LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050222\
Data File : BM034879.D
Acq On : 02 May 2022 19:04
Operator : CG/JU
Sample : N2619-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SS06-1-2-FT

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-BM042722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM034879.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.504	403	411	420	rBV	4385275	6528561	33.85%	8.401%
2	7.093	673	681	691	rBV	4503163	7134780	36.99%	9.181%
3	7.928	816	823	830	rBV	766815	1199707	6.22%	1.544%
4	9.087	1011	1020	1030	rBV	2878944	4642778	24.07%	5.974%
5	10.728	1292	1299	1308	rBV	1018606	1735572	9.00%	2.233%
6	13.186	1710	1717	1724	rBV	7144471	10700347	55.48%	13.769%
7	13.786	1813	1819	1826	rBV	474671	646379	3.35%	0.832%
8	14.557	1944	1950	1958	rBV	1551703	2367616	12.27%	3.047%
9	16.045	2195	2203	2226	rBV	6290201	8999723	46.66%	11.580%
10	17.298	2410	2416	2424	rBV	2082205	2973914	15.42%	3.827%
11	18.198	2564	2569	2577	rBV	294386	446800	2.32%	0.575%
12	19.233	2740	2745	2751	rVB	143968	213258	1.11%	0.274%
13	19.474	2782	2786	2797	rBV	169703	236823	1.23%	0.305%
14	19.927	2856	2863	2868	rBV	15789721	19288461	100.00%	24.819%
15	21.192	3074	3078	3088	rVB	1040108	1263936	6.55%	1.626%
16	21.351	3101	3105	3110	rBV	177595	239156	1.24%	0.308%
17	21.474	3121	3126	3132	rBV	2976413	3914129	20.29%	5.036%
18	22.121	3231	3236	3248	rBV	1005918	1435238	7.44%	1.847%
19	23.203	3417	3420	3428	rVB2	180642	295192	1.53%	0.380%
20	23.868	3526	3533	3544	rVB2	1713239	3452945	17.90%	4.443%

Sum of corrected areas: 77715315

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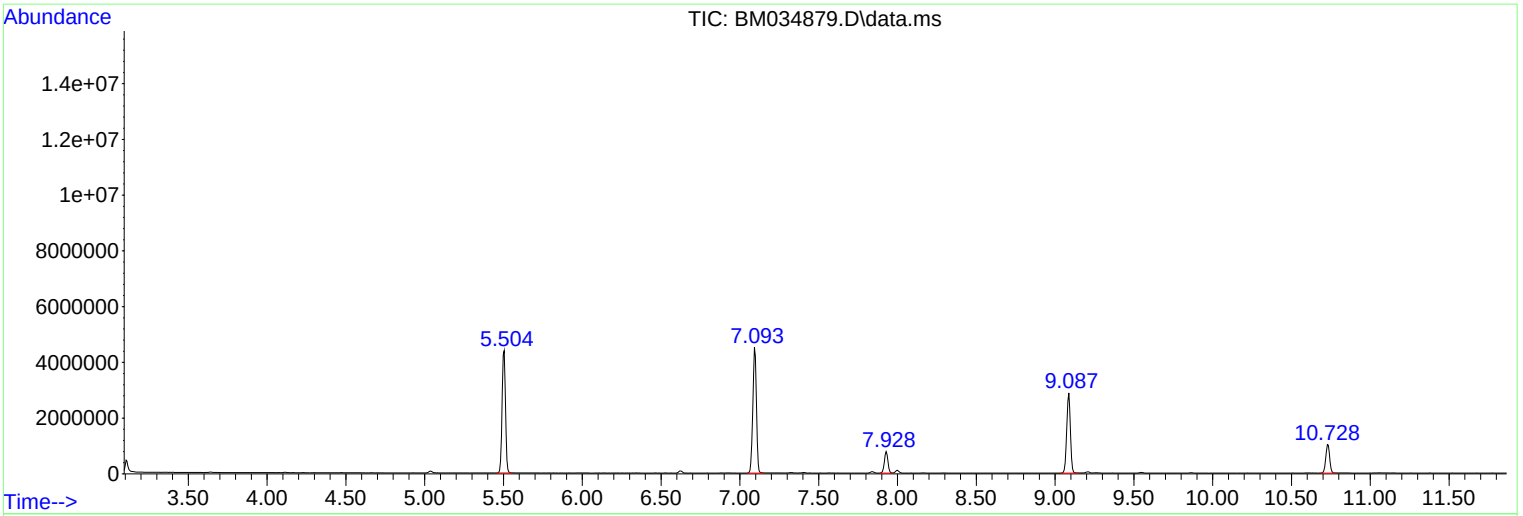
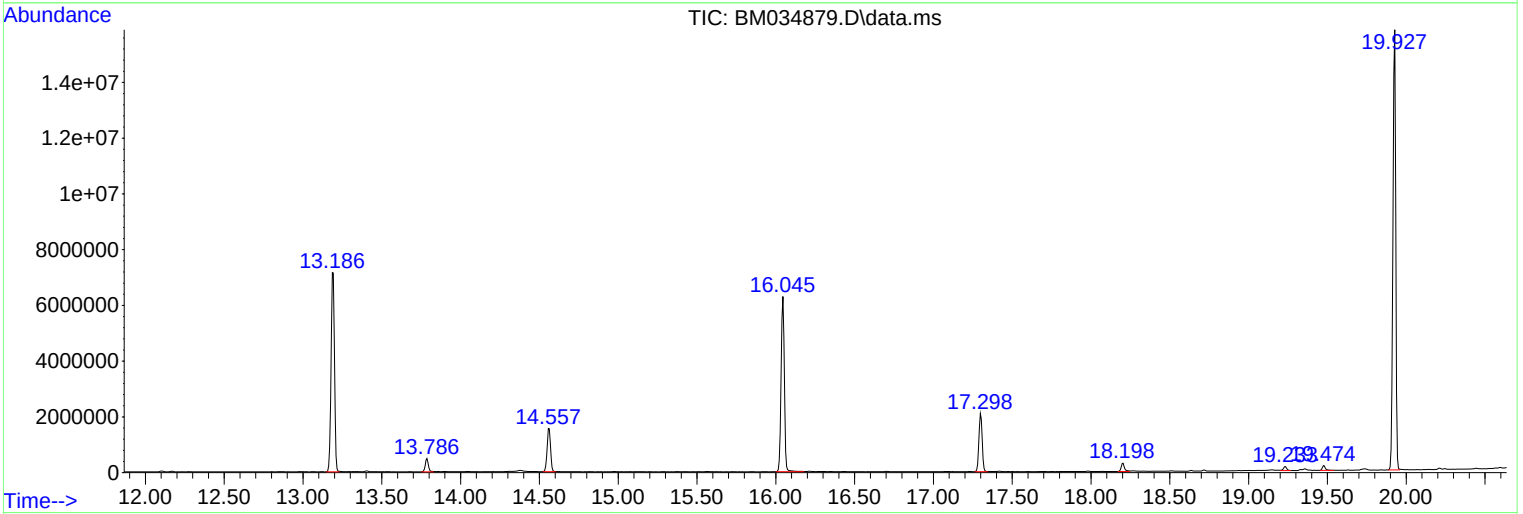
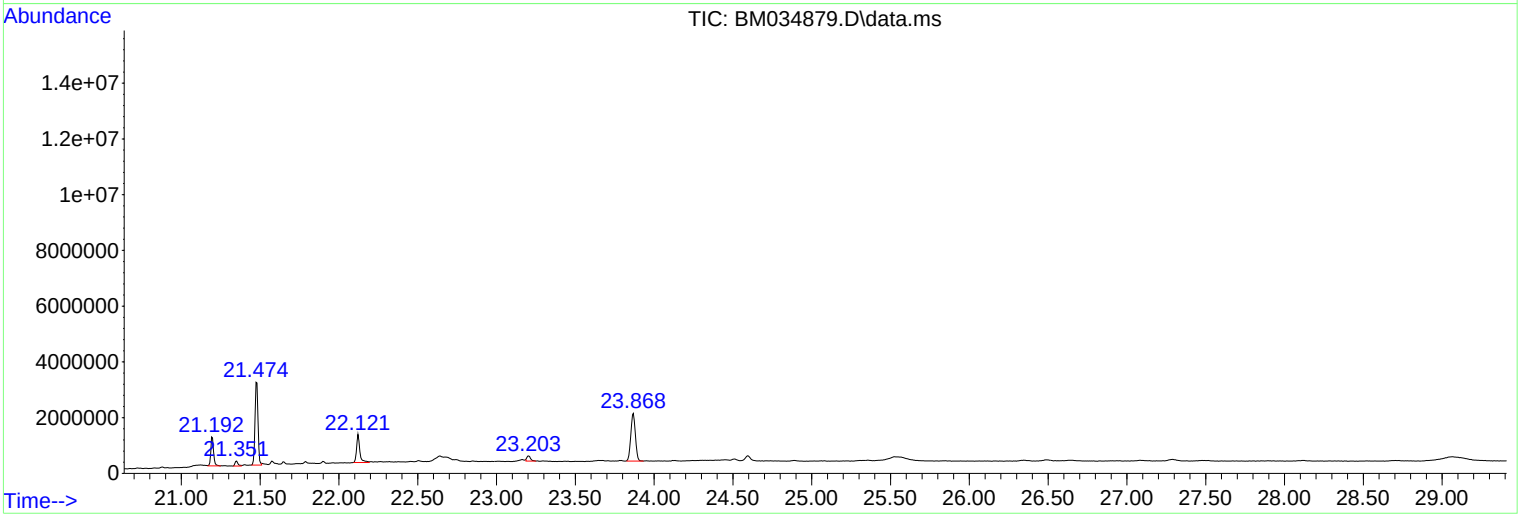
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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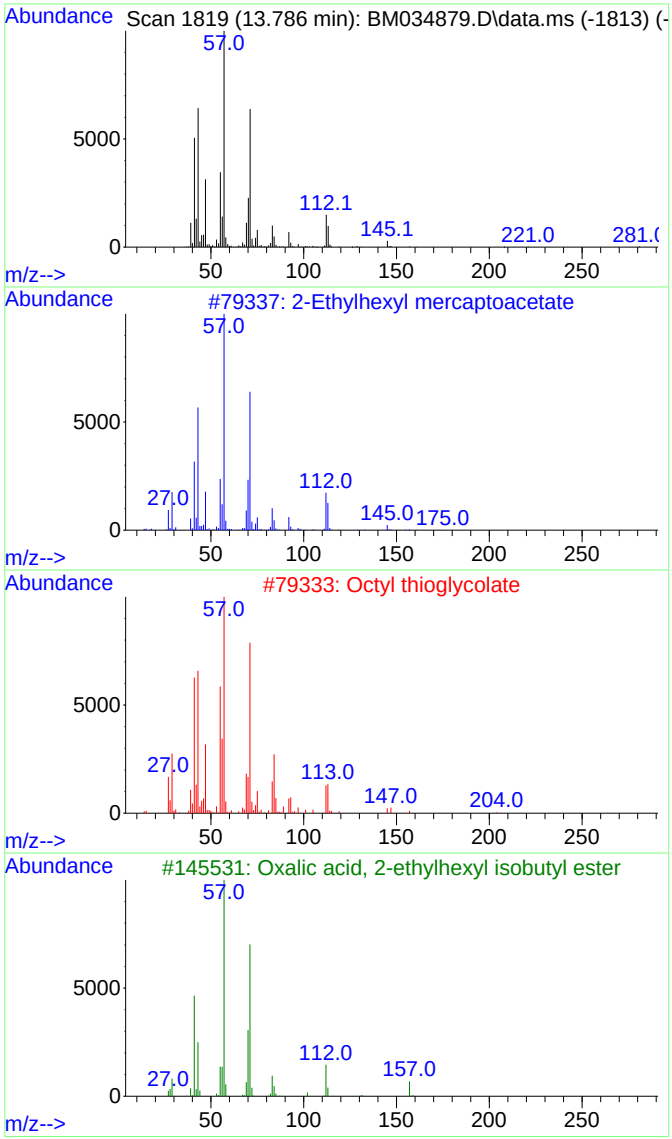
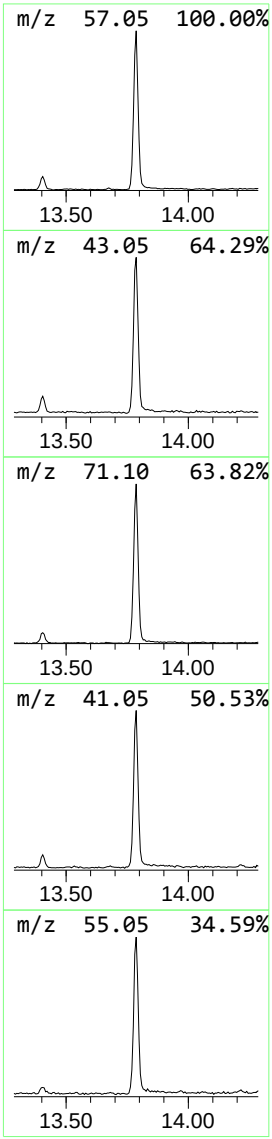
Peak Number 1 2-Ethylhexyl mercaptoacetate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.786	5.46 ng	646379	Acenaphthene-d10	14.563

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Ethylhexyl mercaptoacetate	204	C10H20O2S	007659-86-1	80
2	Octyl thioglycolate	204	C10H20O2S	007664-80-4	72
3	Oxalic acid, 2-ethylhexyl isobut...	258	C14H26O4	1010309-38-5	52
4	4-Methyl-3-heptanol, chlorodiflu...	242	C10H17ClF2O2	1000447-28-3	47
5	4-Methyl-3-heptanol, chlorodiflu...	242	C10H17ClF2O2	1000447-27-4	47





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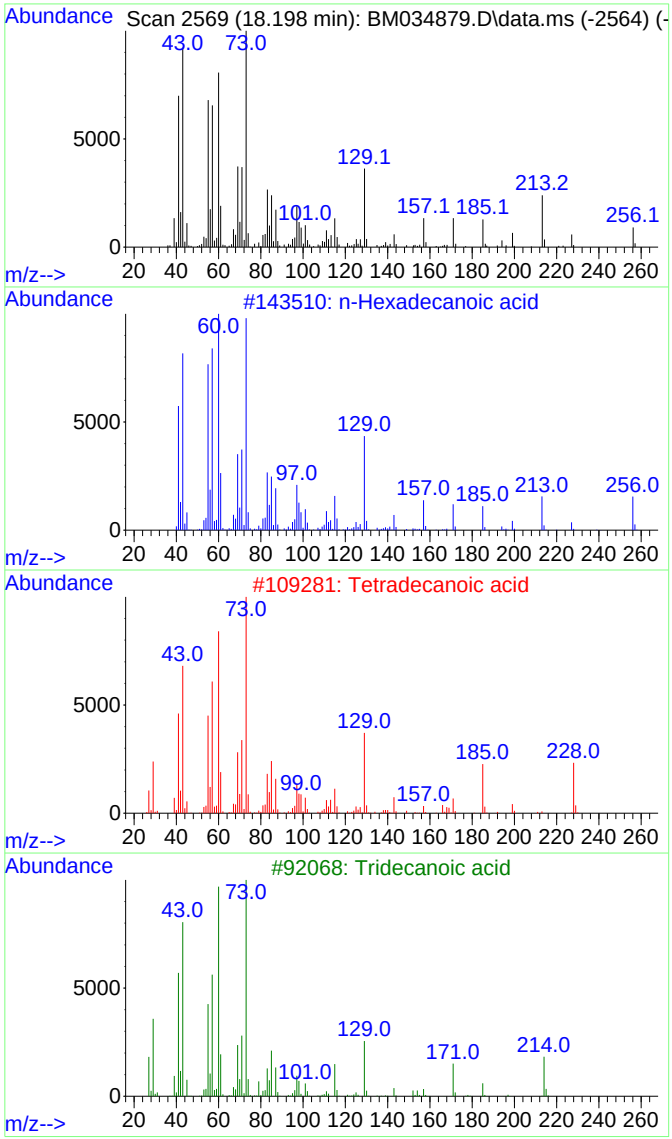
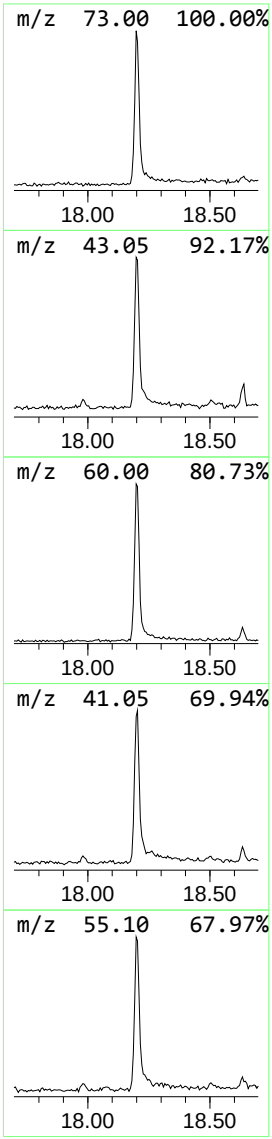
Peak Number 2 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.198	3.00 ng	446800	Phenanthrene-d10	17.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
3	Tridecanoic acid	214	C13H26O2	000638-53-9	90
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
5	Dodecanoic acid	200	C12H24O2	000143-07-7	59





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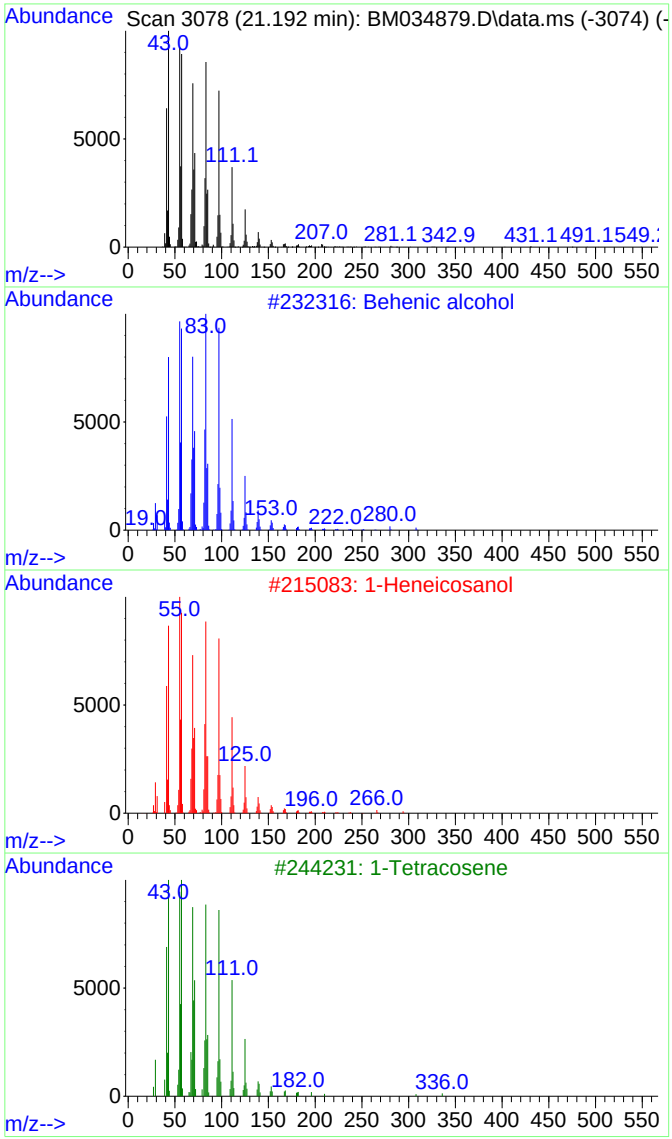
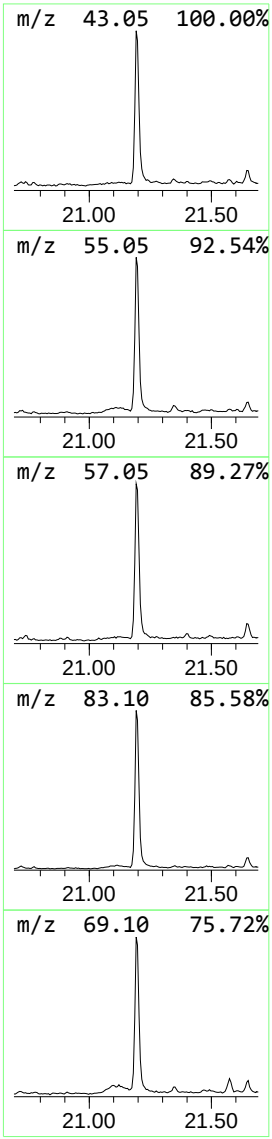
Peak Number 3 Behenic alcohol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.192	6.46 ng	1263940	Chrysene-d12	21.480

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	95
2	1-Heneicosanol	312	C21H44O	015594-90-8	95
3	1-Tetracosene	336	C24H48	010192-32-2	94
4	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94
5	Pentacos-1-ene	350	C25H50	016980-85-1	94





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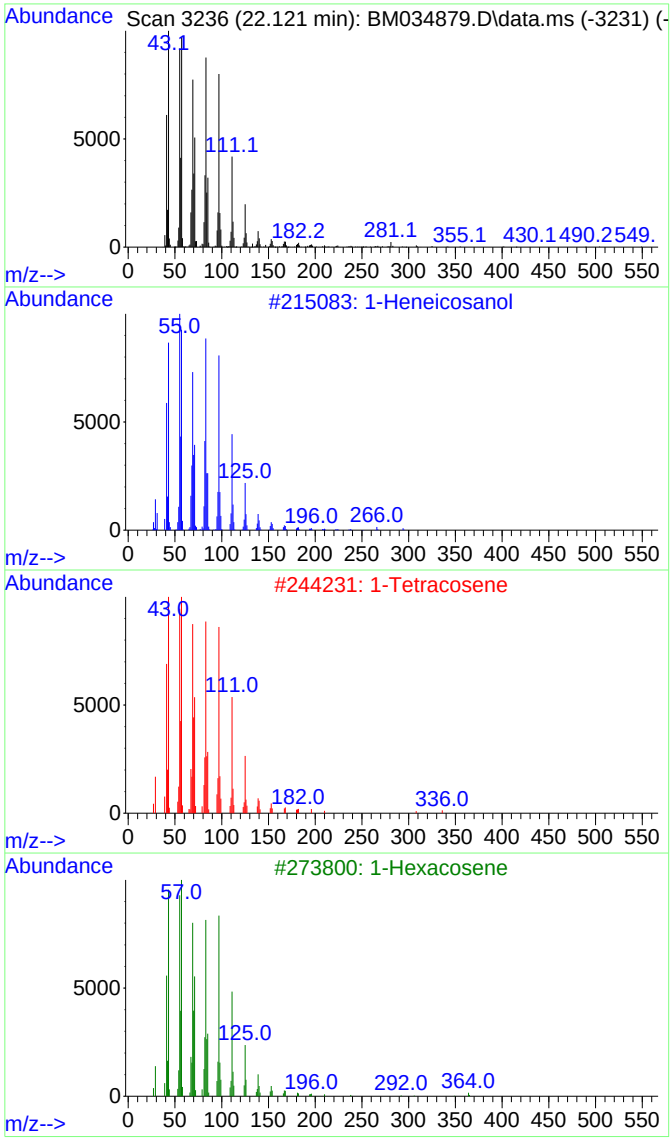
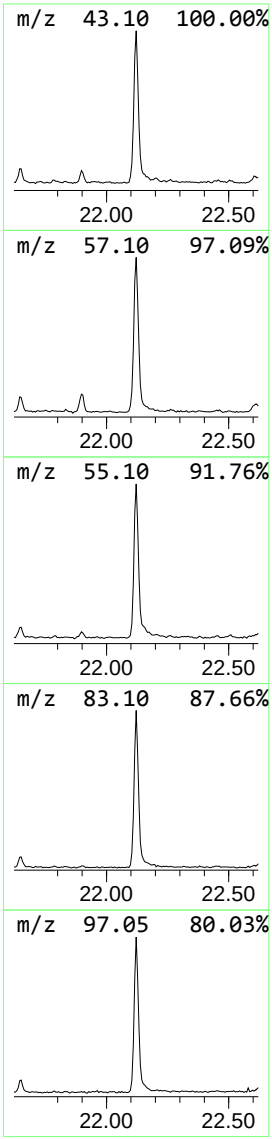
Peak Number 4 1-Heneicosanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.121	7.33 ng	1435240	Chrysene-d12	21.480

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	95
2	1-Tetracosene	336	C24H48	010192-32-2	95
3	1-Hexacosene	364	C26H52	018835-33-1	95
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
5	Heptacos-1-ene	378	C27H54	015306-27-1	94





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Ethylhexyl me...	13.786	5.5	ng	646379	3	14.563	2367620	20.0
n-Hexadecanoic ...	18.198	3.0	ng	446800	4	17.298	2973910	20.0
Behenic alcohol	21.192	6.5	ng	1263940	5	21.480	3914130	20.0
1-Heneicosanol	22.121	7.3	ng	1435240	5	21.480	3914130	20.0