LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022322\
Data File : BM034053.D
Acq On : 23 Feb 2022 15:24
Operator : CG/JU
Sample : N1632-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
20220090-BERKELEY-2-ELUTRIATE

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-BM022222.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM034053.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.566	388	396	405	rBV	2503762	3567022	26.47%	3.946%
2	7.166	661	668	678	rVB	1671954	2745672	20.37%	3.038%
3	8.019	805	813	820	rBV	919130	1430987	10.62%	1.583%
4	9.178	1002	1010	1023	rBV	2880739	4776955	35.45%	5.285%
5	10.607	1248	1253	1261	rVB	92876	151892	1.13%	0.168%
6	10.837	1284	1292	1299	rBV	1114531	1892234	14.04%	2.094%
7	13.283	1701	1708	1716	rBV	8175006	11987084	88.95%	13.262%
8	14.301	1873	1881	1888	rBV2	115476	191989	1.42%	0.212%
9	14.654	1933	1941	1954	rBV	1755260	2634067	19.55%	2.914%
10	15.460	2073	2078	2083	rBV2	143777	206528	1.53%	0.228%
11	16.136	2186	2193	2200	rBV	6547734	9280614	68.87%	10.268%
12	17.318	2390	2394	2400	rVB	148235	189700	1.41%	0.210%
13	17.395	2401	2407	2413	rBV	1956930	2863941	21.25%	3.169%
14	17.683	2450	2456	2468	rBV	8447192	10573302	78.46%	11.698%
15	18.071	2518	2522	2526	rVB2	184352	256931	1.91%	0.284%
16	18.301	2554	2561	2569	rBV	2985914	4868400	36.13%	5.386%
17	19.377	2741	2744	2748	rBV2	109075	152143	1.13%	0.168%
18	19.448	2753	2756	2765	rVV3	111327	249167	1.85%	0.276%
19	19.571	2770	2777	2796	rVV	6959753	11089900	82.29%	12.270%
20	20.012	2846	2852	2857	rVB	10754300	13476383	100.00%	14.910%
21	21.277	3063	3067	3073	rBV	712661	894233	6.64%	0.989%
22	21.565	3111	3116	3121	rBV	2562147	3312054	24.58%	3.664%
23	24.030	3528	3535	3546	rVB2	1729438	3594162	26.67%	3.976%

Sum of corrected areas: 90385360

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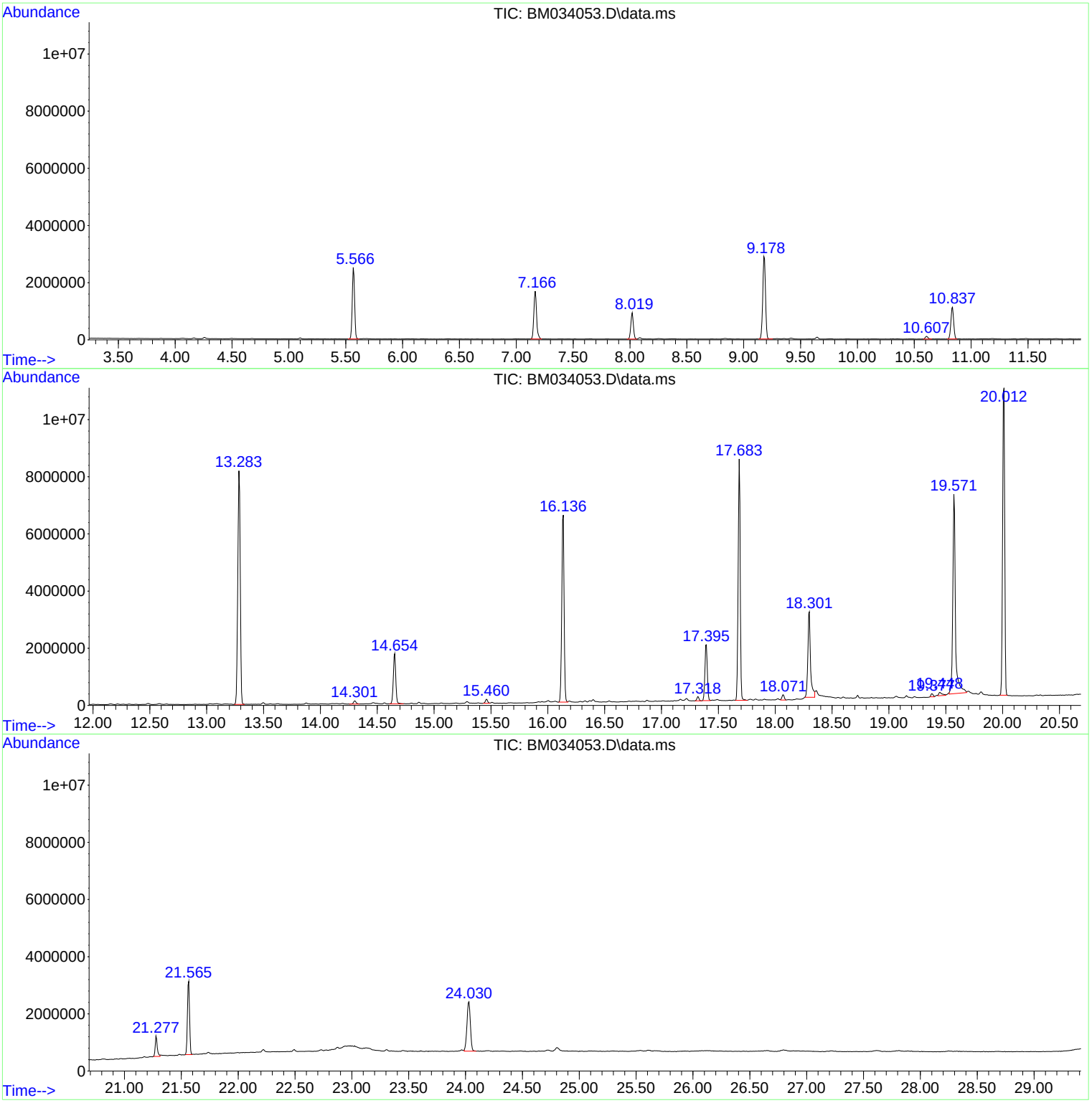
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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TIC Integration Parameters: LSCINT.P

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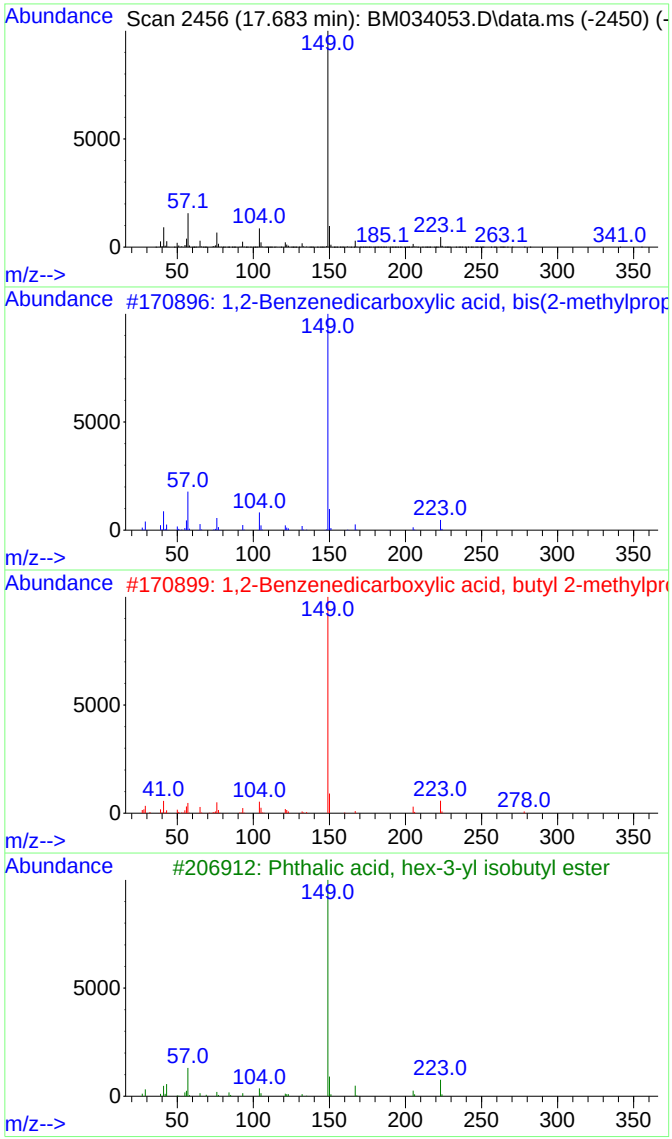
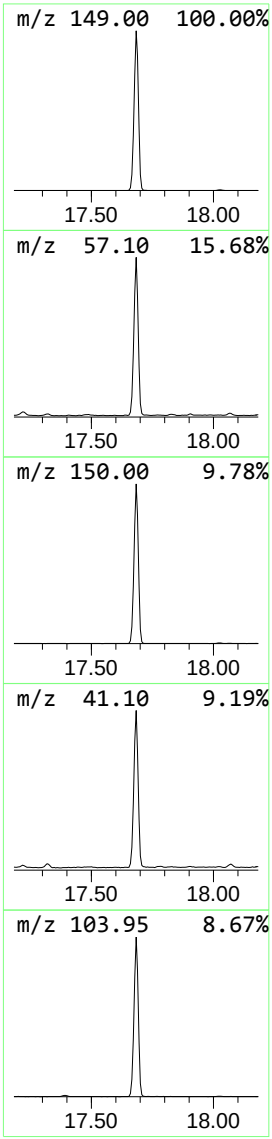
Peak Number 1 1,2-Benzenedicarboxylic aci... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.683	73.84 ng	10573300	Phenanthrene-d10	17.395

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Benzenedicarboxylic acid, bi...	278	C16H22O4	000084-69-5	91
2	1,2-Benzenedicarboxylic acid, bu...	278	C16H22O4	017851-53-5	86
3	Phthalic acid, hex-3-yl isobutyl...	306	C18H26O4	1000356-95-4	86
4	Phthalic acid, 6-ethyl-3-octyl i...	362	C22H34O4	1000315-17-9	83
5	Phthalic acid, 8-bromoctyl isobu...	412	C20H29BrO4	1000382-55-3	83





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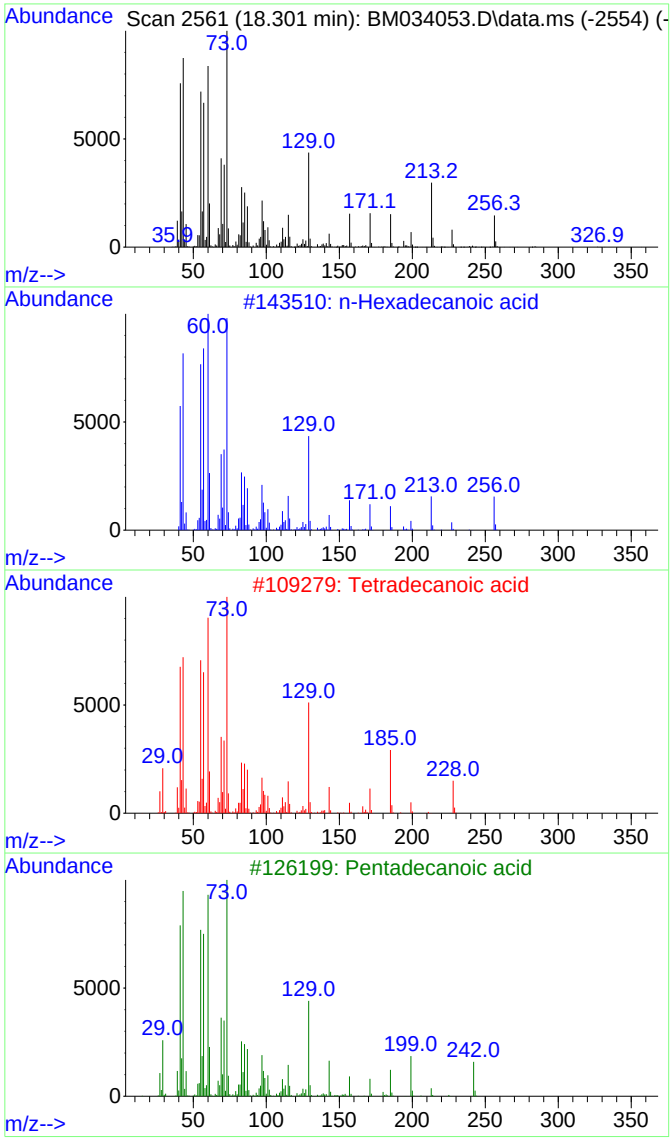
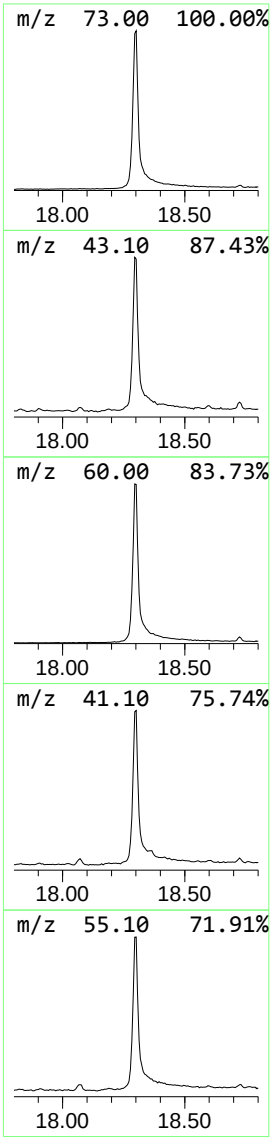
Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.301	34.00 ng	4868400	Phenanthrene-d10	17.395

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	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4	Tridecanoic acid	214	C13H26O2	000638-53-9	91
5	Octadecanoic acid	284	C18H36O2	000057-11-4	87





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Misc :
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Instrument :
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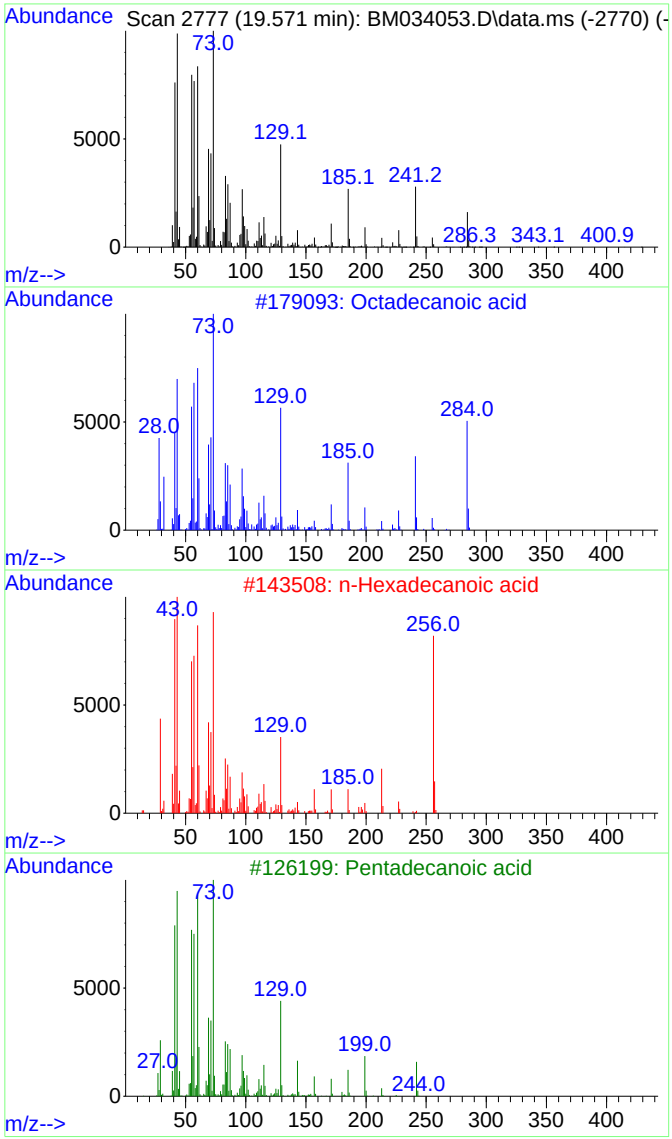
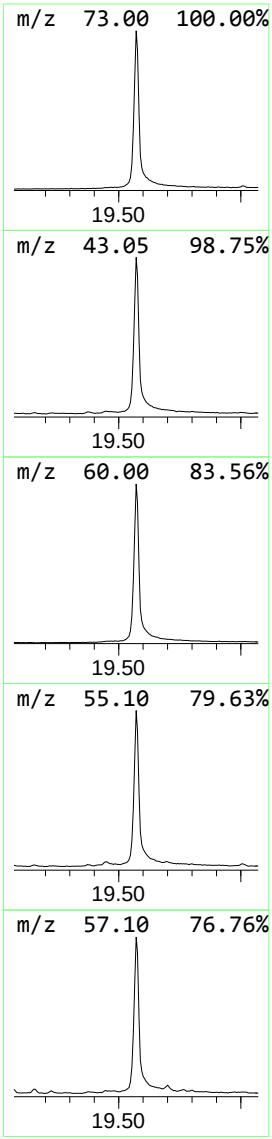
Peak Number 3 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.571	66.97 ng	11089900	Chrysene-d12	21.565

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	89
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5	Tridecanoic acid	214	C13H26O2	000638-53-9	76





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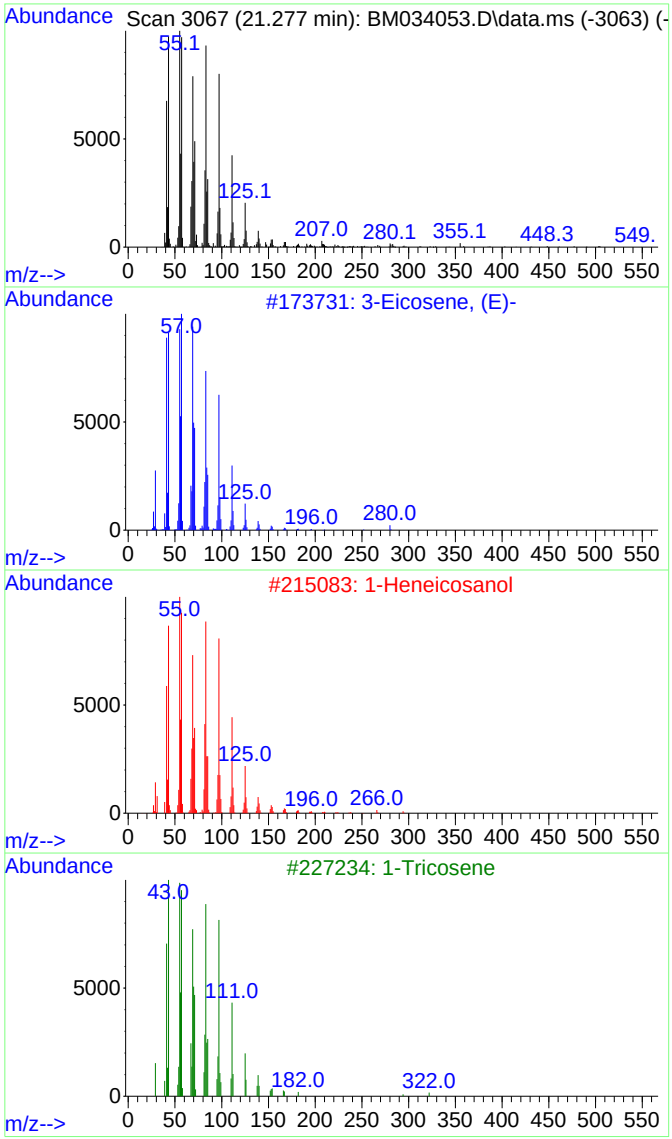
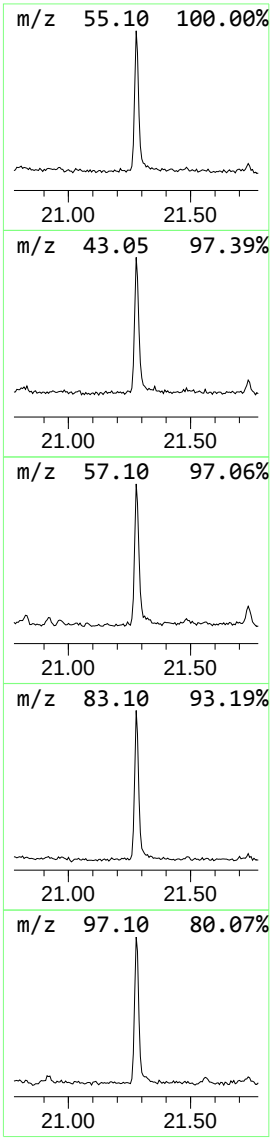
Peak Number 4 3-Eicosene, (E)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.277	5.40 ng	894233	Chrysene-d12	21.565

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	96
2	1-Heneicosanol	312	C21H44O	015594-90-8	95
3	1-Tricosene	322	C23H46	018835-32-0	94
4	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	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
1,2-Benzenedica...	17.683	73.8	ng	10573300	4	17.395	2863940	20.0
n-Hexadecanoic ...	18.301	34.0	ng	4868400	4	17.395	2863940	20.0
Octadecanoic acid	19.571	67.0	ng	11089900	5	21.565	3312050	20.0
3-Eicosene, (E)-	21.277	5.4	ng	894233	5	21.565	3312050	20.0