

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_F\DATA\BF051019\  
 Data File : BF114147.D  
 Acq On : 11 May 2019 3:11  
 Operator : JU/SJ  
 Sample : K2770-01 10X  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 OILY-STONES

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\_F\METHODS\8270-BF051019.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         | 5.475       | 573           | 576         | 592          | rBV      | 965370         | 925942        | 43.45%          | 4.514%        |
| 2         | 6.486       | 744           | 748         | 761          | rBV      | 969991         | 1007714       | 47.29%          | 4.913%        |
| 3         | 6.622       | 768           | 771         | 780          | rBV      | 1035021        | 940112        | 44.12%          | 4.583%        |
| 4         | 6.857       | 807           | 811         | 814          | rBV      | 1815854        | 1648460       | 77.36%          | 8.037%        |
| 5         | 7.010       | 833           | 837         | 848          | rVB      | 914632         | 739654        | 34.71%          | 3.606%        |
| 6         | 7.410       | 901           | 905         | 915          | rBV      | 549458         | 492028        | 23.09%          | 2.399%        |
| 7         | 8.133       | 1025          | 1028        | 1032         | rBV      | 2361919        | 1960056       | 91.99%          | 9.556%        |
| 8         | 9.204       | 1207          | 1210        | 1214         | rBV      | 1088363        | 943788        | 44.29%          | 4.601%        |
| 9         | 9.598       | 1274          | 1277        | 1283         | rVB      | 91509          | 74894         | 3.51%           | 0.365%        |
| 10        | 9.792       | 1304          | 1310        | 1313         | rBV2     | 30389          | 47457         | 2.23%           | 0.231%        |
| 11        | 9.886       | 1323          | 1326        | 1330         | rBV2     | 2172824        | 1894157       | 88.89%          | 9.234%        |
| 12        | 10.674      | 1456          | 1460        | 1469         | rBV      | 569631         | 516127        | 24.22%          | 2.516%        |
| 13        | 10.792      | 1477          | 1480        | 1489         | rVB      | 82810          | 96485         | 4.53%           | 0.470%        |
| 14        | 11.239      | 1553          | 1556        | 1559         | rBV      | 262634         | 212254        | 9.96%           | 1.035%        |
| 15        | 11.268      | 1559          | 1561        | 1567         | rVB3     | 53618          | 63080         | 2.96%           | 0.308%        |
| 16        | 11.374      | 1575          | 1579        | 1582         | rBV      | 2412294        | 2130819       | 100.00%         | 10.388%       |
| 17        | 11.421      | 1582          | 1587        | 1591         | rVB7     | 20291          | 48458         | 2.27%           | 0.236%        |
| 18        | 11.663      | 1626          | 1628        | 1631         | rBV      | 75014          | 66071         | 3.10%           | 0.322%        |
| 19        | 11.833      | 1653          | 1657        | 1658         | rBV2     | 34885          | 40433         | 1.90%           | 0.197%        |
| 20        | 11.898      | 1665          | 1668        | 1670         | rBV3     | 50077          | 50418         | 2.37%           | 0.246%        |
| 21        | 11.963      | 1676          | 1679        | 1681         | rBV2     | 35367          | 42208         | 1.98%           | 0.206%        |
| 22        | 12.074      | 1695          | 1698        | 1701         | rBV      | 102596         | 98634         | 4.63%           | 0.481%        |
| 23        | 12.357      | 1743          | 1746        | 1749         | rBV      | 98298          | 111097        | 5.21%           | 0.542%        |
| 24        | 12.463      | 1761          | 1764        | 1767         | rBV      | 118857         | 124722        | 5.85%           | 0.608%        |
| 25        | 12.604      | 1785          | 1788        | 1790         | rBV      | 99951          | 129991        | 6.10%           | 0.634%        |
| 26        | 12.833      | 1824          | 1827        | 1829         | rBV      | 183165         | 170510        | 8.00%           | 0.831%        |
| 27        | 12.951      | 1843          | 1847        | 1853         | rBV      | 1349987        | 1611141       | 75.61%          | 7.855%        |
| 28        | 13.186      | 1884          | 1887        | 1889         | rBV2     | 277586         | 305190        | 14.32%          | 1.488%        |
| 29        | 13.215      | 1890          | 1892        | 1897         | rVV2     | 220424         | 321668        | 15.10%          | 1.568%        |
| 30        | 13.315      | 1906          | 1909        | 1912         | rBV      | 273600         | 389237        | 18.27%          | 1.898%        |
| 31        | 14.009      | 2024          | 2027        | 2031         | rVB      | 1656166        | 1569519       | 73.66%          | 7.652%        |
| 32        | 15.486      | 2274          | 2278        | 2290         | rVB      | 1120475        | 1739455       | 81.63%          | 8.480%        |

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ALS Vial : 25 Sample Multiplier: 1

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ClientSampleId :  
OILY-STONES

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\_F\METHODS\8270-BF051019.M  
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

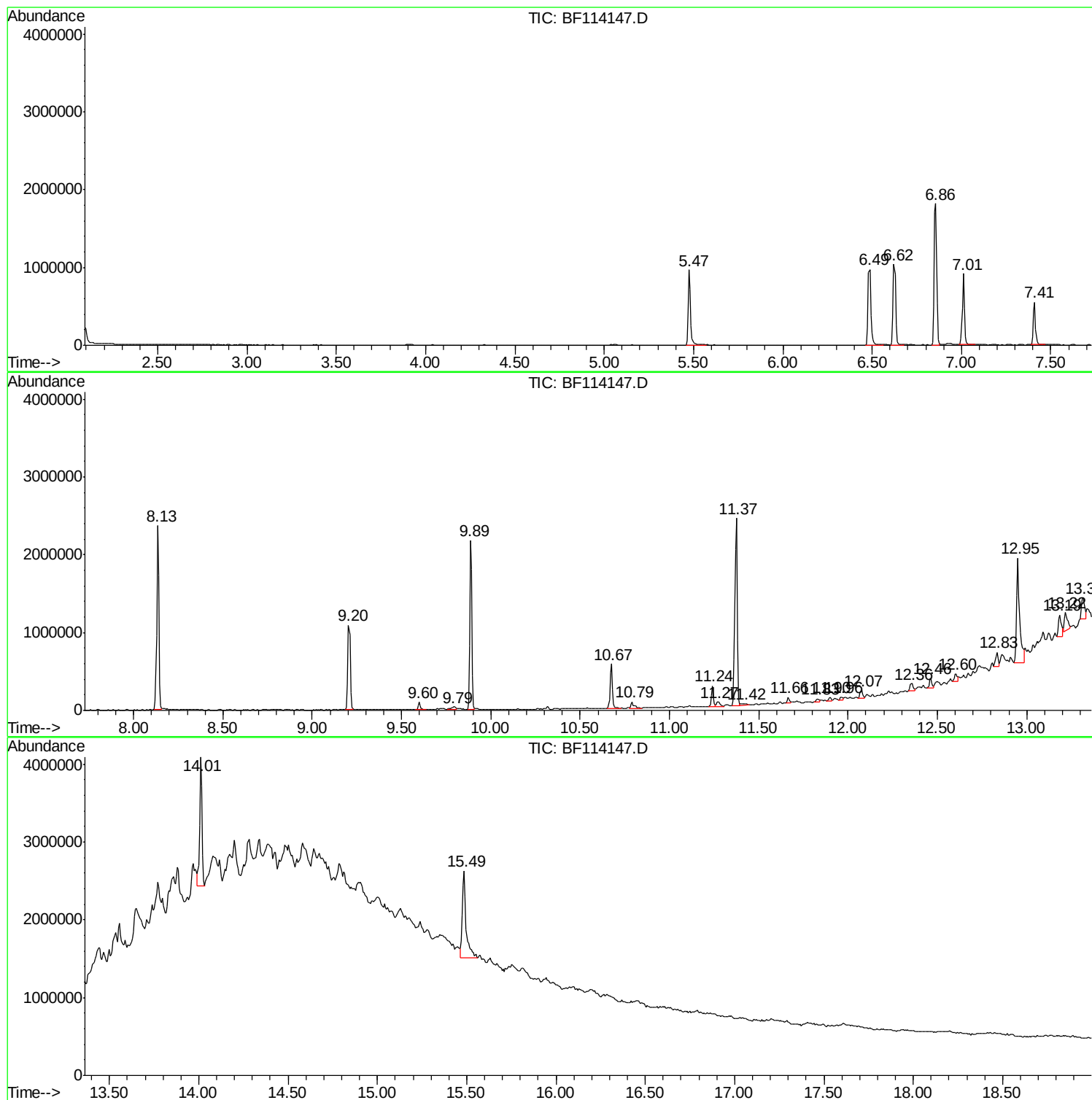
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF051019.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P



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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF051019.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

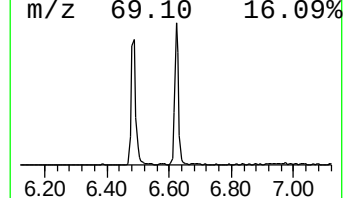
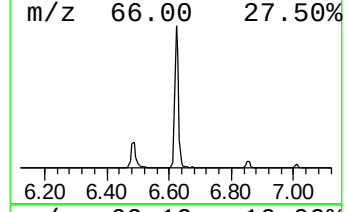
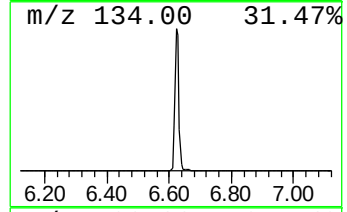
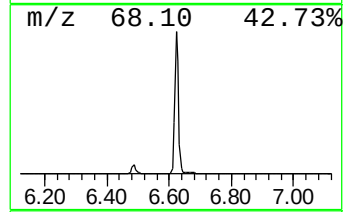
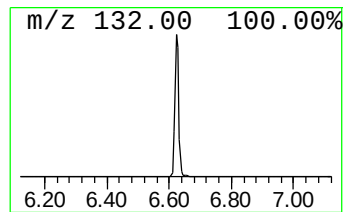
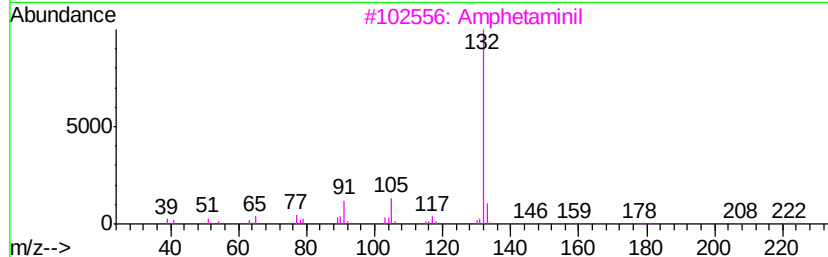
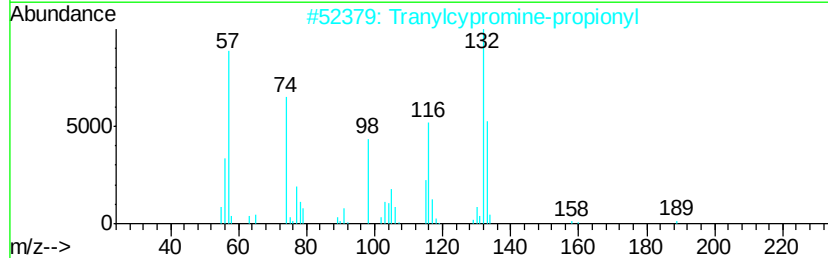
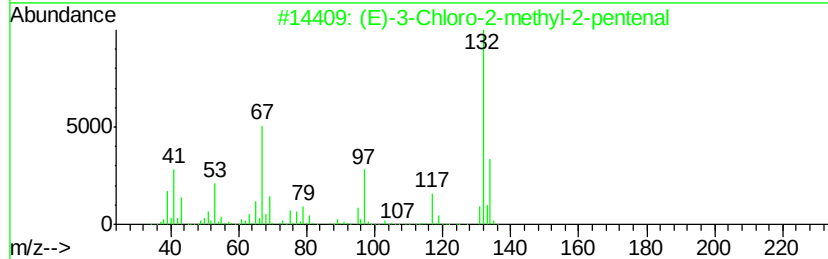
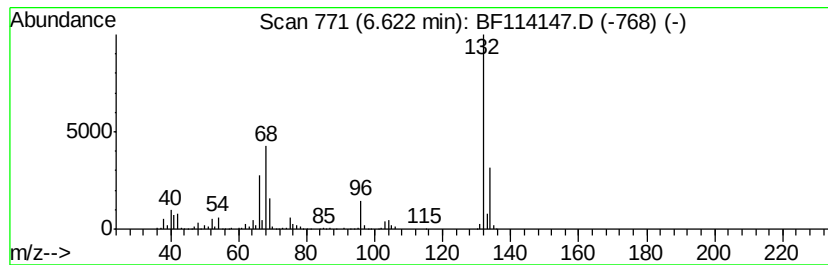
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 unknown6.62 Concentration Rank 1

| R.T. | EstConc  | Area   | Relative to ISTD       | R.T. |
|------|----------|--------|------------------------|------|
| 6.62 | 11.41 ng | 940112 | 1,4-Dichlorobenzene-d4 | 6.86 |

| Hit# | of | Tentative ID                     | MW  | MolForm  | CAS#         | Qual |
|------|----|----------------------------------|-----|----------|--------------|------|
| 1    | 5  | (E)-3-Chloro-2-methyl-2-pentenal | 132 | C6H9ClO  | 031357-76-3  | 27   |
| 2    |    | Tranylcypromine-propionyl        | 189 | C12H15NO | 1000123-86-3 | 10   |
| 3    |    | Amphetaminil                     | 250 | C17H18N2 | 017590-01-1  | 10   |
| 4    |    | Xenon                            | 132 | Xe       | 007440-63-3  | 9    |
| 5    |    | 1,3,5-Trifluorobenzene           | 132 | C6H3F3   | 000372-38-3  | 9    |



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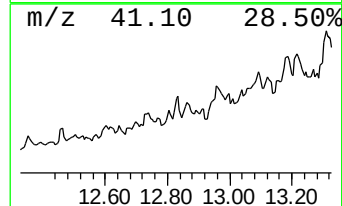
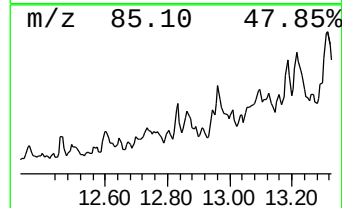
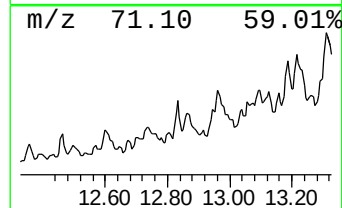
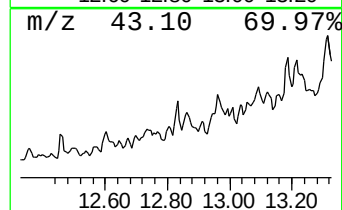
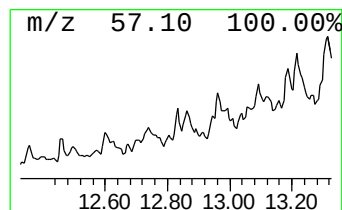
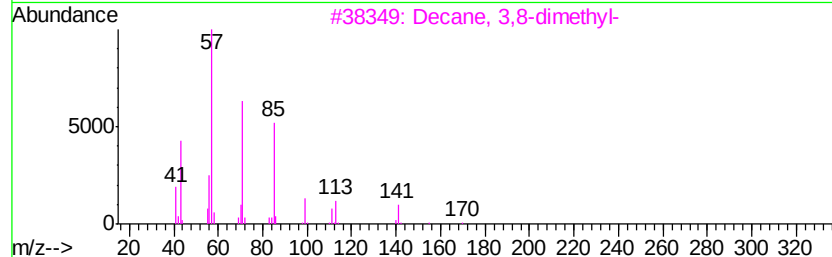
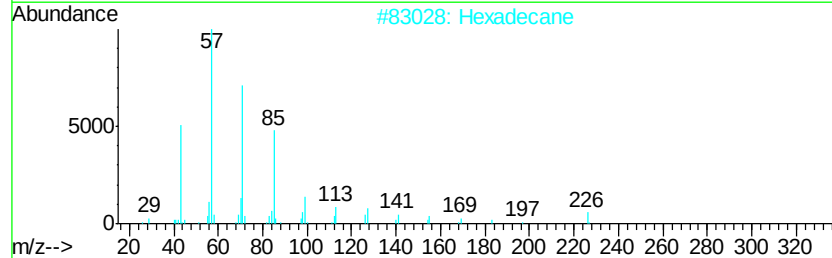
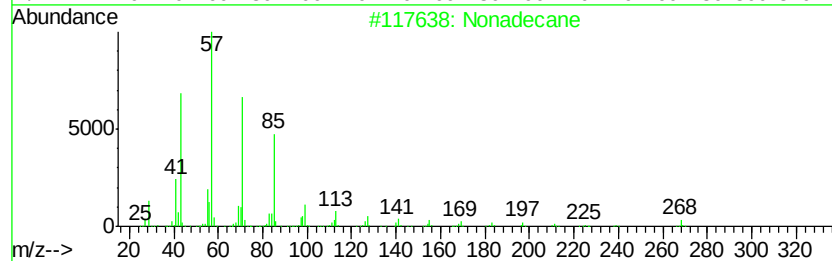
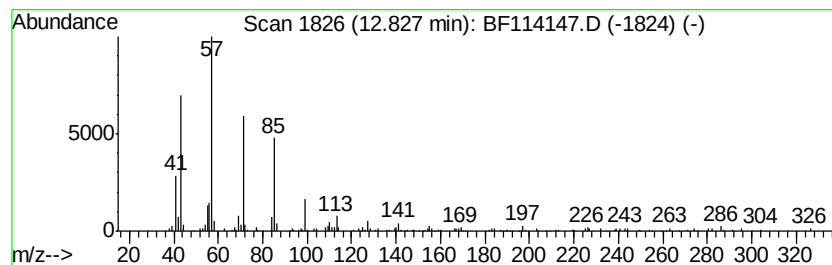
Instrument :  
BNA\_F  
ClientSampleId :  
OILY-STONES

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF051019.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 3 Nonadecane Concentration Rank 6

| R.T.      | EstConc               | Area   | Relative to ISTD |             | R.T.  |
|-----------|-----------------------|--------|------------------|-------------|-------|
| 12.83     | 2.17 ng               | 170510 | Chrysene-d12     |             | 14.01 |
| Hit# of 5 | Tentative ID          | MW     | MolForm          | CAS#        | Qual  |
| 1         | Nonadecane            | 268    | C19H40           | 000629-92-5 | 90    |
| 2         | Hexadecane            | 226    | C16H34           | 000544-76-3 | 90    |
| 3         | Decane, 3,8-dimethyl- | 170    | C12H26           | 017312-55-9 | 90    |
| 4         | Decane, 1-iodo-       | 268    | C10H21I          | 002050-77-3 | 90    |
| 5         | Octacosane            | 394    | C28H58           | 000630-02-4 | 87    |



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Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
BNA\_F  
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF051019.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

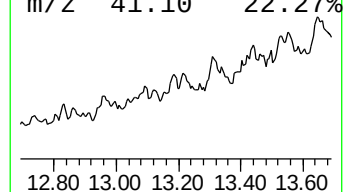
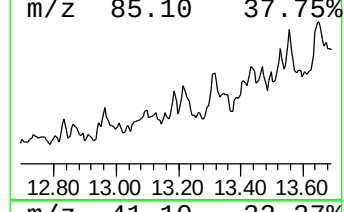
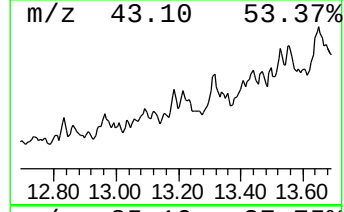
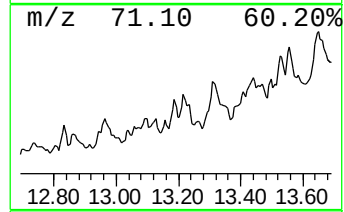
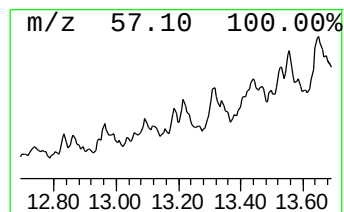
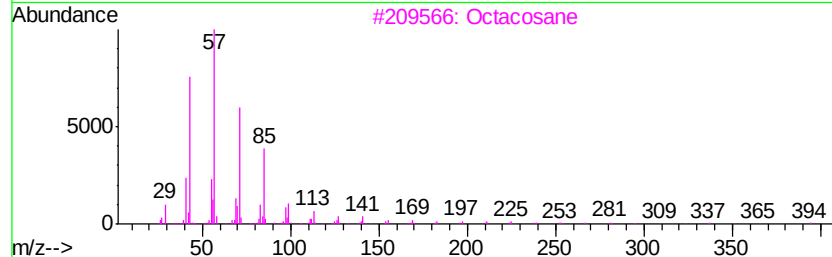
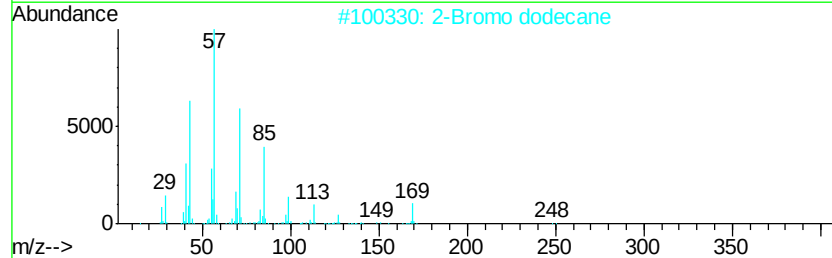
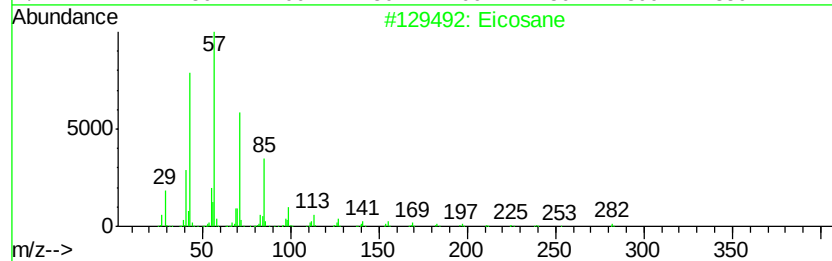
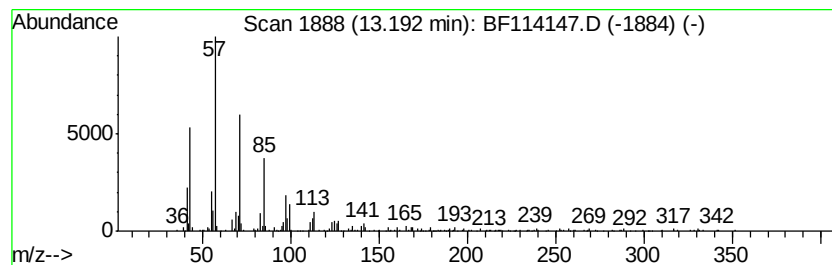
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 4 Eicosane Concentration Rank 5

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 13.19 | 3.89 ng | 305190 | Chrysene-d12     | 14.01 |

| Hit# of | 5                  | Tentative ID | MW  | MolForm  | CAS#        | Qual |
|---------|--------------------|--------------|-----|----------|-------------|------|
| 1       | Eicosane           |              | 282 | C20H42   | 000112-95-8 | 93   |
| 2       | 2-Bromo dodecane   |              | 248 | C12H25Br | 013187-99-0 | 90   |
| 3       | Octacosane         |              | 394 | C28H58   | 000630-02-4 | 87   |
| 4       | Eicosane, 7-hexyl- |              | 366 | C26H54   | 055333-99-8 | 83   |
| 5       | Hentriacontane     |              | 437 | C31H64   | 000630-04-6 | 83   |



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BNA\_F  
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OILY-STONES

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF051019.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

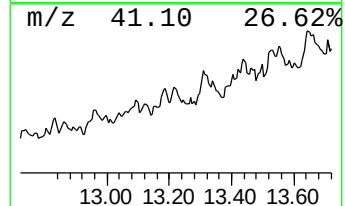
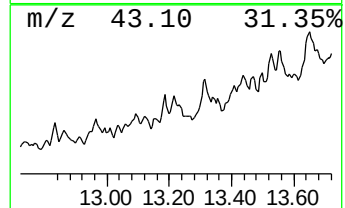
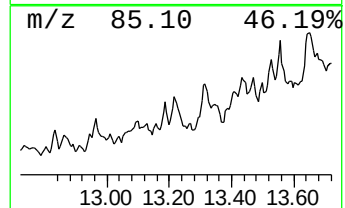
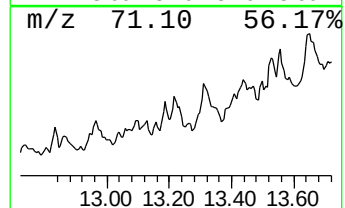
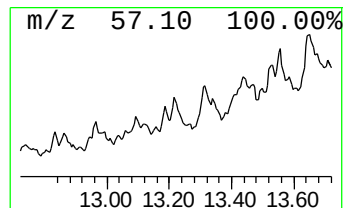
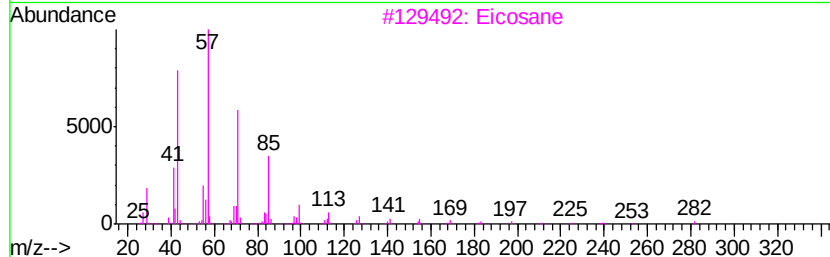
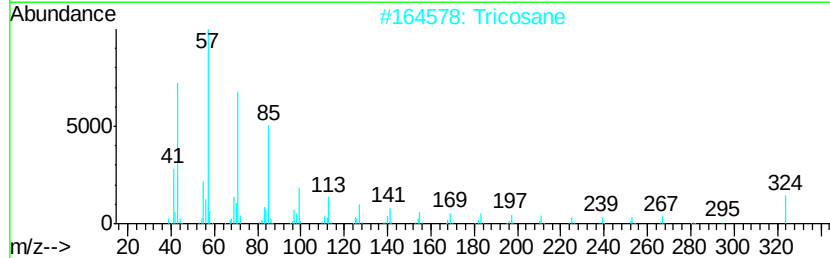
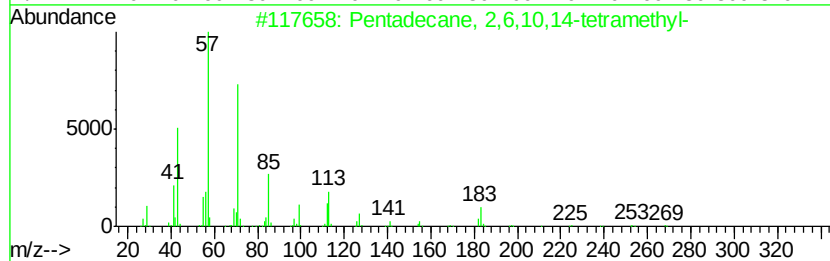
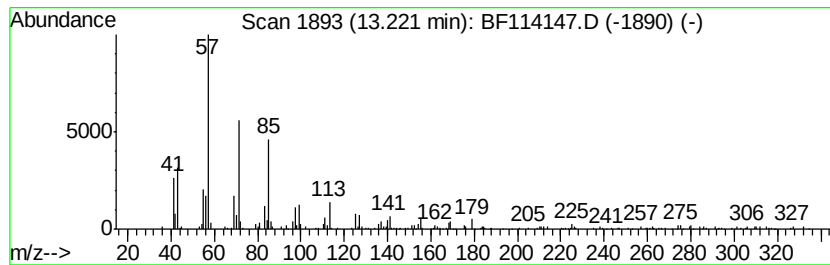
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 5 Pentadecane, 2,6,10,14-tetr... Concentration Rank 4

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 13.22 | 4.10 ng | 321668 | Chrysene-d12     | 14.01 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------------|-----|---------|-------------|------|
| 1    | 5  | Pentadecane, 2,6,10,14-tetramethyl- | 268 | C19H40  | 001921-70-6 | 86   |
| 2    |    | Tricosane                           | 324 | C23H48  | 000638-67-5 | 83   |
| 3    |    | Eicosane                            | 282 | C20H42  | 000112-95-8 | 83   |
| 4    |    | Heptadecane                         | 240 | C17H36  | 000629-78-7 | 83   |
| 5    |    | Nonadecane                          | 268 | C19H40  | 000629-92-5 | 80   |



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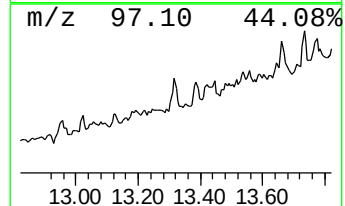
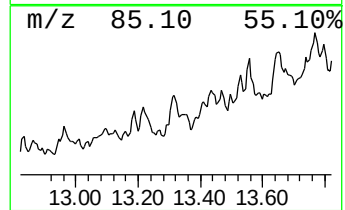
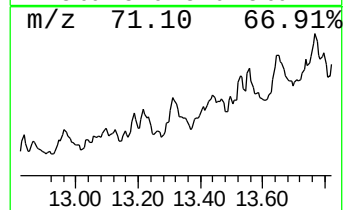
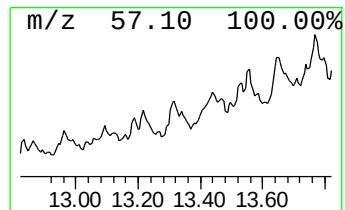
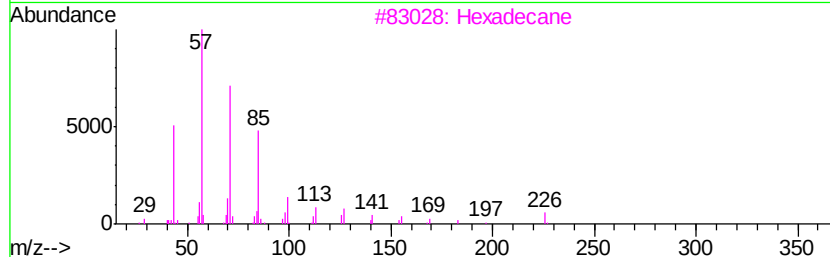
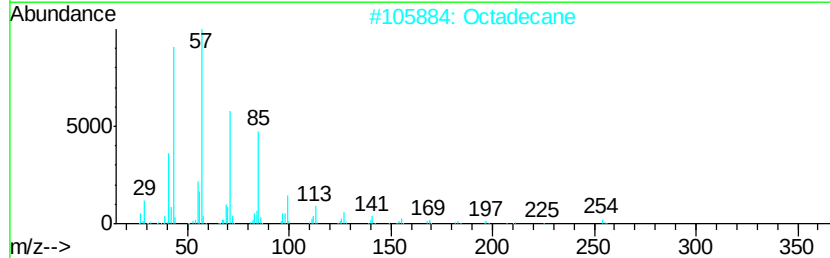
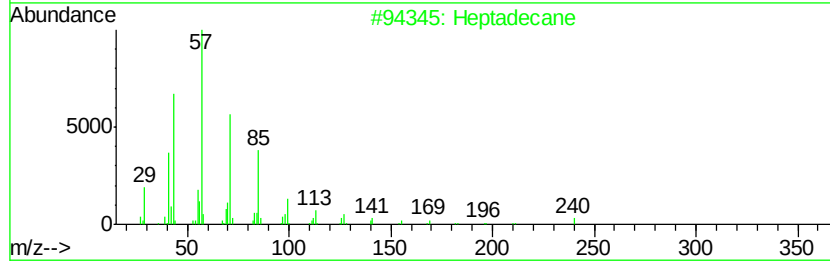
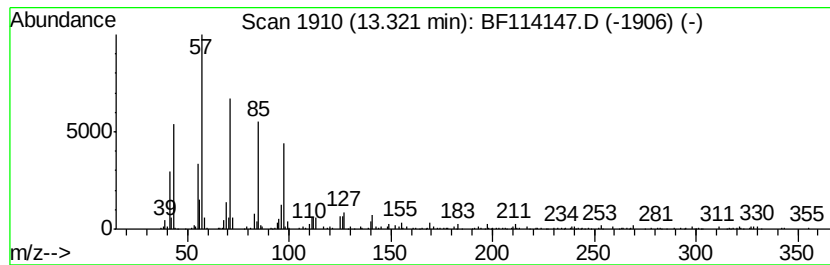
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 6 Heptadecane Concentration Rank 3

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 13.32 | 4.96 ng | 389237 | Chrysene-d12     | 14.01 |

| Hit# of | 5           | Tentative ID | MW  | MolForm | CAS#        | Qual |
|---------|-------------|--------------|-----|---------|-------------|------|
| 1       | Heptadecane |              | 240 | C17H36  | 000629-78-7 | 64   |
| 2       | Octadecane  |              | 254 | C18H38  | 000593-45-3 | 62   |
| 3       | Hexadecane  |              | 226 | C16H34  | 000544-76-3 | 62   |
| 4       | Docosane    |              | 310 | C22H46  | 000629-97-0 | 58   |
| 5       | Nonadecane  |              | 268 | C19H40  | 000629-92-5 | 58   |





Data Path : Z:\SVOASRV\HPCHEM1\BNA\_F\DATA\BF051019\  
Data File : BF114147.D  
Acq On : 11 May 2019 3:11  
Operator : JU/SJ  
Sample : K2770-01 10X  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
OILY-STONES

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF051019.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |         |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|---------|------|
|                      |       |         |       |          | #                     | RT    | Resp    | Conc |
| unknown6.62          | 6.62  | 11.4    | ng    | 940112   | 1                     | 6.86  | 1648460 | 20.0 |
| Nonadecane           | 12.83 | 2.2     | ng    | 170510   | 5                     | 14.01 | 1569520 | 20.0 |
| Eicosane             | 13.19 | 3.9     | ng    | 305190   | 5                     | 14.01 | 1569520 | 20.0 |
| Pentadecane, 2,6,... | 13.22 | 4.1     | ng    | 321668   | 5                     | 14.01 | 1569520 | 20.0 |
| Heptadecane          | 13.32 | 5.0     | ng    | 389237   | 5                     | 14.01 | 1569520 | 20.0 |