LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111621\
Data File : BG051048.D
Acq On : 15 Nov 2021 19:24
Operator : CG/JU
Sample : M4674-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MF-SOIL-P3

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-BG111321.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG051048.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.296	301	308	315	rBV	32666	54627	1.96%	0.371%
2	5.761	380	387	400	rBV	910530	1510056	54.18%	10.250%
3	7.376	653	662	676	rBV	921444	1646582	59.08%	11.177%
4	8.222	800	806	819	rBV	151674	266457	9.56%	1.809%
5	9.403	998	1007	1017	rBV	552839	1033071	37.07%	7.012%
6	10.802	1238	1245	1256	rBV2	67863	137516	4.93%	0.933%
7	11.049	1279	1287	1295	rBV	217523	399149	14.32%	2.709%
8	13.475	1691	1700	1709	rVB	1426285	2235205	80.20%	15.172%
9	14.850	1926	1934	1943	rBV	361072	576190	20.67%	3.911%
10	16.336	2181	2187	2200	rVB	1069571	1711235	61.40%	11.616%
11	17.600	2395	2402	2408	rBV	442929	687070	24.65%	4.664%
12	17.705	2415	2420	2425	rVB5	25651	36366	1.30%	0.247%
13	18.446	2542	2546	2556	rBV	76038	113753	4.08%	0.772%
14	18.869	2614	2618	2624	rVB2	36737	48395	1.74%	0.328%
15	19.709	2758	2761	2767	rBV5	19984	29369	1.05%	0.199%
16	20.185	2836	2842	2849	rVB	2081315	2787116	100.00%	18.918%
17	21.483	3059	3063	3075	rBV	102530	200965	7.21%	1.364%
18	21.901	3127	3134	3143	rVB	349911	633626	22.73%	4.301%
19	25.308	3705	3714	3725	rVB2	202507	625548	22.44%	4.246%

Sum of corrected areas: 14732296

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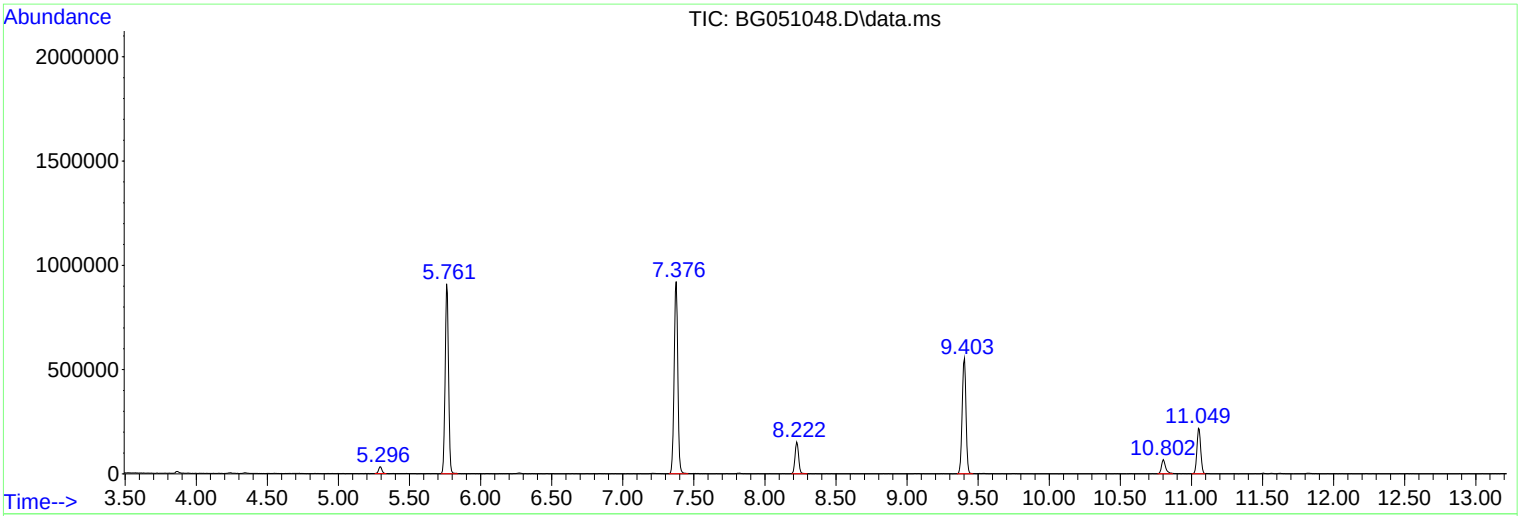
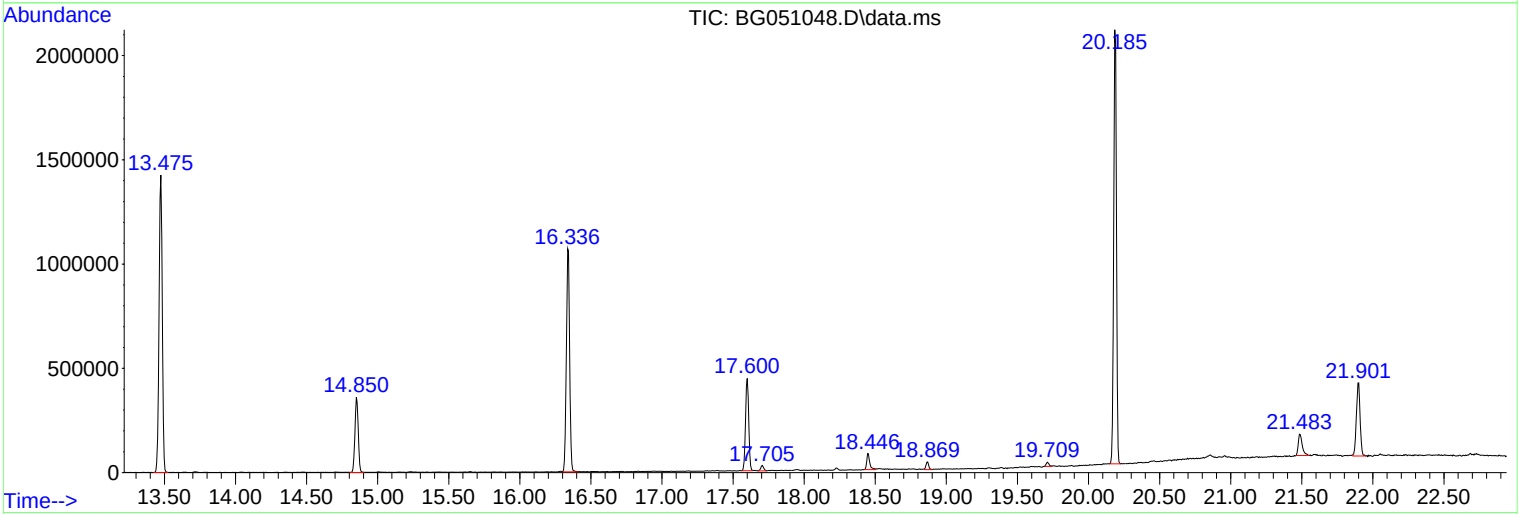
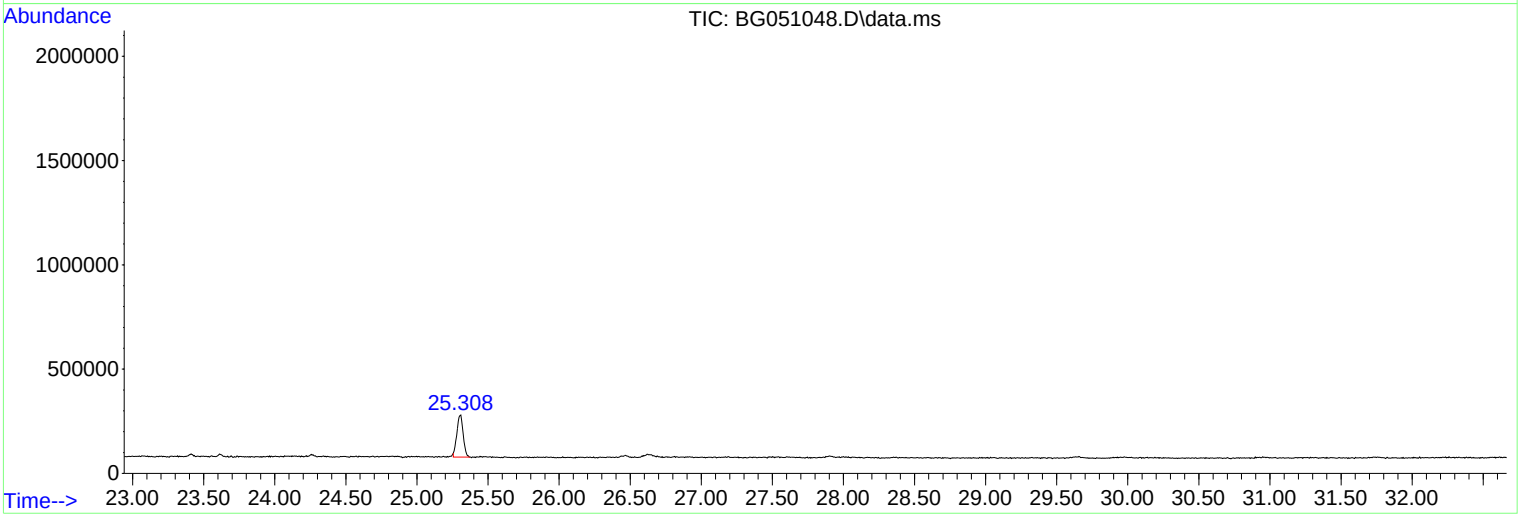
Instrument :
BNA_G
ClientSampleId :
MF-SOIL-P3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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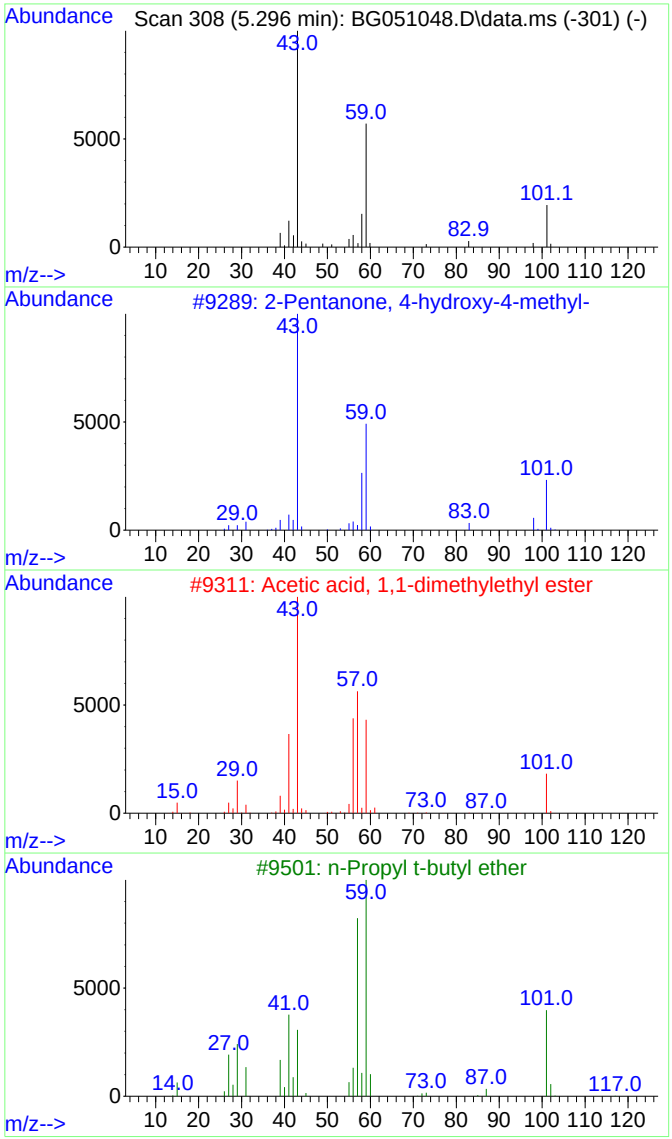
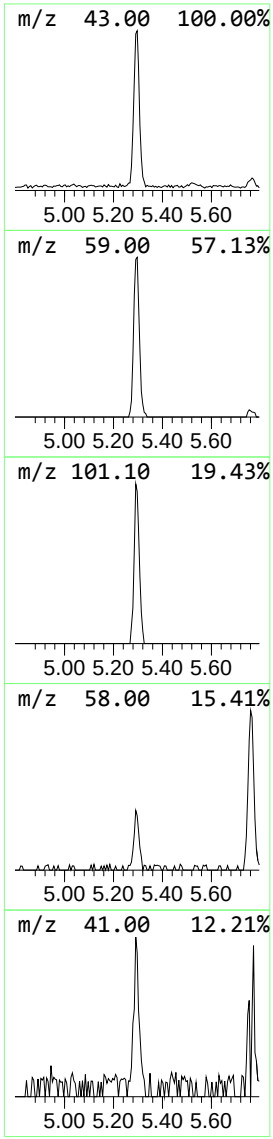
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.296	4.10 ng	54627	1,4-Dichlorobenzene-d4	8.222

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	n-Propyl t-butyl ether	116	C7H16O	1000334-81-9	33
4	1,3-Dioxolane-2-methanol, 2,4-di...	132	C6H12O3	053951-43-2	25
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17





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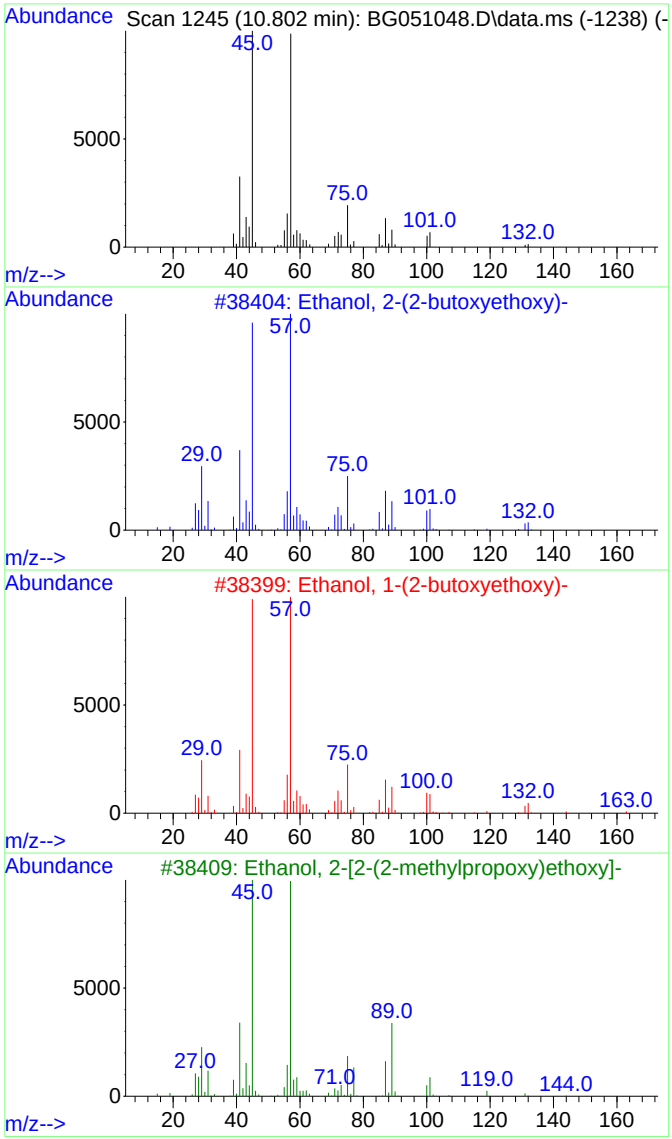
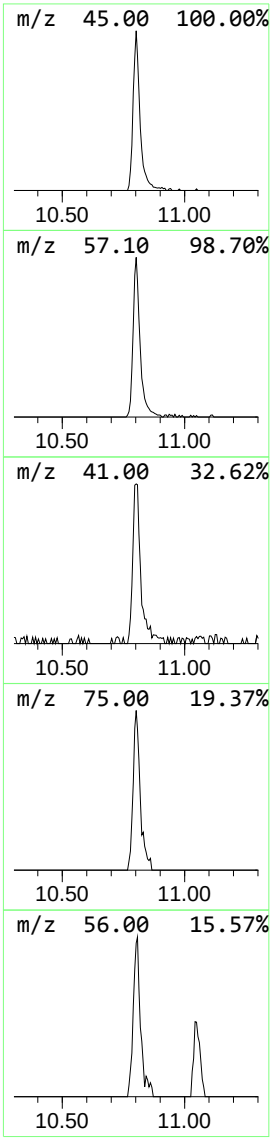
Peak Number 2 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.802	6.89 ng	137516	Naphthalene-d8	11.049

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	90
3	Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	56
4	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	56
5	Di-sec-Butyl ether	130	C8H18O	006863-58-7	53





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Operator : CG/JU
Sample : M4674-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MF-SOIL-P3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.M
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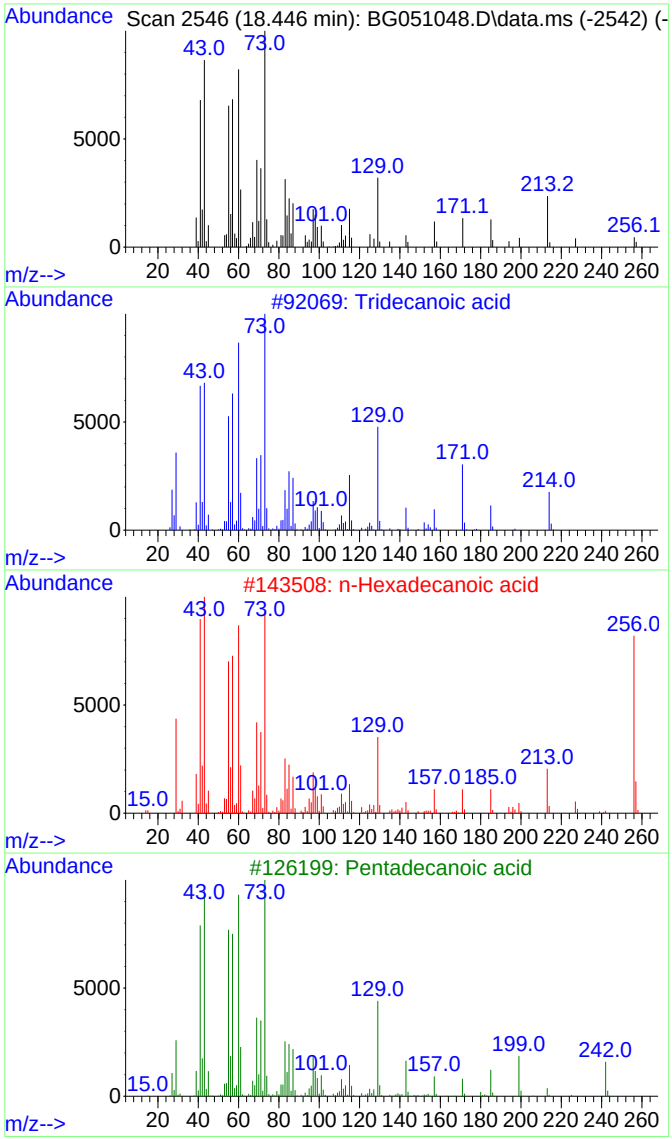
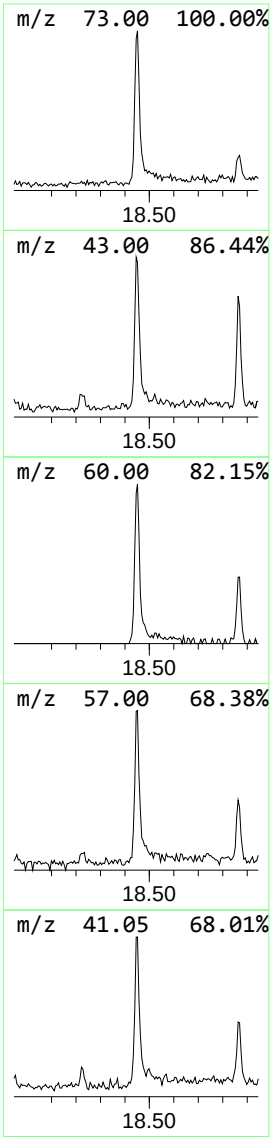
Peak Number 3 Tridecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.446	3.31 ng	113753	Phenanthrene-d10	17.600

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	95
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
4	Dodecanoic acid	200	C12H24O2	000143-07-7	59
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	59





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Instrument :
BNA_G
ClientSampleId :
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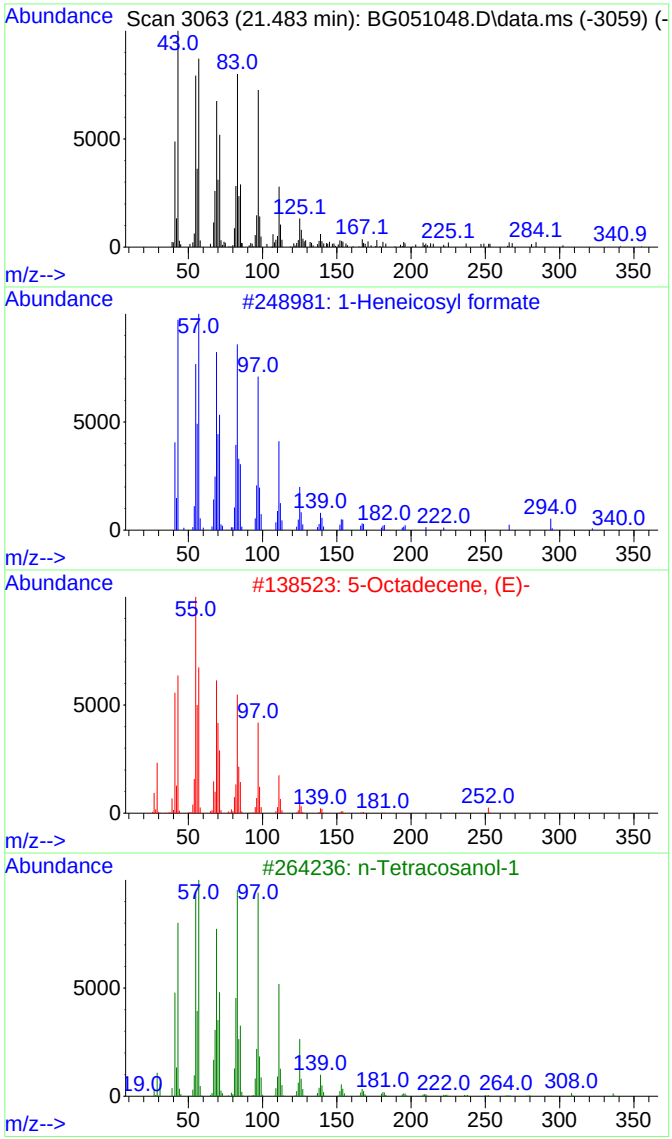
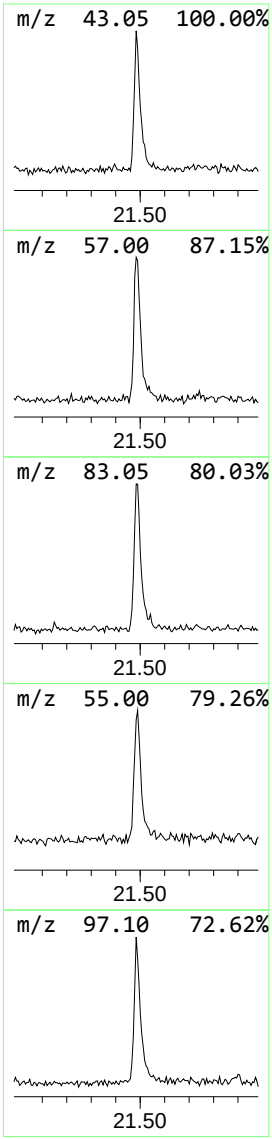
Peak Number 4 1-Heneicosyl formate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.483	6.34 ng	200965	Chrysene-d12	21.895

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
2	5-Octadecene, (E)-	252	C18H36	007206-21-5	93
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	93
4	2- Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	91
5	17-Pentatriacontene	491	C35H70	006971-40-0	91





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	5.296	4.1	ng	54627	1	8.222	266457	20.0
Ethanol, 2-(2-b...	10.802	6.9	ng	137516	2	11.049	399149	20.0
Tridecanoic acid	18.446	3.3	ng	113753	4	17.600	687070	20.0
1-Heneicosyl fo...	21.483	6.3	ng	200965	5	21.895	633626	20.0