LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010522\
Data File : BM033650.D
Acq On : 05 Jan 2022 19:28
Operator : CG/JU
Sample : N1018-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
FM-E3-02-4.5

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_M\Methods\8270-BM010522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM033650.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.048	301	308	317	rVB	365648	505007	4.27%	0.993%
2	5.525	382	389	400	rBV	2879936	4123125	34.89%	8.108%
3	7.137	654	663	677	rBV	2971430	4697924	39.75%	9.239%
4	7.984	800	807	814	rVB	621541	959234	8.12%	1.886%
5	9.148	996	1005	1014	rBV	2017185	3227870	27.31%	6.348%
6	10.578	1241	1248	1257	rBV	159354	254941	2.16%	0.501%
7	10.801	1279	1286	1298	rVB	849973	1414803	11.97%	2.782%
8	13.254	1696	1703	1710	rBV	5090766	7322538	61.96%	14.400%
9	14.624	1928	1936	1948	rBV	1367708	2021091	17.10%	3.975%
10	16.101	2181	2187	2202	rVB	3435241	4640331	39.27%	9.125%
11	17.359	2394	2401	2407	rBV	1810715	2561376	21.67%	5.037%
12	18.253	2547	2553	2562	rBV	205125	330573	2.80%	0.650%
13	19.524	2765	2769	2778	rBV	151269	236386	2.00%	0.465%
14	19.971	2839	2845	2850	rBV	9458903	11817497	100.00%	23.240%
15	21.236	3056	3060	3068	rBV2	396535	528711	4.47%	1.040%
16	21.518	3103	3108	3116	rVB	2269949	3065203	25.94%	6.028%
17	23.953	3515	3522	3531	rVB2	1510630	3144233	26.61%	6.183%

Sum of corrected areas: 50850843

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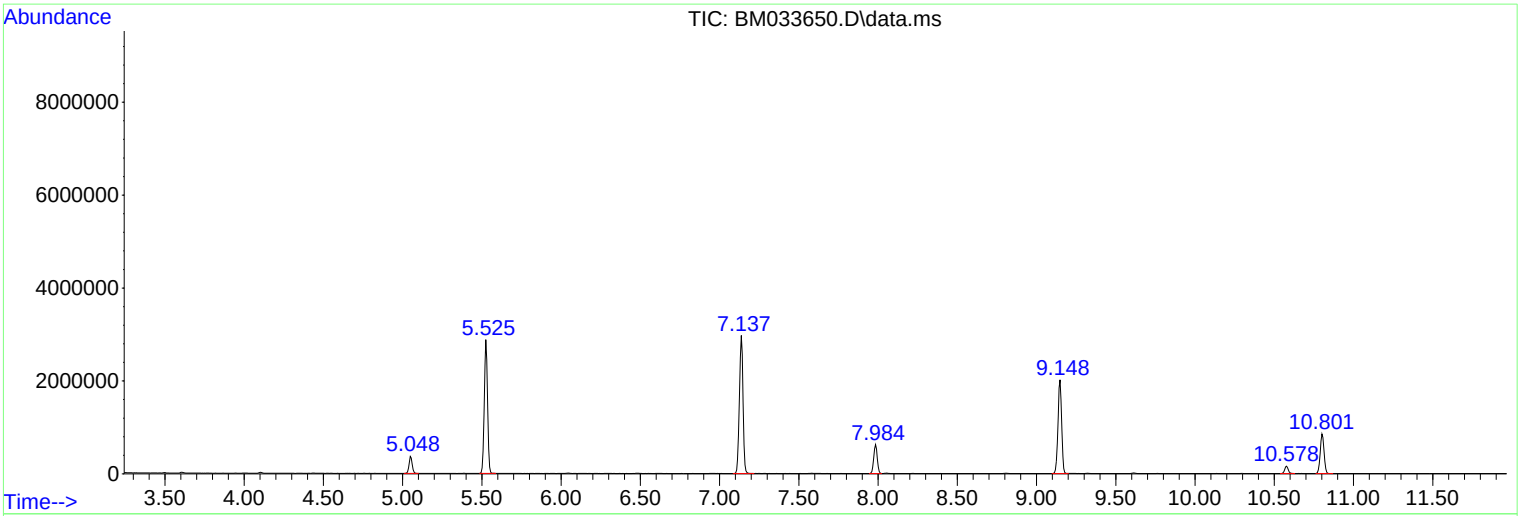
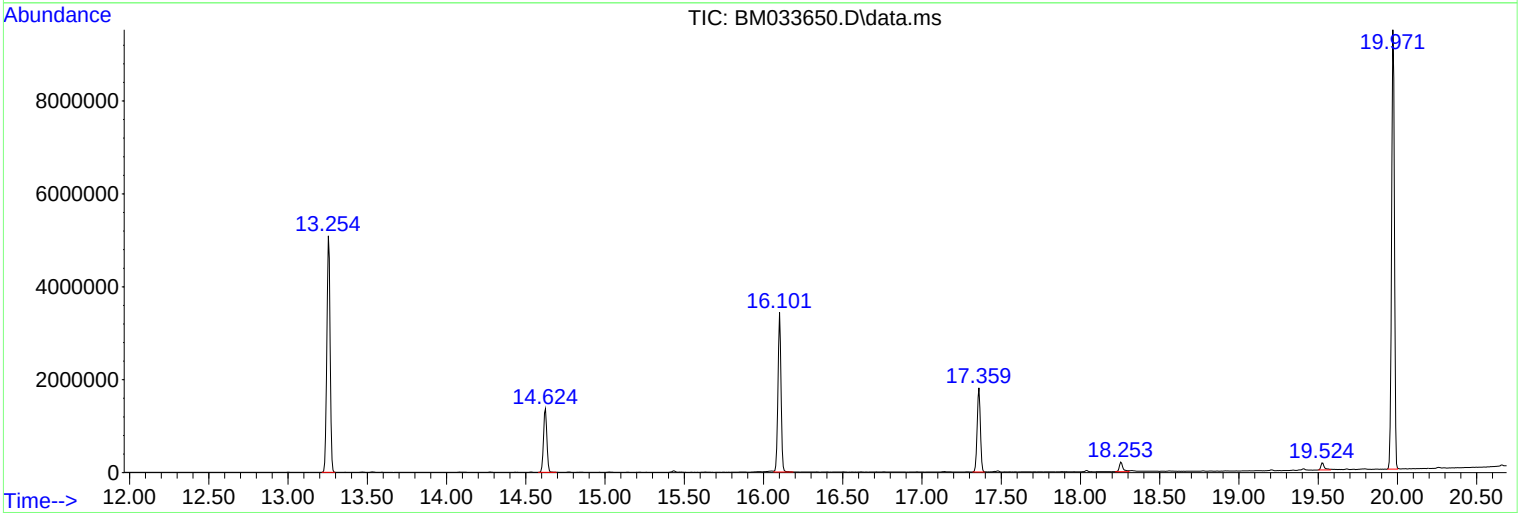
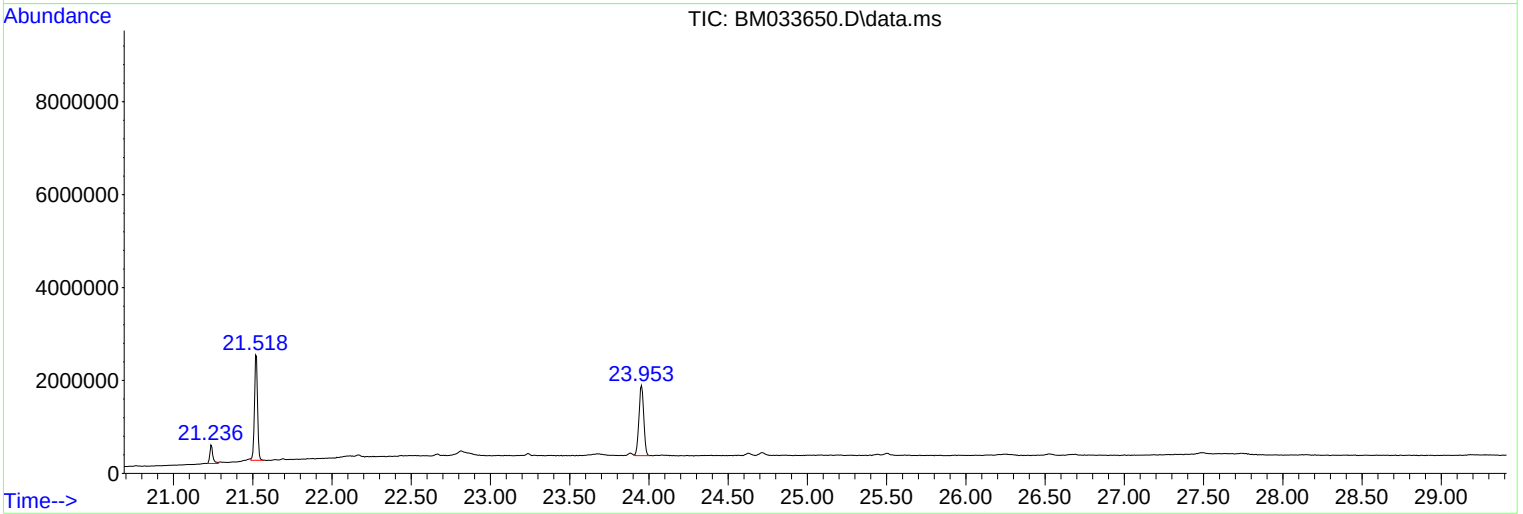
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM010522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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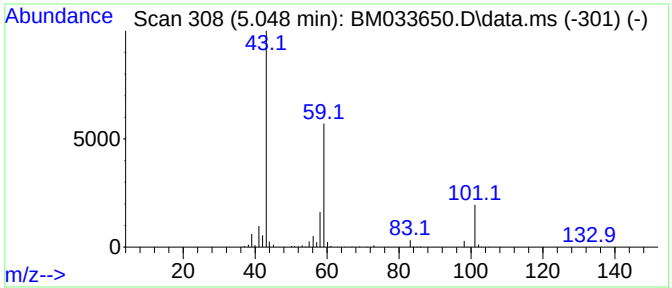
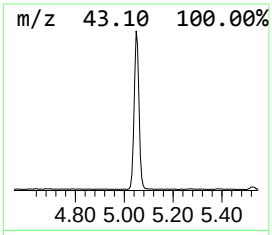
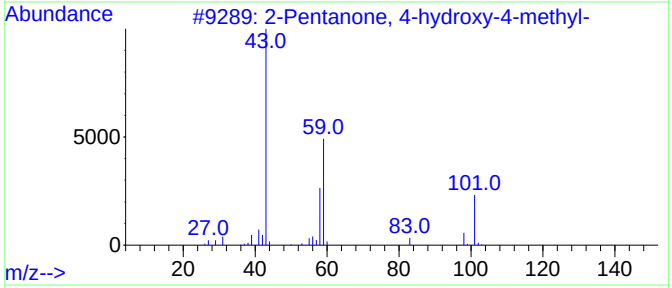
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

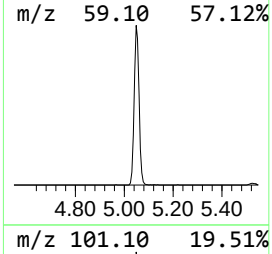
R.T.	EstConc	Area	Relative to ISTD	R.T.
5.048	10.53 ng	505007	1,4-Dichlorobenzene-d4	7.984

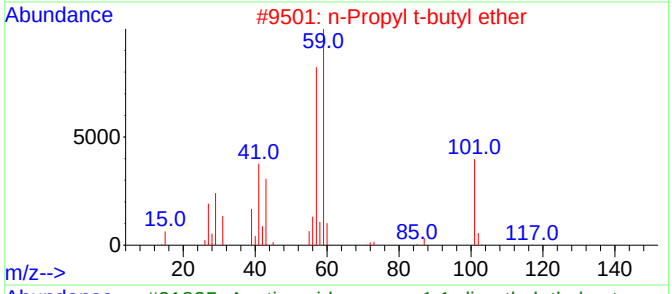
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	n-Propyl t-butyl ether	116	C7H16O	1000334-81-9	33
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	12
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10

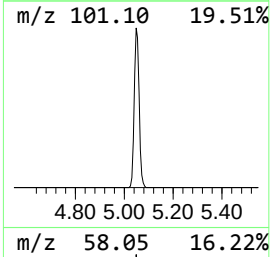


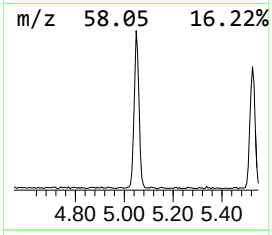


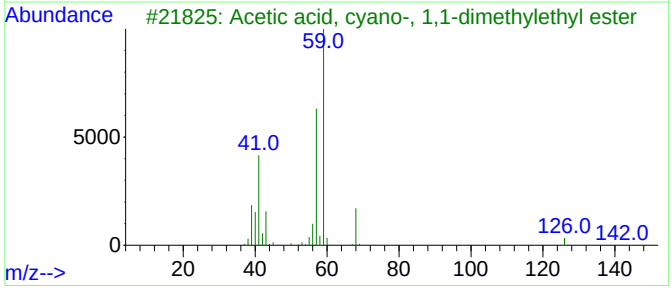


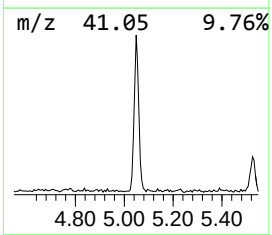












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ClientSampleId :
FM-E3-02-4.5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM010522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

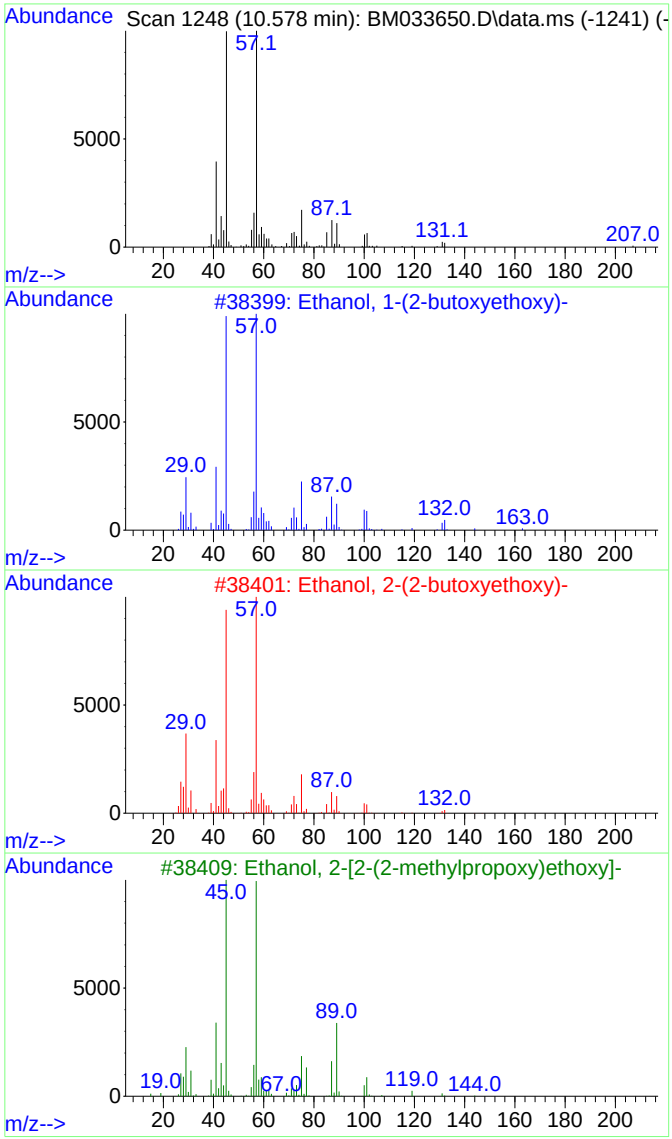
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

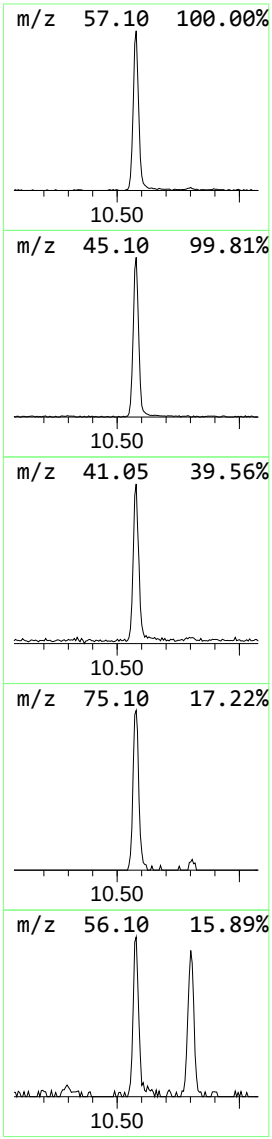
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.578	3.60 ng	254941	Naphthalene-d8	10.801

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	90
2	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
3	Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	78
4	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	59
5	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	53





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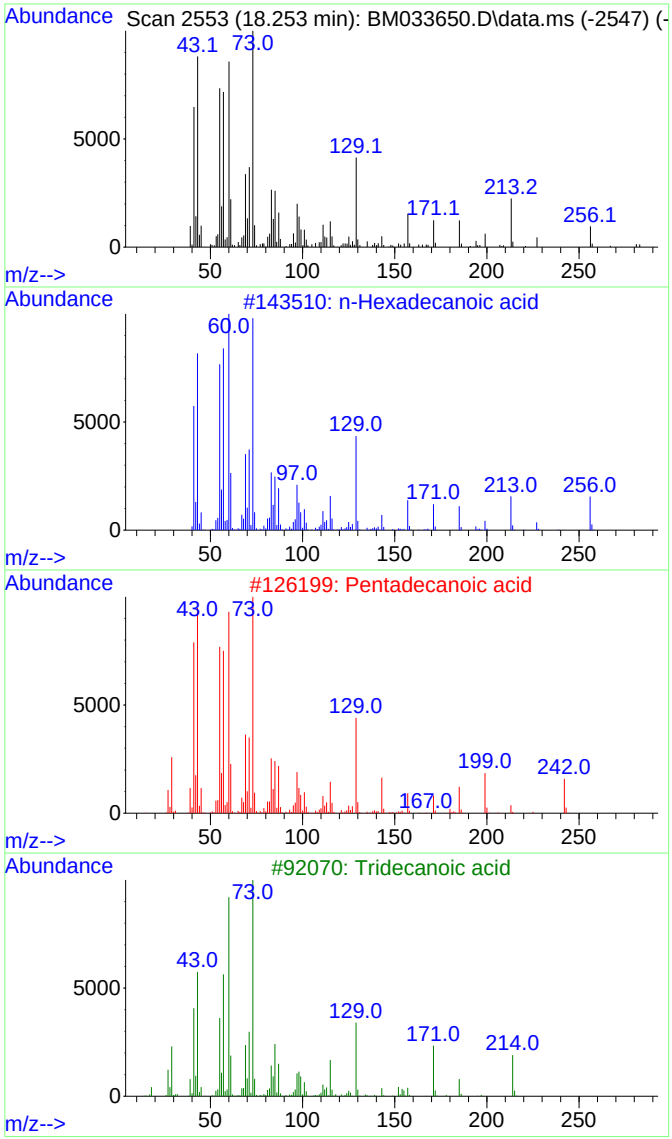
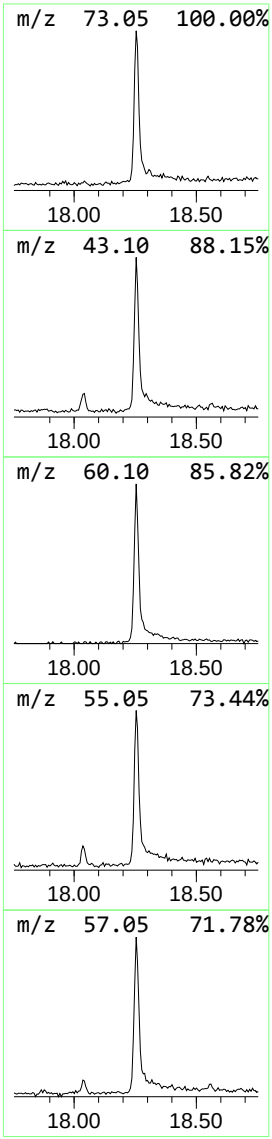
Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.253	2.58 ng	330573	Phenanthrene-d10	17.359

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
3	Tridecanoic acid	214	C13H26O2	000638-53-9	76
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	n-Decanoic acid	172	C10H20O2	000334-48-5	53





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ClientSampleId :
FM-E3-02-4.5

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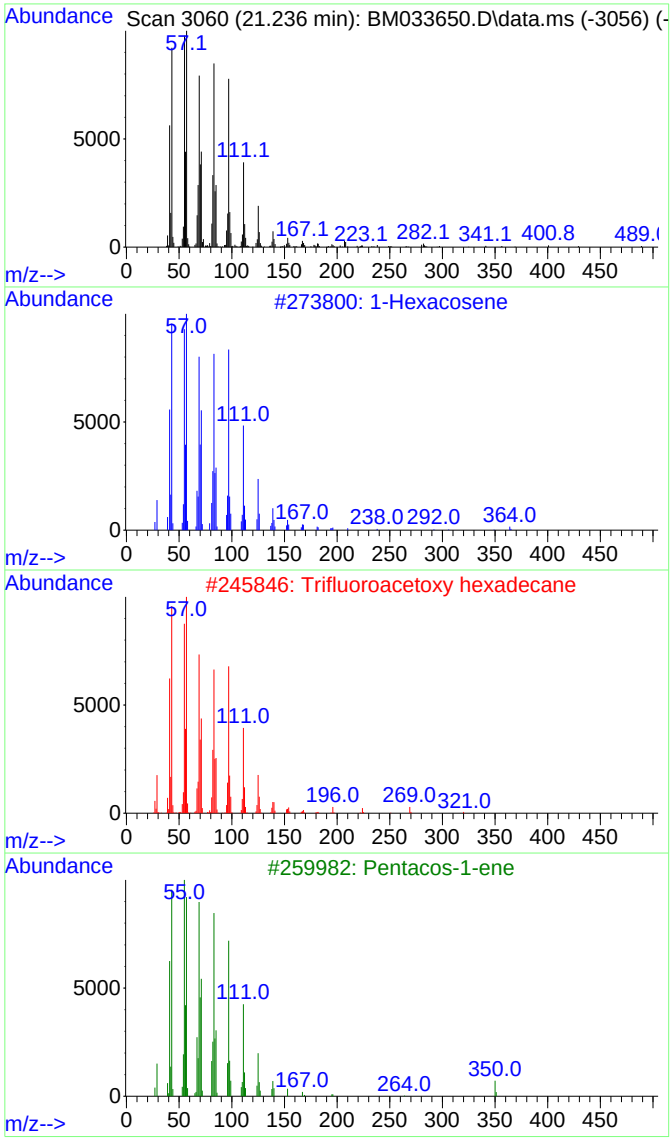
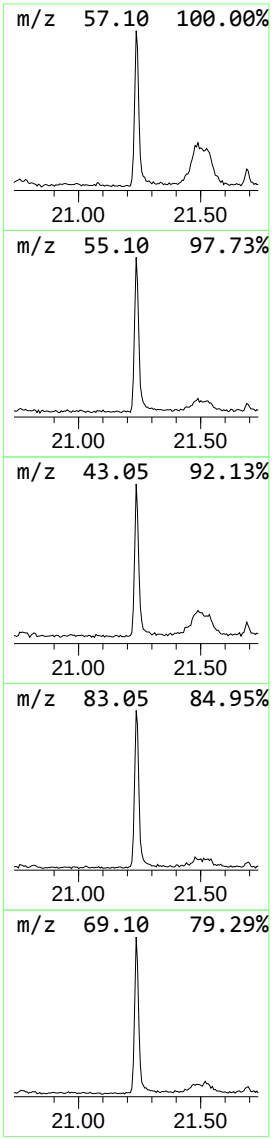
Peak Number 4 1-Hexacosene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.236	3.45 ng	528711	Chrysene-d12	21.524

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexacosene	364	C26H52	018835-33-1	95
2	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
3	Pentacos-1-ene	350	C25H50	016980-85-1	94
4	1-Heneicosanol	312	C21H44O	015594-90-8	94
5	1-Tetracosene	336	C24H48	010192-32-2	94





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	5.048	10.5	ng	505007	1	7.984	959234	20.0
Ethanol, 1-(2-b...	10.578	3.6	ng	254941	2	10.801	1414800	20.0
n-Hexadecanoic ...	18.253	2.6	ng	330573	4	17.359	2561380	20.0
1-Hexacosene	21.236	3.5	ng	528711	5	21.524	3065200	20.0