

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042421\
 Data File : BM029639.D
 Acq On : 24 Apr 2021 16:06
 Operator : CG/JU
 Sample : M2149-13
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SB-40-0-2.0

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: BM029639.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.222	391	397	412	rBV	1068054	1508982	43.00%	7.899%
2	6.804	658	666	683	rBV	995148	1604785	45.73%	8.400%
3	7.622	799	805	816	rBV	301587	486426	13.86%	2.546%
4	8.780	994	1002	1012	rBV	601728	1039588	29.63%	5.442%
5	10.404	1271	1278	1285	rBV	353617	602784	17.18%	3.155%
6	12.886	1693	1700	1712	rBV	1694810	2472045	70.45%	12.940%
7	13.733	1839	1844	1853	rVB	45451	73218	2.09%	0.383%
8	14.115	1902	1909	1918	rBV3	13558	36814	1.05%	0.193%
9	14.268	1928	1935	1943	rBV	566284	822498	23.44%	4.305%
10	15.762	2182	2189	2199	rBV	1368291	1904219	54.27%	9.967%
11	16.421	2295	2301	2307	rBV6	18326	36452	1.04%	0.191%
12	17.015	2394	2402	2406	rBV	690478	958588	27.32%	5.018%
13	17.056	2406	2409	2415	rVB	60418	86268	2.46%	0.452%
14	17.921	2552	2556	2565	rBV2	151358	221051	6.30%	1.157%
15	19.033	2739	2745	2748	rBV	155127	196343	5.60%	1.028%
16	19.074	2748	2752	2757	rVB	153871	200744	5.72%	1.051%
17	19.203	2771	2774	2782	rBV3	45582	77118	2.20%	0.404%
18	19.433	2806	2813	2818	rBV	148199	234062	6.67%	1.225%
19	19.644	2844	2849	2861	rBV	2765854	3509039	100.00%	18.368%
20	20.921	3062	3066	3073	rBV	347222	451788	12.87%	2.365%
21	21.197	3107	3113	3117	rBV	999658	1365925	38.93%	7.150%
22	23.385	3479	3485	3492	rVB2	675857	1215767	34.65%	6.364%

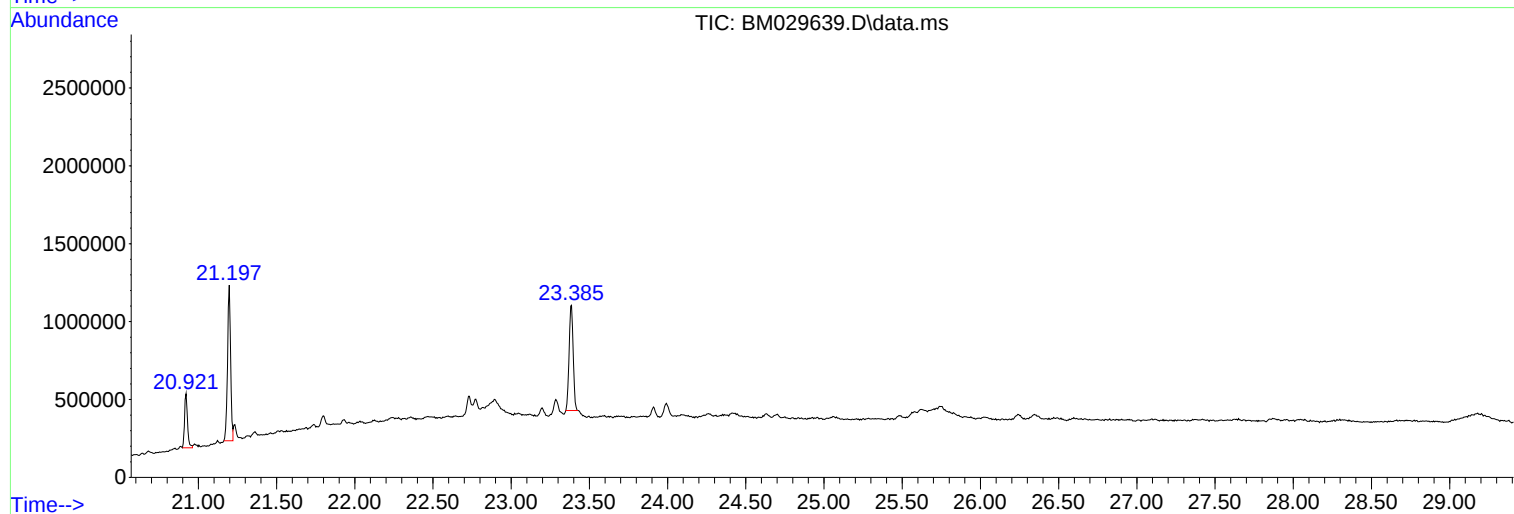
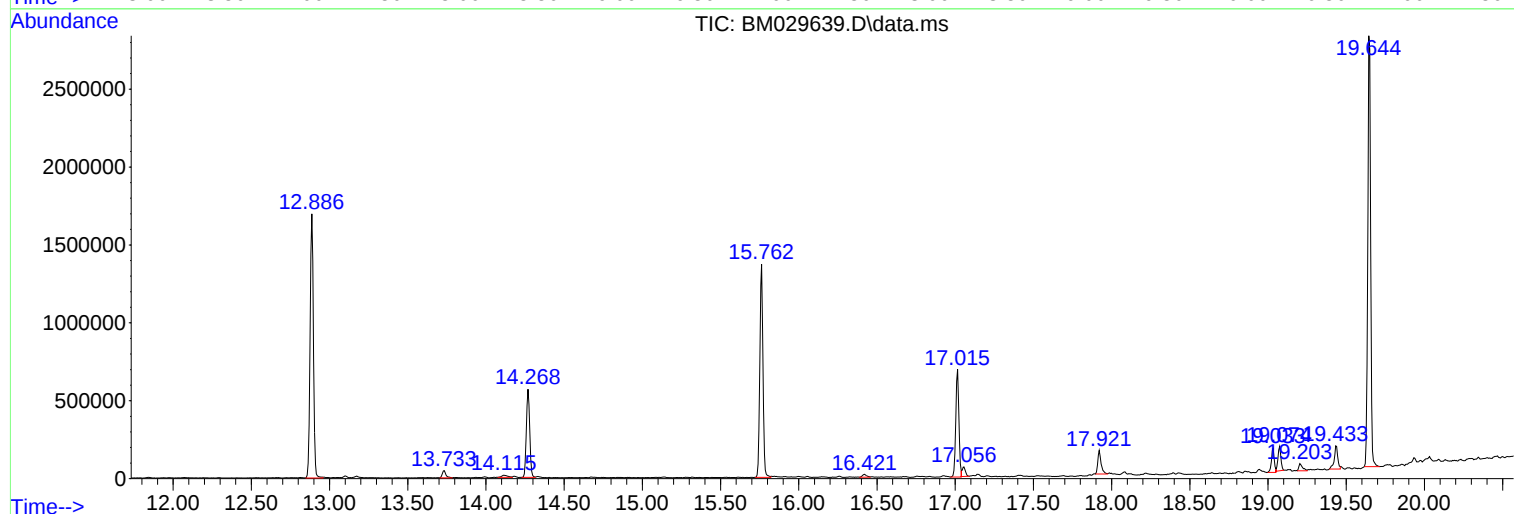
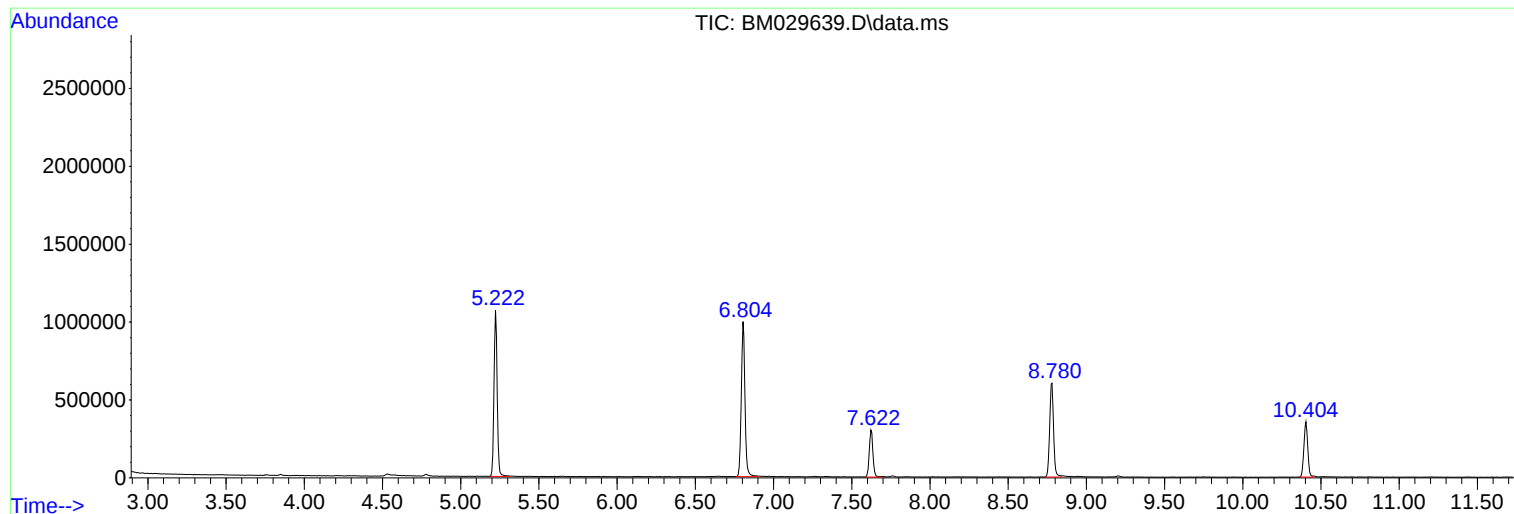
Sum of corrected areas: 19104504

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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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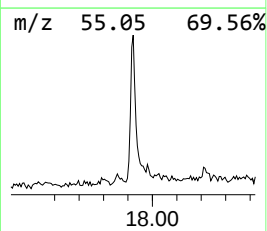
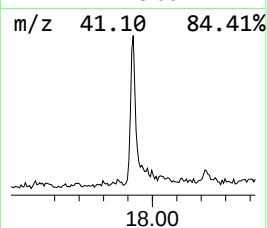
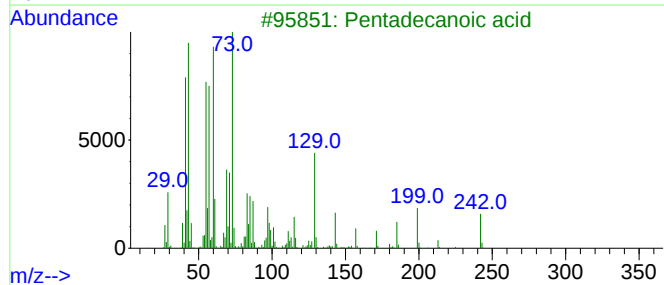
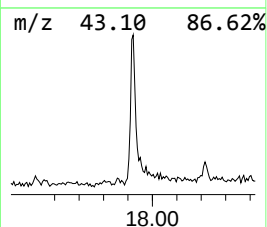
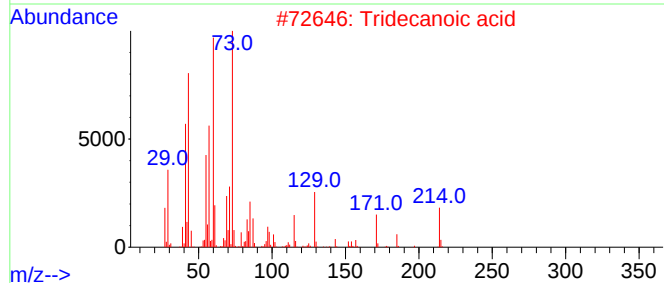
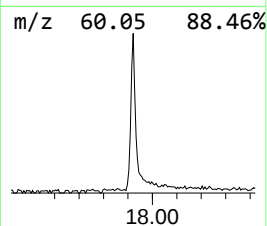
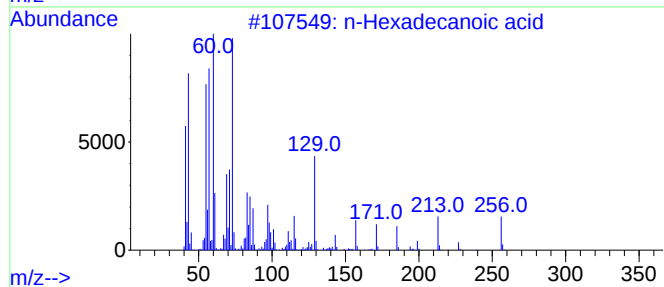
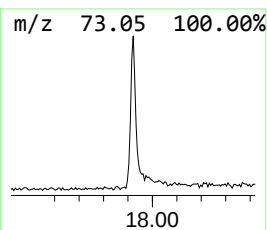
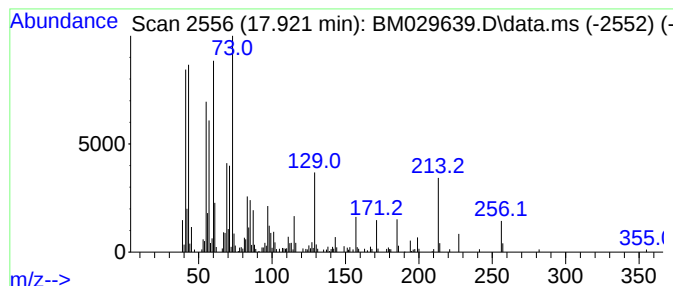
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Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.921	4.61 ng	221051	Phenanthrene-d10	17.015

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Tridecanoic acid	214	C13H26O2	000638-53-9	93
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4		Undecanoic acid	186	C11H22O2	000112-37-8	81
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	80



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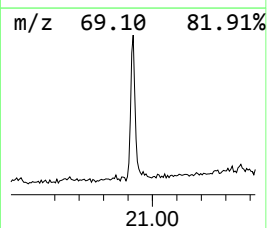
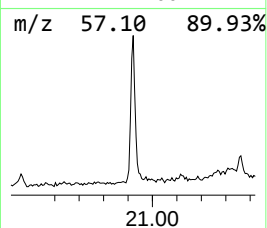
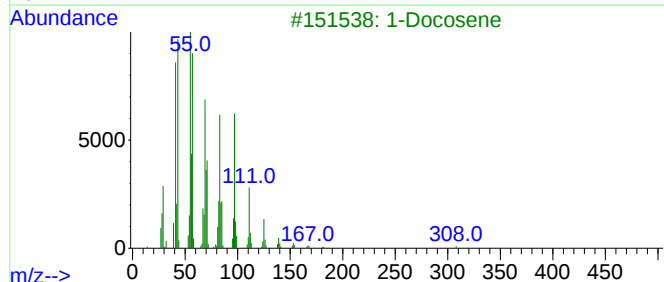
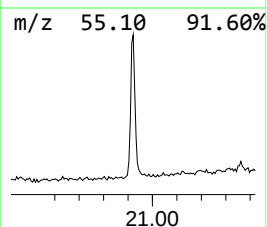
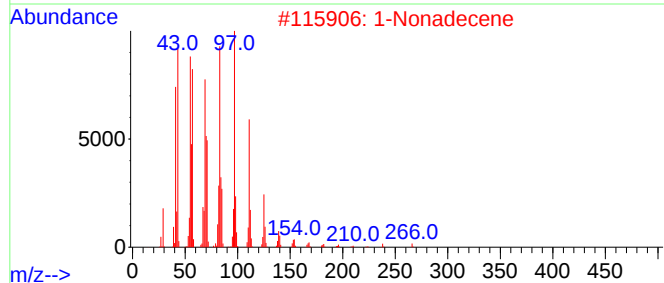
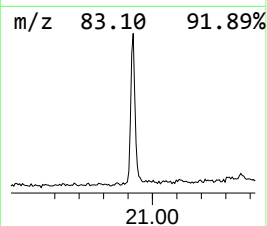
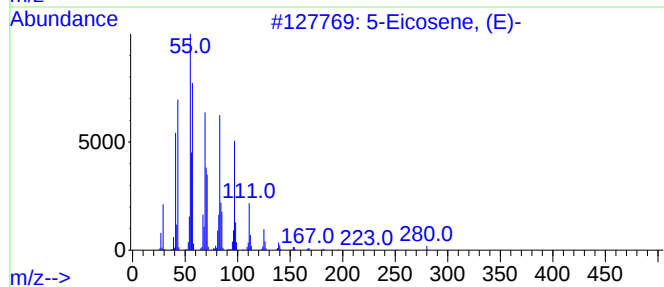
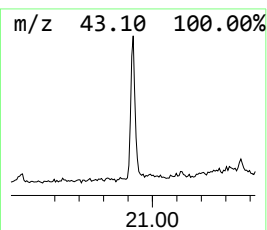
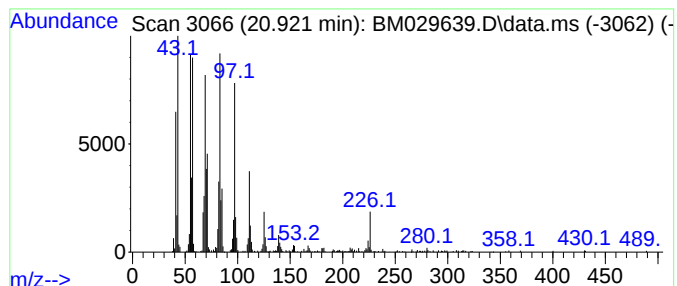
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Peak Number 2 5-Eicosene, (E)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.921	6.62 ng	451788	Chrysene-d12	21.197

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			5-Eicosene, (E)-	280	C20H40	074685-30-6	99
2			1-Nonadecene	266	C19H38	018435-45-5	98
3			1-Docosene	308	C22H44	001599-67-3	95
4			9-Tricosene, (Z)-	322	C23H46	027519-02-4	94
5			n-Tetracosanol-1	354	C24H50O	000506-51-4	94



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic ...	17.921	4.6	ng	221051	4	17.015	958588	20.0
5-Eicosene, (E)-	20.921	6.6	ng	451788	5	21.197	1365930	20.0