

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM032924\  
 Data File : BM044818.D  
 Acq On : 29 Mar 2024 17:00  
 Operator : MA/JU  
 Sample : P1876-01 2X  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 TR-06-032624

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\_M\Methods\8270-BM032824.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM044818.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         | 5.275       | 366           | 372         | 380          | rBV      | 743798         | 1119706       | 34.09%          | 1.577%        |
| 2         | 6.846       | 628           | 639         | 645          | rBV      | 711910         | 1205453       | 36.71%          | 1.698%        |
| 3         | 7.275       | 708           | 712         | 716          | rBV      | 216049         | 327213        | 9.96%           | 0.461%        |
| 4         | 7.628       | 765           | 772         | 775          | rVV      | 110475         | 182832        | 5.57%           | 0.258%        |
| 5         | 7.669       | 775           | 779         | 792          | rVB      | 342604         | 637420        | 19.41%          | 0.898%        |
| 6         | 7.775       | 792           | 797         | 803          | rBV2     | 91191          | 186392        | 5.68%           | 0.263%        |
| 7         | 8.175       | 856           | 865         | 867          | rBV4     | 143004         | 328196        | 9.99%           | 0.462%        |
| 8         | 8.204       | 867           | 870         | 873          | rVV      | 163986         | 240292        | 7.32%           | 0.338%        |
| 9         | 8.299       | 880           | 886         | 891          | rBV3     | 332315         | 613345        | 18.68%          | 0.864%        |
| 10        | 8.410       | 899           | 905         | 909          | rBV      | 179571         | 281672        | 8.58%           | 0.397%        |
| 11        | 8.469       | 909           | 915         | 920          | rVV2     | 100646         | 198171        | 6.03%           | 0.279%        |
| 12        | 8.604       | 933           | 938         | 943          | rBV      | 120392         | 228946        | 6.97%           | 0.323%        |
| 13        | 8.657       | 943           | 947         | 952          | rVB      | 125499         | 202544        | 6.17%           | 0.285%        |
| 14        | 8.757       | 959           | 964         | 970          | rVV2     | 281356         | 511202        | 15.57%          | 0.720%        |
| 15        | 8.834       | 970           | 977         | 980          | rVV2     | 514173         | 966924        | 29.44%          | 1.362%        |
| 16        | 8.875       | 980           | 984         | 993          | rVB      | 932595         | 1443491       | 43.95%          | 2.033%        |
| 17        | 8.998       | 1000          | 1005        | 1011         | rVB5     | 179698         | 392684        | 11.96%          | 0.553%        |
| 18        | 9.093       | 1011          | 1021        | 1029         | rBV6     | 125228         | 454478        | 13.84%          | 0.640%        |
| 19        | 9.281       | 1048          | 1053        | 1057         | rBV2     | 191128         | 288206        | 8.78%           | 0.406%        |
| 20        | 9.357       | 1057          | 1066        | 1071         | rVV2     | 311343         | 788232        | 24.00%          | 1.110%        |
| 21        | 9.534       | 1088          | 1096        | 1098         | rBV2     | 95874          | 209201        | 6.37%           | 0.295%        |
| 22        | 9.616       | 1106          | 1110        | 1113         | rBV      | 140173         | 170801        | 5.20%           | 0.241%        |
| 23        | 9.698       | 1119          | 1124        | 1126         | rBV      | 252582         | 422959        | 12.88%          | 0.596%        |
| 24        | 9.793       | 1134          | 1140        | 1144         | rBV3     | 224002         | 466636        | 14.21%          | 0.657%        |
| 25        | 9.845       | 1144          | 1149        | 1157         | rVV4     | 317140         | 852237        | 25.95%          | 1.201%        |
| 26        | 9.969       | 1165          | 1170        | 1173         | rBV2     | 187486         | 259807        | 7.91%           | 0.366%        |
| 27        | 10.022      | 1173          | 1179        | 1183         | rBV4     | 136378         | 248751        | 7.57%           | 0.350%        |
| 28        | 10.075      | 1183          | 1188        | 1194         | rVB      | 302922         | 514381        | 15.66%          | 0.725%        |
| 29        | 10.145      | 1194          | 1200        | 1206         | rVB2     | 142726         | 276097        | 8.41%           | 0.389%        |
| 30        | 10.216      | 1206          | 1212        | 1220         | rBV3     | 152239         | 302241        | 9.20%           | 0.426%        |
| 31        | 10.416      | 1239          | 1246        | 1256         | rVB3     | 1483081        | 3039346       | 92.55%          | 4.282%        |
| 32        | 10.498      | 1256          | 1260        | 1265         | rVB6     | 153991         | 310888        | 9.47%           | 0.438%        |
| 33        | 10.557      | 1265          | 1270        | 1273         | rBV2     | 236848         | 369503        | 11.25%          | 0.521%        |
| 34        | 10.598      | 1273          | 1277        | 1282         | rVB      | 443417         | 686824        | 20.91%          | 0.968%        |
| 35        | 10.657      | 1282          | 1287        | 1295         | rBV6     | 195026         | 404021        | 12.30%          | 0.569%        |
| 36        | 10.840      | 1310          | 1318        | 1325         | rBV9     | 99664          | 328549        | 10.00%          | 0.463%        |

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Sample : P1876-01 2X  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
TR-06-032624

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

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

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM032824.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 37 | 10.910 | 1325 | 1330 | 1337 | rVB2 | 319553 | 599615 | 18.26% | 0.845% |
| 38 | 11.104 | 1358 | 1363 | 1365 | rBV3 | 227439 | 390026 | 11.88% | 0.549% |
| 39 | 11.198 | 1376 | 1379 | 1386 | rVB2 | 157874 | 286977 | 8.74%  | 0.404% |
| 40 | 11.281 | 1387 | 1393 | 1399 | rVB4 | 309802 | 611635 | 18.62% | 0.862% |

|    |        |      |      |      |      |        |         |        |        |
|----|--------|------|------|------|------|--------|---------|--------|--------|
| 41 | 11.357 | 1400 | 1406 | 1412 | rVB2 | 491228 | 858047  | 26.13% | 1.209% |
| 42 | 11.416 | 1412 | 1416 | 1419 | rBV3 | 116490 | 185999  | 5.66%  | 0.262% |
| 43 | 11.457 | 1419 | 1423 | 1428 | rBV  | 460186 | 704469  | 21.45% | 0.992% |
| 44 | 11.551 | 1435 | 1439 | 1444 | rVB  | 170656 | 285874  | 8.70%  | 0.403% |
| 45 | 11.639 | 1447 | 1454 | 1461 | rVB2 | 578903 | 1089005 | 33.16% | 1.534% |

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 46 | 11.710 | 1461 | 1466 | 1471 | rBV2 | 108017  | 213208  | 6.49%  | 0.300% |
| 47 | 11.869 | 1483 | 1493 | 1499 | rBV  | 1833402 | 3073827 | 93.60% | 4.330% |
| 48 | 11.998 | 1511 | 1515 | 1520 | rVB2 | 345568  | 580394  | 17.67% | 0.818% |
| 49 | 12.087 | 1525 | 1530 | 1539 | rVB3 | 234927  | 627618  | 19.11% | 0.884% |
| 50 | 12.322 | 1565 | 1570 | 1572 | rBV4 | 113716  | 204776  | 6.24%  | 0.288% |

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 51 | 12.369 | 1574 | 1578 | 1583 | rVV  | 474166 | 797336 | 24.28% | 1.123% |
| 52 | 12.510 | 1595 | 1602 | 1606 | rBV3 | 244906 | 486657 | 14.82% | 0.686% |
| 53 | 12.557 | 1606 | 1610 | 1617 | rVB3 | 252410 | 497268 | 15.14% | 0.700% |
| 54 | 12.622 | 1617 | 1621 | 1629 | rBV5 | 252514 | 549578 | 16.73% | 0.774% |
| 55 | 12.692 | 1629 | 1633 | 1644 | rVB3 | 384471 | 794390 | 24.19% | 1.119% |

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 56 | 12.781 | 1644 | 1648 | 1653 | rBV3 | 340304  | 606286  | 18.46% | 0.854% |
| 57 | 12.839 | 1653 | 1658 | 1663 | rVB2 | 490770  | 781343  | 23.79% | 1.101% |
| 58 | 12.928 | 1669 | 1673 | 1681 | rBV2 | 699508  | 1105788 | 33.67% | 1.558% |
| 59 | 13.134 | 1700 | 1708 | 1715 | rBV  | 2008823 | 2933300 | 89.32% | 4.132% |
| 60 | 13.251 | 1720 | 1728 | 1732 | rVB2 | 326073  | 695825  | 21.19% | 0.980% |

|    |        |      |      |      |      |        |         |        |        |
|----|--------|------|------|------|------|--------|---------|--------|--------|
| 61 | 13.298 | 1732 | 1736 | 1740 | rVB3 | 219841 | 318087  | 9.69%  | 0.448% |
| 62 | 13.586 | 1780 | 1785 | 1789 | rBV5 | 109350 | 260257  | 7.92%  | 0.367% |
| 63 | 13.792 | 1812 | 1820 | 1824 | rBV  | 599292 | 1171546 | 35.67% | 1.650% |
| 64 | 13.833 | 1824 | 1827 | 1833 | rVB4 | 367480 | 552481  | 16.82% | 0.778% |
| 65 | 13.963 | 1845 | 1849 | 1853 | rBV5 | 101356 | 175769  | 5.35%  | 0.248% |

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 66 | 14.216 | 1886 | 1892 | 1897 | rBV  | 2150295 | 2919463 | 88.90% | 4.113% |
| 67 | 14.316 | 1901 | 1909 | 1916 | rVB3 | 551339  | 1266103 | 38.55% | 1.784% |
| 68 | 14.680 | 1964 | 1971 | 1974 | rBV3 | 193364  | 455143  | 13.86% | 0.641% |
| 69 | 14.722 | 1974 | 1978 | 1983 | rVB2 | 253178  | 351146  | 10.69% | 0.495% |
| 70 | 14.839 | 1994 | 1998 | 2007 | rVB3 | 472421  | 772540  | 23.52% | 1.088% |

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 71 | 14.910 | 2007 | 2010 | 2013 | rBV  | 161825  | 201059  | 6.12%  | 0.283% |
| 72 | 15.175 | 2050 | 2055 | 2060 | rVB  | 2012607 | 2516262 | 76.62% | 3.545% |
| 73 | 15.580 | 2118 | 2124 | 2129 | rBV  | 590620  | 982949  | 29.93% | 1.385% |
| 74 | 15.733 | 2146 | 2150 | 2156 | rBV2 | 242314  | 427013  | 13.00% | 0.602% |
| 75 | 15.810 | 2156 | 2163 | 2171 | rVB4 | 576234  | 1122659 | 34.18% | 1.581% |

|    |        |      |      |      |     |         |         |         |        |
|----|--------|------|------|------|-----|---------|---------|---------|--------|
| 76 | 16.045 | 2198 | 2203 | 2211 | rBV | 1903890 | 3284082 | 100.00% | 4.626% |
|----|--------|------|------|------|-----|---------|---------|---------|--------|

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 Sample : P1876-01 2X  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 TR-06-032624

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\_M\Methods\8270-BM032824.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|     |        |      |      |      |      |         |         |        |        |
|-----|--------|------|------|------|------|---------|---------|--------|--------|
| 77  | 16.386 | 2257 | 2261 | 2263 | rBV  | 132992  | 189492  | 5.77%  | 0.267% |
| 78  | 16.616 | 2298 | 2300 | 2303 | rVV2 | 134237  | 166765  | 5.08%  | 0.235% |
| 79  | 16.839 | 2333 | 2338 | 2342 | rBV  | 1532321 | 1820703 | 55.44% | 2.565% |
| 80  | 16.886 | 2342 | 2346 | 2357 | rVB  | 558470  | 943721  | 28.74% | 1.329% |
| 81  | 17.074 | 2373 | 2378 | 2381 | rBV  | 524254  | 790065  | 24.06% | 1.113% |
| 82  | 17.116 | 2381 | 2385 | 2388 | rVB  | 135752  | 192668  | 5.87%  | 0.271% |
| 83  | 17.374 | 2426 | 2429 | 2436 | rVB2 | 131356  | 181553  | 5.53%  | 0.256% |
| 84  | 17.492 | 2446 | 2449 | 2455 | rVV3 | 131808  | 203561  | 6.20%  | 0.287% |
| 85  | 17.580 | 2459 | 2464 | 2469 | rBV  | 1207899 | 1528162 | 46.53% | 2.153% |
| 86  | 17.863 | 2508 | 2512 | 2521 | rVB4 | 92408   | 207154  | 6.31%  | 0.292% |
| 87  | 17.980 | 2528 | 2532 | 2537 | rBV2 | 175053  | 259026  | 7.89%  | 0.365% |
| 88  | 18.274 | 2577 | 2582 | 2591 | rBV  | 1066511 | 1337787 | 40.74% | 1.885% |
| 89  | 18.510 | 2618 | 2622 | 2630 | rBV5 | 98846   | 210990  | 6.42%  | 0.297% |
| 90  | 18.745 | 2658 | 2662 | 2667 | rBV2 | 120887  | 166586  | 5.07%  | 0.235% |
| 91  | 18.915 | 2687 | 2691 | 2698 | rVB  | 858454  | 1053995 | 32.09% | 1.485% |
| 92  | 19.139 | 2724 | 2729 | 2734 | rBV  | 313135  | 481698  | 14.67% | 0.679% |
| 93  | 19.268 | 2749 | 2751 | 2760 | rVB5 | 106858  | 241171  | 7.34%  | 0.340% |
| 94  | 19.498 | 2786 | 2790 | 2801 | rVB  | 927276  | 1157251 | 35.24% | 1.630% |
| 95  | 19.715 | 2821 | 2827 | 2831 | rVB  | 1065996 | 1348822 | 41.07% | 1.900% |
| 96  | 20.033 | 2878 | 2881 | 2885 | rVB  | 480292  | 561990  | 17.11% | 0.792% |
| 97  | 20.533 | 2963 | 2966 | 2972 | rVB  | 341483  | 405056  | 12.33% | 0.571% |
| 98  | 21.004 | 3042 | 3046 | 3050 | rVB  | 283341  | 311029  | 9.47%  | 0.438% |
| 99  | 21.268 | 3086 | 3091 | 3095 | rBV2 | 752316  | 1107066 | 33.71% | 1.560% |
| 100 | 23.503 | 3467 | 3471 | 3478 | rVB  | 529195  | 925873  | 28.19% | 1.304% |

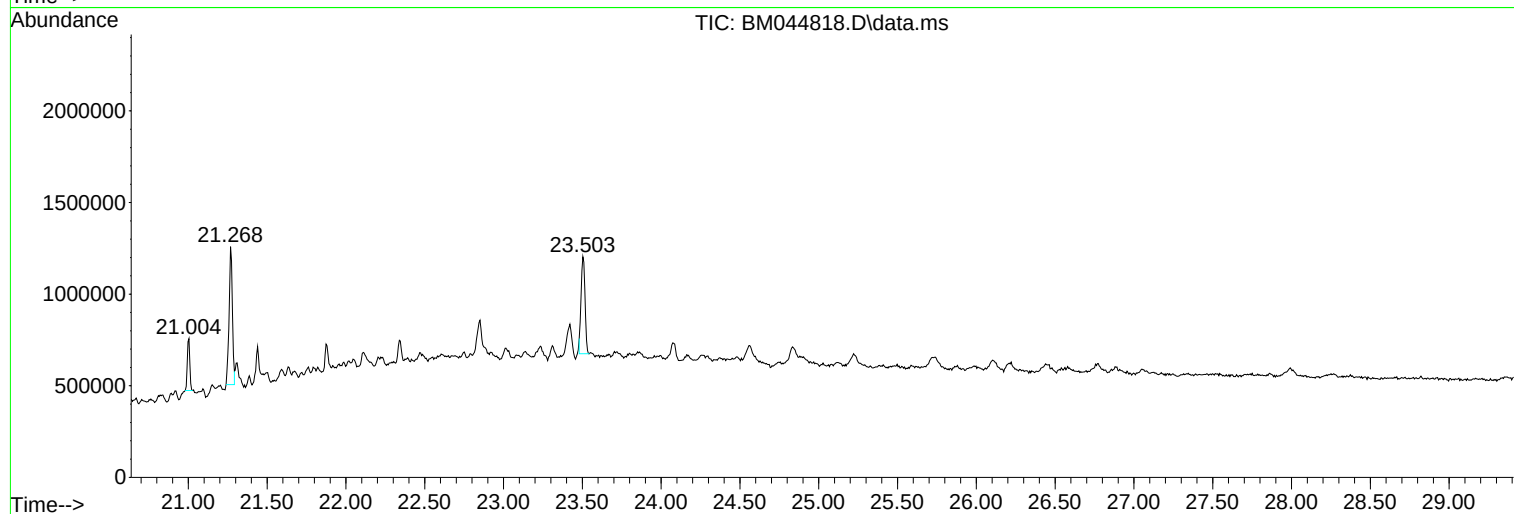
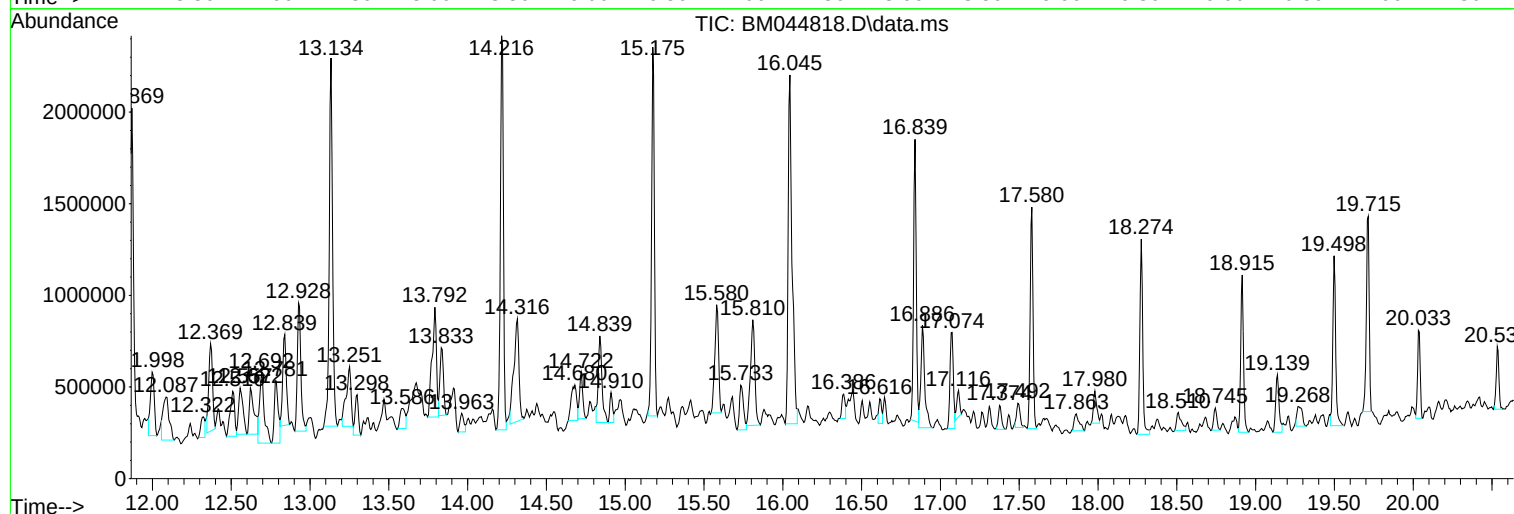
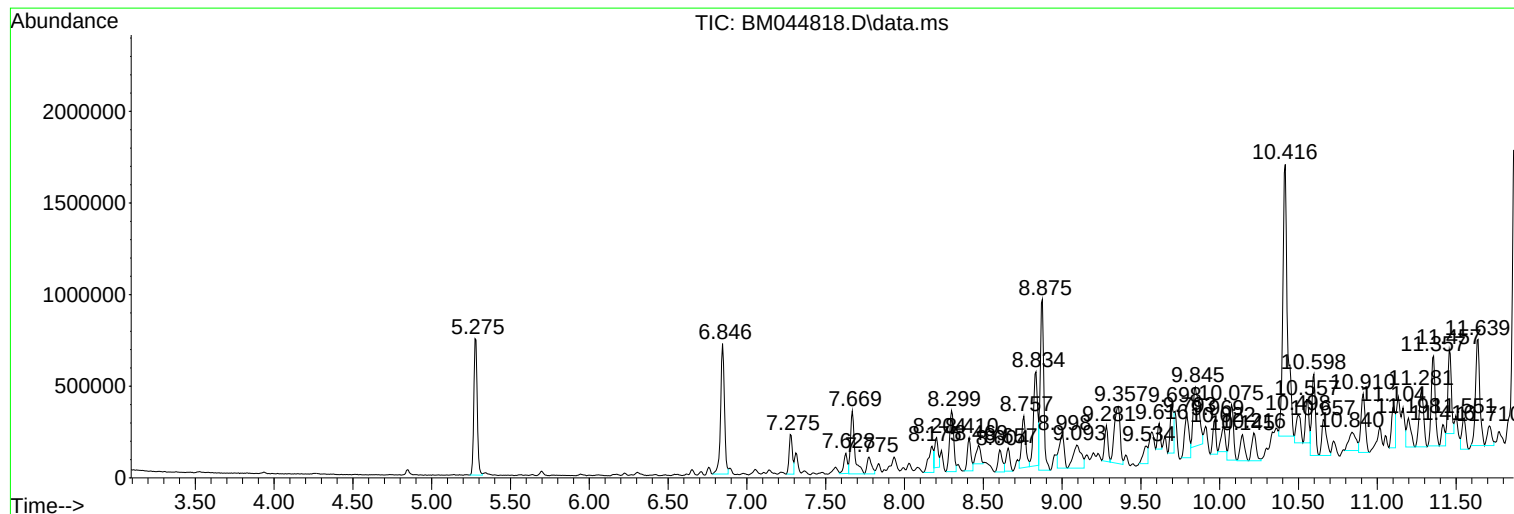
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Instrument :  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM032824.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM032924\  
Data File : BM044818.D  
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Sample : P1876-01 2X  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
TR-06-032624

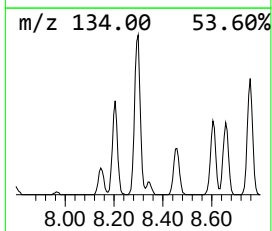
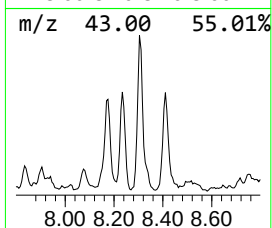
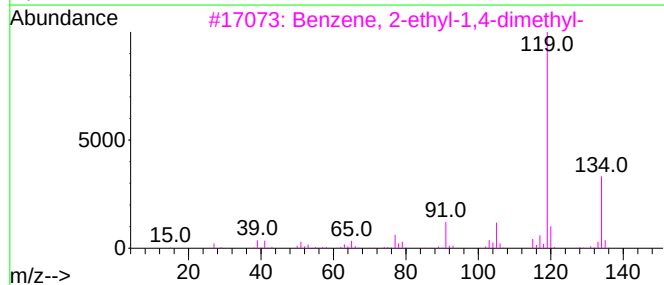
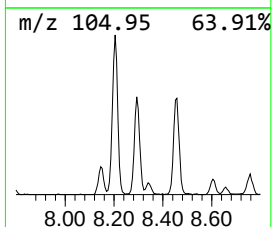
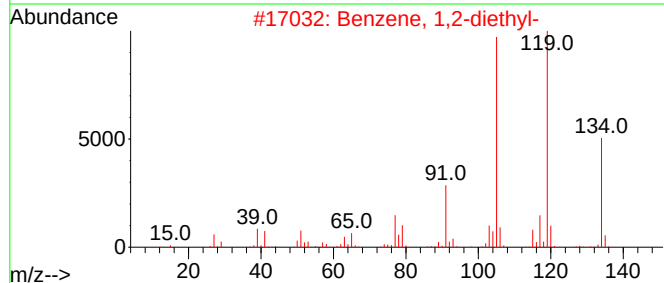
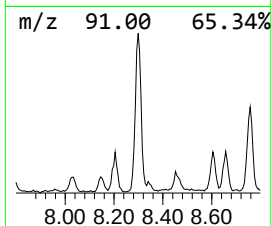
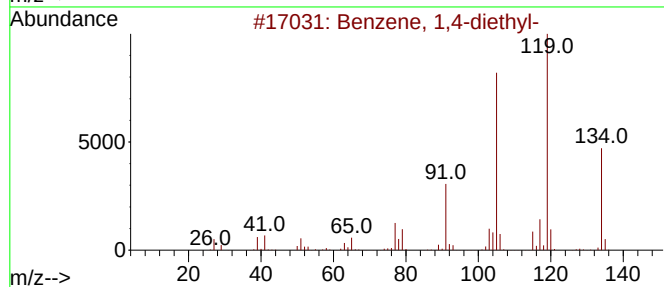
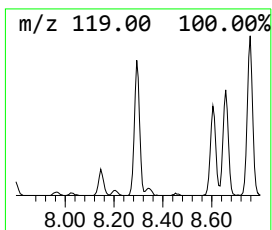
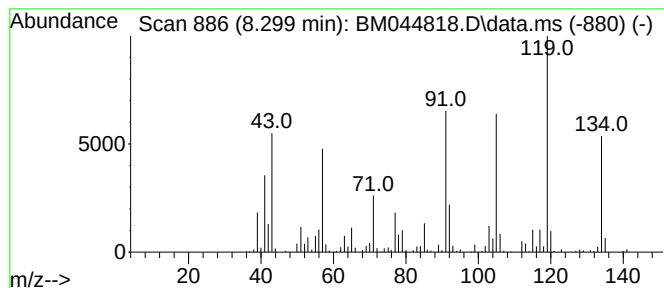
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM032824.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 1 Benzene, 1,4-diethyl- Concentration Rank 11

| R.T.  | EstConc  | Area   | Relative to ISTD       | R.T.  |
|-------|----------|--------|------------------------|-------|
| 8.299 | 19.24 ng | 613345 | 1,4-Dichlorobenzene-d4 | 7.669 |

| Hit# | of | 5 | Tentative ID                   | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1,4-diethyl-          | 134 | C10H14  | 000105-05-5 | 94   |
| 2    |    |   | Benzene, 1,2-diethyl-          | 134 | C10H14  | 000135-01-3 | 94   |
| 3    |    |   | Benzene, 2-ethyl-1,4-dimethyl- | 134 | C10H14  | 001758-88-9 | 90   |
| 4    |    |   | Benzene, 1-ethyl-3,5-dimethyl- | 134 | C10H14  | 000934-74-7 | 89   |
| 5    |    |   | Benzene, 1,3-diethyl-          | 134 | C10H14  | 000141-93-5 | 89   |



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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

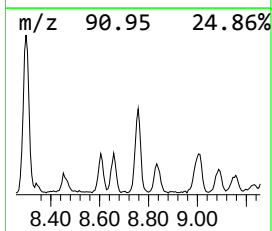
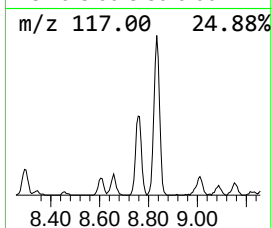
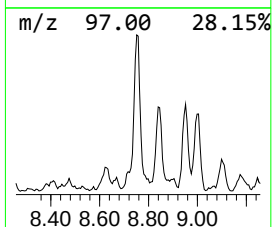
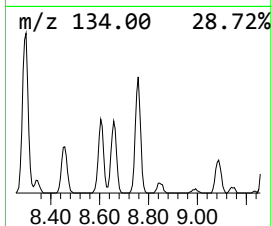
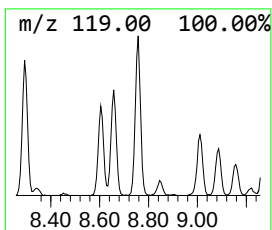
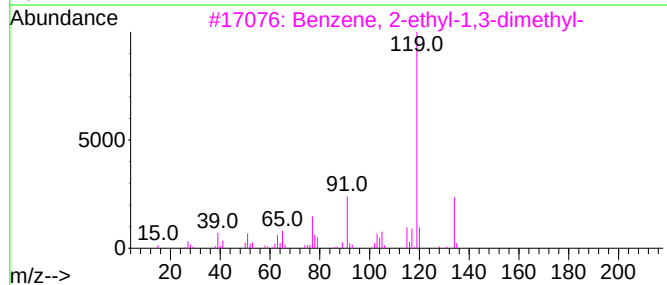
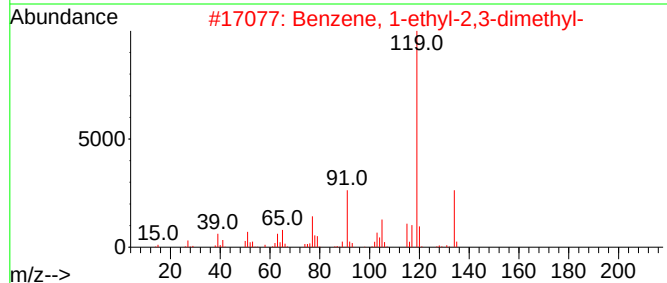
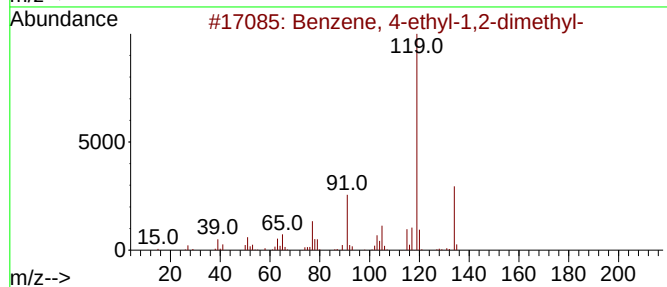
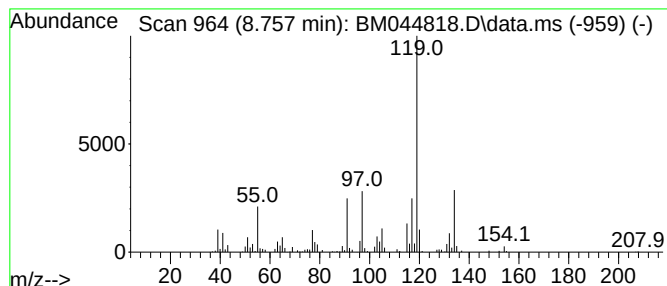
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TIC Integration Parameters: LSCINT.P

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Peak Number 2 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 13

| R.T.  | EstConc  | Area   | Relative to ISTD       | R.T.  |
|-------|----------|--------|------------------------|-------|
| 8.757 | 16.04 ng | 511202 | 1,4-Dichlorobenzene-d4 | 7.669 |

| Hit# | of | 5 | Tentative ID                   | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 4-ethyl-1,2-dimethyl- | 134 | C10H14  | 000934-80-5 | 93   |
| 2    |    |   | Benzene, 1-ethyl-2,3-dimethyl- | 134 | C10H14  | 000933-98-2 | 86   |
| 3    |    |   | Benzene, 2-ethyl-1,3-dimethyl- | 134 | C10H14  | 002870-04-4 | 86   |
| 4    |    |   | Benzene, 1-ethyl-2,4-dimethyl- | 134 | C10H14  | 000874-41-9 | 76   |
| 5    |    |   | p-Cymene                       | 134 | C10H14  | 000099-87-6 | 76   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM032924\  
Data File : BM044818.D  
Acq On : 29 Mar 2024 17:00  
Operator : MA/JU  
Sample : P1876-01 2X  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
TR-06-032624

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM032824.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

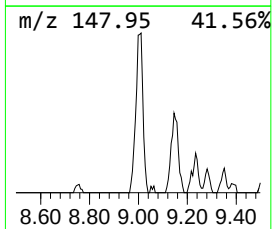
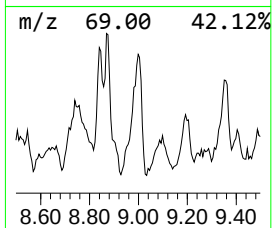
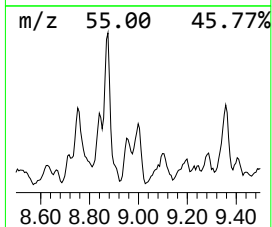
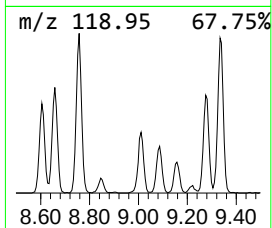
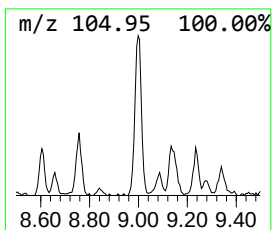
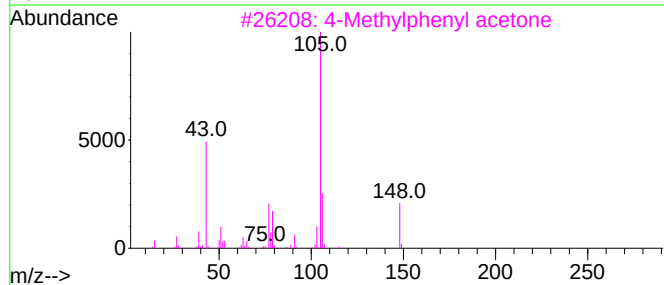
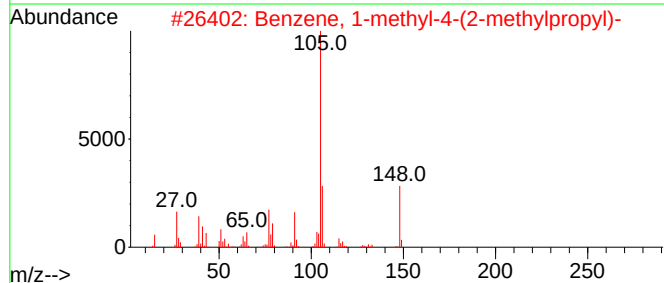
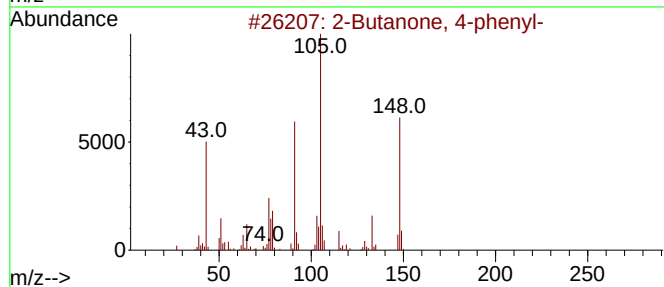
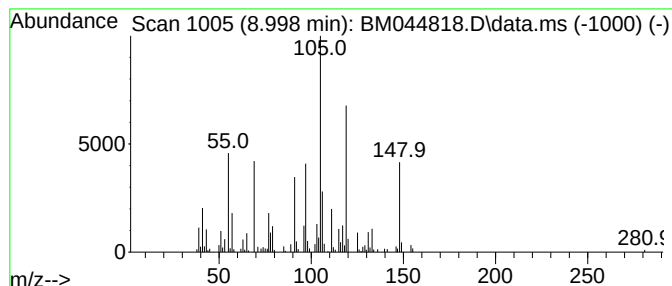
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TIC Integration Parameters: LSCINT.P

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Peak Number 3 unknown8.998 Concentration Rank 17

| R.T.  | EstConc  | Area   | Relative to ISTD       |  |  | R.T.  |
|-------|----------|--------|------------------------|--|--|-------|
| 8.998 | 12.32 ng | 392684 | 1,4-Dichlorobenzene-d4 |  |  | 7.669 |

| Hit# | of 5                                | Tentative ID | MW      | MolForm     | CAS# | Qual |
|------|-------------------------------------|--------------|---------|-------------|------|------|
| 1    | 2-Butanone, 4-phenyl-               | 148          | C10H12O | 002550-26-7 | 47   |      |
| 2    | Benzene, 1-methyl-4-(2-methylpro... | 148          | C11H16  | 005161-04-6 | 38   |      |
| 3    | 4-Methylphenyl acetone              | 148          | C10H12O | 002096-86-8 | 38   |      |
| 4    | 2-Methylindan-2-ol                  | 148          | C10H12O | 033223-84-6 | 30   |      |
| 5    | 4-Methylphthalaldehyde              | 148          | C9H8O2  | 015158-36-8 | 25   |      |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM032924\  
Data File : BM044818.D  
Acq On : 29 Mar 2024 17:00  
Operator : MA/JU  
Sample : P1876-01 2X  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
TR-06-032624

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM032824.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

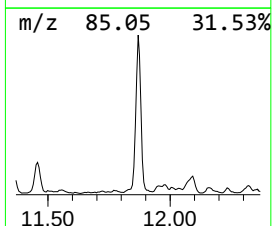
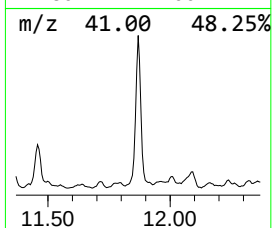
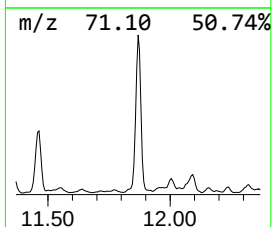
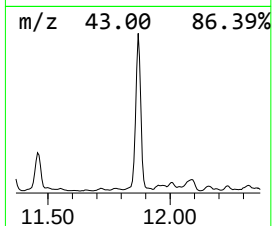
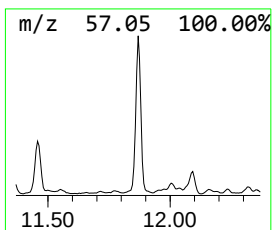
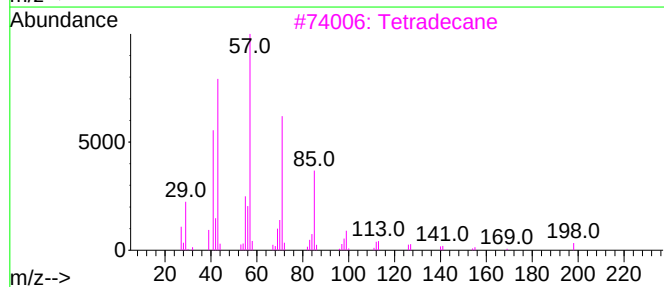
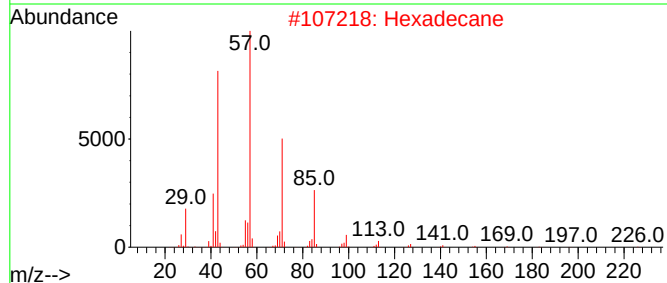
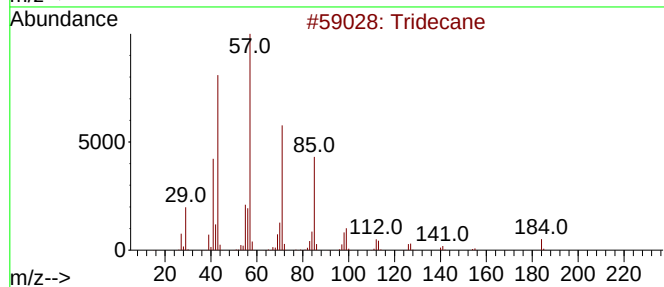
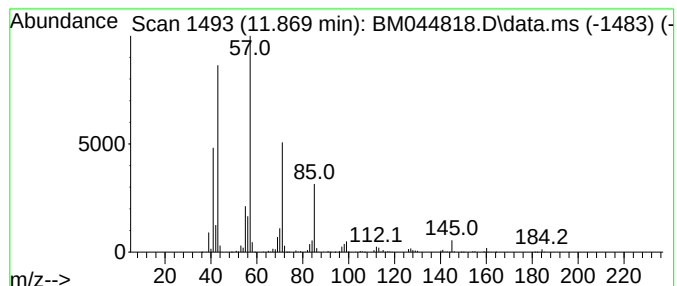
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 4 Tridecane Concentration Rank 10

| R.T.   | EstConc  | Area    | Relative to ISTD | R.T.   |
|--------|----------|---------|------------------|--------|
| 11.869 | 20.23 ng | 3073830 | Naphthalene-d8   | 10.445 |

| Hit# | of 5 | Tentative ID             | MW  | MolForm | CAS#        | Qual |
|------|------|--------------------------|-----|---------|-------------|------|
| 1    |      | Tridecane                | 184 | C13H28  | 000629-50-5 | 95   |
| 2    |      | Hexadecane               | 226 | C16H34  | 000544-76-3 | 87   |
| 3    |      | Tetradecane              | 198 | C14H30  | 000629-59-4 | 86   |
| 4    |      | Dodecane                 | 170 | C12H26  | 000112-40-3 | 86   |
| 5    |      | Decane, 2,3,5-trimethyl- | 184 | C13H28  | 062238-11-3 | 86   |





Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM032924\  
Data File : BM044818.D  
Acq On : 29 Mar 2024 17:00  
Operator : MA/JU  
Sample : P1876-01 2X  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
TR-06-032624

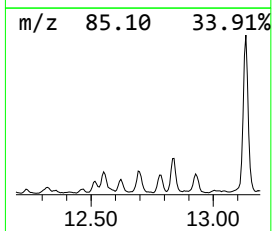
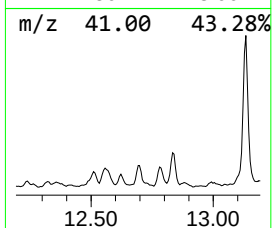
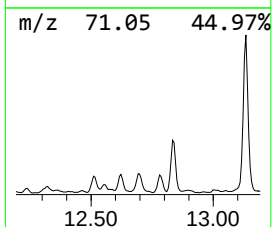
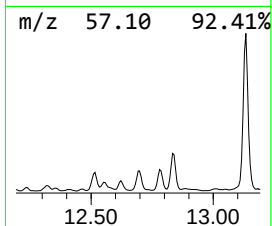
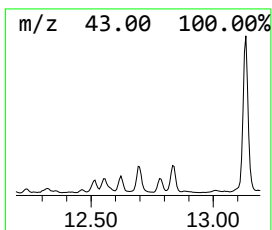
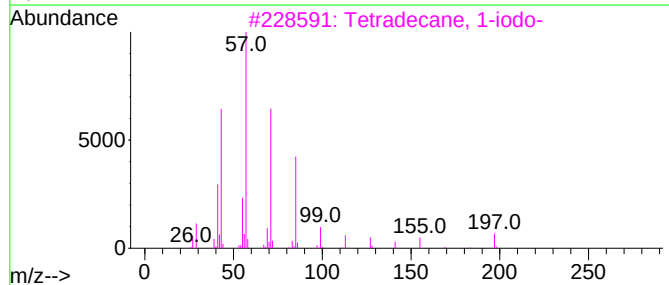
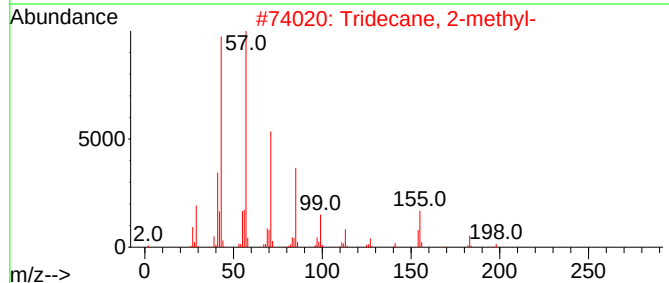
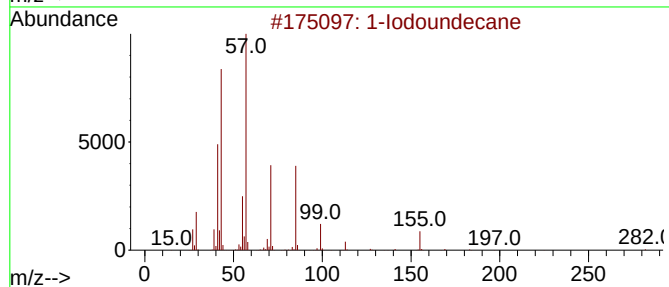
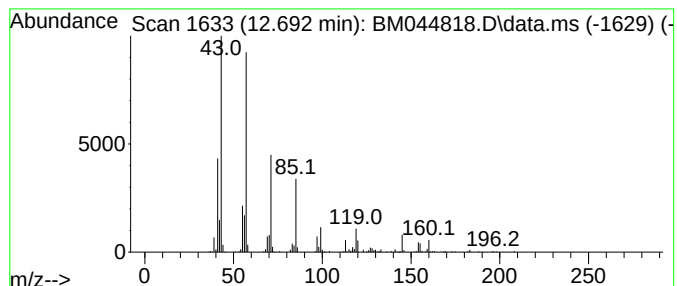
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 5 1-Iodoundecane Concentration Rank 15

| R.T.      | EstConc                | Area   | Relative to ISTD | R.T.        |      |
|-----------|------------------------|--------|------------------|-------------|------|
| 12.692    | 12.55 ng               | 794390 | Acenaphthene-d10 | 14.316      |      |
| Hit# of 5 | Tentative ID           | MW     | MolForm          | CAS#        | Qual |
| 1         | 1-Iodoundecane         | 282    | C11H23I          | 004282-44-4 | 62   |
| 2         | Tridecane, 2-methyl-   | 198    | C14H30           | 001560-96-9 | 59   |
| 3         | Tetradecane, 1-iodo-   | 324    | C14H29I          | 019218-94-1 | 59   |
| 4         | Heptane, 3,4-dimethyl- | 128    | C9H20            | 000922-28-1 | 53   |
| 5         | Dodecane, 2-methyl-    | 184    | C13H28           | 001560-97-0 | 53   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM032924\  
Data File : BM044818.D  
Acq On : 29 Mar 2024 17:00  
Operator : MA/JU  
Sample : P1876-01 2X  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

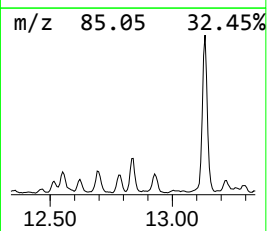
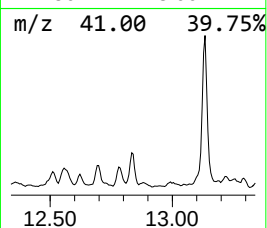
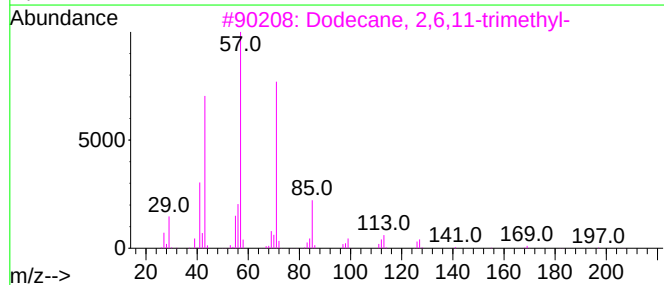
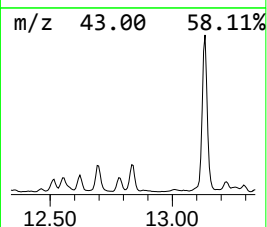
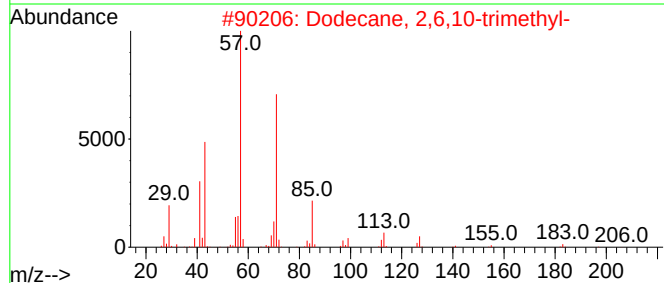
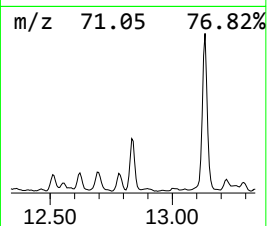
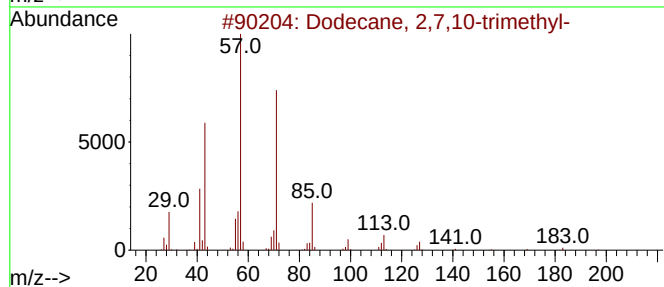
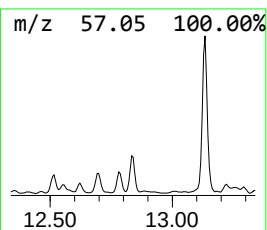
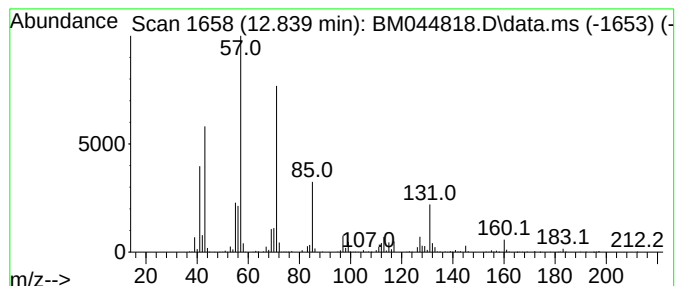
Instrument :  
BNA\_M  
ClientSampleId :  
TR-06-032624

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM032824.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 Dodecane, 2,7,10-trimethyl- Concentration Rank 16

| R.T.      | EstConc                     | Area   | Relative to ISTD |         | R.T.        |      |
|-----------|-----------------------------|--------|------------------|---------|-------------|------|
| 12.839    | 12.34 ng                    | 781343 | Acenaphthene-d10 |         | 14.316      |      |
| Hit# of 5 | Tentative ID                |        | MW               | MolForm | CAS#        | Qual |
| 1         | Dodecane, 2,7,10-trimethyl- |        | 212              | C15H32  | 074645-98-0 | 74   |
| 2         | Dodecane, 2,6,10-trimethyl- |        | 212              | C15H32  | 003891-98-3 | 72   |
| 3         | Dodecane, 2,6,11-trimethyl- |        | 212              | C15H32  | 031295-56-4 | 59   |
| 4         | Nonane, 3-methyl-5-propyl-  |        | 184              | C13H28  | 031081-18-2 | 59   |
| 5         | Octane, 2,6-dimethyl-       |        | 142              | C10H22  | 002051-30-1 | 58   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM032924\  
Data File : BM044818.D  
Acq On : 29 Mar 2024 17:00  
Operator : MA/JU  
Sample : P1876-01 2X  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

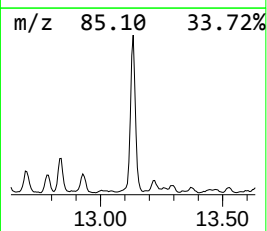
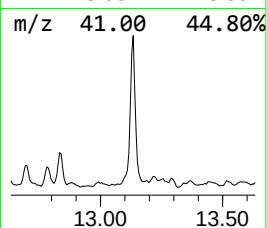
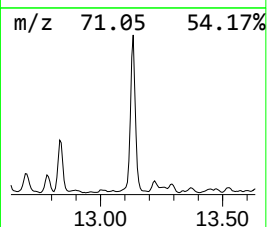
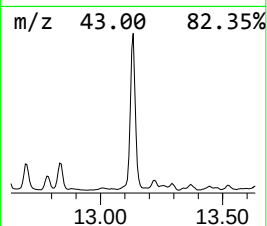
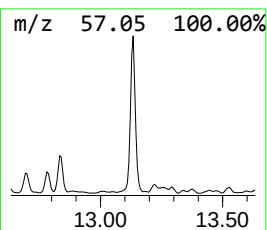
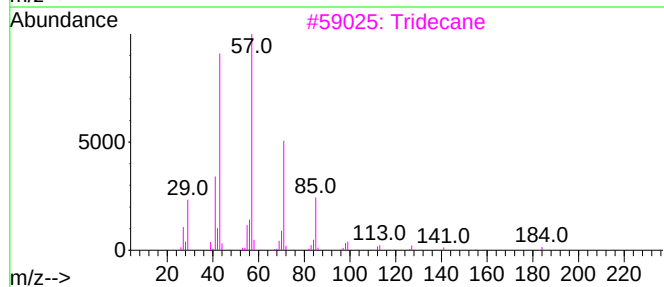
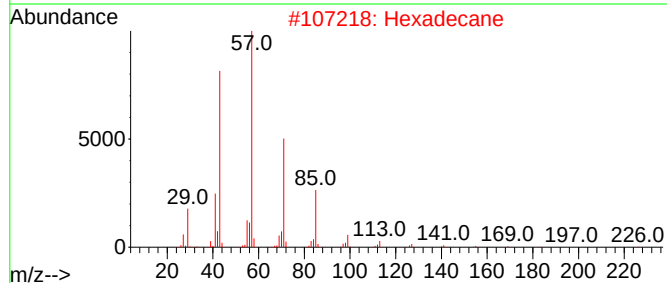
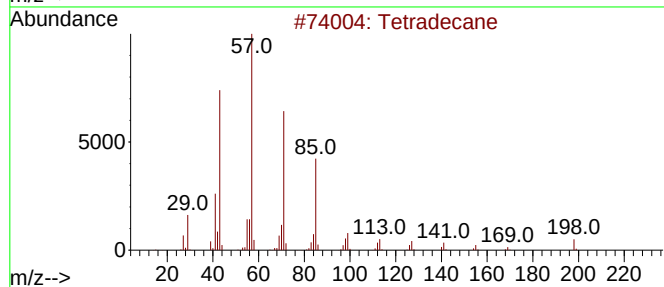
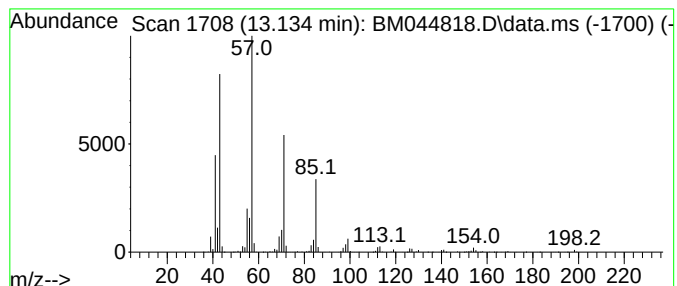
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BNA\_M  
ClientSampleId :  
TR-06-032624

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM032824.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 Tetradecane Concentration Rank 2

| R.T.      | EstConc                             | Area    | Relative to ISTD |           | R.T.         |      |
|-----------|-------------------------------------|---------|------------------|-----------|--------------|------|
| 13.134    | 46.34 ng                            | 2933300 | Acenaphthene-d10 |           | 14.316       |      |
| Hit# of 5 | Tentative ID                        |         | MW               | MolForm   | CAS#         | Qual |
| 1         | Tetradecane                         |         | 198              | C14H30    | 000629-59-4  | 97   |
| 2         | Hexadecane                          |         | 226              | C16H34    | 000544-76-3  | 91   |
| 3         | Tridecane                           |         | 184              | C13H28    | 000629-50-5  | 78   |
| 4         | Sulfurous acid, pentadecyl 2-pro... |         | 334              | C18H38O3S | 1000309-12-6 | 78   |
| 5         | Decane, 3-bromo-                    |         | 220              | C10H21Br  | 030571-71-2  | 72   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM032924\  
Data File : BM044818.D  
Acq On : 29 Mar 2024 17:00  
Operator : MA/JU  
Sample : P1876-01 2X  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

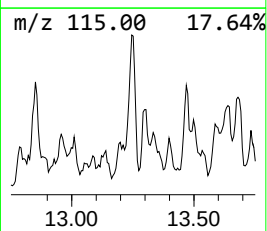
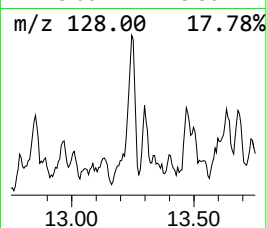
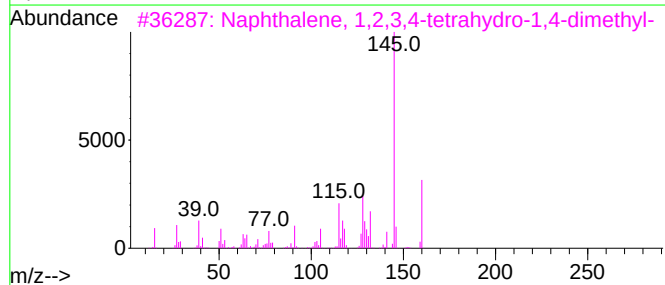
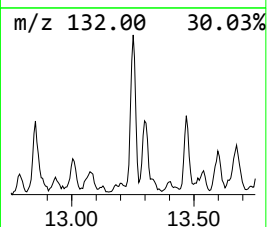
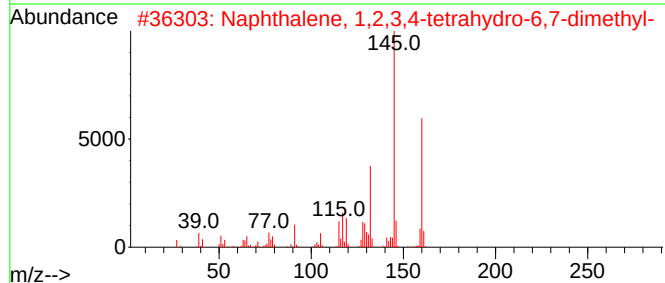
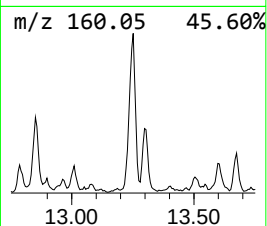
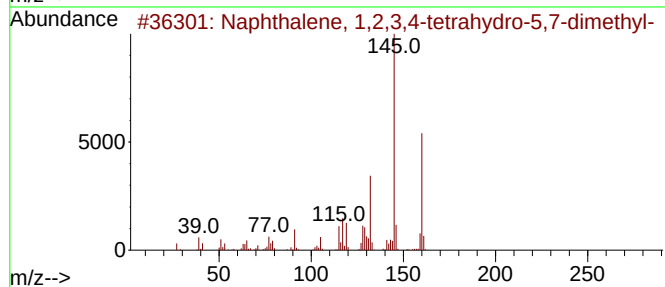
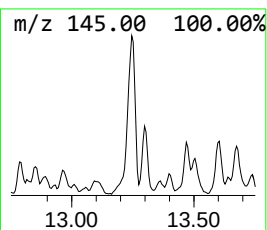
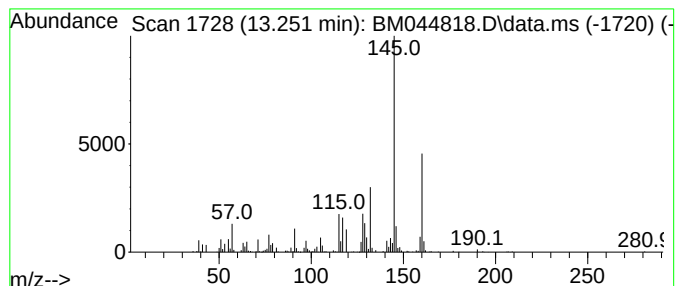
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ClientSampleId :  
TR-06-032624

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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 8 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 19

| R.T.      | EstConc                             | Area   | Relative to ISTD | R.T.        |      |
|-----------|-------------------------------------|--------|------------------|-------------|------|
| 13.251    | 10.99 ng                            | 695825 | Acenaphthene-d10 | 14.316      |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm          | CAS#        | Qual |
| 1         | Naphthalene, 1,2,3,4-tetrahydro-... | 160    | C12H16           | 021693-54-9 | 94   |
| 2         | Naphthalene, 1,2,3,4-tetrahydro-... | 160    | C12H16           | 001076-61-5 | 94   |
| 3         | Naphthalene, 1,2,3,4-tetrahydro-... | 160    | C12H16           | 004175-54-6 | 91   |
| 4         | Benzene, 1-(2-butenyl)-2,3-dimet... | 160    | C12H16           | 054340-85-1 | 91   |
| 5         | Naphthalene, 1,2,3,4-tetrahydro-... | 160    | C12H16           | 020027-77-4 | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM032924\  
Data File : BM044818.D  
Acq On : 29 Mar 2024 17:00  
Operator : MA/JU  
Sample : P1876-01 2X  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
TR-06-032624

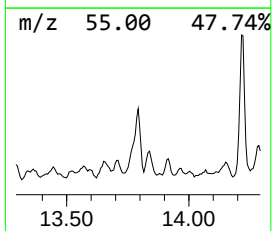
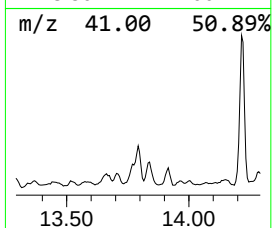
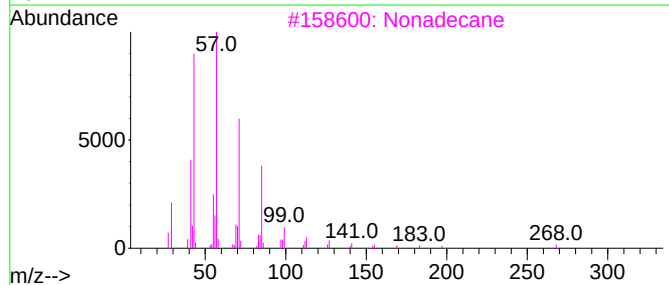
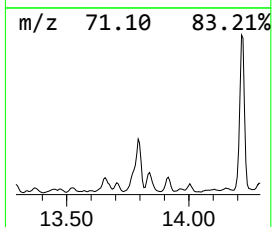
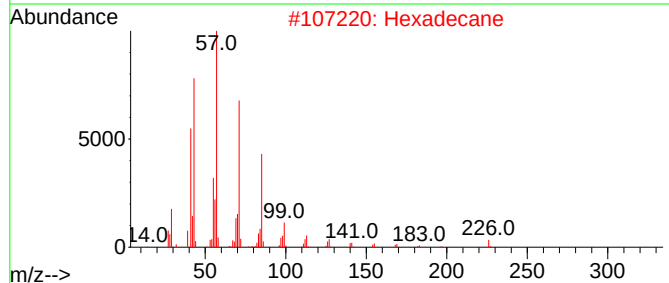
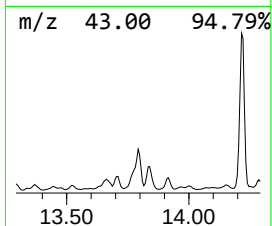
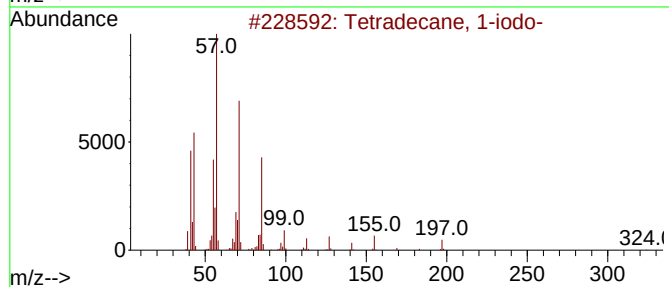
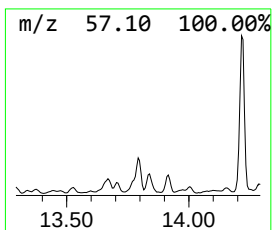
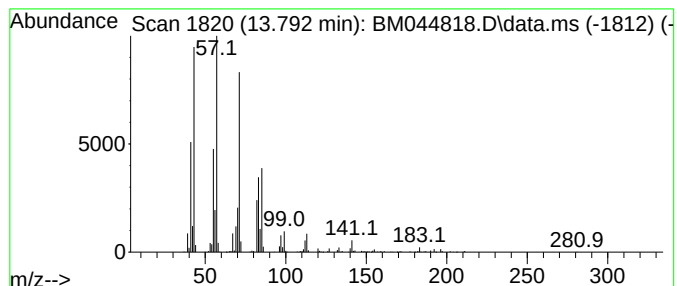
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 9 Tetradecane, 1-iodo- Concentration Rank 12

| R.T.      | EstConc                             | Area    | Relative to ISTD | R.T.        |      |
|-----------|-------------------------------------|---------|------------------|-------------|------|
| 13.792    | 18.51 ng                            | 1171550 | Acenaphthene-d10 | 14.316      |      |
| Hit# of 5 | Tentative ID                        | MW      | MolForm          | CAS#        | Qual |
| 1         | Tetradecane, 1-iodo-                | 324     | C14H29I          | 019218-94-1 | 72   |
| 2         | Hexadecane                          | 226     | C16H34           | 000544-76-3 | 64   |
| 3         | Nonadecane                          | 268     | C19H40           | 000629-92-5 | 64   |
| 4         | Heneicosane                         | 296     | C21H44           | 000629-94-7 | 59   |
| 5         | Heptadecane, 2,6,10,15-tetramethyl- | 296     | C21H44           | 054833-48-6 | 58   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM032924\  
Data File : BM044818.D  
Acq On : 29 Mar 2024 17:00  
Operator : MA/JU  
Sample : P1876-01 2X  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
TR-06-032624

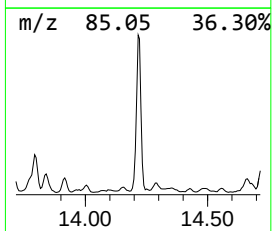
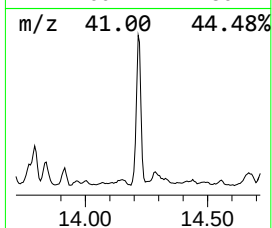
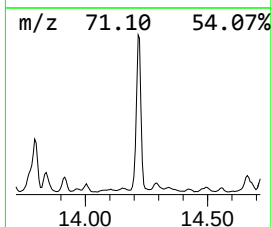
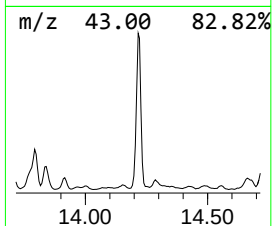
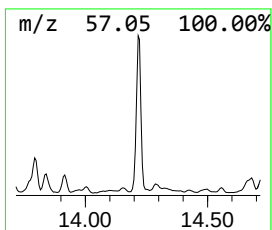
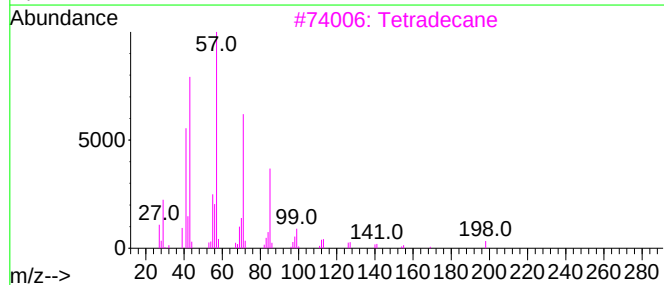
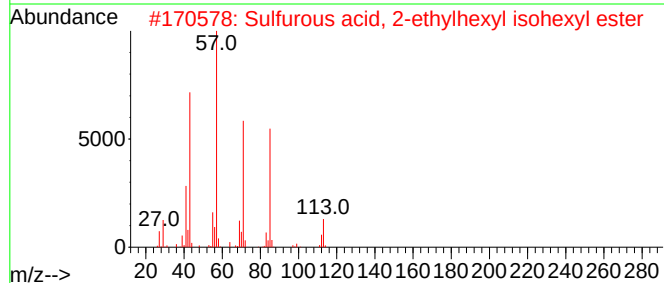
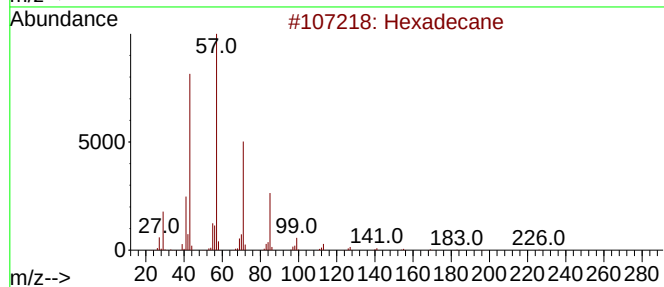
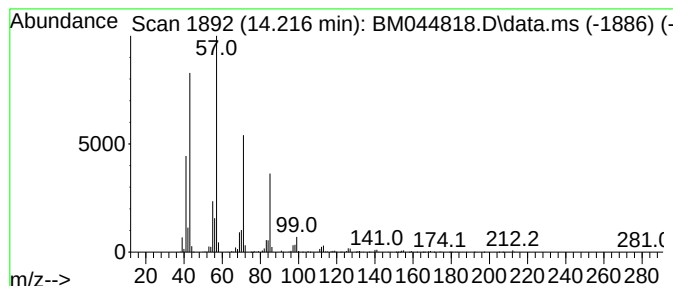
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 10 Hexadecane Concentration Rank 3

| R.T.   | EstConc  | Area    | Relative to ISTD | R.T.   |
|--------|----------|---------|------------------|--------|
| 14.216 | 46.12 ng | 2919460 | Acenaphthene-d10 | 14.316 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | Hexadecane                          | 226 | C16H34    | 000544-76-3  | 91   |
| 2    |    |   | Sulfurous acid, 2-ethylhexyl iso... | 278 | C14H30O3S | 1000309-19-0 | 90   |
| 3    |    |   | Tetradecane                         | 198 | C14H30    | 000629-59-4  | 90   |
| 4    |    |   | Decane, 3-bromo-                    | 220 | C10H21Br  | 030571-71-2  | 86   |
| 5    |    |   | Tridecane                           | 184 | C13H28    | 000629-50-5  | 80   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM032924\  
Data File : BM044818.D  
Acq On : 29 Mar 2024 17:00  
Operator : MA/JU  
Sample : P1876-01 2X  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
TR-06-032624

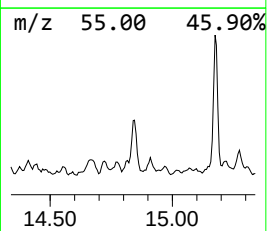
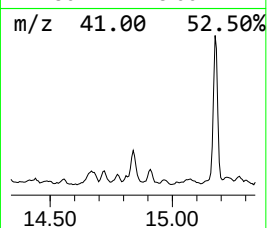
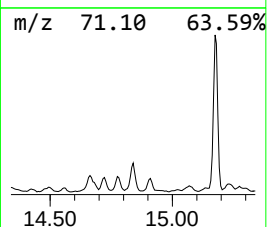
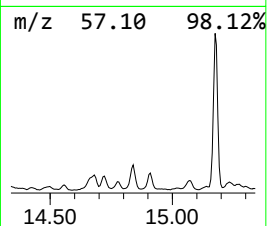
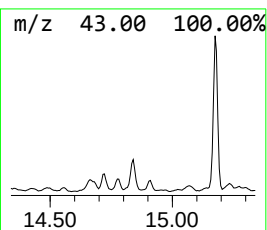
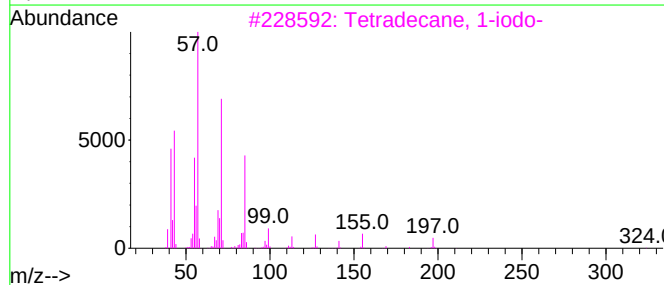
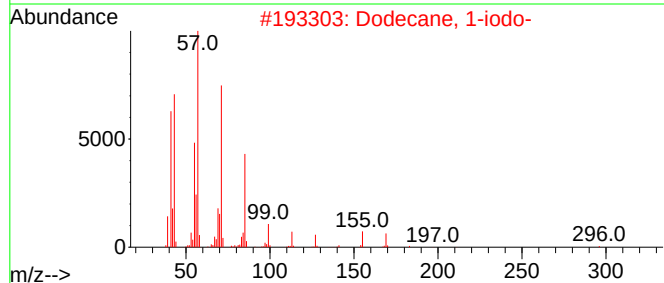
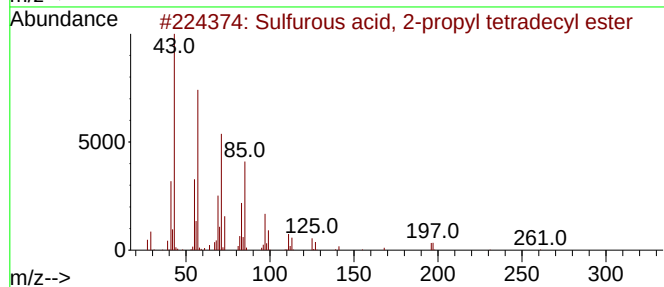
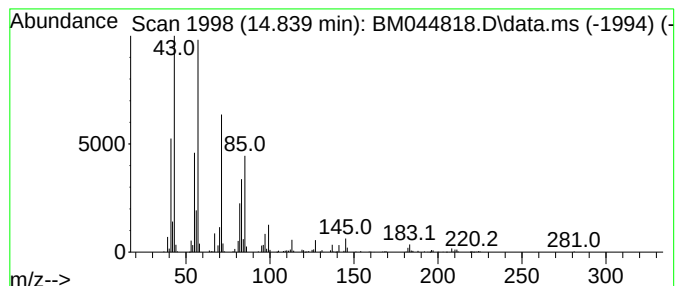
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 11 Sulfurous acid, 2-propyl te... Concentration Rank 18

| R.T.      | EstConc                              | Area   | Relative to ISTD | R.T.         |      |
|-----------|--------------------------------------|--------|------------------|--------------|------|
| 14.839    | 12.20 ng                             | 772540 | Acenaphthene-d10 | 14.316       |      |
| Hit# of 5 | Tentative ID                         | MW     | MolForm          | CAS#         | Qual |
| 1         | Sulfurous acid, 2-propyl tetradec... | 320    | C17H36O3S        | 1010309-12-5 | 72   |
| 2         | Dodecane, 1-iodo-                    | 296    | C12H25I          | 004292-19-7  | 68   |
| 3         | Tetradecane, 1-iodo-                 | 324    | C14H29I          | 019218-94-1  | 64   |
| 4         | Octadecane, 2-methyl-                | 268    | C19H40           | 001560-88-9  | 64   |
| 5         | 2-Bromotetradecane                   | 276    | C14H29Br         | 074036-95-6  | 64   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM032924\  
Data File : BM044818.D  
Acq On : 29 Mar 2024 17:00  
Operator : MA/JU  
Sample : P1876-01 2X  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
TR-06-032624

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM032824.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

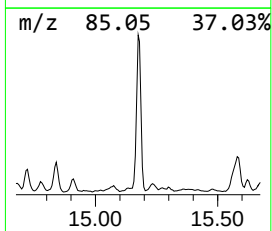
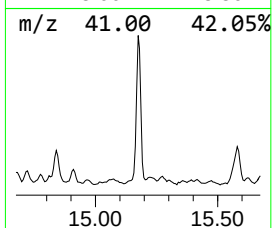
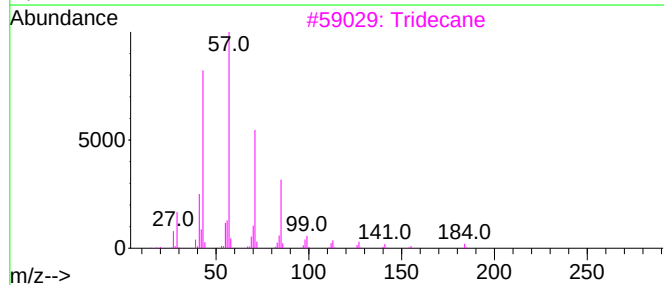
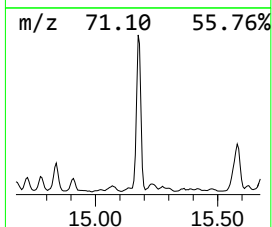
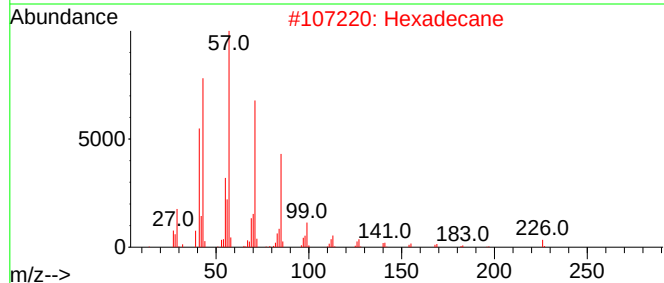
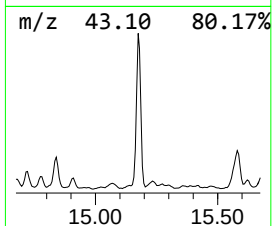
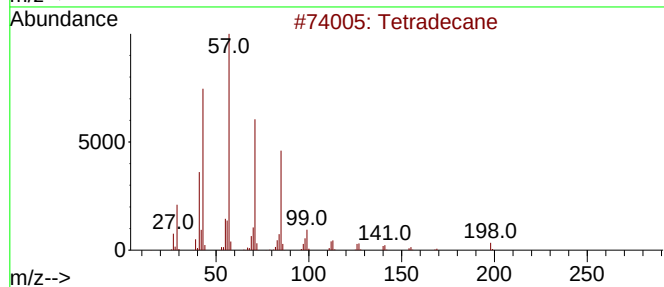
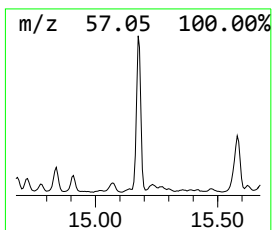
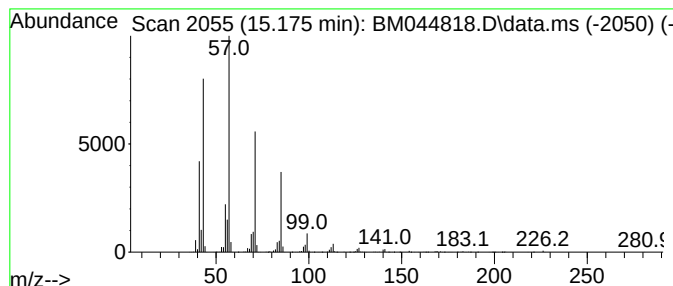
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TIC Integration Parameters: LSCINT.P

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Peak Number 12 Sulfurous acid, 2-ethylhexy... Concentration Rank 5

| R.T.   | EstConc  | Area    | Relative to ISTD | R.T.   |
|--------|----------|---------|------------------|--------|
| 15.175 | 39.75 ng | 2516260 | Acenaphthene-d10 | 14.316 |

| Hit# | of 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|------|-------------------------------------|-----|-----------|--------------|------|
| 1    |      | Tetradecane                         | 198 | C14H30    | 000629-59-4  | 96   |
| 2    |      | Hexadecane                          | 226 | C16H34    | 000544-76-3  | 93   |
| 3    |      | Tridecane                           | 184 | C13H28    | 000629-50-5  | 90   |
| 4    |      | Sulfurous acid, 2-ethylhexyl iso... | 278 | C14H30O3S | 1000309-19-0 | 86   |
| 5    |      | Eicosane                            | 282 | C20H42    | 000112-95-8  | 86   |





Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM032924\  
Data File : BM044818.D  
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Misc :  
ALS Vial : 3 Sample Multiplier: 1

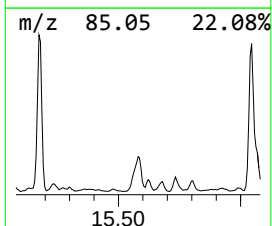
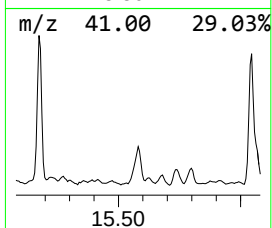
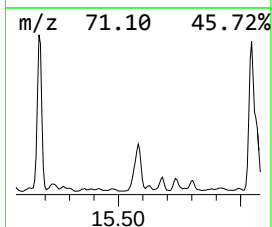
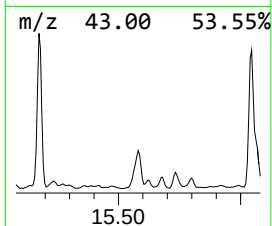
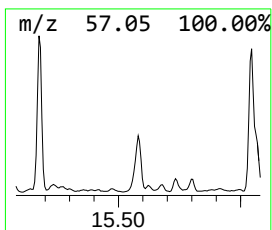
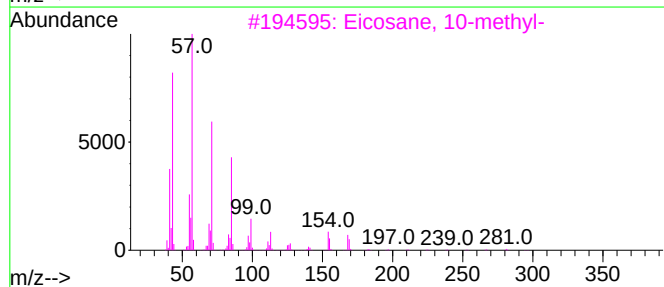
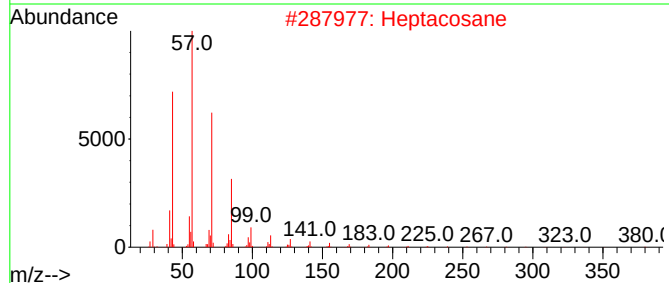
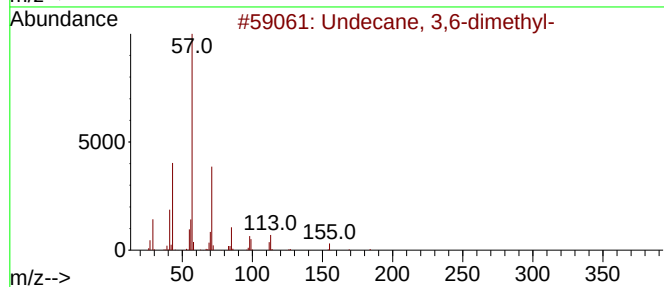
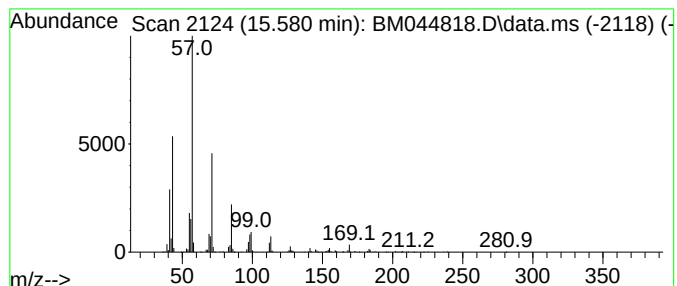
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BNA\_M  
ClientSampleId :  
TR-06-032624

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM032824.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 Undecane, 3,6-dimethyl- Concentration Rank 14

| R.T.      | EstConc                 | Area   | Relative to ISTD |         | R.T.        |      |
|-----------|-------------------------|--------|------------------|---------|-------------|------|
| 15.580    | 15.53 ng                | 982949 | Acenaphthene-d10 |         | 14.316      |      |
| Hit# of 5 | Tentative ID            |        | MW               | MolForm | CAS#        | Qual |
| 1         | Undecane, 3,6-dimethyl- |        | 184              | C13H28  | 017301-28-9 | 87   |
| 2         | Heptacosane             |        | 380              | C27H56  | 000593-49-7 | 87   |
| 3         | Eicosane, 10-methyl-    |        | 296              | C21H44  | 054833-23-7 | 72   |
| 4         | Heneicosane             |        | 296              | C21H44  | 000629-94-7 | 64   |
| 5         | Tetracosane             |        | 338              | C24H50  | 000646-31-1 | 64   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM032924\  
Data File : BM044818.D  
Acq On : 29 Mar 2024 17:00  
Operator : MA/JU  
Sample : P1876-01 2X  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
TR-06-032624

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM032824.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

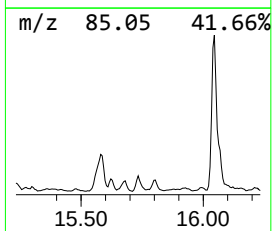
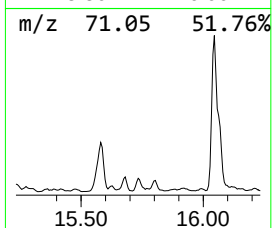
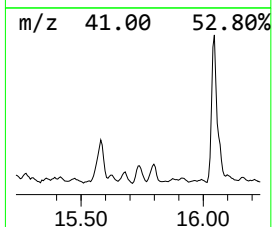
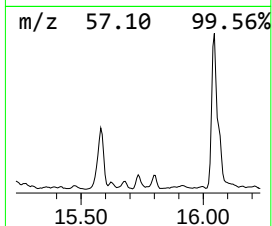
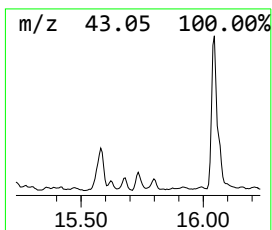
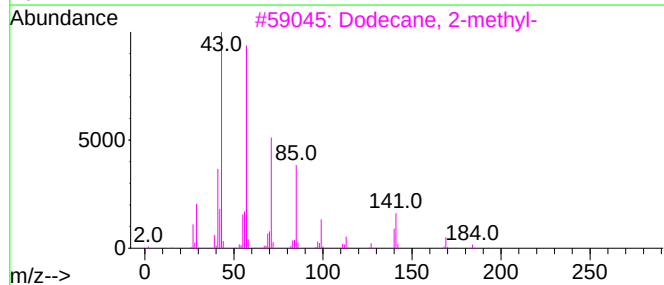
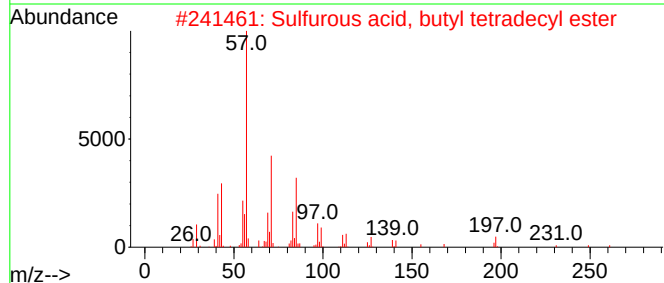
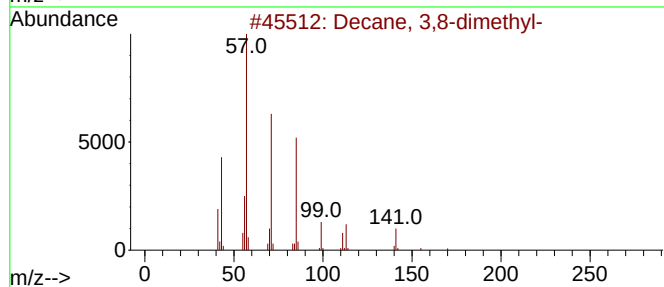
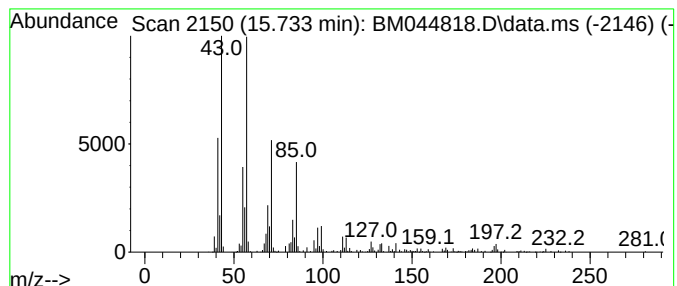
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TIC Integration Parameters: LSCINT.P

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Peak Number 14 Decane, 3,8-dimethyl- Concentration Rank 20

| R.T.   | EstConc  | Area   | Relative to ISTD | R.T.   |
|--------|----------|--------|------------------|--------|
| 15.733 | 10.81 ng | 427013 | Phenanthrene-d10 | 17.069 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | Decane, 3,8-dimethyl-               | 170 | C12H26    | 017312-55-9  | 87   |
| 2    |    |   | Sulfurous acid, butyl tetradecyl... | 334 | C18H38O3S | 1010309-18-1 | 87   |
| 3    |    |   | Dodecane, 2-methyl-                 | 184 | C13H28    | 001560-97-0  | 87   |
| 4    |    |   | Sulfurous acid, butyl dodecyl ester | 306 | C16H34O3S | 1000309-17-9 | 87   |
| 5    |    |   | Sulfurous acid, butyl tridecyl e... | 320 | C17H36O3S | 1000309-18-0 | 86   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM032924\  
Data File : BM044818.D  
Acq On : 29 Mar 2024 17:00  
Operator : MA/JU  
Sample : P1876-01 2X  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

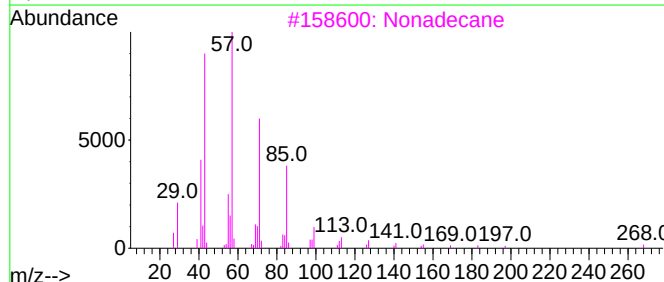
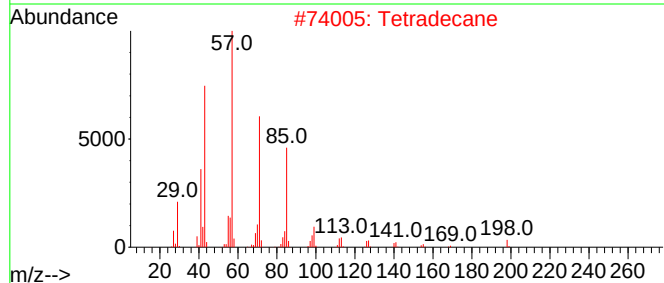
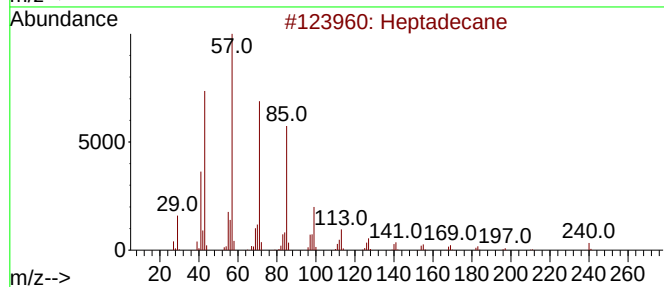
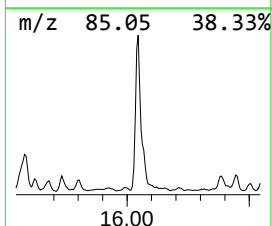
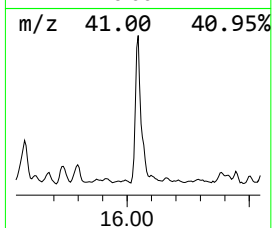
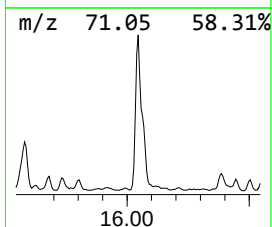
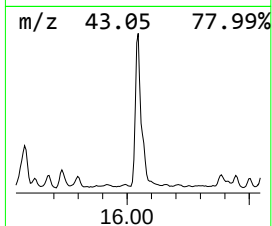
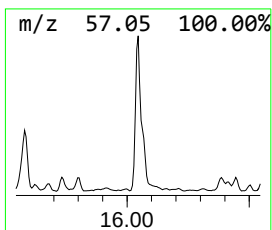
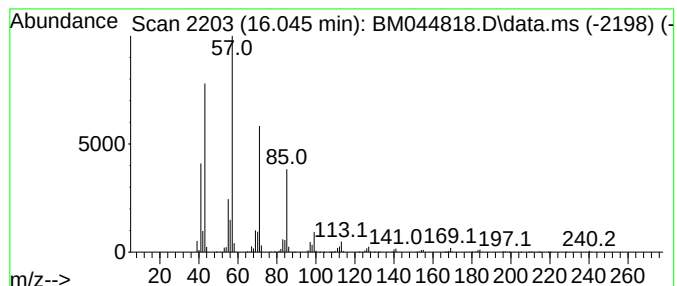
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BNA\_M  
ClientSampleId :  
TR-06-032624

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM032824.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 15 Heptadecane Concentration Rank 1

| R.T.      | EstConc          | Area    | Relative to ISTD |         | R.T.        |      |
|-----------|------------------|---------|------------------|---------|-------------|------|
| 16.045    | 83.13 ng         | 3284080 | Phenanthrene-d10 |         | 17.069      |      |
| Hit# of 5 | Tentative ID     |         | MW               | MolForm | CAS#        | Qual |
| 1         | Heptadecane      |         | 240              | C17H36  | 000629-78-7 | 97   |
| 2         | Tetradecane      |         | 198              | C14H30  | 000629-59-4 | 96   |
| 3         | Nonadecane       |         | 268              | C19H40  | 000629-92-5 | 91   |
| 4         | Nonane, 5-butyl- |         | 184              | C13H28  | 017312-63-9 | 90   |
| 5         | Tridecane        |         | 184              | C13H28  | 000629-50-5 | 90   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM032924\  
Data File : BM044818.D  
Acq On : 29 Mar 2024 17:00  
Operator : MA/JU  
Sample : P1876-01 2X  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

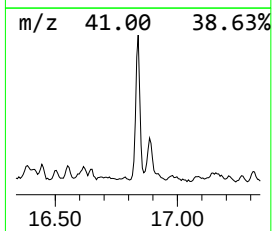
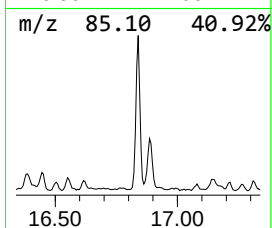
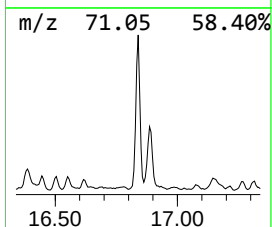
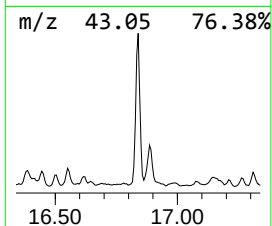
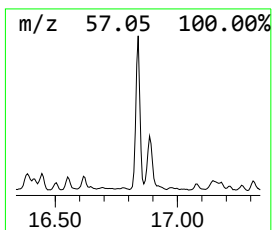
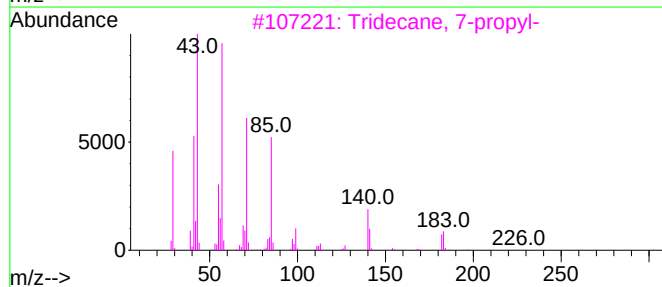
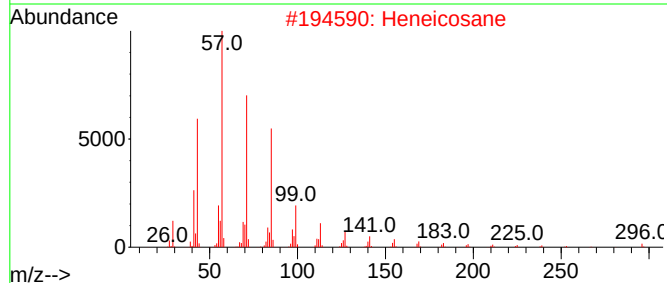
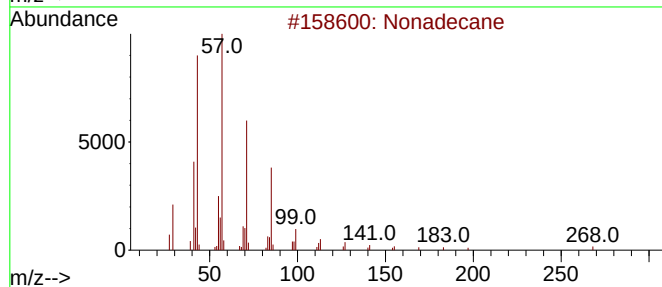
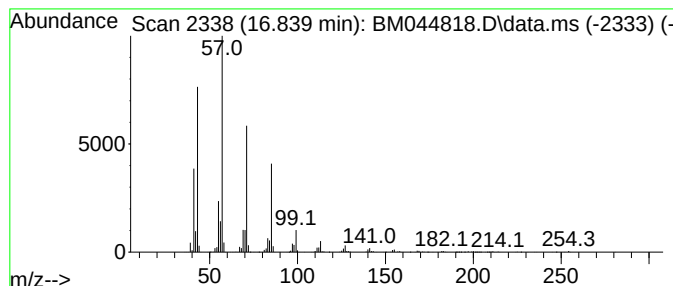
Instrument :  
BNA\_M  
ClientSampleId :  
TR-06-032624

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM032824.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 16 Nonadecane Concentration Rank 4

| R.T.      | EstConc              | Area    | Relative to ISTD |         | R.T.        |      |
|-----------|----------------------|---------|------------------|---------|-------------|------|
| 16.839    | 46.09 ng             | 1820700 | Phenanthrene-d10 |         | 17.069      |      |
| Hit# of 5 | Tentative ID         |         | MW               | MolForm | CAS#        | Qual |
| 1         | Nonadecane           |         | 268              | C19H40  | 000629-92-5 | 91   |
| 2         | Heneicosane          |         | 296              | C21H44  | 000629-94-7 | 90   |
| 3         | Tridecane, 7-propyl- |         | 226              | C16H34  | 055045-09-5 | 90   |
| 4         | Pentadecane          |         | 212              | C15H32  | 000629-62-9 | 86   |
| 5         | Tridecane, 1-iodo-   |         | 310              | C13H27I | 035599-77-0 | 86   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM032924\  
Data File : BM044818.D  
Acq On : 29 Mar 2024 17:00  
Operator : MA/JU  
Sample : P1876-01 2X  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
TR-06-032624

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM032824.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

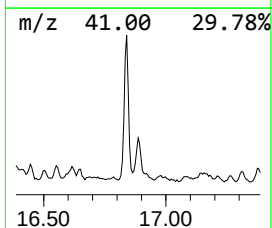
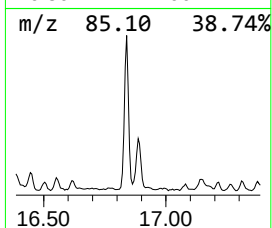
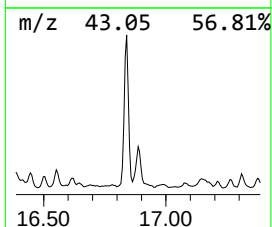
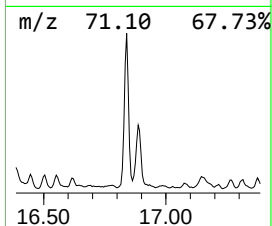
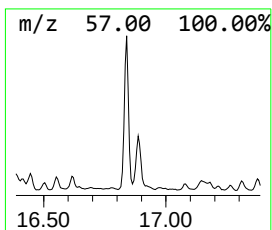
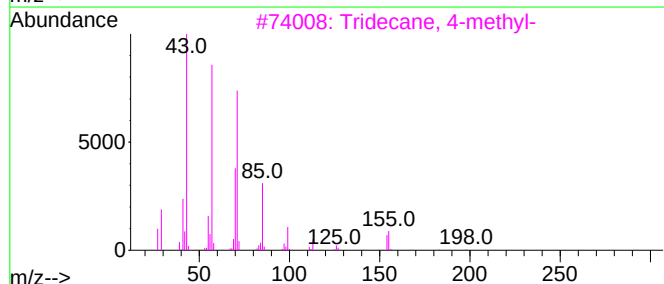
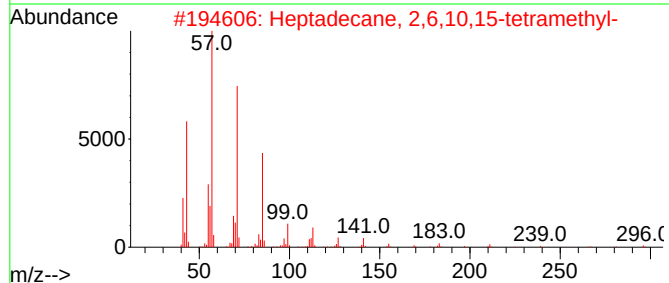
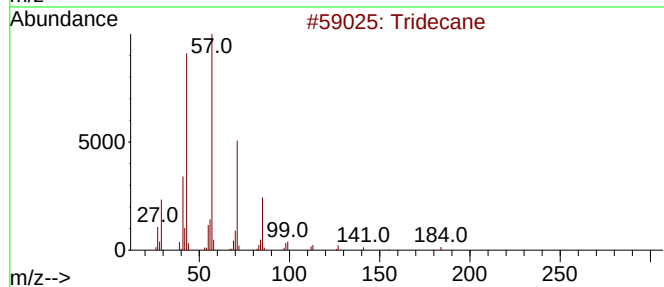
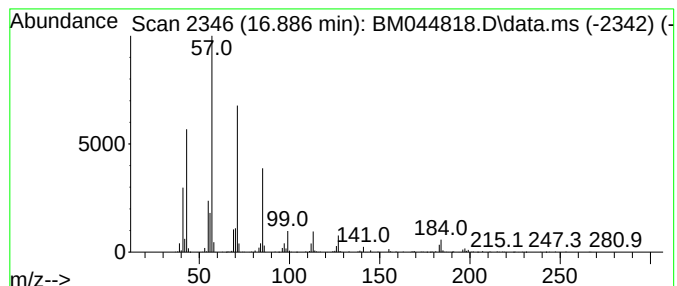
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 17 Heptadecane, 2,6,10,15-tetr... Concentration Rank 9

| R.T.   | EstConc  | Area   | Relative to ISTD | R.T.   |
|--------|----------|--------|------------------|--------|
| 16.886 | 23.89 ng | 943721 | Phenanthrene-d10 | 17.069 |

| Hit# | of 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|------|-------------------------------------|-----|---------|-------------|------|
| 1    |      | Tridecane                           | 184 | C13H28  | 000629-50-5 | 91   |
| 2    |      | Heptadecane, 2,6,10,15-tetramethyl- | 296 | C21H44  | 054833-48-6 | 90   |
| 3    |      | Tridecane, 4-methyl-                | 198 | C14H30  | 026730-12-1 | 87   |
| 4    |      | Tetradecane, 1-iodo-                | 324 | C14H29I | 019218-94-1 | 80   |
| 5    |      | Hexadecane                          | 226 | C16H34  | 000544-76-3 | 80   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM032924\  
Data File : BM044818.D  
Acq On : 29 Mar 2024 17:00  
Operator : MA/JU  
Sample : P1876-01 2X  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
TR-06-032624

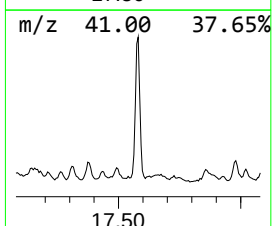
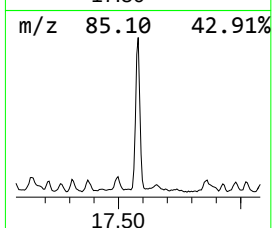
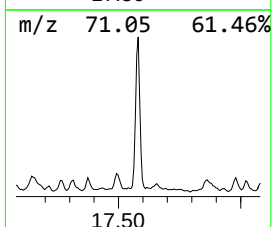
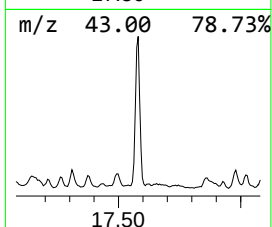
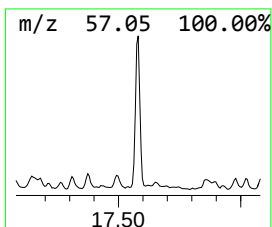
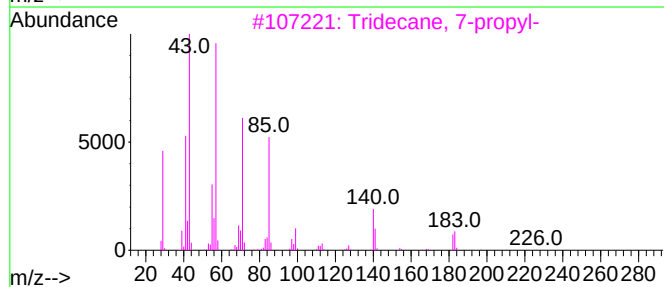
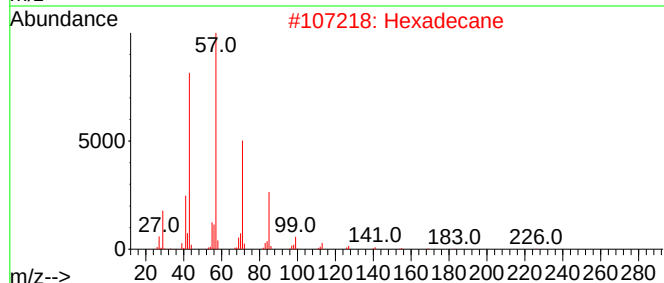
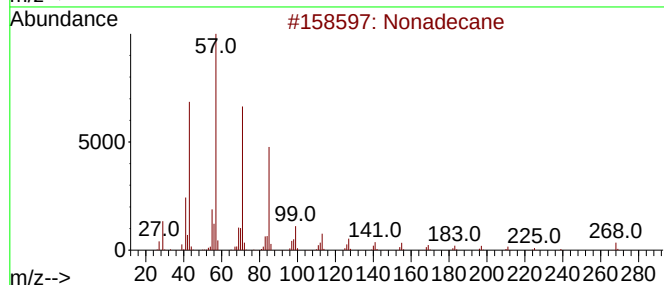
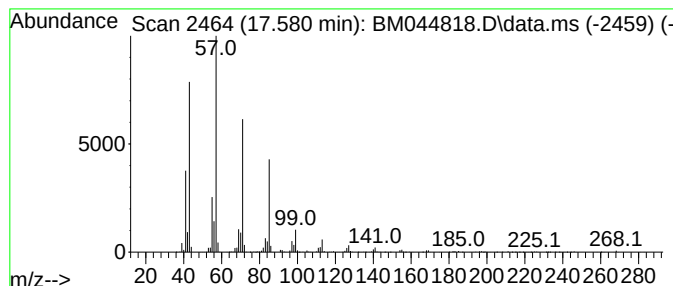
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 18 Tridecane, 7-propyl- Concentration Rank 6

| R.T.   | EstConc  | Area    | Relative to ISTD | R.T.   |
|--------|----------|---------|------------------|--------|
| 17.580 | 38.68 ng | 1528160 | Phenanthrene-d10 | 17.069 |

| Hit# | of | 5 | Tentative ID         | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------|-----|---------|-------------|------|
| 1    |    |   | Nonadecane           | 268 | C19H40  | 000629-92-5 | 97   |
| 2    |    |   | Hexadecane           | 226 | C16H34  | 000544-76-3 | 96   |
| 3    |    |   | Tridecane, 7-propyl- | 226 | C16H34  | 055045-09-5 | 93   |
| 4    |    |   | Tridecane, 6-propyl- | 226 | C16H34  | 055045-10-8 | 93   |
| 5    |    |   | Tridecane, 6-methyl- | 198 | C14H30  | 013287-21-3 | 90   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM032924\  
Data File : BM044818.D  
Acq On : 29 Mar 2024 17:00  
Operator : MA/JU  
Sample : P1876-01 2X  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

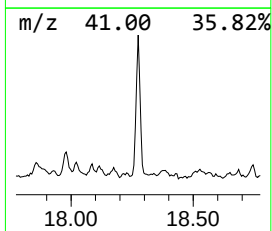
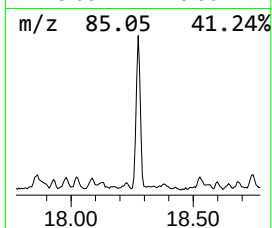
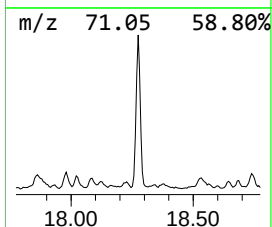
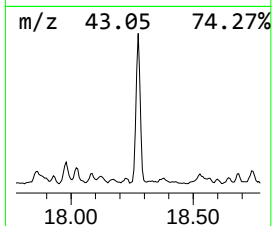
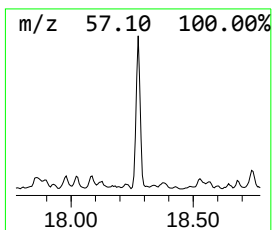
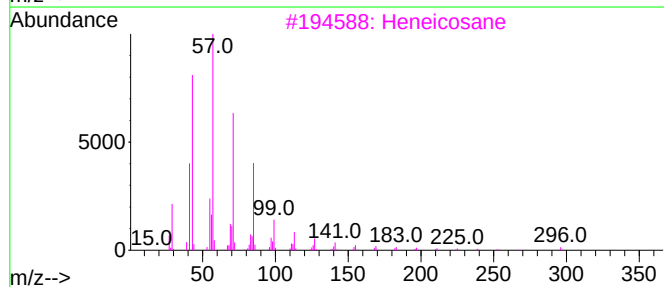
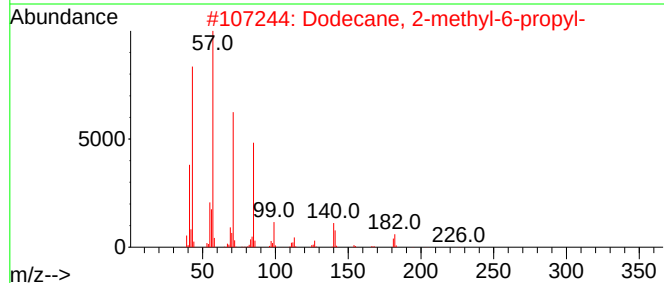
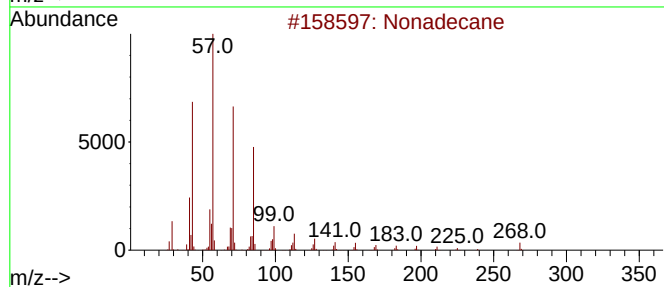
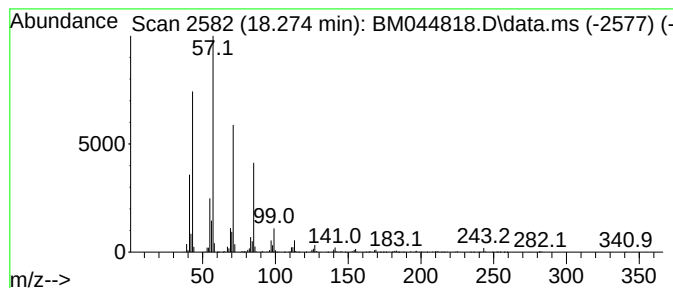
Instrument :  
BNA\_M  
ClientSampleId :  
TR-06-032624

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM032824.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 19 Dodecane, 2-methyl-6-propyl- Concentration Rank 7

| R.T.      | EstConc                      | Area    | Relative to ISTD |         | R.T.        |      |
|-----------|------------------------------|---------|------------------|---------|-------------|------|
| 18.274    | 33.87 ng                     | 1337790 | Phenanthrene-d10 |         | 17.069      |      |
| Hit# of 5 | Tentative ID                 |         | MW               | MolForm | CAS#        | Qual |
| 1         | Nonadecane                   |         | 268              | C19H40  | 000629-92-5 | 97   |
| 2         | Dodecane, 2-methyl-6-propyl- |         | 226              | C16H34  | 055045-08-4 | 91   |
| 3         | Heneicosane                  |         | 296              | C21H44  | 000629-94-7 | 91   |
| 4         | Tridecane, 1-iodo-           |         | 310              | C13H27I | 035599-77-0 | 86   |
| 5         | Pentacosane                  |         | 352              | C25H52  | 000629-99-2 | 80   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM032924\  
Data File : BM044818.D  
Acq On : 29 Mar 2024 17:00  
Operator : MA/JU  
Sample : P1876-01 2X  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
TR-06-032624

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM032824.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

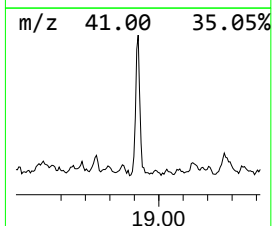
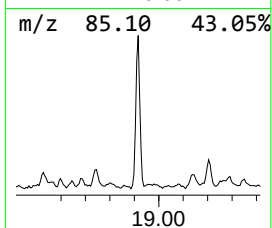
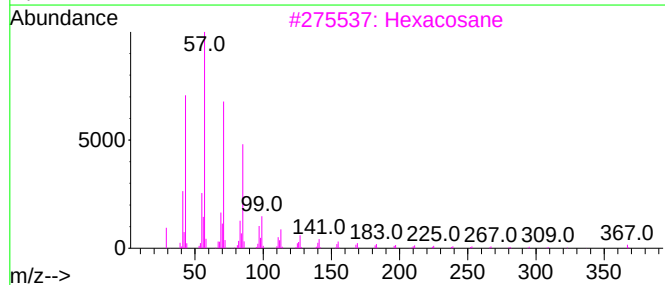
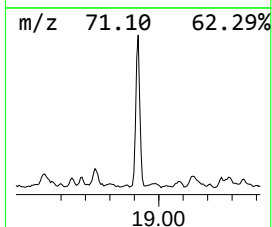
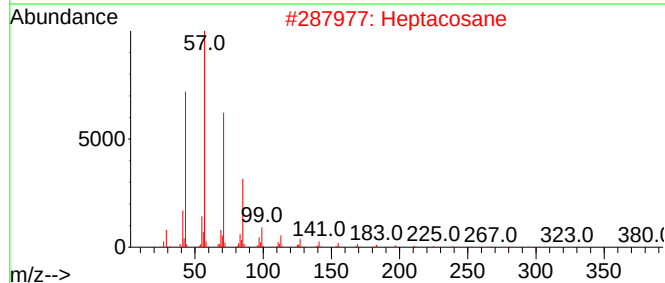
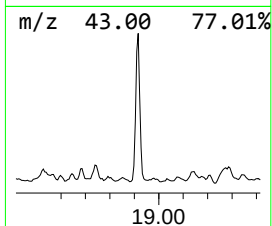
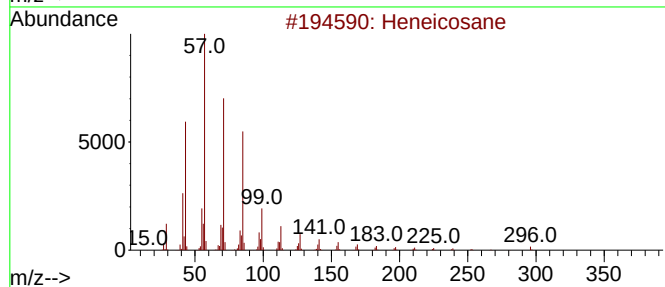
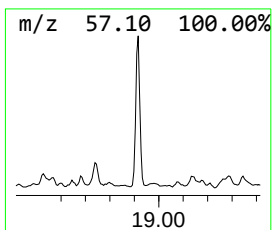
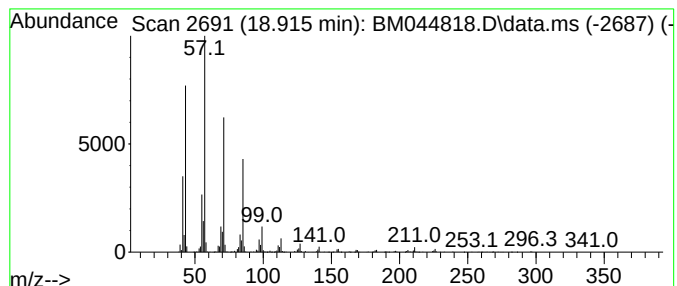
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 20 Heneicosane Concentration Rank 8

| R.T.   | EstConc  | Area    | Relative to ISTD | R.T.   |
|--------|----------|---------|------------------|--------|
| 18.916 | 26.68 ng | 1054000 | Phenanthrene-d10 | 17.069 |

| Hit# | of 5 | Tentative ID        | MW  | MolForm | CAS#        | Qual |
|------|------|---------------------|-----|---------|-------------|------|
| 1    |      | Heneicosane         | 296 | C21H44  | 000629-94-7 | 96   |
| 2    |      | Heptacosane         | 380 | C27H56  | 000593-49-7 | 91   |
| 3    |      | Hexacosane          | 366 | C26H54  | 000630-01-3 | 91   |
| 4    |      | 10-Methylnonadecane | 282 | C20H42  | 056862-62-5 | 91   |
| 5    |      | Nonadecane          | 268 | C19H40  | 000629-92-5 | 91   |





Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM032924\  
 Data File : BM044818.D  
 Acq On : 29 Mar 2024 17:00  
 Operator : MA/JU  
 Sample : P1876-01 2X  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 TR-06-032624

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM032824.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 |
| Benzene, 1,4-di... | 8.299  | 19.2    | ng    | 613345   | 1                     | 7.669  | 637420  | 20.0 |
| Benzene, 4-ethy... | 8.757  | 16.0    | ng    | 511202   | 1                     | 7.669  | 637420  | 20.0 |
| unknown8.998       | 8.998  | 12.3    | ng    | 392684   | 1                     | 7.669  | 637420  | 20.0 |
| Tridecane          | 11.869 | 20.2    | ng    | 3073830  | 2                     | 10.445 | 3039350 | 20.0 |
| 1-Iodoundecane     | 12.692 | 12.6    | ng    | 794390   | 3                     | 14.316 | 1266100 | 20.0 |
| Dodecane, 2,7,1... | 12.839 | 12.3    | ng    | 781343   | 3                     | 14.316 | 1266100 | 20.0 |
| Tetradecane        | 13.134 | 46.3    | ng    | 2933300  | 3                     | 14.316 | 1266100 | 20.0 |
| Naphthalene, 1,... | 13.251 | 11.0    | ng    | 695825   | 3                     | 14.316 | 1266100 | 20.0 |
| Tetradecane, 1-... | 13.792 | 18.5    | ng    | 1171550  | 3                     | 14.316 | 1266100 | 20.0 |
| Hexadecane         | 14.216 | 46.1    | ng    | 2919460  | 3                     | 14.316 | 1266100 | 20.0 |
| Sulfurous acid,... | 14.839 | 12.2    | ng    | 772540   | 3                     | 14.316 | 1266100 | 20.0 |
| Sulfurous acid,... | 15.175 | 39.8    | ng    | 2516260  | 3                     | 14.316 | 1266100 | 20.0 |
| Undecane, 3,6-d... | 15.580 | 15.5    | ng    | 982949   | 3                     | 14.316 | 1266100 | 20.0 |
| Decane, 3,8-dim... | 15.733 | 10.8    | ng    | 427013   | 4                     | 17.069 | 790065  | 20.0 |
| Heptadecane        | 16.045 | 83.1    | ng    | 3284080  | 4                     | 17.069 | 790065  | 20.0 |
| Nonadecane         | 16.839 | 46.1    | ng    | 1820700  | 4                     | 17.069 | 790065  | 20.0 |
| Heptadecane, 2,... | 16.886 | 23.9    | ng    | 943721   | 4                     | 17.069 | 790065  | 20.0 |
| Tridecane, 7-pr... | 17.580 | 38.7    | ng    | 1528160  | 4                     | 17.069 | 790065  | 20.0 |
| Dodecane, 2-met... | 18.274 | 33.9    | ng    | 1337790  | 4                     | 17.069 | 790065  | 20.0 |
| Heneicosane        | 18.916 | 26.7    | ng    | 1054000  | 4                     | 17.069 | 790065  | 20.0 |