

Data Path : V:\HPCHEM1\BNA M\DATA\BM070916\
 Data File : BM006394.D
 Acq On : 10 Jul 2016 01:06
 Operator : UM/SJ
 Sample : H3914-19
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4TT0

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 1 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM070216.M
 Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.810	711	718	730	rBV	198553	312812	6.25%	0.700%
2	6.969	739	745	757	rBV	529553	851011	17.01%	1.903%
3	7.163	771	778	789	rBV	618780	1032252	20.63%	2.309%
4	7.628	849	857	867	rBV	652162	1083333	21.65%	2.423%
5	8.339	972	978	991	rVB	509497	842068	16.83%	1.883%
6	8.786	1046	1054	1069	rBV	741894	1268648	25.36%	2.838%
7	9.504	1168	1176	1192	rBV	634355	1125379	22.49%	2.517%
8	10.039	1260	1267	1285	rBV	797446	1466244	29.31%	3.280%
9	10.410	1322	1330	1343	rBV	860915	1506286	30.11%	3.369%
10	13.692	1882	1888	1905	rBV	1489332	2294940	45.87%	5.133%
11	13.974	1929	1936	1951	rBV	1670853	2618793	52.34%	5.858%
12	14.280	1982	1988	2000	rVB2	1155192	1905702	38.09%	4.263%
13	14.504	2018	2026	2041	rBV	207356	385863	7.71%	0.863%
14	15.280	2151	2158	2172	rVB	2193629	3330558	66.57%	7.450%
15	15.410	2174	2180	2194	rVV	1015832	1466025	29.30%	3.279%
16	16.451	2352	2357	2367	rBV	152400	232906	4.66%	0.521%
17	17.033	2449	2456	2466	rBV2	1534492	2255170	45.08%	5.044%
18	17.133	2466	2473	2483	rVV2	2740031	4133765	82.63%	9.246%
19	17.945	2603	2611	2619	rBV	483067	716247	14.32%	1.602%
20	19.433	2858	2864	2874	rBV	3211755	4766353	95.27%	10.661%
21	21.233	3164	3170	3178	rBV	2068207	2813929	56.25%	6.294%
22	22.268	3343	3346	3354	rVB2	50790	63340	1.27%	0.142%
23	22.762	3427	3430	3437	rVB	64622	88742	1.77%	0.198%
24	23.297	3513	3521	3533	rBV2	2454404	5002984	100.00%	11.190%
25	23.438	3538	3545	3555	rVB	1449903	2796907	55.90%	6.256%
26	23.944	3627	3631	3640	rVB2	99102	186230	3.72%	0.417%
27	24.674	3750	3755	3761	rBV2	80619	161679	3.23%	0.362%

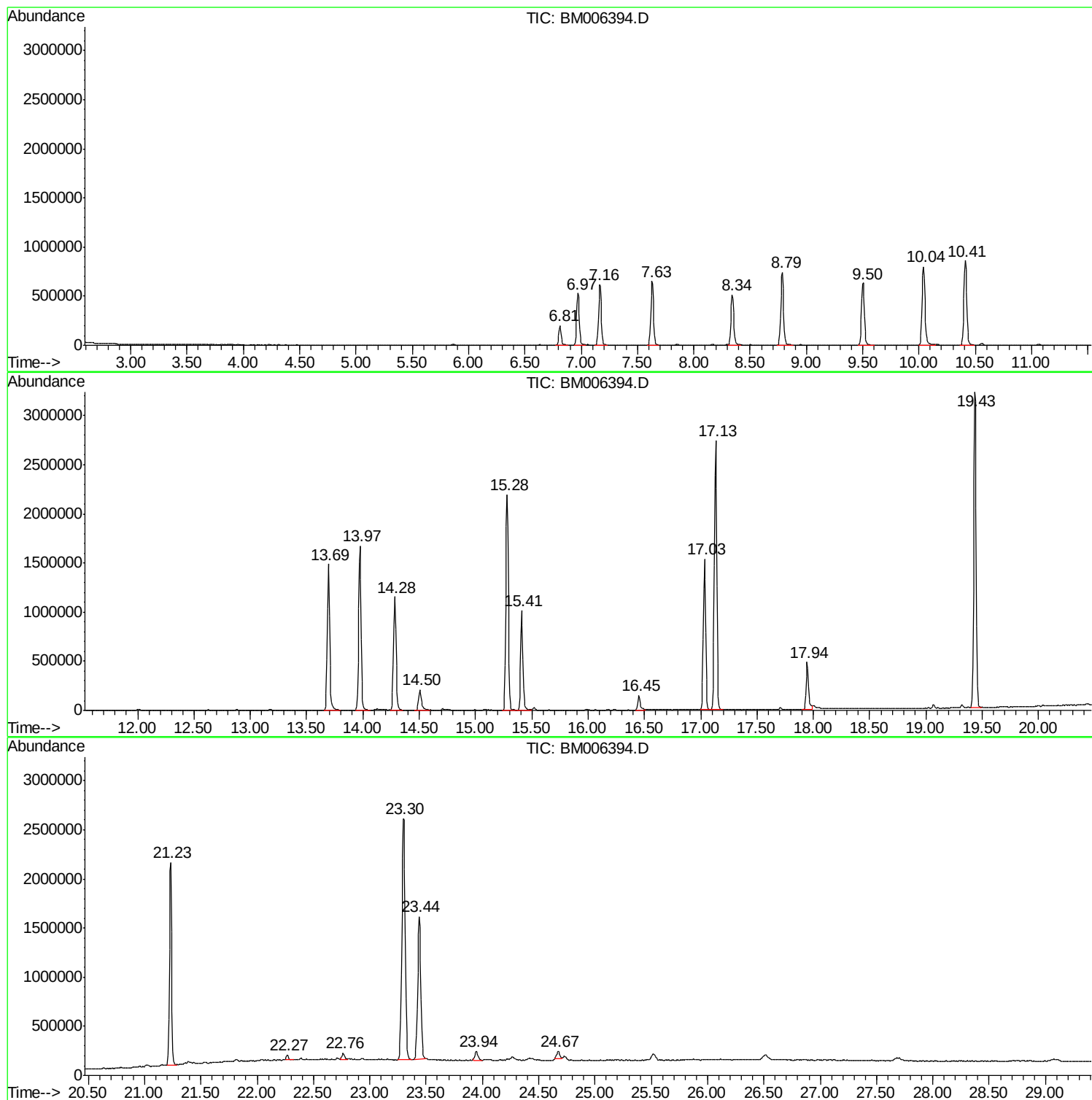
Sum of corrected areas: 44708166

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TIC Library : C:\DATABASE\NIST02.L
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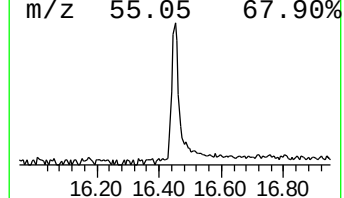
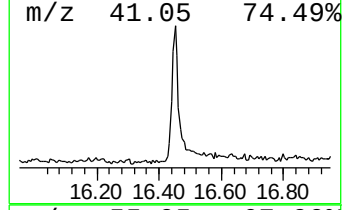
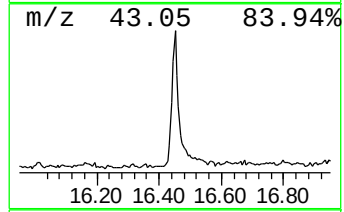
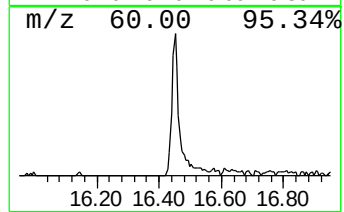
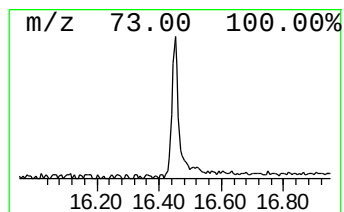
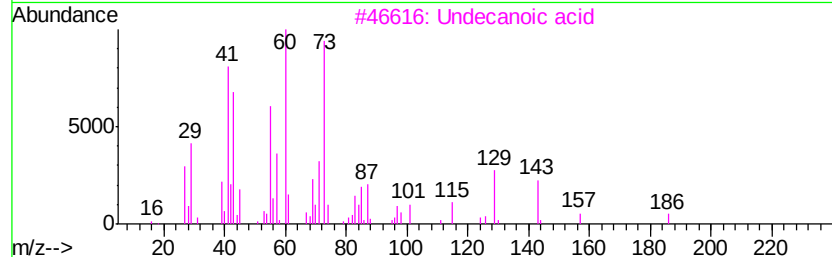
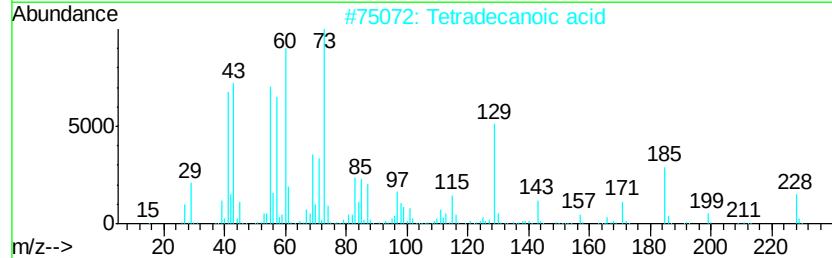
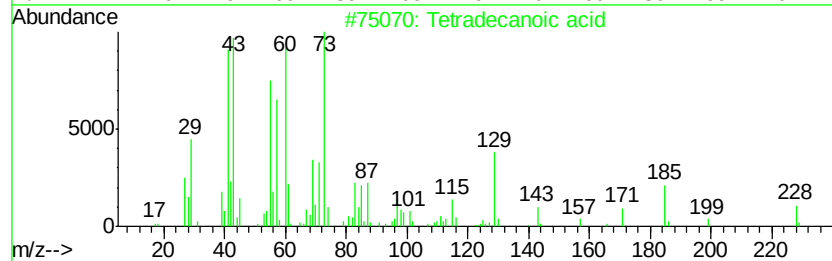
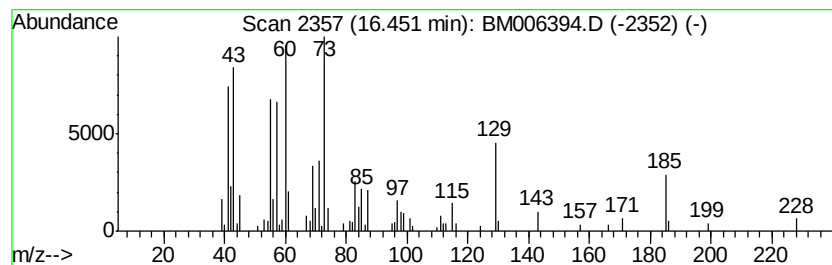
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Peak Number 1 Tetradecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
16.45	2.07 ng/ul	232906	Phenanthrene-d10		17.03	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecanoic acid	228	C14H28O2	000544-63-8	93
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	91
3		Undecanoic acid	186	C11H22O2	000112-37-8	89
4		Tridecanoic acid	214	C13H26O2	000638-53-9	72
5		Undecanoic acid	186	C11H22O2	000112-37-8	62



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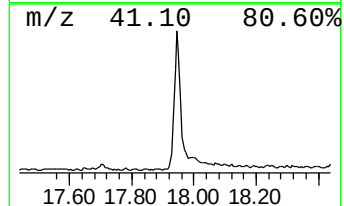
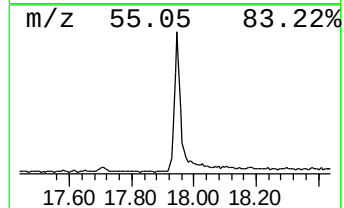
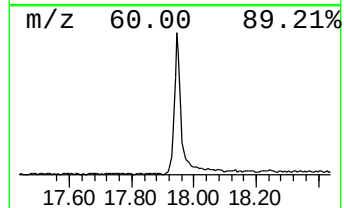
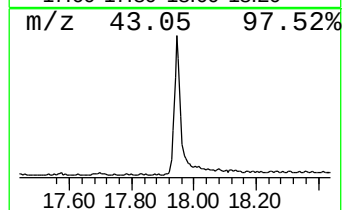
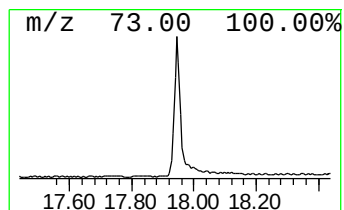
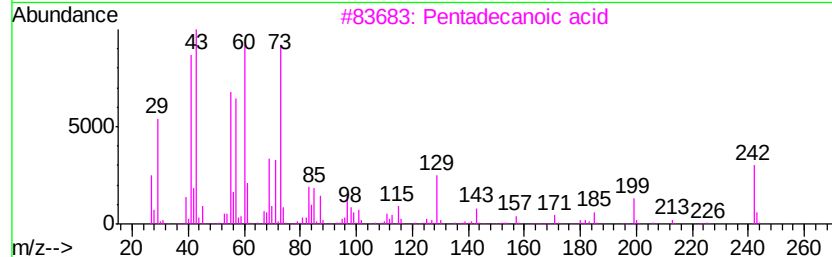
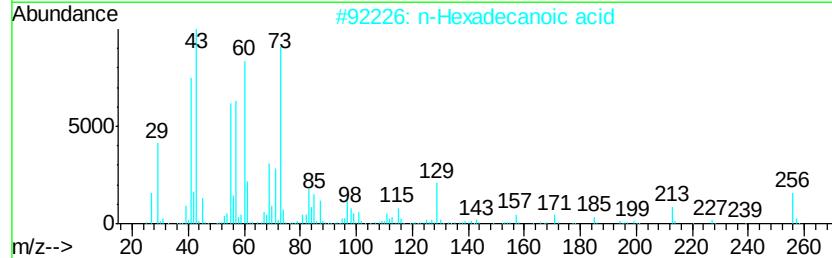
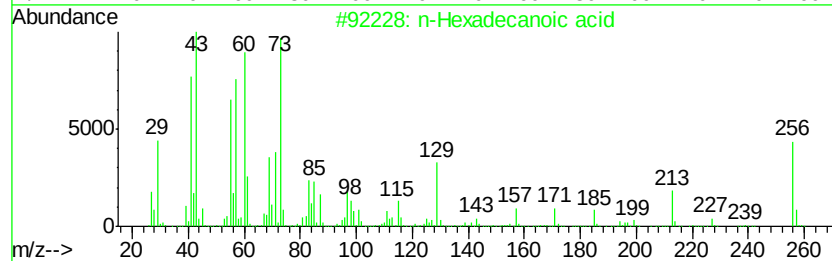
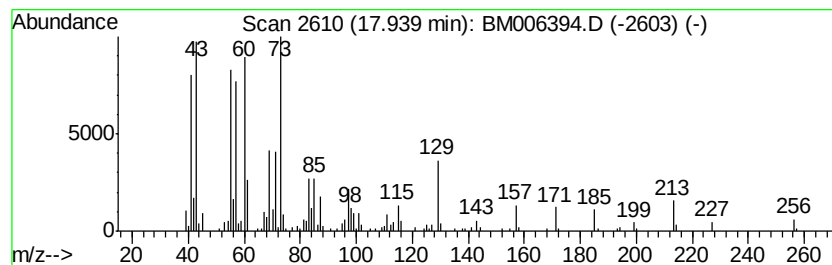
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.94	6.35 ng/ul	716247	Phenanthrene-d10	17.03

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94	
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	80	
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	72	
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72	
5	n-Decanoic acid	172	C10H20O2	000334-48-5	70	



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Tetradecanoic acid	16.45	2.1	ng/ul	232906	4	17.03	2255170	20.0
n-Hexadecanoic acid	17.94	6.3	ng/ul	716247	4	17.03	2255170	20.0