LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100921\
Data File : BM032411.D
Acq On : 09 Oct 2021 02:00
Operator : CG/JU
Sample : M4117-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SB-3(3.0-3.5)

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-BM100221.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM032411.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.696	311	316	323	rVB	85426	118993	1.27%	0.181%
2	5.190	393	400	413	rBV	4377768	6222667	66.44%	9.448%
3	6.807	667	675	689	rBV	4185531	6652506	71.03%	10.100%
4	7.613	805	812	820	rBV	1309659	1996875	21.32%	3.032%
5	8.766	1000	1008	1021	rBV	2727243	4357743	46.53%	6.616%
6	10.178	1240	1248	1257	rBV	621158	905622	9.67%	1.375%
7	10.401	1279	1286	1294	rBV	1801847	2872319	30.67%	4.361%
8	12.877	1700	1707	1720	rBV	6326772	9336425	99.68%	14.175%
9	14.260	1933	1942	1948	rBV	2558737	3634584	38.81%	5.518%
10	15.748	2188	2195	2202	rBV	4506907	6348720	67.78%	9.639%
11	16.989	2400	2406	2416	rBV	2822651	3855292	41.16%	5.853%
12	17.654	2515	2519	2525	rBV	147338	177797	1.90%	0.270%
13	17.877	2553	2557	2566	rBV	369385	560500	5.98%	0.851%
14	18.824	2714	2718	2722	rVB2	281580	322573	3.44%	0.490%
15	19.154	2771	2774	2786	rBV5	89949	176713	1.89%	0.268%
16	19.401	2813	2816	2825	rVB2	112115	189708	2.03%	0.288%
17	19.518	2833	2836	2840	rVB	97429	110688	1.18%	0.168%
18	19.606	2845	2851	2858	rVB	7383935	9366044	100.00%	14.220%
19	20.377	2978	2982	2991	rBV	1981926	2221210	23.72%	3.372%
20	20.853	3060	3063	3070	rBV2	504989	600610	6.41%	0.912%
21	21.153	3109	3114	3118	rBV	2352740	2963357	31.64%	4.499%
22	23.294	3473	3478	3485	rVB2	1724906	2874514	30.69%	4.364%

Sum of corrected areas: 65865460

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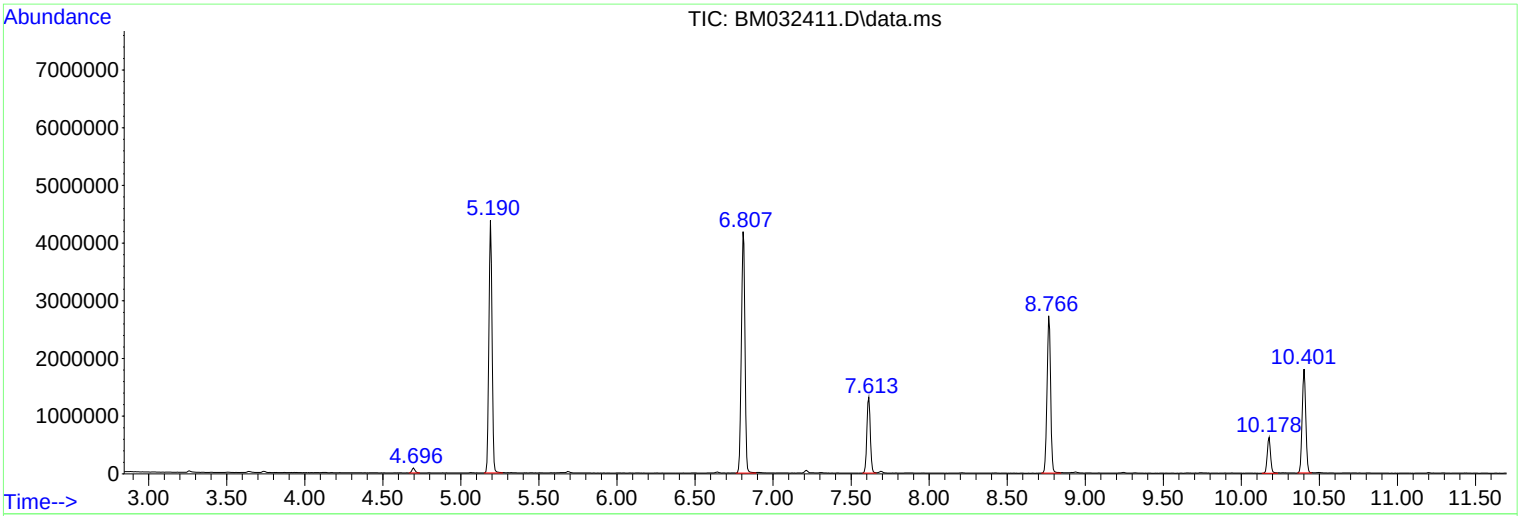
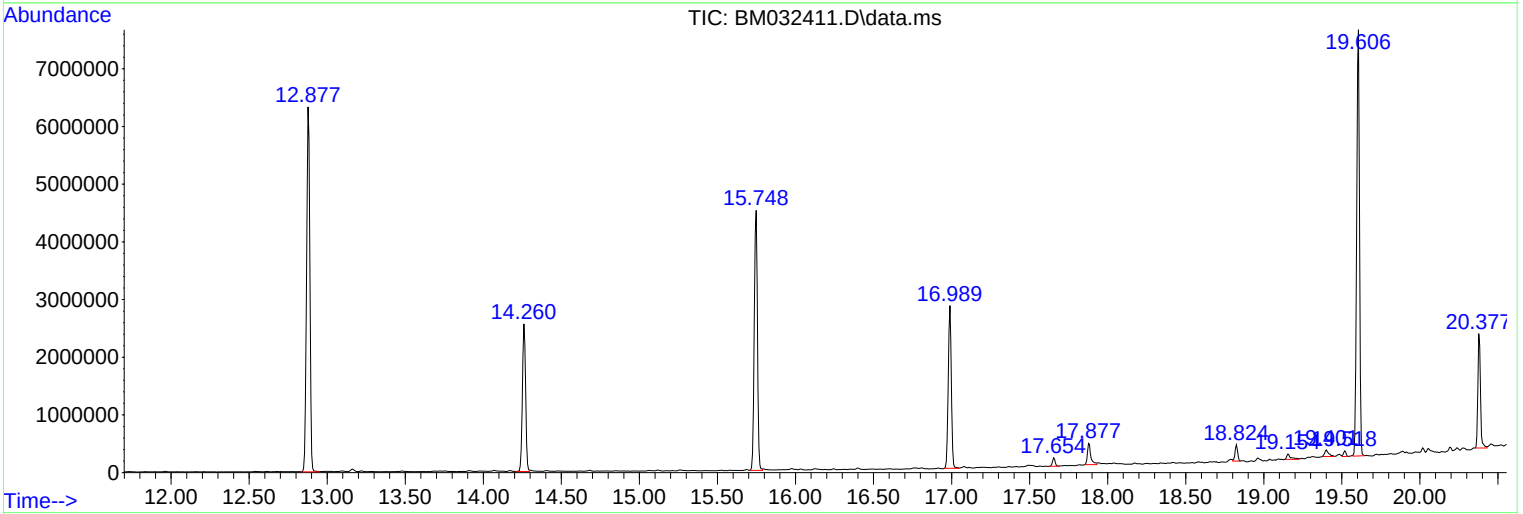
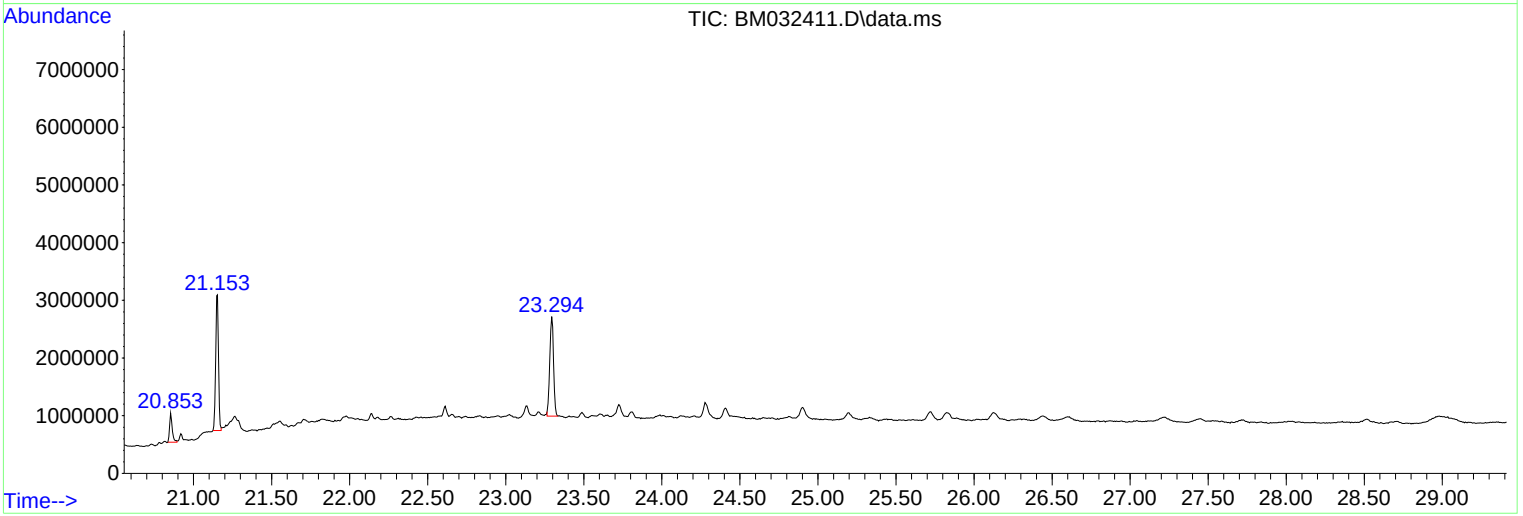
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM100221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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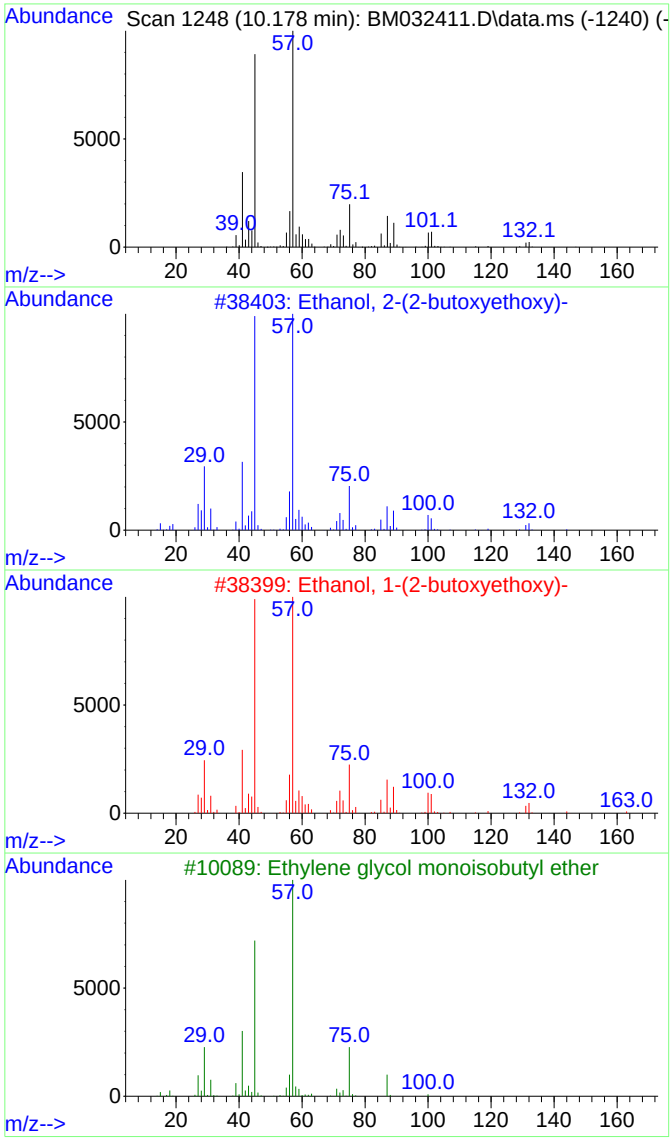
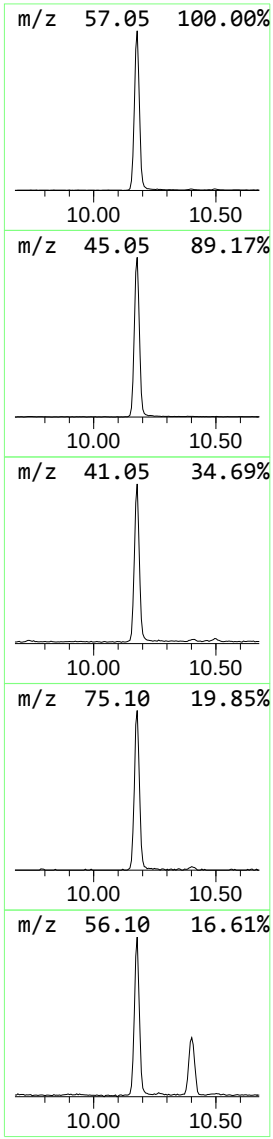
Peak Number 1 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.178	6.31 ng	905622	Naphthalene-d8	10.401

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	83
3	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	64
4	Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	56
5	Methoxyacetic acid, 2-butyl ester	146	C7H14O3	070159-90-9	50





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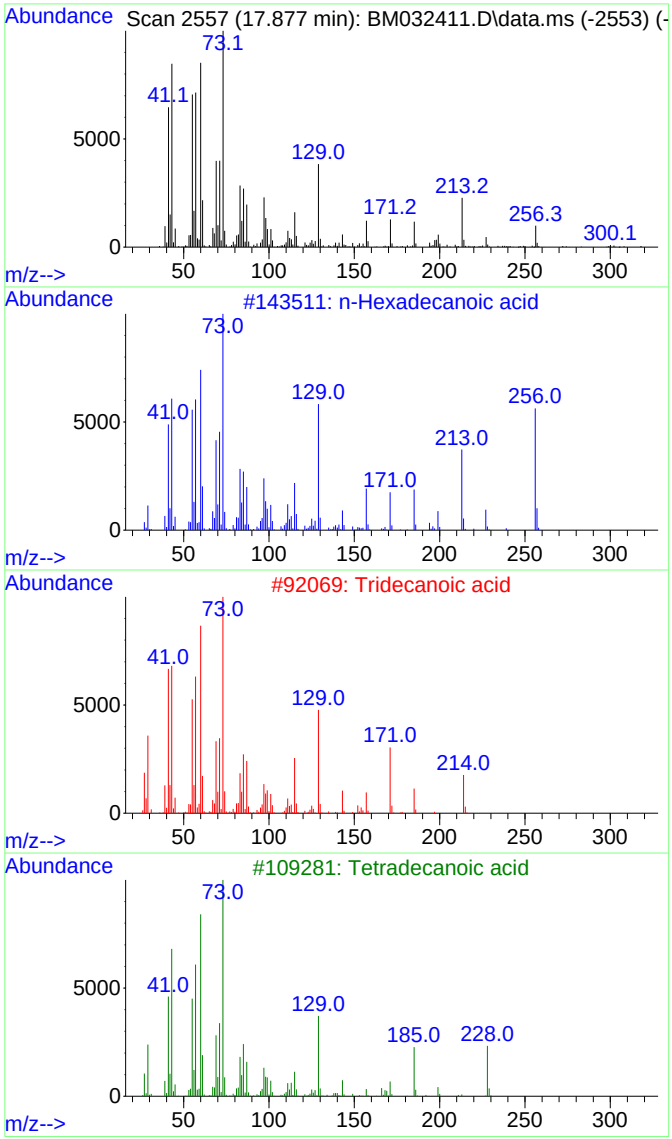
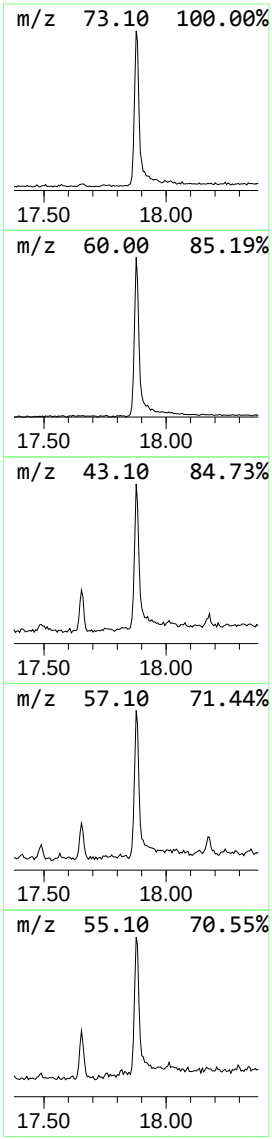
Peak Number 2 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.877	2.91 ng	560500	Phenanthrene-d10	16.989

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	95
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
5	Octadecanoic acid	284	C18H36O2	000057-11-4	90





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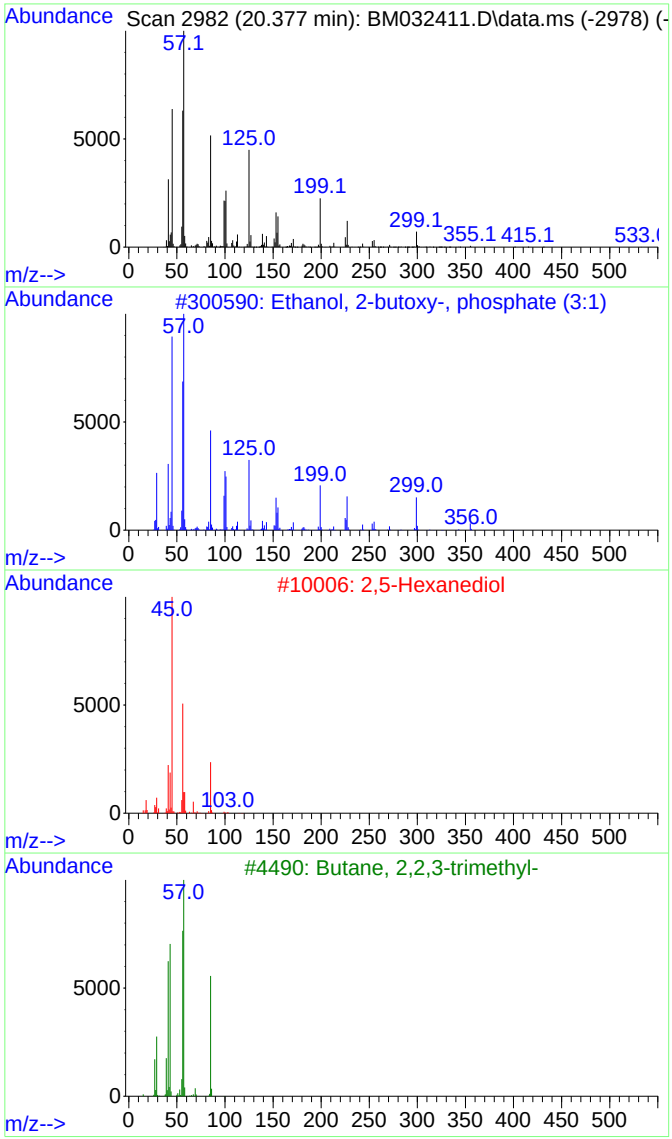
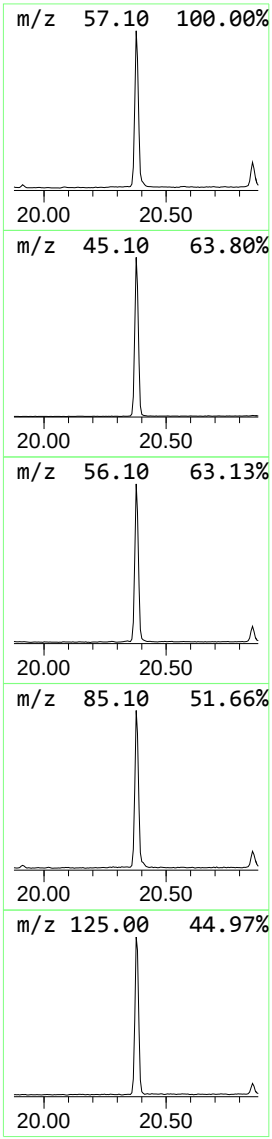
Peak Number 3 Ethanol, 2-butoxy-, phospha... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.377	14.99 ng	2221210	Chrysene-d12	21.153

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-butoxy-, phosphate (3:1)	398	C18H39O7P	000078-51-3	64
2	2,5-Hexanediol	118	C6H14O2	002935-44-6	35
3	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	14
4	1-[(4-Nitrophenyl)sulfonyl]piper...	271	C10H13N3O4S	403825-44-5	10
5	Butanoic acid, 2-methyl-, 2-meth...	158	C9H18O2	002445-67-2	10





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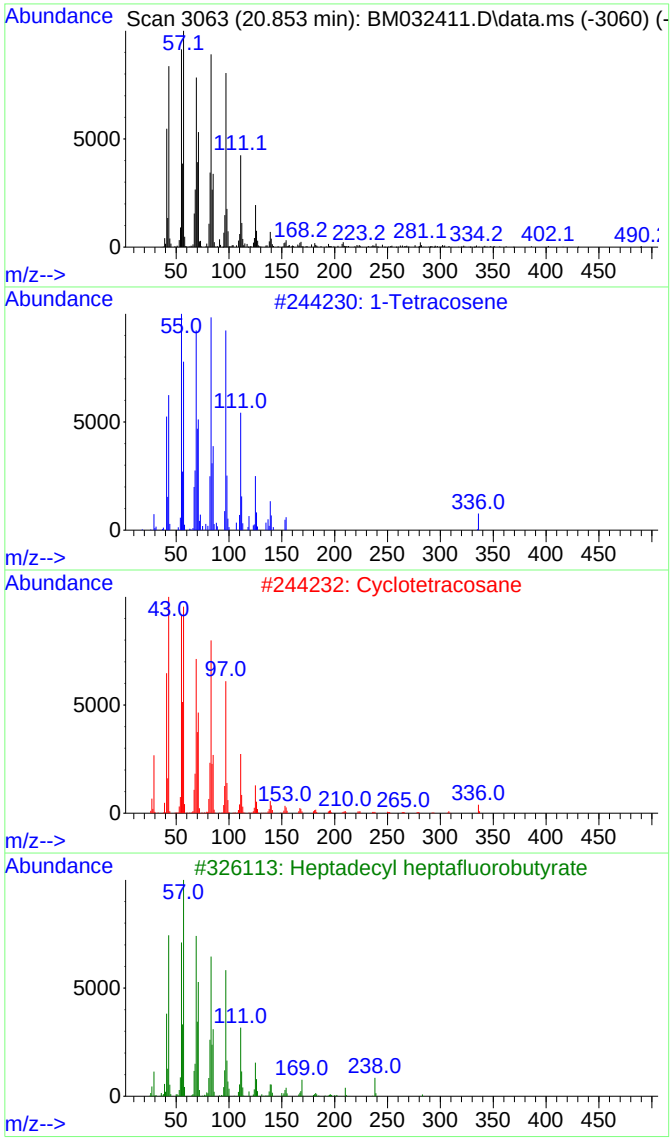
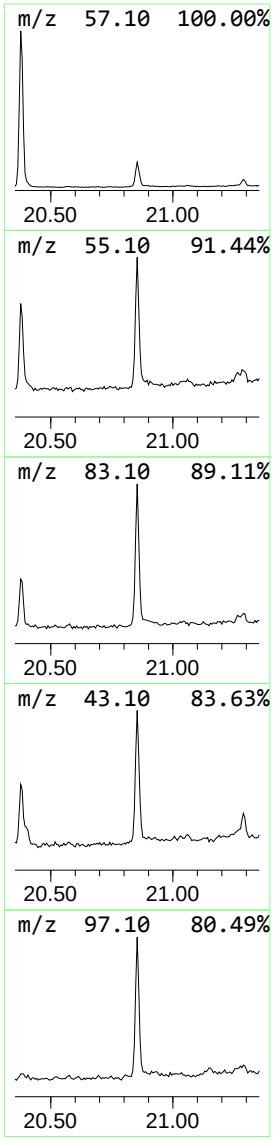
Peak Number 4 1-Tetracosene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.853	4.05 ng	600610	Chrysene-d12	21.153

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tetracosene	336	C24H48	010192-32-2	99
2	Cyclotetracosane	336	C24H48	000297-03-0	95
3	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
5	9-Tricosene, (Z)-	322	C23H46	027519-02-4	94





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Ethanol, 2-(2-b...	10.178	6.3	ng	905622	2	10.401	2872320	20.0
n-Hexadecanoic ...	17.877	2.9	ng	560500	4	16.989	3855290	20.0
Ethanol, 2-buto...	20.377	15.0	ng	2221210	5	21.153	2963360	20.0
1-Tetracosene	20.853	4.0	ng	600610	5	21.153	2963360	20.0