LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032222\
Data File : BM034324.D
Acq On : 22 Mar 2022 23:40
Operator : CG/JU
Sample : N1949-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CP-BH2-031422-2-4

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

Signal : TIC: BM034324.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.019	298	303	309	rBV2	47912	70283	1.07%	0.202%
2	5.490	377	383	393	rBV	2265964	3340648	51.06%	9.615%
3	7.096	649	656	668	rBV	2285147	3585214	54.80%	10.319%
4	7.937	792	799	806	rBV	641302	997668	15.25%	2.871%
5	9.101	989	997	1009	rBV	1342574	2297526	35.12%	6.613%
6	10.748	1268	1277	1286	rBV	802943	1373517	21.00%	3.953%
7	13.207	1688	1695	1707	rBV	3439129	4953008	75.71%	14.255%
8	14.401	1891	1898	1909	rBV3	25873	72474	1.11%	0.209%
9	14.578	1921	1928	1940	rVB	1142048	1683540	25.73%	4.845%
10	16.060	2173	2180	2193	rBV	2509282	3582833	54.77%	10.312%
11	17.319	2387	2394	2404	rBV	1271155	1833314	28.02%	5.277%
12	18.213	2542	2546	2555	rBV2	111192	184604	2.82%	0.531%
13	19.936	2833	2839	2850	rBV	5314972	6542070	100.00%	18.829%
14	21.195	3050	3053	3060	rBV	277342	366653	5.60%	1.055%
15	21.489	3098	3103	3111	rBV	1371941	1858572	28.41%	5.349%
16	23.900	3507	3513	3521	rVB2	988772	2002948	30.62%	5.765%

Sum of corrected areas: 34744872

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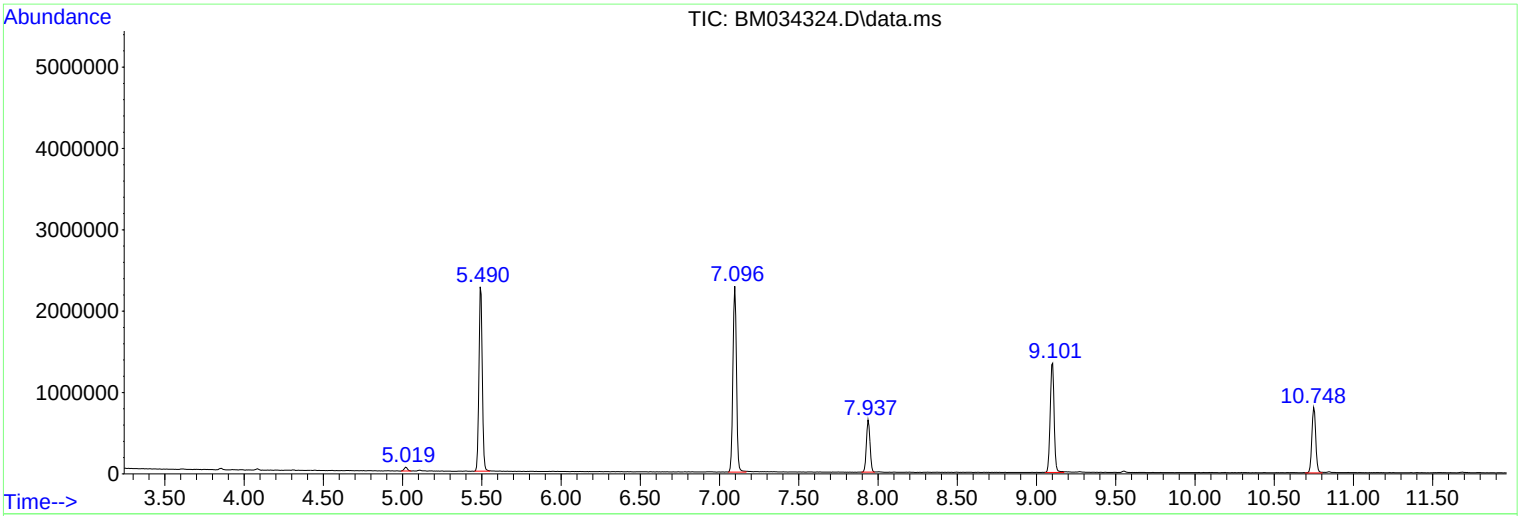
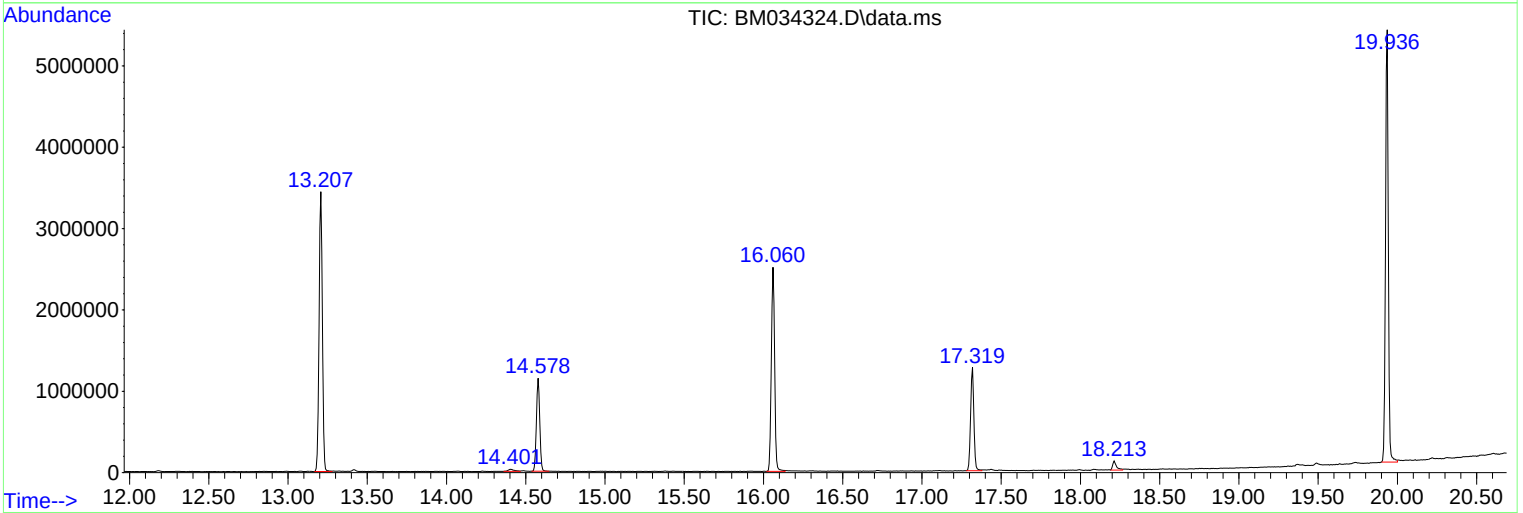
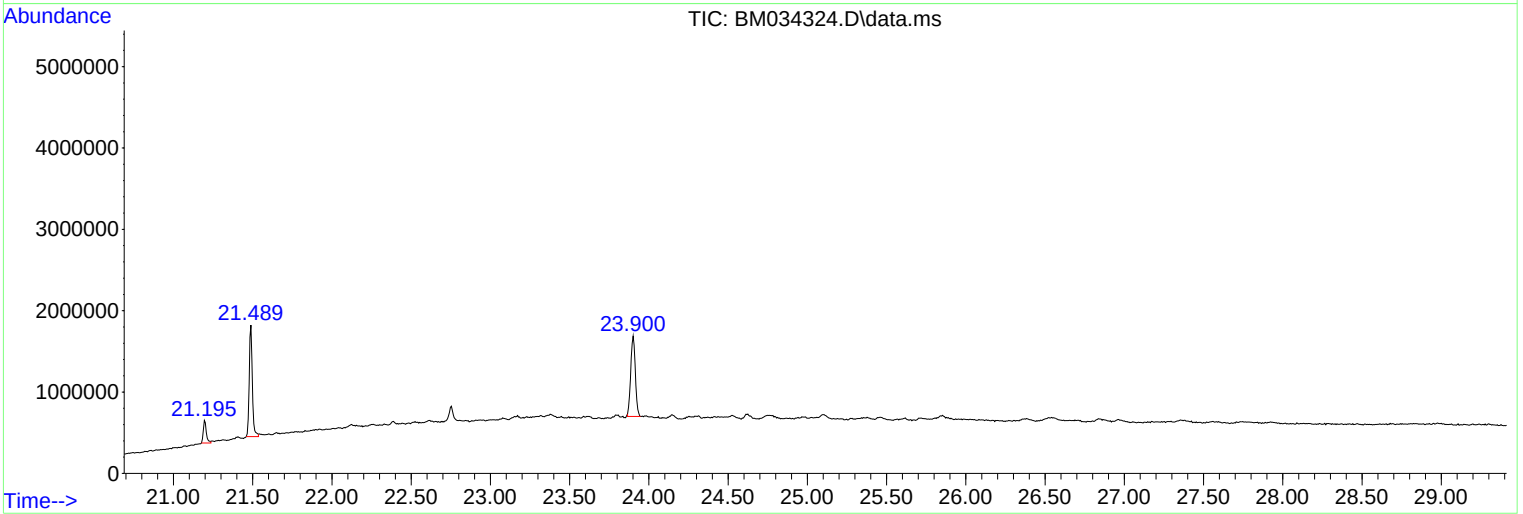
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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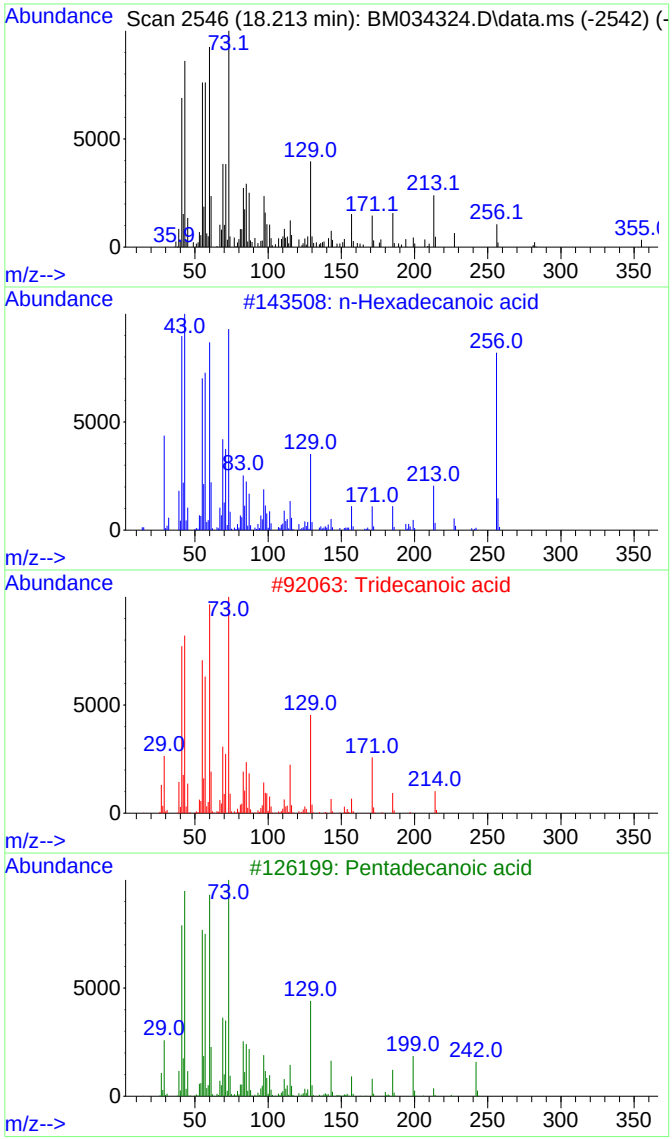
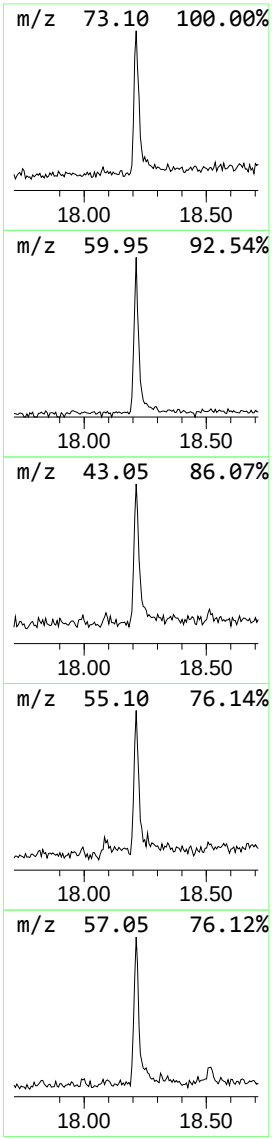
Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.213	2.01 ng	184604	Phenanthrene-d10	17.319

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	91
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	Octadecanoic acid	284	C18H36O2	000057-11-4	87
5	n-Decanoic acid	172	C10H20O2	000334-48-5	76





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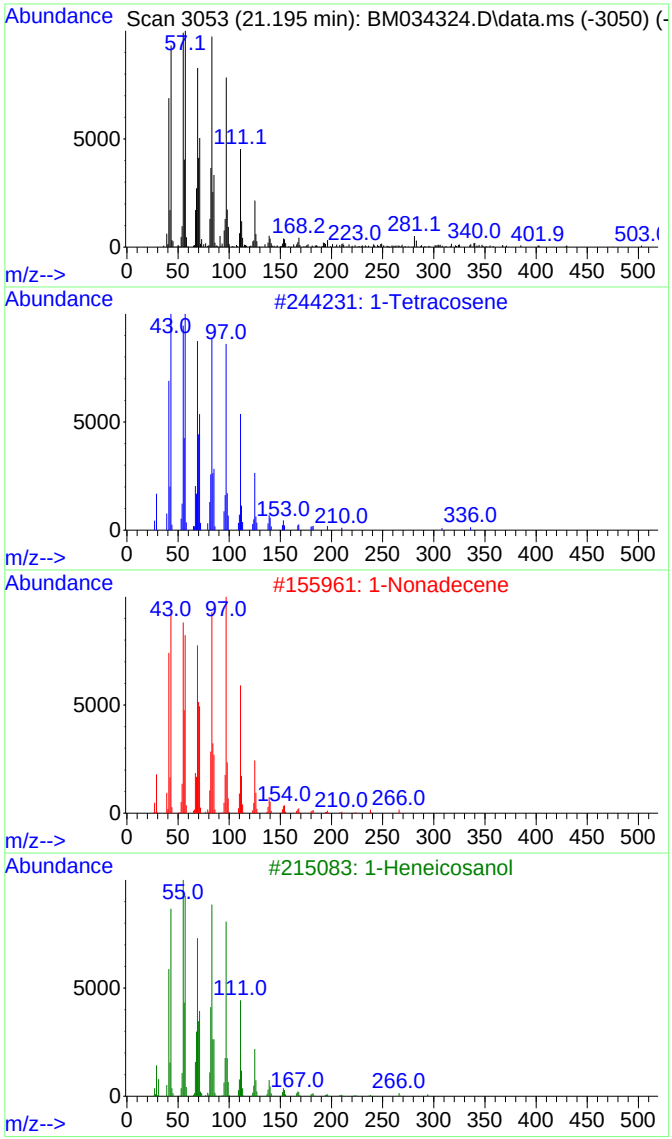
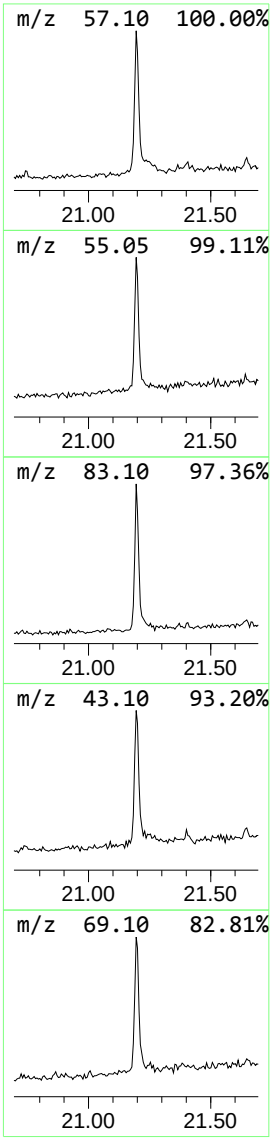
Peak Number 2 1-Tetracosene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.195	3.95 ng	366653	Chrysene-d12	21.489

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tetracosene	336	C24H48	010192-32-2	98
2	1-Nonadecene	266	C19H38	018435-45-5	98
3	1-Heneicosanol	312	C21H44O	015594-90-8	94
4	1-Hexacosene	364	C26H52	018835-33-1	94
5	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94





Tentatively Identified Compound (LSC) summary

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexadecanoic ...	18.213	2.0	ng	184604	4	17.319	1833310	20.0
1-Tetracosene	21.195	4.0	ng	366653	5	21.489	1858570	20.0