

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_F\DATA\BF053019\  
 Data File : BF114674.D  
 Acq On : 30 May 2019 21:41  
 Operator : HP/JU  
 Sample : K3068-07  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 B-4S(4-5)

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-BF052919.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         | 5.304       | 541           | 547         | 550          | rBV      | 6916309        | 7167666       | 58.84%          | 7.073%        |
| 2         | 6.334       | 710           | 722         | 725          | rBV      | 6195630        | 7683928       | 63.07%          | 7.583%        |
| 3         | 6.463       | 739           | 744         | 747          | rBV      | 7656043        | 7704339       | 63.24%          | 7.603%        |
| 4         | 6.528       | 751           | 755         | 758          | rVV      | 363191         | 293643        | 2.41%           | 0.290%        |
| 5         | 6.692       | 780           | 783         | 787          | rBV      | 2884028        | 2360602       | 19.38%          | 2.330%        |
| 6         | 6.757       | 791           | 794         | 801          | rVB2     | 156694         | 176596        | 1.45%           | 0.174%        |
| 7         | 6.851       | 806           | 810         | 813          | rVB      | 6822050        | 6188601       | 50.80%          | 6.107%        |
| 8         | 7.022       | 835           | 839         | 849          | rBV      | 142712         | 151323        | 1.24%           | 0.149%        |
| 9         | 7.251       | 873           | 878         | 881          | rBV      | 4651957        | 4942563       | 40.57%          | 4.878%        |
| 10        | 7.975       | 997           | 1001        | 1003         | rBV      | 3678765        | 3024556       | 24.83%          | 2.985%        |
| 11        | 7.992       | 1003          | 1004        | 1007         | rVB      | 213668         | 139149        | 1.14%           | 0.137%        |
| 12        | 8.728       | 1125          | 1129        | 1135         | rBV      | 223816         | 312992        | 2.57%           | 0.309%        |
| 13        | 9.051       | 1179          | 1184        | 1187         | rBV      | 9083081        | 8205568       | 67.36%          | 8.098%        |
| 14        | 9.439       | 1247          | 1250        | 1253         | rBV      | 635528         | 481032        | 3.95%           | 0.475%        |
| 15        | 9.722       | 1292          | 1298        | 1301         | rBV      | 3577451        | 3325513       | 27.30%          | 3.282%        |
| 16        | 9.922       | 1326          | 1332        | 1336         | rBV      | 140284         | 143541        | 1.18%           | 0.142%        |
| 17        | 10.498      | 1426          | 1430        | 1434         | rBV      | 4622774        | 4111639       | 33.75%          | 4.058%        |
| 18        | 10.992      | 1512          | 1514        | 1520         | rVB      | 198552         | 190412        | 1.56%           | 0.188%        |
| 19        | 11.192      | 1544          | 1548        | 1550         | rBV      | 3509277        | 2992288       | 24.56%          | 2.953%        |
| 20        | 11.216      | 1550          | 1552        | 1555         | rVB      | 1647765        | 1203429       | 9.88%           | 1.188%        |
| 21        | 11.263      | 1555          | 1560        | 1563         | rBV      | 213884         | 216240        | 1.78%           | 0.213%        |
| 22        | 11.416      | 1581          | 1586        | 1589         | rBV3     | 183834         | 221056        | 1.81%           | 0.218%        |
| 23        | 11.692      | 1630          | 1633        | 1635         | rBV      | 182419         | 144147        | 1.18%           | 0.142%        |
| 24        | 11.751      | 1635          | 1643        | 1649         | rBV3     | 4619302        | 6193818       | 50.84%          | 6.112%        |
| 25        | 11.798      | 1649          | 1651        | 1654         | rVB      | 155680         | 181826        | 1.49%           | 0.179%        |
| 26        | 12.004      | 1680          | 1686        | 1690         | rBV2     | 246764         | 338979        | 2.78%           | 0.335%        |
| 27        | 12.398      | 1749          | 1753        | 1756         | rBV      | 1569820        | 1450826       | 11.91%          | 1.432%        |
| 28        | 12.445      | 1756          | 1761        | 1767         | rVV2     | 530904         | 1088243       | 8.93%           | 1.074%        |
| 29        | 12.539      | 1769          | 1777        | 1786         | rVV      | 7586236        | 12182483      | 100.00%         | 12.022%       |
| 30        | 12.621      | 1787          | 1791        | 1794         | rVV      | 1615839        | 1838406       | 15.09%          | 1.814%        |
| 31        | 12.657      | 1794          | 1797        | 1806         | rVB      | 1365816        | 1542544       | 12.66%          | 1.522%        |
| 32        | 12.774      | 1813          | 1817        | 1821         | rVB      | 6338733        | 5911900       | 48.53%          | 5.834%        |
| 33        | 13.051      | 1861          | 1864        | 1867         | rBV      | 355631         | 269937        | 2.22%           | 0.266%        |
| 34        | 13.686      | 1969          | 1972        | 1978         | rVB      | 526448         | 672675        | 5.52%           | 0.664%        |

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Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
B-4S(4-5)

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-BF052919.M  
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 35 | 13.815 | 1989 | 1994 | 1997 | rBV3 | 3351139 | 4031002 | 33.09% | 3.978% |
| 36 | 14.315 | 2077 | 2079 | 2082 | rBV2 | 281957  | 284629  | 2.34%  | 0.281% |
| 37 | 14.674 | 2138 | 2140 | 2144 | rVB  | 428632  | 376071  | 3.09%  | 0.371% |
| 38 | 14.815 | 2161 | 2164 | 2166 | rBV  | 494061  | 616747  | 5.06%  | 0.609% |
| 39 | 15.092 | 2208 | 2211 | 2216 | rVB  | 412895  | 508356  | 4.17%  | 0.502% |
| 40 | 15.145 | 2217 | 2220 | 2223 | rVB  | 456450  | 471510  | 3.87%  | 0.465% |
| 41 | 15.204 | 2226 | 2230 | 2234 | rVV  | 1784777 | 1991976 | 16.35% | 1.966% |

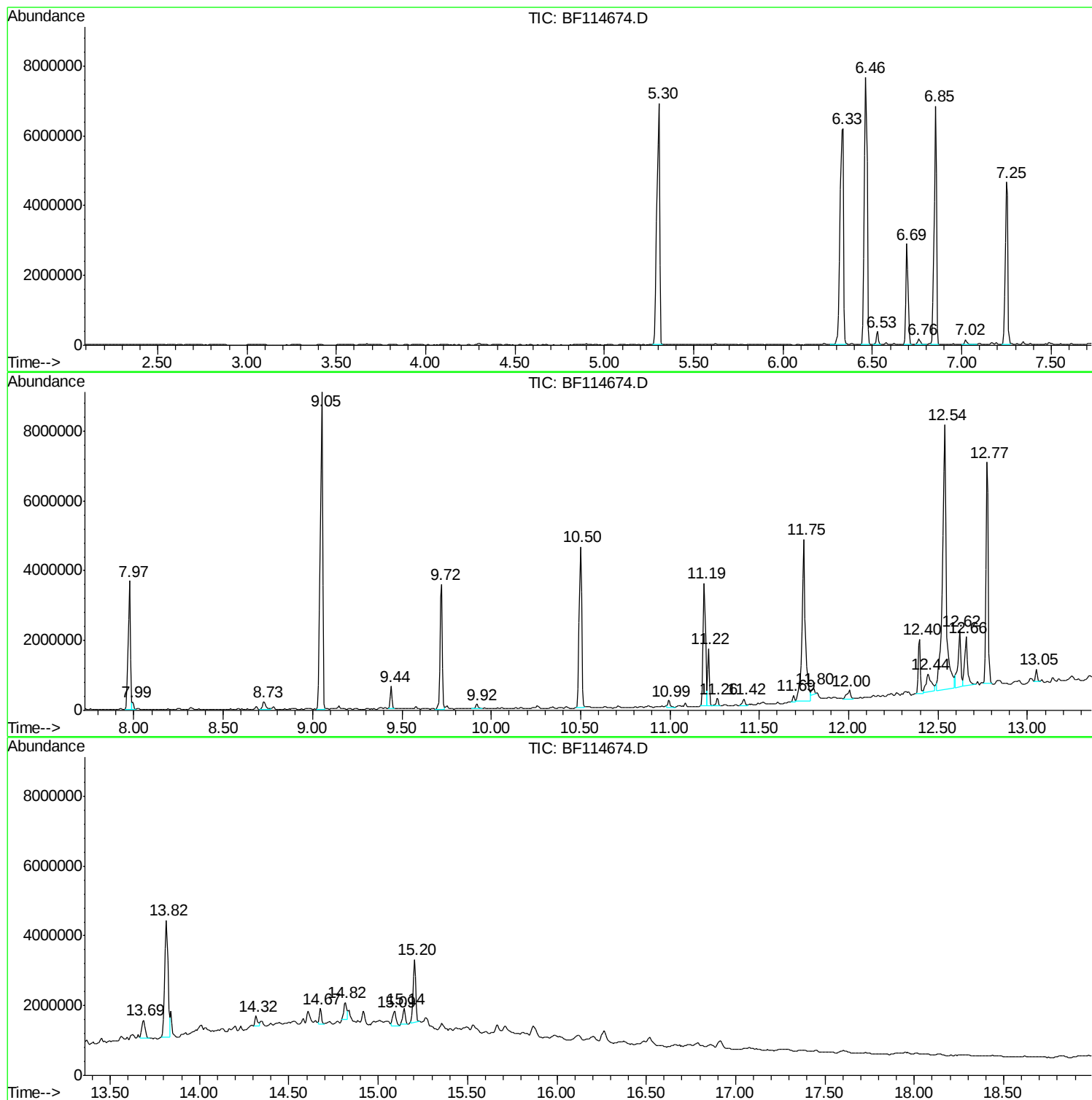
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Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053019\  
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Sample : K3068-07  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
B-4S(4-5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

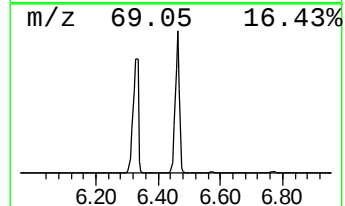
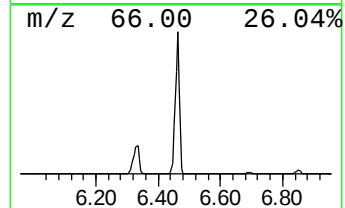
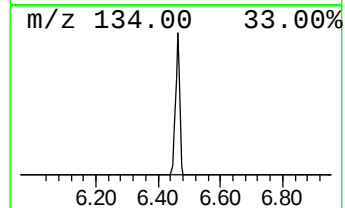
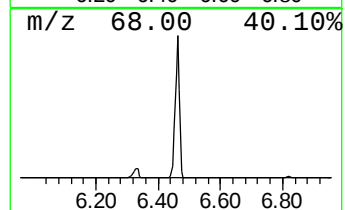
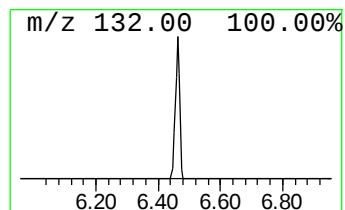
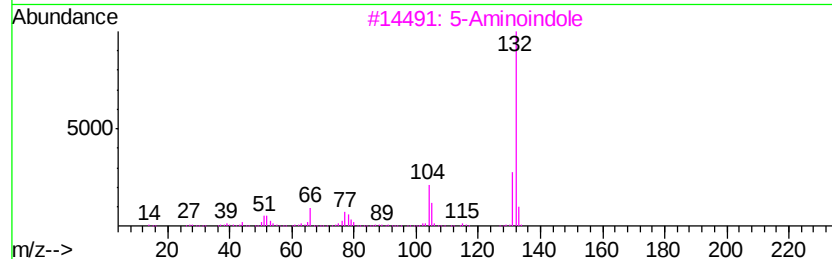
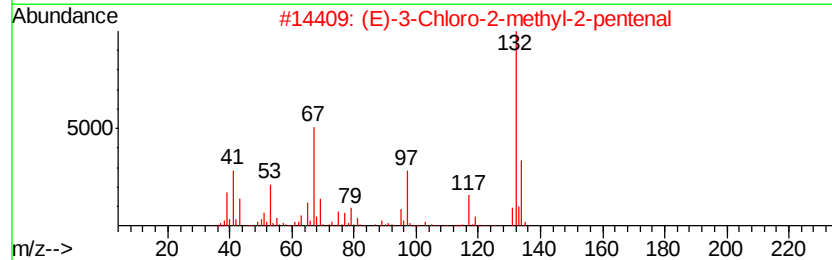
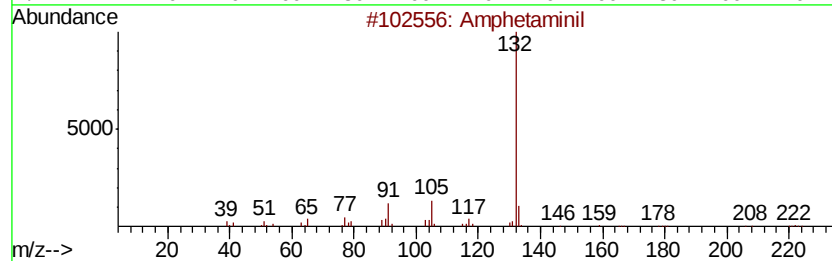
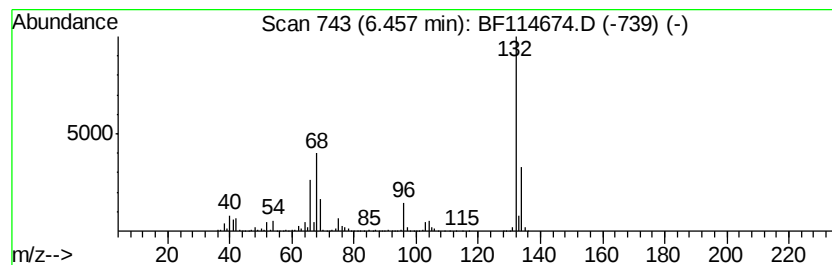
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 unknown6.46 Concentration Rank 1

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 6.46 | 65.27 ng | 7704340 | 1,4-Dichlorobenzene-d4 | 6.69 |

| Hit# | of | Tentative ID                     | MW  | MolForm  | CAS#        | Qual |
|------|----|----------------------------------|-----|----------|-------------|------|
| 1    | 5  | Amphetaminil                     | 250 | C17H18N2 | 017590-01-1 | 12   |
| 2    |    | (E)-3-Chloro-2-methyl-2-pentenal | 132 | C6H9ClO  | 031357-76-3 | 12   |
| 3    |    | 5-Aminoindole                    | 132 | C8H8N2   | 005192-03-0 | 12   |
| 4    |    | 1,2,4-Trifluorobenzene           | 132 | C6H3F3   | 000367-23-7 | 9    |
| 5    |    | 1,3,5-Trifluorobenzene           | 132 | C6H3F3   | 000372-38-3 | 9    |



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ClientSampleId :  
B-4S(4-5)

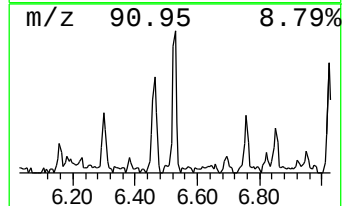
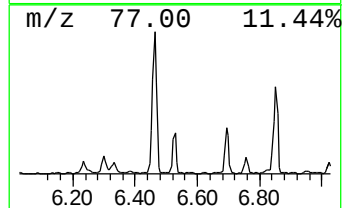
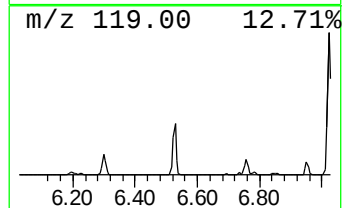
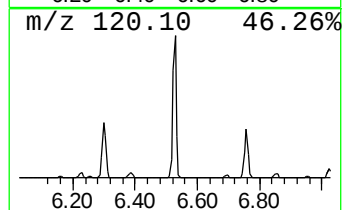
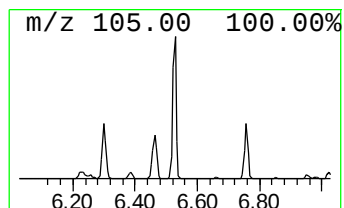
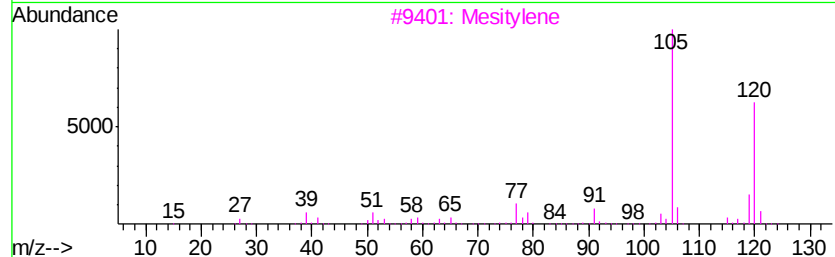
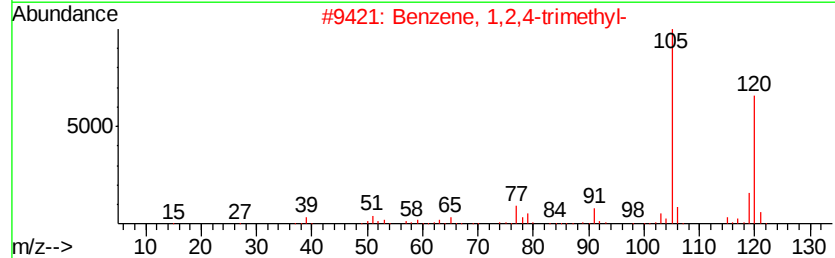
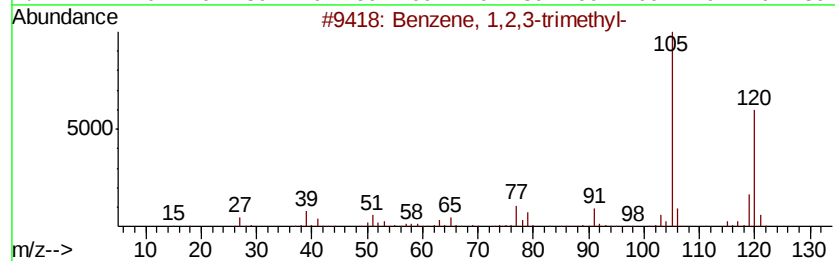
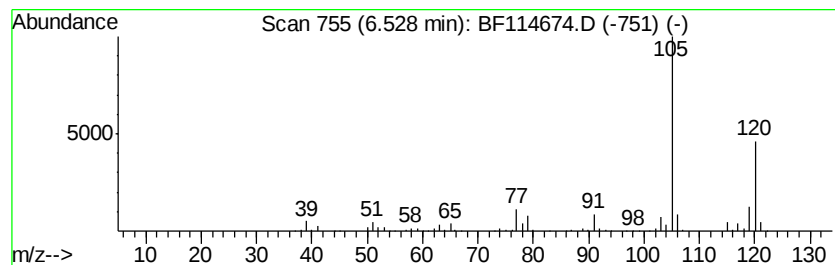
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 2 Benzene, 1,2,3-trimethyl- Concentration Rank 8

| R.T. | EstConc | Area   | Relative to ISTD       | R.T. |
|------|---------|--------|------------------------|------|
| 6.53 | 2.49 ng | 293643 | 1,4-Dichlorobenzene-d4 | 6.69 |

| Hit# | of | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|----------------------------|-----|---------|-------------|------|
| 1    | 5  | Benzene, 1,2,3-trimethyl-  | 120 | C9H12   | 000526-73-8 | 97   |
| 2    |    | Benzene, 1,2,4-trimethyl-  | 120 | C9H12   | 000095-63-6 | 95   |
| 3    |    | Mesitylene                 | 120 | C9H12   | 000108-67-8 | 94   |
| 4    |    | Benzene, 1-ethyl-4-methyl- | 120 | C9H12   | 000622-96-8 | 90   |
| 5    |    | Benzene, 1-ethyl-3-methyl- | 120 | C9H12   | 000620-14-4 | 90   |



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Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
B-4S(4-5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

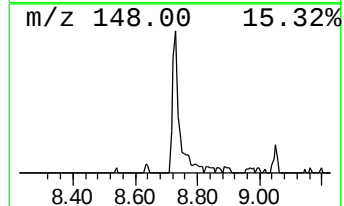
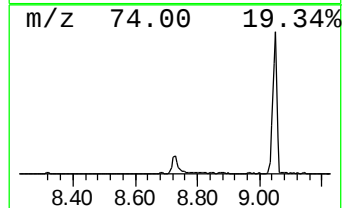
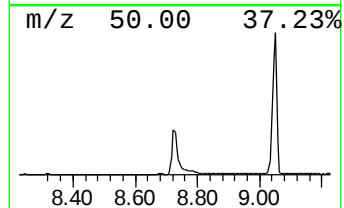
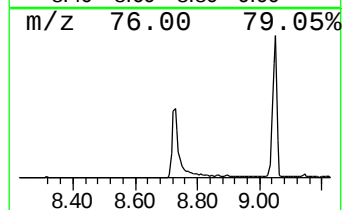
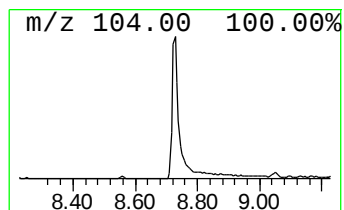
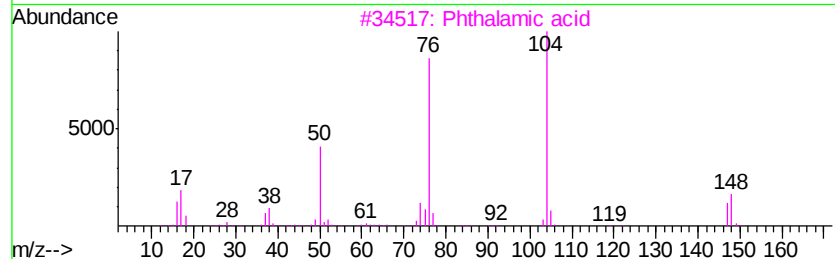
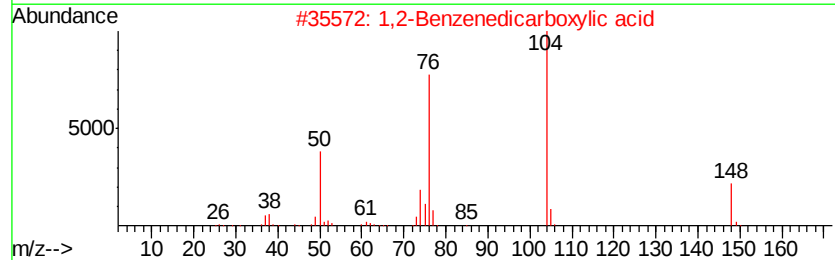
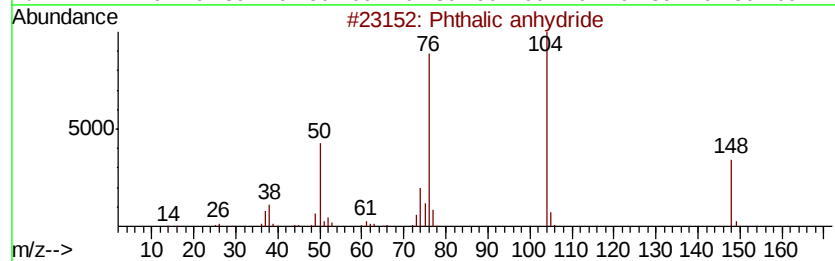
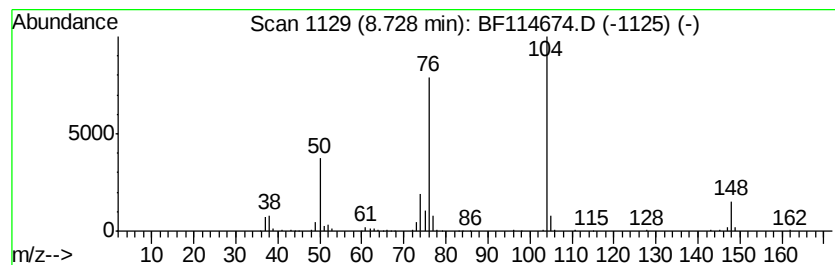
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 4 Phthalic anhydride Concentration Rank 10

| R.T. | EstConc | Area   | Relative to ISTD | R.T. |
|------|---------|--------|------------------|------|
| 8.73 | 2.07 ng | 312992 | Naphthalene-d8   | 7.97 |

| Hit# | of | 5 | Tentative ID                   | MW  | MolForm  | CAS#        | Qual |
|------|----|---|--------------------------------|-----|----------|-------------|------|
| 1    |    |   | Phthalic anhydride             | 148 | C8H4O3   | 000085-44-9 | 96   |
| 2    |    |   | 1,2-Benzenedicarboxylic acid   | 166 | C8H6O4   | 000088-99-3 | 91   |
| 3    |    |   | Phthalamic acid                | 165 | C8H7NO3  | 000088-97-1 | 83   |
| 4    |    |   | Phthalic acid, monoethyl ester | 194 | C10H10O4 | 002306-33-4 | 83   |
| 5    |    |   | Indan-1,2,3-trione             | 160 | C9H4O3   | 000938-24-9 | 83   |



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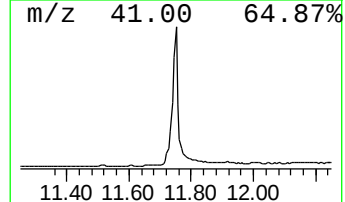
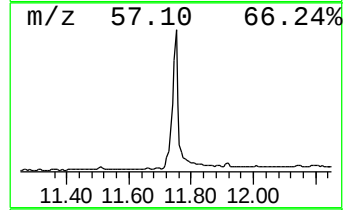
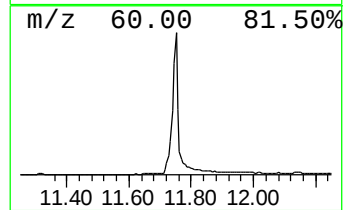
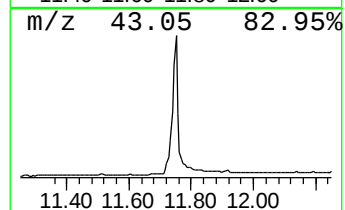
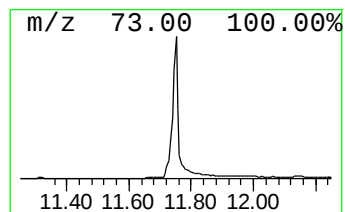
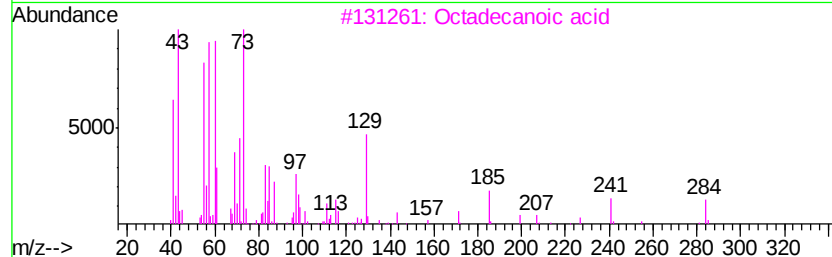
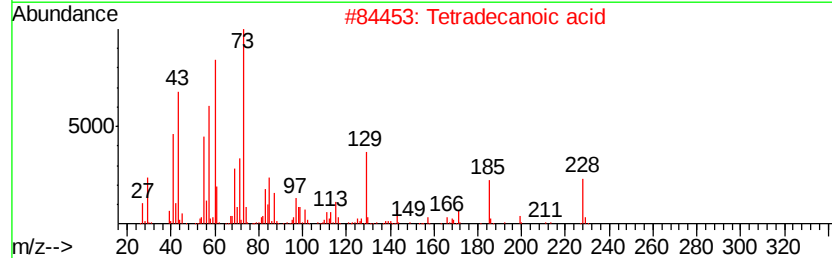
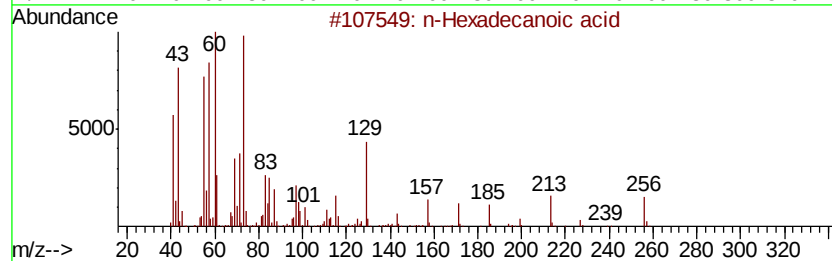
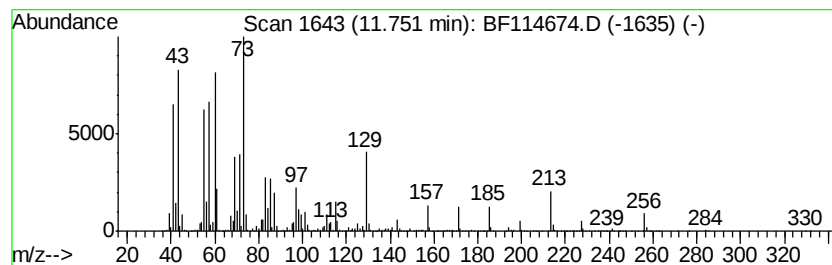
Instrument :  
BNA\_F  
ClientSampleId :  
B-4S(4-5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 5 n-Hexadecanoic acid Concentration Rank 4

| R.T.      | EstConc             | Area    | Relative to ISTD | R.T.        |      |
|-----------|---------------------|---------|------------------|-------------|------|
| 11.75     | 41.40 ng            | 6193820 | Phenanthrene-d10 | 11.19       |      |
| Hit# of 5 | Tentative ID        | MW      | MolForm          | CAS#        | Qual |
| 1         | n-Hexadecanoic acid | 256     | C16H32O2         | 000057-10-3 | 99   |
| 2         | Tetradecanoic acid  | 228     | C14H28O2         | 000544-63-8 | 93   |
| 3         | Octadecanoic acid   | 284     | C18H36O2         | 000057-11-4 | 93   |
| 4         | Pentadecanoic acid  | 242     | C15H30O2         | 001002-84-2 | 93   |
| 5         | Tridecanoic acid    | 214     | C13H26O2         | 000638-53-9 | 72   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053019\  
Data File : BF114674.D  
Acq On : 30 May 2019 21:41  
Operator : HP/JU  
Sample : K3068-07  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
B-4S(4-5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

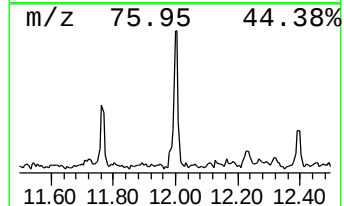
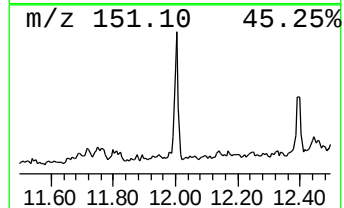
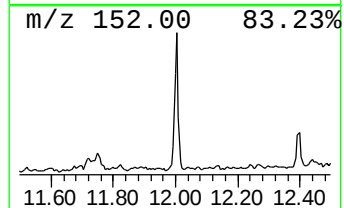
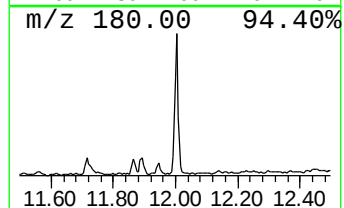
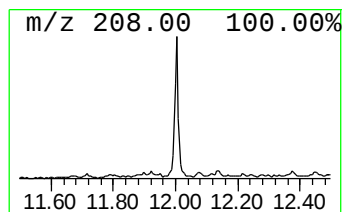
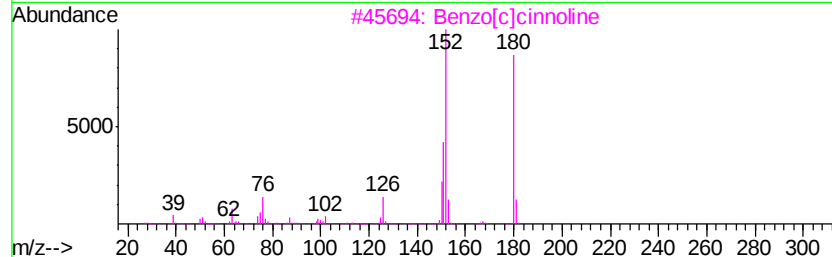
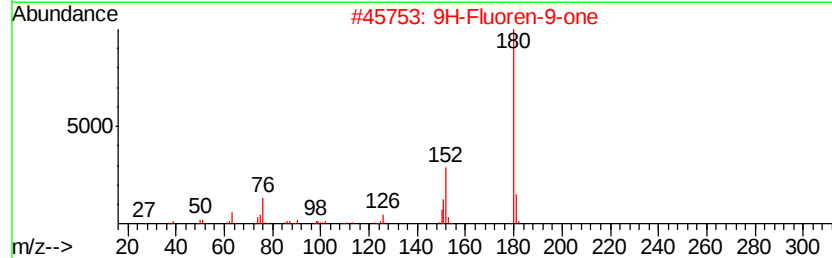
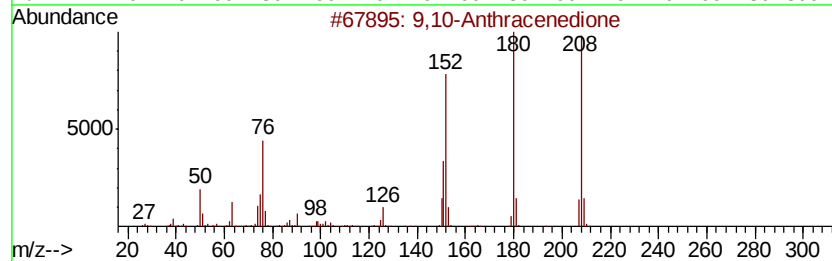
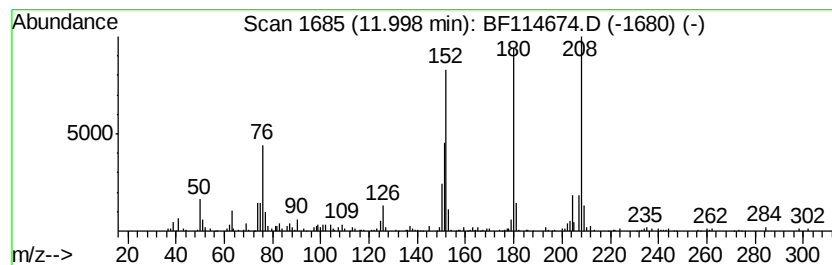
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 6 9,10-Anthracenedione Concentration Rank 9

| R.T.  | EstConc | Area   | Relative to ISTD |  | R.T.  |
|-------|---------|--------|------------------|--|-------|
| 12.00 | 2.27 ng | 338979 | Phenanthrene-d10 |  | 11.19 |

| Hit# | of                   | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|----------------------|---|--------------|-----|---------|-------------|------|
| 1    | 9,10-Anthracenedione |   |              | 208 | C14H8O2 | 000084-65-1 | 98   |
| 2    | 9H-Fluoren-9-one     |   |              | 180 | C13H8O  | 000486-25-9 | 86   |
| 3    | Benzo[c]cinnoline    |   |              | 180 | C12H8N2 | 000230-17-1 | 64   |
| 4    | 1H-Phenalen-1-one    |   |              | 180 | C13H8O  | 000548-39-0 | 60   |
| 5    | Benzo[h]cinnoline    |   |              | 180 | C12H8N2 | 000230-31-9 | 49   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053019\  
Data File : BF114674.D  
Acq On : 30 May 2019 21:41  
Operator : HP/JU  
Sample : K3068-07  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
B-4S(4-5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

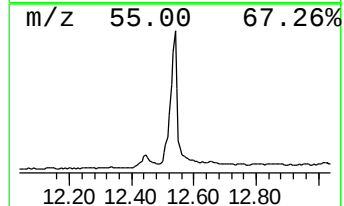
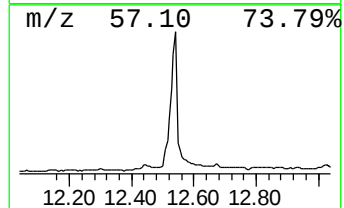
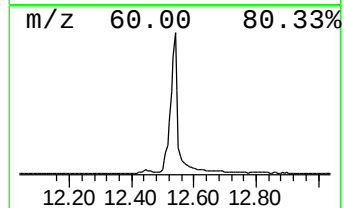
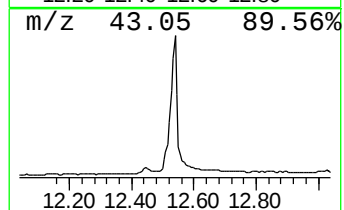
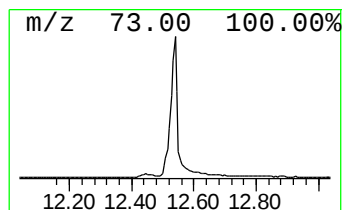
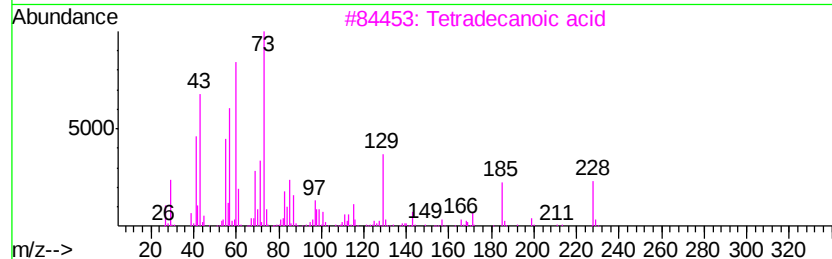
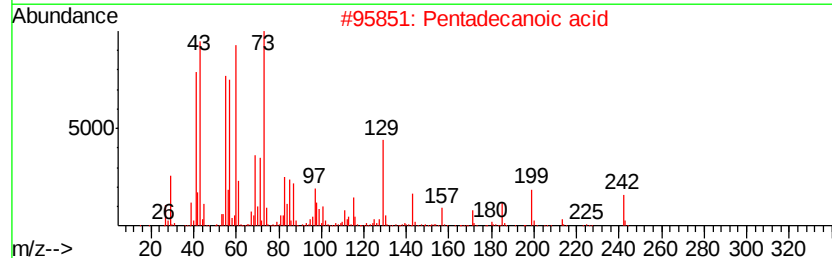
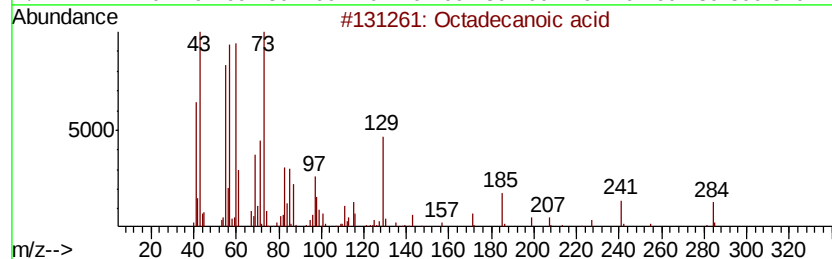
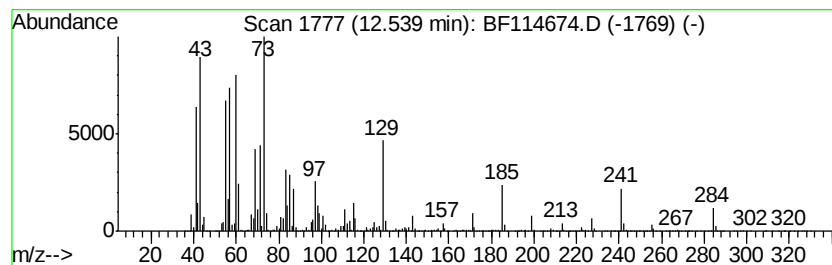
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 7 Octadecanoic acid Concentration Rank 2

| R.T.  | EstConc  | Area     | Relative to ISTD | R.T.  |
|-------|----------|----------|------------------|-------|
| 12.54 | 60.44 ng | 12182500 | Chrysene-d12     | 13.82 |

| Hit# of | 5 | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|---------|---|---------------------|-----|----------|-------------|------|
| 1       |   | Octadecanoic acid   | 284 | C18H36O2 | 000057-11-4 | 99   |
| 2       |   | Pentadecanoic acid  | 242 | C15H30O2 | 001002-84-2 | 93   |
| 3       |   | Tetradecanoic acid  | 228 | C14H28O2 | 000544-63-8 | 87   |
| 4       |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 74   |
| 5       |   | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 74   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053019\  
Data File : BF114674.D  
Acq On : 30 May 2019 21:41  
Operator : HP/JU  
Sample : K3068-07  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

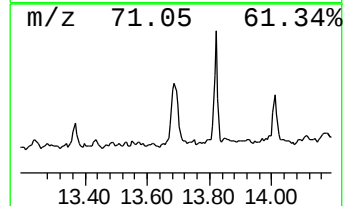
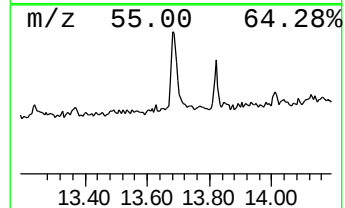
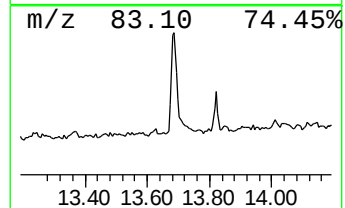
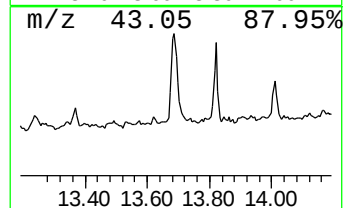
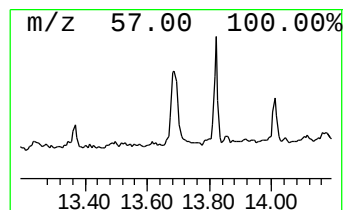
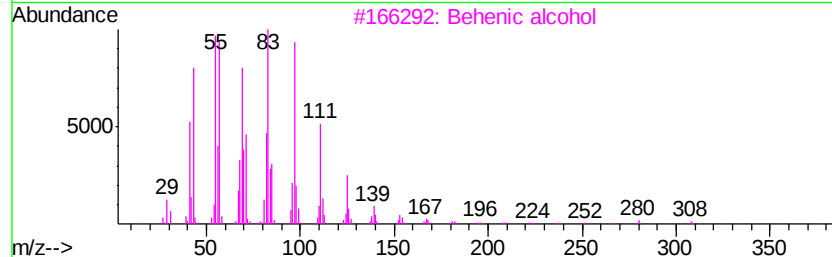
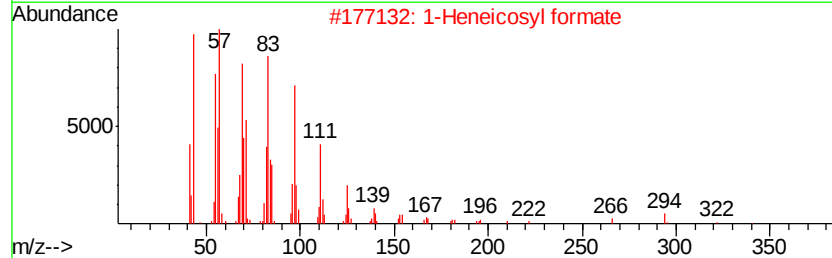
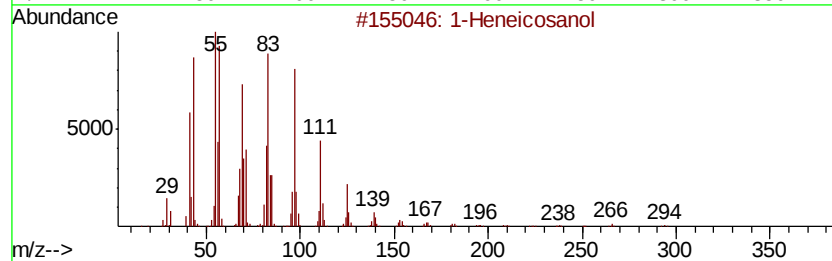
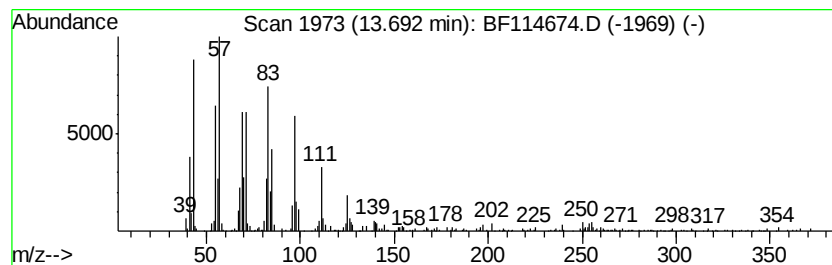
Instrument :  
BNA\_F  
ClientSampleId :  
B-4S(4-5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.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 8 1-Heneicosanol Concentration Rank 7

| R.T.      | EstConc              | Area   | Relative to ISTD | R.T.        |      |
|-----------|----------------------|--------|------------------|-------------|------|
| 13.69     | 3.34 ng              | 672675 | Chrysene-d12     | 13.82       |      |
| Hit# of 5 | Tentative ID         | MW     | MolForm          | CAS#        | Qual |
| 1         | 1-Heneicosanol       | 312    | C21H44O          | 015594-90-8 | 95   |
| 2         | 1-Heneicosyl formate | 340    | C22H44O2         | 077899-03-7 | 95   |
| 3         | Behenic alcohol      | 326    | C22H46O          | 000661-19-8 | 95   |
| 4         | Cyclotetracosane     | 336    | C24H48           | 000297-03-0 | 94   |
| 5         | 1-Heptacosanol       | 396    | C27H56O          | 002004-39-9 | 94   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053019\  
 Data File : BF114674.D  
 Acq On : 30 May 2019 21:41  
 Operator : HP/JU  
 Sample : K3068-07  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 B-4S(4-5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

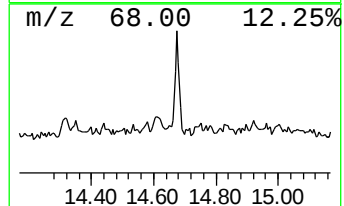
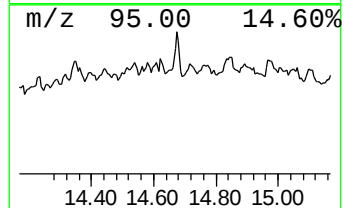
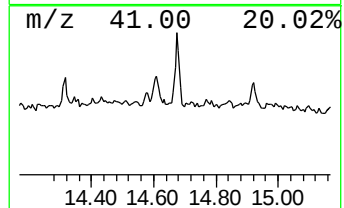
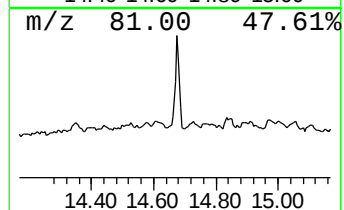
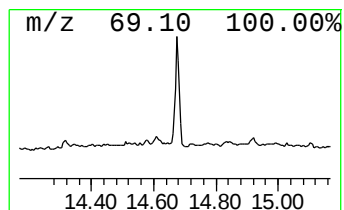
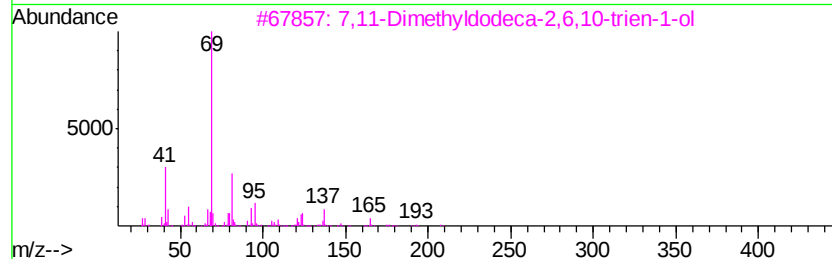
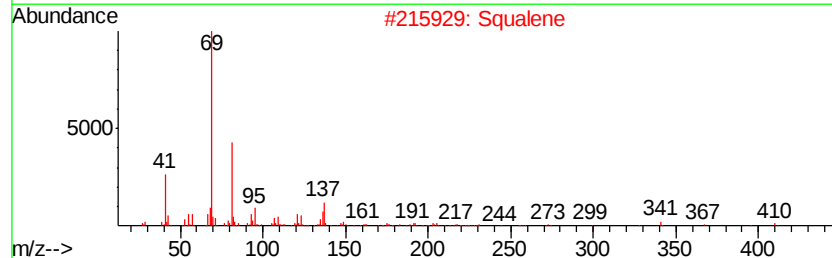
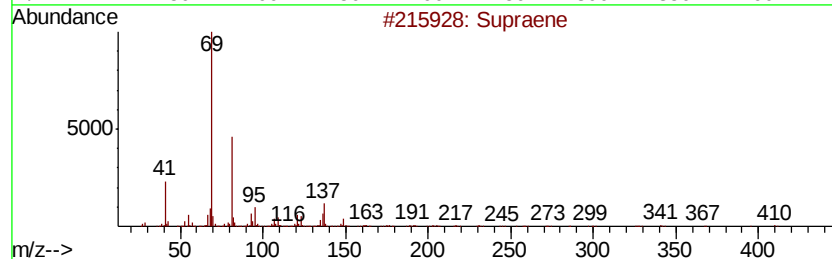
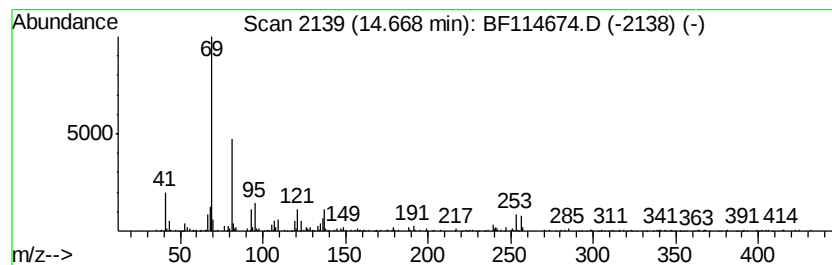
TIC Library : C:\DATABASE\NIST11.L  
 TIC Integration Parameters: LSCINT.P

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 Peak Number 9 Supraene Concentration Rank 6

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 14.67 | 3.78 ng | 376071 | Perylene-d12     | 15.20 |

| Hit# of | 5                                   | Tentative ID | MW  | MolForm  | CAS#         | Qual |
|---------|-------------------------------------|--------------|-----|----------|--------------|------|
| 1       | Supraene                            |              | 410 | C30H50   | 007683-64-9  | 87   |
| 2       | Squalene                            |              | 410 | C30H50   | 000111-02-4  | 72   |
| 3       | 7,11-Dimethyldodeca-2,6,10-trien... |              | 208 | C14H24O  | 125529-10-4  | 64   |
| 4       | Trideca-1,3,7,11-tetraene-1,1-di... |              | 268 | C18H24N2 | 1000159-88-9 | 59   |
| 5       | Methanone, dicyclopropyl-           |              | 110 | C7H10O   | 001121-37-5  | 50   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053019\  
Data File : BF114674.D  
Acq On : 30 May 2019 21:41  
Operator : HP/JU  
Sample : K3068-07  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
B-4S(4-5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

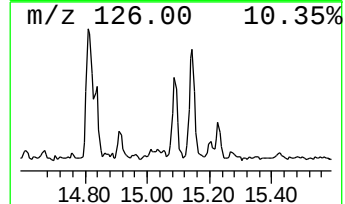
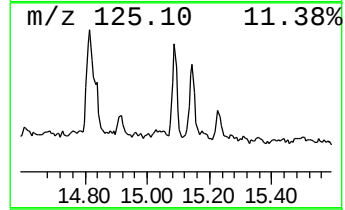
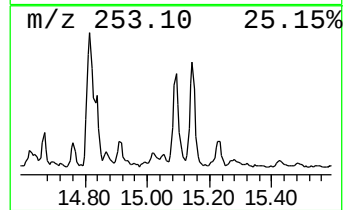
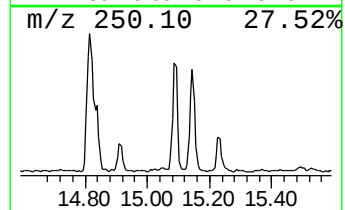
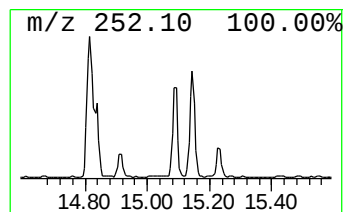
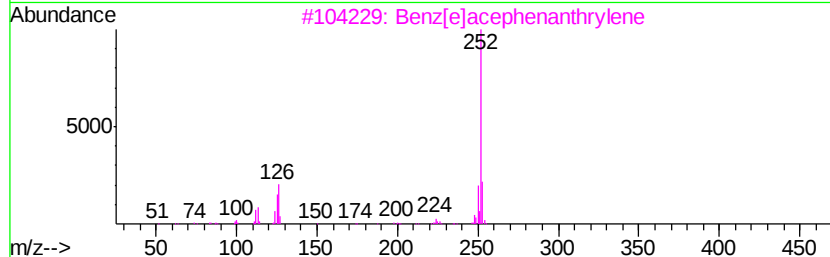
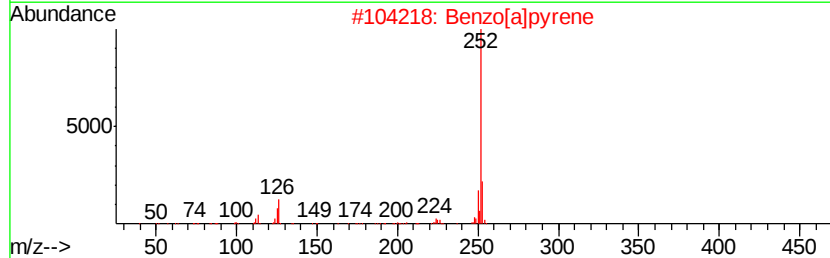
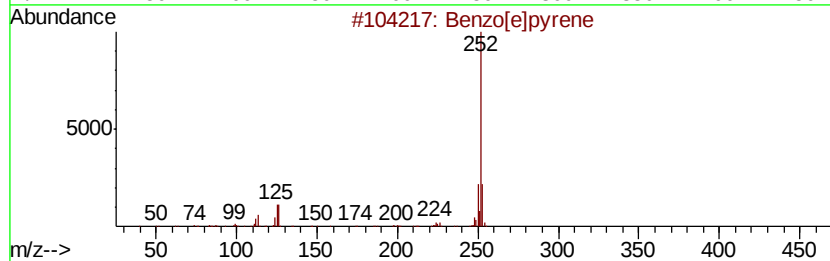
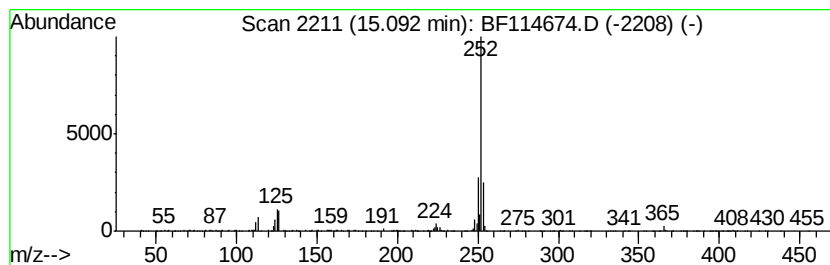
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 10 Benzo[e]pyrene Concentration Rank 5

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 15.09 | 5.10 ng | 508356 | Perylene-d12     | 15.20 |

| Hit# | of | 5 | Tentative ID              | MW  | MolForm | CAS#        | Qual |
|------|----|---|---------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzo[e]pyrene            | 252 | C20H12  | 000192-97-2 | 98   |
| 2    |    |   | Benzo[a]pyrene            | 252 | C20H12  | 000050-32-8 | 95   |
| 3    |    |   | Benzo[e]acephenanthrylene | 252 | C20H12  | 000205-99-2 | 93   |
| 4    |    |   | Benzo[k]fluoranthene      | 252 | C20H12  | 000207-08-9 | 90   |
| 5    |    |   | Perylene                  | 252 | C20H12  | 000198-55-0 | 89   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA\_F\DATA\BF053019\  
Data File : BF114674.D  
Acq On : 30 May 2019 21:41  
Operator : HP/JU  
Sample : K3068-07  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
B-4S(4-5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF052919.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 |
| unknown6.46          | 6.46  | 65.3    | ng    | 7704340  | 1                     | 6.69  | 2360600 | 20.0 |
| Benzene, 1,2,3-tr... | 6.53  | 2.5     | ng    | 293643   | 1                     | 6.69  | 2360600 | 20.0 |
| Phthalic anhydride   | 8.73  | 2.1     | ng    | 312992   | 2                     | 7.97  | 3024560 | 20.0 |
| n-Hexadecanoic acid  | 11.75 | 41.4    | ng    | 6193820  | 4                     | 11.19 | 2992290 | 20.0 |
| 9,10-Anthracenedione | 12.00 | 2.3     | ng    | 338979   | 4                     | 11.19 | 2992290 | 20.0 |
| Octadecanoic acid    | 12.54 | 60.4    | ng    | 12182500 | 5                     | 13.82 | 4031000 | 20.0 |
| 1-Heneicosanol       | 13.69 | 3.3     | ng    | 672675   | 5                     | 13.82 | 4031000 | 20.0 |
| Supraene             | 14.67 | 3.8     | ng    | 376071   | 6                     | 15.20 | 1991980 | 20.0 |
| Benzo[e]pyrene       | 15.09 | 5.1     | ng    | 508356   | 6                     | 15.20 | 1991980 | 20.0 |