LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060322\
Data File : BM035396.D
Acq On : 03 Jun 2022 15:42
Operator : CG/JU
Sample : N2987-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
P033-SS001-0006-01

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-BM060222.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM035396.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.434	392	399	416	rBV	1866270	2868478	37.38%	7.493%
2	7.034	660	671	687	rBV	1727820	2866350	37.35%	7.488%
3	7.845	802	809	817	rBV	528174	861356	11.23%	2.250%
4	9.010	998	1007	1019	rBV	1123939	1921537	25.04%	5.020%
5	10.645	1278	1285	1298	rBV	657182	1146436	14.94%	2.995%
6	13.110	1697	1704	1720	rBV	3445326	5251718	68.44%	13.719%
7	14.486	1931	1938	1945	rBV	1063392	1556417	20.28%	4.066%
8	15.980	2186	2192	2209	rBV	2607011	3825760	49.86%	9.994%
9	17.233	2397	2405	2411	rBV	1310283	1868762	24.35%	4.882%
10	17.286	2411	2414	2419	rVB2	160867	199126	2.59%	0.520%
11	17.609	2465	2469	2480	rBV3	56913	95528	1.24%	0.250%
12	18.139	2554	2559	2573	rBV	913162	1366574	17.81%	3.570%
13	18.439	2605	2610	2617	rBV2	58735	107367	1.40%	0.280%
14	19.297	2753	2756	2758	rVV	71987	85143	1.11%	0.222%
15	19.415	2772	2776	2788	rBV	416392	626799	8.17%	1.637%
16	19.862	2846	2852	2858	rBV	6224568	7673477	100.00%	20.046%
17	21.133	3065	3068	3076	rVB	784900	992857	12.94%	2.594%
18	21.339	3100	3103	3106	rBV	170867	181957	2.37%	0.475%
19	21.421	3112	3117	3127	rBV	1800928	2449690	31.92%	6.399%
20	23.780	3513	3518	3526	rVB2	1234560	2334438	30.42%	6.098%

Sum of corrected areas: 38279770

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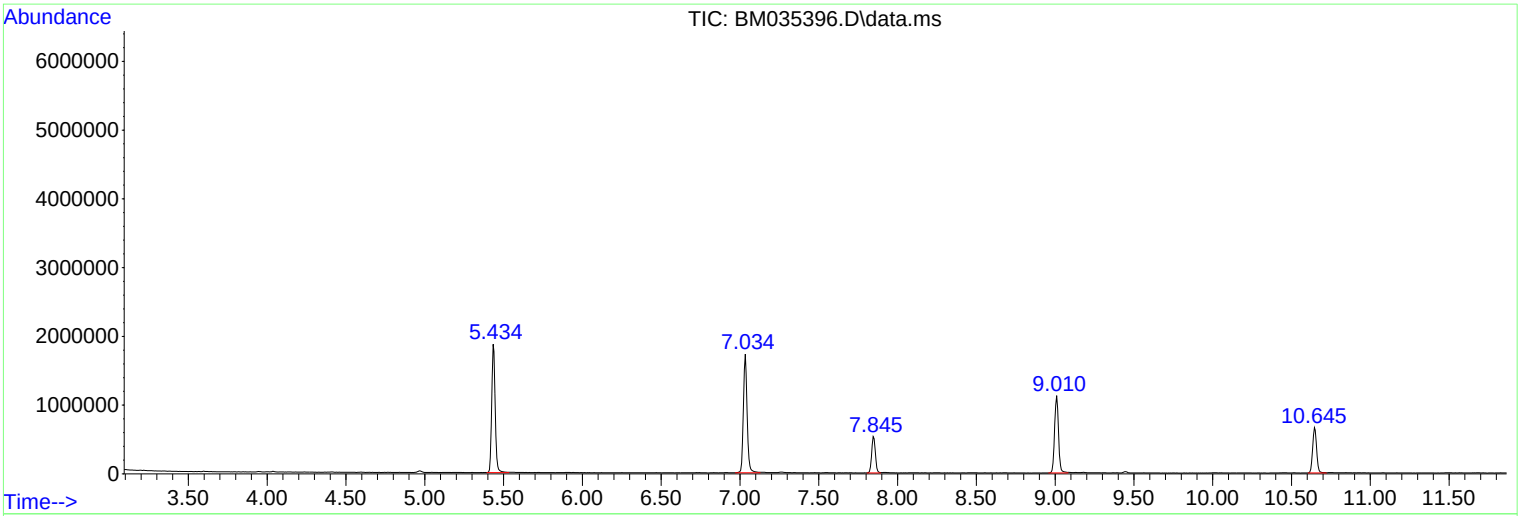
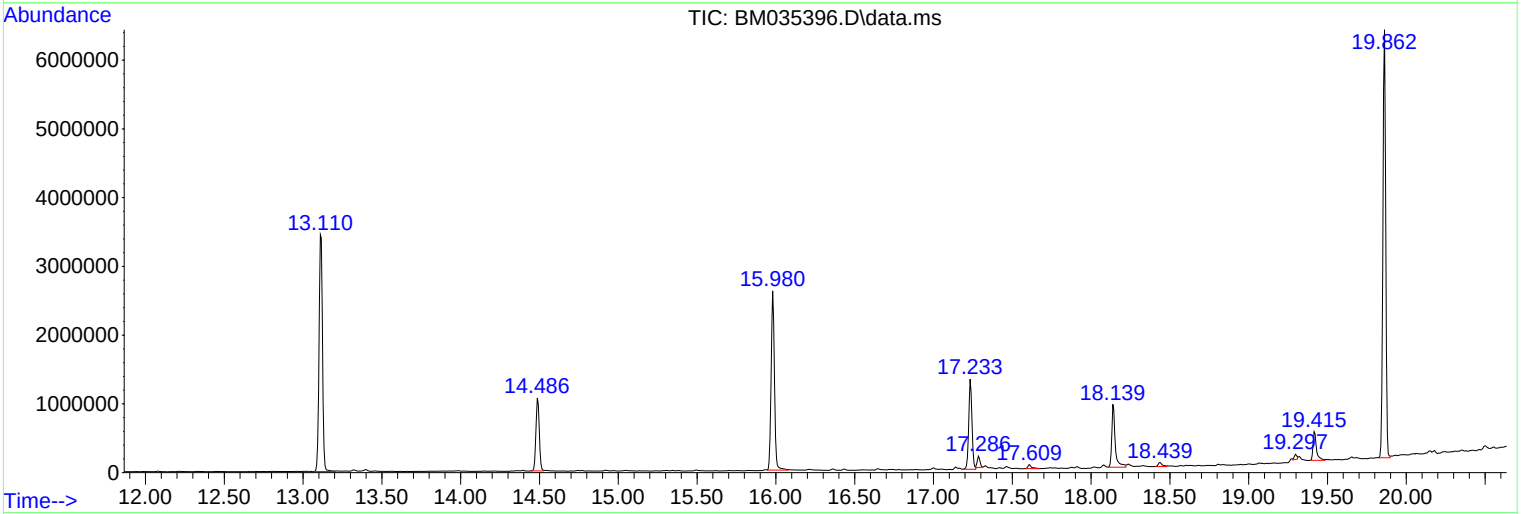
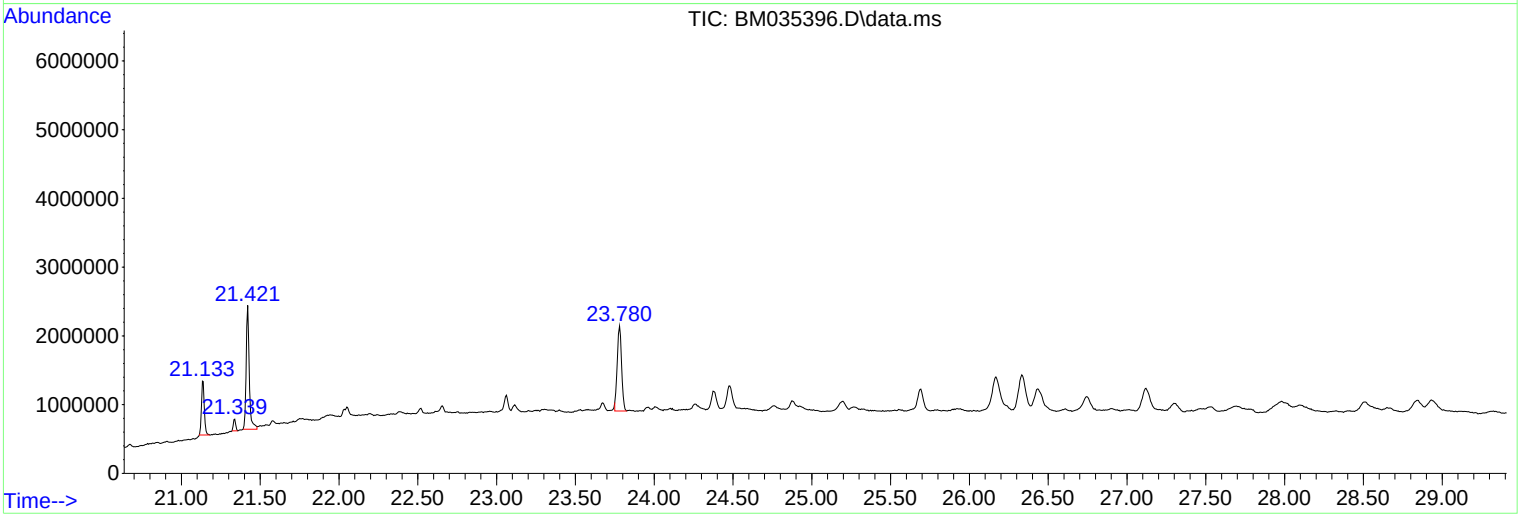
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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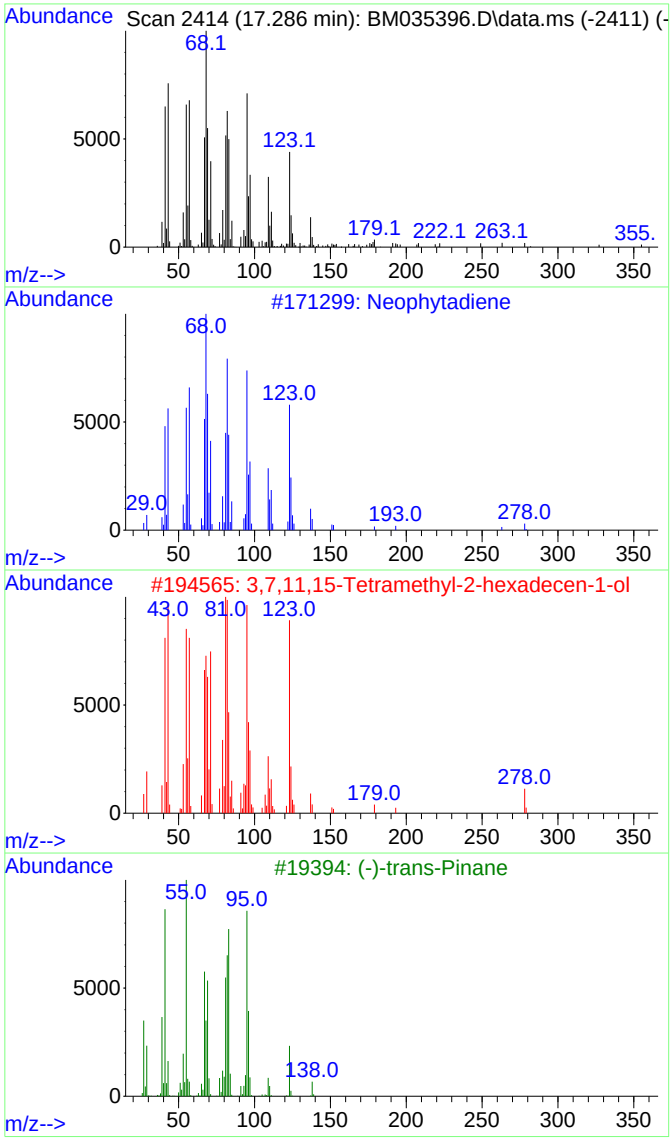
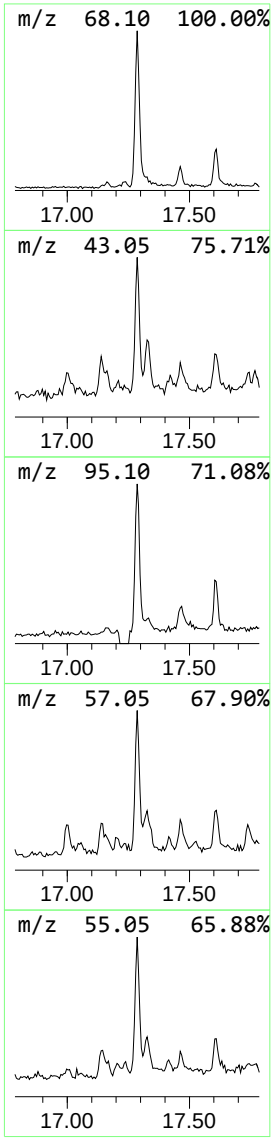
Peak Number 1 Neophytadiene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.286	2.13 ng	199126	Phenanthrene-d10	17.233

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Neophytadiene	278	C20H38	000504-96-1	97
2	3,7,11,15-Tetramethyl-2-hexadece...	296	C20H40O	102608-53-7	52
3	(-)-trans-Pinane	138	C10H18	033626-25-4	49
4	Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	004795-86-2	45
5	Bicyclo[10.8.0]eicosane, cis-	278	C20H38	1000155-82-2	41





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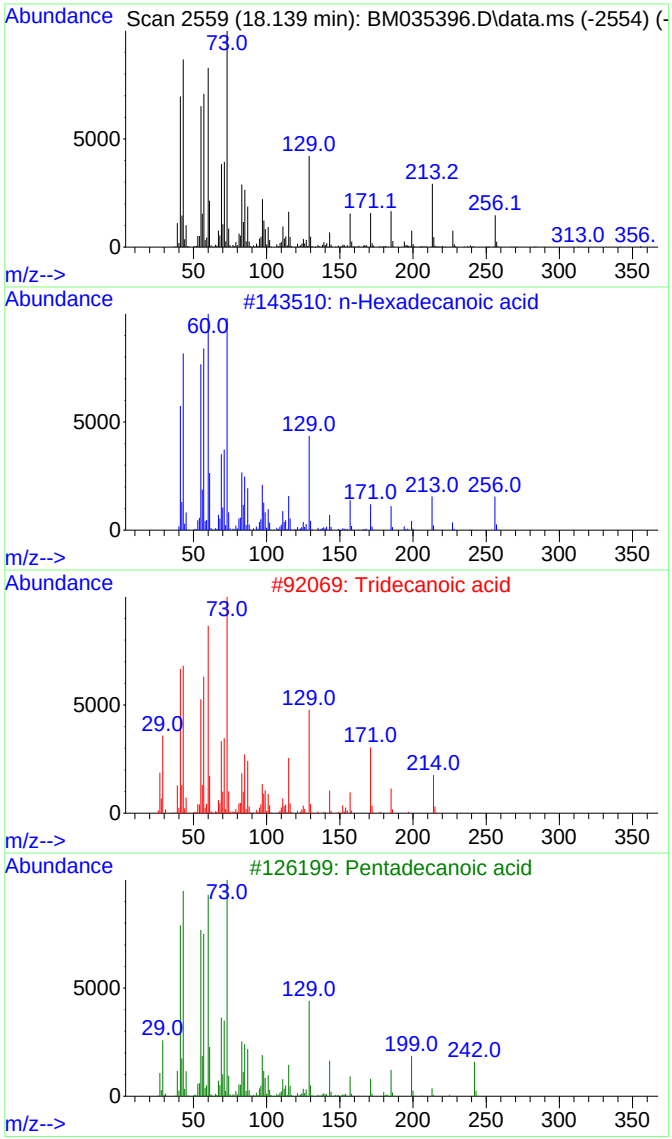
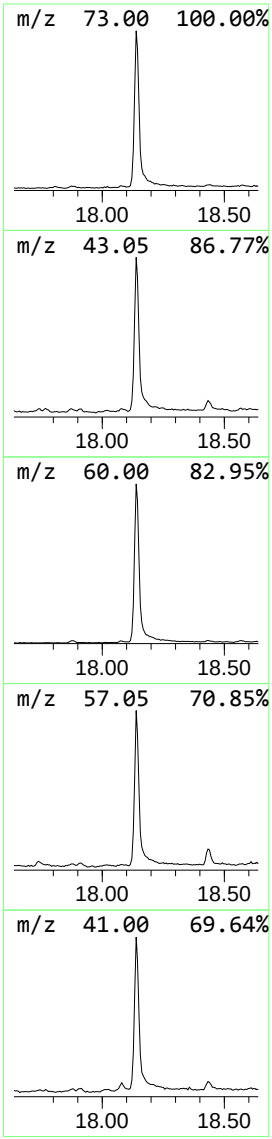
Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.139	14.63 ng	1366570	Phenanthrene-d10	17.233

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	94
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Octadecanoic acid	284	C18H36O2	000057-11-4	87
5	Undecanoic acid	186	C11H22O2	000112-37-8	74





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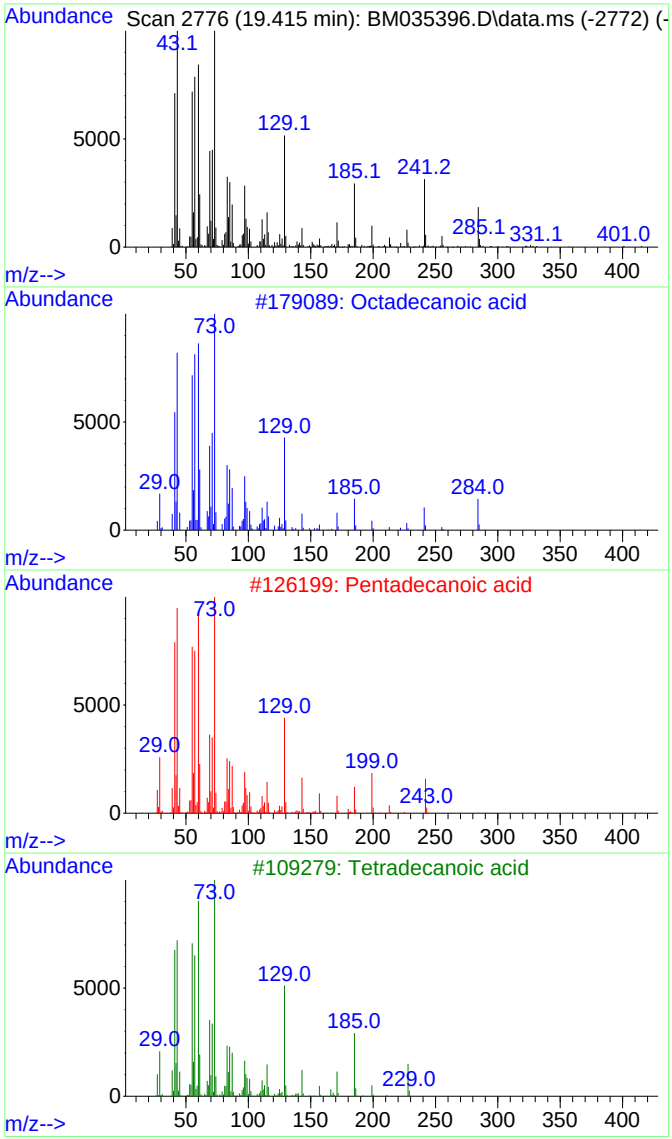
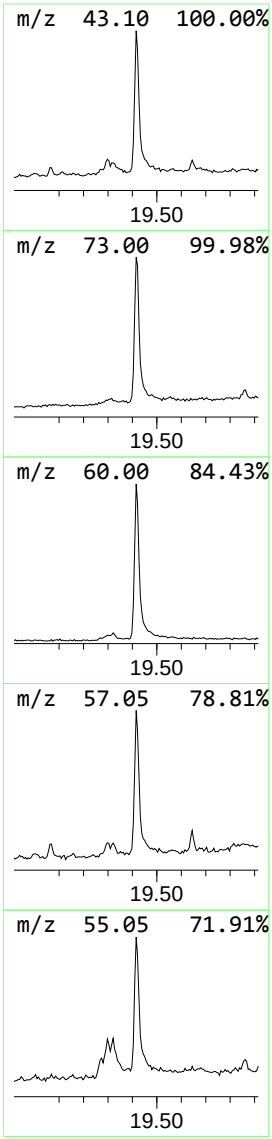
Peak Number 3 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.415	5.12 ng	626799	Chrysene-d12	21.421

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	89
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
4	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	72
5	Tridecanoic acid	214	C13H26O2	000638-53-9	64





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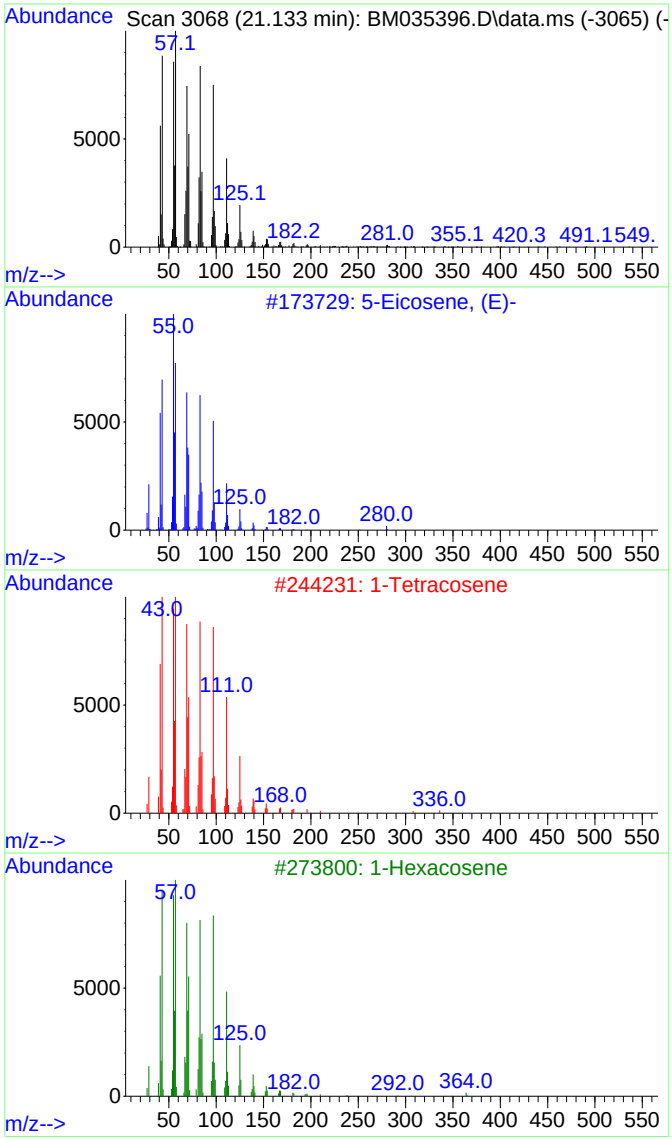
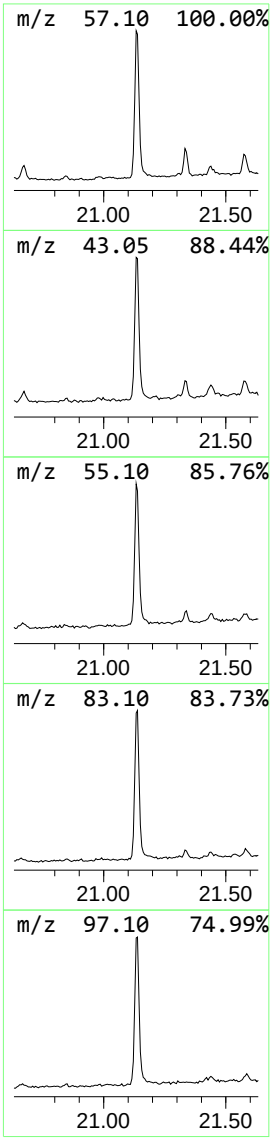
Peak Number 4 5-Eicosene, (E)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.133	8.11 ng	992857	Chrysene-d12	21.421

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	97
2	1-Tetracosene	336	C24H48	010192-32-2	95
3	1-Hexacosene	364	C26H52	018835-33-1	95
4	Pentacos-1-ene	350	C25H50	016980-85-1	94
5	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	94





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Neophytadiene	17.286	2.1	ng	199126	4	17.233	1868760	20.0
n-Hexadecanoic ...	18.139	14.6	ng	1366570	4	17.233	1868760	20.0
Octadecanoic acid	19.415	5.1	ng	626799	5	21.421	2449690	20.0
5-Eicosene, (E)-	21.133	8.1	ng	992857	5	21.421	2449690	20.0