

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042121\
 Data File : BM029578.D
 Acq On : 21 Apr 2021 22:24
 Operator : CG/JU
 Sample : M2110-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 S-8

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-BM042121.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM029578.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.246	394	401	418	rBV	798093	1220417	27.19%	6.526%
2	6.822	662	669	685	rBV	799977	1360327	30.31%	7.274%
3	7.646	802	809	818	rBV	221129	363143	8.09%	1.942%
4	8.798	998	1005	1026	rBV	475836	829607	18.48%	4.436%
5	10.428	1275	1282	1290	rBV	288012	498513	11.11%	2.666%
6	12.904	1695	1703	1720	rBV	1589719	2372928	52.87%	12.688%
7	13.751	1841	1847	1854	rBV	67585	102496	2.28%	0.548%
8	14.286	1932	1938	1950	rBV	571184	840083	18.72%	4.492%
9	15.774	2185	2191	2214	rBV	1394177	2053858	45.76%	10.982%
10	17.027	2398	2404	2416	rBV	744502	1092273	24.34%	5.841%
11	17.933	2553	2558	2568	rBV	77995	120591	2.69%	0.645%
12	19.221	2772	2777	2783	rBV4	30269	51058	1.14%	0.273%
13	19.662	2846	2852	2864	rBV	3656529	4488180	100.00%	23.999%
14	20.939	3064	3069	3076	rBV	200741	310511	6.92%	1.660%
15	21.209	3110	3115	3122	rBV	1150191	1458821	32.50%	7.801%
16	23.403	3482	3488	3498	rVB2	805858	1538750	34.28%	8.228%

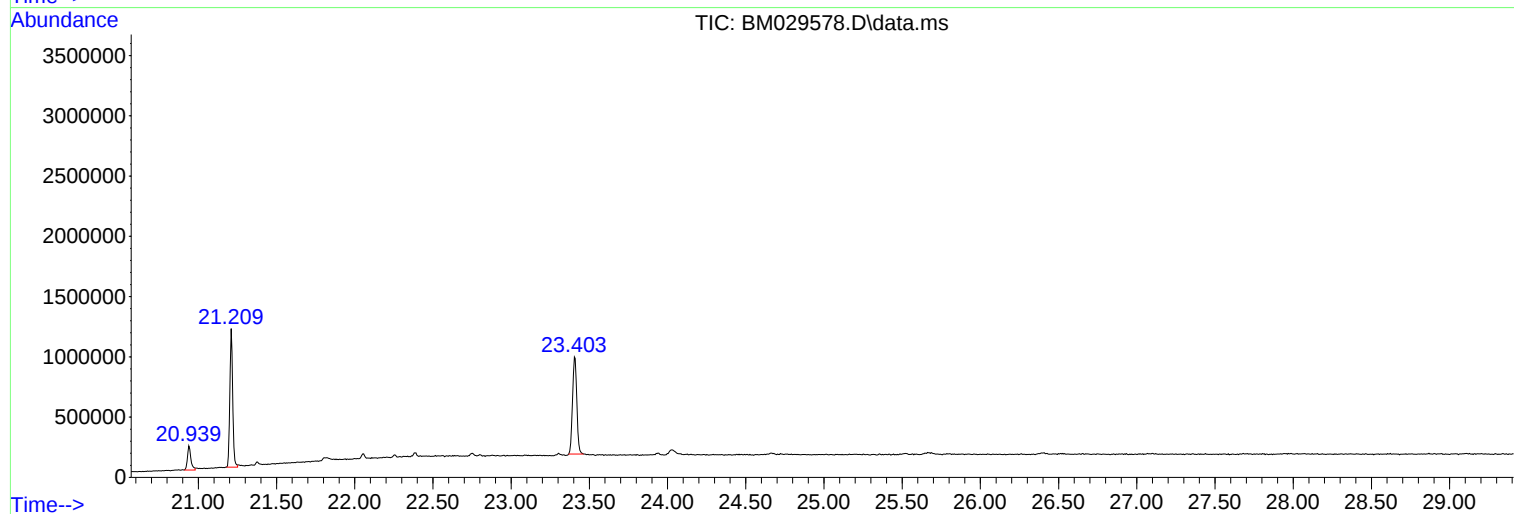
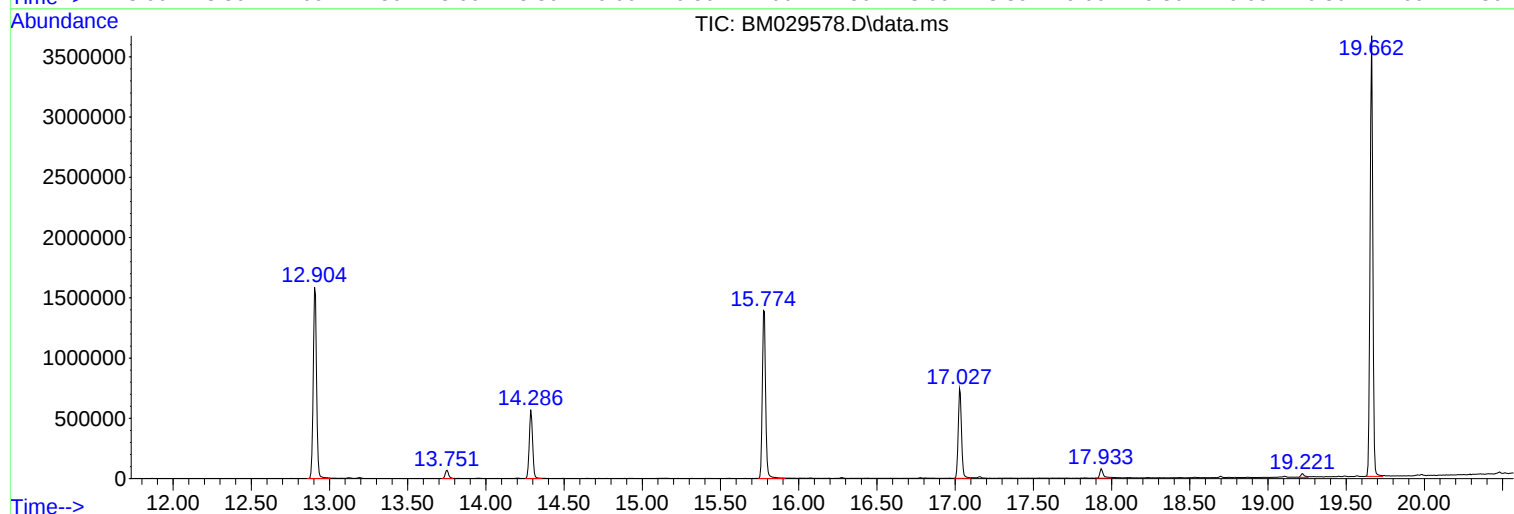
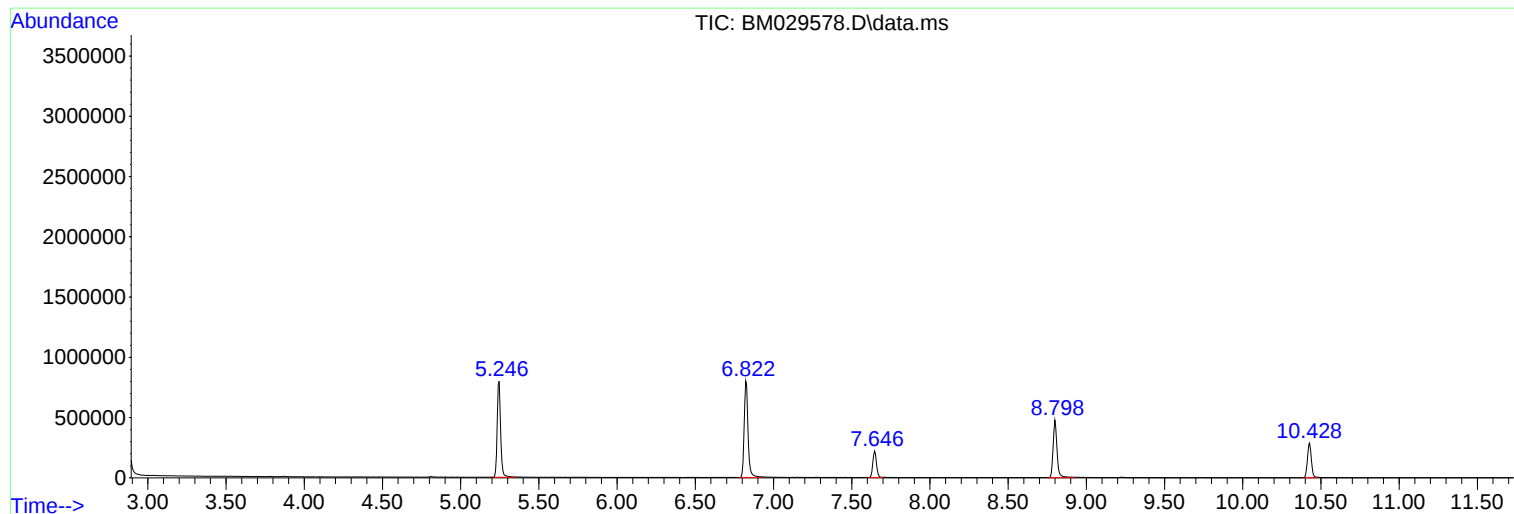
Sum of corrected areas: 18701556

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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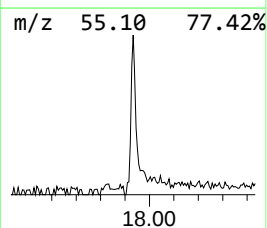
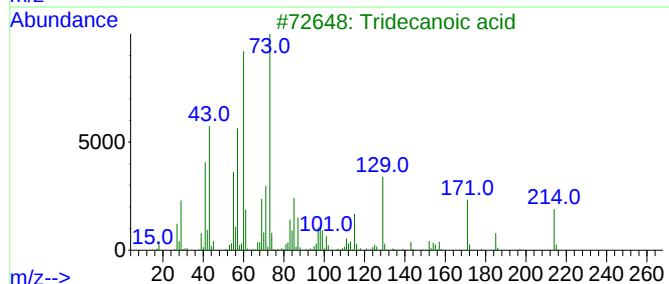
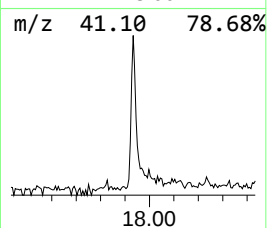
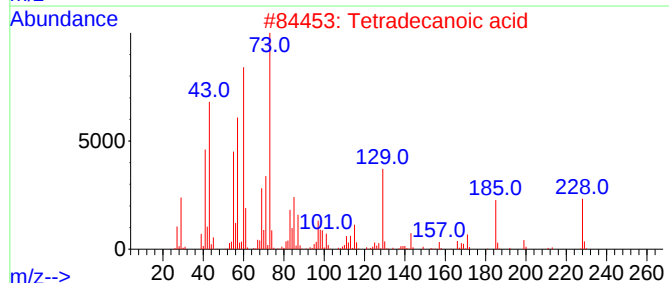
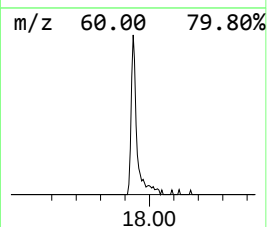
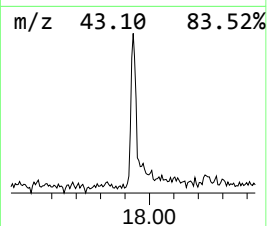
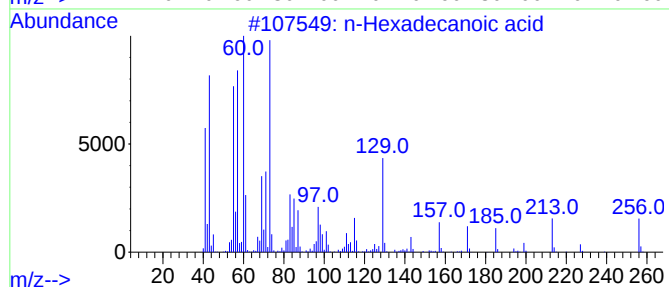
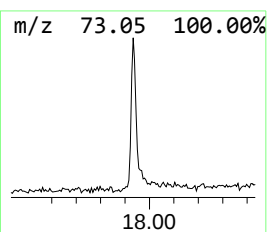
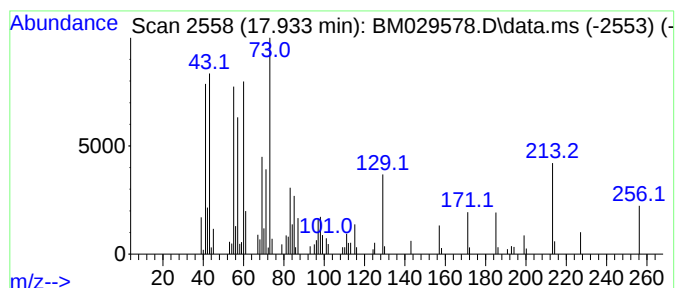
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TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.933	2.21 ng	120591	Phenanthrene-d10	17.027

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2			Tetradecanoic acid	228	C14H28O2	000544-63-8	76
3			Tridecanoic acid	214	C13H26O2	000638-53-9	64
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	62
5			Dodecanoic acid	200	C12H24O2	000143-07-7	52



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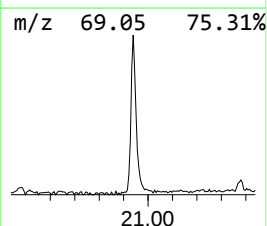
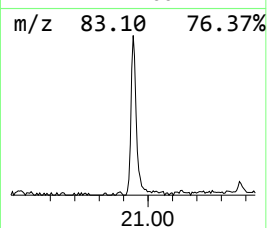
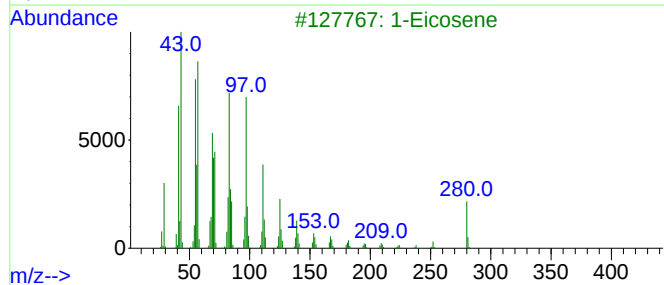
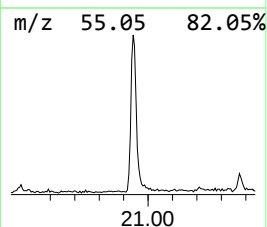
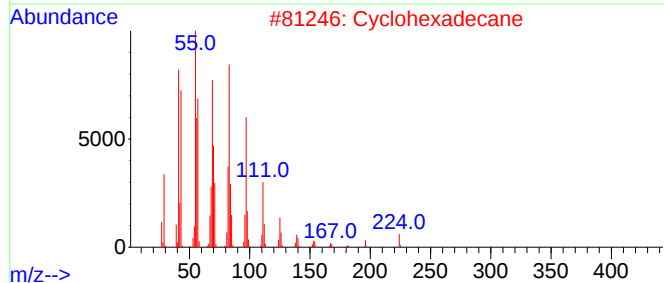
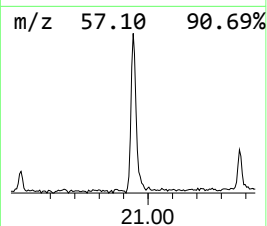
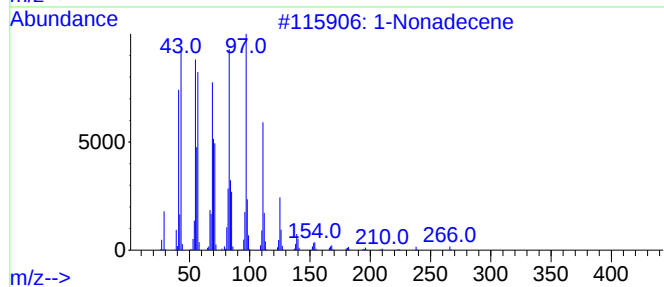
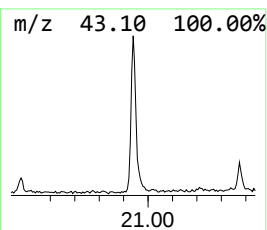
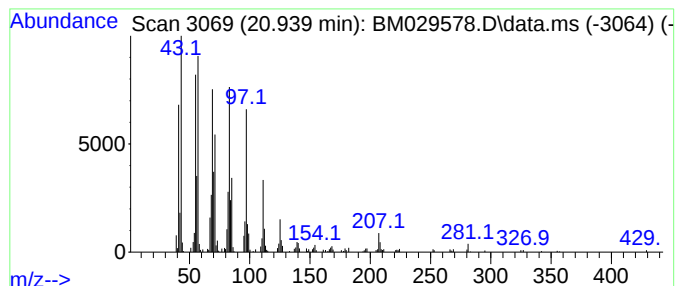
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Peak Number 2 1-Nonadecene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.939	4.26 ng	310511	Chrysene-d12	21.209

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene			266	C19H38	018435-45-5	98
2	Cyclohexadecane			224	C16H32	000295-65-8	98
3	1-Eicosene			280	C20H40	003452-07-1	92
4	1-Heneicosyl formate			340	C22H44O2	077899-03-7	91
5	Nonadecyl trifluoroacetate			380	C21H39F3O2	1000351-76-3	91



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic ...	17.933	2.2	ng	120591	4	17.027	1092270	20.0
1-Nonadecene	20.939	4.3	ng	310511	5	21.209	1458820	20.0