

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_F\DATA\BF062220\  
 Data File : BF120687.D  
 Acq On : 22 Jun 2020 20:35  
 Operator : JU/CG  
 Sample : L3082-13  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-14

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-BF061020.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         | 5.404       | 560           | 564         | 568          | rBV      | 2595223        | 2536961       | 61.54%          | 8.834%        |
| 2         | 6.434       | 734           | 739         | 742          | rBV      | 2393105        | 2324400       | 56.38%          | 8.094%        |
| 3         | 6.793       | 797           | 800         | 804          | rBV      | 752978         | 675893        | 16.39%          | 2.353%        |
| 4         | 6.951       | 823           | 827         | 830          | rBV      | 2612106        | 2193763       | 53.21%          | 7.639%        |
| 5         | 7.357       | 891           | 896         | 899          | rBV      | 1528095        | 1468739       | 35.63%          | 5.114%        |
| 6         | 8.081       | 1015          | 1019        | 1022         | rBV      | 890503         | 847808        | 20.56%          | 2.952%        |
| 7         | 9.157       | 1197          | 1202        | 1205         | rBV      | 4060239        | 3595038       | 87.20%          | 12.518%       |
| 8         | 9.269       | 1217          | 1221        | 1232         | rVB      | 283157         | 275874        | 6.69%           | 0.961%        |
| 9         | 9.545       | 1265          | 1268        | 1272         | rBV      | 212554         | 185183        | 4.49%           | 0.645%        |
| 10        | 9.834       | 1313          | 1317        | 1320         | rBV      | 1261567        | 1030548       | 25.00%          | 3.588%        |
| 11        | 10.416      | 1413          | 1416        | 1423         | rBV      | 67668          | 78991         | 1.92%           | 0.275%        |
| 12        | 10.622      | 1447          | 1451        | 1462         | rBV      | 2470131        | 2331059       | 56.54%          | 8.117%        |
| 13        | 11.316      | 1566          | 1569        | 1572         | rBV      | 1134713        | 1058594       | 25.68%          | 3.686%        |
| 14        | 11.339      | 1572          | 1573        | 1577         | rVB      | 149395         | 101690        | 2.47%           | 0.354%        |
| 15        | 11.551      | 1602          | 1609        | 1618         | rBV3     | 32710          | 60687         | 1.47%           | 0.211%        |
| 16        | 11.927      | 1670          | 1673        | 1676         | rBV2     | 39442          | 43203         | 1.05%           | 0.150%        |
| 17        | 12.369      | 1745          | 1748        | 1752         | rBV3     | 62723          | 92285         | 2.24%           | 0.321%        |
| 18        | 12.527      | 1772          | 1775        | 1779         | rVB      | 389771         | 349960        | 8.49%           | 1.219%        |
| 19        | 12.757      | 1808          | 1814        | 1817         | rBV      | 442808         | 432858        | 10.50%          | 1.507%        |
| 20        | 12.910      | 1835          | 1840        | 1843         | rVV      | 4223418        | 4122656       | 100.00%         | 14.355%       |
| 21        | 12.980      | 1847          | 1852        | 1856         | rBV2     | 36551          | 61078         | 1.48%           | 0.213%        |
| 22        | 13.086      | 1868          | 1870        | 1874         | rVB      | 51938          | 48830         | 1.18%           | 0.170%        |
| 23        | 13.139      | 1874          | 1879        | 1880         | rBV3     | 30898          | 44247         | 1.07%           | 0.154%        |
| 24        | 13.192      | 1884          | 1888        | 1891         | rVV2     | 57940          | 57546         | 1.40%           | 0.200%        |
| 25        | 13.480      | 1932          | 1937        | 1945         | rVB6     | 27604          | 65376         | 1.59%           | 0.228%        |
| 26        | 13.598      | 1954          | 1957        | 1961         | rVB      | 52398          | 49560         | 1.20%           | 0.173%        |
| 27        | 13.704      | 1970          | 1975        | 1978         | rBV2     | 40122          | 56575         | 1.37%           | 0.197%        |
| 28        | 13.810      | 1989          | 1993        | 2002         | rBV2     | 231915         | 367925        | 8.92%           | 1.281%        |
| 29        | 13.957      | 2013          | 2018        | 2021         | rBV2     | 1258576        | 1404679       | 34.07%          | 4.891%        |
| 30        | 13.980      | 2021          | 2022        | 2030         | rVB      | 208329         | 200001        | 4.85%           | 0.696%        |
| 31        | 14.345      | 2081          | 2084        | 2087         | rVB      | 49256          | 44804         | 1.09%           | 0.156%        |
| 32        | 14.433      | 2095          | 2099        | 2103         | rBV4     | 38040          | 64650         | 1.57%           | 0.225%        |
| 33        | 14.986      | 2189          | 2193        | 2196         | rBV      | 209410         | 305153        | 7.40%           | 1.063%        |
| 34        | 15.280      | 2239          | 2243        | 2249         | rVB      | 119527         | 163486        | 3.97%           | 0.569%        |

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Instrument :  
BNA\_F  
ClientSampleId :  
SB-14

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-BF061020.M  
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|    |        |      |      |      |      |        |         |        |        |
|----|--------|------|------|------|------|--------|---------|--------|--------|
| 35 | 15.339 | 2249 | 2253 | 2258 | rBV  | 176102 | 202506  | 4.91%  | 0.705% |
| 36 | 15.404 | 2259 | 2264 | 2268 | rBV  | 993481 | 1234207 | 29.94% | 4.298% |
| 37 | 15.933 | 2347 | 2354 | 2364 | rBV  | 34280  | 117217  | 2.84%  | 0.408% |
| 38 | 16.821 | 2499 | 2505 | 2515 | rVB2 | 79499  | 154865  | 3.76%  | 0.539% |
| 39 | 17.051 | 2540 | 2544 | 2549 | rBV5 | 24060  | 47028   | 1.14%  | 0.164% |
| 40 | 17.157 | 2557 | 2562 | 2568 | rVB5 | 54440  | 117337  | 2.85%  | 0.409% |
| 41 | 17.245 | 2573 | 2577 | 2585 | rVB  | 54135  | 105794  | 2.57%  | 0.368% |

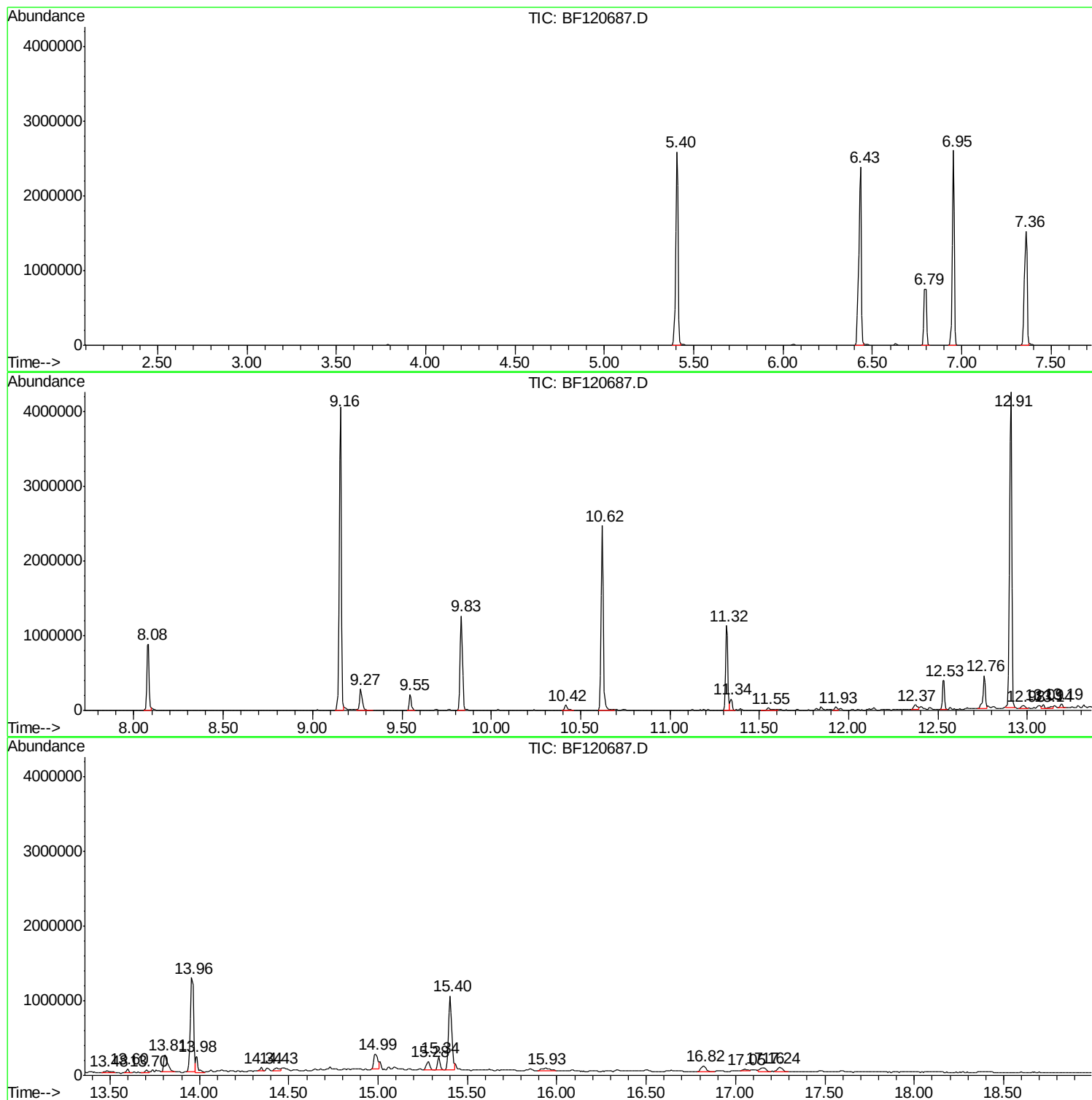
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Instrument :  
BNA\_F  
ClientSampled :  
SB-14

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF061020.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 : L3082-13  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
SB-14

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

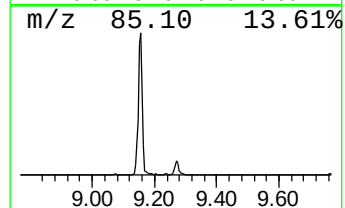
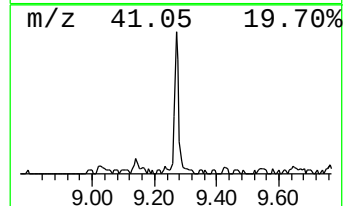
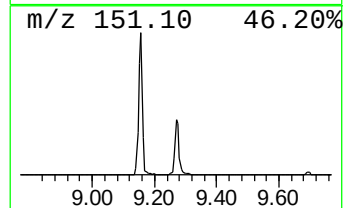
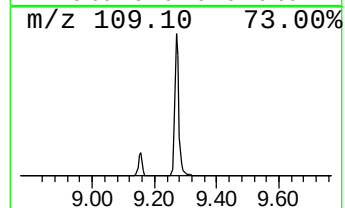
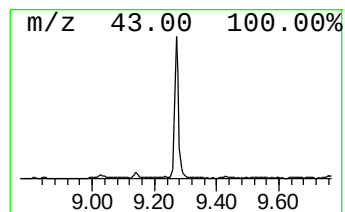
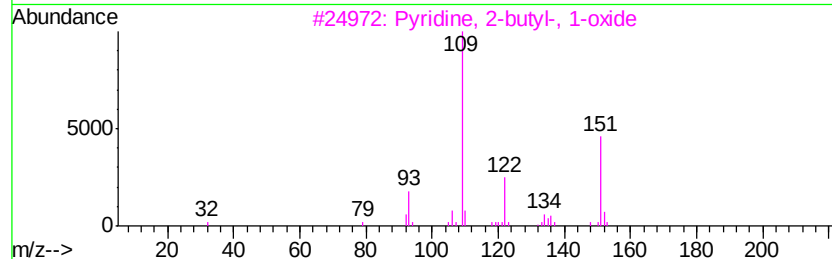
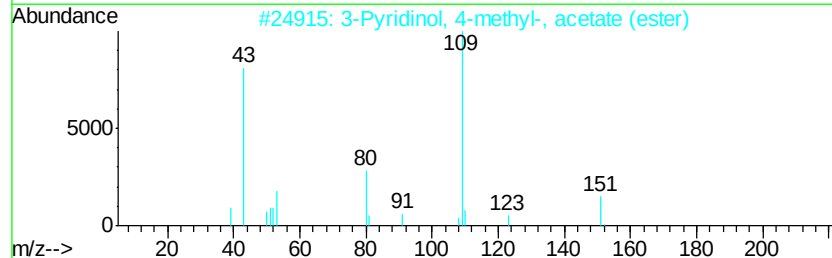
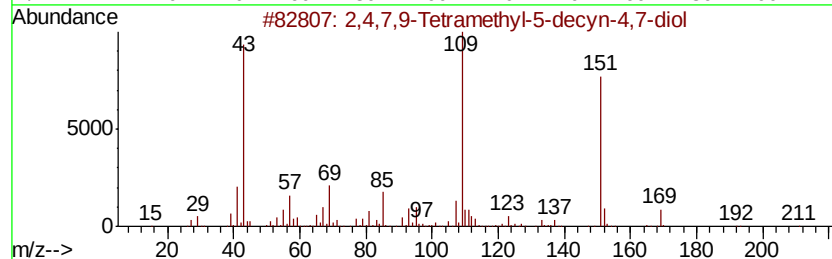
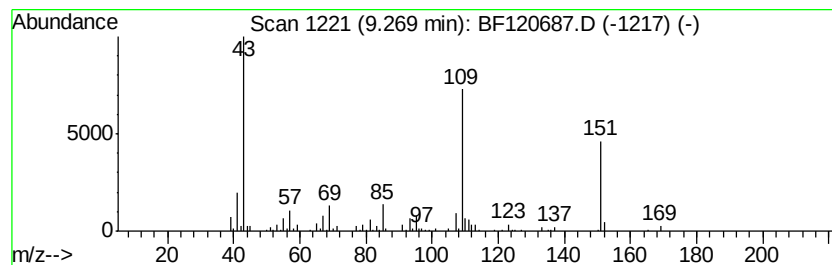
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 2 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 2

| R.T. | EstConc | Area   | Relative to ISTD | R.T. |
|------|---------|--------|------------------|------|
| 9.27 | 5.35 ng | 275874 | Acenaphthene-d10 | 9.83 |

| Hit# | of                                  | 5   | Tentative ID | MW           | MolForm | CAS# | Qual |
|------|-------------------------------------|-----|--------------|--------------|---------|------|------|
| 1    | 2,4,7,9-Tetramethyl-5-decyn-4,7-... | 226 | C14H26O2     | 000126-86-3  | 91      |      |      |
| 2    | 3-Pyridinol, 4-methyl-, acetate ... | 151 | C8H9NO2      | 001006-96-8  | 53      |      |      |
| 3    | Pyridine, 2-butyl-, 1-oxide         | 151 | C9H13NO      | 031396-32-4  | 53      |      |      |
| 4    | Metacetamol                         | 151 | C8H9NO2      | 000621-42-1  | 42      |      |      |
| 5    | Butanamide, N-acetyl-N-(4-hydrox... | 221 | C12H15NO3    | 1000107-08-7 | 36      |      |      |



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ClientSampleId :  
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

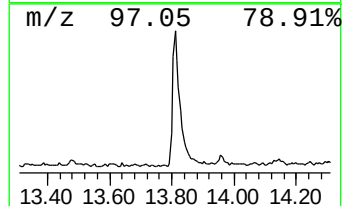
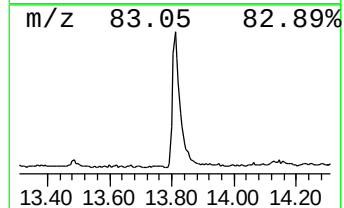
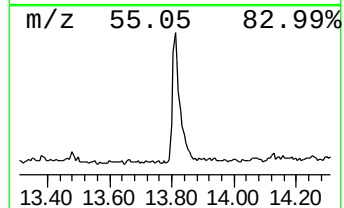
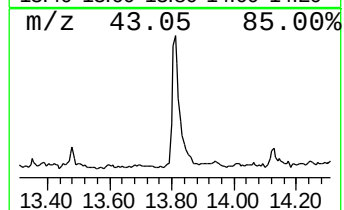
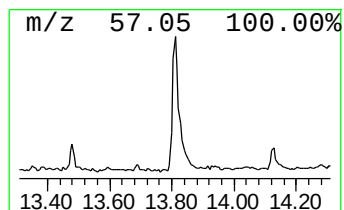
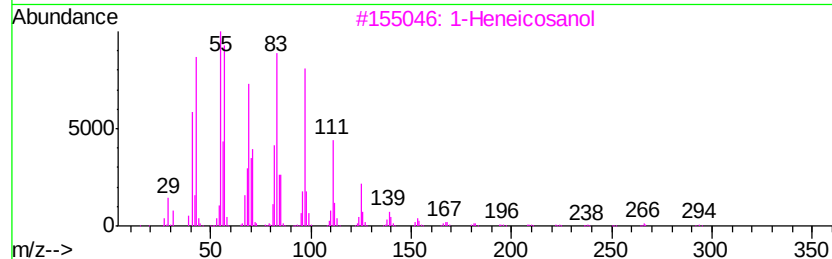
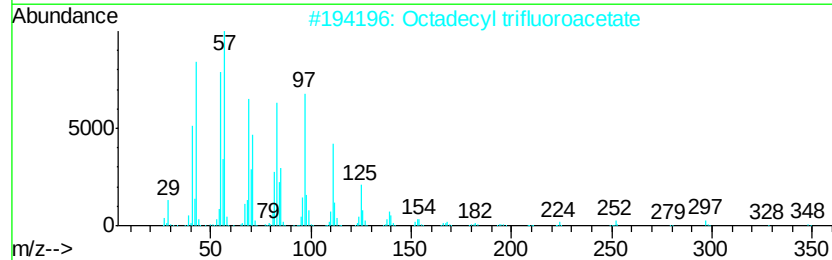
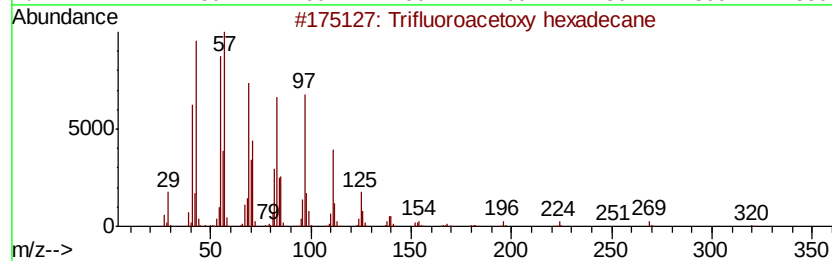
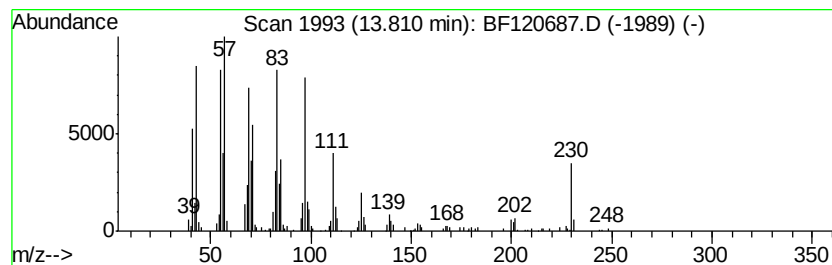
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 3 Trifluoroacetoxy hexadecane Concentration Rank 3

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 13.81 | 5.24 ng | 367925 | Chrysene-d12     | 13.96 |

| Hit# | of | Tentative ID                        | MW  | MolForm    | CAS#        | Qual |
|------|----|-------------------------------------|-----|------------|-------------|------|
| 1    | 5  | Trifluoroacetoxy hexadecane         | 338 | C18H33F3O2 | 006222-03-3 | 94   |
| 2    |    | Octadecyl trifluoroacetate          | 366 | C20H37F3O2 | 079392-43-1 | 93   |
| 3    |    | 1-Heneicosanol                      | 312 | C21H44O    | 015594-90-8 | 93   |
| 4    |    | Heptafluorobutyric acid, pentade... | 424 | C19H31F7O2 | 959261-23-5 | 91   |
| 5    |    | 1-Heptacosanol                      | 396 | C27H56O    | 002004-39-9 | 90   |



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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

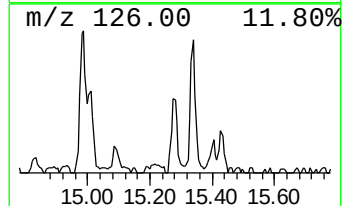
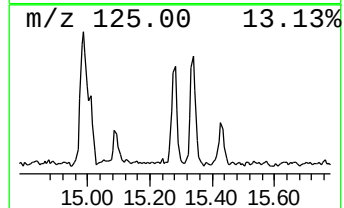
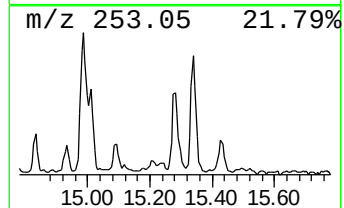
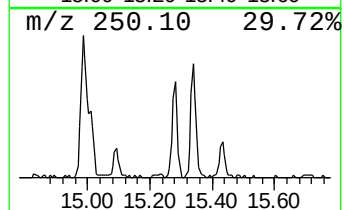
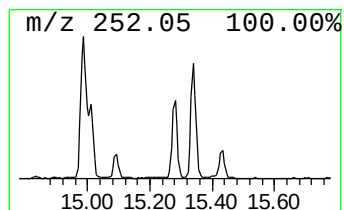
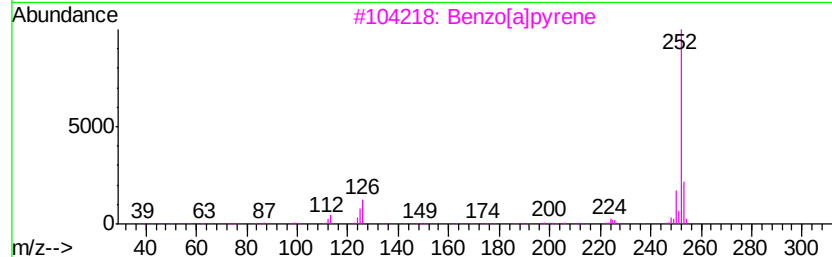
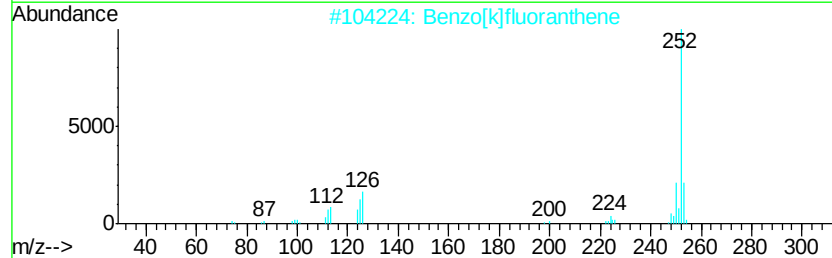
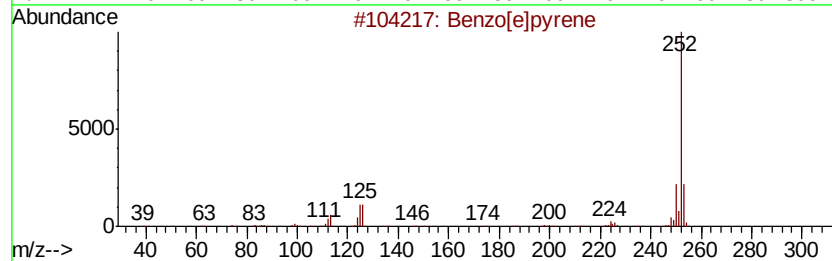
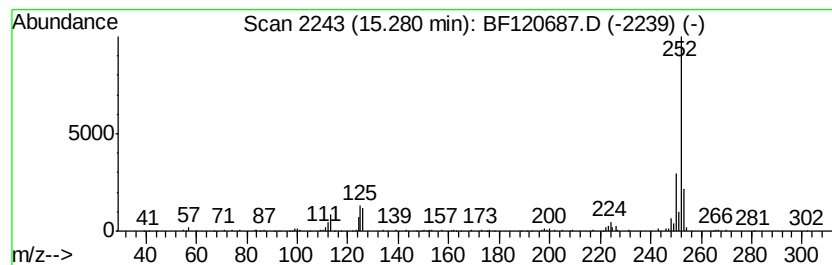
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 4 Benzo[e]pyrene Concentration Rank 4

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 15.28 | 2.65 ng | 163486 | Perylene-d12     | 15.40 |

| Hit# of | 5 | Tentative ID              | MW  | MolForm | CAS#        | Qual |
|---------|---|---------------------------|-----|---------|-------------|------|
| 1       |   | Benzo[e]pyrene            | 252 | C20H12  | 000192-97-2 | 98   |
| 2       |   | Benzo[k]fluoranthene      | 252 | C20H12  | 000207-08-9 | 96   |
| 3       |   | Benzo[a]pyrene            | 252 | C20H12  | 000050-32-8 | 94   |
| 4       |   | Benzo[e]acephenanthrylene | 252 | C20H12  | 000205-99-2 | 93   |
| 5       |   | Perylene                  | 252 | C20H12  | 000198-55-0 | 93   |



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

| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |         |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|---------|------|
|                      |       |         |       |          | #                     | RT    | Resp    | Conc |
| 2,4,7,9-Tetrameth... | 9.27  | 5.3     | ng    | 275874   | 3                     | 9.83  | 1030550 | 20.0 |
| Trifluoroacetoxy ... | 13.81 | 5.2     | ng    | 367925   | 5                     | 13.96 | 1404680 | 20.0 |
| Benzo[e]pyrene       | 15.28 | 2.6     | ng    | 163486   | 6                     | 15.40 | 1234210 | 20.0 |