

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG072022\  
 Data File : BG054330.D  
 Acq On : 20 Jul 2022 16:41  
 Operator : CG/JU  
 Sample : N3771-03  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 MW-9F

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\_G\Methods\8270-BG071522.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG054330.D\data.ms

| 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         | 5.563       | 363           | 370         | 379          | rVB      | 119715         | 199950        | 8.59%           | 2.834%        |
| 2         | 7.162       | 636           | 642         | 654          | rVB      | 74275          | 133936        | 5.75%           | 1.898%        |
| 3         | 7.996       | 777           | 784         | 791          | rVB      | 52256          | 89862         | 3.86%           | 1.274%        |
| 4         | 9.159       | 974           | 982         | 991          | rVB      | 189472         | 351573        | 15.10%          | 4.983%        |
| 5         | 10.563      | 1215          | 1221        | 1233         | rBV      | 72820          | 124969        | 5.37%           | 1.771%        |
| 6         | 10.804      | 1254          | 1262        | 1268         | rBV2     | 68249          | 122527        | 5.26%           | 1.737%        |
| 7         | 13.254      | 1671          | 1679        | 1689         | rBB      | 642594         | 1007541       | 43.27%          | 14.280%       |
| 8         | 14.629      | 1906          | 1913        | 1920         | rVB      | 139843         | 218664        | 9.39%           | 3.099%        |
| 9         | 16.116      | 2159          | 2166        | 2177         | rBV2     | 711430         | 1139075       | 48.92%          | 16.145%       |
| 10        | 17.373      | 2372          | 2380        | 2388         | rBV      | 207949         | 321665        | 13.81%          | 4.559%        |
| 11        | 19.988      | 2818          | 2825        | 2834         | rVB      | 1717536        | 2328457       | 100.00%         | 33.003%       |
| 12        | 21.639      | 3100          | 3106        | 3116         | rVB      | 270767         | 447164        | 19.20%          | 6.338%        |
| 13        | 22.773      | 3286          | 3299        | 3308         | rBV10    | 22334          | 103004        | 4.42%           | 1.460%        |
| 14        | 24.841      | 3640          | 3651        | 3663         | rVB2     | 160797         | 466984        | 20.06%          | 6.619%        |

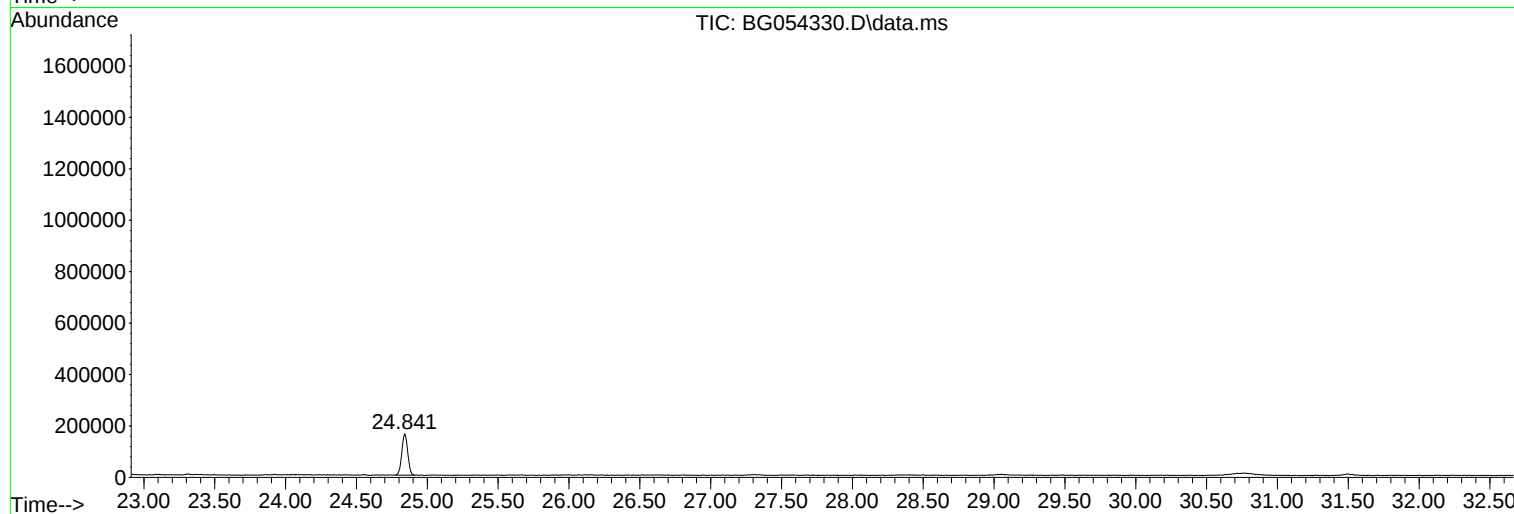
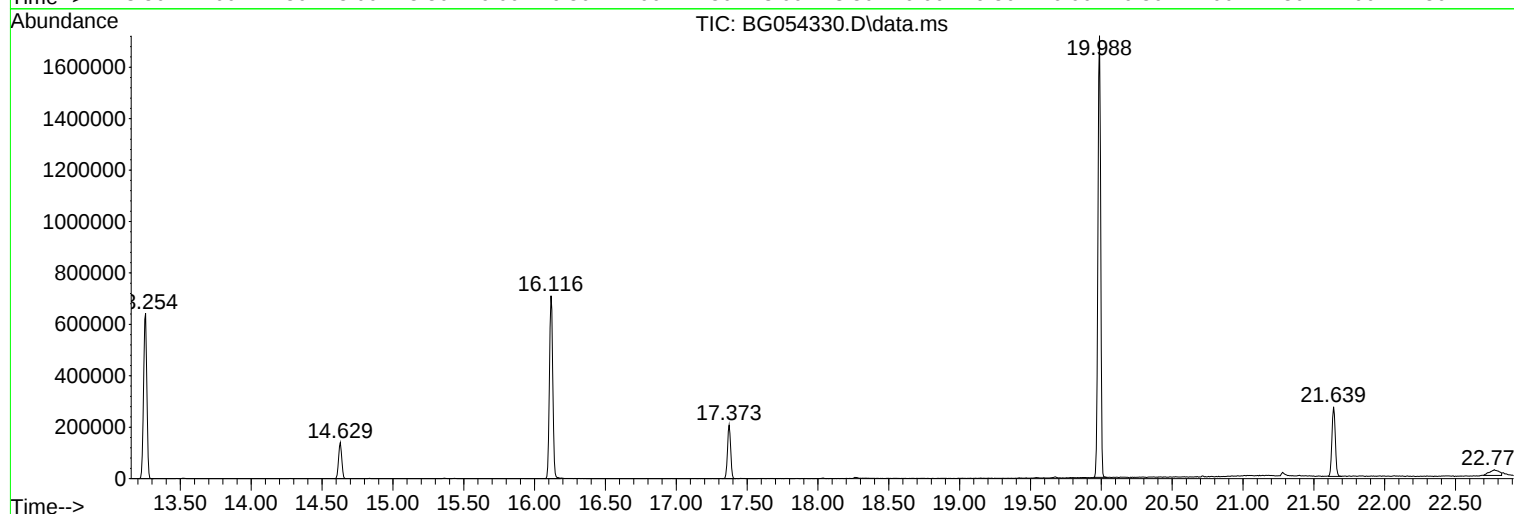
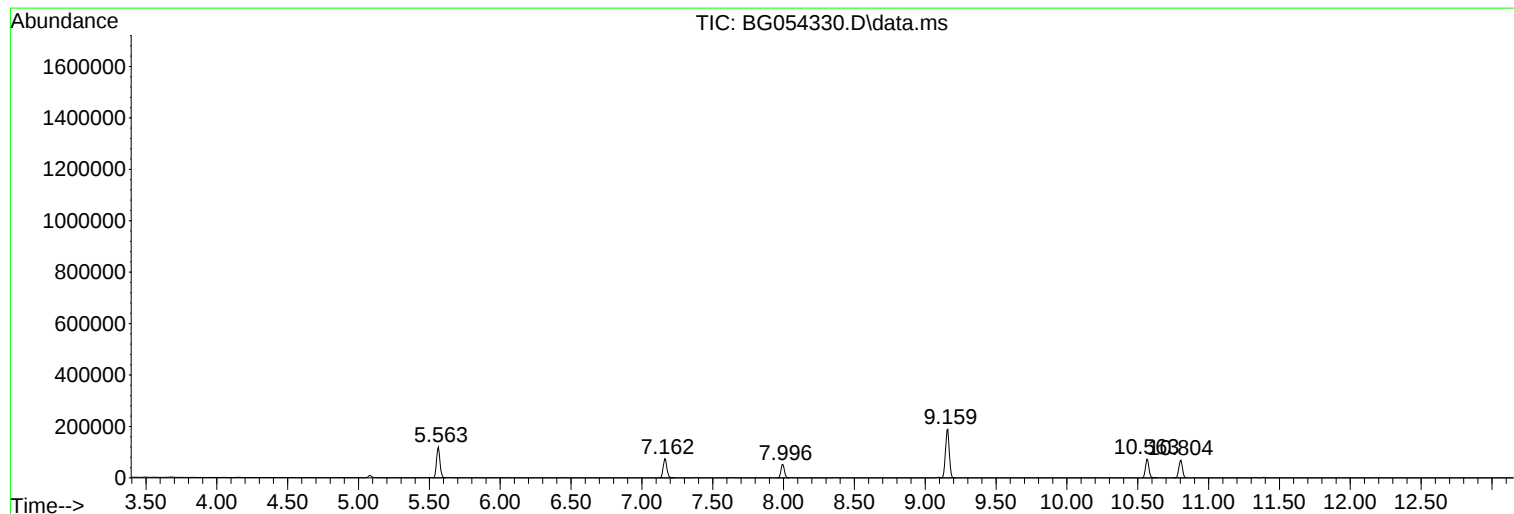
Sum of corrected areas: 7055371

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG072022\  
Data File : BG054330.D  
Acq On : 20 Jul 2022 16:41  
Operator : CG/JU  
Sample : N3771-03  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
MW-9F

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG071522.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG072022\  
Data File : BG054330.D  
Acq On : 20 Jul 2022 16:41  
Operator : CG/JU  
Sample : N3771-03  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
MW-9F

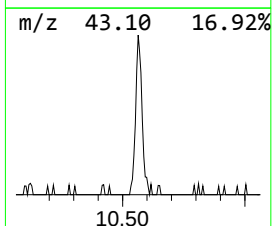
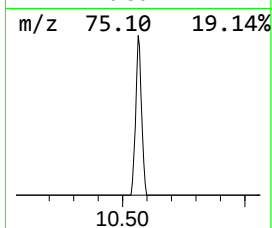
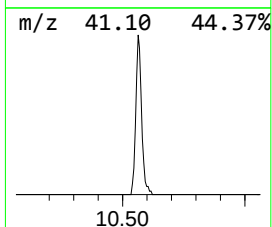
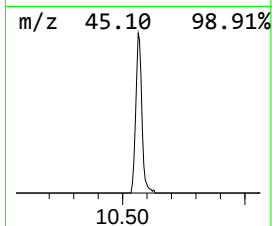
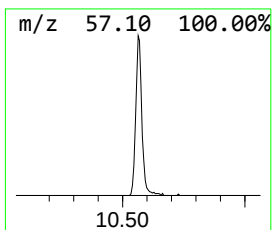
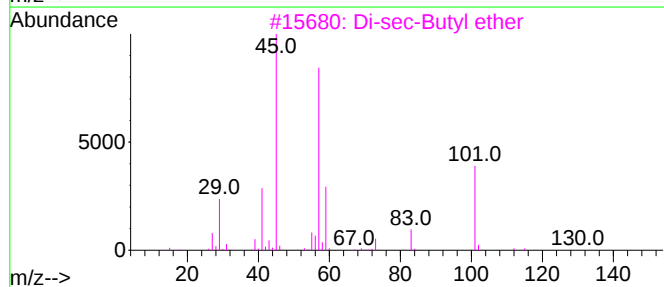
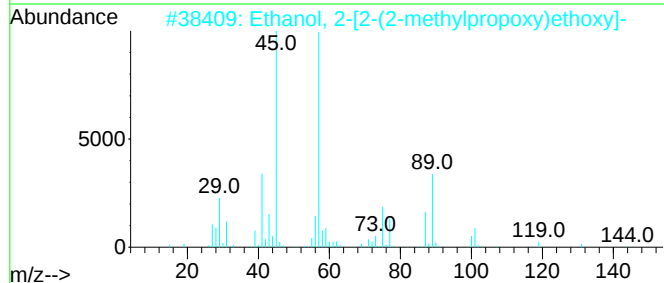
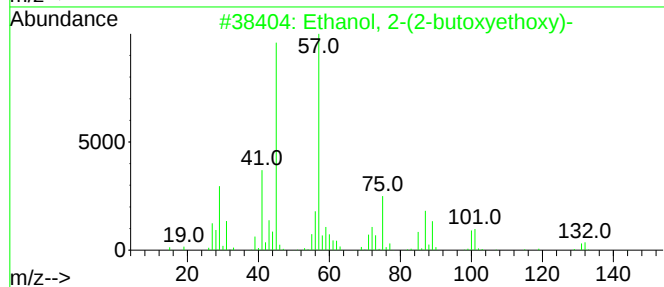
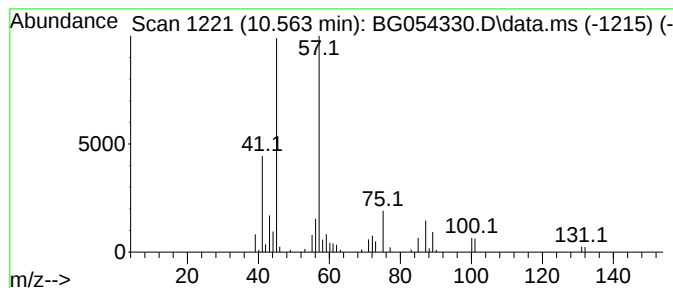
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG071522.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 1 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 1

| R.T.   | EstConc  | Area   | Relative to ISTD | R.T.   |
|--------|----------|--------|------------------|--------|
| 10.563 | 20.40 ng | 124969 | Naphthalene-d8   | 10.804 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Ethanol, 2-(2-butoxyethoxy)-        | 162 | C8H18O3 | 000112-34-5 | 90   |
| 2    |    |   | Ethanol, 2-[2-(2-methylpropoxy)e... | 162 | C8H18O3 | 018912-80-6 | 72   |
| 3    |    |   | Di-sec-Butyl ether                  | 130 | C8H18O  | 006863-58-7 | 50   |
| 4    |    |   | Butane, 1-(1-methylpropoxy)-        | 130 | C8H18O  | 000999-65-5 | 50   |
| 5    |    |   | Ethanol, 1-(2-butoxyethoxy)-        | 162 | C8H18O3 | 054446-78-5 | 47   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG072022\  
Data File : BG054330.D  
Acq On : 20 Jul 2022 16:41  
Operator : CG/JU  
Sample : N3771-03  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
MW-9F

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG071522.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

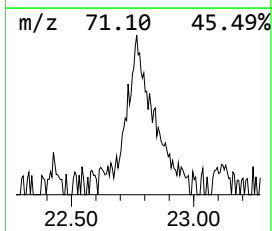
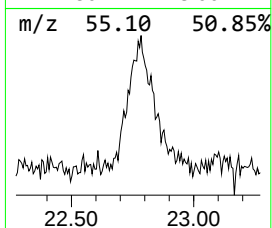
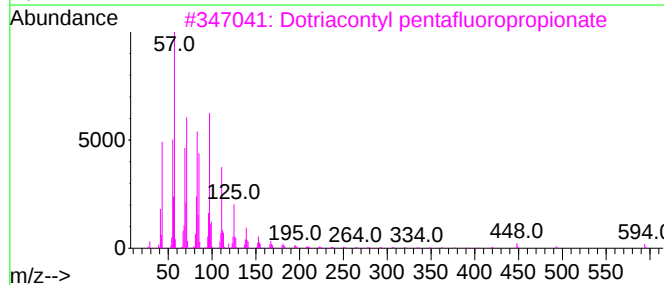
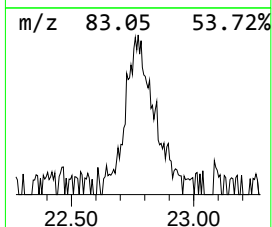
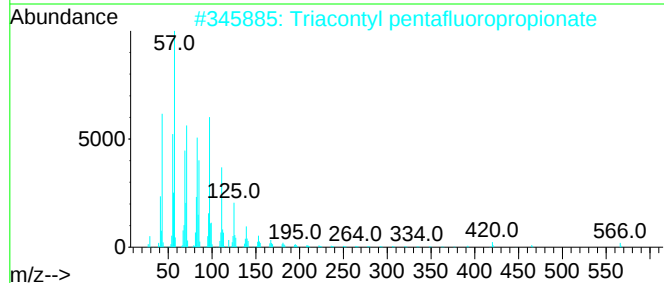
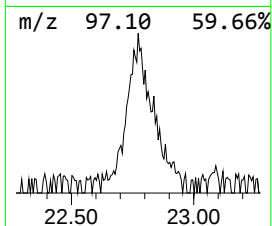
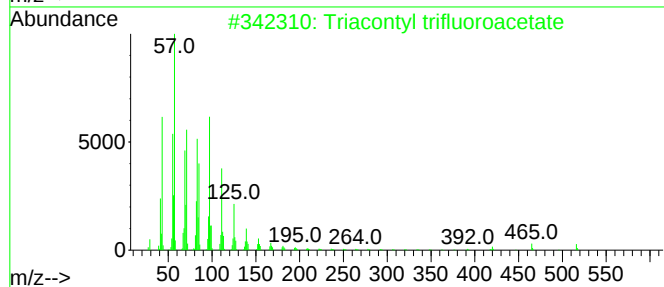
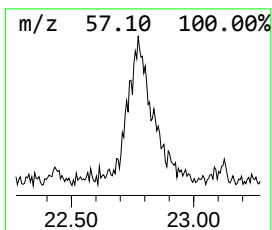
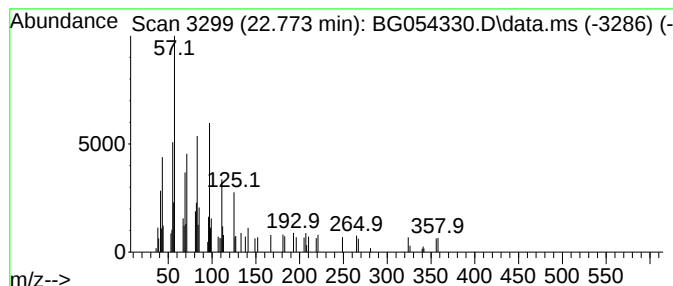
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*

Peak Number 2 Triacontyl trifluoroacetate Concentration Rank 2

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 22.773 | 4.61 ng | 103004 | Chrysene-d12     | 21.639 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm    | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|------------|--------------|------|
| 1    |    |   | Triacontyl trifluoroacetate         | 534 | C32H61F3O2 | 1000351-75-7 | 64   |
| 2    |    |   | Triacontyl pentafluoropropionate    | 584 | C33H61F5O2 | 1000351-80-0 | 64   |
| 3    |    |   | Dotriacontyl pentafluoropropionate  | 612 | C35H65F5O2 | 1010351-81-4 | 64   |
| 4    |    |   | Dotriacontyl heptafluorobutyrate    | 662 | C36H65F7O2 | 1000351-84-2 | 64   |
| 5    |    |   | Oxalic acid, isobutyl hexadecyl ... | 370 | C22H42O4   | 1000309-38-1 | 64   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG072022\  
Data File : BG054330.D  
Acq On : 20 Jul 2022 16:41  
Operator : CG/JU  
Sample : N3771-03  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
MW-9F

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG071522.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |        |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|--------|------|
|                    |        |         |       |          | #                     | RT     | Resp   | Conc |
| Ethanol, 2-(2-b... | 10.563 | 20.4    | ng    | 124969   | 2                     | 10.804 | 122527 | 20.0 |
| Triacetyl trif...  | 22.773 | 4.6     | ng    | 103004   | 5                     | 21.639 | 447164 | 20.0 |