LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032222\
Data File : BM034318.D
Acq On : 22 Mar 2022 20:03
Operator : CG/JU
Sample : N1960-16
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SB-13-20220316-18.0-19.0

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-BM031522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM034318.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.490	377	383	393	rBV	2094512	3051362	60.29%	9.872%
2	7.095	648	656	667	rBV	2020865	3126863	61.78%	10.116%
3	7.936	792	799	807	rBV	565751	892501	17.63%	2.887%
4	9.101	989	997	1014	rBV	1201474	2000648	39.53%	6.472%
5	10.748	1270	1277	1284	rBV	708150	1173931	23.19%	3.798%
6	13.207	1688	1695	1707	rBV	2678540	3853128	76.13%	12.466%
7	14.407	1892	1899	1909	rBV2	23992	64515	1.27%	0.209%
8	14.577	1922	1928	1935	rBV	1006902	1456800	28.78%	4.713%
9	16.059	2172	2180	2191	rBV	2307802	3265041	64.51%	10.563%
10	17.318	2388	2394	2400	rBV	1124113	1627673	32.16%	5.266%
11	18.212	2539	2546	2557	rBV2	217059	388845	7.68%	1.258%
12	19.371	2736	2743	2747	rBV	61836	106838	2.11%	0.346%
13	19.489	2759	2763	2767	rBV4	51607	82355	1.63%	0.266%
14	19.730	2800	2804	2812	rVB	65009	113806	2.25%	0.368%
15	19.936	2833	2839	2854	rBV	4126533	5061496	100.00%	16.375%
16	21.200	3050	3054	3066	rBV	661135	822791	16.26%	2.662%
17	21.489	3098	3103	3121	rBV	1337149	1985375	39.23%	6.423%
18	23.900	3507	3513	3524	rVB2	876212	1836046	36.27%	5.940%

Sum of corrected areas: 30910014

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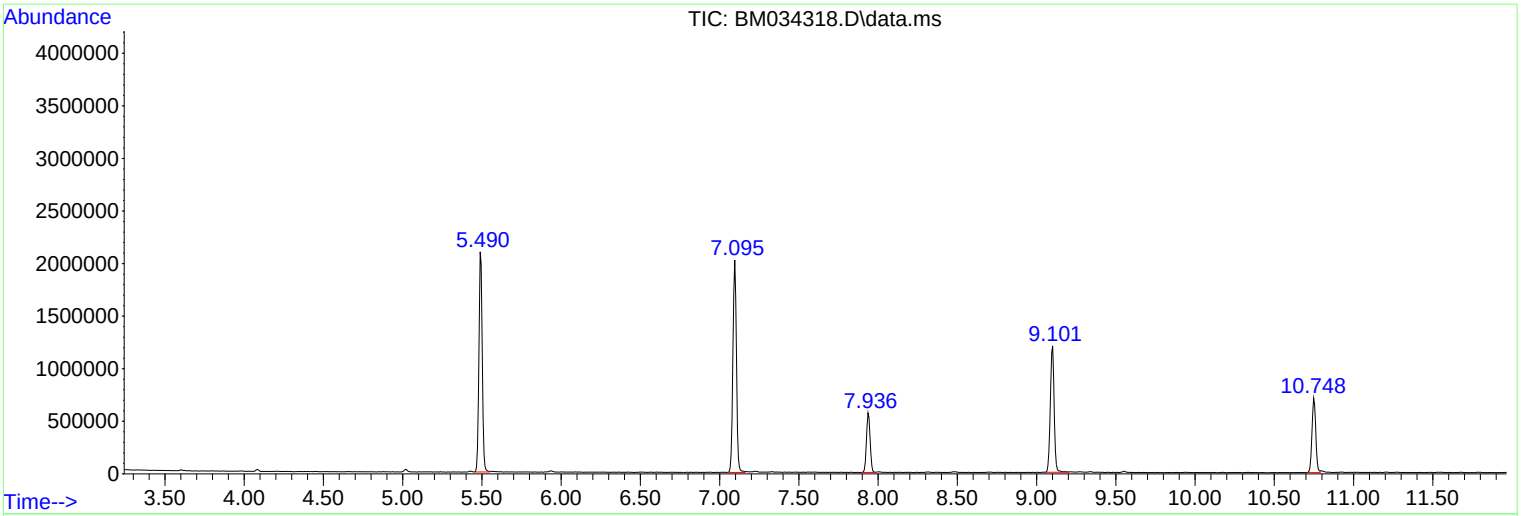
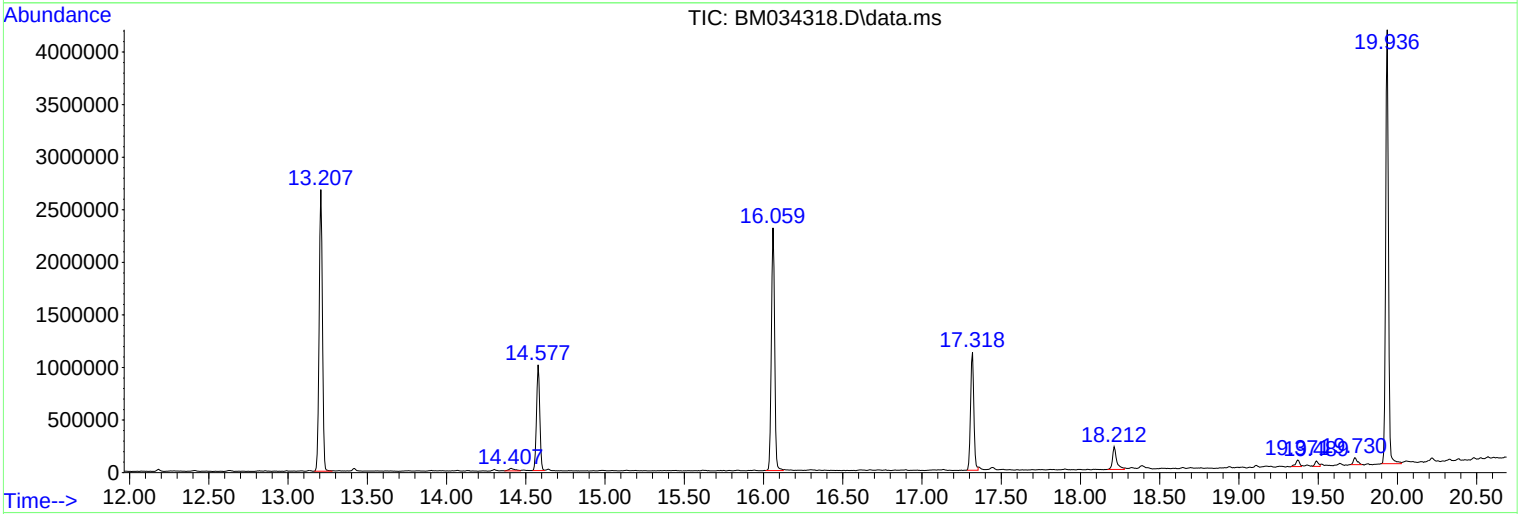
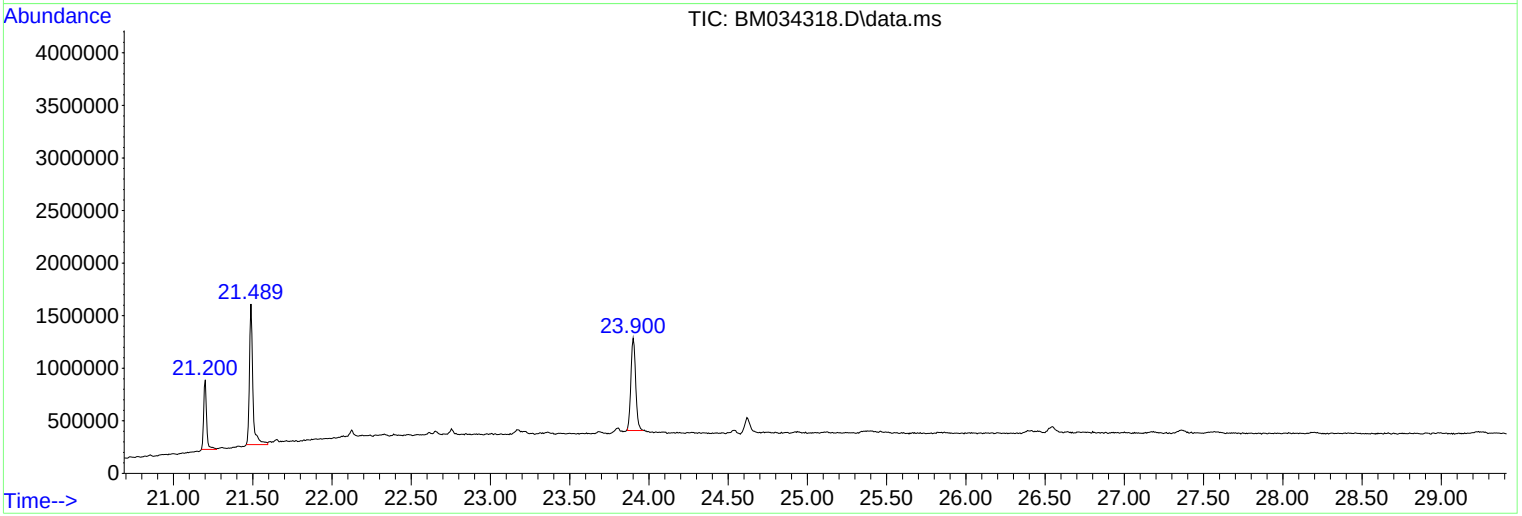
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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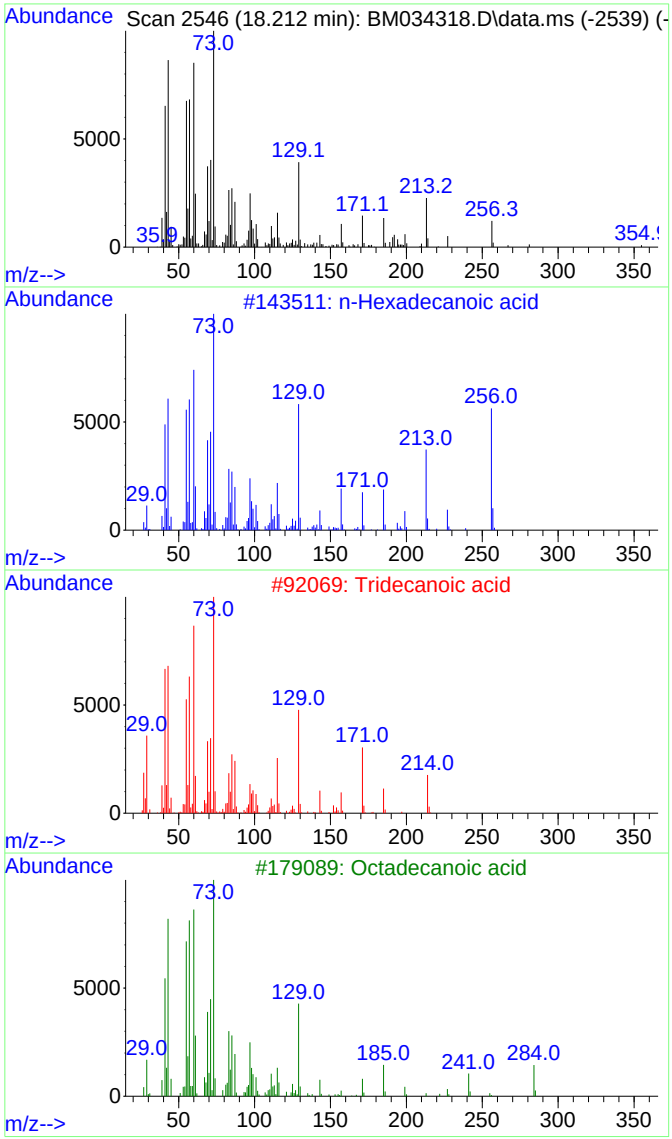
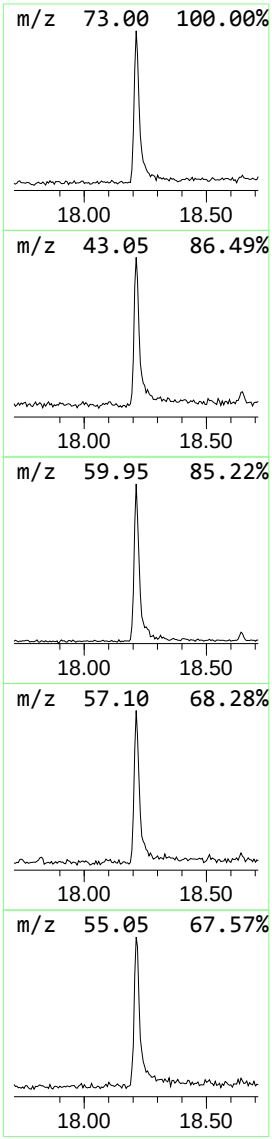
Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.212	4.78 ng	388845	Phenanthrene-d10	17.318

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	Octadecanoic acid	284	C18H36O2	000057-11-4	93
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
5	n-Decanoic acid	172	C10H20O2	000334-48-5	68





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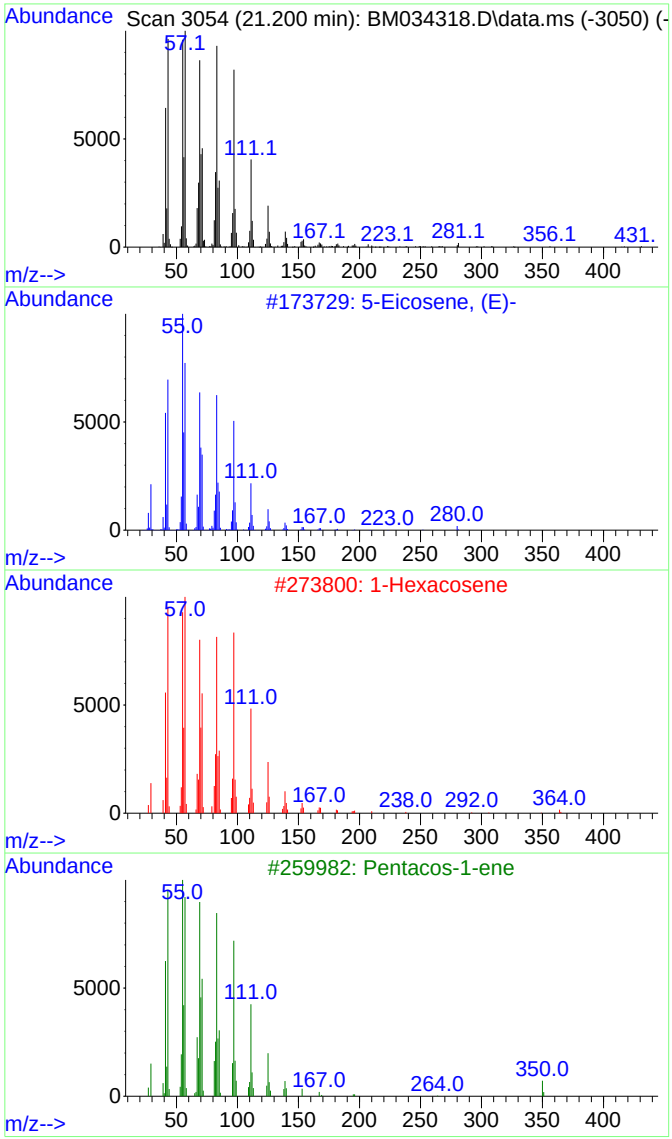
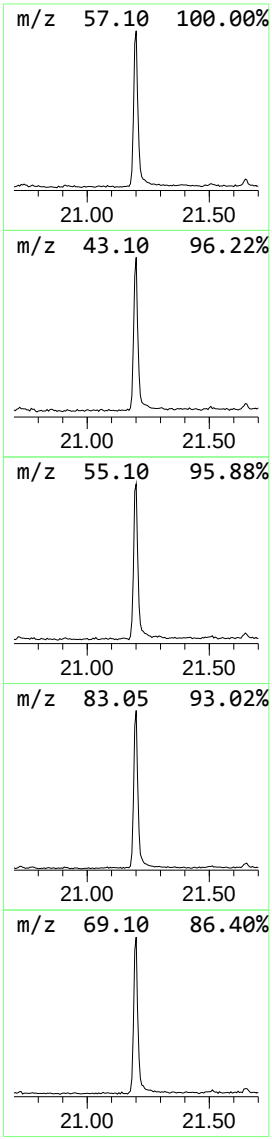
Peak Number 2 5-Eicosene, (E)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.200	8.29 ng	822791	Chrysene-d12	21.489

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	99
2	1-Hexacosene	364	C26H52	018835-33-1	94
3	Pentacos-1-ene	350	C25H50	016980-85-1	94
4	1-Heneicosanol	312	C21H44O	015594-90-8	94
5	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	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
n-Hexadecanoic ...	18.212	4.8	ng	388845	4	17.318	1627670	20.0
5-Eicosene, (E)-	21.200	8.3	ng	822791	5	21.489	1985380	20.0