LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080322\
Data File : BM036079.D
Acq On : 03 Aug 2022 15:46
Operator : CG/JU
Sample : N3998-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SB-4

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-BM080122.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM036079.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.428	390	398	409	rBV	4048571	5954367	35.84%	7.621%
2	7.034	659	671	688	rBV	4114282	6690783	40.28%	8.563%
3	7.863	806	812	819	rBV	822628	1268367	7.64%	1.623%
4	9.034	1002	1011	1019	rBV	2503769	4052485	24.40%	5.187%
5	10.669	1282	1289	1299	rBV	1248302	2035879	12.26%	2.606%
6	13.134	1700	1708	1717	rBV	6990634	10168859	61.21%	13.015%
7	14.504	1934	1941	1948	rBV	2082119	2952097	17.77%	3.778%
8	15.986	2187	2193	2210	rBV	6058926	8988145	54.11%	11.504%
9	17.245	2401	2407	2413	rBV	2628986	3687098	22.20%	4.719%
10	17.922	2518	2522	2528	rBV	157776	193282	1.16%	0.247%
11	18.145	2555	2560	2571	rBV	1469316	2206448	13.28%	2.824%
12	19.422	2773	2777	2793	rBV	832891	1232193	7.42%	1.577%
13	19.874	2848	2854	2859	rBV	13333147	16611733	100.00%	21.261%
14	21.145	3065	3070	3080	rBV	1944706	2523463	15.19%	3.230%
15	21.427	3113	3118	3125	rBV	3670707	4533025	27.29%	5.802%
16	23.792	3514	3520	3534	rVB2	2522851	5034863	30.31%	6.444%

Sum of corrected areas: 78133087

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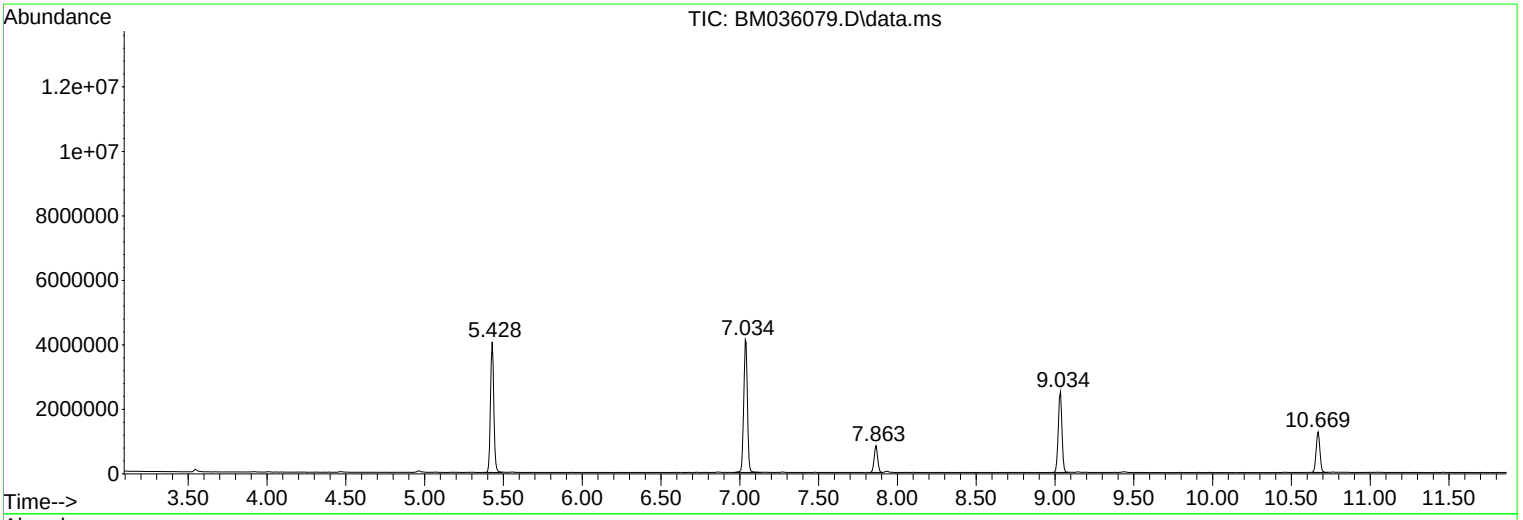
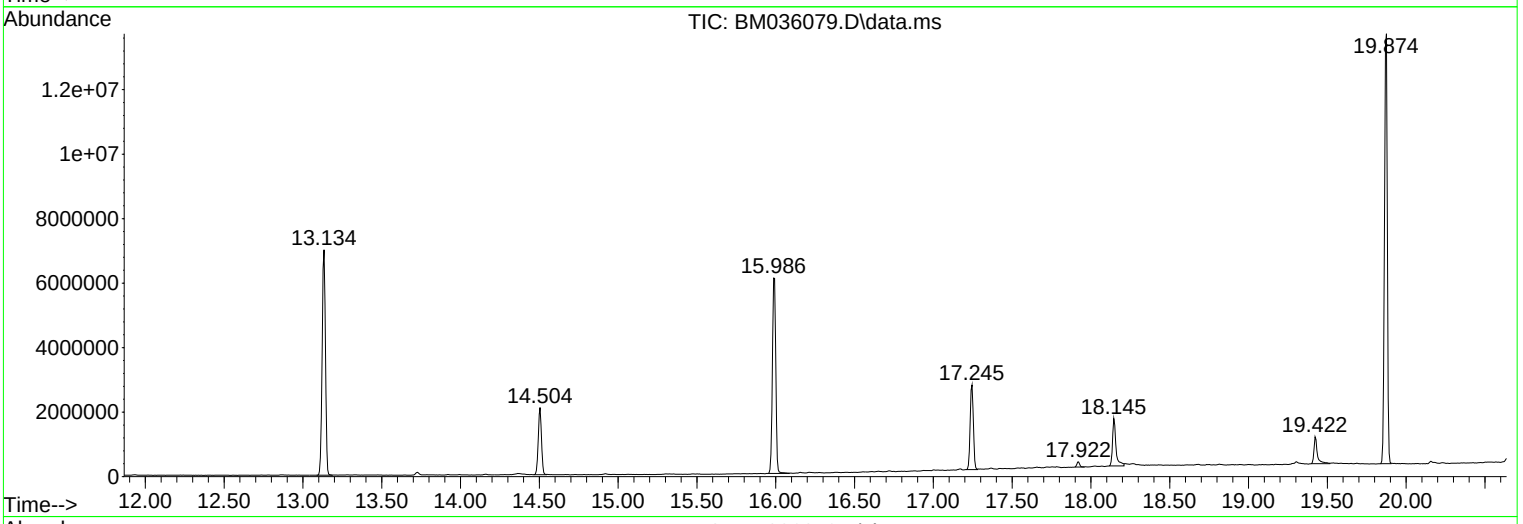
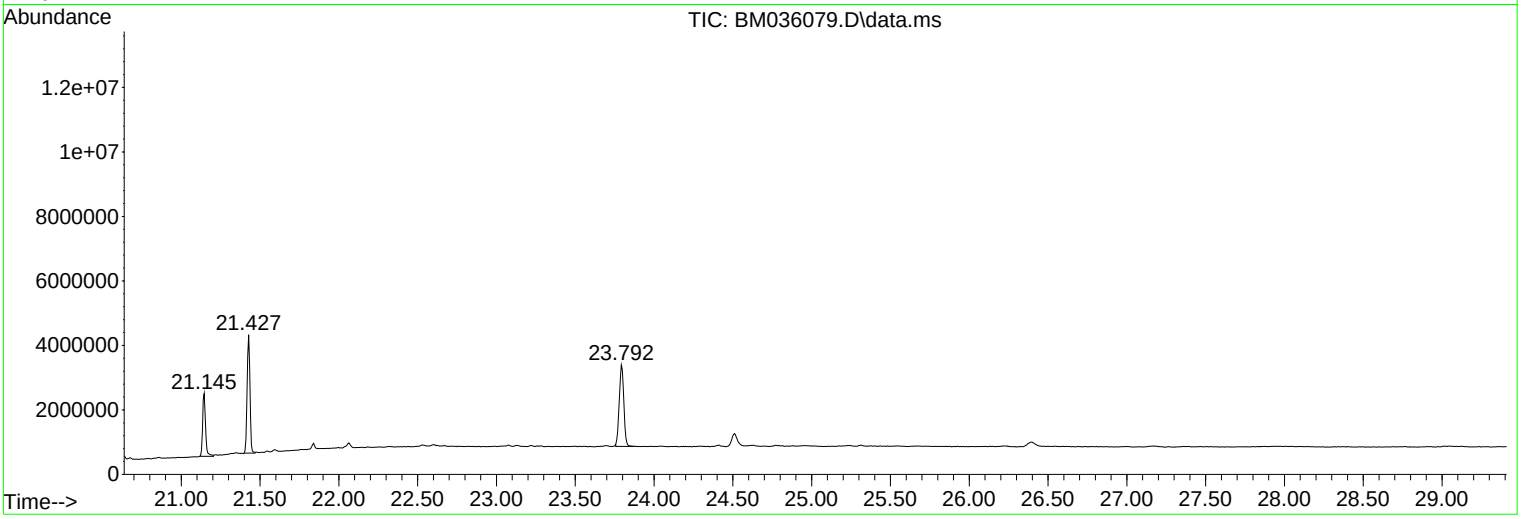
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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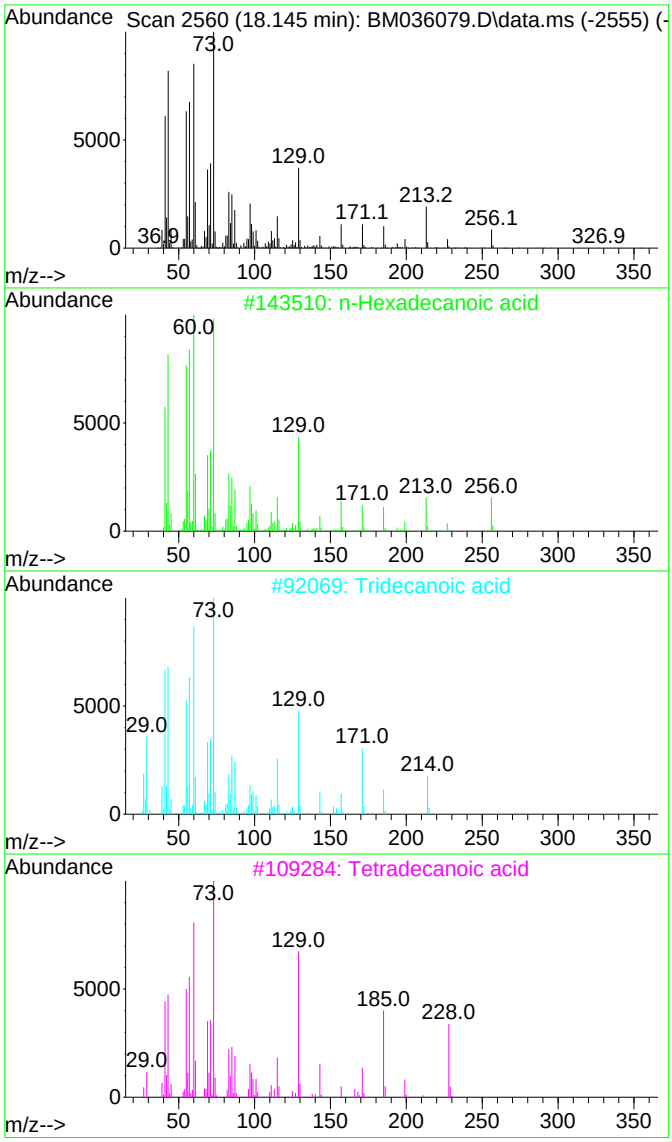
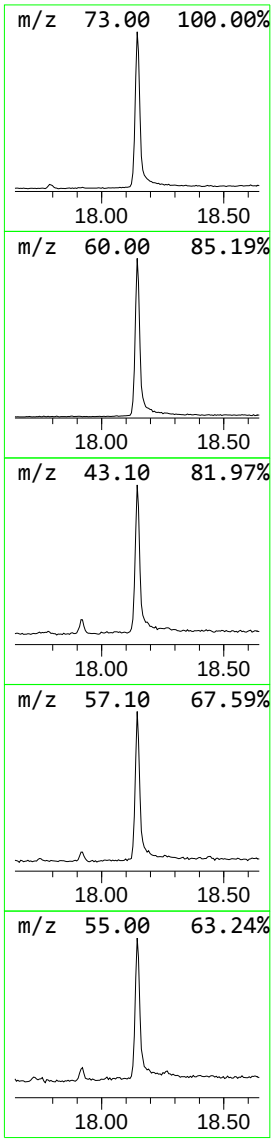
Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.145	11.97 ng	2206450	Phenanthrene-d10	17.245

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	91
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
5	Carbonic acid, hexadecyl prop-1-...	326	C20H38O3	1000382-90-3	20





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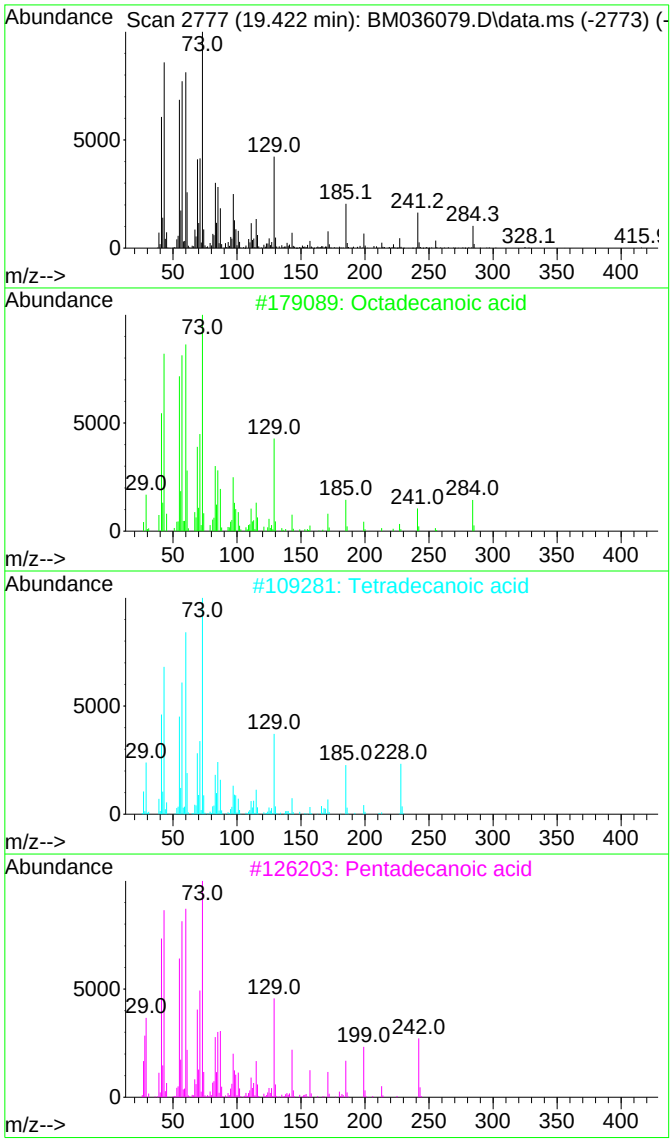
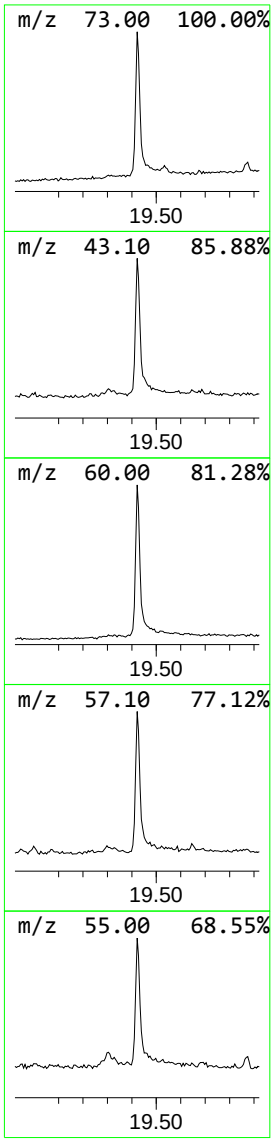
Peak Number 2 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.422	5.44 ng	1232190	Chrysene-d12	21.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	68
4	Tridecanoic acid	214	C13H26O2	000638-53-9	62
5	Hexadecane	226	C16H34	000544-76-3	25





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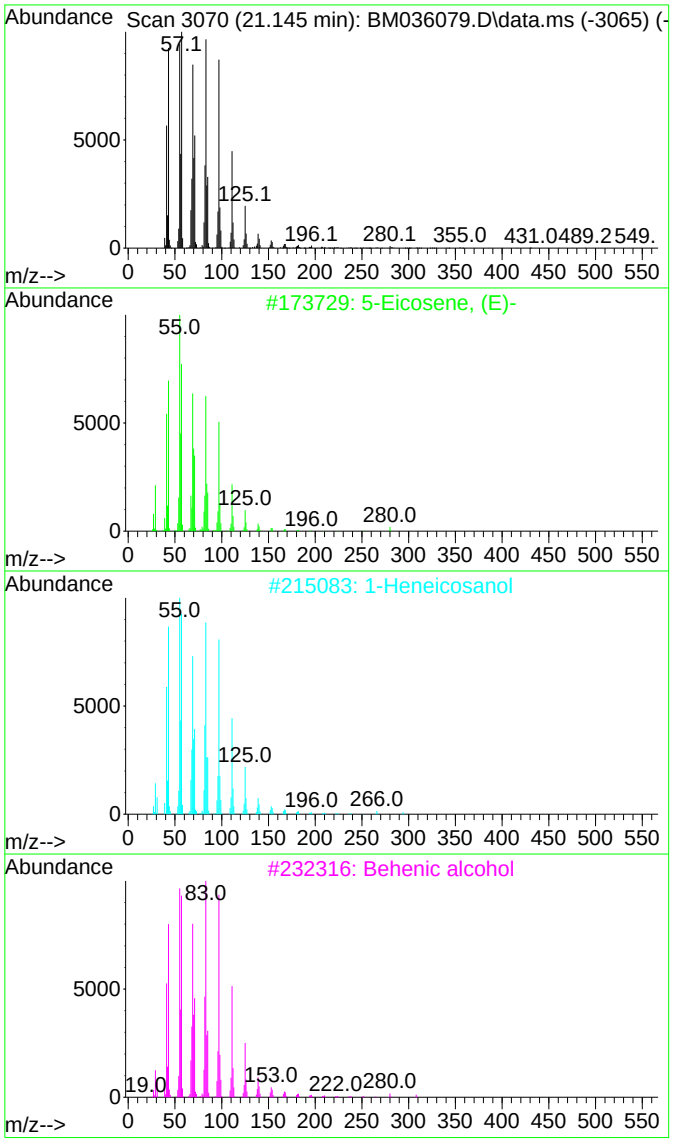
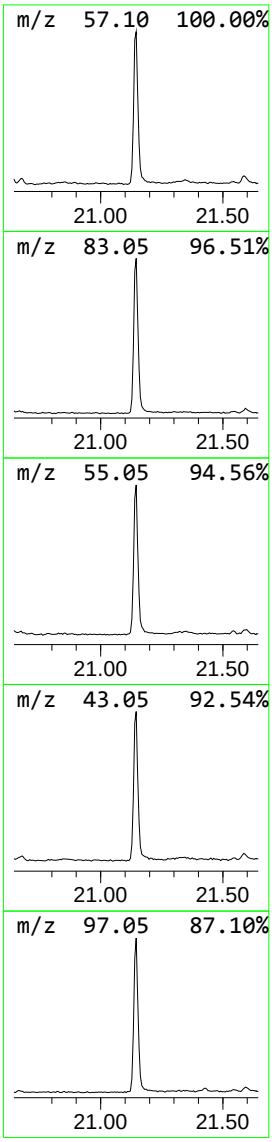
Peak Number 3 5-Eicosene, (E)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.145	11.13 ng	2523460	Chrysene-d12	21.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	99
2	1-Heneicosanol	312	C21H44O	015594-90-8	95
3	Behenic alcohol	326	C22H46O	000661-19-8	94
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	94
5	Pentacos-1-ene	350	C25H50	016980-85-1	94





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexadecanoic ...	18.145	12.0	ng	2206450	4	17.245	3687100	20.0
Octadecanoic acid	19.422	5.4	ng	1232190	5	21.427	4533030	20.0
5-Eicosene, (E)-	21.145	11.1	ng	2523460	5	21.427	4533030	20.0