

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_G\DATA\BG040419\  
 Data File : BG040374.D  
 Acq On : 5 Apr 2019 00:39  
 Operator : JU/SJ  
 Sample : K2240-06  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SB-02-(13.5-14)

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\_G\METHODS\8270-BG032719.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         | 5.603       | 421           | 428         | 444          | rBV      | 1064985        | 1742141       | 47.98%          | 7.814%        |
| 2         | 7.201       | 692           | 700         | 713          | rBV      | 1100660        | 1909868       | 52.60%          | 8.567%        |
| 3         | 7.577       | 756           | 764         | 777          | rBV      | 1065330        | 1852844       | 51.03%          | 8.311%        |
| 4         | 8.047       | 836           | 844         | 858          | rVB      | 215023         | 386881        | 10.66%          | 1.735%        |
| 5         | 8.365       | 890           | 898         | 909          | rBV      | 761818         | 1356846       | 37.37%          | 6.086%        |
| 6         | 9.222       | 1035          | 1044        | 1055         | rBV      | 642185         | 1159869       | 31.94%          | 5.202%        |
| 7         | 10.862      | 1313          | 1323        | 1337         | rBV      | 269594         | 505678        | 13.93%          | 2.268%        |
| 8         | 13.300      | 1730          | 1738        | 1749         | rBV      | 1512924        | 2415527       | 66.53%          | 10.835%       |
| 9         | 14.122      | 1872          | 1878        | 1886         | rBV      | 153700         | 236491        | 6.51%           | 1.061%        |
| 10        | 14.675      | 1965          | 1972        | 1983         | rBV2     | 434174         | 706454        | 19.46%          | 3.169%        |
| 11        | 16.167      | 2218          | 2226        | 2241         | rBV      | 1238929        | 1986833       | 54.72%          | 8.912%        |
| 12        | 16.373      | 2255          | 2261        | 2270         | rVB2     | 37685          | 71755         | 1.98%           | 0.322%        |
| 13        | 17.424      | 2430          | 2440        | 2451         | rBV      | 566822         | 889617        | 24.50%          | 3.990%        |
| 14        | 18.282      | 2581          | 2586        | 2594         | rBV2     | 28259          | 56125         | 1.55%           | 0.252%        |
| 15        | 20.021      | 2876          | 2882        | 2893         | rBV      | 2702374        | 3630833       | 100.00%         | 16.286%       |
| 16        | 20.292      | 2922          | 2928        | 2937         | rVB3     | 23343          | 39435         | 1.09%           | 0.177%        |
| 17        | 20.785      | 3009          | 3012        | 3016         | rBV2     | 37740          | 43690         | 1.20%           | 0.196%        |
| 18        | 21.291      | 3093          | 3098        | 3115         | rBV      | 226085         | 407337        | 11.22%          | 1.827%        |
| 19        | 21.690      | 3159          | 3166        | 3176         | rBV2     | 660732         | 1122731       | 30.92%          | 5.036%        |
| 20        | 21.837      | 3186          | 3191        | 3199         | rVB      | 53431          | 82059         | 2.26%           | 0.368%        |
| 21        | 22.442      | 3289          | 3294        | 3302         | rBV      | 58626          | 97837         | 2.69%           | 0.439%        |
| 22        | 23.135      | 3407          | 3412        | 3420         | rVB2     | 57270          | 112837        | 3.11%           | 0.506%        |
| 23        | 23.946      | 3544          | 3550        | 3559         | rVB2     | 54263          | 116938        | 3.22%           | 0.525%        |
| 24        | 24.892      | 3703          | 3711        | 3716         | rBV3     | 43924          | 123467        | 3.40%           | 0.554%        |
| 25        | 24.969      | 3716          | 3724        | 3742         | rVB2     | 359305         | 1118813       | 30.81%          | 5.018%        |
| 26        | 26.038      | 3898          | 3906        | 3913         | rBV4     | 30837          | 81739         | 2.25%           | 0.367%        |
| 27        | 27.395      | 4131          | 4137        | 4144         | rBV7     | 13854          | 39869         | 1.10%           | 0.179%        |

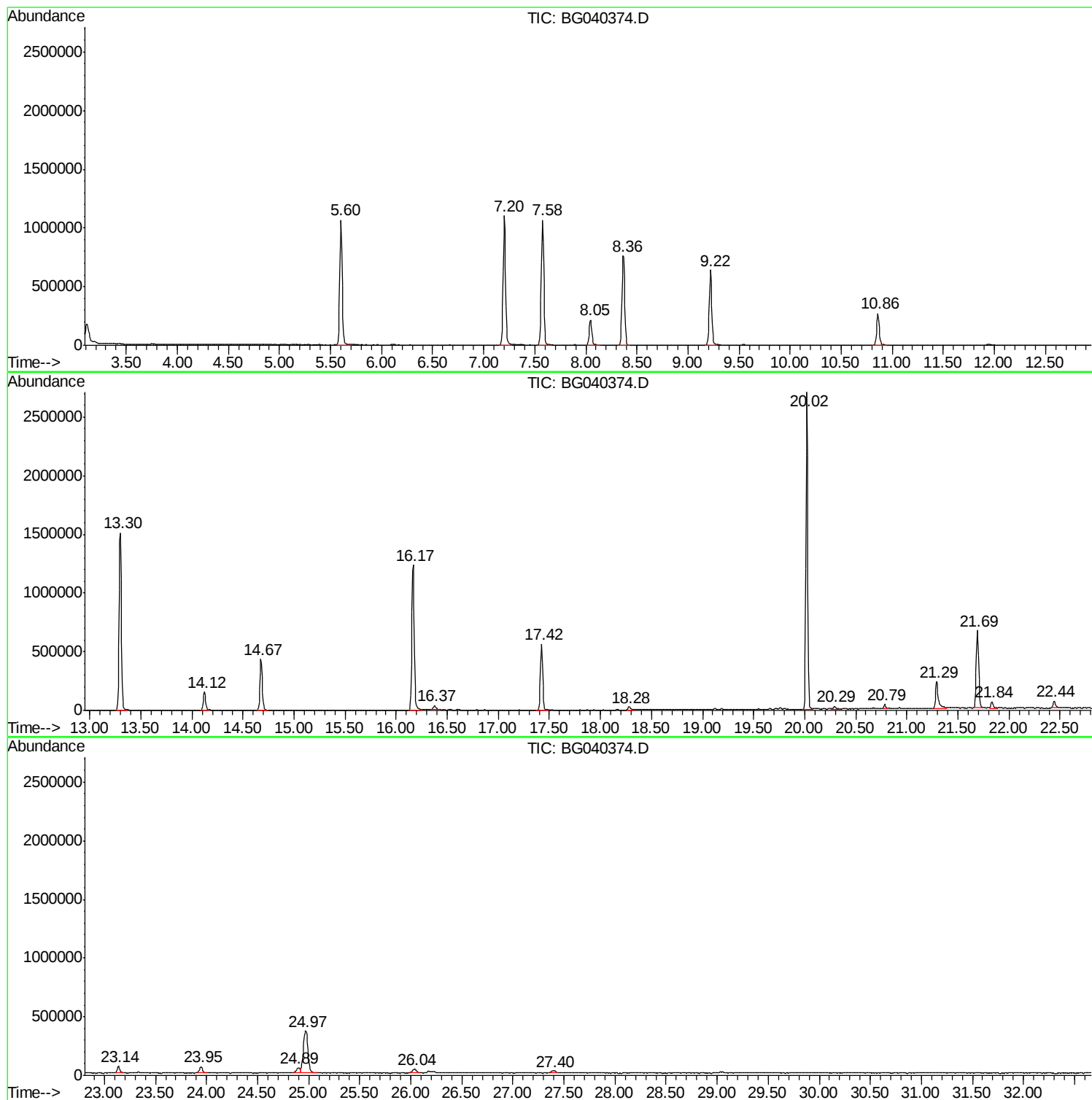
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Instrument :  
BNA\_G  
ClientSampleId :  
SB-02-(13.5-14)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG032719.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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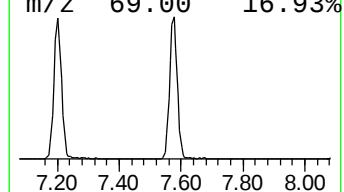
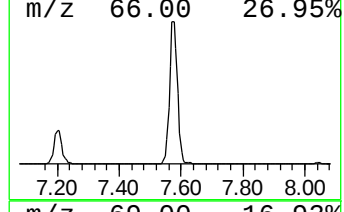
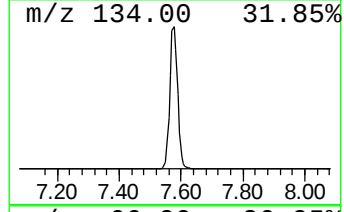
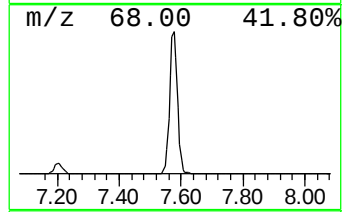
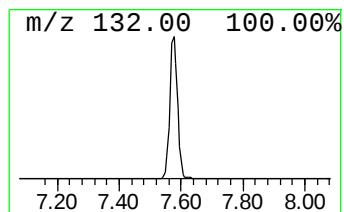
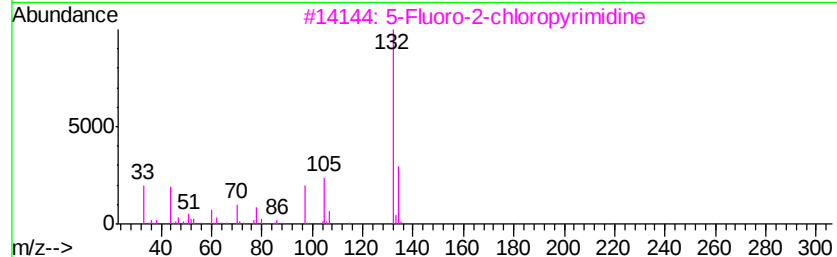
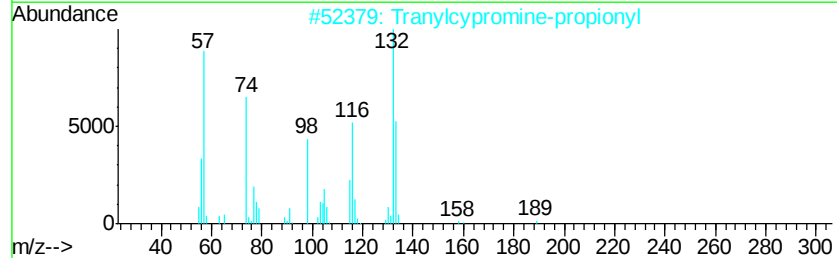
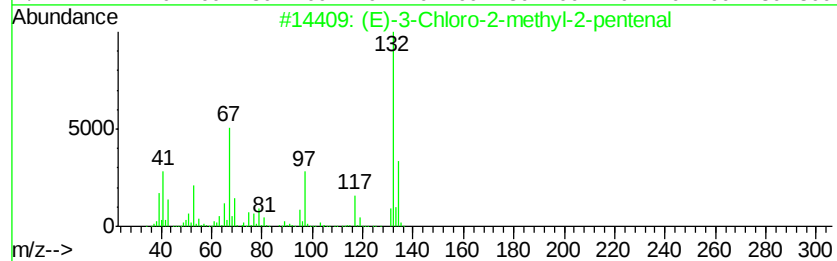
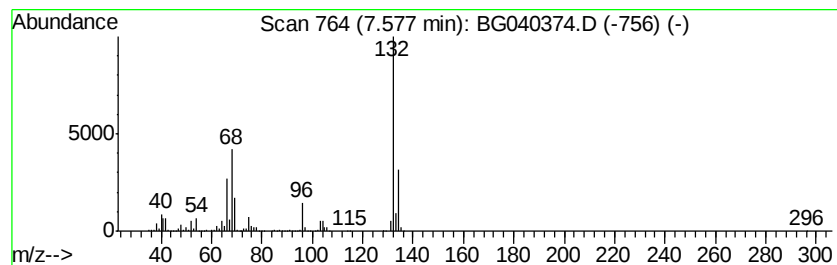
TIC Library : C:\Database\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 unknown7.58 Concentration Rank 1

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 7.58 | 95.78 ng | 1852840 | 1,4-Dichlorobenzene-d4 | 8.05 |

| Hit# | of | Tentative ID                     | MW  | MolForm   | CAS#         | Qual |
|------|----|----------------------------------|-----|-----------|--------------|------|
| 1    | 5  | (E)-3-Chloro-2-methyl-2-pentenal | 132 | C6H9ClO   | 031357-76-3  | 16   |
| 2    |    | Tranylcypromine-propionyl        | 189 | C12H15NO  | 1000123-86-3 | 12   |
| 3    |    | 5-Fluoro-2-chloropyrimidine      | 132 | C4H2ClFN2 | 062802-42-0  | 12   |
| 4    |    | 4-Chloro-2-fluoro-pyrimidine     | 132 | C4H2ClFN2 | 051422-00-5  | 9    |
| 5    |    | Xenon                            | 132 | Xe        | 007440-63-3  | 9    |



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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG032719.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

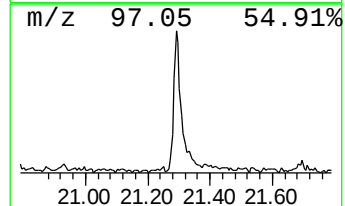
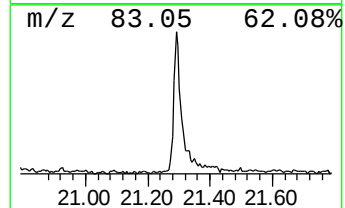
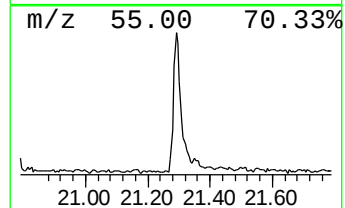
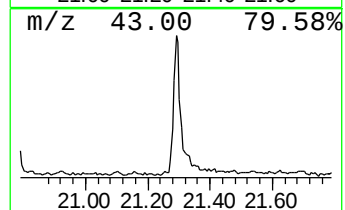
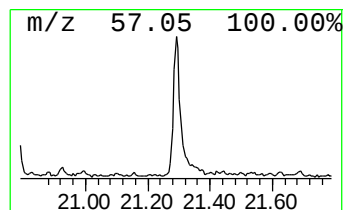
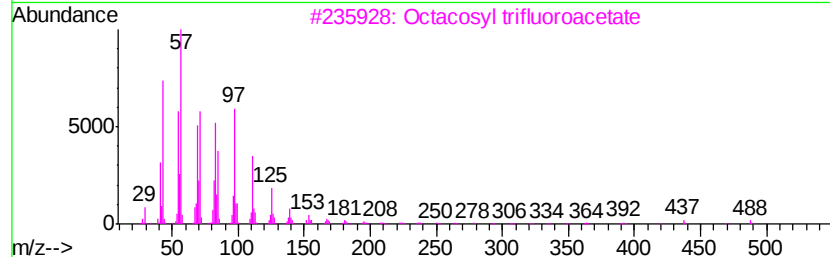
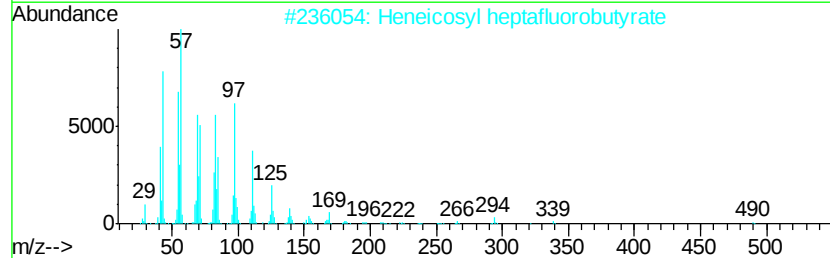
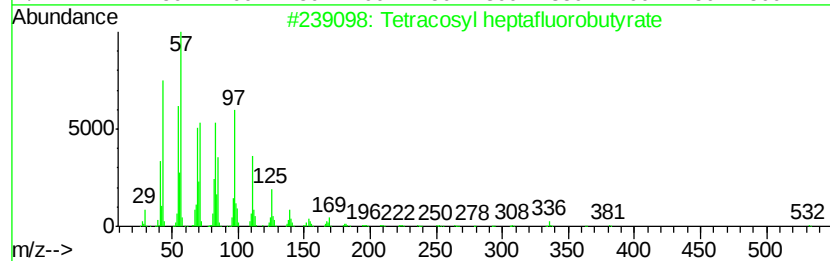
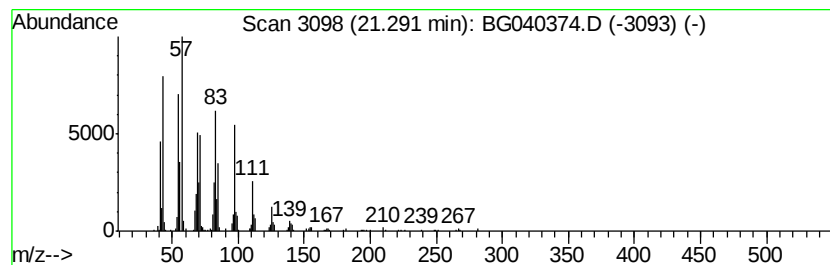
TIC Library : C:\Database\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 3 Tetracosyl heptafluorobutyrate Concentration Rank 3

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 21.29 | 7.26 ng | 407337 | Chrysene-d12     | 21.69 |

| Hit# | of | Tentative ID                        | MW  | MolForm    | CAS#         | Qual |
|------|----|-------------------------------------|-----|------------|--------------|------|
| 1    | 5  | Tetracosyl heptafluorobutyrate      | 550 | C28H49F7O2 | 1000351-83-7 | 91   |
| 2    |    | Heneicosyl heptafluorobutyrate      | 508 | C25H43F7O2 | 1000351-83-8 | 91   |
| 3    |    | Octacosyl trifluoroacetate          | 506 | C30H57F3O2 | 1000351-74-9 | 91   |
| 4    |    | Tricosyl heptafluorobutyrate        | 536 | C27H47F7O2 | 1000351-83-4 | 91   |
| 5    |    | Heptafluorobutyric acid, n-octad... | 466 | C22H37F7O2 | 000400-57-7  | 91   |



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ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
SB-02-(13.5-14)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG032719.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

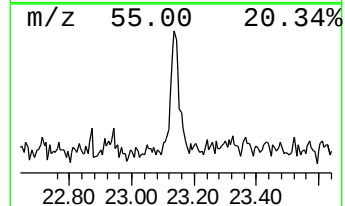
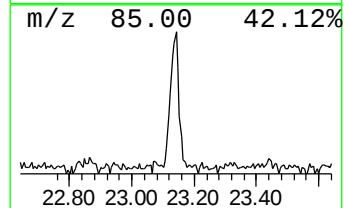
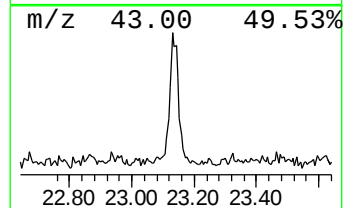
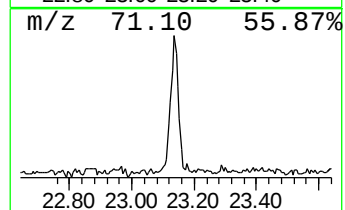
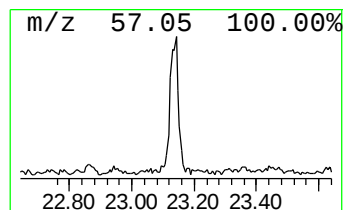
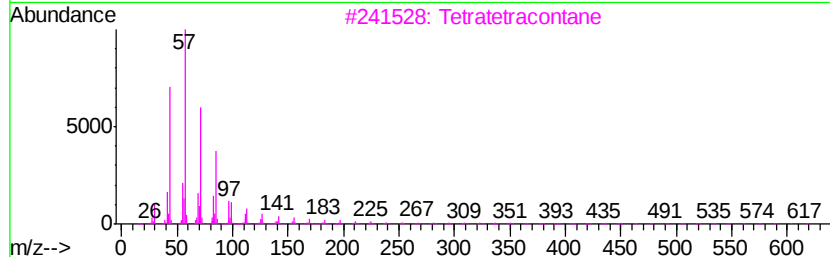
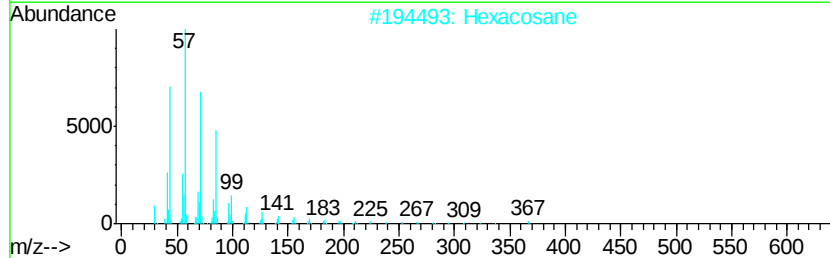
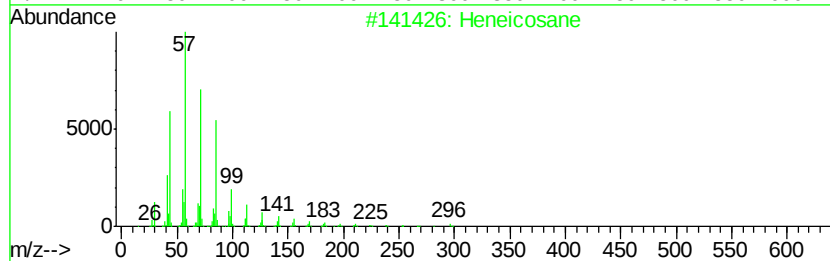
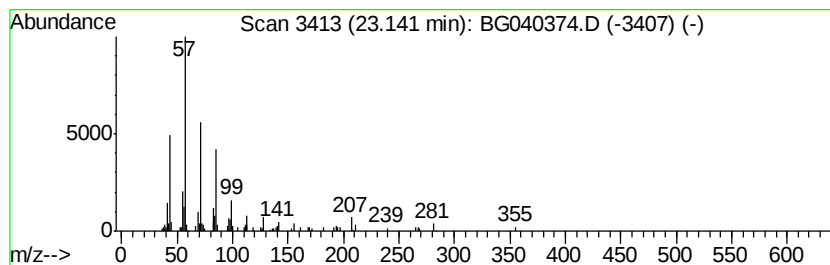
TIC Library : C:\Database\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 4 Heneicosane Concentration Rank 6

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 23.14 | 2.01 ng | 112837 | Chrysene-d12     | 21.69 |

| Hit# of | 5                 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|---------|-------------------|--------------|-----|---------|-------------|------|
| 1       | Heneicosane       |              | 296 | C21H44  | 000629-94-7 | 91   |
| 2       | Hexacosane        |              | 366 | C26H54  | 000630-01-3 | 90   |
| 3       | Tetratetracontane |              | 619 | C44H90  | 007098-22-8 | 87   |
| 4       | Heptacosane       |              | 380 | C27H56  | 000593-49-7 | 87   |
| 5       | Tetracosane       |              | 338 | C24H50  | 000646-31-1 | 87   |



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Instrument :  
BNA\_G  
ClientSampleId :  
SB-02-(13.5-14)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG032719.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

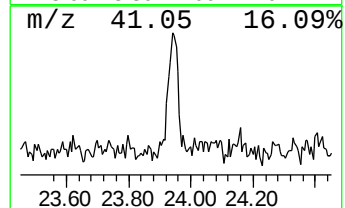
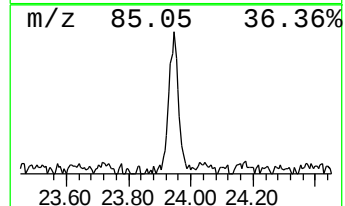
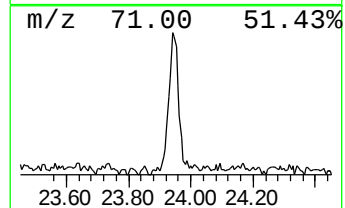
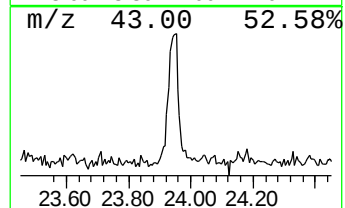
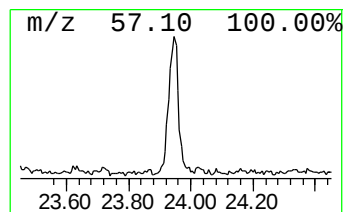
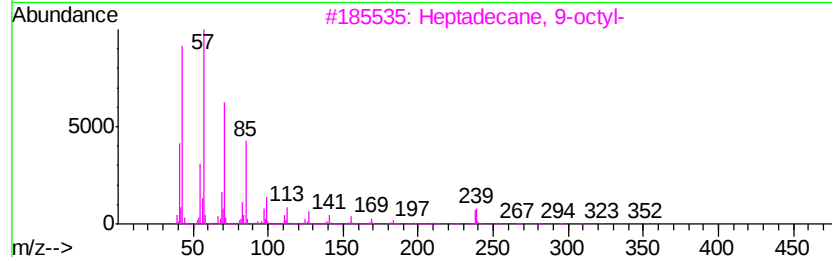
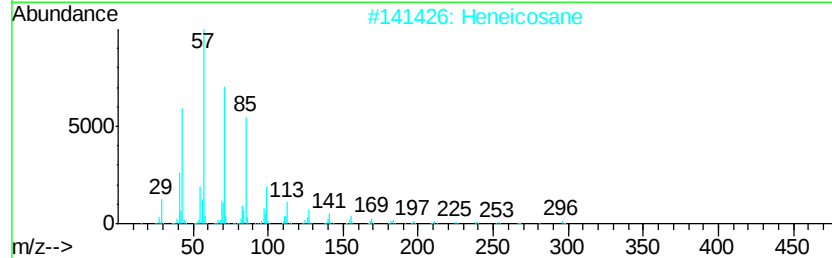
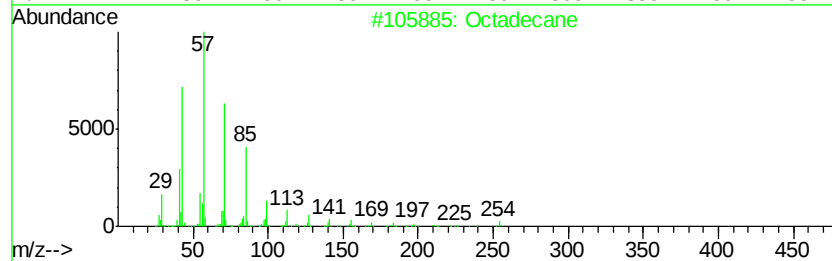
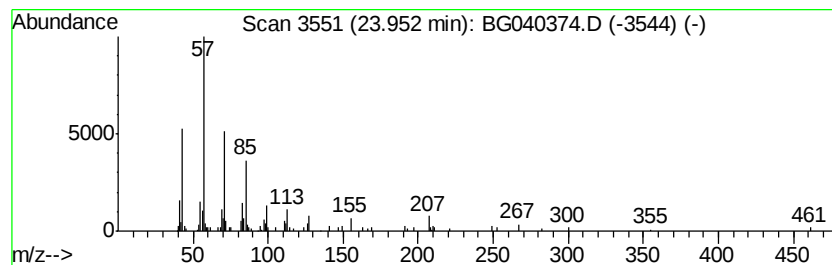
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TIC Integration Parameters: LSCINT.P

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Peak Number 5 Octadecane Concentration Rank 5

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 23.95 | 2.09 ng | 116938 | Perylene-d12     | 24.97 |

| Hit# | of | Tentative ID          | MW  | MolForm | CAS#        | Qual |
|------|----|-----------------------|-----|---------|-------------|------|
| 1    | 5  | Octadecane            | 254 | C18H38  | 000593-45-3 | 87   |
| 2    |    | Heneicosane           | 296 | C21H44  | 000629-94-7 | 87   |
| 3    |    | Heptadecane, 9-octyl- | 352 | C25H52  | 007225-64-1 | 87   |
| 4    |    | Triacontane           | 422 | C30H62  | 000638-68-6 | 87   |
| 5    |    | Tetracosane           | 338 | C24H50  | 000646-31-1 | 87   |



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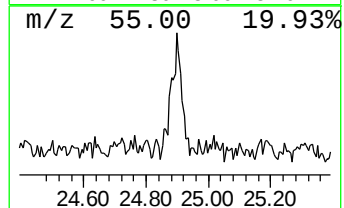
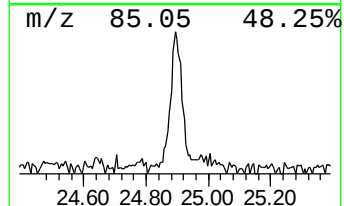
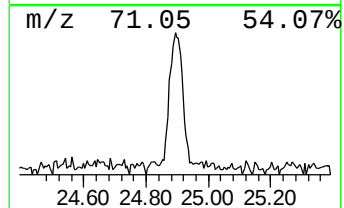
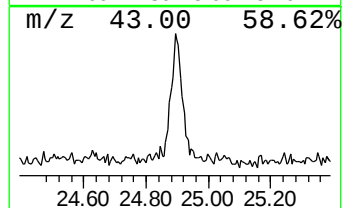
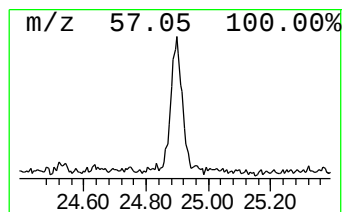
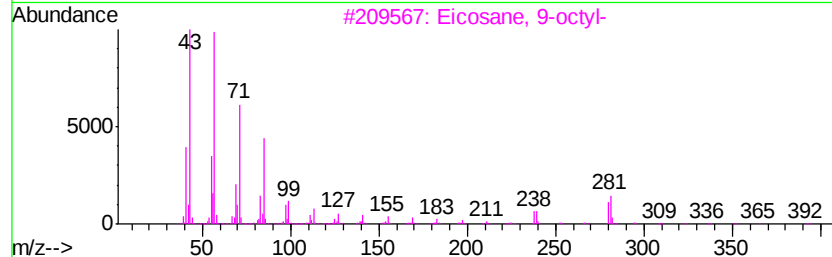
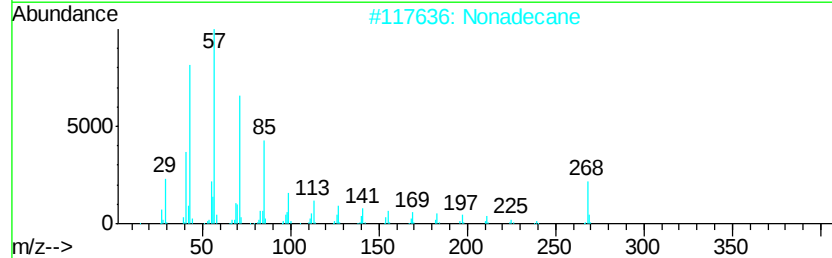
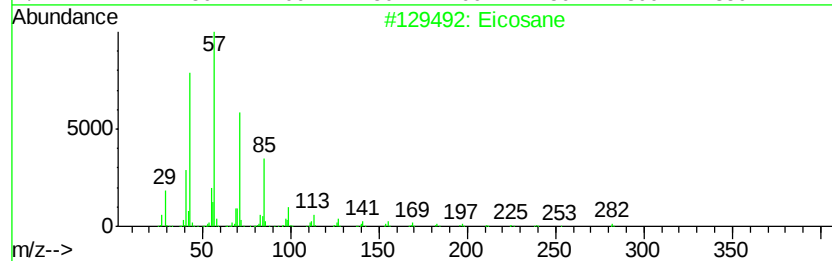
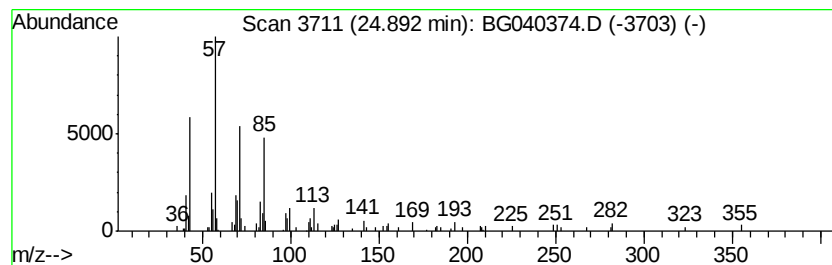
Instrument :  
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SB-02-(13.5-14)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG032719.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 6 Eicosane Concentration Rank 4

| R.T.    | EstConc                          | Area         | Relative to ISTD | R.T.      |
|---------|----------------------------------|--------------|------------------|-----------|
| 24.89   | 2.21 ng                          | 123467       | Perylene-d12     | 24.97     |
| Hit# of | 5                                | Tentative ID | MW MolForm       | CAS# Qual |
| 1       | Eicosane                         | 282 C20H42   | 000112-95-8      | 97        |
| 2       | Nonadecane                       | 268 C19H40   | 000629-92-5      | 90        |
| 3       | Eicosane, 9-octyl-               | 394 C28H58   | 013475-77-9      | 90        |
| 4       | Heneicosane, 11-(1-ethylpropyl)- | 366 C26H54   | 055282-11-6      | 87        |
| 5       | Tridecanol, 2-ethyl-2-methyl-    | 242 C16H34O  | 1000115-66-1     | 87        |



Data Path : Z:\SVOASRV\HPCHEM1\BNA\_G\DATA\BG040419\  
Data File : BG040374.D  
Acq On : 5 Apr 2019 00:39  
Operator : JU/SJ  
Sample : K2240-06  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
SB-02-(13.5-14)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG032719.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 |
| unknown7.58          | 7.58  | 95.8    | ng    | 1852840  | 1                     | 8.05  | 386881  | 20.0 |
| Tetracosyl heptaf... | 21.29 | 7.3     | ng    | 407337   | 5                     | 21.69 | 1122730 | 20.0 |
| Heneicosane          | 23.14 | 2.0     | ng    | 112837   | 5                     | 21.69 | 1122730 | 20.0 |
| Octadecane           | 23.95 | 2.1     | ng    | 116938   | 6                     | 24.97 | 1118810 | 20.0 |
| Eicosane             | 24.89 | 2.2     | ng    | 123467   | 6                     | 24.97 | 1118810 | 20.0 |