LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012621\
Data File : BG048018.D
Acq On : 26 Jan 2021 22:36
Operator : CG/JU
Sample : M1220-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** SP1-A

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-BG012521.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG048018.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.804 | 74 | 79 | 89 | rBV | 53938 | 93832 | 3.71% | 0.763% |
| 2 | 5.684 | 392 | 399 | 411 | rBV | 556086 | 951475 | 37.65% | 7.733% |
| 3 | 6.425 | 520 | 525 | 531 | rBV2 | 15259 | 26025 | 1.03% | 0.212% |
| 4 | 7.277 | 662 | 670 | 680 | rBV | 589744 | 997522 | 39.48% | 8.107% |
| 5 | 8.129 | 809 | 815 | 822 | rBV | 140798 | 238492 | 9.44% | 1.938% |
| 6 | 9.292 | 1000 | 1013 | 1021 | rBV | 315313 | 553332 | 21.90% | 4.497% |
| 7 | 10.943 | 1284 | 1294 | 1301 | rBV | 205279 | 362120 | 14.33% | 2.943% |
| 8 | 13.375 | 1701 | 1708 | 1717 | rBV | 934294 | 1442650 | 57.09% | 11.725% |
| 9 | 14.192 | 1842 | 1847 | 1852 | rBV | 45500 | 68136 | 2.70% | 0.554% |
| 10 | 14.750 | 1929 | 1942 | 1950 | rBV | 393714 | 627382 | 24.83% | 5.099% |
| 11 | 16.237 | 2187 | 2195 | 2212 | rBV | 271137 | 667581 | 26.42% | 5.426% |
| 12 | 17.494 | 2403 | 2409 | 2415 | rBV | 539959 | 831823 | 32.92% | 6.761% |
| 13 | 19.533 | 2752 | 2756 | 2762 | rVB2 | 45013 | 69774 | 2.76% | 0.567% |
| 14 | 19.897 | 2815 | 2818 | 2823 | rVB | 40430 | 57894 | 2.29% | 0.471% |
| 15 | 20.091 | 2845 | 2851 | 2857 | rBV | 1925727 | 2526906 | 100.00% | 20.537% |
| 16 | 20.361 | 2894 | 2897 | 2900 | rBV5 | 18618 | 30381 | 1.20% | 0.247% |
| 17 | 21.401 | 3069 | 3074 | 3083 | rBV | 243619 | 399436 | 15.81% | 3.246% |
| 18 | 21.765 | 3129 | 3136 | 3142 | rBV2 | 564923 | 988308 | 39.11% | 8.032% |
| 19 | 21.971 | 3168 | 3171 | 3176 | rVB4 | 30143 | 41898 | 1.66% | 0.341% |
| 20 | 22.612 | 3274 | 3280 | 3293 | rBV2 | 145161 | 323934 | 12.82% | 2.633% |
| 21 | 24.139 | 3536 | 3540 | 3545 | rVB5 | 40614 | 67697 | 2.68% | 0.550% |
| 22 | 24.198 | 3545 | 3550 | 3555 | rBV8 | 26749 | 52245 | 2.07% | 0.425% |
| 23 | 25.056 | 3686 | 3696 | 3704 | rBV2 | 302907 | 885156 | 35.03% | 7.194% |

Sum of corrected areas: 12303999

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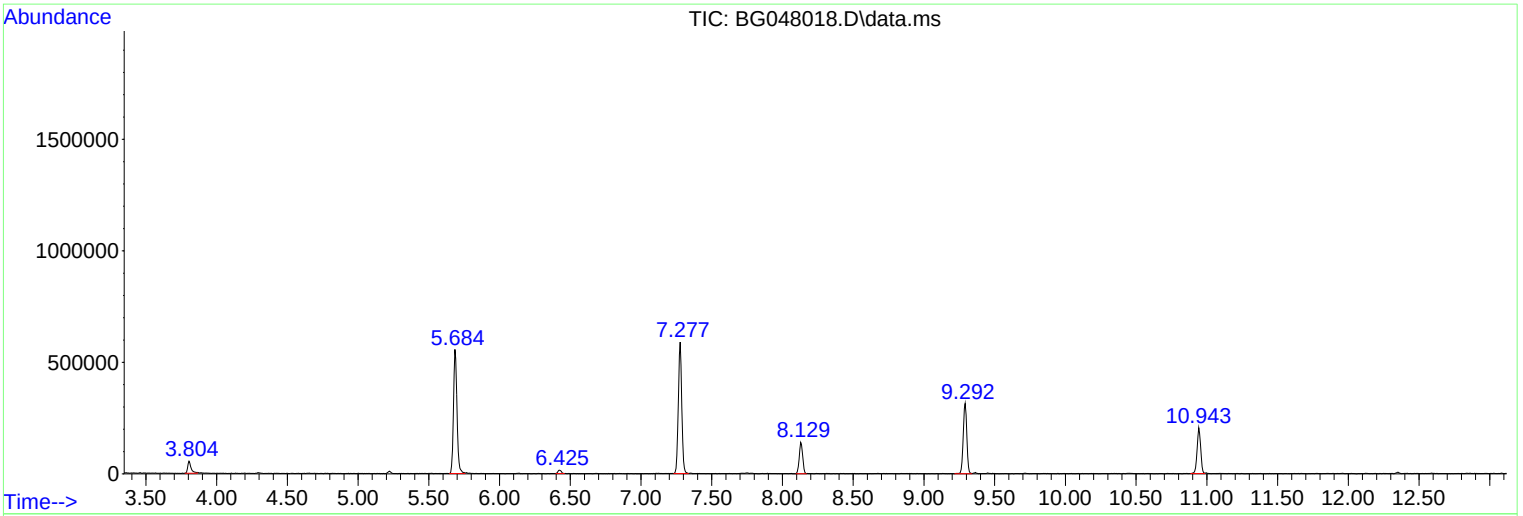
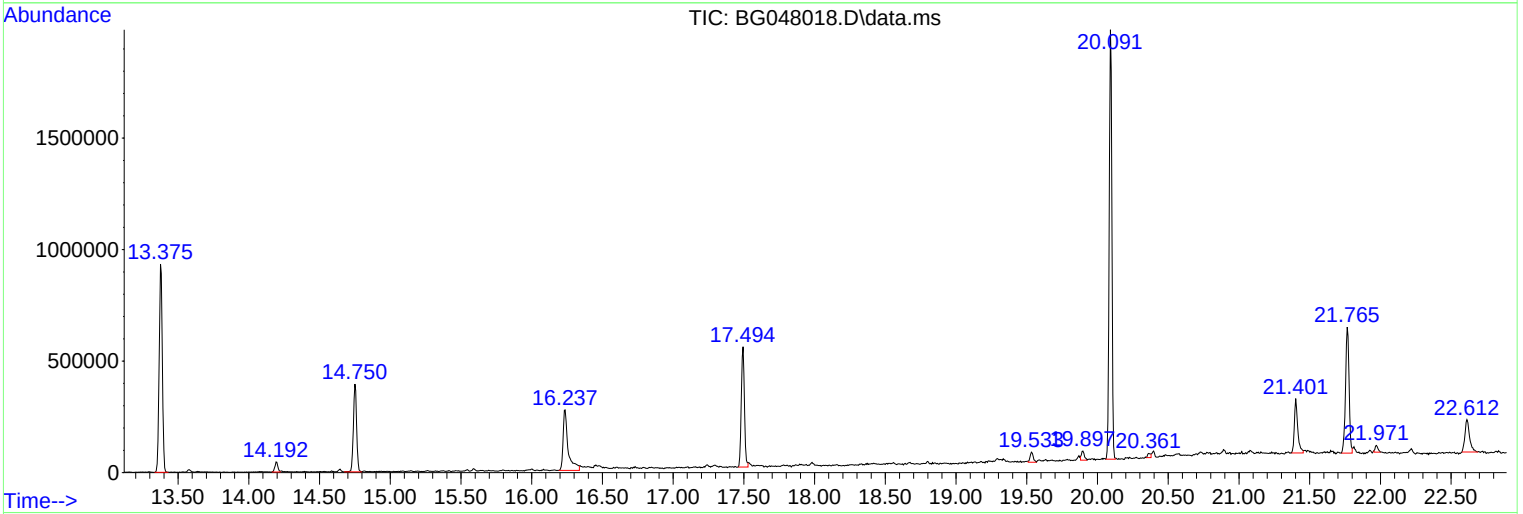
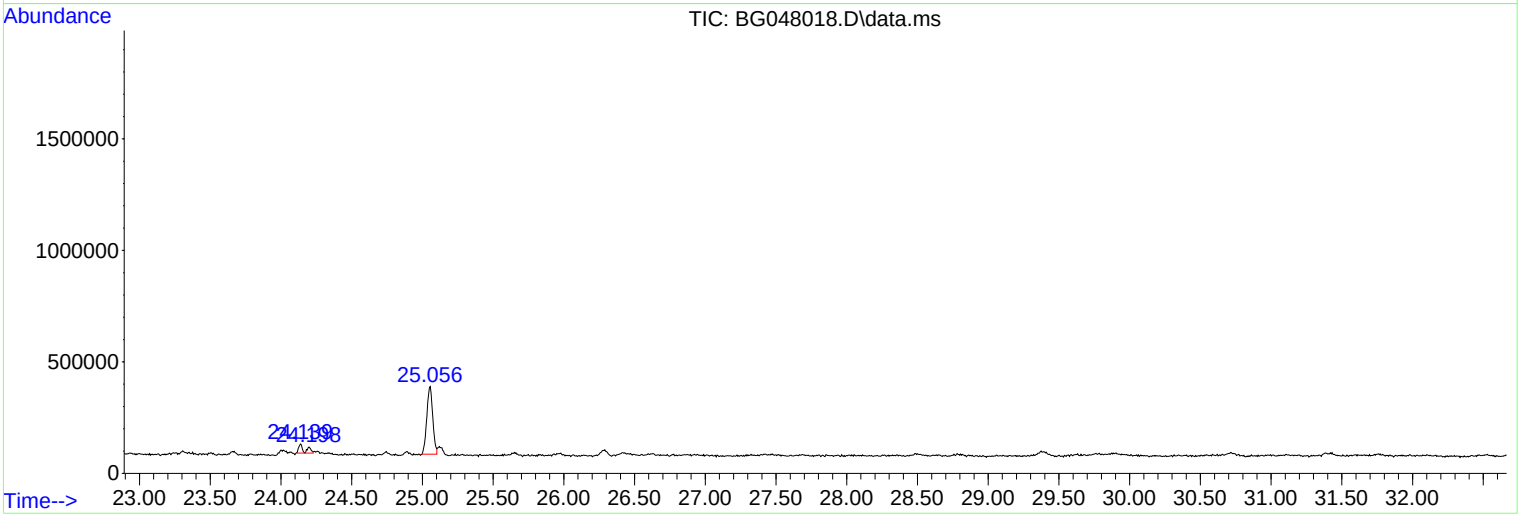
BNA_G
**ClientSampleId :**
SP1-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012521.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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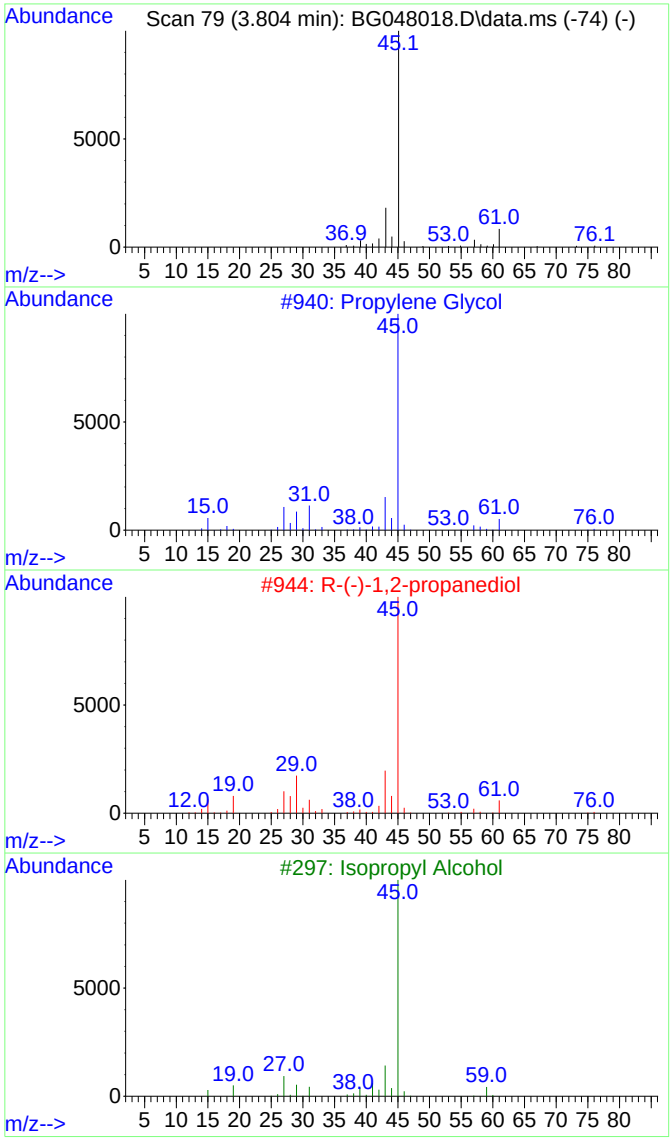
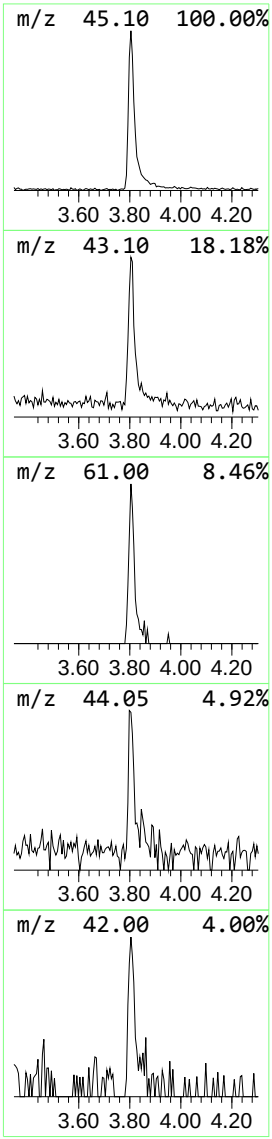
**********

Peak Number 1 Propylene Glycol Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 3.804 | 7.87 ng | 93832 | 1,4-Dichlorobenzene-d4 | 8.129 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Propylene Glycol | 76 | C3H8O2 | 000057-55-6 | 78 |
| 2 | R-(-)-1,2-propanediol | 76 | C3H8O2 | 004254-14-2 | 72 |
| 3 | Isopropyl Alcohol | 60 | C3H8O | 000067-63-0 | 39 |
| 4 | (S)-(+)-1,2-Propanediol | 76 | C3H8O2 | 004254-15-3 | 12 |
| 5 | Formamide | 45 | CH3NO | 000075-12-7 | 7 |



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Sample : M1220-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** SP1-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012521.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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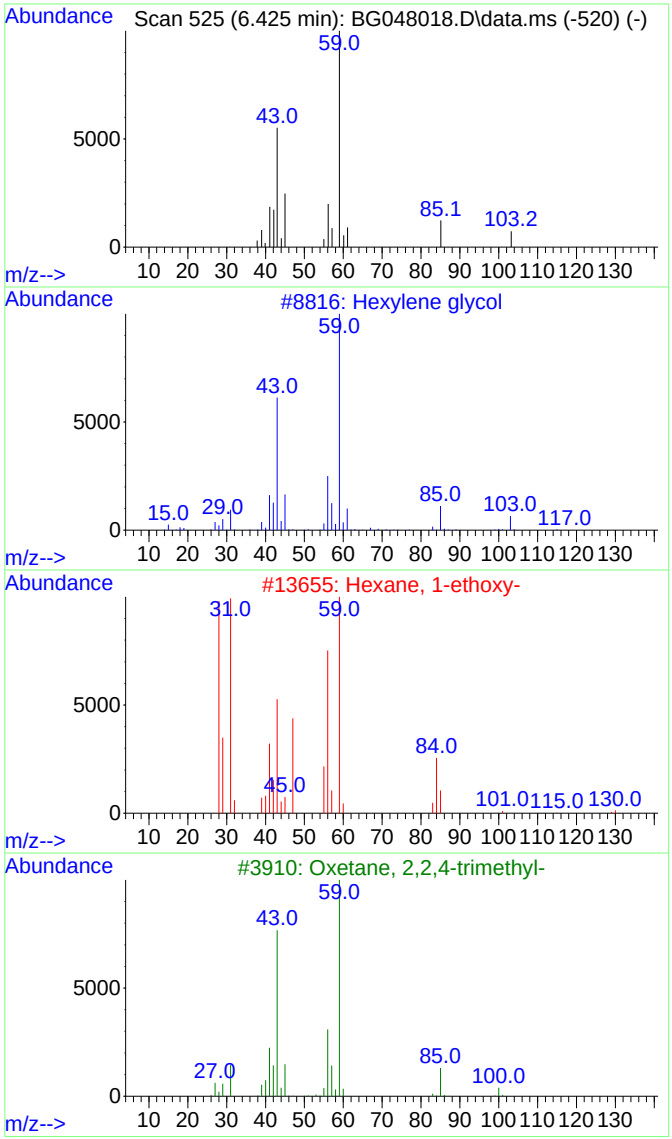
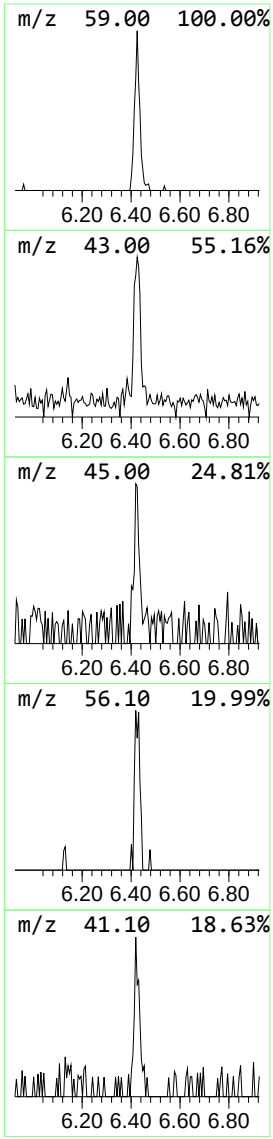
Peak Number 2 Hexylene glycol Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.425 | 2.18 ng | 26025 | 1,4-Dichlorobenzene-d4 | 8.129 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexylene glycol | 118 | C6H14O2 | 000107-41-5 | 86 |
| 2 | Hexane, 1-ethoxy- | 130 | C8H18O | 005756-43-4 | 40 |
| 3 | Oxetane, 2,2,4-trimethyl- | 100 | C6H12O | 023120-44-7 | 38 |
| 4 | Acetic acid, ethoxy-, 1-methylet... | 146 | C7H14O3 | 054063-13-7 | 36 |
| 5 | 1-Propanol, 2,2'-oxybis- | 134 | C6H14O3 | 000108-61-2 | 36 |



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Sample : M1220-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
SP1-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012521.M
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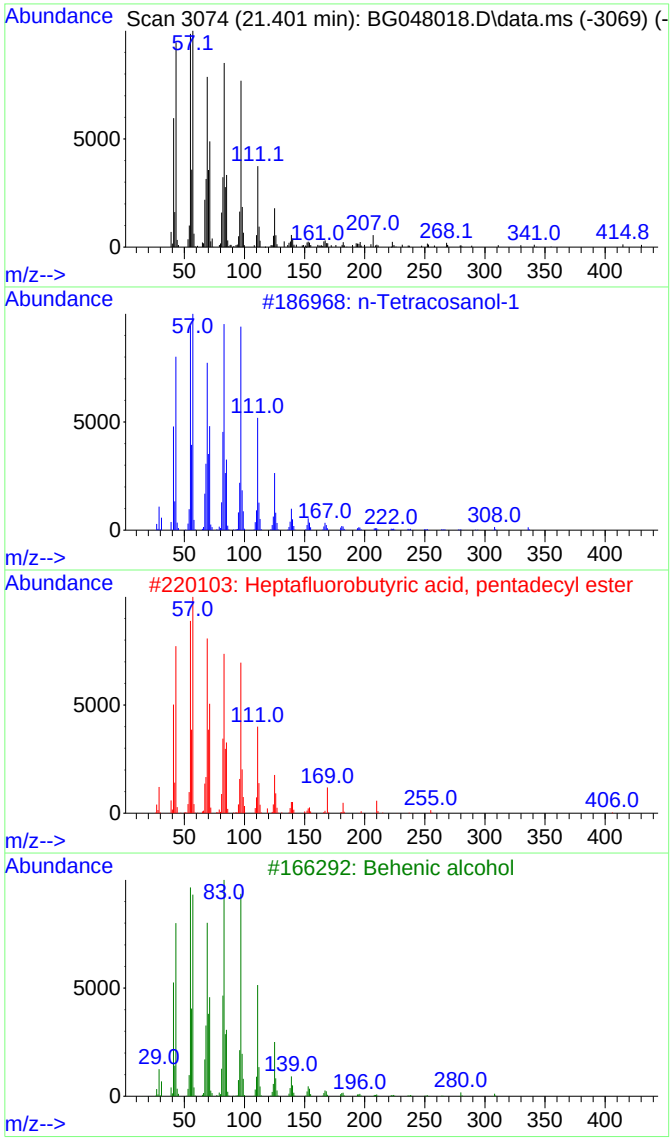
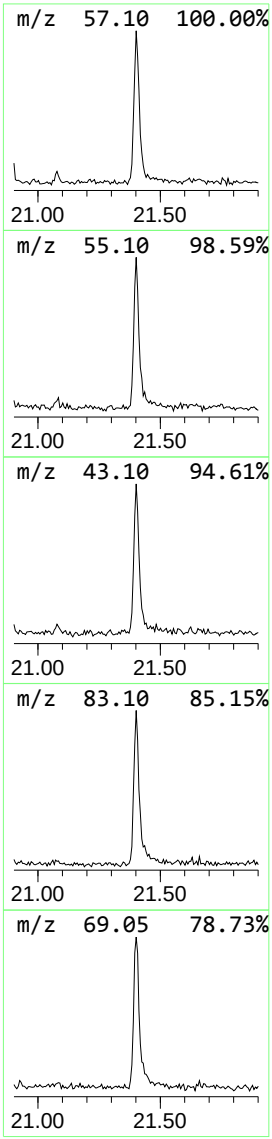
Peak Number 3 n-Tetracosanol-1 Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.401 | 8.08 ng | 399436 | Chrysene-d12 | 21.765 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | n-Tetracosanol-1 | 354 | C24H50O | 000506-51-4 | 94 |
| 2 | Heptafluorobutyric acid, pentade... | 424 | C19H31F7O2 | 959261-23-5 | 94 |
| 3 | Behenic alcohol | 326 | C22H46O | 000661-19-8 | 91 |
| 4 | Pentafluoropropionic acid, penta... | 374 | C18H31F5O2 | 959092-08-1 | 91 |
| 5 | 1-Heneicosyl formate | 340 | C22H44O2 | 077899-03-7 | 91 |



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Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** SP1-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012521.M
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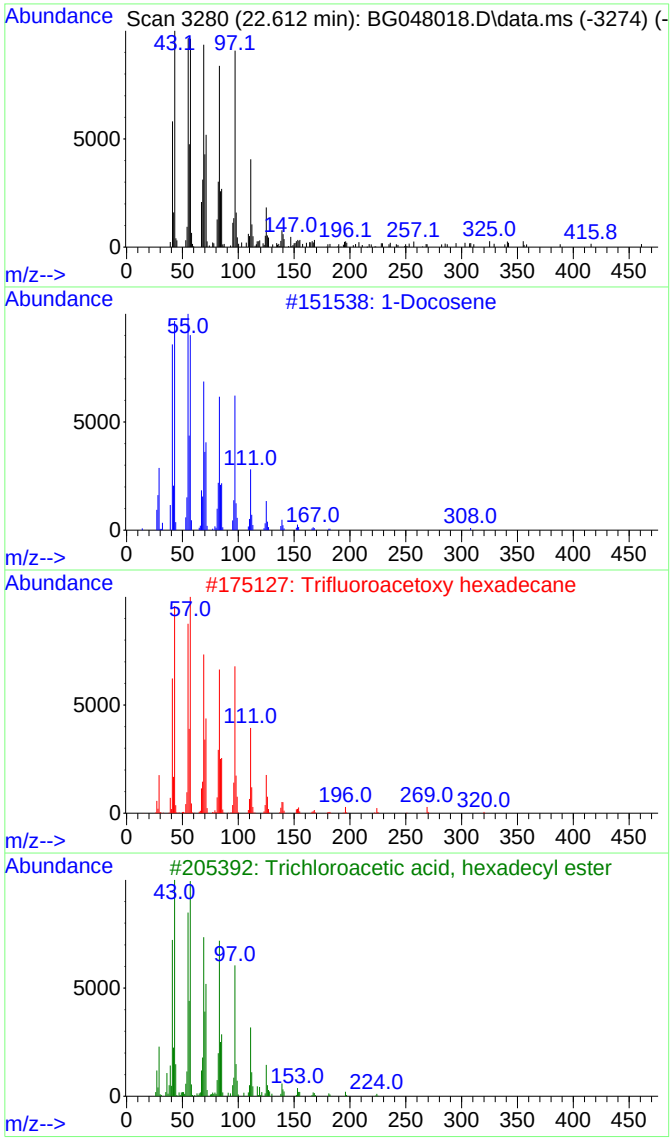
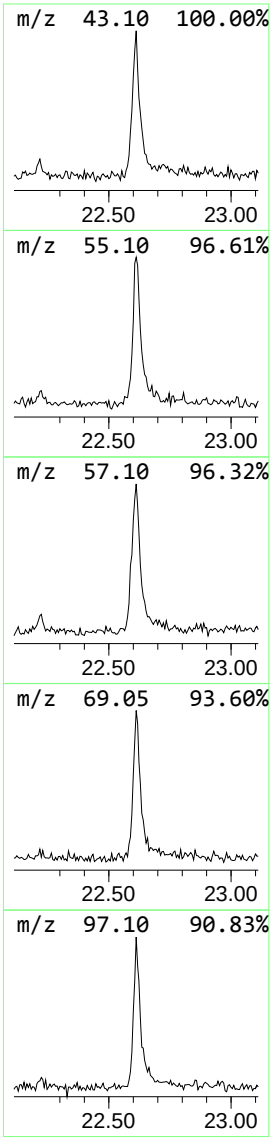
Peak Number 4 1-Docosene Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 22.612 | 6.56 ng | 323934 | Chrysene-d12 | 21.765 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Docosene | 308 | C22H44 | 001599-67-3 | 94 |
| 2 | Trifluoroacetoxy hexadecane | 338 | C18H33F3O2 | 006222-03-3 | 93 |
| 3 | Trichloroacetic acid, hexadecyl ... | 386 | C18H33Cl3O2 | 074339-54-1 | 93 |
| 4 | 1-Heneicosanol | 312 | C21H44O | 015594-90-8 | 91 |
| 5 | Bromoacetic acid, octadecyl ester | 390 | C20H39BrO2 | 018992-03-5 | 90 |



Tentatively Identified Compound (LSC) summary

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

| | | | | | --Internal Standard--- | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| Propylene Glycol | 3.804 | 7.9 | ng | 93832 | 1 | 8.129 | 238492 | 20.0 |
| Hexylene glycol | 6.425 | 2.2 | ng | 26025 | 1 | 8.129 | 238492 | 20.0 |
| n-Tetracosanol-1 | 21.401 | 8.1 | ng | 399436 | 5 | 21.765 | 988308 | 20.0 |
| 1-Docosene | 22.612 | 6.6 | ng | 323934 | 5 | 21.765 | 988308 | 20.0 |