LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021624\
Data File : BP019749.D
Acq On : 16 Feb 2024 17:32
Operator : MA/JU
Sample : P1394-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-5(13-14)

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-BP013124.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP019749.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.475	398	406	417	rBV	859729	1289545	33.14%	7.660%
2	7.069	669	677	691	rBV	770161	1296404	33.32%	7.701%
3	7.899	811	818	826	rBV	236990	388248	9.98%	2.306%
4	9.069	1007	1017	1028	rBV	497051	860475	22.12%	5.112%
5	10.698	1286	1294	1310	rBV	265754	491894	12.64%	2.922%
6	13.163	1705	1713	1730	rBV	1257439	1998964	51.38%	11.875%
7	13.440	1754	1760	1768	rVB2	22394	39993	1.03%	0.238%
8	14.534	1939	1946	1959	rBV	364691	638703	16.42%	3.794%
9	16.034	2193	2201	2218	rBV	1115183	1897158	48.76%	11.270%
10	17.292	2409	2415	2429	rBV	551151	881707	22.66%	5.238%
11	18.192	2562	2568	2584	rBV	279087	430107	11.05%	2.555%
12	19.427	2773	2778	2786	rBV	118002	172324	4.43%	1.024%
13	19.863	2846	2852	2860	rBV	3140566	3890849	100.00%	23.113%
14	21.110	3060	3064	3072	rBV	259035	342025	8.79%	2.032%
15	21.386	3106	3111	3120	rBV	808564	1129256	29.02%	6.708%
16	23.810	3517	3523	3533	rVB	514727	1086130	27.91%	6.452%

Sum of corrected areas: 16833782

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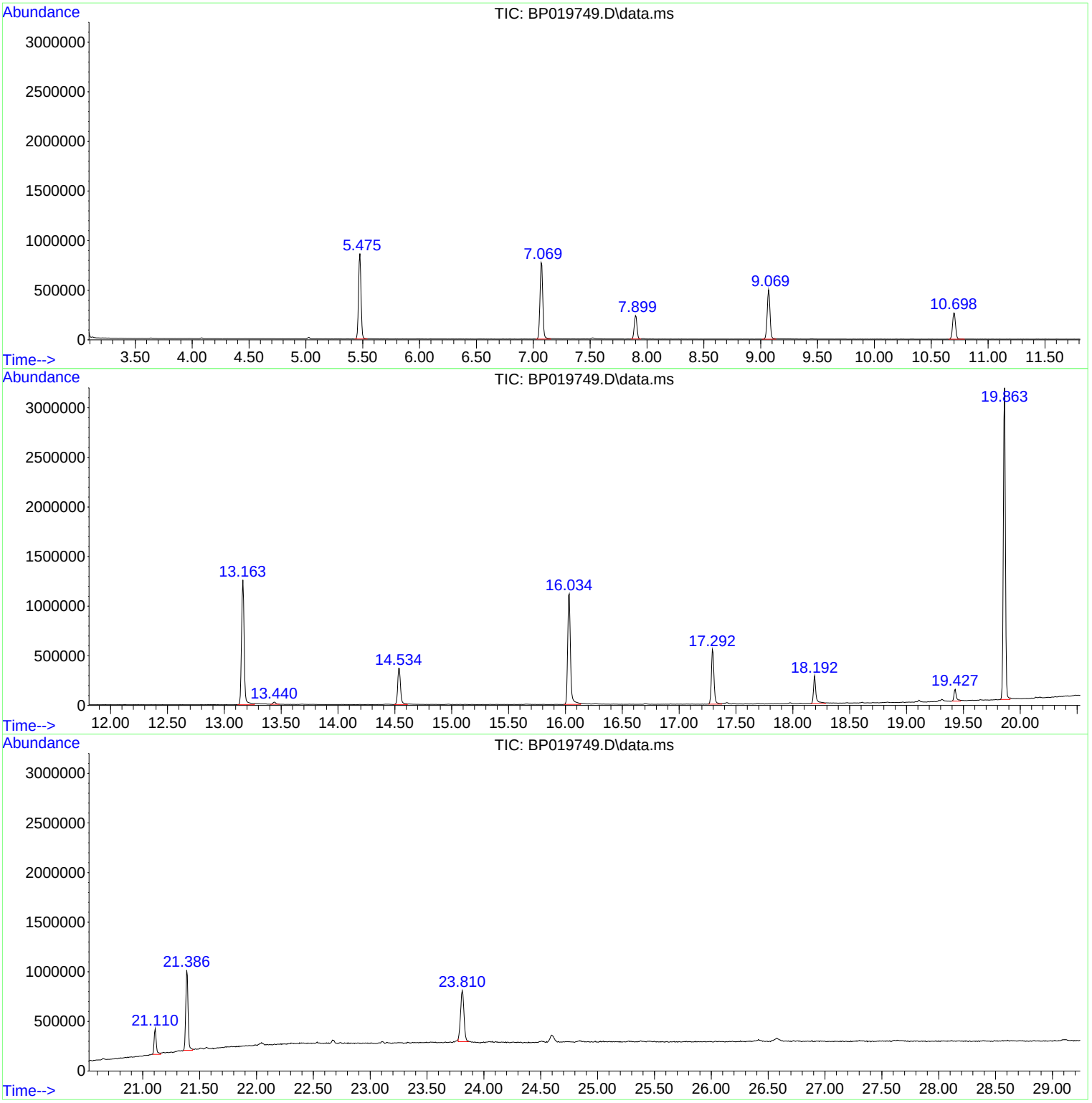
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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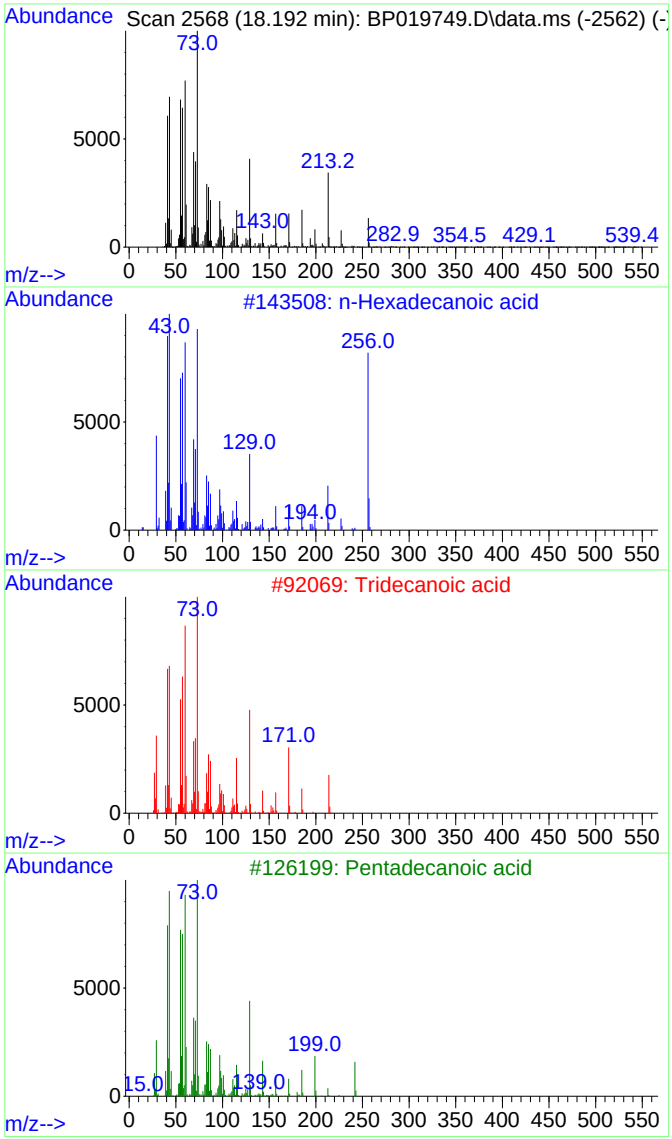
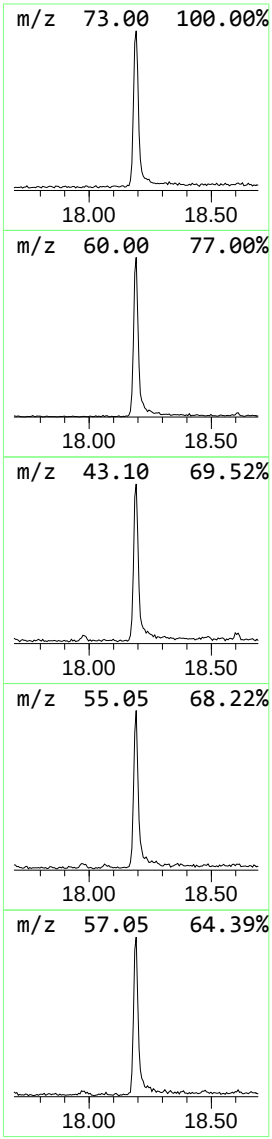
Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.192	9.76 ng	430107	Phenanthrene-d10	17.292

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	81
5	n-Decanoic acid	172	C10H20O2	000334-48-5	76





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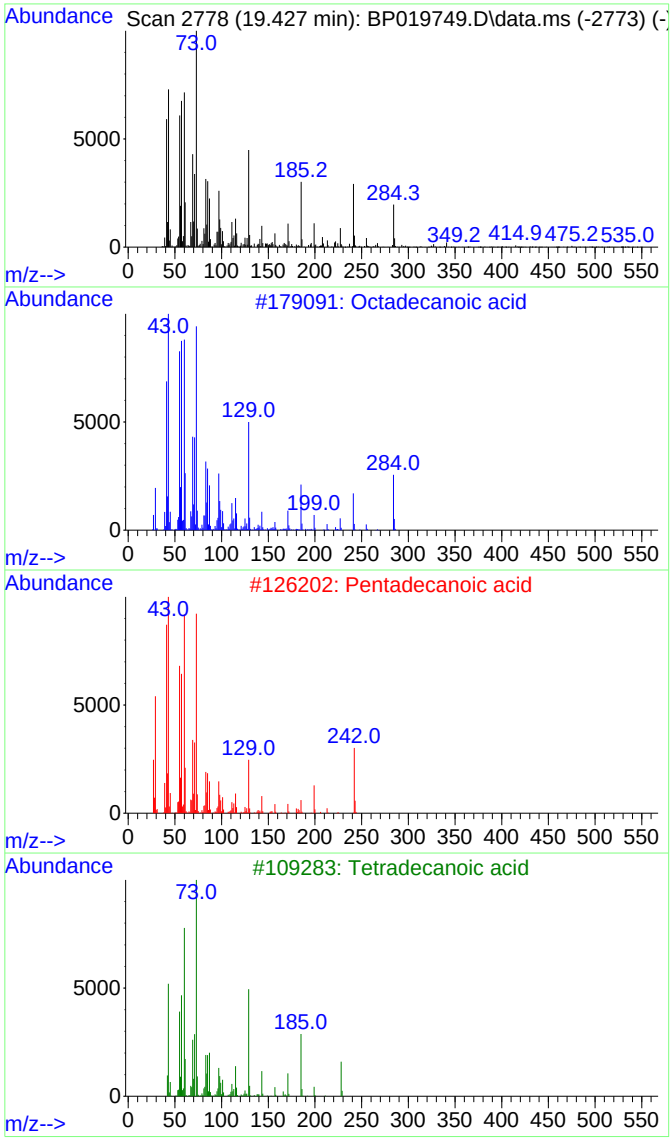
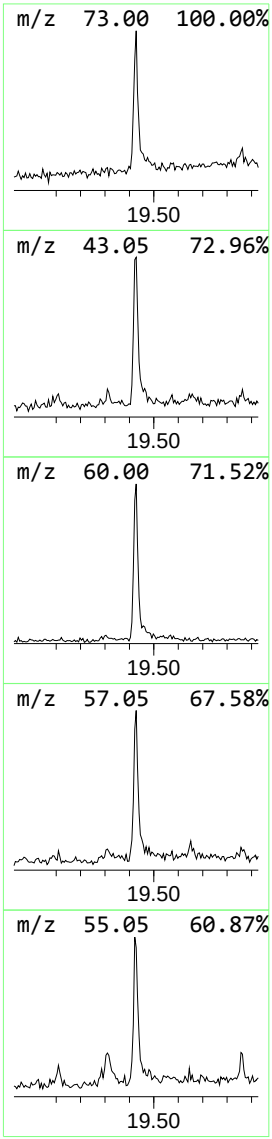
Peak Number 2 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.427	3.05 ng	172324	Chrysene-d12	21.386

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	92
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	68
4	Tridecanoic acid	214	C13H26O2	000638-53-9	64
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	52





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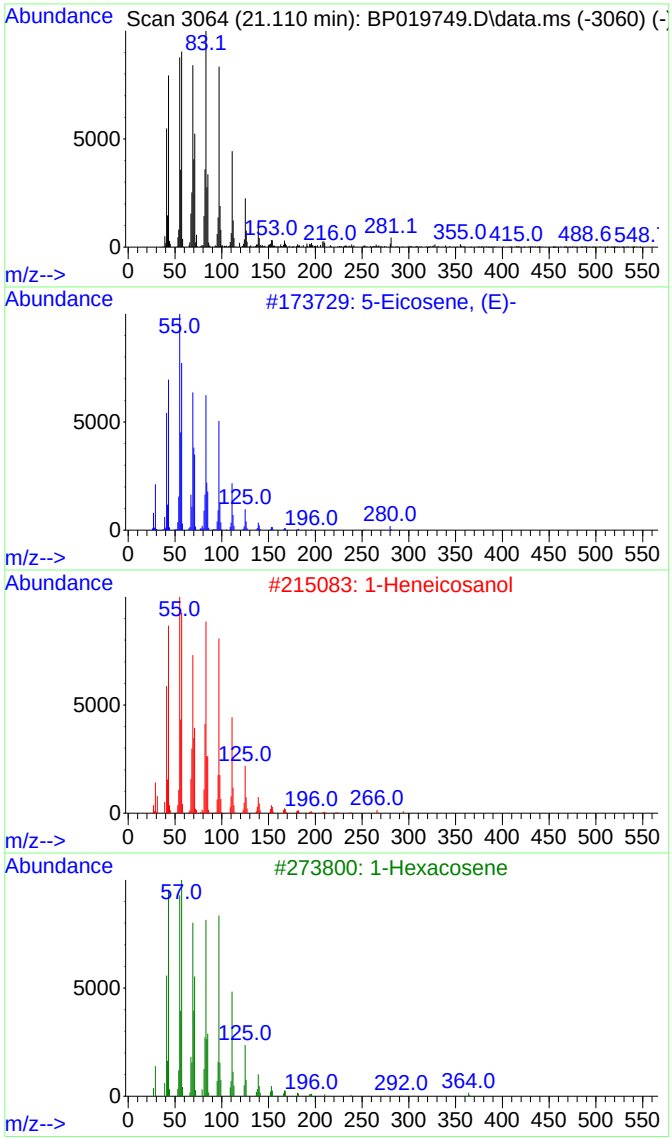
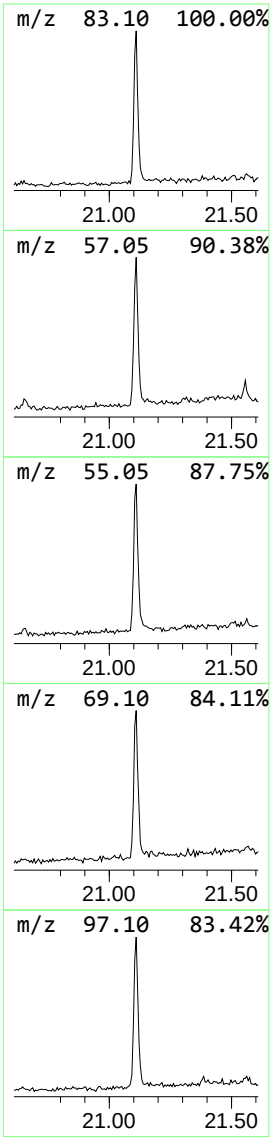
Peak Number 3 5-Eicosene, (E)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.110	6.06 ng	342025	Chrysene-d12	21.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	99
2	1-Heneicosanol	312	C21H44O	015594-90-8	94
3	1-Hexacosene	364	C26H52	018835-33-1	94
4	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
5	Pentacos-1-ene	350	C25H50	016980-85-1	94





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexadecanoic ...	18.192	9.8	ng	430107	4	17.292	881707	20.0
Octadecanoic acid	19.427	3.0	ng	172324	5	21.386	1129260	20.0
5-Eicosene, (E)-	21.110	6.1	ng	342025	5	21.386	1129260	20.0