LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081921\
Data File : BP006783.D
Acq On : 19 Aug 2021 16:20
Operator : CG/JU
Sample : M3434-23
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SWCS-13-1015

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: BP006783.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.846	296	299	307	rVB	69519	102991	3.63%	0.396%
2	5.299	370	376	388	rVB	1979831	2837569	100.00%	10.904%
3	6.881	638	645	655	rBV	1827463	2797788	98.60%	10.751%
4	7.693	777	783	790	rVB	632055	960436	33.85%	3.691%
5	8.851	974	980	992	rVB	1187749	1902873	67.06%	7.312%
6	10.281	1218	1223	1238	rVB2	33864	73047	2.57%	0.281%
7	10.481	1250	1257	1265	rBV	765656	1302683	45.91%	5.006%
8	12.957	1671	1678	1689	rBV	1899493	2772553	97.71%	10.654%
9	14.339	1905	1913	1935	rVB	965488	1490845	52.54%	5.729%
10	15.833	2158	2167	2186	rBV	1548924	2333580	82.24%	8.967%
11	17.098	2375	2382	2389	rBV	1126844	1590482	56.05%	6.112%
12	18.004	2531	2536	2548	rBV	139357	232215	8.18%	0.892%
13	18.204	2565	2570	2576	rVB	55390	71798	2.53%	0.276%
14	18.369	2593	2598	2604	rVB	106949	132023	4.65%	0.507%
15	18.551	2625	2629	2634	rVB3	35573	43720	1.54%	0.168%
16	19.251	2744	2748	2762	rBV3	73853	128003	4.51%	0.492%
17	19.680	2816	2821	2828	rVB	2340046	2795657	98.52%	10.743%
18	19.992	2871	2874	2878	rVB	37518	37160	1.31%	0.143%
19	20.480	2954	2957	2961	rBV3	31025	32046	1.13%	0.123%
20	20.939	3031	3035	3043	rBV2	174607	332100	11.70%	1.276%
21	21.204	3075	3080	3085	rBV	1493276	1806087	63.65%	6.940%
22	21.816	3181	3184	3187	rBV	88024	118383	4.17%	0.455%
23	23.515	3467	3473	3483	rVB2	1108000	2129524	75.05%	8.183%

Sum of corrected areas: 26023563

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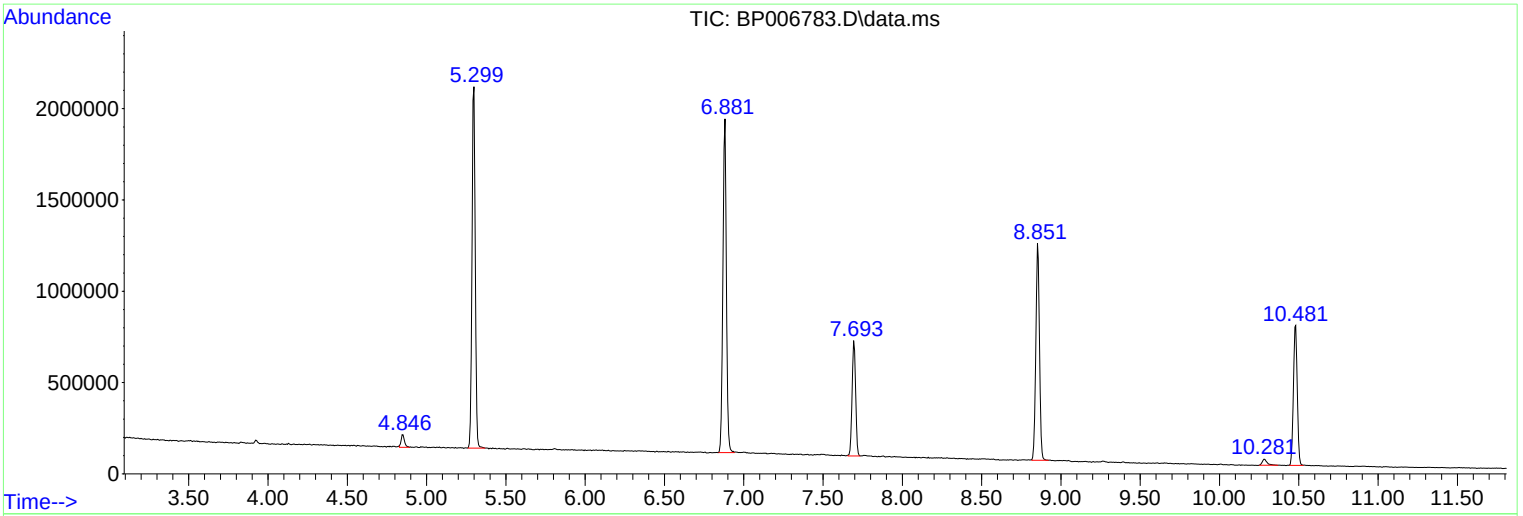
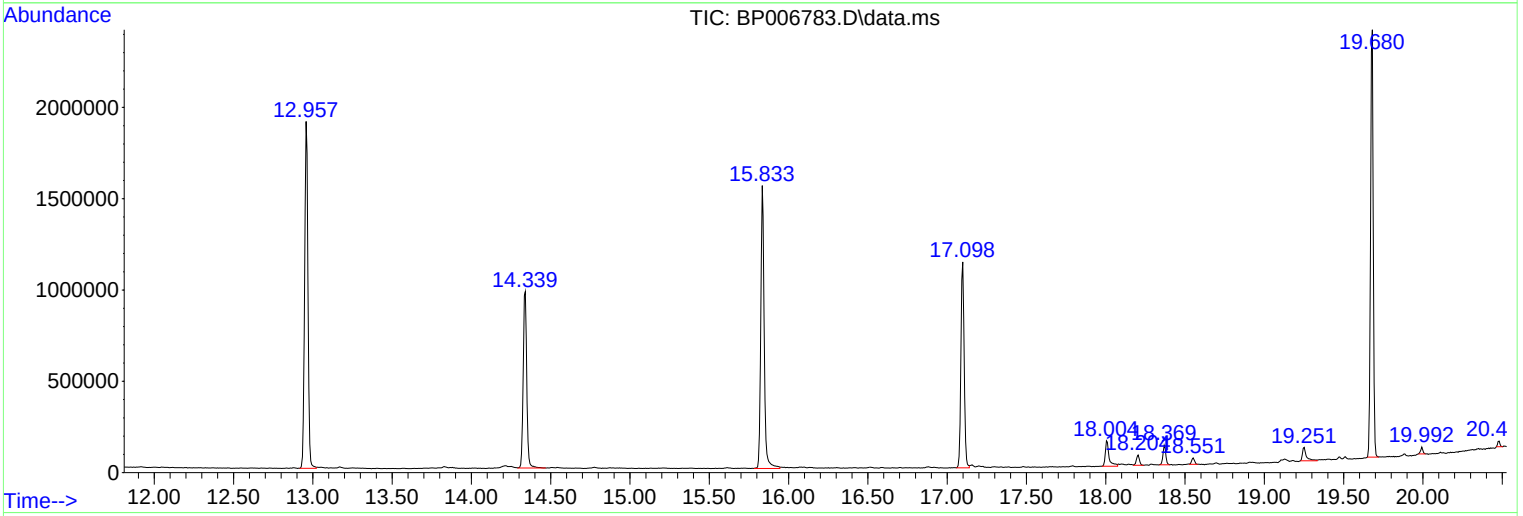
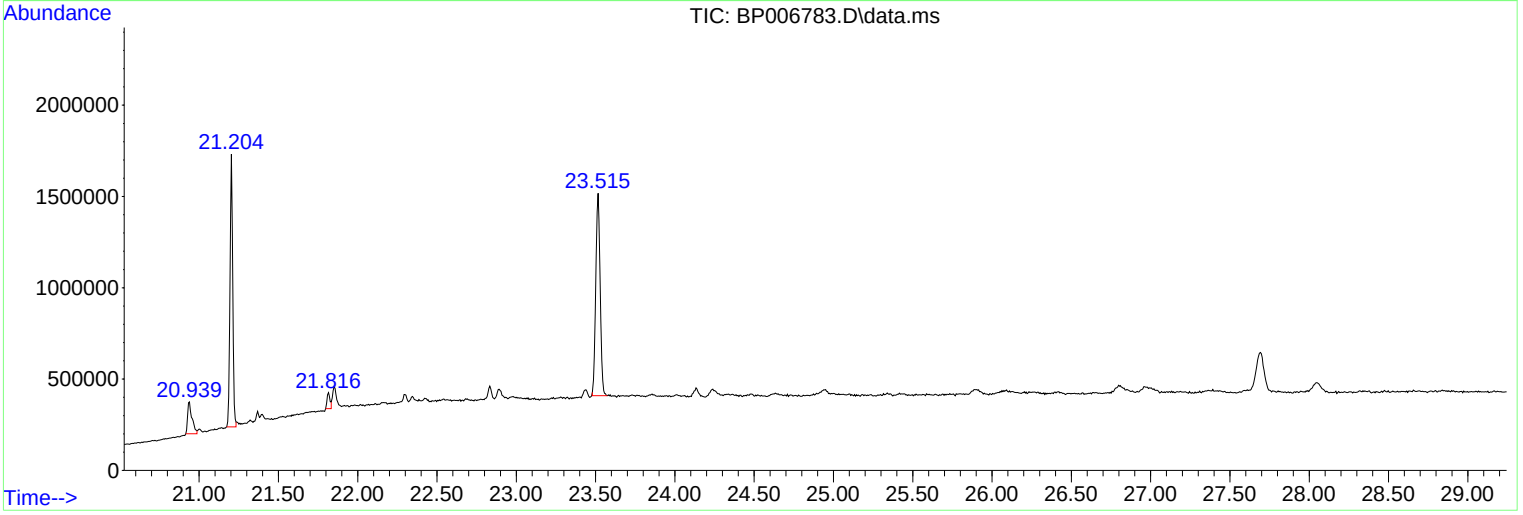
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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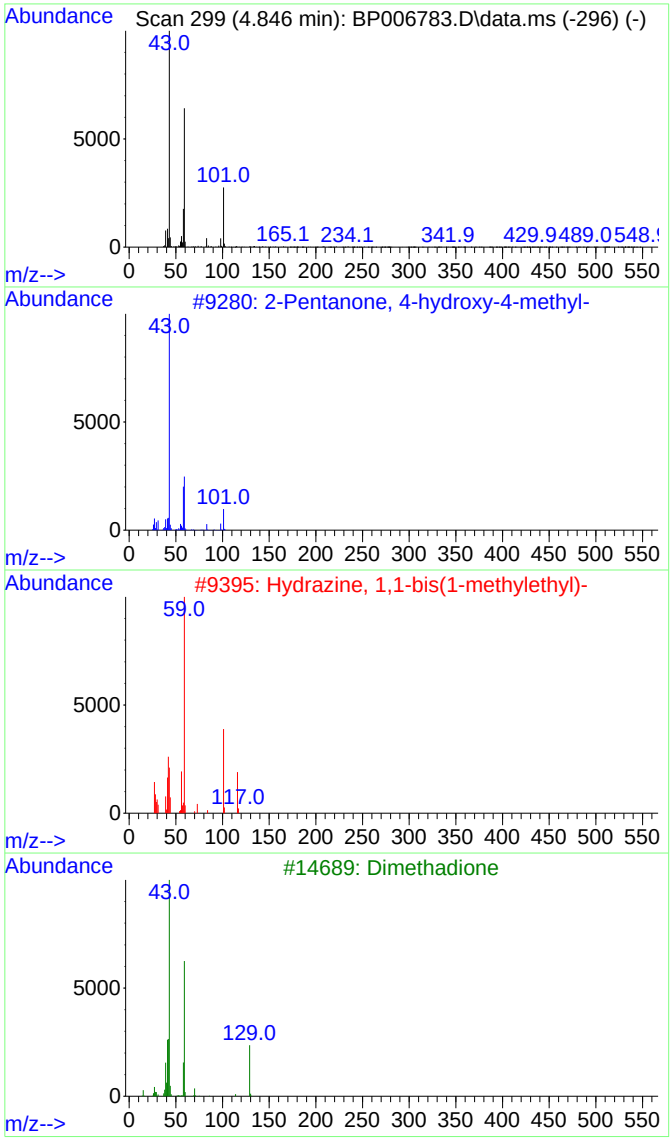
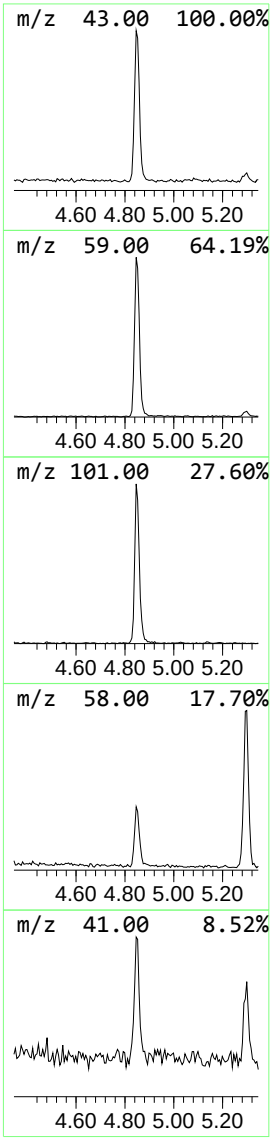
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.846	2.14 ng	102991	1,4-Dichlorobenzene-d4	7.693

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	28
3	Dimethadione	129	C5H7NO3	000695-53-4	28
4	Tripropylene glycol, propyl ethe...	348	C18H40O4Si	1000367-07-2	25
5	3-Octanol	130	C8H18O	000589-98-0	23





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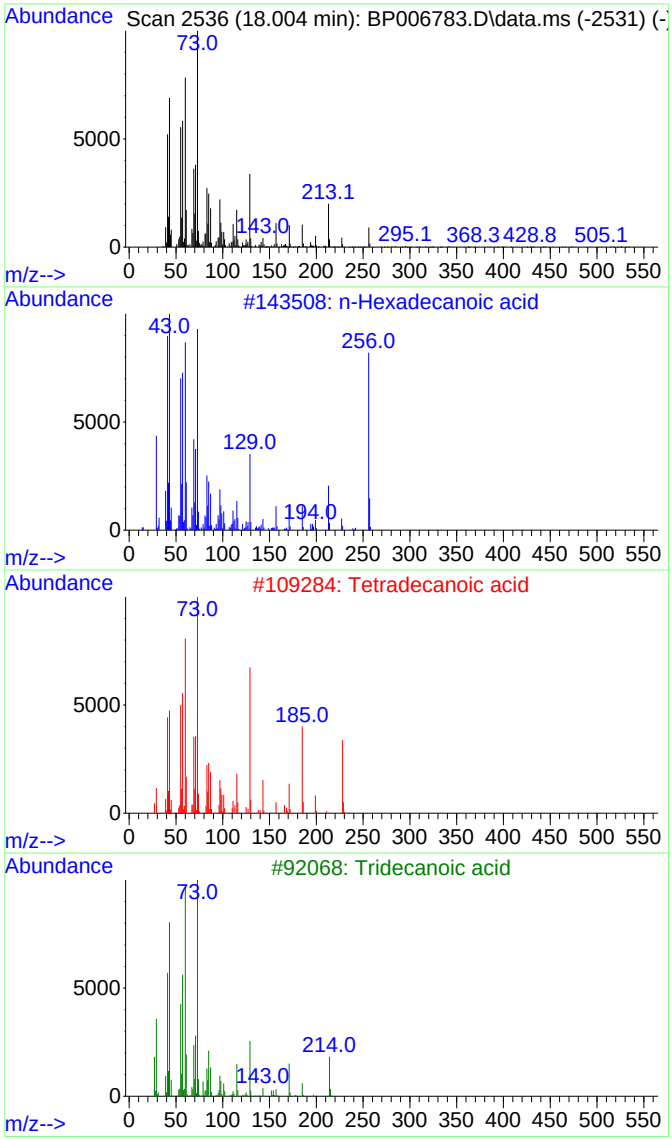
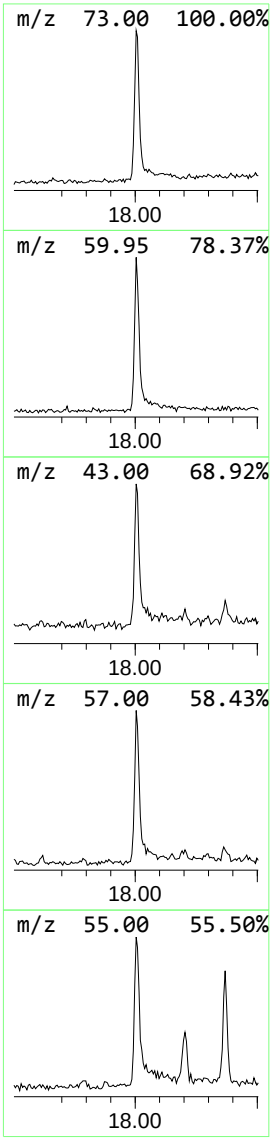
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.004	2.92 ng	232215	Phenanthrene-d10	17.098

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	90
3	Tridecanoic acid	214	C13H26O2	000638-53-9	86
4	Octadecanoic acid	284	C18H36O2	000057-11-4	81
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	62





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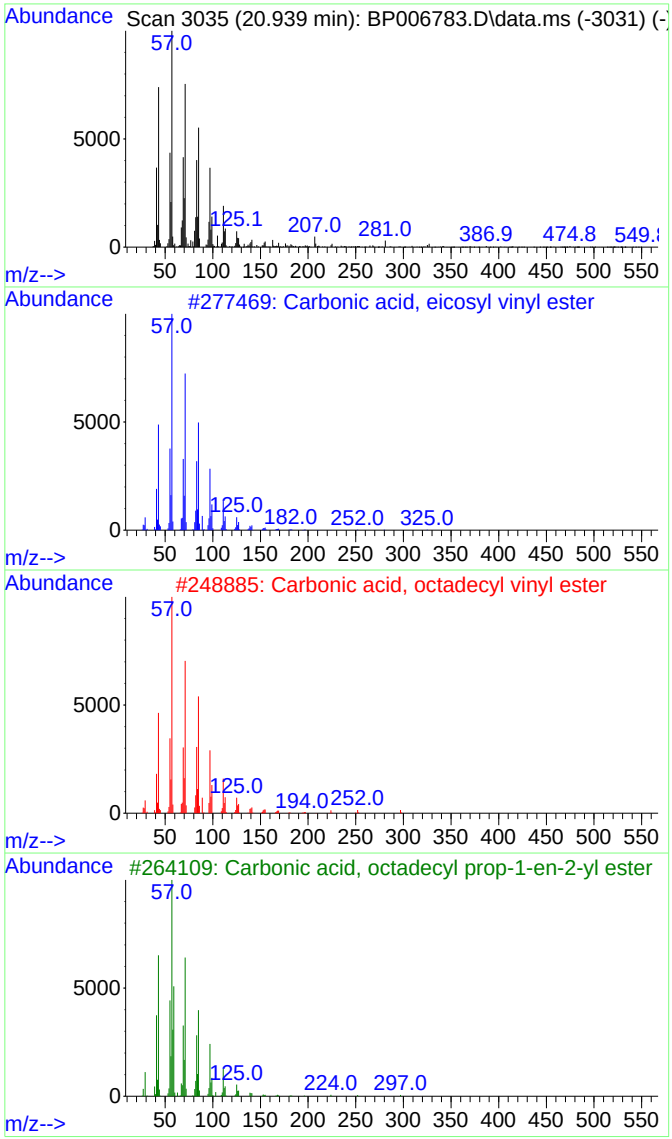
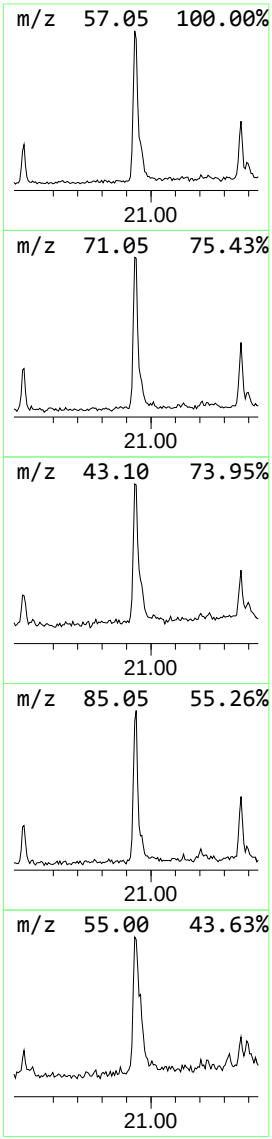
****
Peak Number 3 Carbonic acid, eicosyl viny... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.939	3.68 ng	332100	Chrysene-d12	21.204

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	94
2	Carbonic acid, octadecyl vinyl e...	340	C21H40O3	1000382-54-4	91
3	Carbonic acid, octadecyl prop-1-...	354	C22H42O3	1000383-11-5	90
4	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	87
5	1-Chloroeicosane	316	C20H41Cl	042217-02-7	81





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-...	4.846	2.1	ng	102991	1	7.693	960436	20.0
n-Hexadecanoic ...	18.004	2.9	ng	232215	4	17.098	1590480	20.0
Carbonic acid, ...	20.939	3.7	ng	332100	5	21.204	1806090	20.0