LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080621\
Data File : BP006552.D
Acq On : 06 Aug 2021 22:47
Operator : CG/JU
Sample : M3301-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MH-P17

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_P\Methods\8270E-BP080321.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP006552.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.905	306	309	320	rVB	101393	153924	1.21%	0.292%
2	5.358	380	386	396	rVB	2189777	3141461	24.70%	5.964%
3	6.934	647	654	662	rBV	1233555	1931315	15.18%	3.667%
4	7.752	787	793	802	rVB	844887	1316221	10.35%	2.499%
5	8.910	982	990	1000	rBV	2941030	4661801	36.65%	8.851%
6	10.534	1259	1266	1279	rVB	1119760	1834509	14.42%	3.483%
7	13.010	1678	1687	1698	rBV	5807075	8842380	69.52%	16.788%
8	14.381	1911	1920	1932	rBV	1486719	2200465	17.30%	4.178%
9	15.875	2167	2174	2188	rBV	4484430	6418578	50.46%	12.186%
10	17.134	2381	2388	2397	rBV	1795651	2487794	19.56%	4.723%
11	18.039	2537	2542	2550	rBV	430872	626688	4.93%	1.190%
12	19.275	2748	2752	2764	rBV	246261	401168	3.15%	0.762%
13	19.710	2820	2826	2831	rBV	10253179	12719576	100.00%	24.149%
14	20.957	3034	3038	3045	rBV	183973	265398	2.09%	0.504%
15	21.227	3079	3084	3091	rBV	2226546	2779703	21.85%	5.278%
16	23.557	3473	3480	3490	rVB	1503919	2889247	22.71%	5.486%

Sum of corrected areas: 52670228

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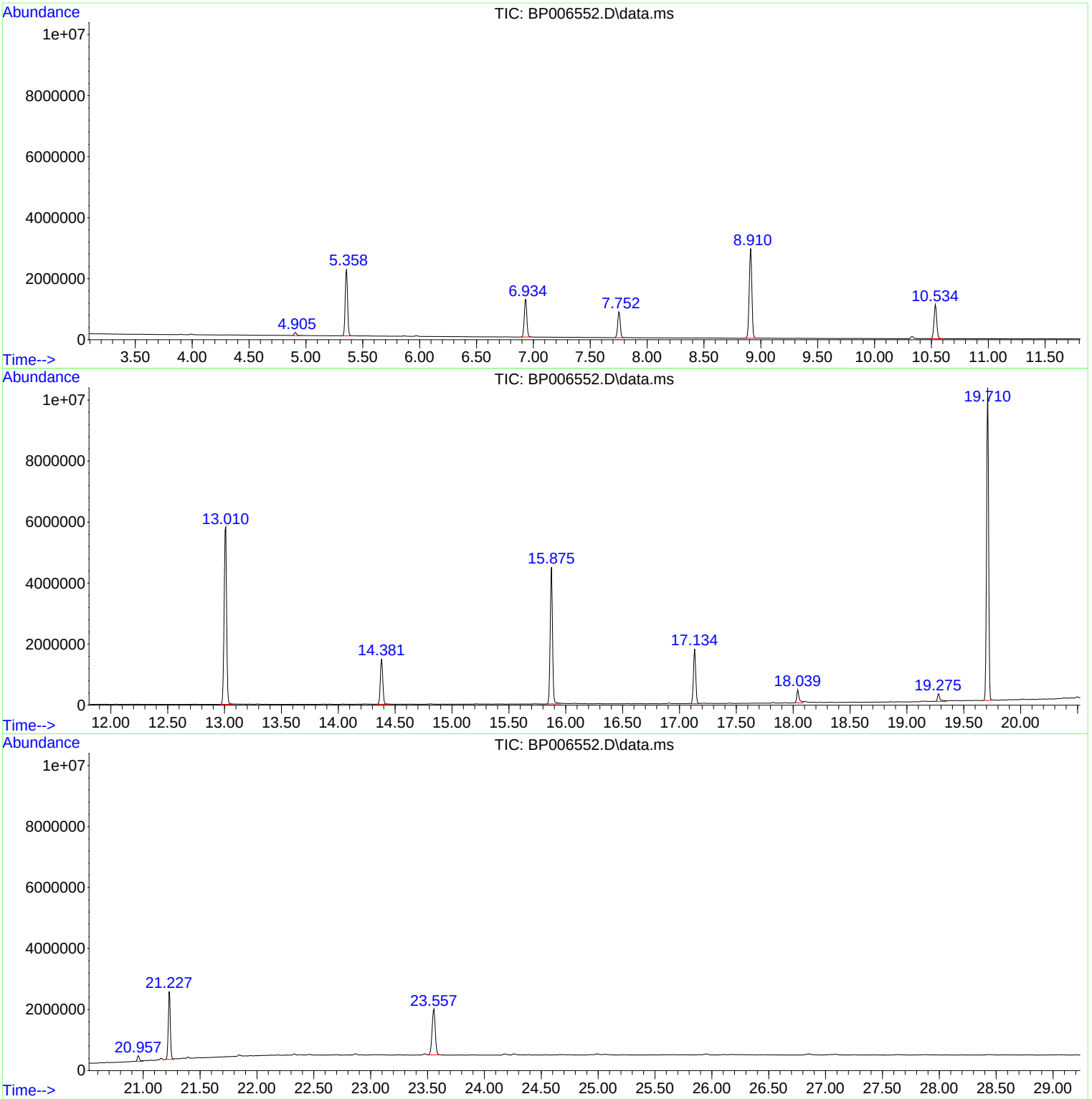
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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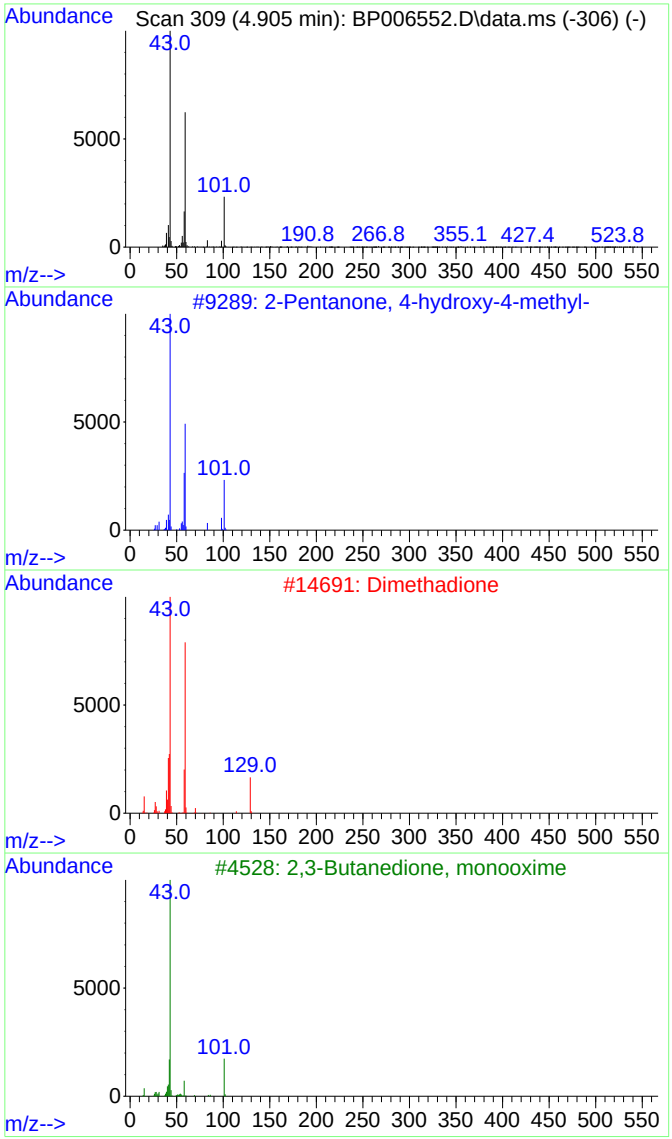
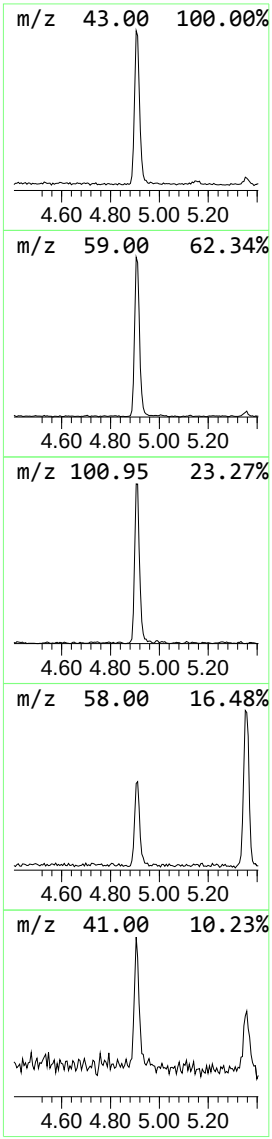
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.905	2.34 ng	153924	1,4-Dichlorobenzene-d4	7.752

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Dimethadione	129	C5H7NO3	000695-53-4	40
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	23
5	2,5,8,11-Tetraoxadodecane	178	C8H18O4	000112-49-2	17





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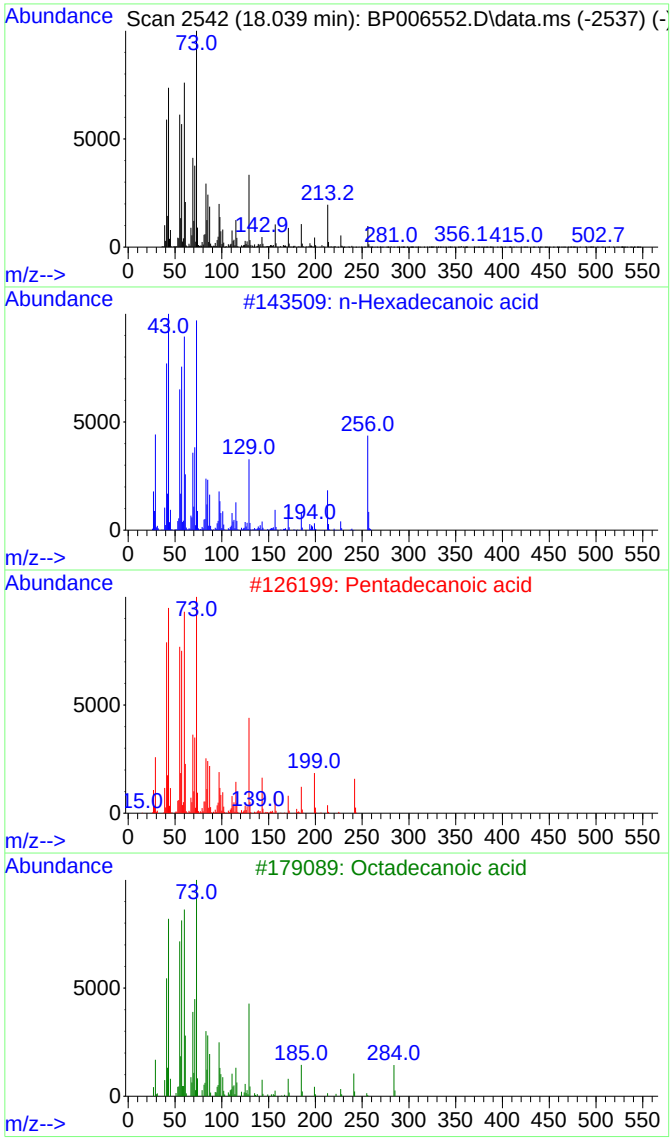
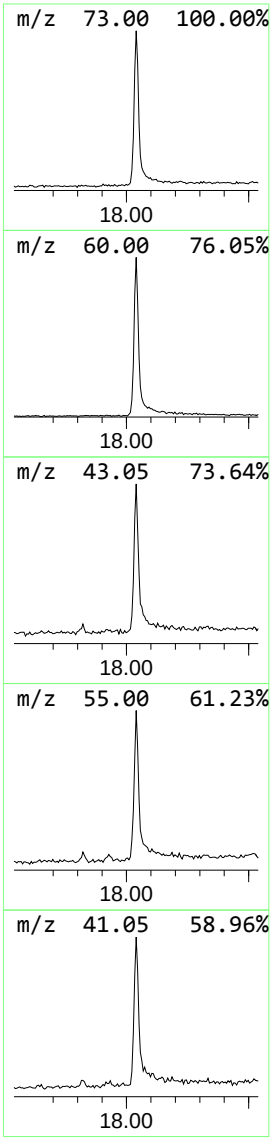
Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.039	5.04 ng	626688	Phenanthrene-d10	17.134

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3	Octadecanoic acid	284	C18H36O2	000057-11-4	81
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	53
5	Isopropyl palmitate	298	C19H38O2	000142-91-6	50





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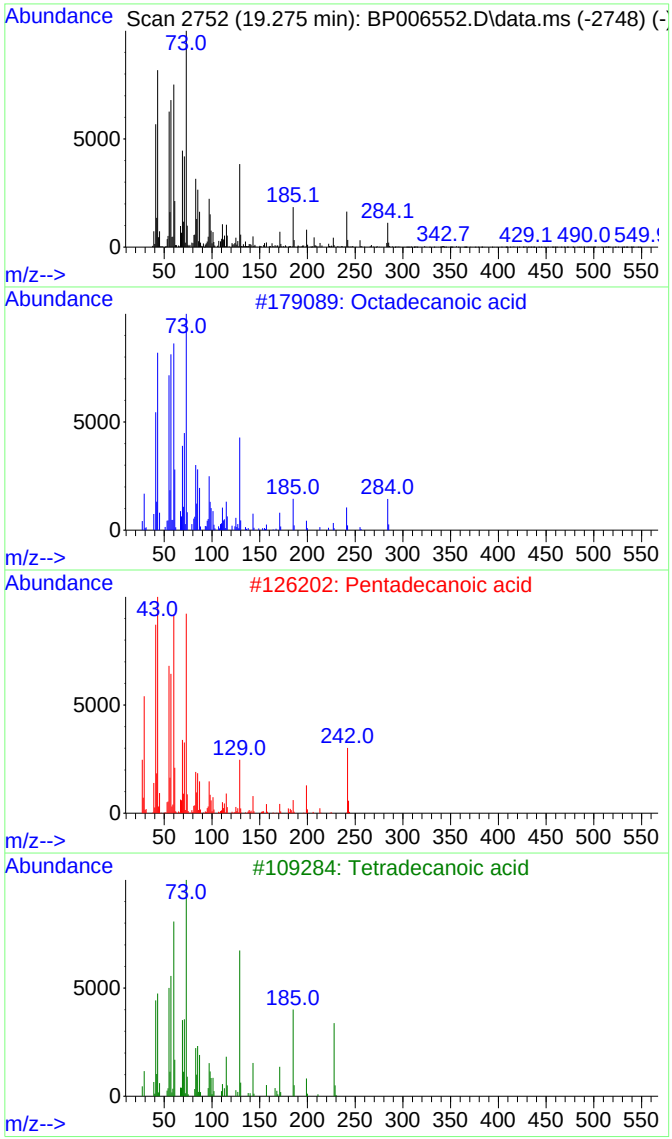
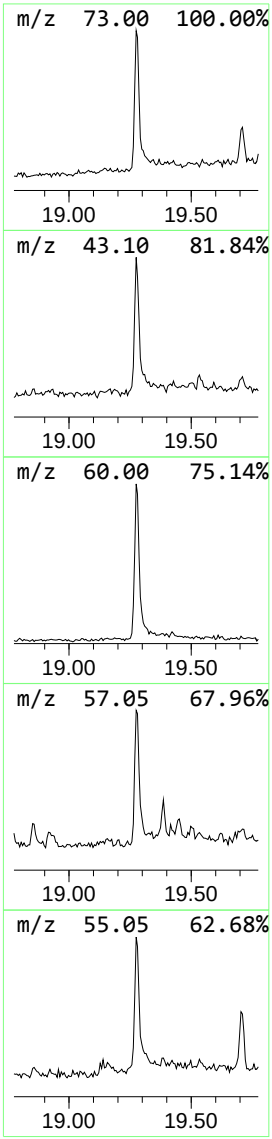
Peak Number 3 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.275	2.89 ng	401168	Chrysene-d12	21.227

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	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
4	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	80
5	Tridecanoic acid	214	C13H26O2	000638-53-9	64





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-...	4.905	2.3	ng	153924	1	7.752	1316220	20.0
n-Hexadecanoic ...	18.039	5.0	ng	626688	4	17.134	2487790	20.0
Octadecanoic acid	19.275	2.9	ng	401168	5	21.227	2779700	20.0