LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040221\
Data File : BP005150.D
Acq On : 02 Apr 2021 09:44
Operator : CG/JU
Sample : PB135435BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PB135435BL

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-BP032321.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP005150.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.299	370	376	386	rBV	571438	807473	45.89%	9.722%
2	6.881	637	645	655	rBV	524350	806518	45.84%	9.711%
3	7.705	778	785	793	rVB	108316	165935	9.43%	1.998%
4	8.863	974	982	990	rBV	308979	506216	28.77%	6.095%
5	10.493	1252	1259	1268	rBV	126341	209547	11.91%	2.523%
6	12.975	1673	1681	1690	rBV	772993	1088276	61.85%	13.104%
7	14.357	1909	1916	1928	rVB	185859	279361	15.88%	3.364%
8	15.857	2164	2171	2179	rBV	593050	838664	47.66%	10.098%
9	17.116	2379	2385	2393	rBV	244471	344324	19.57%	4.146%
10	18.022	2528	2539	2546	rBV	195056	274521	15.60%	3.305%
11	18.092	2547	2551	2560	rVB	12290	27200	1.55%	0.328%
12	19.198	2731	2739	2740	rBV7	14366	32380	1.84%	0.390%
13	19.257	2745	2749	2770	rVB2	132652	259404	14.74%	3.123%
14	19.692	2817	2823	2830	rBV	1418886	1759554	100.00%	21.186%
15	20.580	2968	2974	2985	rVB3	23203	64049	3.64%	0.771%
16	21.133	3065	3068	3072	rVB	24338	26657	1.51%	0.321%
17	21.216	3077	3082	3087	rBV	330933	401363	22.81%	4.833%
18	23.498	3463	3470	3478	rBV2	211068	413785	23.52%	4.982%

Sum of corrected areas: 8305227

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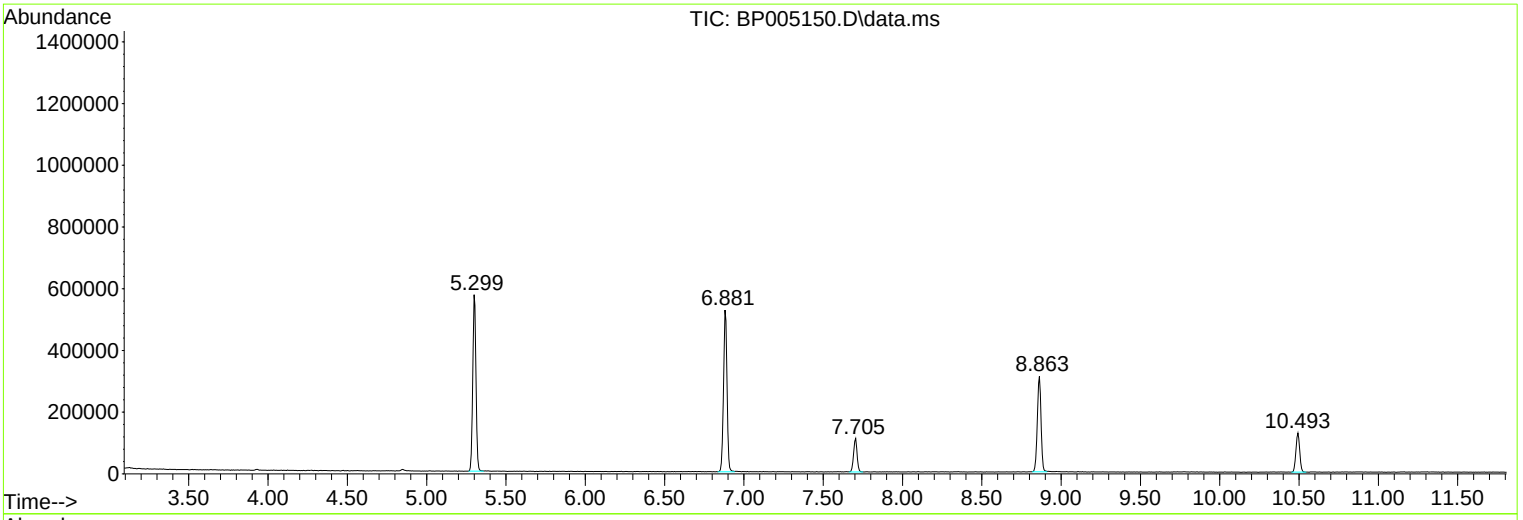
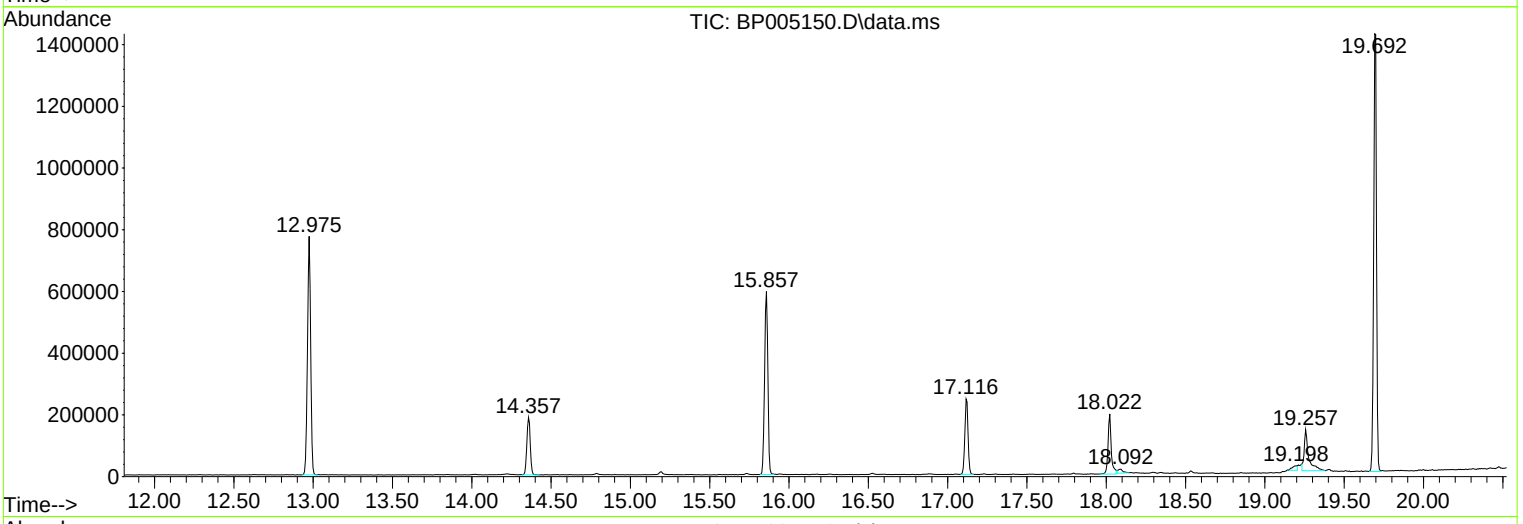
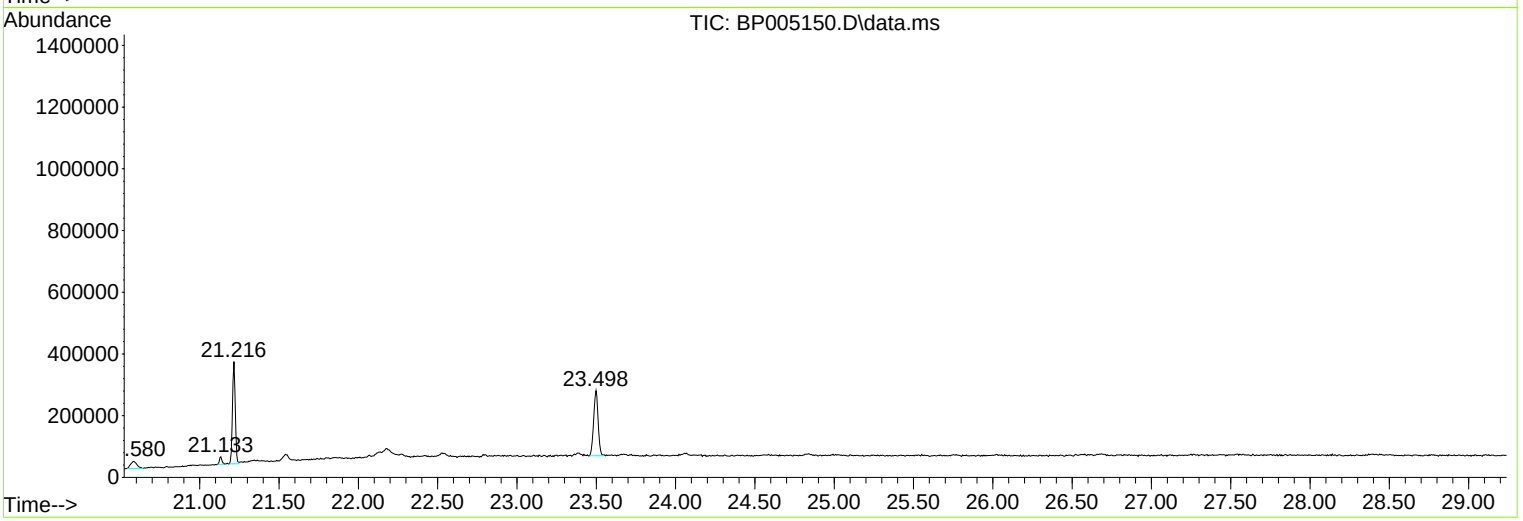
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P







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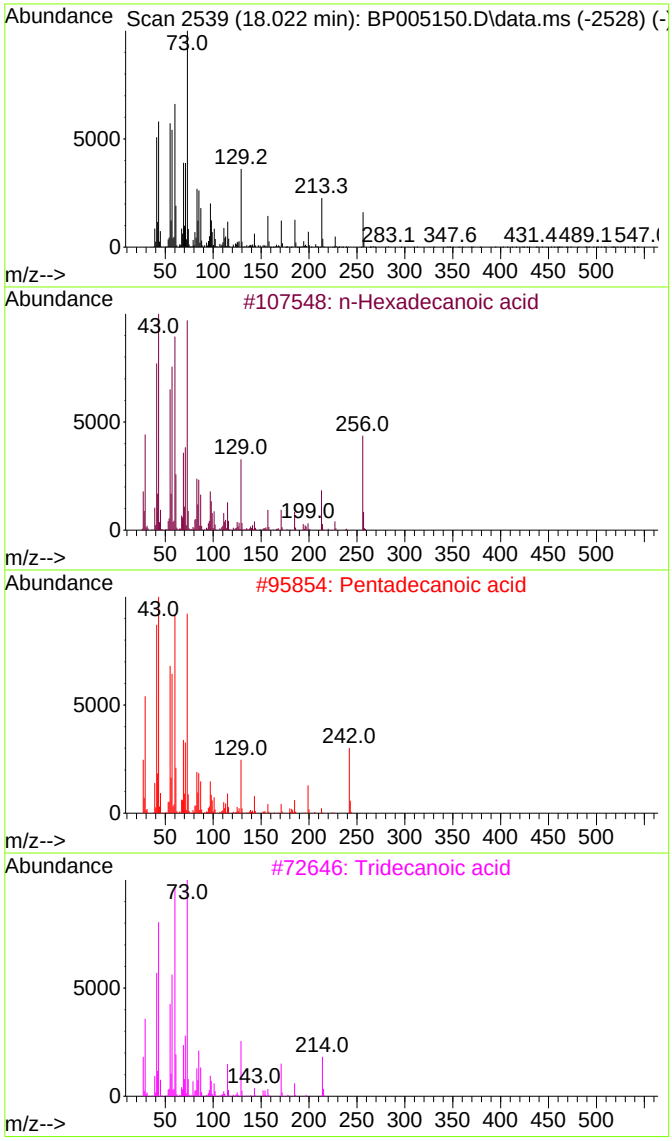
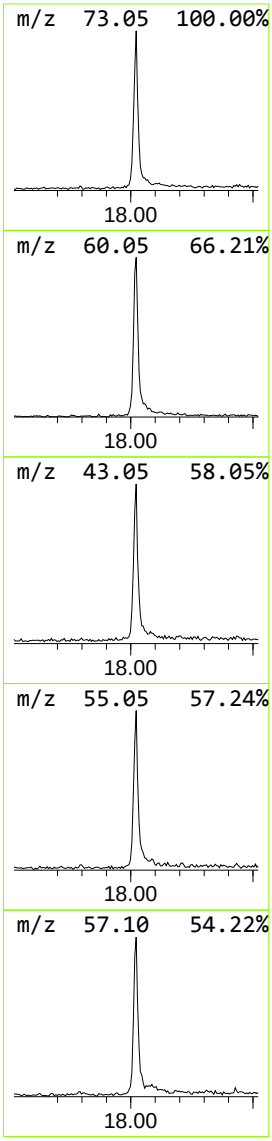
Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.022	15.95 ng	274521	Phenanthrene-d10	17.116

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	90
3	Tridecanoic acid	214	C13H26O2	000638-53-9	70
4	n-Decanoic acid	172	C10H20O2	000334-48-5	30
5	2-Bromo dodecane	248	C12H25Br	013187-99-0	20





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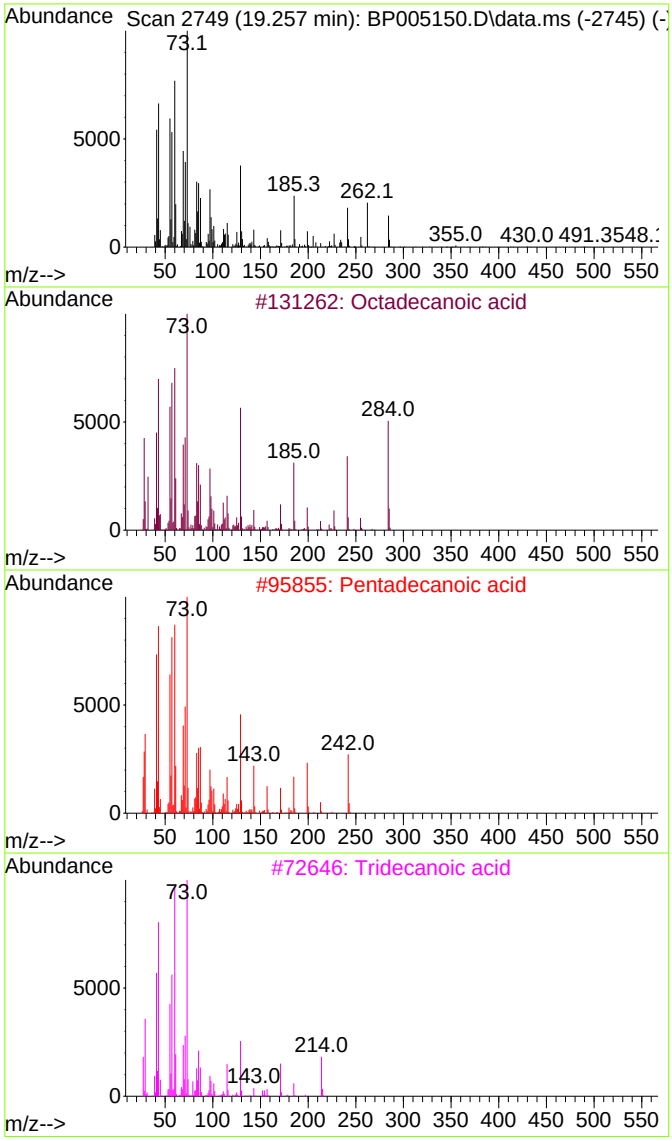
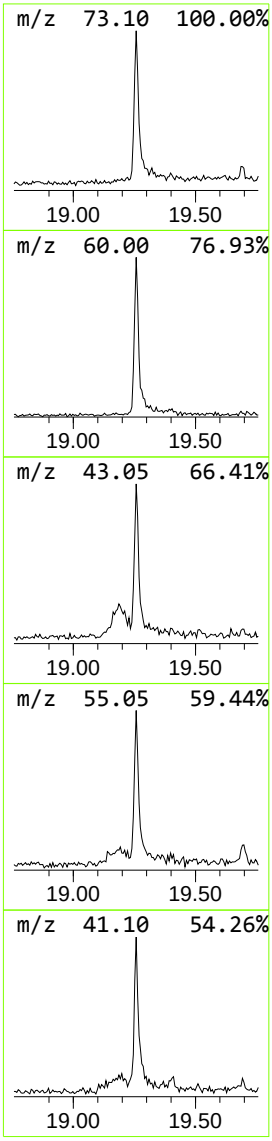
Peak Number 2 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.257	12.93 ng	259404	Chrysene-d12	21.216

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	90
3	Tridecanoic acid	214	C13H26O2	000638-53-9	90
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
5	n-Decanoic acid	172	C10H20O2	000334-48-5	64





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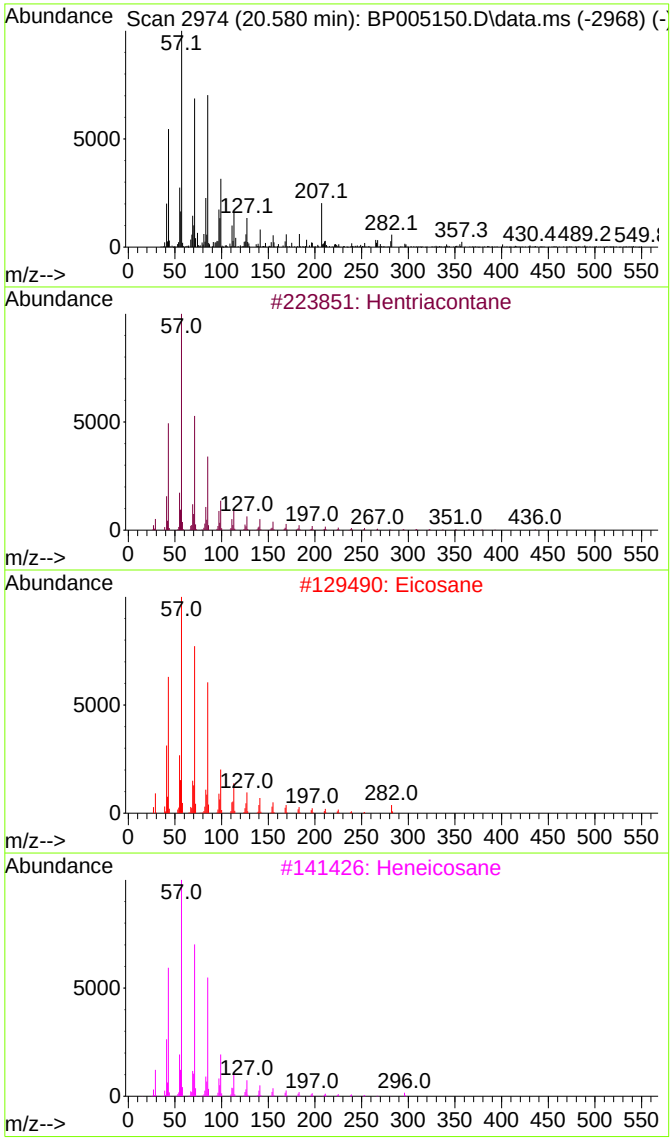
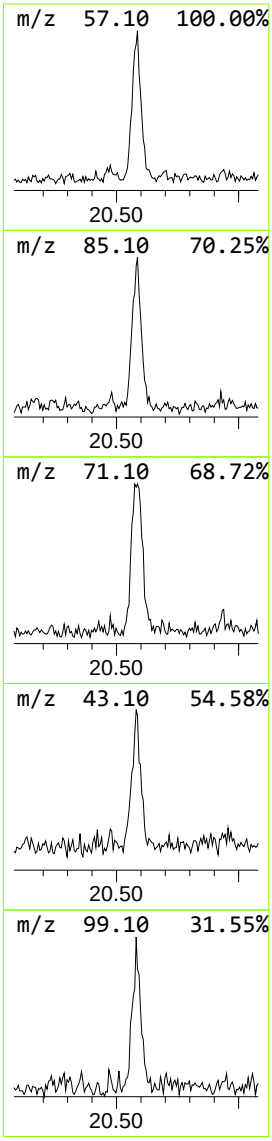
Peak Number 3 Hentriacontane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.580	3.19 ng	64049	Chrysene-d12	21.216

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hentriacontane	437	C31H64	000630-04-6	89
2	Eicosane	282	C20H42	000112-95-8	83
3	Heneicosane	296	C21H44	000629-94-7	83
4	Tetracosane	338	C24H50	000646-31-1	68
5	Nonadecane, 2-methyl-	282	C20H42	001560-86-7	64





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexadecanoic ...	18.022	15.9	ng	274521	4	17.116	344324	20.0
Octadecanoic acid	19.257	12.9	ng	259404	5	21.216	401363	20.0
Hentriacontane	20.580	3.2	ng	64049	5	21.216	401363	20.0