

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF051815\  
 Data File : BF079328.D  
 Acq On : 19 May 2015 3:00  
 Operator : TP/IZ  
 Sample : G2273-07  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC-07-D1

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:\HPCHEM1\BNA\_F\METHODS\8270-BF043015.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

| 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         | 1.301       | 8             | 10          | 13           | rBV      | 2515632        | 2721531       | 100.00%         | 9.410%        |
| 2         | 1.415       | 18            | 20          | 30           | rVB2     | 64165          | 157946        | 5.80%           | 0.546%        |
| 3         | 1.598       | 33            | 36          | 39           | rVB      | 111503         | 132201        | 4.86%           | 0.457%        |
| 4         | 1.667       | 41            | 42          | 50           | rVB      | 63475          | 116606        | 4.28%           | 0.403%        |
| 5         | 1.781       | 50            | 52          | 80           | rVB      | 968113         | 1684180       | 61.88%          | 5.823%        |
| 6         | 3.324       | 183           | 187         | 191          | rBV      | 134955         | 254404        | 9.35%           | 0.880%        |
| 7         | 4.924       | 326           | 327         | 337          | rVB      | 118153         | 201978        | 7.42%           | 0.698%        |
| 8         | 5.256       | 353           | 356         | 358          | rBV      | 62702          | 72224         | 2.65%           | 0.250%        |
| 9         | 5.393       | 366           | 368         | 372          | rBV      | 356471         | 630262        | 23.16%          | 2.179%        |
| 10        | 5.462       | 372           | 374         | 383          | rVB      | 858743         | 951864        | 34.98%          | 3.291%        |
| 11        | 5.690       | 391           | 394         | 395          | rBV      | 29470          | 45588         | 1.68%           | 0.158%        |
| 12        | 5.724       | 395           | 397         | 400          | rVB      | 269558         | 279453        | 10.27%          | 0.966%        |
| 13        | 6.582       | 469           | 472         | 474          | rBV      | 47737          | 48413         | 1.78%           | 0.167%        |
| 14        | 6.673       | 478           | 480         | 484          | rBV      | 47831          | 71137         | 2.61%           | 0.246%        |
| 15        | 6.742       | 484           | 486         | 489          | rBV      | 1072555        | 1051013       | 38.62%          | 3.634%        |
| 16        | 6.879       | 496           | 498         | 501          | rBV      | 1002921        | 1058425       | 38.89%          | 3.660%        |
| 17        | 6.947       | 502           | 504         | 506          | rBV      | 81798          | 111325        | 4.09%           | 0.385%        |
| 18        | 7.165       | 521           | 523         | 525          | rBV      | 270513         | 269180        | 9.89%           | 0.931%        |
| 19        | 7.313       | 534           | 536         | 537          | rBV      | 67641          | 62293         | 2.29%           | 0.215%        |
| 20        | 7.347       | 537           | 539         | 542          | rVB      | 585602         | 785703        | 28.87%          | 2.717%        |
| 21        | 7.679       | 563           | 568         | 569          | rBV      | 28472          | 38182         | 1.40%           | 0.132%        |
| 22        | 7.862       | 581           | 584         | 586          | rBV      | 737282         | 668443        | 24.56%          | 2.311%        |
| 23        | 8.468       | 633           | 637         | 640          | rBV2     | 70947          | 111538        | 4.10%           | 0.386%        |
| 24        | 8.742       | 659           | 661         | 666          | rVB      | 420038         | 444501        | 16.33%          | 1.537%        |
| 25        | 9.451       | 722           | 723         | 725          | rBV      | 68602          | 80132         | 2.94%           | 0.277%        |
| 26        | 10.091      | 777           | 779         | 782          | rBV      | 1503103        | 1306847       | 48.02%          | 4.519%        |
| 27        | 10.502      | 813           | 815         | 816          | rVV      | 38603          | 41826         | 1.54%           | 0.145%        |
| 28        | 10.536      | 816           | 818         | 821          | rVV      | 33404          | 39580         | 1.45%           | 0.137%        |
| 29        | 10.594      | 821           | 823         | 826          | rVV3     | 54563          | 98944         | 3.64%           | 0.342%        |
| 30        | 10.639      | 826           | 827         | 833          | rVB      | 21443          | 37873         | 1.39%           | 0.131%        |
| 31        | 10.742      | 833           | 836         | 839          | rBV      | 104991         | 105946        | 3.89%           | 0.366%        |
| 32        | 10.914      | 849           | 851         | 854          | rVB      | 407810         | 439969        | 16.17%          | 1.521%        |
| 33        | 11.428      | 894           | 896         | 899          | rBV3     | 23142          | 43130         | 1.58%           | 0.149%        |
| 34        | 11.508      | 899           | 903         | 904          | rVB2     | 33952          | 49029         | 1.80%           | 0.170%        |

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF051815\  
 Data File : BF079328.D  
 Acq On : 19 May 2015 3:00  
 Operator : TP/IZ  
 Sample : G2273-07  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC-07-D1

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:\HPCHEM1\BNA\_F\METHODS\8270-BF043015.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 35 | 11.599 | 909  | 911  | 913  | rBV  | 35530   | 50632   | 1.86%  | 0.175% |
| 36 | 11.794 | 923  | 928  | 934  | rVB4 | 18151   | 55453   | 2.04%  | 0.192% |
| 37 | 11.896 | 934  | 937  | 940  | rBV  | 884680  | 920008  | 33.80% | 3.181% |
| 38 | 12.102 | 953  | 955  | 958  | rVB  | 66086   | 120867  | 4.44%  | 0.418% |
| 39 | 12.262 | 965  | 969  | 970  | rBV2 | 35267   | 45669   | 1.68%  | 0.158% |
| 40 | 12.445 | 983  | 985  | 989  | rBV3 | 36490   | 77338   | 2.84%  | 0.267% |
| 41 | 12.651 | 1002 | 1003 | 1005 | rVB2 | 46978   | 45156   | 1.66%  | 0.156% |
| 42 | 12.754 | 1010 | 1012 | 1014 | rBV  | 369322  | 499454  | 18.35% | 1.727% |
| 43 | 12.857 | 1017 | 1021 | 1023 | rBV  | 66773   | 93057   | 3.42%  | 0.322% |
| 44 | 13.097 | 1040 | 1042 | 1045 | rVV2 | 22440   | 52329   | 1.92%  | 0.181% |
| 45 | 13.188 | 1047 | 1050 | 1053 | rVB2 | 45601   | 59762   | 2.20%  | 0.207% |
| 46 | 13.382 | 1065 | 1067 | 1069 | rBV  | 43972   | 65202   | 2.40%  | 0.225% |
| 47 | 13.417 | 1069 | 1070 | 1074 | rVB  | 79831   | 111726  | 4.11%  | 0.386% |
| 48 | 13.485 | 1074 | 1076 | 1077 | rBV  | 78100   | 98078   | 3.60%  | 0.339% |
| 49 | 13.520 | 1077 | 1079 | 1081 | rVV2 | 109677  | 149387  | 5.49%  | 0.517% |
| 50 | 13.554 | 1081 | 1082 | 1085 | rVB  | 70089   | 63654   | 2.34%  | 0.220% |
| 51 | 13.691 | 1091 | 1094 | 1096 | rVV2 | 35176   | 56022   | 2.06%  | 0.194% |
| 52 | 13.760 | 1098 | 1100 | 1102 | rVV  | 43890   | 73482   | 2.70%  | 0.254% |
| 53 | 14.068 | 1124 | 1127 | 1129 | rBV  | 76842   | 131131  | 4.82%  | 0.453% |
| 54 | 14.114 | 1129 | 1131 | 1133 | rVV  | 40163   | 79177   | 2.91%  | 0.274% |
| 55 | 14.182 | 1135 | 1137 | 1140 | rVB3 | 80006   | 116945  | 4.30%  | 0.404% |
| 56 | 14.262 | 1142 | 1144 | 1146 | rBV  | 529131  | 605118  | 22.23% | 2.092% |
| 57 | 14.342 | 1149 | 1151 | 1153 | rBV3 | 37451   | 48314   | 1.78%  | 0.167% |
| 58 | 14.388 | 1153 | 1155 | 1157 | rVB  | 62861   | 88867   | 3.27%  | 0.307% |
| 59 | 14.445 | 1157 | 1160 | 1161 | rBV2 | 45761   | 59991   | 2.20%  | 0.207% |
| 60 | 14.548 | 1165 | 1169 | 1171 | rBV2 | 568265  | 706731  | 25.97% | 2.444% |
| 61 | 14.640 | 1176 | 1177 | 1181 | rVB2 | 49190   | 72310   | 2.66%  | 0.250% |
| 62 | 14.708 | 1181 | 1183 | 1184 | rBV  | 62685   | 75174   | 2.76%  | 0.260% |
| 63 | 14.754 | 1184 | 1187 | 1190 | rBV  | 1550377 | 1566167 | 57.55% | 5.415% |
| 64 | 14.834 | 1190 | 1194 | 1198 | rVB4 | 65910   | 128341  | 4.72%  | 0.444% |
| 65 | 14.891 | 1198 | 1199 | 1200 | rBV  | 33755   | 39541   | 1.45%  | 0.137% |
| 66 | 14.937 | 1200 | 1203 | 1204 | rVV2 | 70029   | 125956  | 4.63%  | 0.436% |
| 67 | 15.051 | 1208 | 1213 | 1215 | rBV2 | 65451   | 145504  | 5.35%  | 0.503% |
| 68 | 15.085 | 1215 | 1216 | 1219 | rVV  | 120395  | 173860  | 6.39%  | 0.601% |
| 69 | 15.165 | 1222 | 1223 | 1225 | rBV2 | 26473   | 39056   | 1.44%  | 0.135% |
| 70 | 15.200 | 1225 | 1226 | 1228 | rVB  | 71182   | 70575   | 2.59%  | 0.244% |
| 71 | 15.245 | 1228 | 1230 | 1232 | rBV2 | 58442   | 81612   | 3.00%  | 0.282% |

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF051815\  
 Data File : BF079328.D  
 Acq On : 19 May 2015 3:00  
 Operator : TP/IZ  
 Sample : G2273-07  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC-07-D1

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:\HPCHEM1\BNA\_F\METHODS\8270-BF043015.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|     |        |      |      |      |      |        |         |        |        |
|-----|--------|------|------|------|------|--------|---------|--------|--------|
| 72  | 15.451 | 1245 | 1248 | 1249 | rBV2 | 25682  | 53425   | 1.96%  | 0.185% |
| 73  | 15.600 | 1256 | 1261 | 1264 | rBV2 | 77966  | 151924  | 5.58%  | 0.525% |
| 74  | 15.725 | 1270 | 1272 | 1274 | rBV  | 75895  | 117657  | 4.32%  | 0.407% |
| 75  | 15.771 | 1274 | 1276 | 1279 | rVV2 | 66871  | 152279  | 5.60%  | 0.527% |
| 76  | 15.863 | 1282 | 1284 | 1286 | rVB  | 54033  | 72454   | 2.66%  | 0.251% |
| 77  | 15.931 | 1288 | 1290 | 1296 | rBV3 | 137532 | 290020  | 10.66% | 1.003% |
| 78  | 16.045 | 1296 | 1300 | 1302 | rBV2 | 663675 | 1328507 | 48.81% | 4.594% |
| 79  | 16.080 | 1302 | 1303 | 1305 | rVV  | 406903 | 340114  | 12.50% | 1.176% |
| 80  | 16.171 | 1309 | 1311 | 1312 | rBV2 | 48724  | 49670   | 1.83%  | 0.172% |
| 81  | 16.228 | 1312 | 1316 | 1318 | rBV2 | 70275  | 118774  | 4.36%  | 0.411% |
| 82  | 16.343 | 1324 | 1326 | 1328 | rBV2 | 53495  | 66242   | 2.43%  | 0.229% |
| 83  | 16.537 | 1341 | 1343 | 1345 | rBV  | 127791 | 167402  | 6.15%  | 0.579% |
| 84  | 16.583 | 1345 | 1347 | 1350 | rVB2 | 63758  | 82225   | 3.02%  | 0.284% |
| 85  | 16.663 | 1352 | 1354 | 1355 | rVV  | 42745  | 59684   | 2.19%  | 0.206% |
| 86  | 16.697 | 1355 | 1357 | 1358 | rVV2 | 55591  | 82248   | 3.02%  | 0.284% |
| 87  | 16.731 | 1358 | 1360 | 1364 | rVV4 | 56331  | 143522  | 5.27%  | 0.496% |
| 88  | 16.800 | 1364 | 1366 | 1369 | rVV  | 38613  | 51305   | 1.89%  | 0.177% |
| 89  | 16.926 | 1375 | 1377 | 1380 | rBV2 | 44776  | 88893   | 3.27%  | 0.307% |
| 90  | 17.120 | 1392 | 1394 | 1395 | rBV  | 58163  | 79964   | 2.94%  | 0.276% |
| 91  | 17.188 | 1398 | 1400 | 1402 | rVV3 | 38685  | 55907   | 2.05%  | 0.193% |
| 92  | 17.326 | 1409 | 1412 | 1417 | rBV  | 507683 | 1174771 | 43.17% | 4.062% |
| 93  | 17.440 | 1420 | 1422 | 1424 | rVB  | 144895 | 169307  | 6.22%  | 0.585% |
| 94  | 17.634 | 1437 | 1439 | 1442 | rBV  | 338794 | 413026  | 15.18% | 1.428% |
| 95  | 17.691 | 1442 | 1444 | 1448 | rVB  | 437756 | 583637  | 21.45% | 2.018% |
| 96  | 17.760 | 1448 | 1450 | 1452 | rBV  | 454726 | 597509  | 21.95% | 2.066% |
| 97  | 19.154 | 1569 | 1572 | 1578 | rVB2 | 241755 | 518942  | 19.07% | 1.794% |
| 98  | 19.337 | 1585 | 1588 | 1590 | rBV  | 62045  | 137872  | 5.07%  | 0.477% |
| 99  | 19.383 | 1590 | 1592 | 1594 | rVV2 | 49691  | 85603   | 3.15%  | 0.296% |
| 100 | 19.566 | 1605 | 1608 | 1618 | rVB  | 189384 | 484963  | 17.82% | 1.677% |

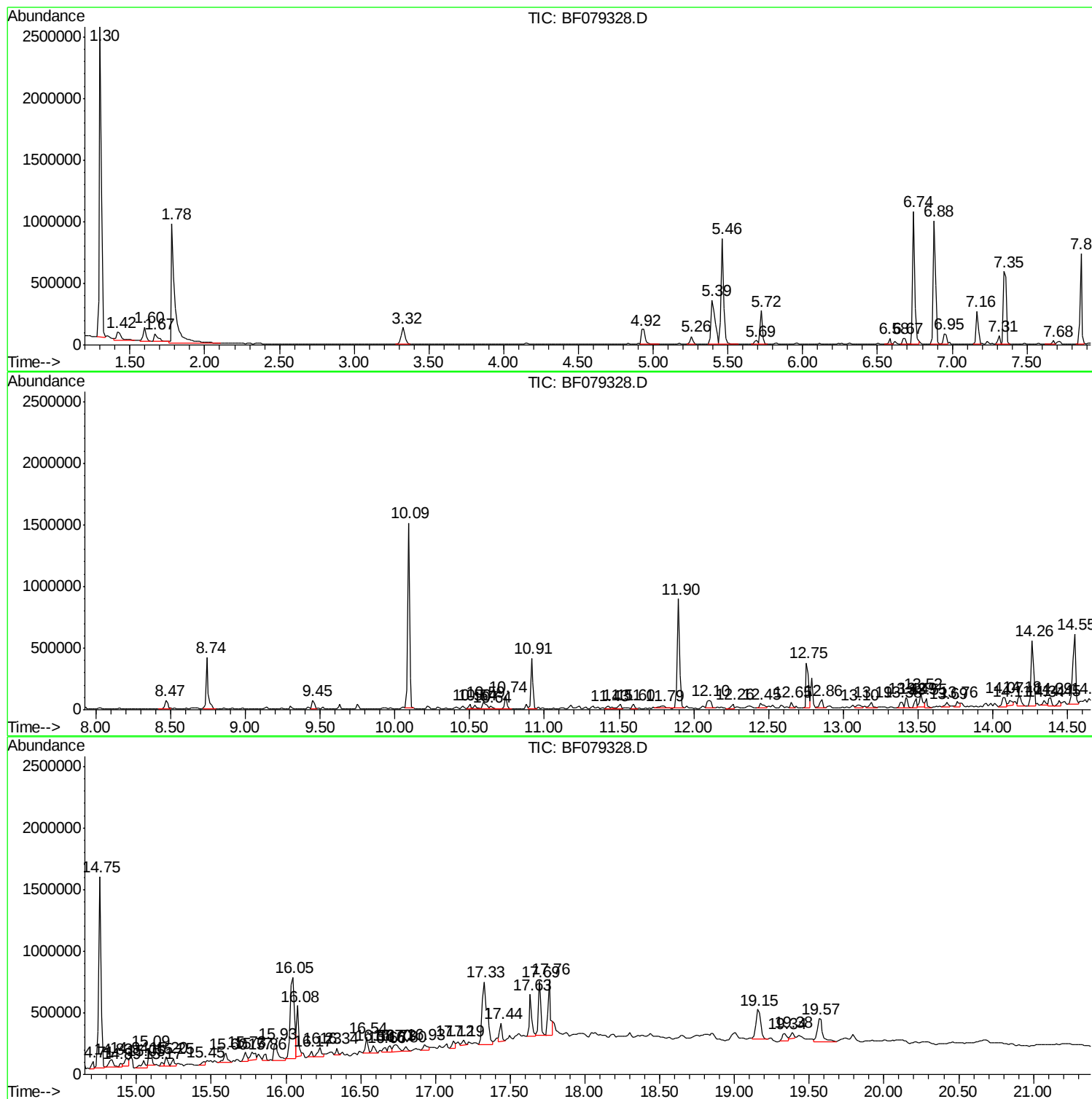
Sum of corrected areas: 28921158

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF051815\  
Data File : BF079328.D  
Acq On : 19 May 2015 3:00  
Operator : TP/IZ  
Sample : G2273-07  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
WC-07-D1

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF043015.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF051815\  
Data File : BF079328.D  
Acq On : 19 May 2015 3:00  
Operator : TP/IZ  
Sample : G2273-07  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
WC-07-D1

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF043015.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

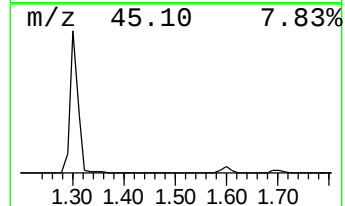
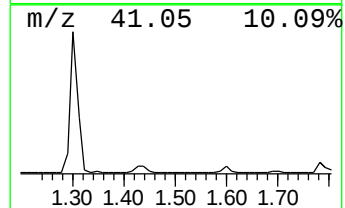
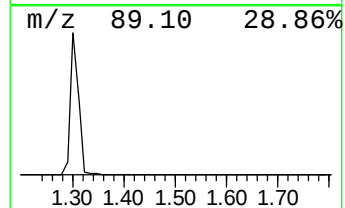
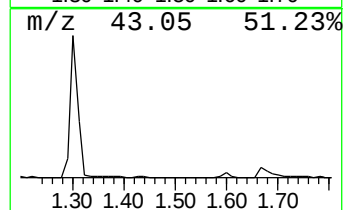
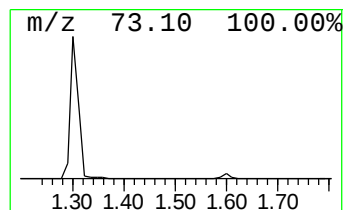
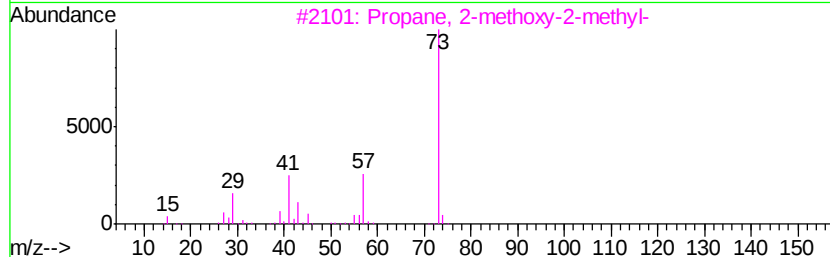
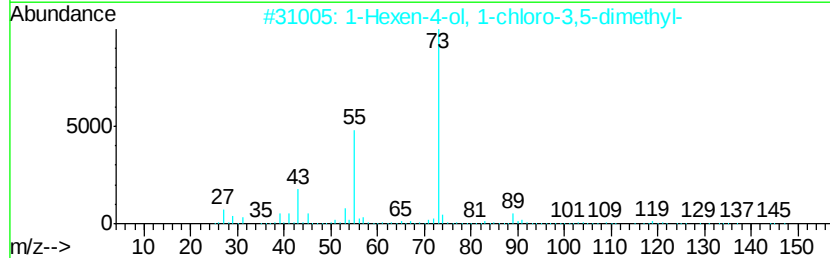
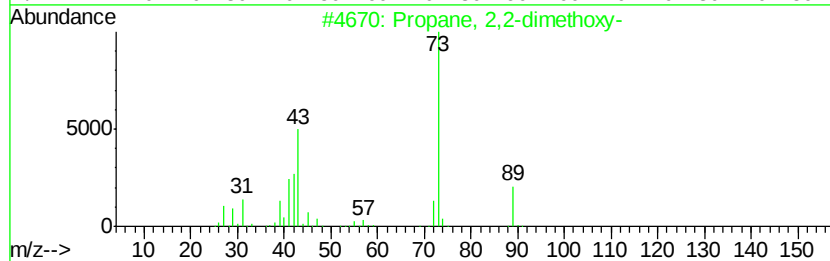
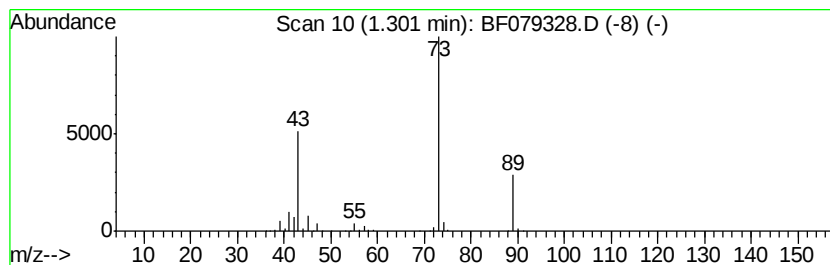
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 1 Propane, 2,2-dimethoxy- Concentration Rank 1

| R.T. | EstConc   | Area    | Relative to ISTD       | R.T. |
|------|-----------|---------|------------------------|------|
| 1.30 | 202.21 ng | 2721530 | 1,4-Dichlorobenzene-d4 | 7.16 |

| Hit# | of | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|-------------------------------------|-----|----------|-------------|------|
| 1    | 5  | Propane, 2,2-dimethoxy-             | 104 | C5H12O2  | 000077-76-9 | 72   |
| 2    |    | 1-Hexen-4-ol, 1-chloro-3,5-dimet... | 162 | C8H15ClO | 100244-09-5 | 9    |
| 3    |    | Propane, 2-methoxy-2-methyl-        | 88  | C5H12O   | 001634-04-4 | 9    |
| 4    |    | 2-Hydroxy-2-methylbutyric acid      | 118 | C5H10O3  | 003739-30-8 | 9    |
| 5    |    | Propanoic acid, 2-methyl-, propy... | 130 | C7H14O2  | 000644-49-5 | 9    |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF051815\  
Data File : BF079328.D  
Acq On : 19 May 2015 3:00  
Operator : TP/IZ  
Sample : G2273-07  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
WC-07-D1

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF043015.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

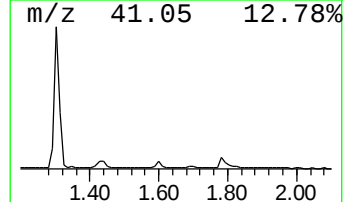
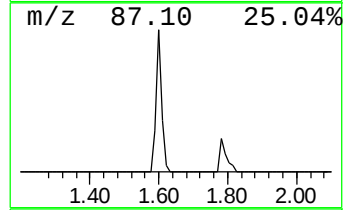
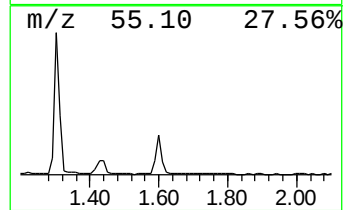
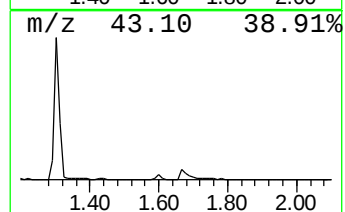
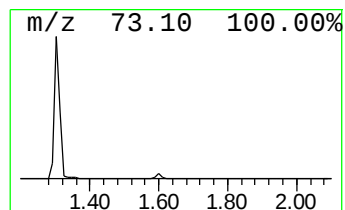
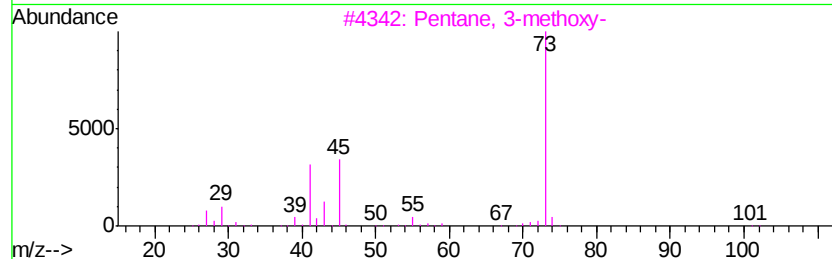
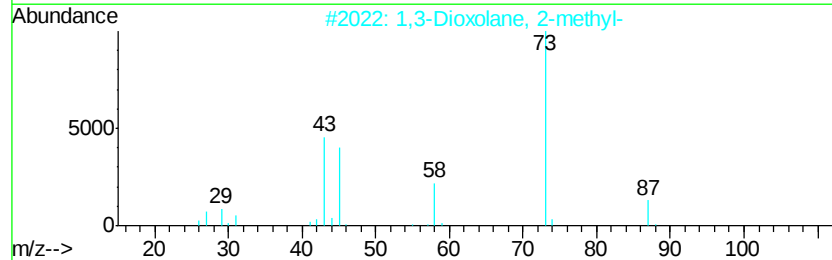
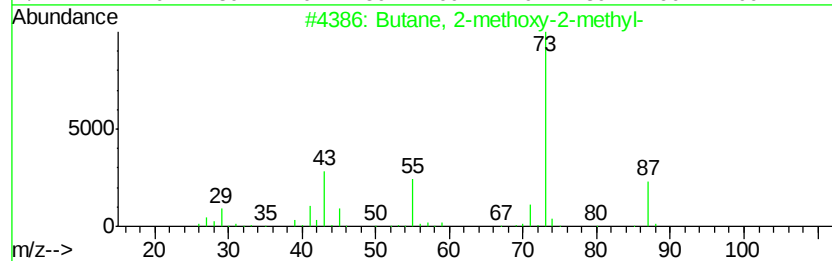
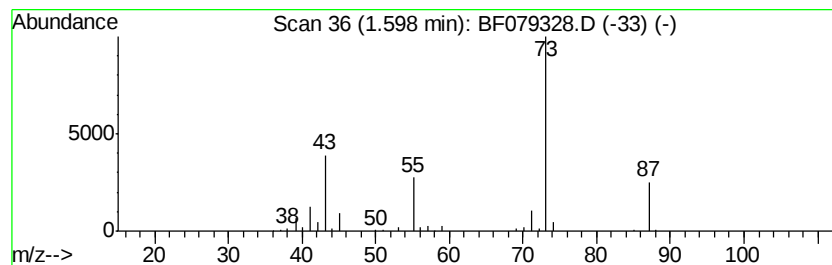
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 3 Butane, 2-methoxy-2-methyl- Concentration Rank 11

| R.T. | EstConc | Area   | Relative to ISTD       | R.T. |
|------|---------|--------|------------------------|------|
| 1.60 | 9.82 ng | 132201 | 1,4-Dichlorobenzene-d4 | 7.16 |

| Hit# | of | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|-----------------------------|-----|---------|-------------|------|
| 1    | 5  | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 83   |
| 2    |    | 1,3-Dioxolane, 2-methyl-    | 88  | C4H8O2  | 000497-26-7 | 25   |
| 3    |    | Pentane, 3-methoxy-         | 102 | C6H14O  | 036839-67-5 | 17   |
| 4    |    | 3-Hexanol, 2-methyl-        | 116 | C7H16O  | 000617-29-8 | 16   |
| 5    |    | Silane, tetramethyl-        | 88  | C4H12Si | 000075-76-3 | 10   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF051815\  
Data File : BF079328.D  
Acq On : 19 May 2015 3:00  
Operator : TP/IZ  
Sample : G2273-07  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleID :  
WC-07-D1

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF043015.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

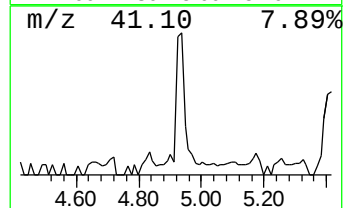
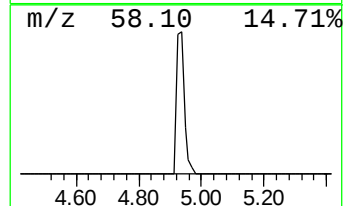
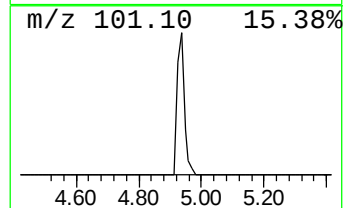
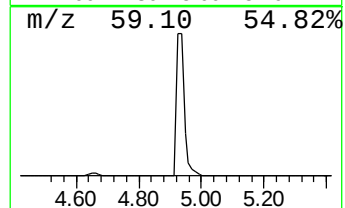
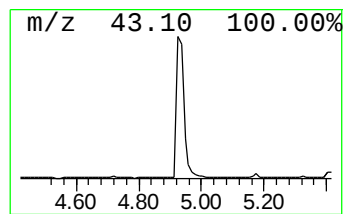
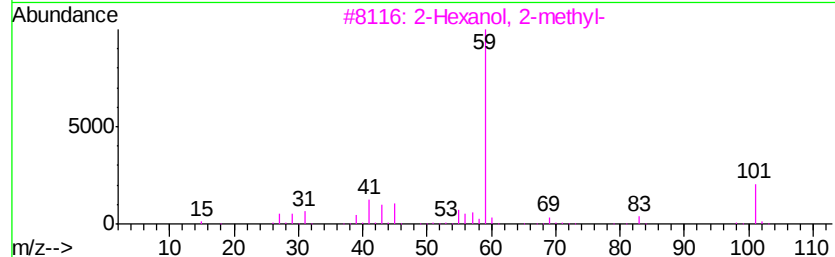
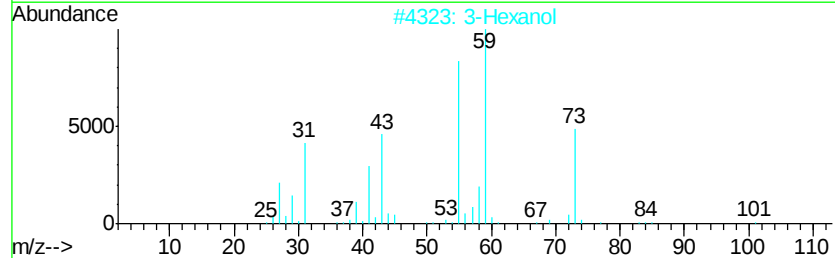
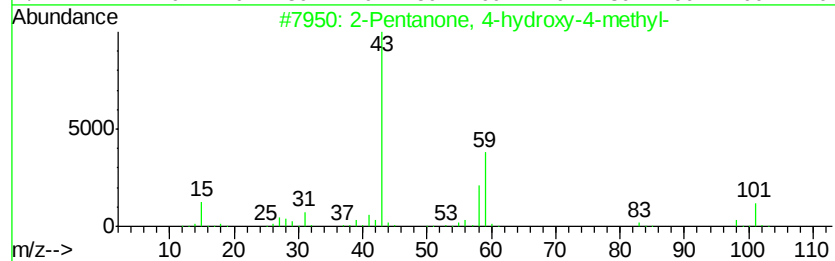
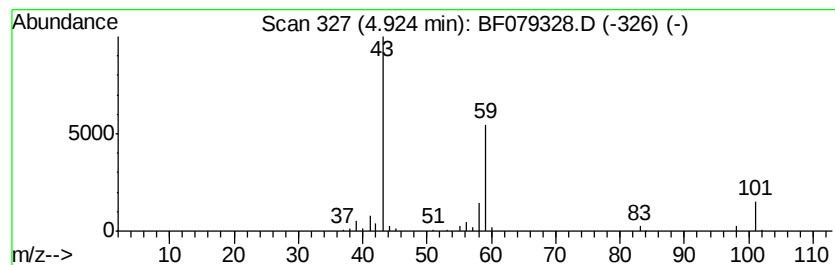
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 7 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

| R.T. | EstConc  | Area   | Relative to ISTD       | R.T. |
|------|----------|--------|------------------------|------|
| 4.92 | 15.01 ng | 201978 | 1,4-Dichlorobenzene-d4 | 7.16 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | 2-Pentanone, 4-hydroxy-4-methyl-    | 116 | C6H12O2 | 000123-42-2 | 59   |
| 2    |    |   | 3-Hexanol                           | 102 | C6H14O  | 000623-37-0 | 33   |
| 3    |    |   | 2-Hexanol, 2-methyl-                | 116 | C7H16O  | 000625-23-0 | 33   |
| 4    |    |   | Acetic acid, 1,1-dimethylethyl e... | 116 | C6H12O2 | 000540-88-5 | 28   |
| 5    |    |   | 2,3-Butanedione, monooxime          | 101 | C4H7NO2 | 000057-71-6 | 27   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF051815\  
Data File : BF079328.D  
Acq On : 19 May 2015 3:00  
Operator : TP/IZ  
Sample : G2273-07  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
WC-07-D1

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF043015.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

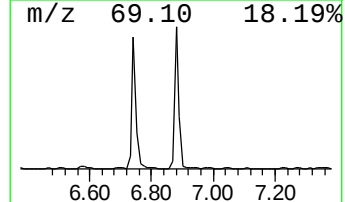
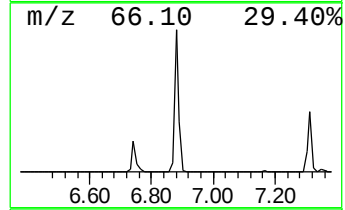
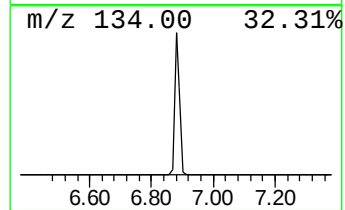
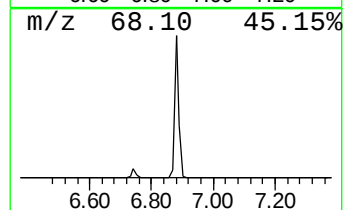
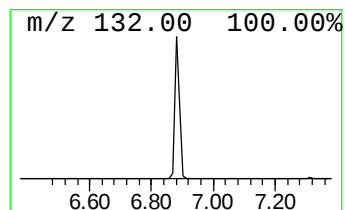
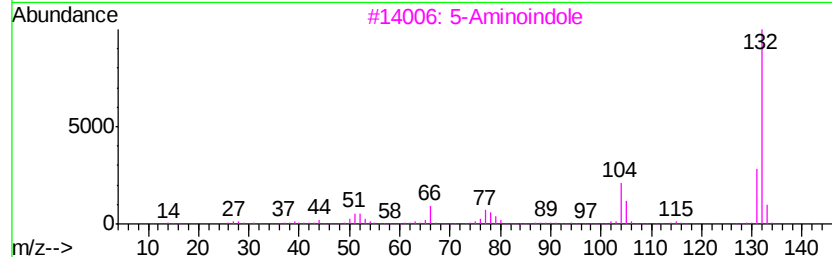
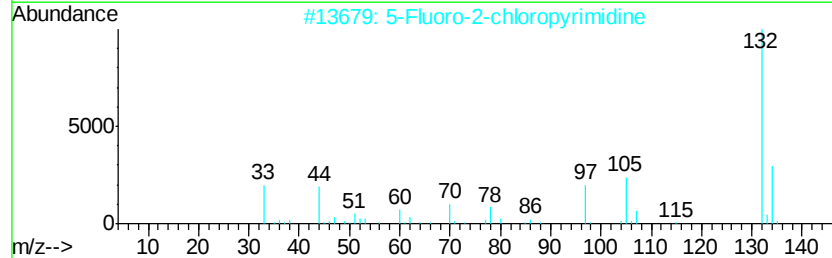
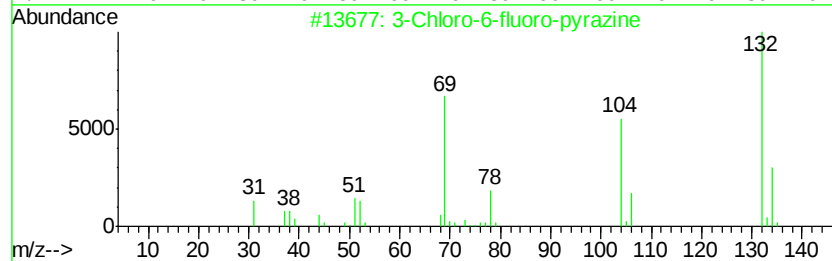
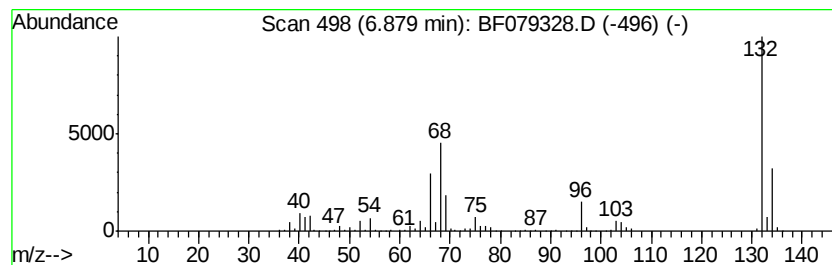
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 12 unknown6.88 Concentration Rank 3

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 6.88 | 78.64 ng | 1058430 | 1,4-Dichlorobenzene-d4 | 7.16 |

| Hit# | of | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|-------------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 3-Chloro-6-fluoro-pyrazine          | 132 | C4H2ClFN2 | 1000146-10-7 | 27   |
| 2    |    | 5-Fluoro-2-chloropyrimidine         | 132 | C4H2ClFN2 | 062802-42-0  | 16   |
| 3    |    | 5-Aminoindole                       | 132 | C8H8N2    | 005192-03-0  | 12   |
| 4    |    | Tranylcypromine-propionyl           | 189 | C12H15NO  | 1000123-86-3 | 10   |
| 5    |    | Bicyclo[4.2.0]octa-1,3,5-triene,... | 132 | C10H12    | 028749-81-7  | 9    |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF051815\  
Data File : BF079328.D  
Acq On : 19 May 2015 3:00  
Operator : TP/IZ  
Sample : G2273-07  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampled :  
WC-07-D1

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF043015.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

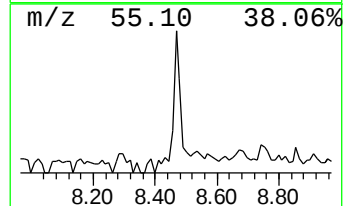
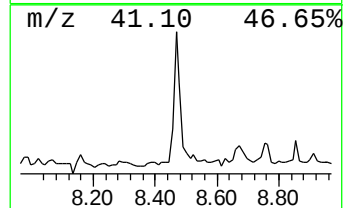
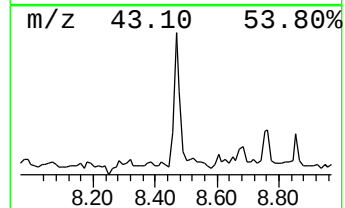
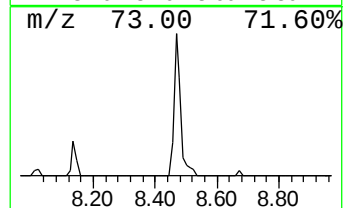
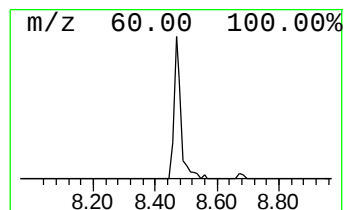
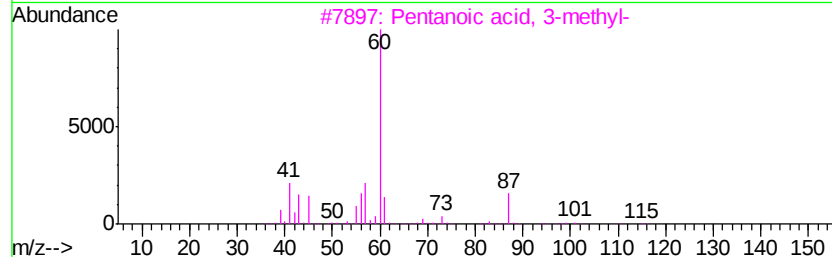
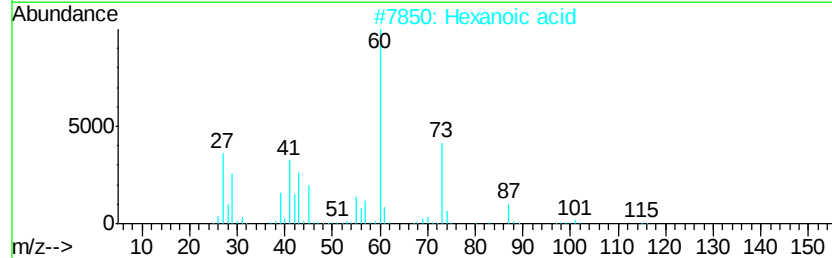
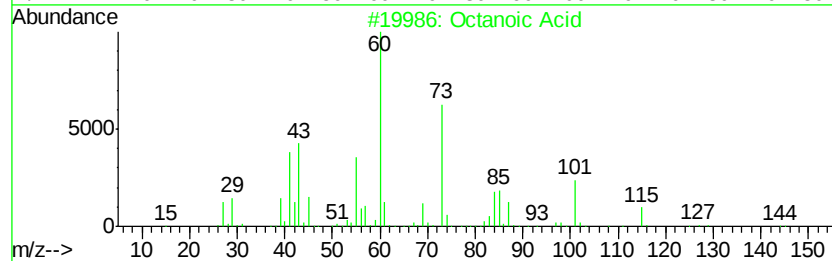
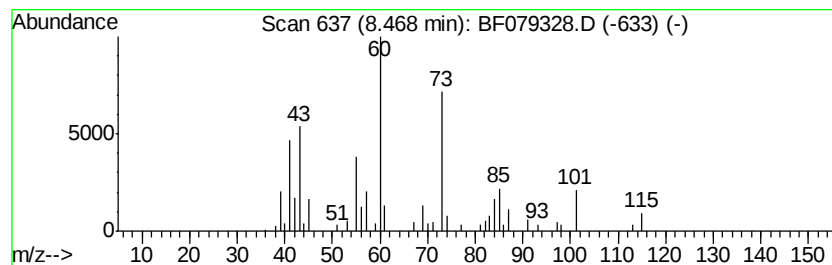
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 15 Octanoic Acid Concentration Rank 19

| R.T. | EstConc | Area   | Relative to ISTD | R.T. |
|------|---------|--------|------------------|------|
| 8.47 | 5.02 ng | 111538 | Naphthalene-d8   | 8.74 |

| Hit# | of | 5 | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------|-----|---------|-------------|------|
| 1    |    |   | Octanoic Acid              | 144 | C8H16O2 | 000124-07-2 | 91   |
| 2    |    |   | Hexanoic acid              | 116 | C6H12O2 | 000142-62-1 | 50   |
| 3    |    |   | Pentanoic acid, 3-methyl-  | 116 | C6H12O2 | 000105-43-1 | 43   |
| 4    |    |   | Heptanoic acid             | 130 | C7H14O2 | 000111-14-8 | 38   |
| 5    |    |   | Propanedioic acid, propyl- | 146 | C6H10O4 | 000616-62-6 | 37   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF051815\  
Data File : BF079328.D  
Acq On : 19 May 2015 3:00  
Operator : TP/IZ  
Sample : G2273-07  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
WC-07-D1

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF043015.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

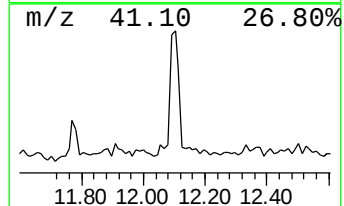
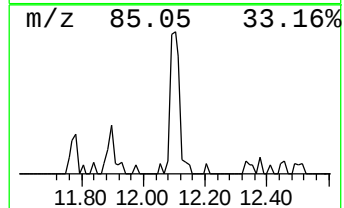
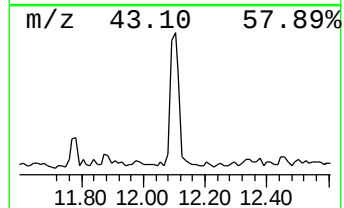
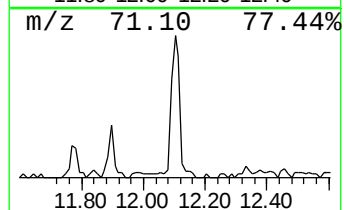
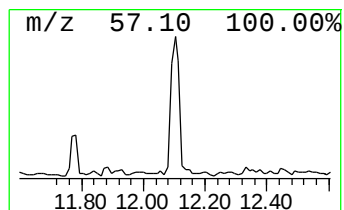
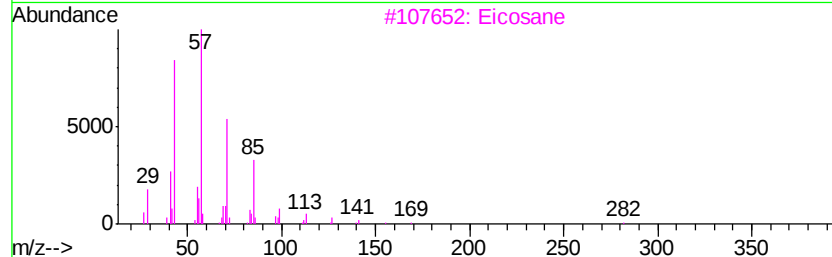
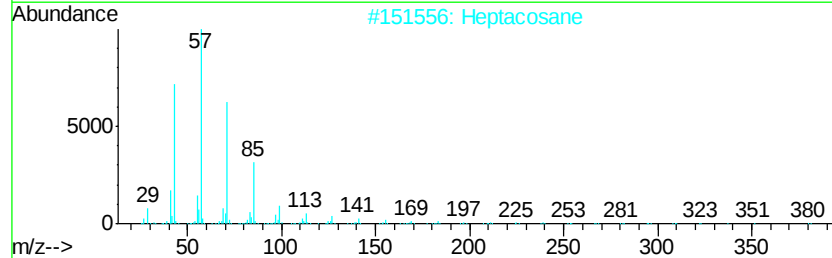
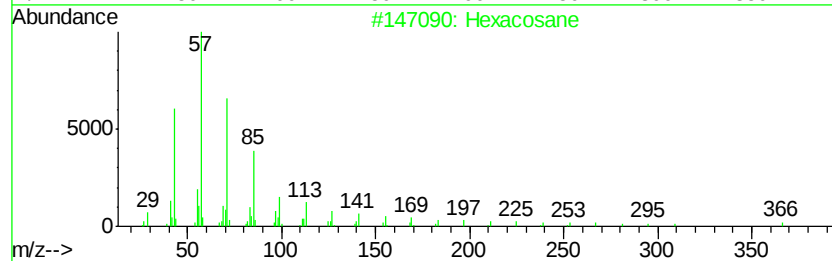
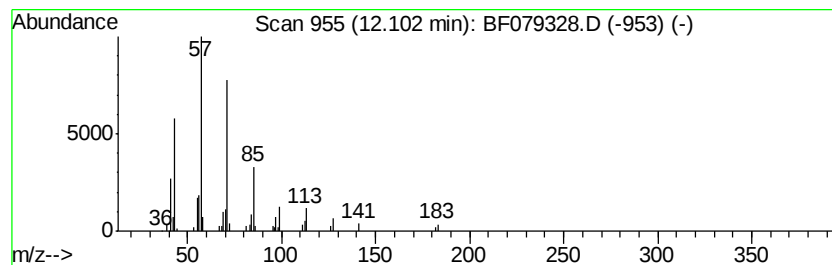
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 16 Hexacosane Concentration Rank 20

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 12.10 | 4.84 ng | 120867 | Phenanthrene-d10 | 12.75 |

| Hit# | of | 5 | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------------|-----|---------|-------------|------|
| 1    |    |   | Hexacosane                  | 366 | C26H54  | 000630-01-3 | 90   |
| 2    |    |   | Heptacosane                 | 380 | C27H56  | 000593-49-7 | 90   |
| 3    |    |   | Eicosane                    | 282 | C20H42  | 000112-95-8 | 86   |
| 4    |    |   | Dodecane, 2,7,10-trimethyl- | 212 | C15H32  | 074645-98-0 | 86   |
| 5    |    |   | Dodecane, 2,6,11-trimethyl- | 212 | C15H32  | 031295-56-4 | 80   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF051815\  
Data File : BF079328.D  
Acq On : 19 May 2015 3:00  
Operator : TP/IZ  
Sample : G2273-07  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
WC-07-D1

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF043015.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

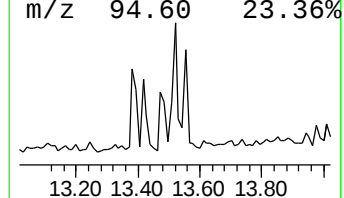
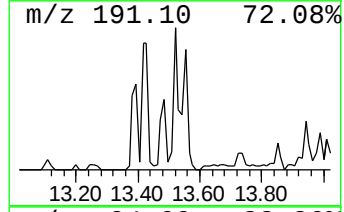
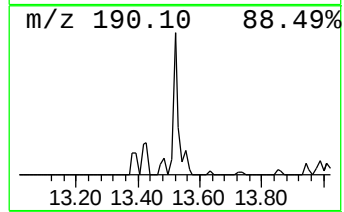
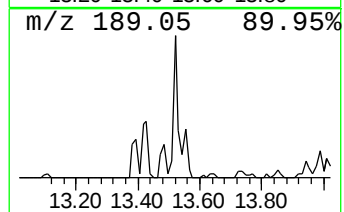
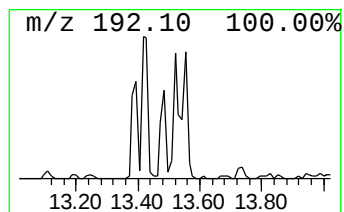
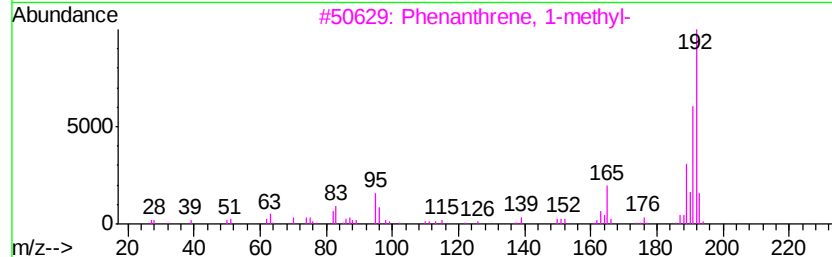
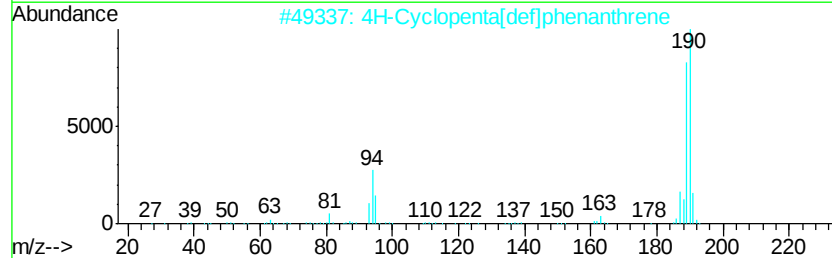
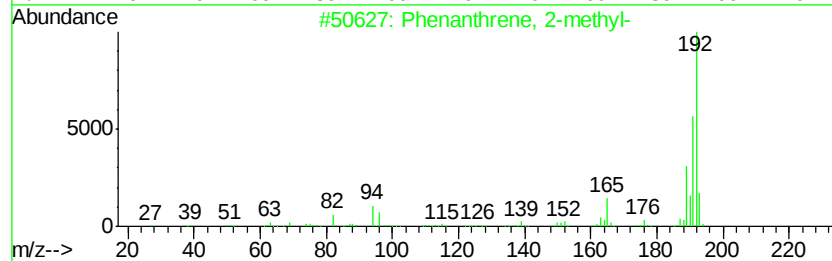
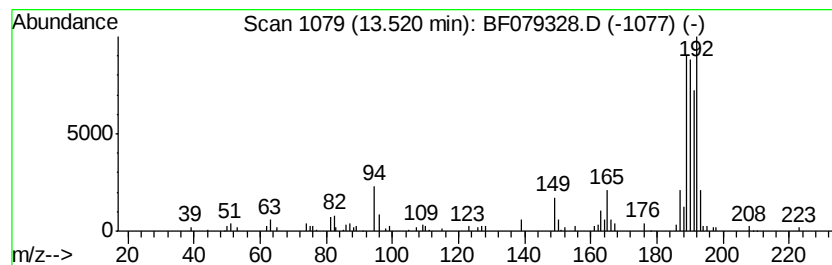
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 17 Phenanthrene, 2-methyl- Concentration Rank 14

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 13.52 | 5.98 ng | 149387 | Phenanthrene-d10 | 12.75 |

| Hit# | of | 5 | Tentative ID                   | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------------------------|-----|---------|-------------|------|
| 1    |    |   | Phenanthrene, 2-methyl-        | 192 | C15H12  | 002531-84-2 | 50   |
| 2    |    |   | 4H-Cyclopenta[def]phenanthrene | 190 | C15H10  | 000203-64-5 | 49   |
| 3    |    |   | Phenanthrene, 1-methyl-        | 192 | C15H12  | 000832-69-9 | 46   |
| 4    |    |   | Anthracene, 1-methyl-          | 192 | C15H12  | 000610-48-0 | 46   |
| 5    |    |   | Phenanthrene, 4-methyl-        | 192 | C15H12  | 000832-64-4 | 41   |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051815\  
Data File : BF079328.D  
Acq On : 19 May 2015 3:00  
Operator : TP/IZ  
Sample : G2273-07  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
WC-07-D1

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

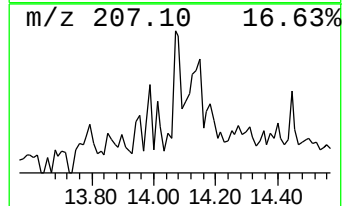
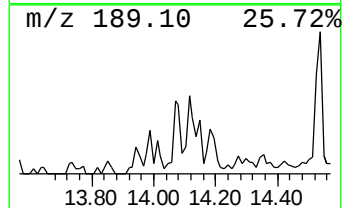
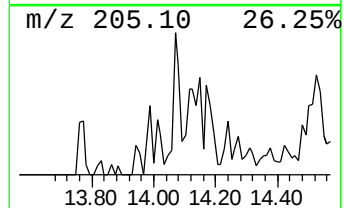
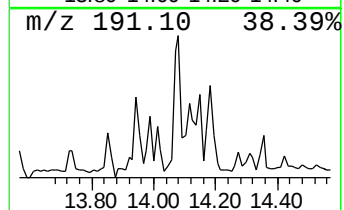
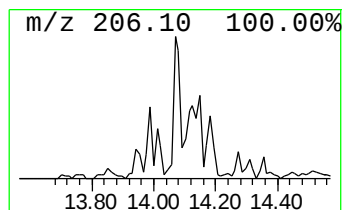
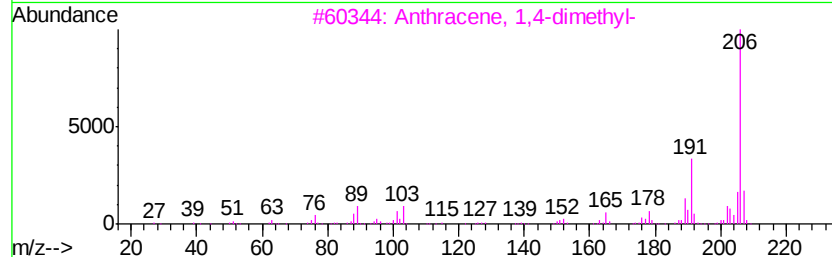
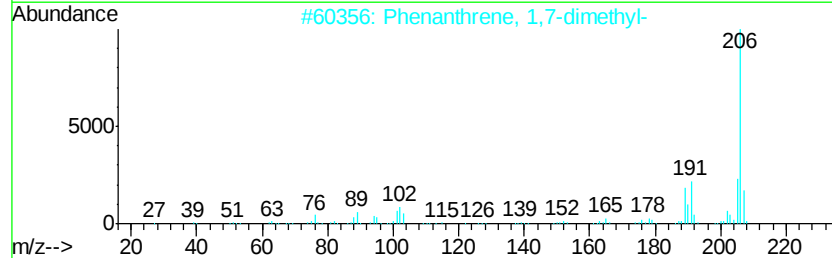
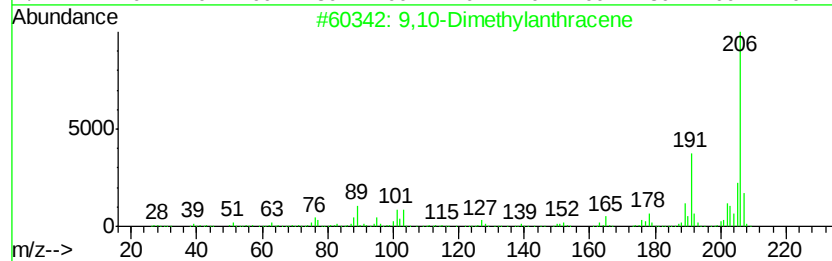
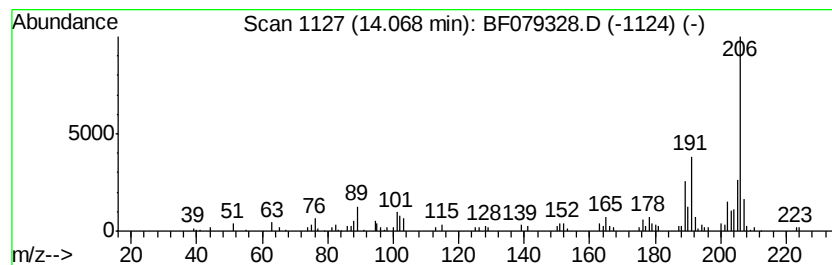
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 18 9,10-Dimethylantracene Concentration Rank 18

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 14.07 | 5.25 ng | 131131 | Phenanthrene-d10 | 12.75 |

| Hit# | of | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|-----------------------------|-----|---------|-------------|------|
| 1    | 5  | 9,10-Dimethylantracene      | 206 | C16H14  | 000781-43-1 | 97   |
| 2    |    | Phenanthrene, 1,7-dimethyl- | 206 | C16H14  | 000483-87-4 | 95   |
| 3    |    | Anthracene, 1,4-dimethyl-   | 206 | C16H14  | 000781-92-0 | 93   |
| 4    |    | Phenanthrene, 3,6-dimethyl- | 206 | C16H14  | 001576-67-6 | 93   |
| 5    |    | Phenanthrene, 2,7-dimethyl- | 206 | C16H14  | 001576-69-8 | 93   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF051815\  
Data File : BF079328.D  
Acq On : 19 May 2015 3:00  
Operator : TP/IZ  
Sample : G2273-07  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
WC-07-D1

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF043015.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

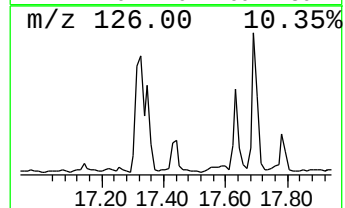
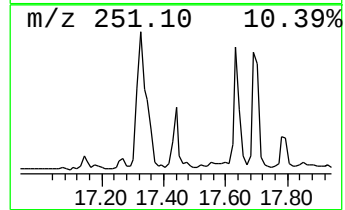
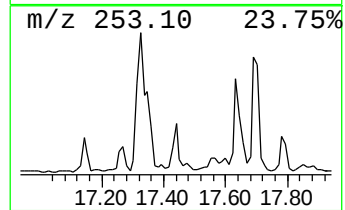
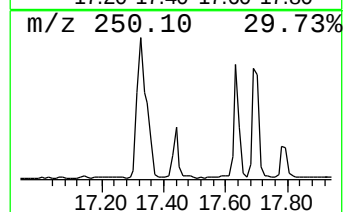
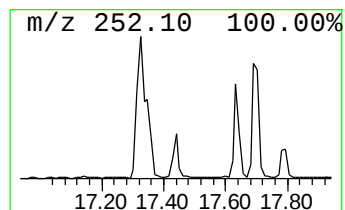
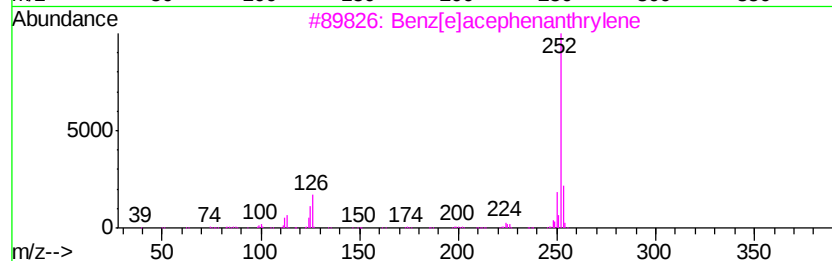
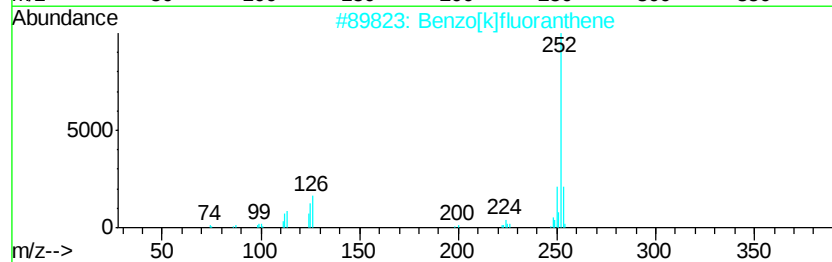
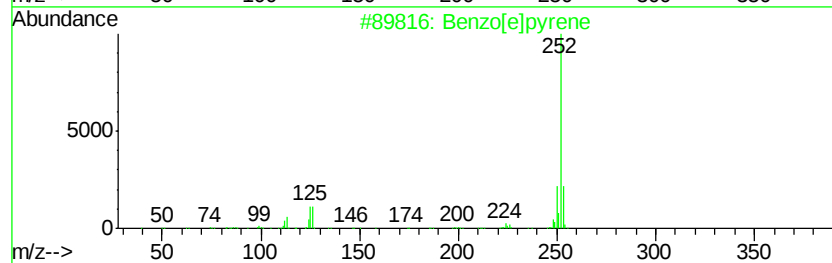
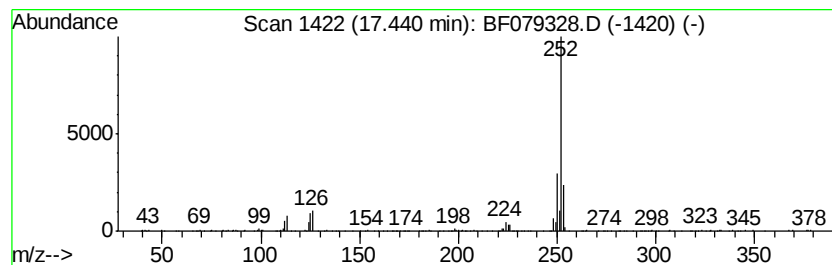
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 19 Benzo[e]pyrene Concentration Rank 15

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 17.44 | 5.67 ng | 169307 | Perylene-d12     | 17.76 |

| Hit# | of | 5 | Tentative ID              | MW  | MolForm | CAS#        | Qual |
|------|----|---|---------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzo[e]pyrene            | 252 | C20H12  | 000192-97-2 | 96   |
| 2    |    |   | Benzo[k]fluoranthene      | 252 | C20H12  | 000207-08-9 | 95   |
| 3    |    |   | Benzo[e]acephenanthrylene | 252 | C20H12  | 000205-99-2 | 93   |
| 4    |    |   | Benzo[a]pyrene            | 252 | C20H12  | 000050-32-8 | 90   |
| 5    |    |   | Benzo[j]fluoranthene      | 252 | C20H12  | 000205-82-3 | 81   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF051815\  
Data File : BF079328.D  
Acq On : 19 May 2015 3:00  
Operator : TP/IZ  
Sample : G2273-07  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
WC-07-D1

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF043015.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

| TIC Top Hit name      | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|-----------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                       |       |         |       |          | #                     | RT    | Resp   | Conc |
| Propane, 2,2-dime...  | 1.30  | 202.2   | ng    | 2721530  | 1                     | 7.16  | 269180 | 20.0 |
| Butane, 2-methoxy...  | 1.60  | 9.8     | ng    | 132201   | 1                     | 7.16  | 269180 | 20.0 |
| 2-Pentanone, 4-hy...  | 4.92  | 15.0    | ng    | 201978   | 1                     | 7.16  | 269180 | 20.0 |
| unknown6.88           | 6.88  | 78.6    | ng    | 1058430  | 1                     | 7.16  | 269180 | 20.0 |
| Octanoic Acid         | 8.47  | 5.0     | ng    | 111538   | 2                     | 8.74  | 444501 | 20.0 |
| Hexacosane            | 12.10 | 4.8     | ng    | 120867   | 4                     | 12.75 | 499454 | 20.0 |
| Phenanthrene, 2-m...  | 13.52 | 6.0     | ng    | 149387   | 4                     | 12.75 | 499454 | 20.0 |
| 9,10-Dimethylanthe... | 14.07 | 5.3     | ng    | 131131   | 4                     | 12.75 | 499454 | 20.0 |
| Benzo[e]pyrene        | 17.44 | 5.7     | ng    | 169307   | 6                     | 17.76 | 597509 | 20.0 |