LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102423\
Data File : BM042414.D
Acq On : 24 Oct 2023 11:45
Operator : MA/JU
Sample : PB156461BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB156461BL

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-BM102123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM042414.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.081	317	322	331	rVB	480954	638402	7.65%	1.374%
2	5.528	391	398	408	rBV	4006942	5633477	67.49%	12.127%
3	7.151	666	674	687	rBV	3676097	5838660	69.95%	12.568%
4	7.998	810	818	829	rBV	712456	1101917	13.20%	2.372%
5	9.198	1013	1022	1032	rBV	2329886	3751629	44.95%	8.076%
6	10.816	1290	1297	1308	rBV	858500	1453733	17.42%	3.129%
7	13.263	1705	1713	1725	rBV	5130264	7314041	87.62%	15.744%
8	14.639	1941	1947	1955	rVB	1187972	1722276	20.63%	3.707%
9	16.133	2194	2201	2213	rBV	3589473	5072026	60.76%	10.918%
10	17.392	2408	2415	2426	rBV	1392430	1888574	22.63%	4.065%
11	18.239	2554	2559	2568	rBV	142701	262758	3.15%	0.566%
12	19.515	2771	2776	2784	rBV	135232	240201	2.88%	0.517%
13	20.003	2853	2859	2867	rBV	6869128	8347011	100.00%	17.968%
14	21.574	3121	3126	3132	rBV	1204464	1641042	19.66%	3.532%
15	24.033	3539	3544	3555	rVB	746226	1549974	18.57%	3.336%

Sum of corrected areas: 46455721

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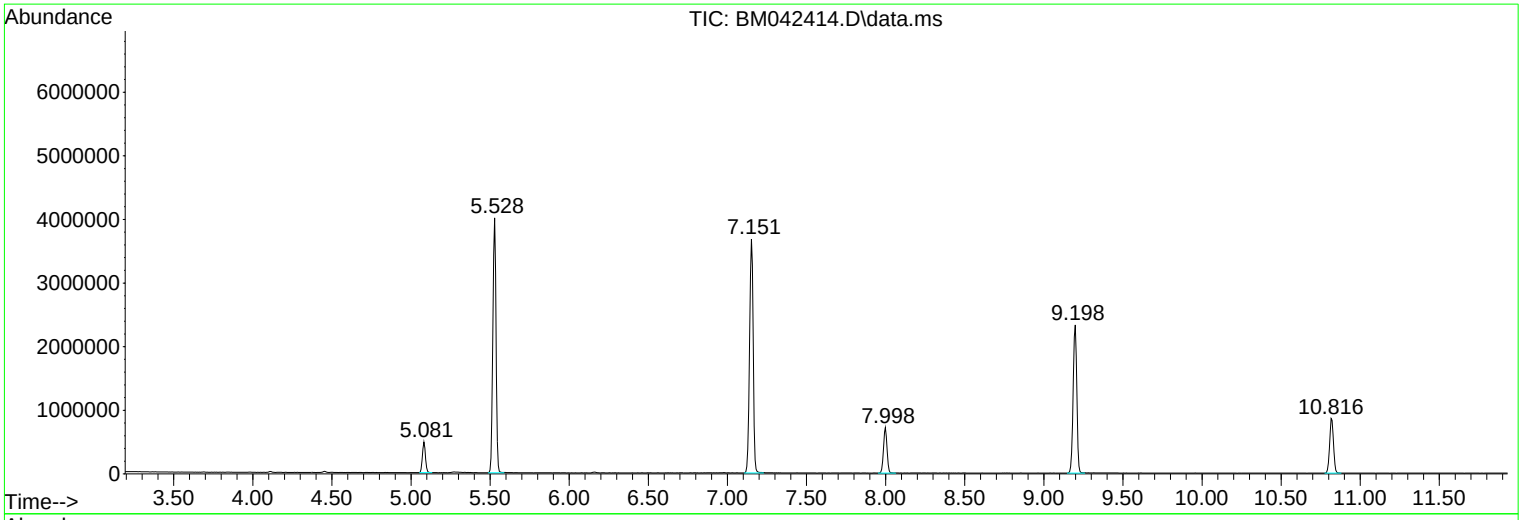
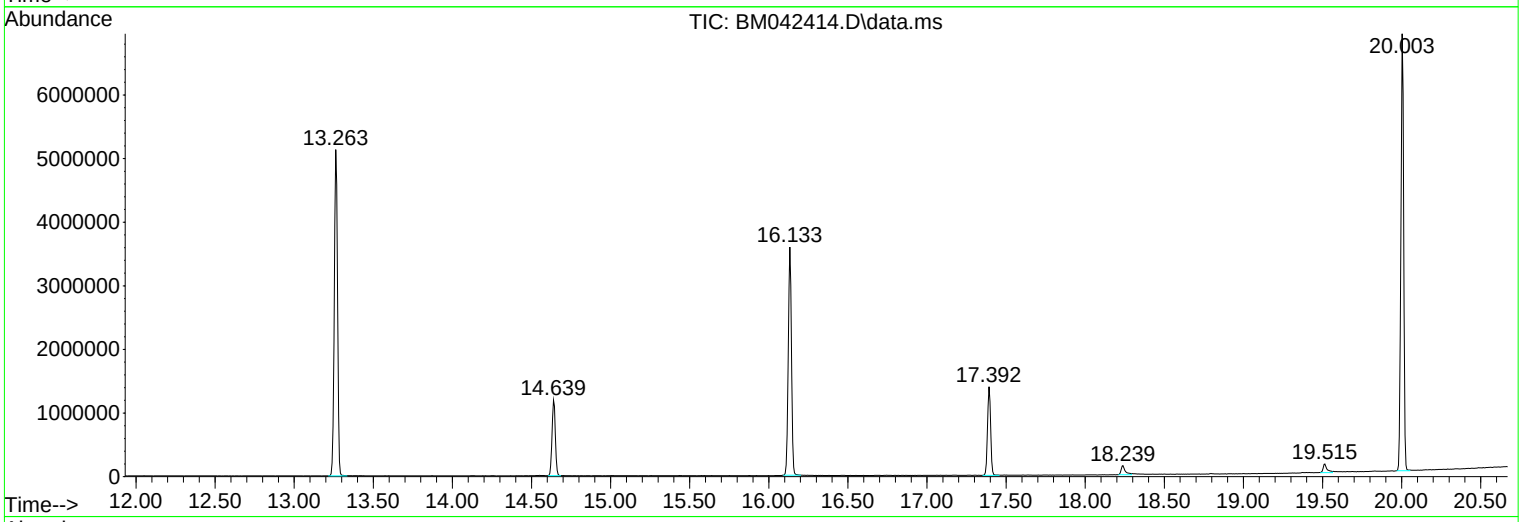
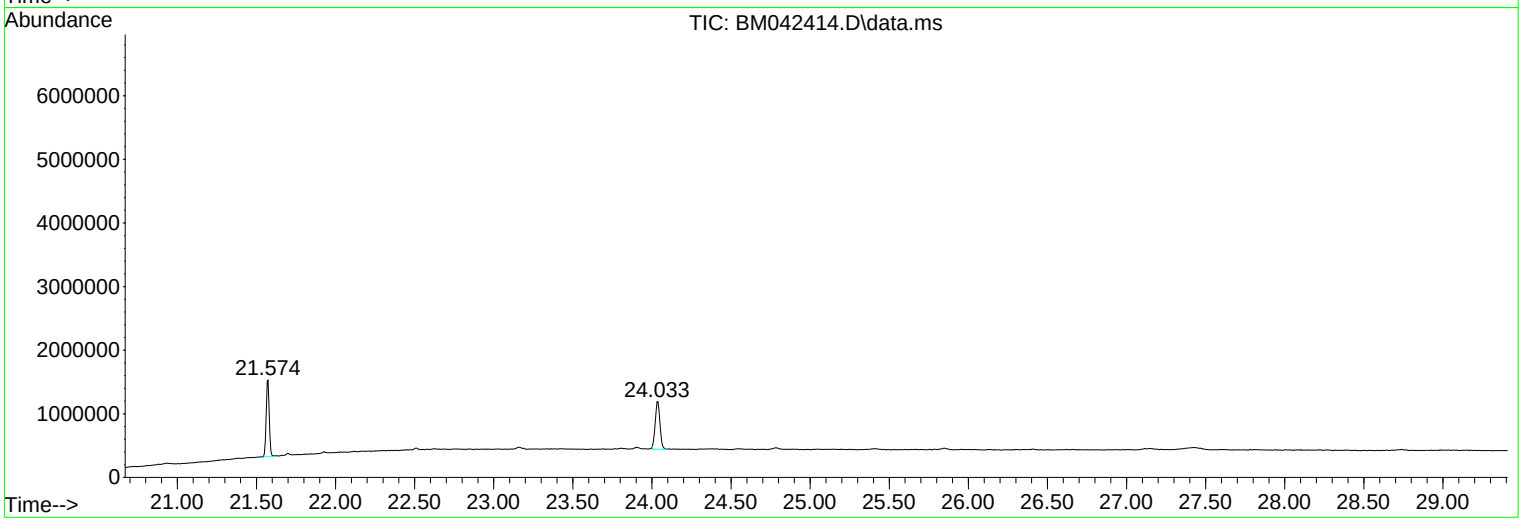
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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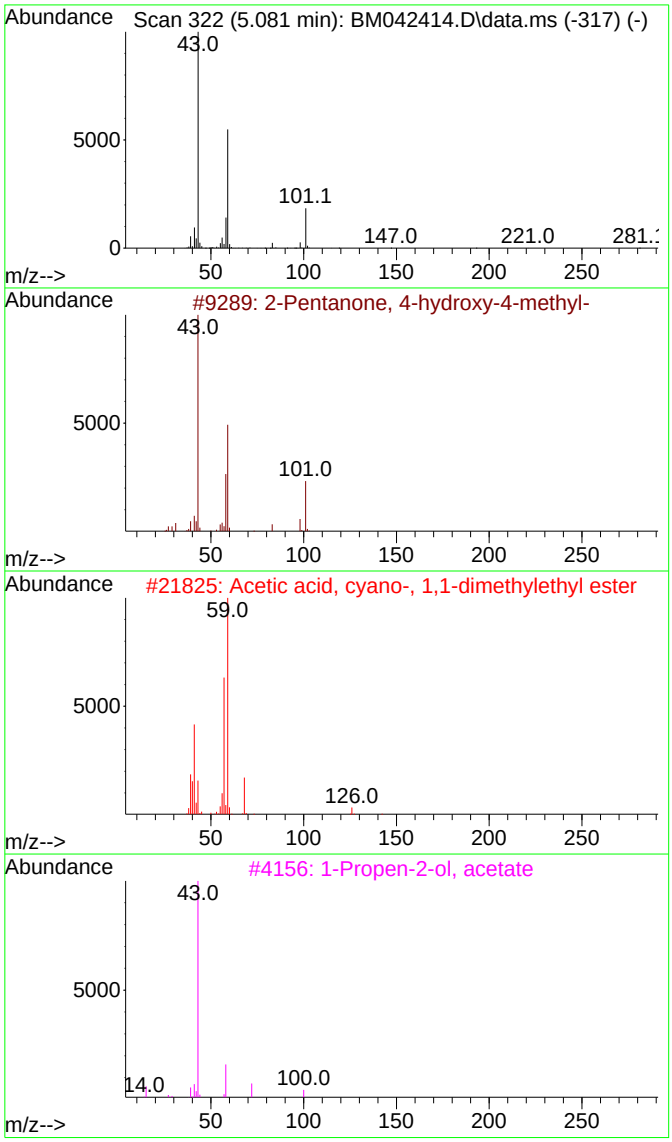
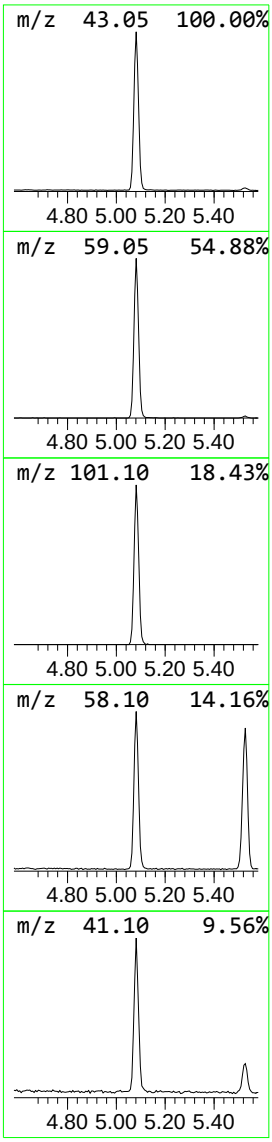
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.081	11.59 ng	638402	1,4-Dichlorobenzene-d4	7.998

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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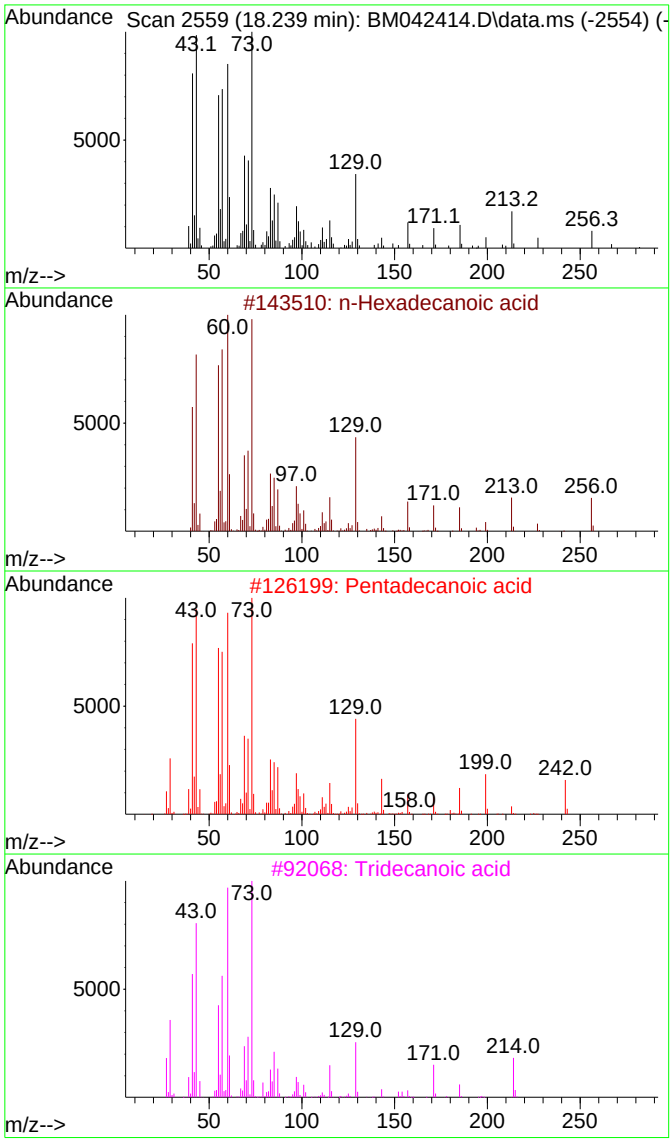
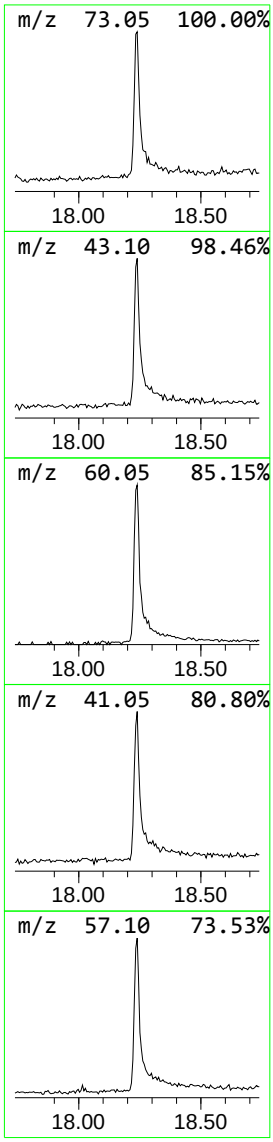
Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.239	2.78 ng	262758	Phenanthrene-d10	17.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3	Tridecanoic acid	214	C13H26O2	000638-53-9	90
4	8-Methylnonanoic acid	172	C10H20O2	005963-14-4	64
5	Nonanoic acid	158	C9H18O2	000112-05-0	45





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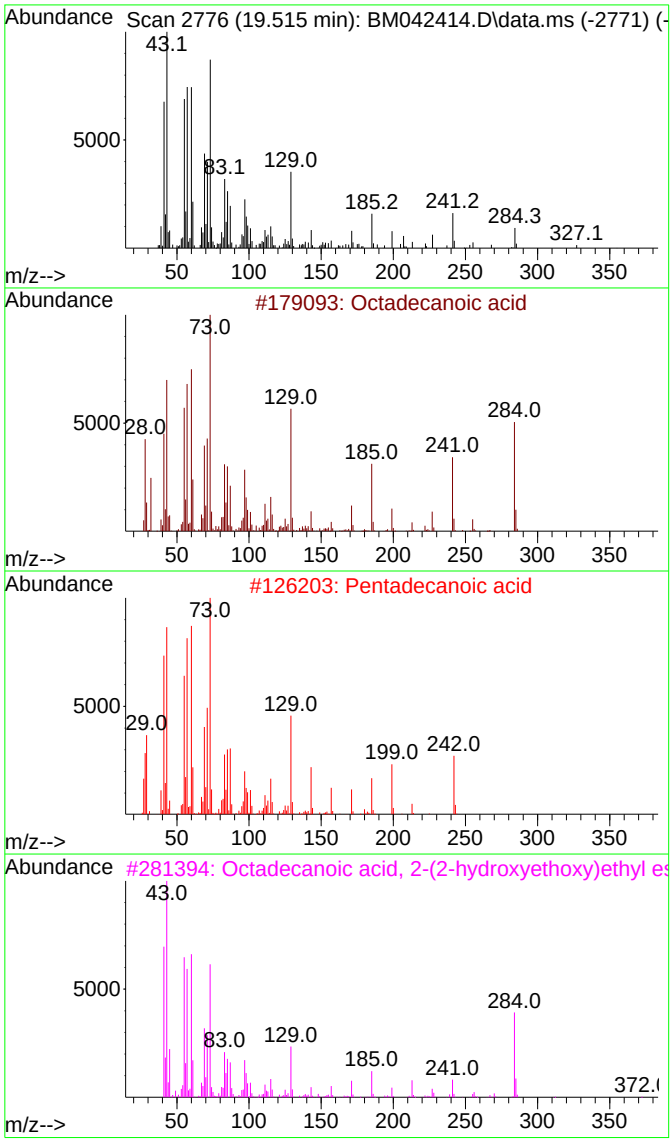
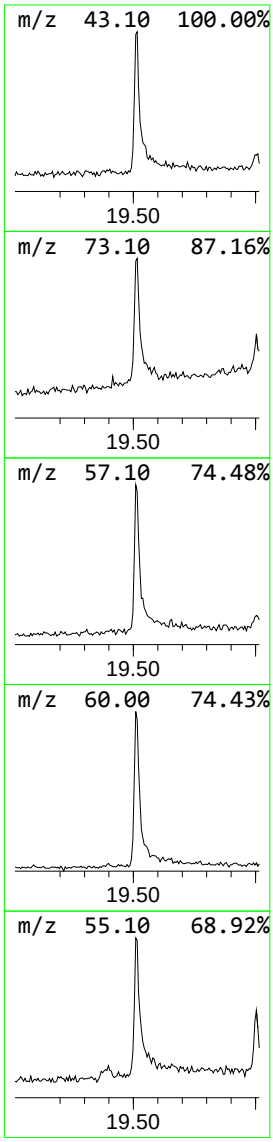
Peak Number 3 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.515	2.93 ng	240201	Chrysene-d12	21.574

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	91
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5	n-Decanoic acid	172	C10H20O2	000334-48-5	68





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	5.081	11.6	ng	638402	1	7.998	1101920	20.0
n-Hexadecanoic ...	18.239	2.8	ng	262758	4	17.392	1888570	20.0
Octadecanoic acid	19.515	2.9	ng	240201	5	21.574	1641040	20.0