LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040521\
Data File : BP005176.D
Acq On : 05 Apr 2021 13:41
Operator : CG/JU
Sample : M1909-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : FS-SB-17-12-13

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: BP005176.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	387	rVB	477956	664671	67.69%	11.444%
2	6.881	638	645	655	rBV	423179	669856	68.22%	11.534%
3	7.704	777	785	794	rVB	91236	146142	14.88%	2.516%
4	8.863	973	982	991	rBV	261082	429185	43.71%	7.390%
5	10.493	1252	1259	1267	rBV	112943	183796	18.72%	3.165%
6	12.975	1672	1681	1689	rBV	573428	838158	85.36%	14.431%
7	13.822	1820	1825	1831	rBV	14105	21434	2.18%	0.369%
8	14.216	1887	1892	1898	rBV6	4646	10871	1.11%	0.187%
9	14.357	1910	1916	1924	rVB	141336	215596	21.96%	3.712%
10	15.857	2165	2171	2184	rBV	384299	561591	57.19%	9.669%
11	17.122	2379	2386	2392	rBV	162939	237661	24.20%	4.092%
12	18.022	2534	2539	2553	rBV	88382	145560	14.82%	2.506%
13	19.257	2746	2749	2756	rVB4	29712	39790	4.05%	0.685%
14	19.698	2819	2824	2829	rVB	832832	981889	100.00%	16.906%
15	20.933	3030	3034	3042	rVB	92138	136379	13.89%	2.348%
16	21.221	3079	3083	3088	rVB	204723	248738	25.33%	4.283%
17	23.504	3466	3471	3478	rVB2	155044	276596	28.17%	4.762%

Sum of corrected areas: 5807913

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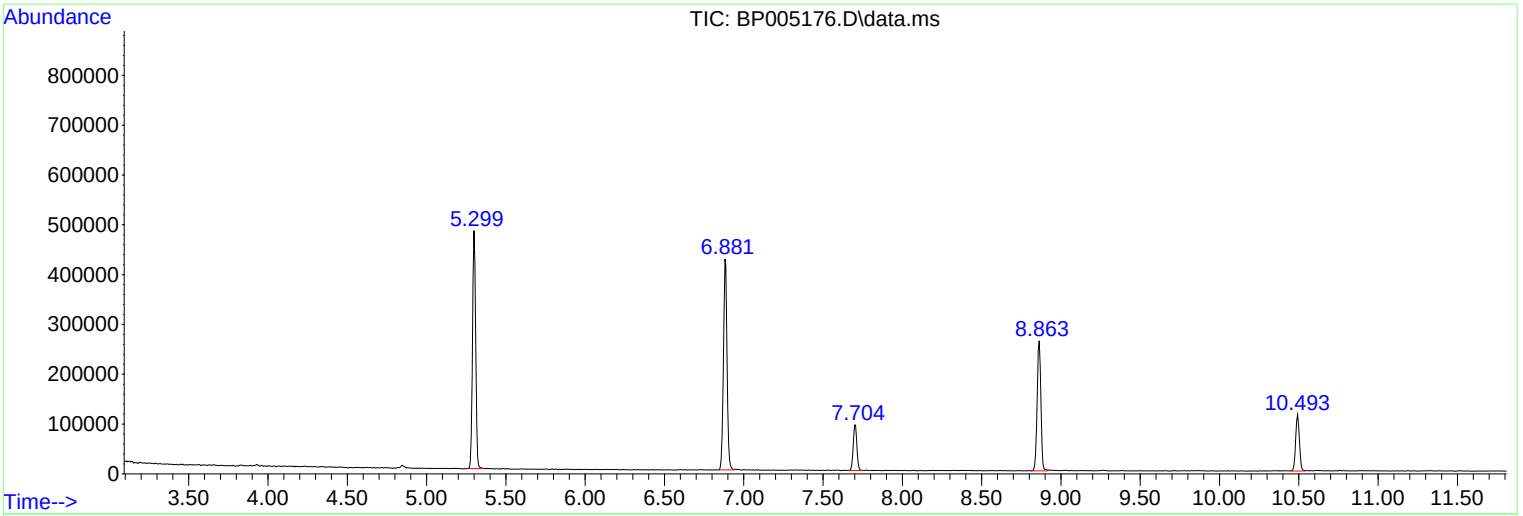
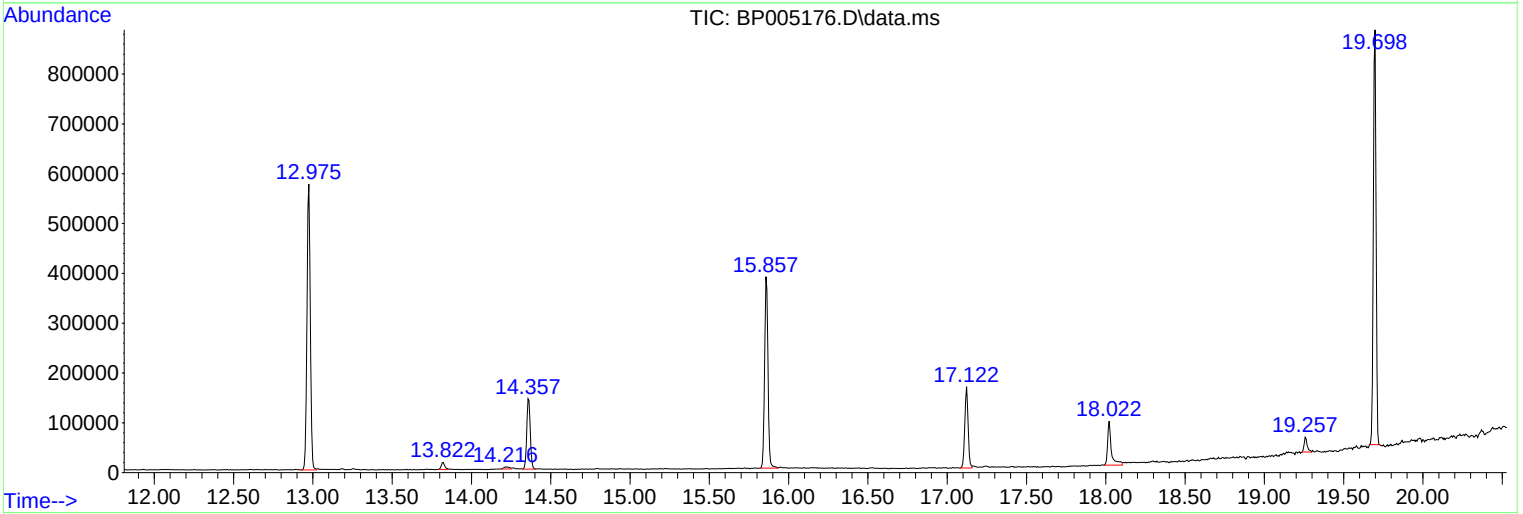
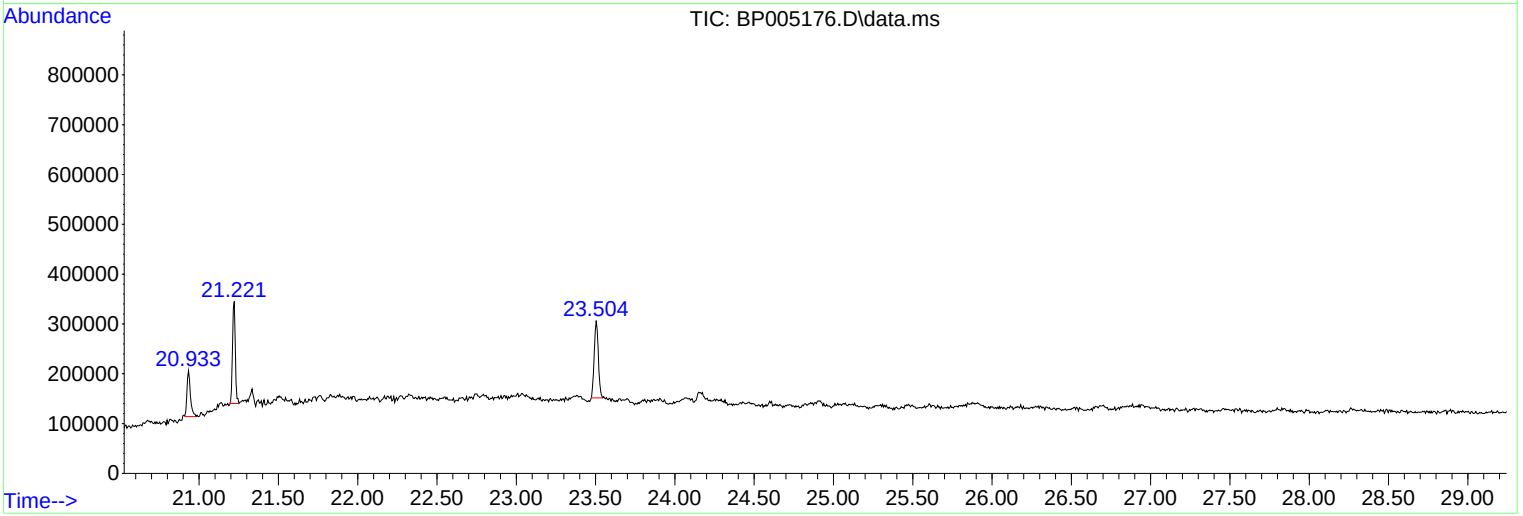
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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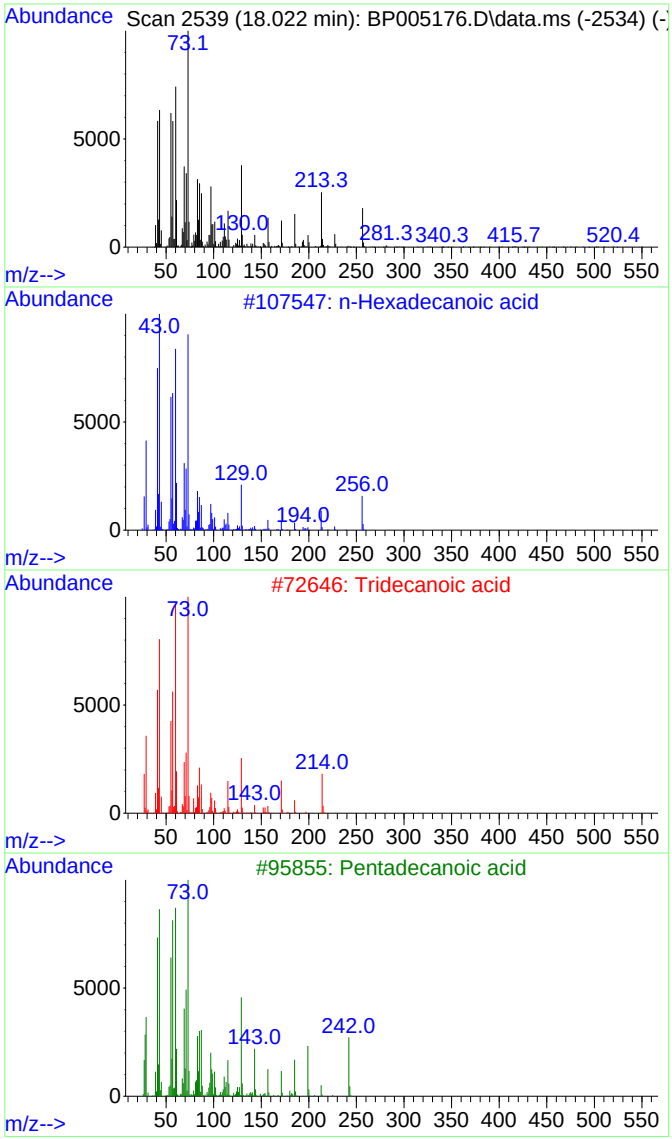
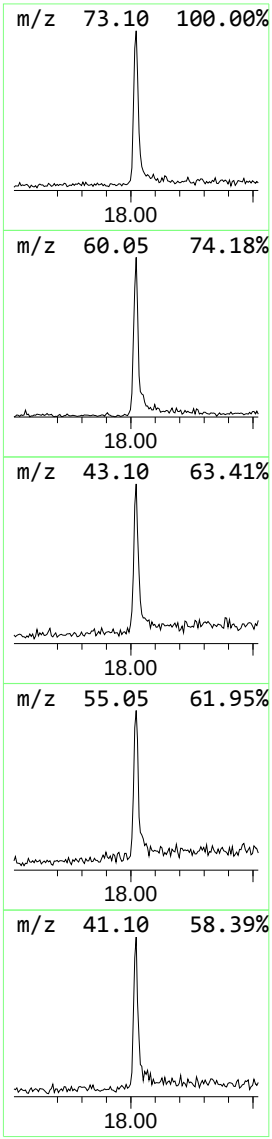
Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.022	12.25 ng	145560	Phenanthrene-d10	17.122

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Tridecanoic acid	214	C13H26O2	000638-53-9	76
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
4	Dodecanoic acid	200	C12H24O2	000143-07-7	64
5	Octadecanoic acid	284	C18H36O2	000057-11-4	64





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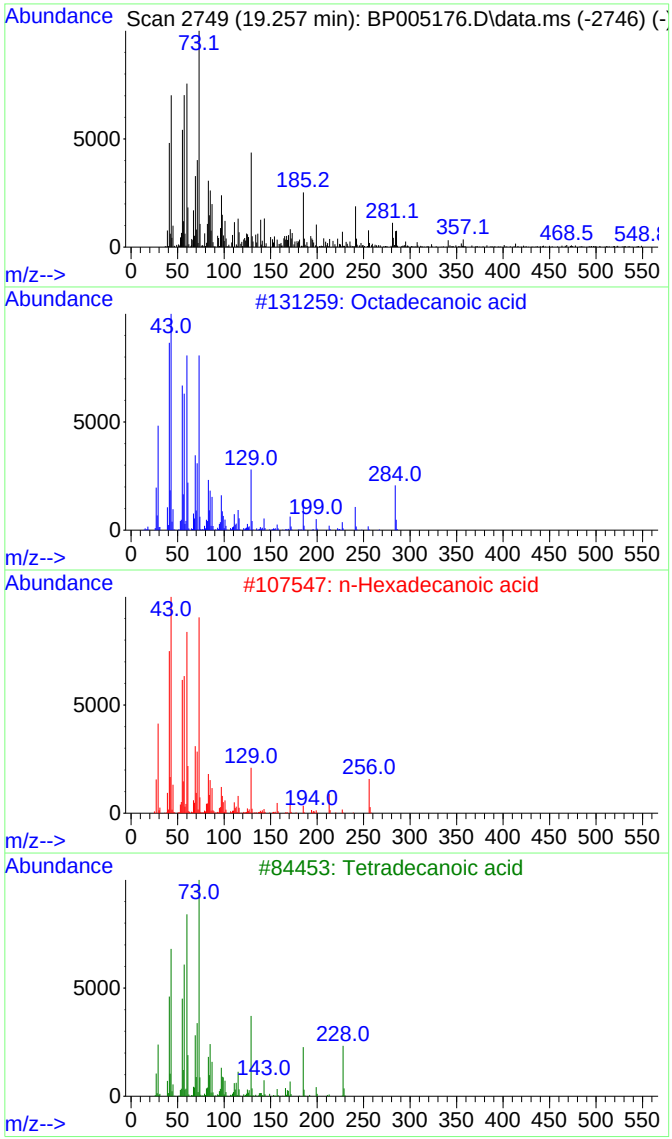
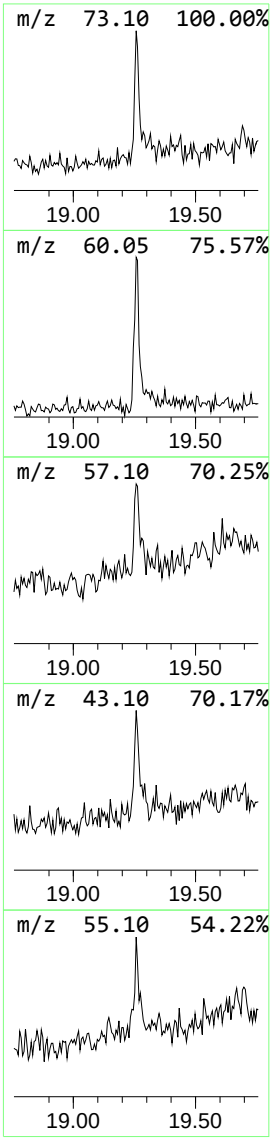
Peak Number 2 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.257	3.20 ng	39790	Chrysene-d12	21.221

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	96
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	89
5	Undecanoic acid	186	C11H22O2	000112-37-8	80





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Instrument :
BNA_P
ClientSampleId :
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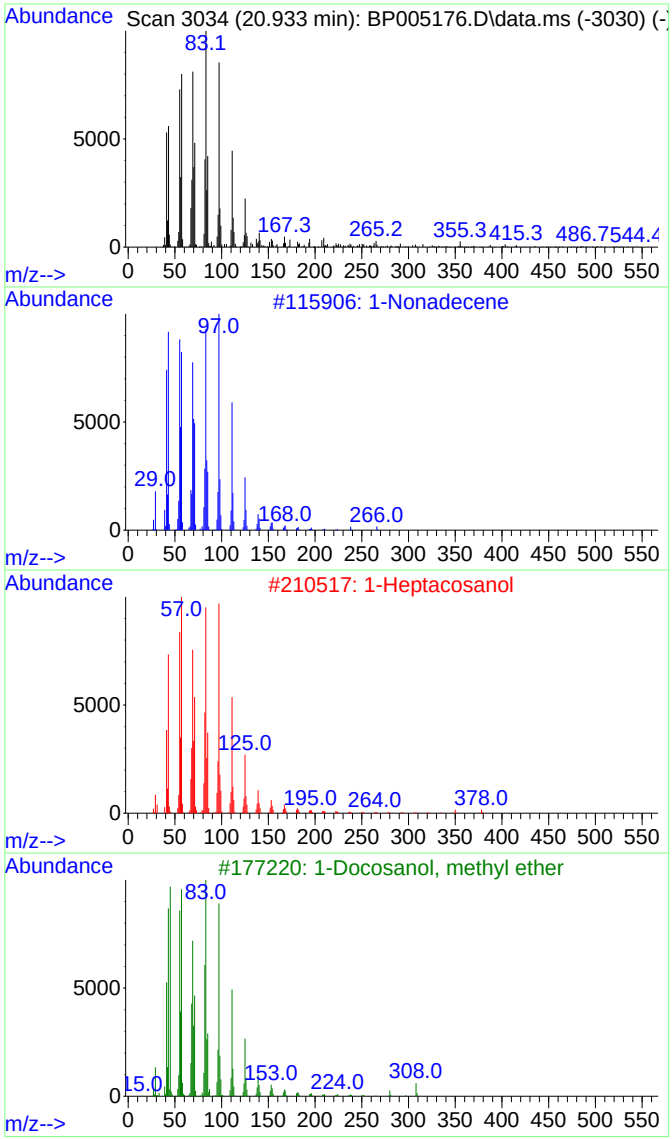
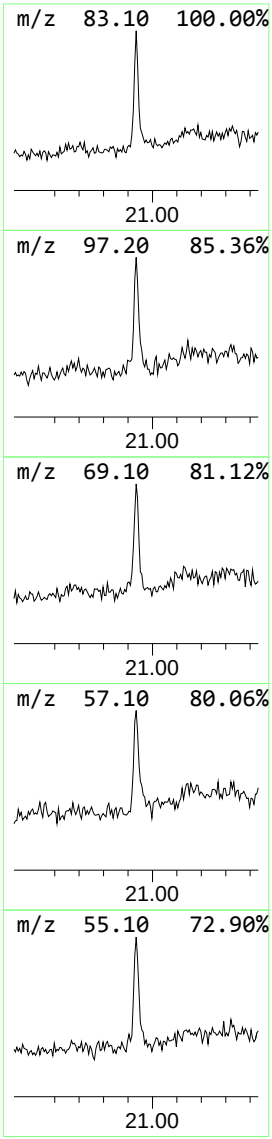
Peak Number 3 1-Nonadecene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.933	10.97 ng	136379	Chrysene-d12	21.221

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	96
2	1-Heptacosanol	396	C27H56O	002004-39-9	94
3	1-Docosanol, methyl ether	340	C23H48O	1000333-91-9	93
4	Behenic alcohol	326	C22H46O	000661-19-8	93
5	n-Nonadecanol-1	284	C19H40O	001454-84-8	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 ...	18.022	12.3	ng	145560	4	17.122	237661	20.0
Octadecanoic acid	19.257	3.2	ng	39790	5	21.221	248738	20.0
1-Nonadecene	20.933	11.0	ng	136379	5	21.221	248738	20.0