

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081122\
 Data File : BM036215.D
 Acq On : 11 Aug 2022 18:45
 Operator : CG/JU
 Sample : N4142-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 UST-BOT

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_M\Methods\8270-BM080122.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM036215.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.410	388	395	407	rBV	4662458	6954370	38.12%	8.970%
2	7.022	661	669	686	rBV	4706259	7389696	40.50%	9.532%
3	7.822	796	805	813	rBV	874458	1403864	7.69%	1.811%
4	8.998	997	1005	1021	rBV	2783010	4540971	24.89%	5.857%
5	10.628	1274	1282	1295	rBV	1202331	2015419	11.05%	2.600%
6	13.098	1694	1702	1714	rBV	7477059	10708751	58.70%	13.813%
7	14.469	1928	1935	1950	rVB	1935958	2789592	15.29%	3.598%
8	15.963	2182	2189	2212	rBV	6757208	9460036	51.85%	12.202%
9	17.210	2395	2401	2415	rBV	2509926	3561074	19.52%	4.593%
10	18.109	2549	2554	2564	rBV	280103	448005	2.46%	0.578%
11	19.839	2842	2848	2853	rBV	15305532	18244294	100.00%	23.533%
12	20.603	2974	2978	2982	rBV	338374	410389	2.25%	0.529%
13	21.109	3060	3064	3072	rBV	730495	1019359	5.59%	1.315%
14	21.392	3107	3112	3119	rBV	3498989	4345722	23.82%	5.606%
15	23.739	3505	3511	3520	rVB2	2185394	4234271	23.21%	5.462%

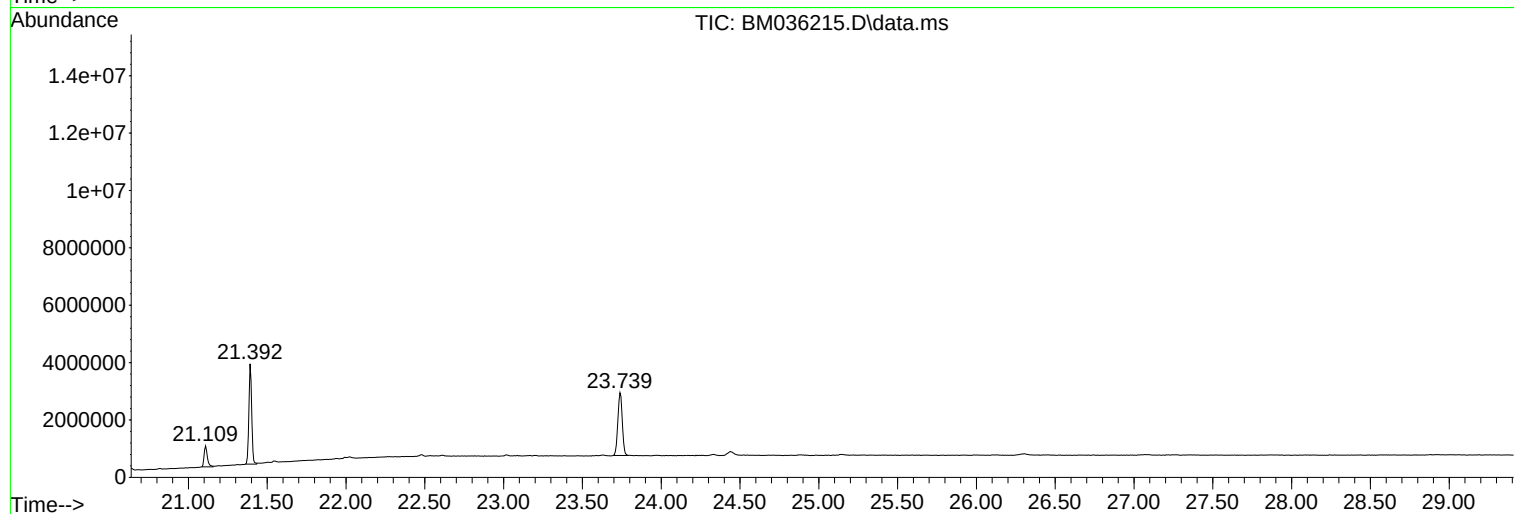
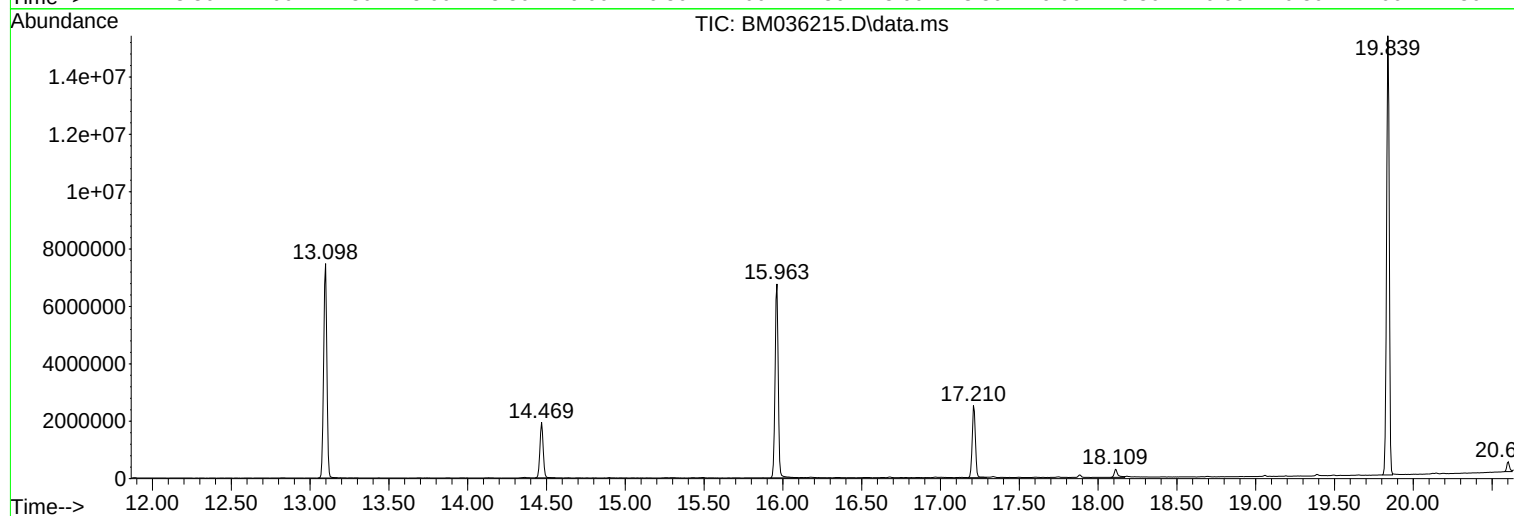
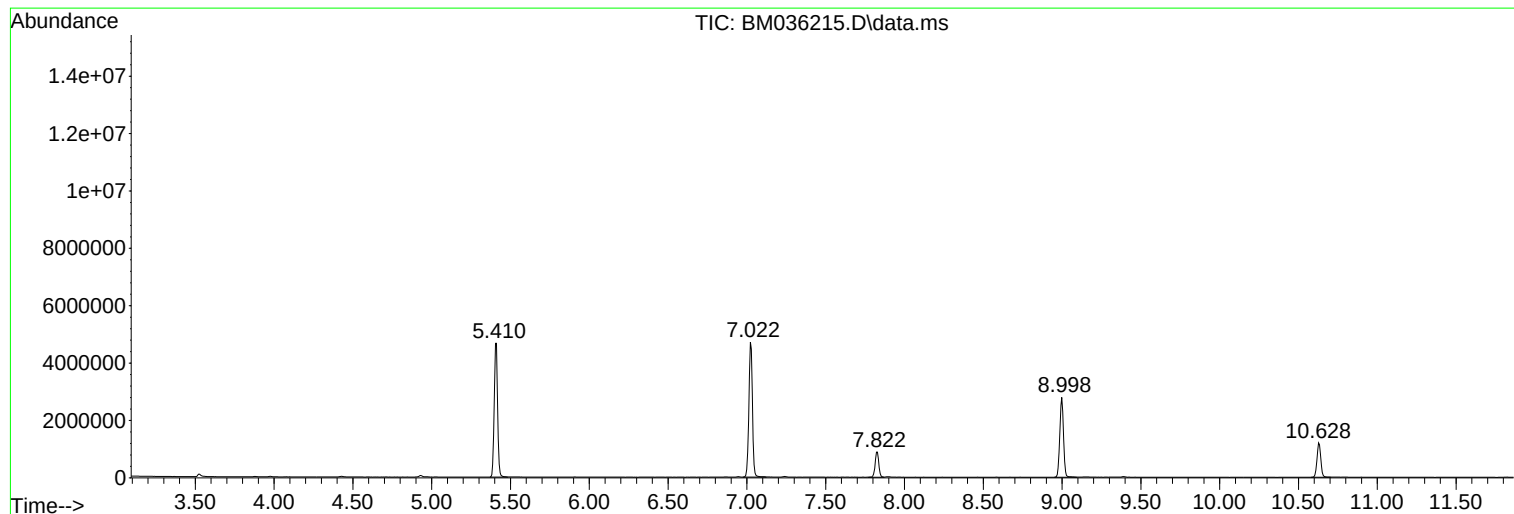
Sum of corrected areas: 77525813

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.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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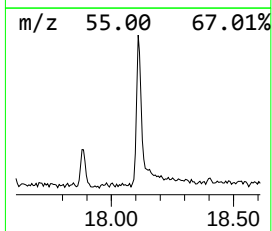
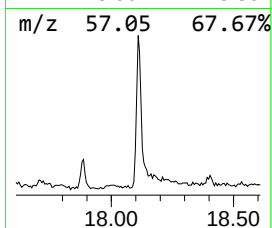
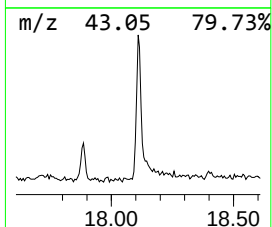
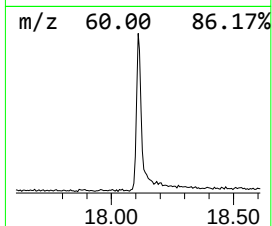
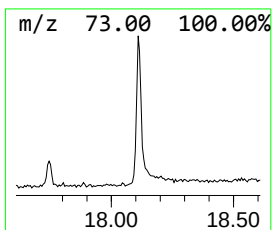
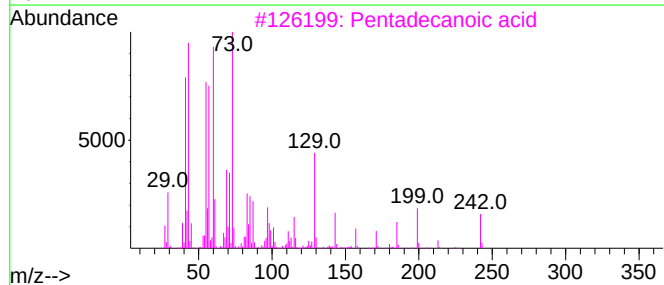
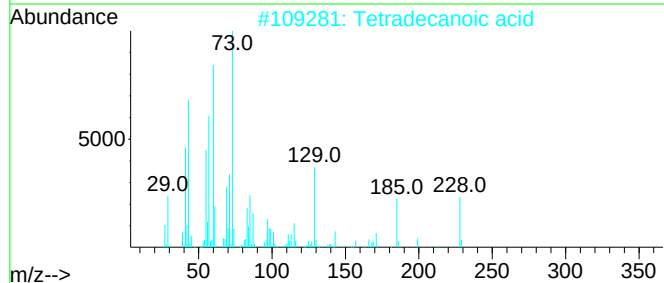
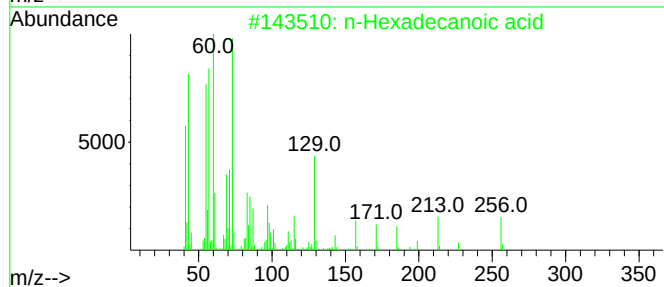
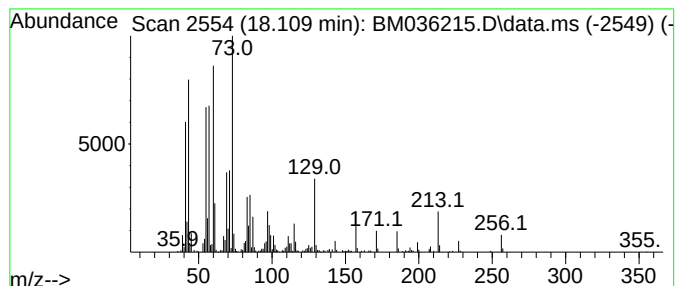
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Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.110	2.52 ng	448005	Phenanthrene-d10	17.210

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	94		
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90		
4	Tridecanoic acid	214	C13H26O2	000638-53-9	83		
5	Dodecanoic acid	200	C12H24O2	000143-07-7	72		



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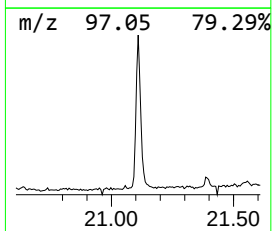
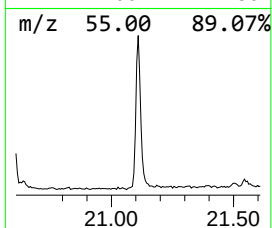
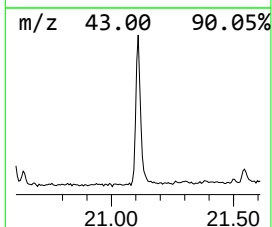
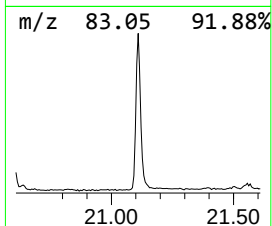
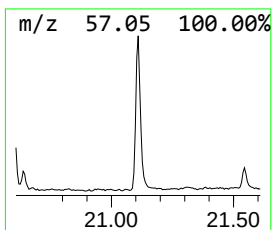
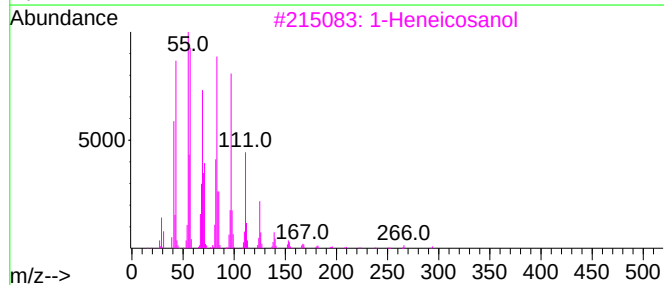
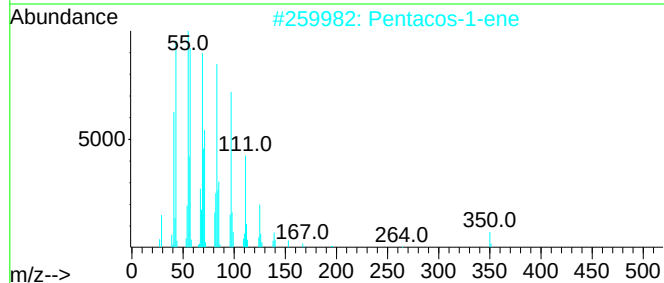
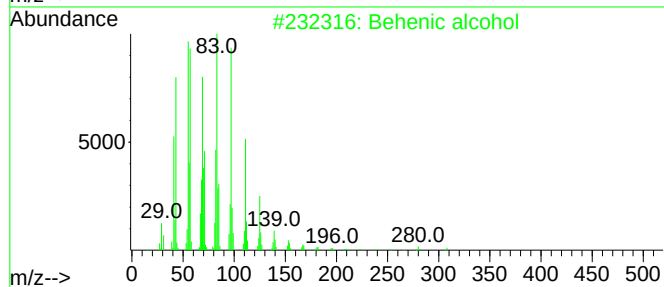
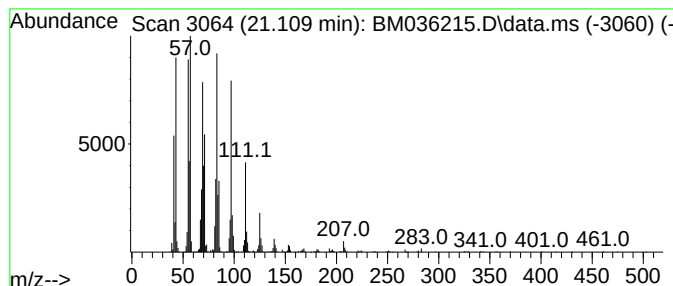
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Peak Number 2 Behenic alcohol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.109	4.69 ng	1019360	Chrysene-d12	21.392

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Behenic alcohol	326	C22H46O	000661-19-8	94
2			Pentacos-1-ene	350	C25H50	016980-85-1	94
3			1-Heneicosanol	312	C21H44O	015594-90-8	93
4			n-Tetracosanol-1	354	C24H50O	000506-51-4	93
5			Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	91



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic ...	18.110	2.5	ng	448005	4	17.210	3561070	20.0
Behenic alcohol	21.109	4.7	ng	1019360	5	21.392	4345720	20.0