

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050222\
 Data File : BM034883.D
 Acq On : 02 May 2022 21:28
 Operator : CG/JU
 Sample : N2619-14
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SB06-12-14-FT

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-BM042722.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM034883.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.505	404	411	422	rVB	4711418	6957665	37.37%	9.111%
2	7.093	673	681	694	rBV	4735583	7547684	40.54%	9.883%
3	7.928	816	823	831	rBV	800394	1243441	6.68%	1.628%
4	9.087	1011	1020	1028	rBV	3002790	4851295	26.06%	6.353%
5	10.728	1292	1299	1306	rBV	1055425	1753668	9.42%	2.296%
6	13.186	1710	1717	1725	rBV	7405931	11176340	60.03%	14.635%
7	14.557	1942	1950	1958	rBV	1662519	2514410	13.51%	3.293%
8	16.045	2196	2203	2221	rBV	6988801	9827847	52.79%	12.869%
9	17.298	2409	2416	2426	rBV	2298653	3195692	17.17%	4.185%
10	18.204	2565	2570	2579	rBV	319584	465536	2.50%	0.610%
11	19.921	2856	2862	2868	rBV	15002870	18617432	100.00%	24.379%
12	21.192	3074	3078	3088	rBV	603232	800685	4.30%	1.048%
13	21.474	3121	3126	3136	rBV	3184591	3954670	21.24%	5.179%
14	23.868	3526	3533	3541	rVB2	1713737	3460581	18.59%	4.532%

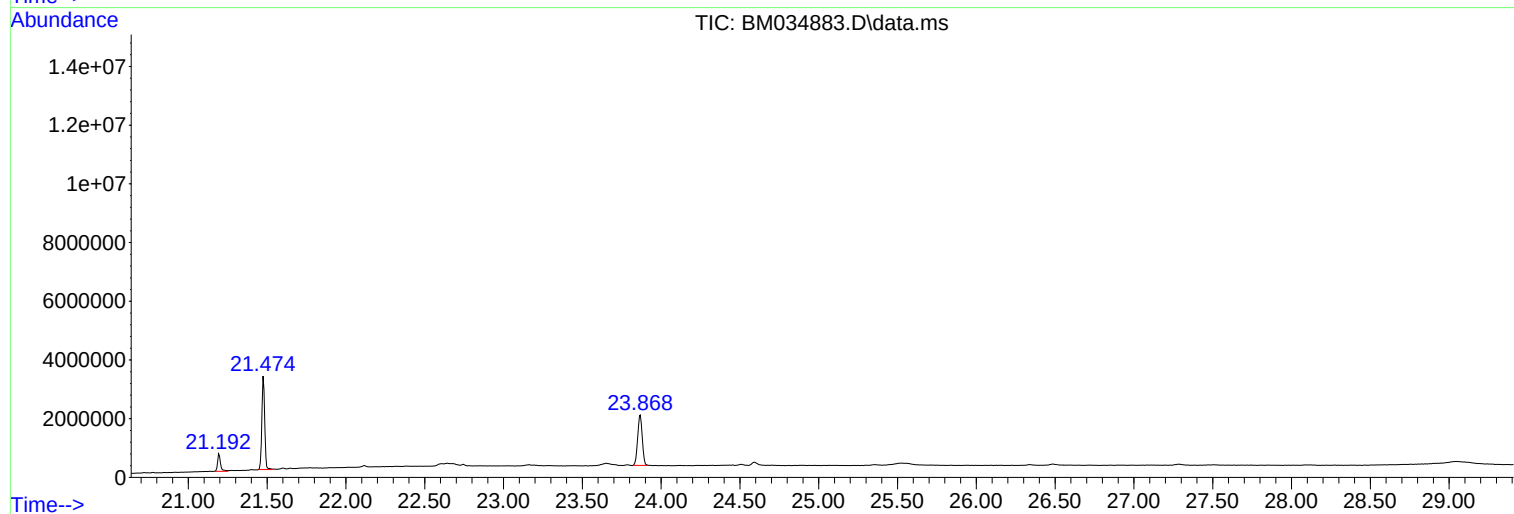
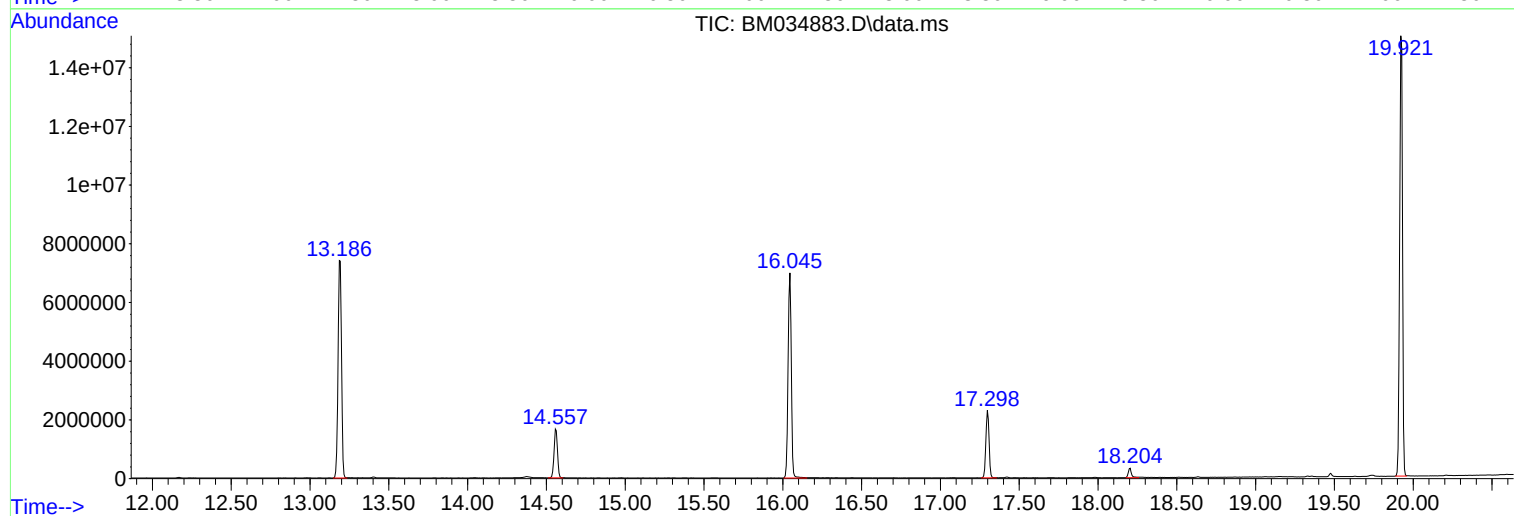
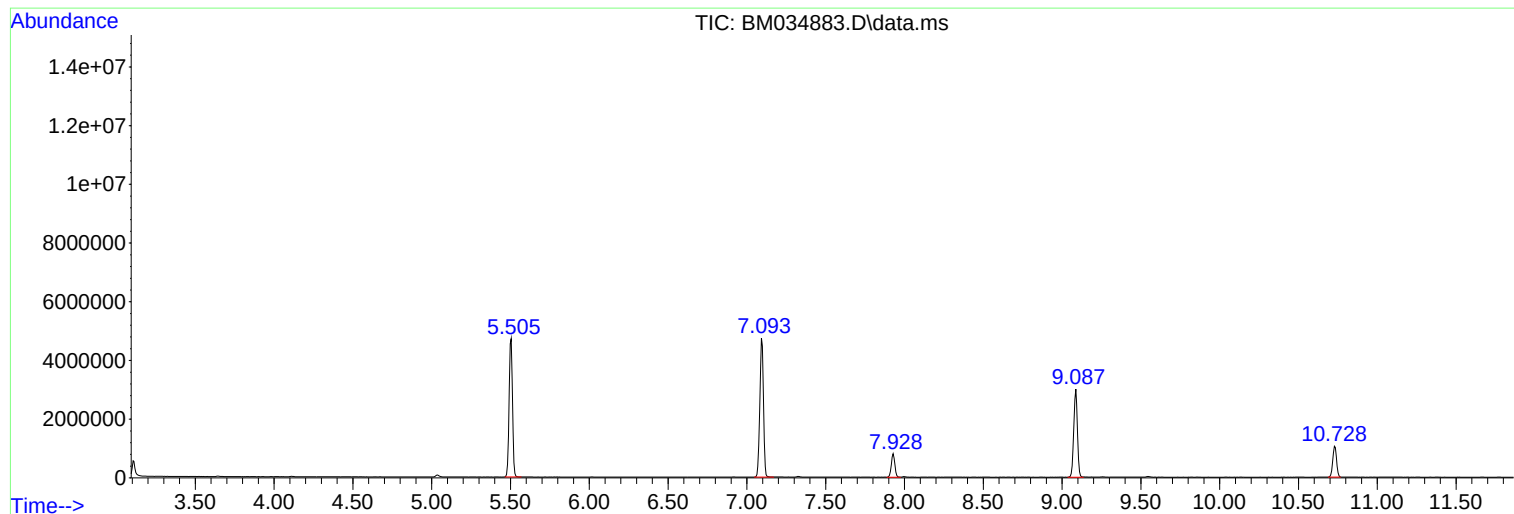
Sum of corrected areas: 76366946

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042722.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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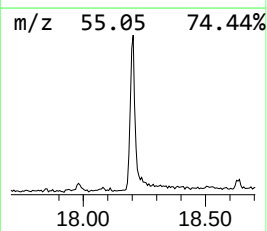
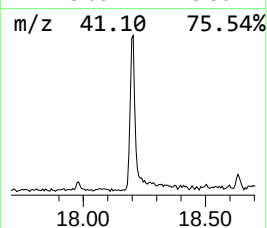
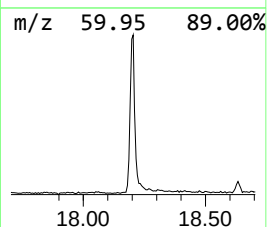
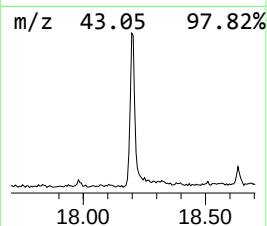
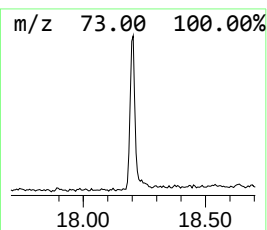
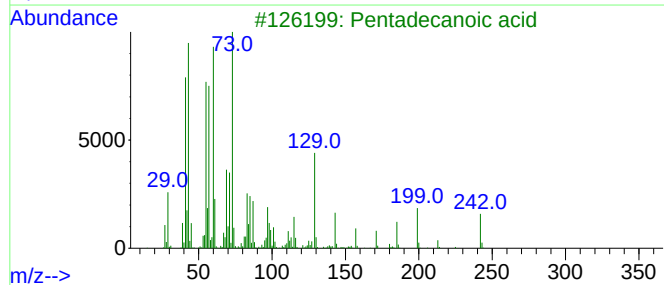
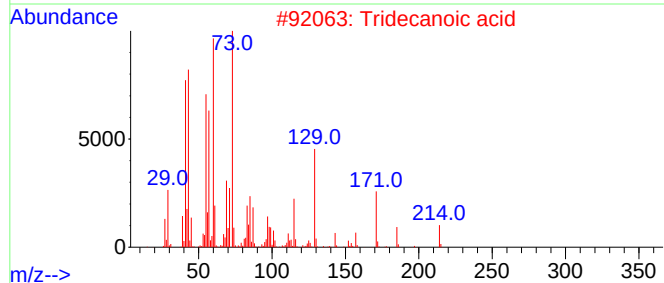
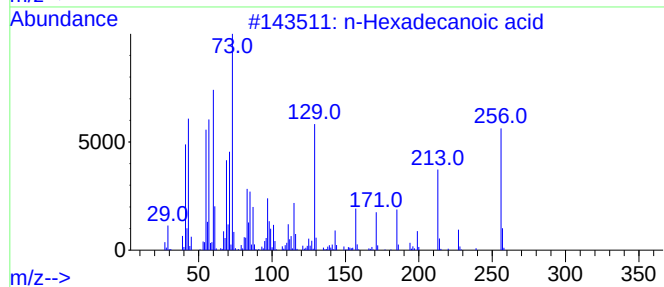
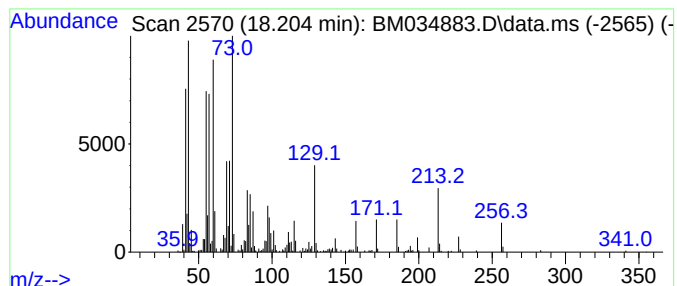
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Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.204	2.91 ng	465536	Phenanthrene-d10	17.298

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	89
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4			Octadecanoic acid	284	C18H36O2	000057-11-4	87
5			n-Decanoic acid	172	C10H20O2	000334-48-5	70



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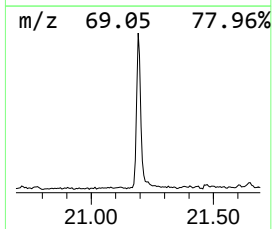
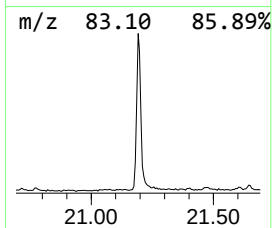
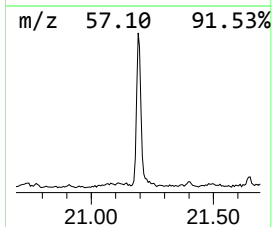
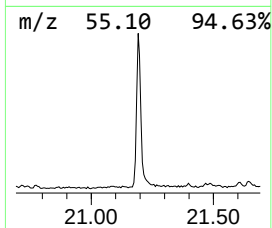
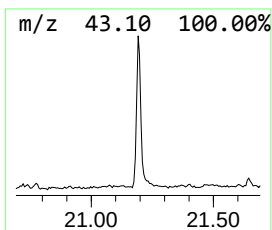
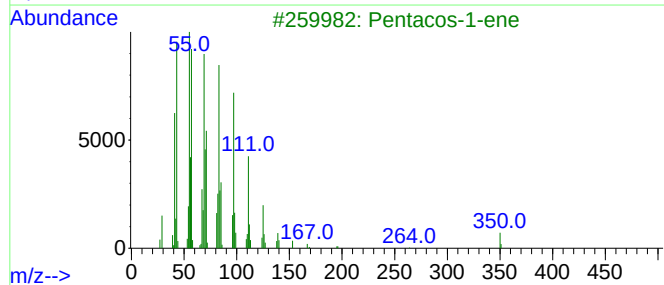
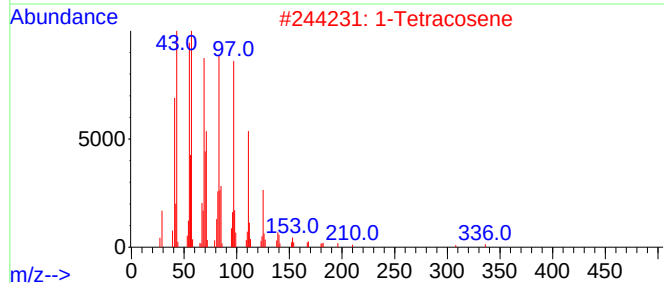
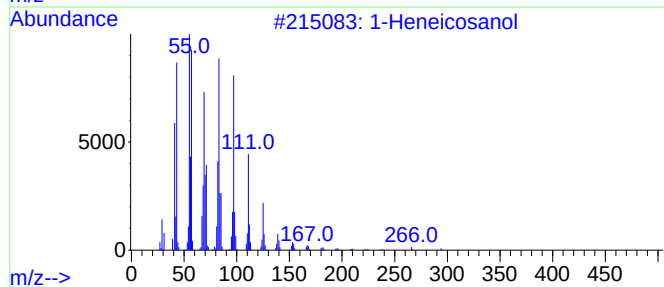
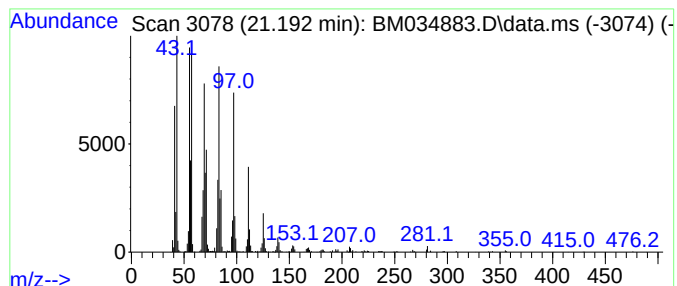
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Peak Number 2 1-Heneicosanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.192	4.05 ng	800685	Chrysene-d12	21.474

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Heneicosanol	312	C21H44O	015594-90-8	95
2			1-Tetracosene	336	C24H48	010192-32-2	95
3			Pentacos-1-ene	350	C25H50	016980-85-1	94
4			n-Tetracosanol-1	354	C24H50O	000506-51-4	94
5			Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	94



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic ...	18.204	2.9	ng	465536	4	17.298	3195690	20.0
1-Heneicosanol	21.192	4.0	ng	800685	5	21.474	3954670	20.0