LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM073123\
Data File : BM041197.D
Acq On : 31 Jul 2023 19:55
Operator : MA/JU
Sample : 03741-16
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-P28A

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-BM072823.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM041197.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.369	365	371	387	rBV	1829924	2662279	48.65%	8.337%
2	6.981	638	645	660	rBV	1805781	2810483	51.35%	8.801%
3	7.799	778	784	794	rBV	661433	1018513	18.61%	3.189%
4	8.975	976	984	996	rBV	1087232	1772524	32.39%	5.550%
5	10.610	1254	1262	1275	rBV	792229	1346868	24.61%	4.218%
6	13.087	1675	1683	1696	rBV	2651164	3915712	71.55%	12.262%
7	13.928	1816	1826	1833	rBV	121906	187651	3.43%	0.588%
8	14.463	1911	1917	1933	rVB	1118818	1660368	30.34%	5.199%
9	15.222	2041	2046	2050	rBV	62107	82172	1.50%	0.257%
10	15.963	2166	2172	2181	rBV	2192250	3116237	56.94%	9.758%
11	17.222	2380	2386	2397	rBV	1353813	1930378	35.27%	6.045%
12	18.069	2526	2530	2535	rBV4	45311	85730	1.57%	0.268%
13	18.127	2535	2540	2550	rVV	497655	784318	14.33%	2.456%
14	19.410	2754	2758	2764	rBV2	136696	229469	4.19%	0.719%
15	19.863	2829	2835	2843	rBV	4493180	5472678	100.00%	17.137%
16	21.133	3047	3051	3058	rVB	363807	542159	9.91%	1.698%
17	21.421	3096	3100	3109	rBV	1630416	2142042	39.14%	6.708%
18	23.792	3498	3503	3513	rVB	1113518	2175105	39.74%	6.811%

Sum of corrected areas: 31934686

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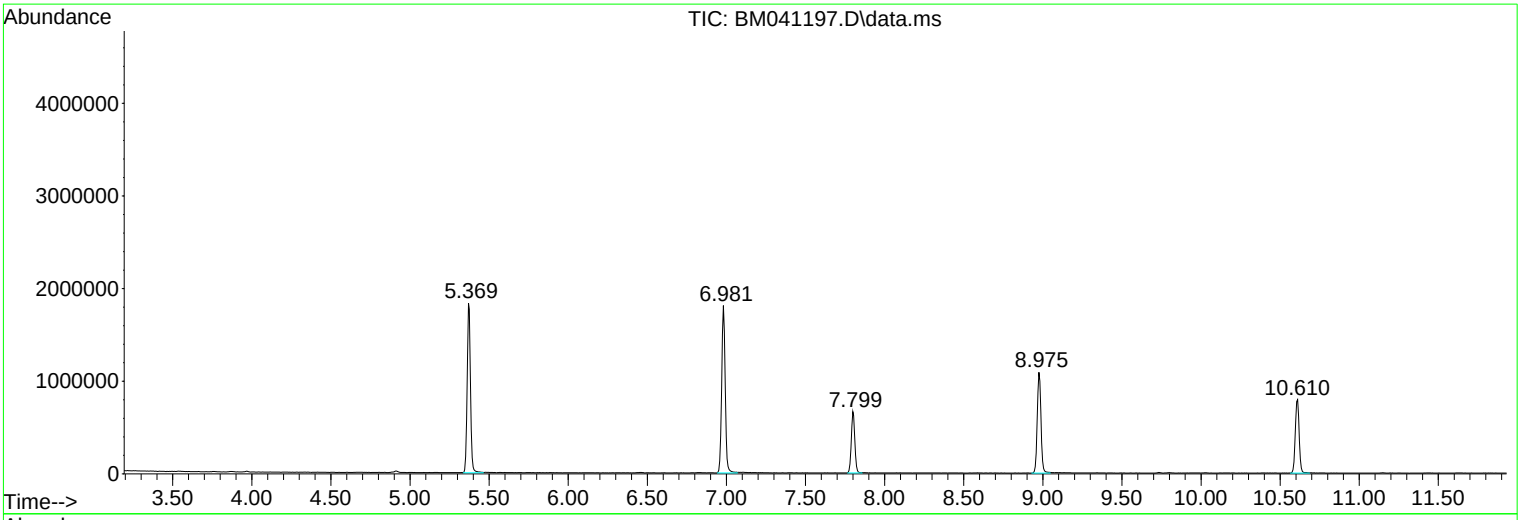
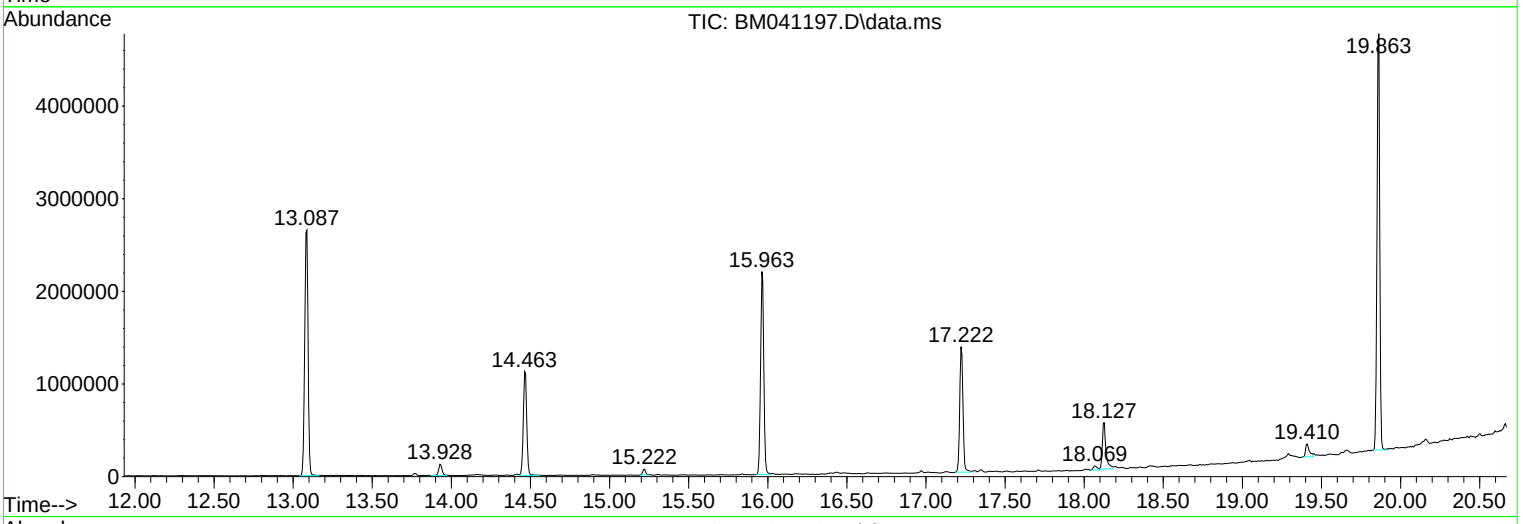
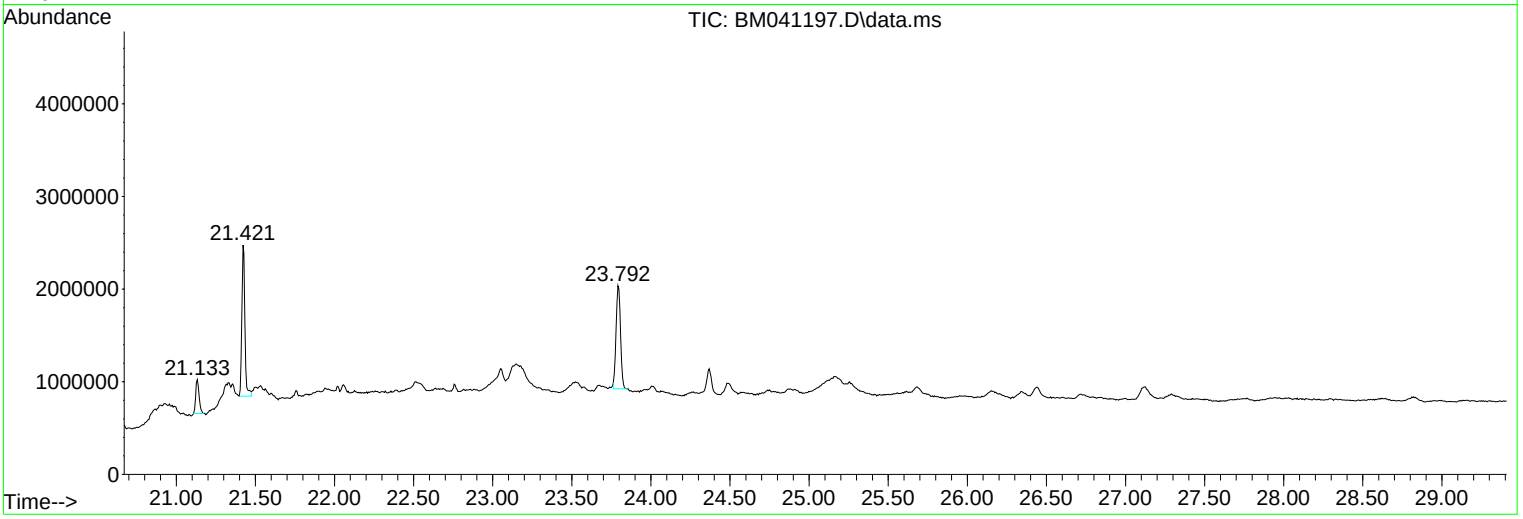
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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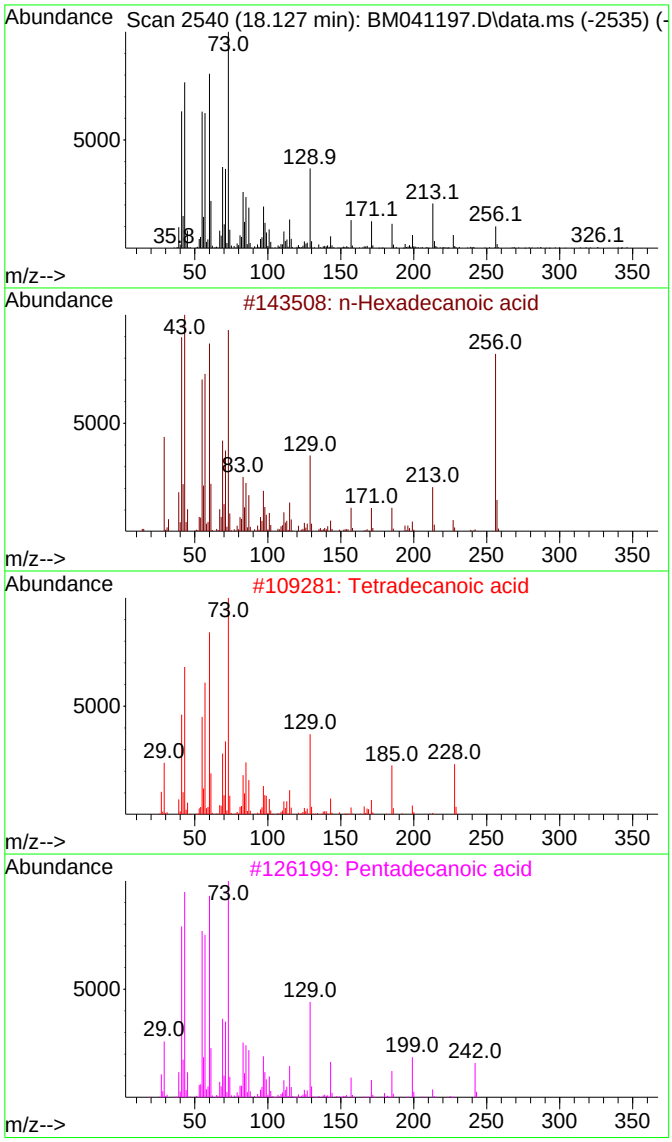
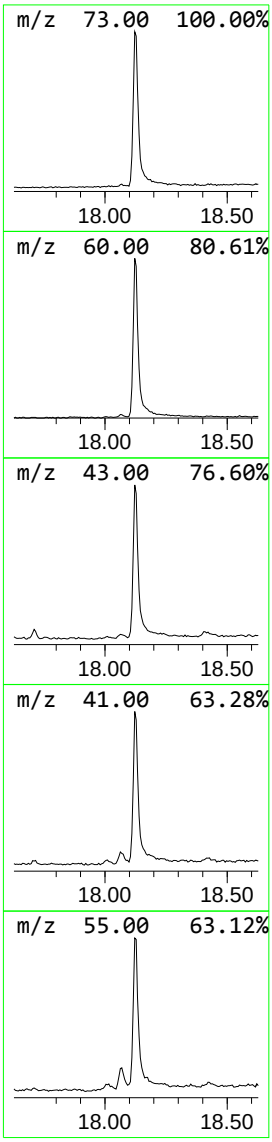
Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.127	8.13 ng	784318	Phenanthrene-d10	17.222

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	94
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	Tridecanoic acid	214	C13H26O2	000638-53-9	89
5	Octadecanoic acid	284	C18H36O2	000057-11-4	81





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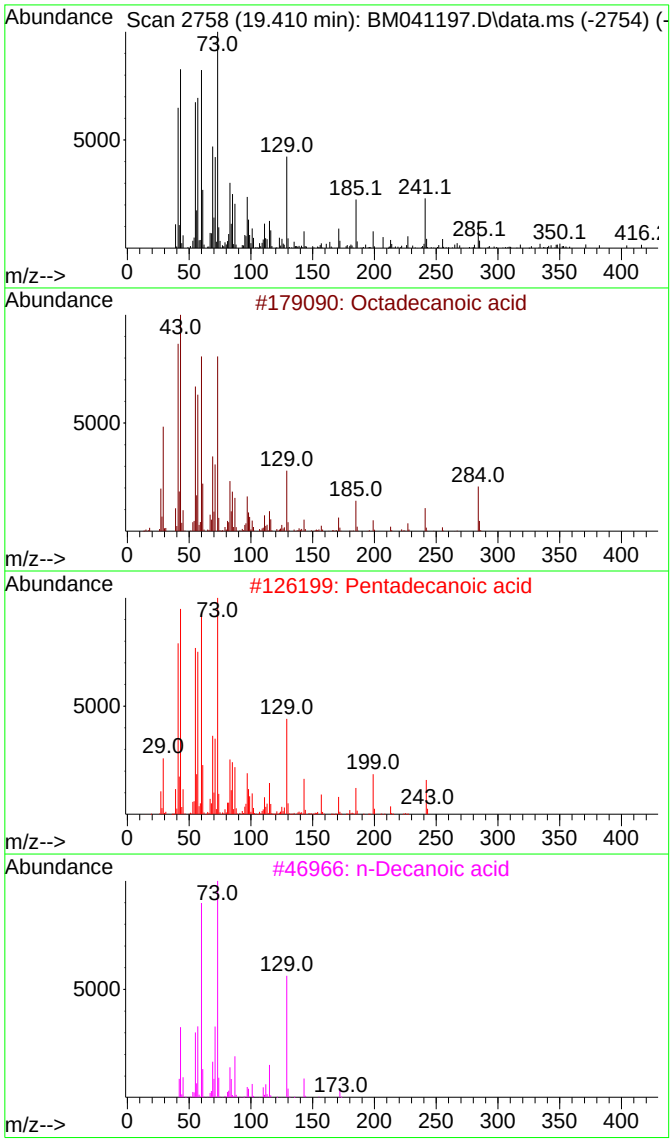
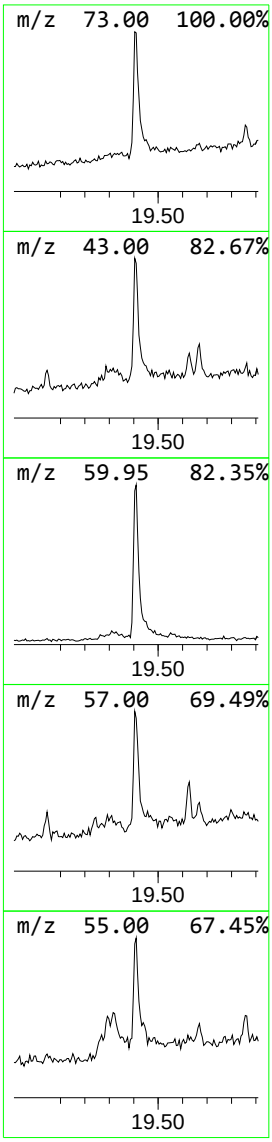
Peak Number 2 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.410	2.14 ng	229469	Chrysene-d12	21.421

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	n-Decanoic acid	172	C10H20O2	000334-48-5	91
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	87





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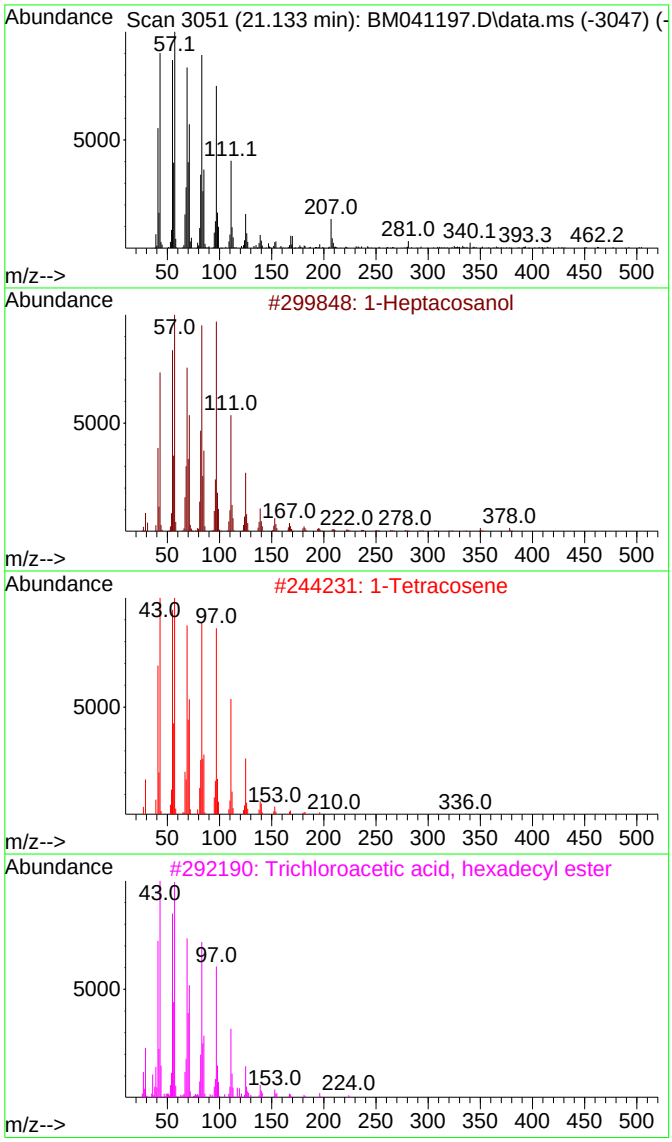
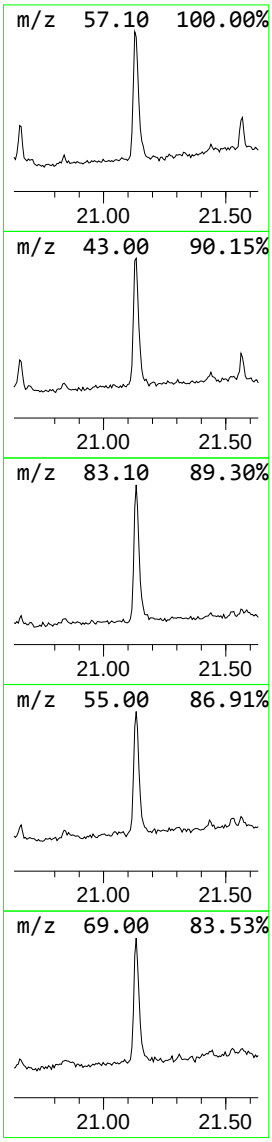
Peak Number 3 1-Heptacosanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.133	5.06 ng	542159	Chrysene-d12	21.421

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptacosanol	396	C27H56O	002004-39-9	94
2	1-Tetracosene	336	C24H48	010192-32-2	91
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	91
5	Pentacos-1-ene	350	C25H50	016980-85-1	91





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexadecanoic ...	18.127	8.1	ng	784318	4	17.222	1930380	20.0
Octadecanoic acid	19.410	2.1	ng	229469	5	21.421	2142040	20.0
1-Heptacosanol	21.133	5.1	ng	542159	5	21.421	2142040	20.0