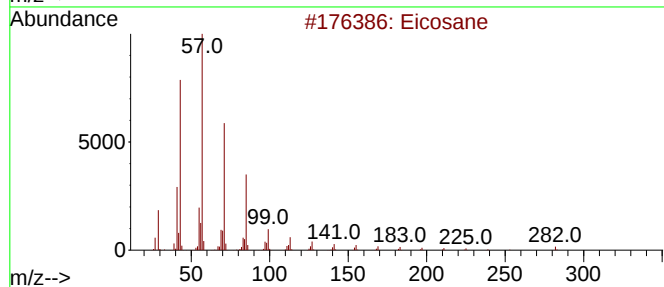
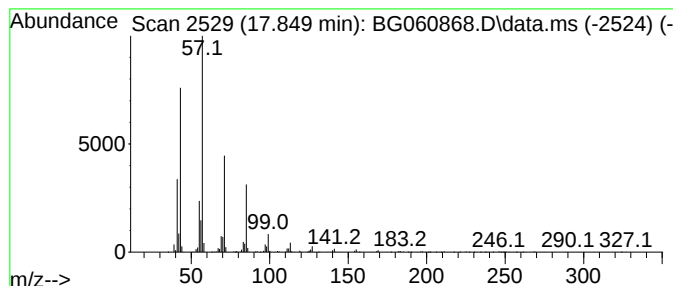
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Peak Number 11 Eicosane Concentration Rank 6

| R.T.   | EstConc  | Area    | Relative to ISTD | R.T.   |
|--------|----------|---------|------------------|--------|
| 17.849 | 50.59 ng | 2312760 | Phenanthrene-d10 | 17.326 |

| Hit# | of 5        | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|-------------|--------------|-----|---------|-------------|------|
| 1    | Eicosane    |              | 282 | C20H42  | 000112-95-8 | 91   |
| 2    | Hexadecane  |              | 226 | C16H34  | 000544-76-3 | 91   |
| 3    | Heptadecane |              | 240 | C17H36  | 000629-78-7 | 90   |
| 4    | Nonadecane  |              | 268 | C19H40  | 000629-92-5 | 87   |
| 5    | Octadecane  |              | 254 | C18H38  | 000593-45-3 | 86   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG041124\  
Data File : BG060868.D  
Acq On : 11 Apr 2024 20:59  
Operator : MA/JU  
Sample : P2072-01 2X  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
HR-01-041024

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG032924.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

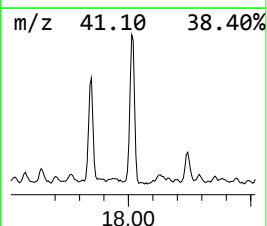
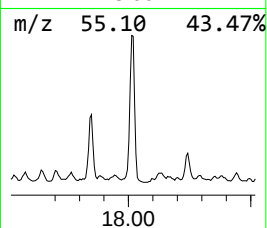
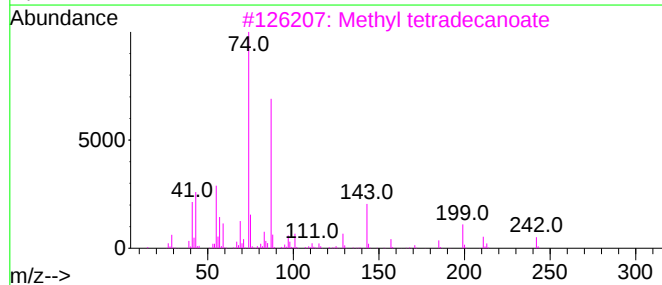
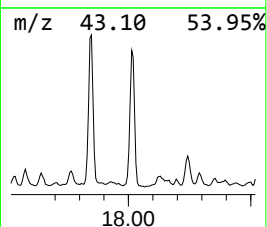
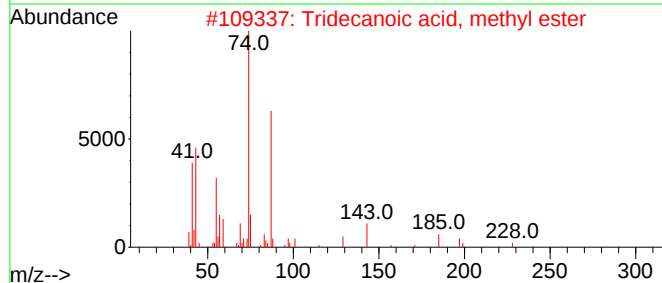
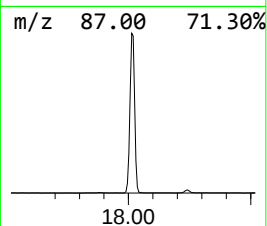
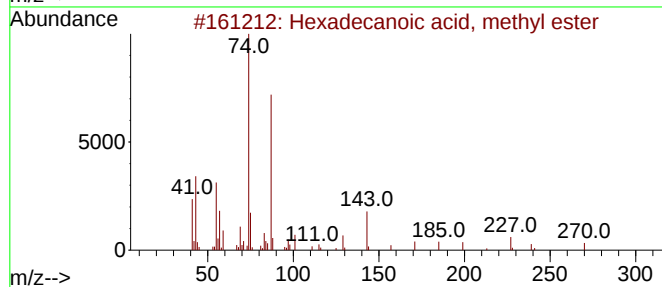
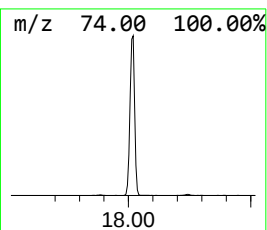
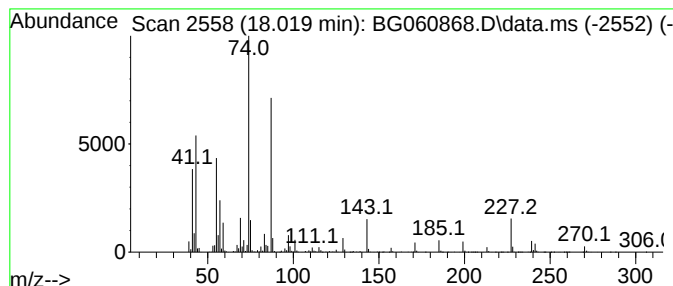
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 12 Hexadecanoic acid, methyl e... Concentration Rank 3

| R.T.   | EstConc  | Area    | Relative to ISTD | R.T.   |
|--------|----------|---------|------------------|--------|
| 18.019 | 89.82 ng | 4106310 | Phenanthrene-d10 | 17.326 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | Hexadecanoic acid, methyl ester     | 270 | C17H34O2 | 000112-39-0 | 97   |
| 2    |    |   | Tridecanoic acid, methyl ester      | 228 | C14H28O2 | 001731-88-0 | 93   |
| 3    |    |   | Methyl tetradecanoate               | 242 | C15H30O2 | 000124-10-7 | 87   |
| 4    |    |   | Dodecanoic acid, 10-methyl-, met... | 228 | C14H28O2 | 005129-65-7 | 83   |
| 5    |    |   | Pentadecanoic acid, 14-methyl-, ... | 270 | C17H34O2 | 005129-60-2 | 74   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG041124\  
Data File : BG060868.D  
Acq On : 11 Apr 2024 20:59  
Operator : MA/JU  
Sample : P2072-01 2X  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

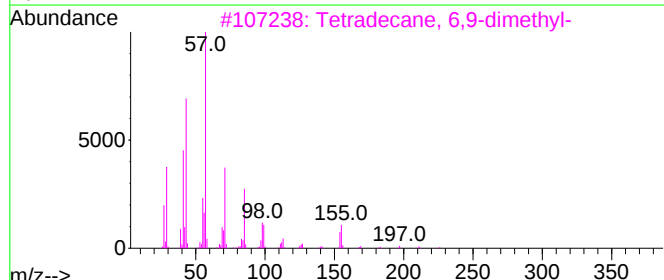
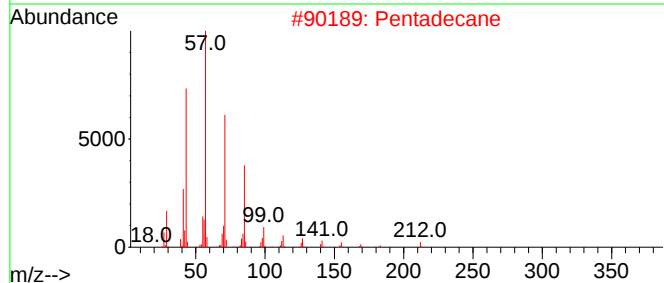
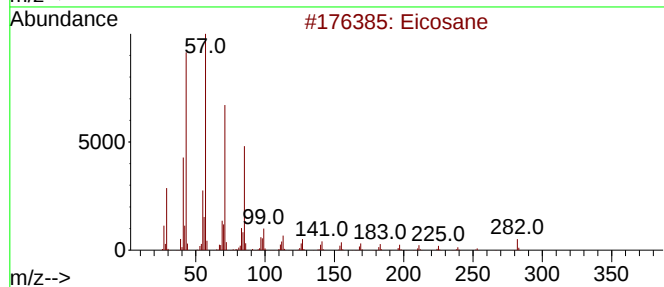
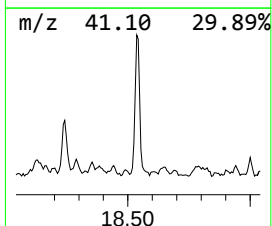
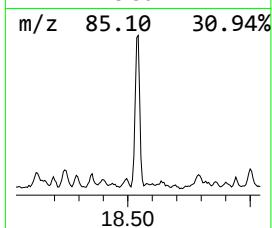
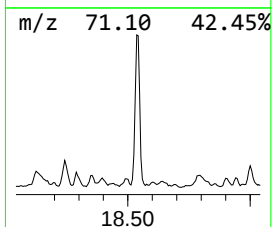
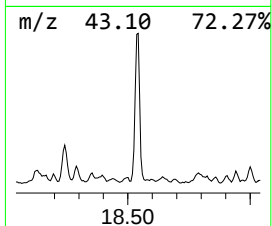
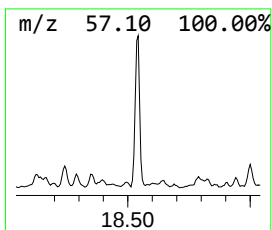
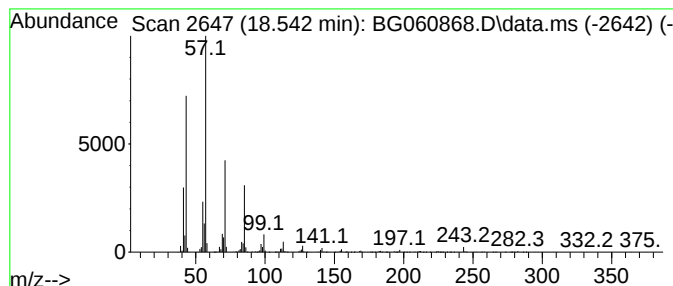
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ClientSampleId :  
HR-01-041024

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG032924.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 13 Tetradecane, 6,9-dimethyl- Concentration Rank 9

| R.T.      | EstConc                    | Area    | Relative to ISTD |         | R.T.        |      |
|-----------|----------------------------|---------|------------------|---------|-------------|------|
| 18.542    | 46.43 ng                   | 2122690 | Phenanthrene-d10 |         | 17.326      |      |
| Hit# of 5 | Tentative ID               |         | MW               | MolForm | CAS#        | Qual |
| 1         | Eicosane                   |         | 282              | C20H42  | 000112-95-8 | 97   |
| 2         | Pentadecane                |         | 212              | C15H32  | 000629-62-9 | 94   |
| 3         | Tetradecane, 6,9-dimethyl- |         | 226              | C16H34  | 055045-13-1 | 90   |
| 4         | Hexadecane                 |         | 226              | C16H34  | 000544-76-3 | 87   |
| 5         | Tridecane, 7-hexyl-        |         | 268              | C19H40  | 007225-66-3 | 80   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG041124\  
Data File : BG060868.D  
Acq On : 11 Apr 2024 20:59  
Operator : MA/JU  
Sample : P2072-01 2X  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
HR-01-041024

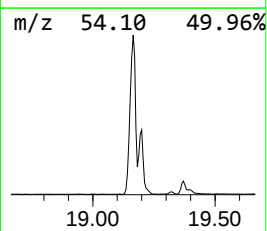
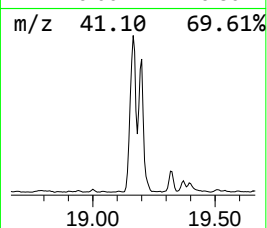
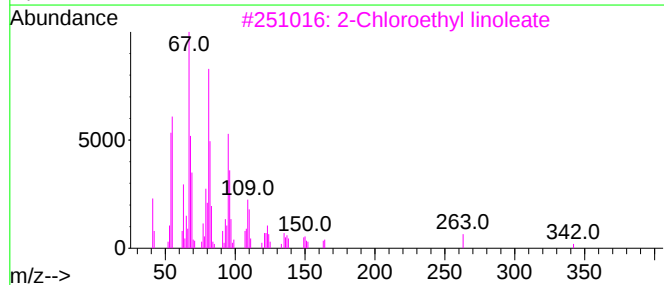
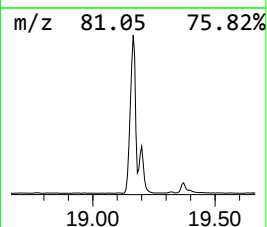
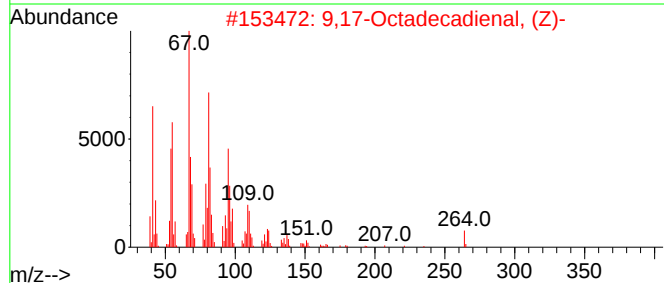
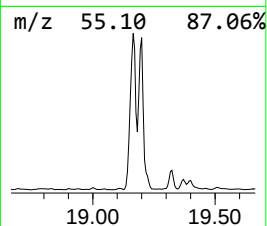
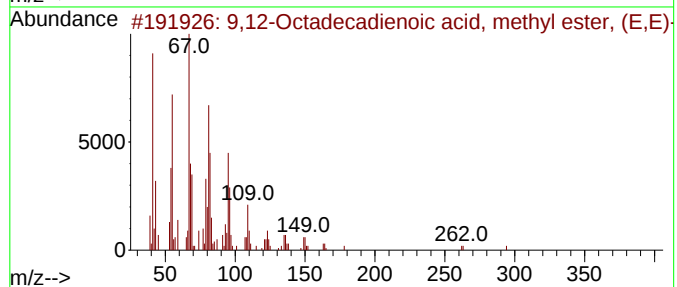
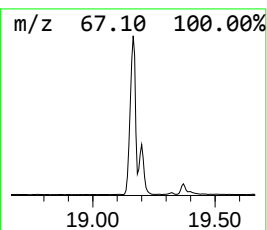
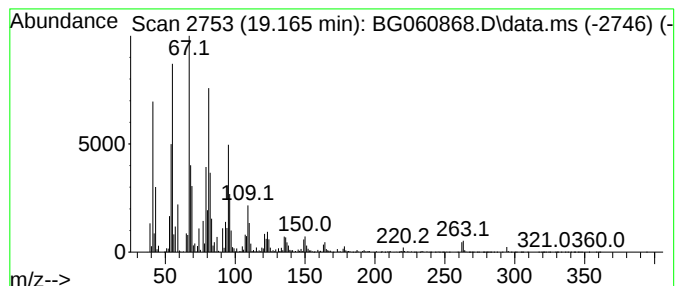
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 14 9,12-Octadecadienoic acid, ... Concentration Rank 1

| R.T.      | EstConc                             | Area     | Relative to ISTD | R.T.        |      |
|-----------|-------------------------------------|----------|------------------|-------------|------|
| 19.165    | 447.01 ng                           | 20435900 | Phenanthrene-d10 | 17.326      |      |
| Hit# of 5 | Tentative ID                        | MW       | MolForm          | CAS#        | Qual |
| 1         | 9,12-Octadecadienoic acid, methy... | 294      | C19H34O2         | 002566-97-4 | 99   |
| 2         | 9,17-Octadecadienal, (Z)-           | 264      | C18H32O          | 056554-35-9 | 97   |
| 3         | 2-Chloroethyl linoleate             | 342      | C20H35ClO2       | 025525-76-2 | 93   |
| 4         | Methyl 9-cis,11-trans-octadecadi... | 294      | C19H34O2         | 013058-52-1 | 93   |
| 5         | 9,12-Octadecadienoic acid, methy... | 294      | C19H34O2         | 002462-85-3 | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG041124\  
Data File : BG060868.D  
Acq On : 11 Apr 2024 20:59  
Operator : MA/JU  
Sample : P2072-01 2X  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
HR-01-041024

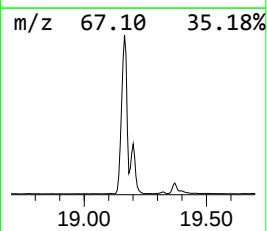
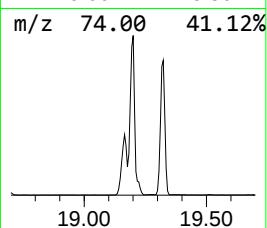
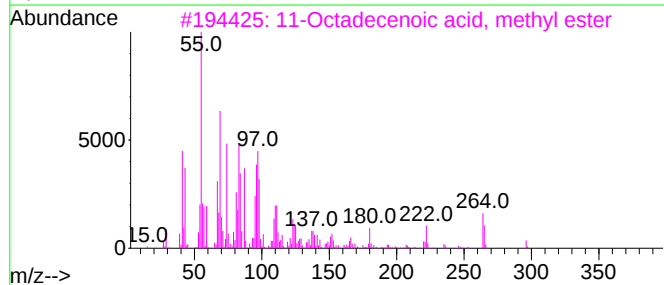
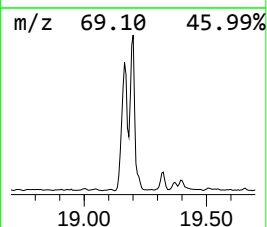
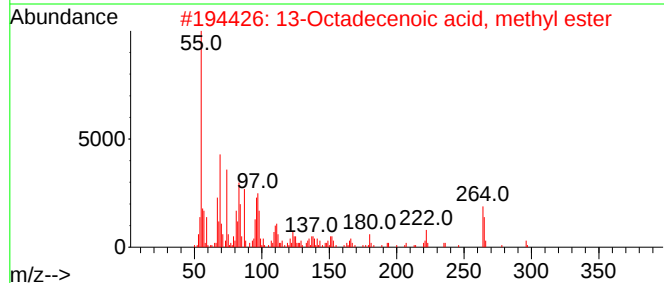
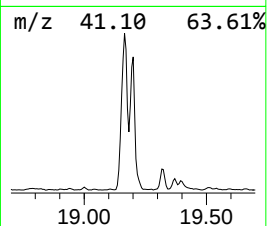
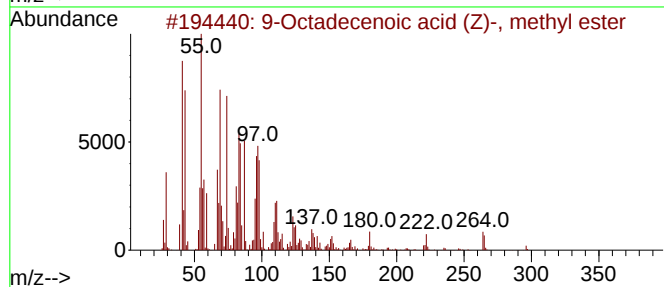
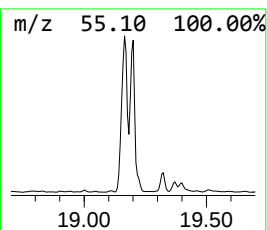
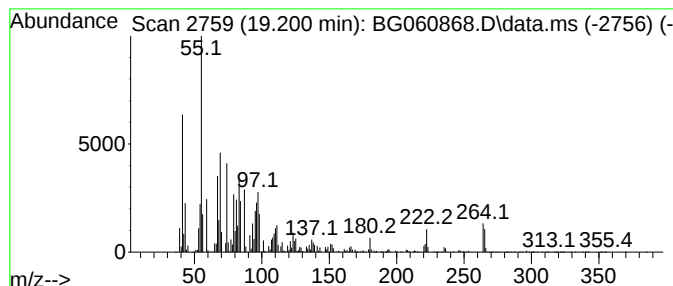
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 15 9-Octadecenoic acid (Z)-, m... Concentration Rank 2

| R.T.      | EstConc                             | Area     | Relative to ISTD | R.T.         |      |
|-----------|-------------------------------------|----------|------------------|--------------|------|
| 19.200    | 273.93 ng                           | 12523500 | Phenanthrene-d10 | 17.326       |      |
| Hit# of 5 | Tentative ID                        | MW       | MolForm          | CAS#         | Qual |
| 1         | 9-Octadecenoic acid (Z)-, methyl... | 296      | C19H36O2         | 000112-62-9  | 91   |
| 2         | 13-Octadecenoic acid, methyl ester  | 296      | C19H36O2         | 056554-47-3  | 91   |
| 3         | 11-Octadecenoic acid, methyl ester  | 296      | C19H36O2         | 052380-33-3  | 91   |
| 4         | trans-13-Octadecenoic acid, meth... | 296      | C19H36O2         | 1000333-61-3 | 90   |
| 5         | 10-Octadecenoic acid, methyl ester  | 296      | C19H36O2         | 013481-95-3  | 90   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG041124\  
Data File : BG060868.D  
Acq On : 11 Apr 2024 20:59  
Operator : MA/JU  
Sample : P2072-01 2X  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
HR-01-041024

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG032924.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

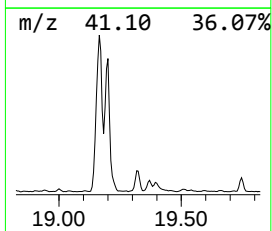
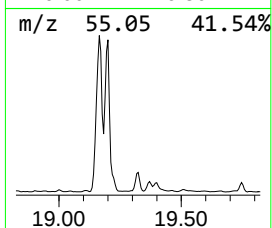
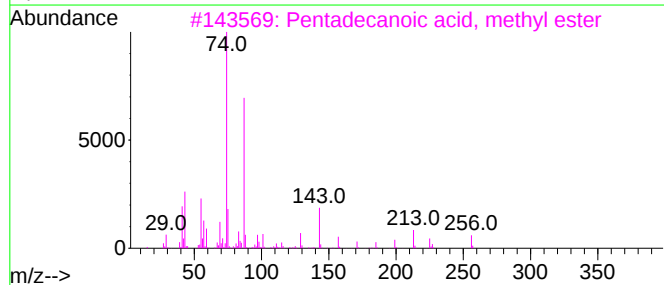
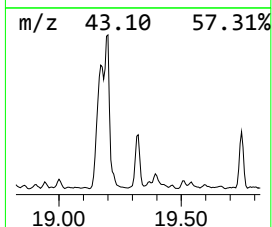
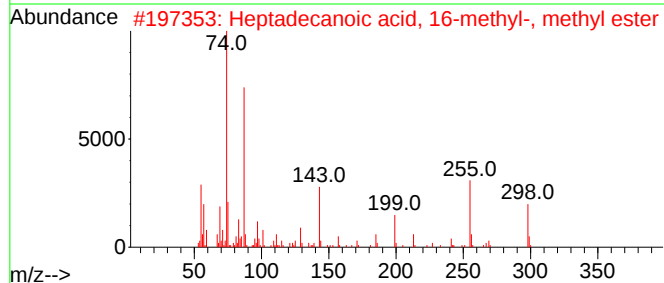
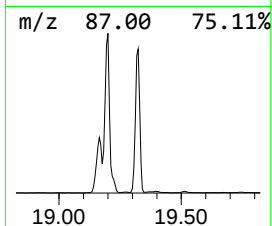
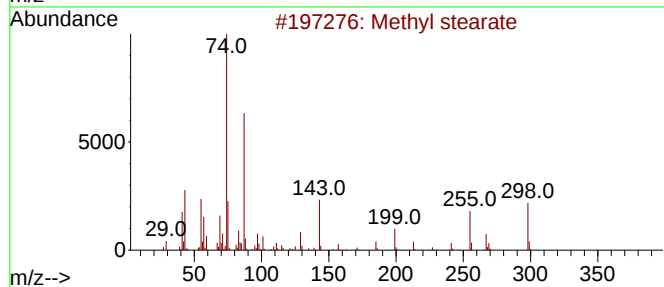
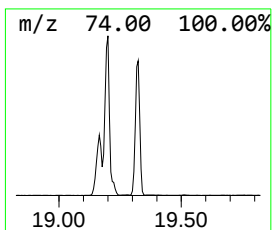
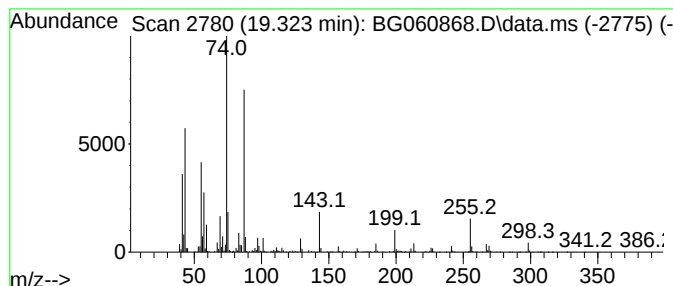
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 16 Methyl stearate Concentration Rank 7

| R.T.   | EstConc  | Area    | Relative to ISTD | R.T.   |
|--------|----------|---------|------------------|--------|
| 19.323 | 47.79 ng | 2184820 | Phenanthrene-d10 | 17.326 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | Methyl stearate                     | 298 | C19H38O2 | 000112-61-8 | 96   |
| 2    |    |   | Heptadecanoic acid, 16-methyl-, ... | 298 | C19H38O2 | 005129-61-3 | 90   |
| 3    |    |   | Pentadecanoic acid, methyl ester    | 256 | C16H32O2 | 007132-64-1 | 87   |
| 4    |    |   | 2-Methylpentadecanoic acid          | 256 | C16H32O2 | 025354-92-1 | 83   |
| 5    |    |   | Methyl tetradecanoate               | 242 | C15H30O2 | 000124-10-7 | 80   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG041124\  
Data File : BG060868.D  
Acq On : 11 Apr 2024 20:59  
Operator : MA/JU  
Sample : P2072-01 2X  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
HR-01-041024

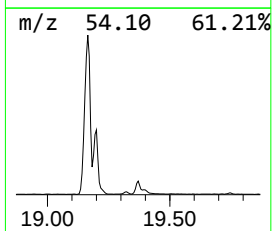
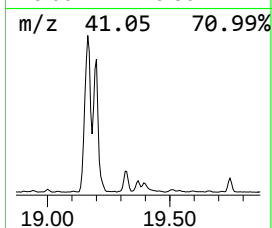
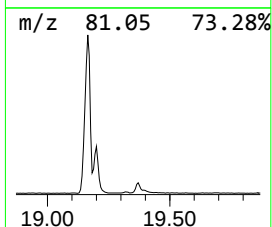
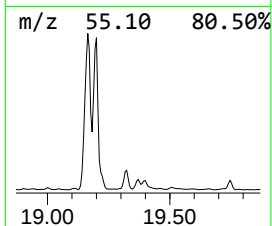
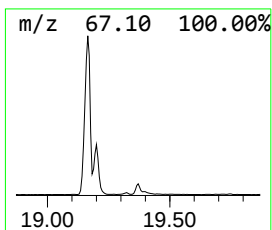
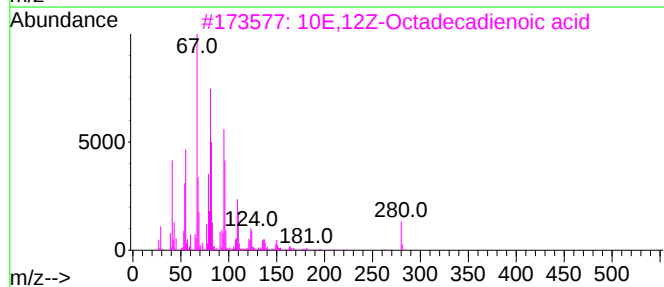
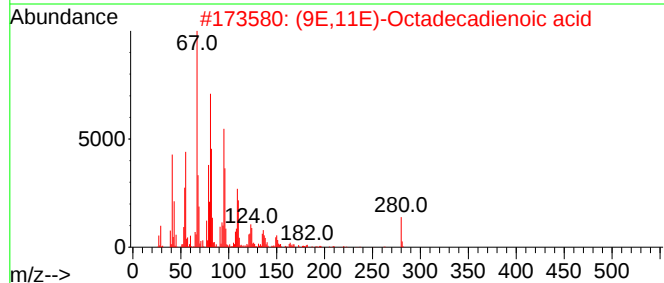
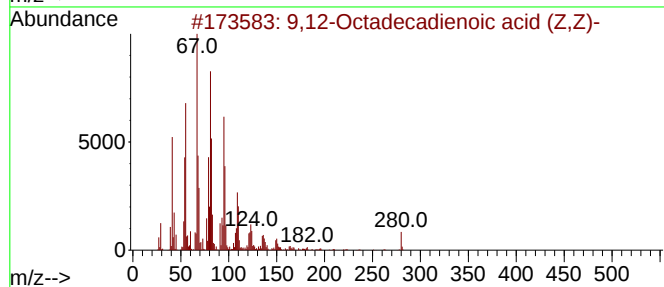
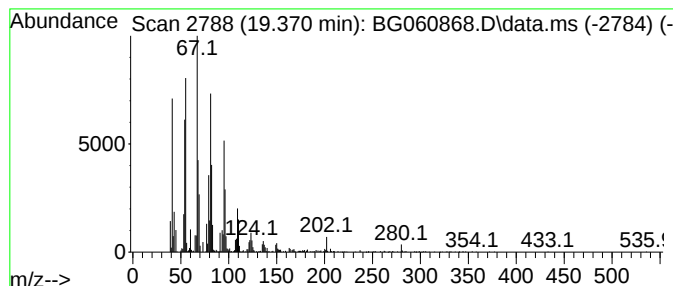
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 17 9,12-Octadecadienoic acid (... Concentration Rank 17

| R.T.      | EstConc                             | Area   | Relative to ISTD | R.T.         |      |
|-----------|-------------------------------------|--------|------------------|--------------|------|
| 19.371    | 19.94 ng                            | 911509 | Phenanthrene-d10 | 17.326       |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm          | CAS#         | Qual |
| 1         | 9,12-Octadecadienoic acid (Z,Z)-    | 280    | C18H32O2         | 000060-33-3  | 99   |
| 2         | (9E,11E)-Octadecadienoic acid       | 280    | C18H32O2         | 000544-71-8  | 98   |
| 3         | 10E,12Z-Octadecadienoic acid        | 280    | C18H32O2         | 002420-56-6  | 97   |
| 4         | 10,13-Octadecadienoic acid, meth... | 294    | C19H34O2         | 056554-62-2  | 93   |
| 5         | 9-Hexadecyn-1-ol                    | 238    | C16H30O          | 1000342-40-3 | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG041124\  
Data File : BG060868.D  
Acq On : 11 Apr 2024 20:59  
Operator : MA/JU  
Sample : P2072-01 2X  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

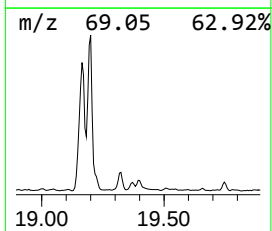
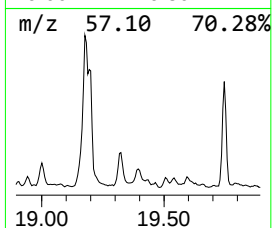
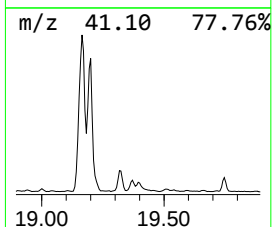
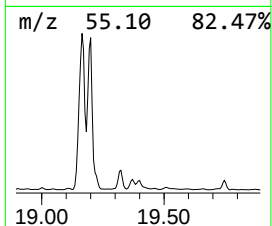
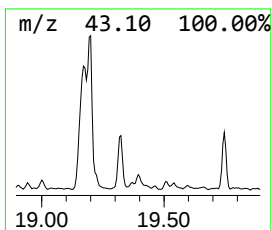
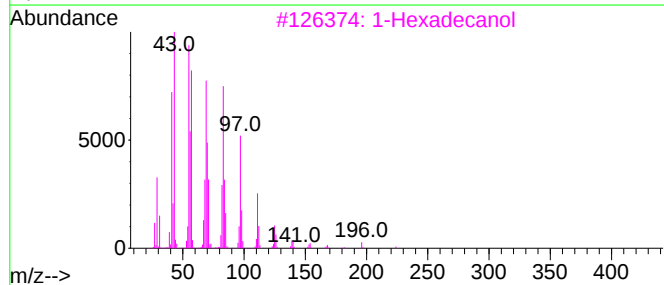
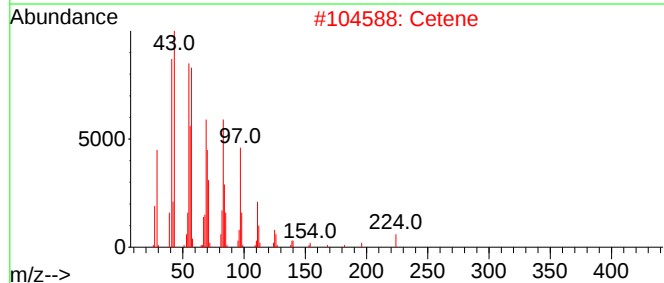
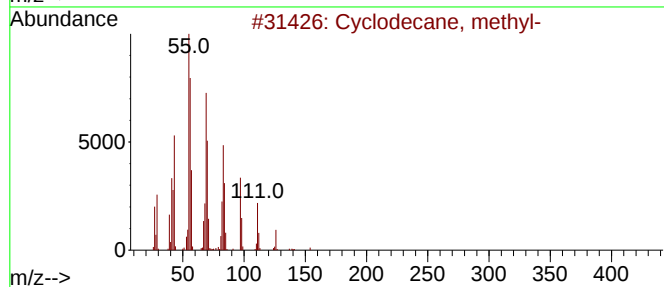
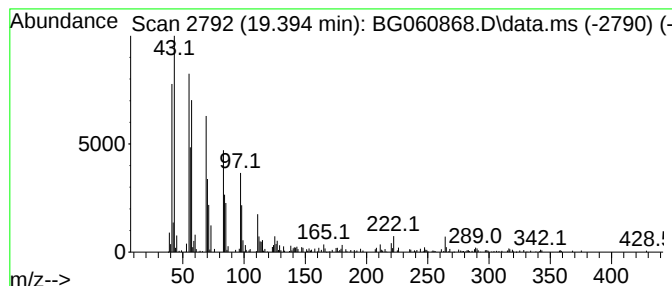
Instrument :  
BNA\_G  
ClientSampleId :  
HR-01-041024

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG032924.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 18 Cyclodecane, methyl- Concentration Rank 20

| R.T.      | EstConc                      | Area   | Relative to ISTD |          | R.T.         |      |
|-----------|------------------------------|--------|------------------|----------|--------------|------|
| 19.394    | 17.89 ng                     | 818067 | Phenanthrene-d10 |          | 17.326       |      |
| Hit# of 5 | Tentative ID                 |        | MW               | MolForm  | CAS#         | Qual |
| 1         | Cyclodecane, methyl-         |        | 154              | C11H22   | 013151-43-4  | 70   |
| 2         | Cetene                       |        | 224              | C16H32   | 000629-73-2  | 68   |
| 3         | 1-Hexadecanol                |        | 242              | C16H34O  | 036653-82-4  | 68   |
| 4         | Z-10-Tetradecen-1-ol acetate |        | 254              | C16H30O2 | 1010130-99-3 | 68   |
| 5         | 9-Octadecene, (E)-           |        | 252              | C18H36   | 007206-25-9  | 68   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG041124\  
Data File : BG060868.D  
Acq On : 11 Apr 2024 20:59  
Operator : MA/JU  
Sample : P2072-01 2X  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

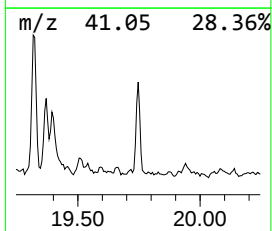
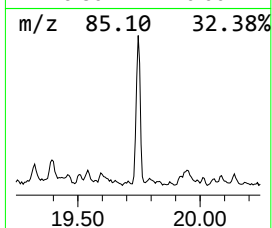
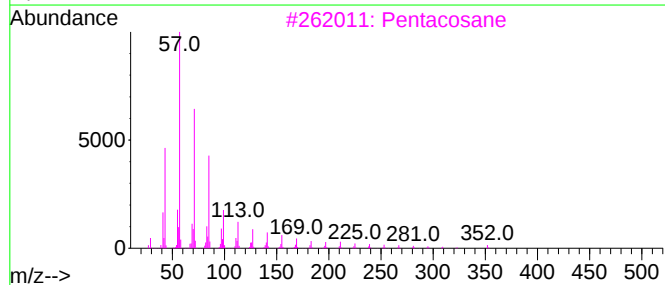
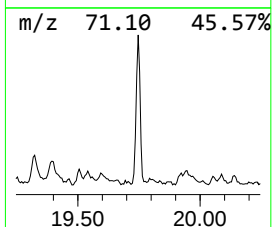
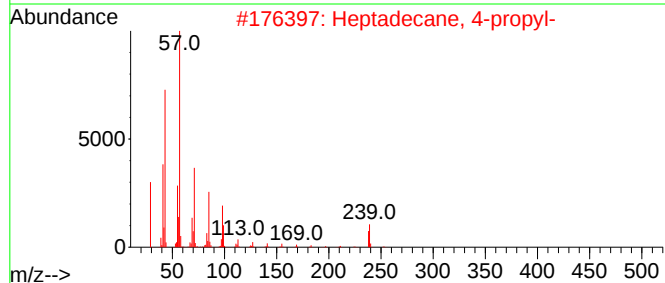
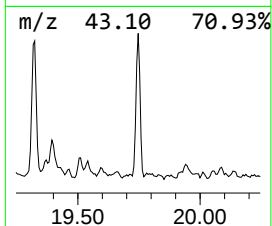
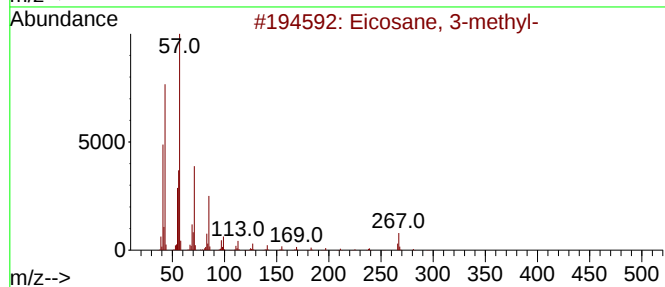
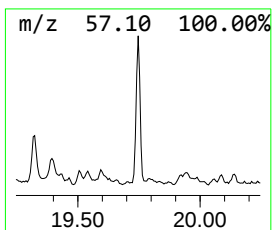
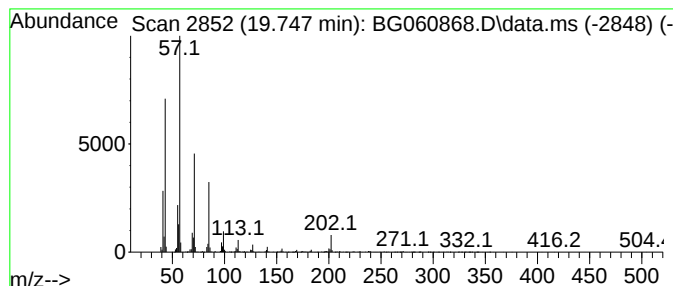
Instrument :  
BNA\_G  
ClientSampleId :  
HR-01-041024

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG032924.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 19 Eicosane, 3-methyl- Concentration Rank 14

| R.T.      | EstConc                | Area    | Relative to ISTD | R.T.        |      |
|-----------|------------------------|---------|------------------|-------------|------|
| 19.747    | 24.16 ng               | 1189330 | Chrysene-d12     | 21.586      |      |
| Hit# of 5 | Tentative ID           | MW      | MolForm          | CAS#        | Qual |
| 1         | Eicosane, 3-methyl-    | 296     | C21H44           | 006418-46-8 | 90   |
| 2         | Heptadecane, 4-propyl- | 282     | C20H42           | 055044-10-5 | 90   |
| 3         | Pentacosane            | 352     | C25H52           | 000629-99-2 | 90   |
| 4         | Heptacosane            | 380     | C27H56           | 000593-49-7 | 87   |
| 5         | Hexadecane, 3-methyl-  | 240     | C17H36           | 006418-43-5 | 87   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG041124\  
Data File : BG060868.D  
Acq On : 11 Apr 2024 20:59  
Operator : MA/JU  
Sample : P2072-01 2X  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
HR-01-041024

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG032924.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

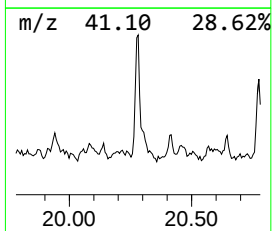
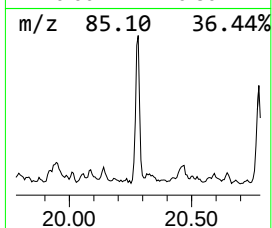
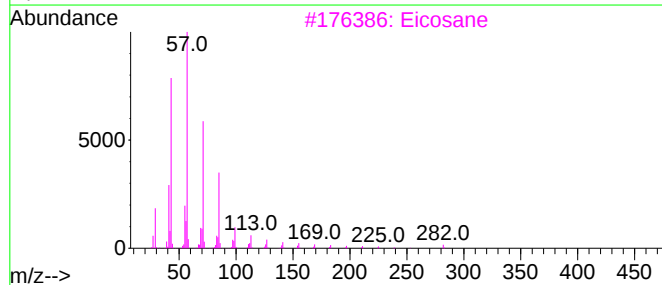
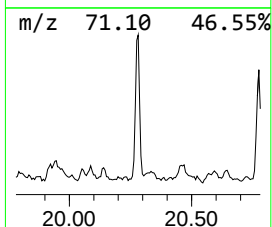
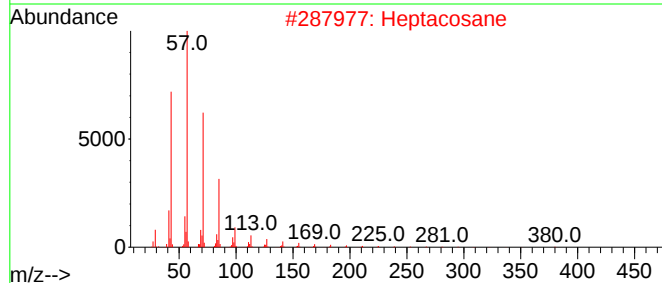
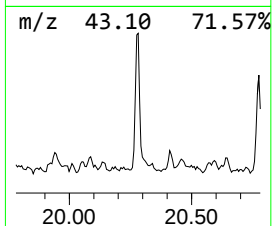
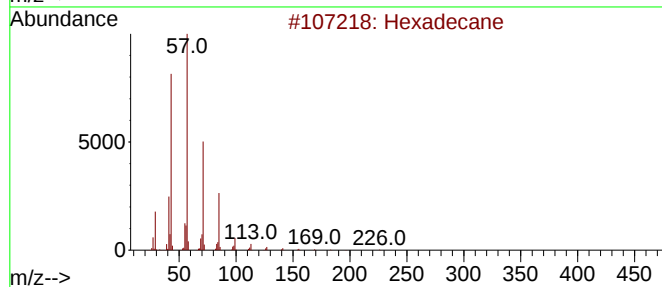
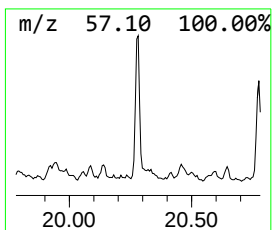
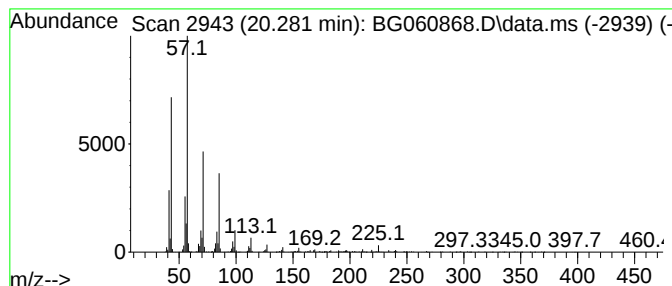
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 20 Heptacosane Concentration Rank 19

| R.T.   | EstConc  | Area   | Relative to ISTD | R.T.   |
|--------|----------|--------|------------------|--------|
| 20.281 | 18.82 ng | 926178 | Chrysene-d12     | 21.586 |

| Hit# | of 5 | Tentative ID      | MW  | MolForm | CAS#        | Qual |
|------|------|-------------------|-----|---------|-------------|------|
| 1    |      | Hexadecane        | 226 | C16H34  | 000544-76-3 | 93   |
| 2    |      | Heptacosane       | 380 | C27H56  | 000593-49-7 | 91   |
| 3    |      | Eicosane          | 282 | C20H42  | 000112-95-8 | 91   |
| 4    |      | Dodecane, 1-iodo- | 296 | C12H25I | 004292-19-7 | 87   |
| 5    |      | Octacosane        | 394 | C28H58  | 000630-02-4 | 87   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG041124\  
Data File : BG060868.D  
Acq On : 11 Apr 2024 20:59  
Operator : MA/JU  
Sample : P2072-01 2X  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
HR-01-041024

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG032924.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |         |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|---------|------|
|                    |        |         |       |          | #                     | RT     | Resp    | Conc |
| Undecane           | 9.188  | 25.5    | ng    | 623065   | 1                     | 7.949  | 488296  | 20.0 |
| Hexadecane         | 12.179 | 19.5    | ng    | 1757380  | 2                     | 10.745 | 1798400 | 20.0 |
| Tetradecane        | 13.419 | 39.3    | ng    | 2484380  | 3                     | 14.576 | 1263040 | 20.0 |
| Pentadecane        | 14.494 | 45.4    | ng    | 2865490  | 3                     | 14.576 | 1263040 | 20.0 |
| Heptadecane        | 15.452 | 46.6    | ng    | 2946100  | 3                     | 14.576 | 1263040 | 20.0 |
| Decane, 2,6,8-t... | 15.857 | 22.5    | ng    | 1421300  | 3                     | 14.576 | 1263040 | 20.0 |
| Nonadecane         | 16.315 | 71.1    | ng    | 3251250  | 4                     | 17.326 | 914345  | 20.0 |
| Hexadecane, 2,6... | 16.339 | 22.8    | ng    | 1042620  | 4                     | 17.326 | 914345  | 20.0 |
| Octadecane         | 17.108 | 59.1    | ng    | 2703520  | 4                     | 17.326 | 914345  | 20.0 |
| Tridecane, 2-me... | 17.161 | 29.6    | ng    | 1353270  | 4                     | 17.326 | 914345  | 20.0 |
| Eicosane           | 17.849 | 50.6    | ng    | 2312760  | 4                     | 17.326 | 914345  | 20.0 |
| Hexadecanoic ac... | 18.019 | 89.8    | ng    | 4106310  | 4                     | 17.326 | 914345  | 20.0 |
| Tetradecane, 6...  | 18.542 | 46.4    | ng    | 2122690  | 4                     | 17.326 | 914345  | 20.0 |
| 9,12-Octadecadi... | 19.165 | 447.0   | ng    | 20435900 | 4                     | 17.326 | 914345  | 20.0 |
| 9-Octadecenoic ... | 19.200 | 273.9   | ng    | 12523500 | 4                     | 17.326 | 914345  | 20.0 |
| Methyl stearate    | 19.323 | 47.8    | ng    | 2184820  | 4                     | 17.326 | 914345  | 20.0 |
| 9,12-Octadecadi... | 19.371 | 19.9    | ng    | 911509   | 4                     | 17.326 | 914345  | 20.0 |
| Cyclodecane, me... | 19.394 | 17.9    | ng    | 818067   | 4                     | 17.326 | 914345  | 20.0 |
| Eicosane, 3-met... | 19.747 | 24.2    | ng    | 1189330  | 5                     | 21.586 | 984450  | 20.0 |
| Heptacosane        | 20.281 | 18.8    | ng    | 926178   | 5                     | 21.586 | 984450  | 20.0 |