

Data Path : V:\HPCHEM1\BNA M\DATA\BM070916\
 Data File : BM006391.D
 Acq On : 09 Jul 2016 23:17
 Operator : UM/SJ
 Sample : H3914-15
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4TS5

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	710	718	734	rVB	237664	375624	8.01%	0.845%
2	6.969	739	745	756	rBV	595577	952830	20.32%	2.144%
3	7.169	771	779	793	rBV	688383	1169545	24.94%	2.632%
4	7.628	849	857	867	rBV	564110	944694	20.14%	2.126%
5	8.339	972	978	991	rVB	576716	938539	20.01%	2.112%
6	8.786	1045	1054	1068	rBV	825862	1421783	30.32%	3.199%
7	9.504	1169	1176	1190	rBV	703788	1251139	26.68%	2.815%
8	10.039	1260	1267	1284	rBV	903878	1643665	35.05%	3.699%
9	10.410	1322	1330	1343	rBV	703336	1281674	27.33%	2.884%
10	13.698	1882	1889	1911	rVB	1615235	2550513	54.39%	5.739%
11	13.974	1929	1936	1946	rBV	1841962	2913343	62.12%	6.556%
12	14.280	1982	1988	1999	rVB2	1006349	1638007	34.93%	3.686%
13	14.504	2019	2026	2040	rBV2	194719	377206	8.04%	0.849%
14	15.280	2151	2158	2172	rBV	2357553	3602935	76.83%	8.107%
15	15.409	2174	2180	2194	rBV	965522	1355808	28.91%	3.051%
16	16.451	2351	2357	2372	rBV	215717	347648	7.41%	0.782%
17	17.033	2449	2456	2466	rVB	1335380	1981432	42.25%	4.459%
18	17.133	2466	2473	2483	rBV2	2578468	3882489	82.79%	8.736%
19	17.945	2605	2611	2619	rBV	777033	1141680	24.34%	2.569%
20	19.068	2798	2802	2810	rVB	35721	49214	1.05%	0.111%
21	19.433	2858	2864	2871	rBV	2991729	4471197	95.34%	10.061%
22	21.233	3164	3170	3180	rBV	1927852	2493323	53.17%	5.610%
23	22.268	3343	3346	3350	rBV3	38370	54219	1.16%	0.122%
24	22.768	3427	3431	3437	rVB3	58444	87851	1.87%	0.198%
25	23.303	3514	3522	3531	rBV2	2367224	4689733	100.00%	10.553%
26	23.438	3538	3545	3556	rVB	1289346	2474492	52.76%	5.568%
27	23.944	3628	3631	3637	rVB2	84366	151576	3.23%	0.341%
28	24.674	3750	3755	3764	rVB	88354	198179	4.23%	0.446%

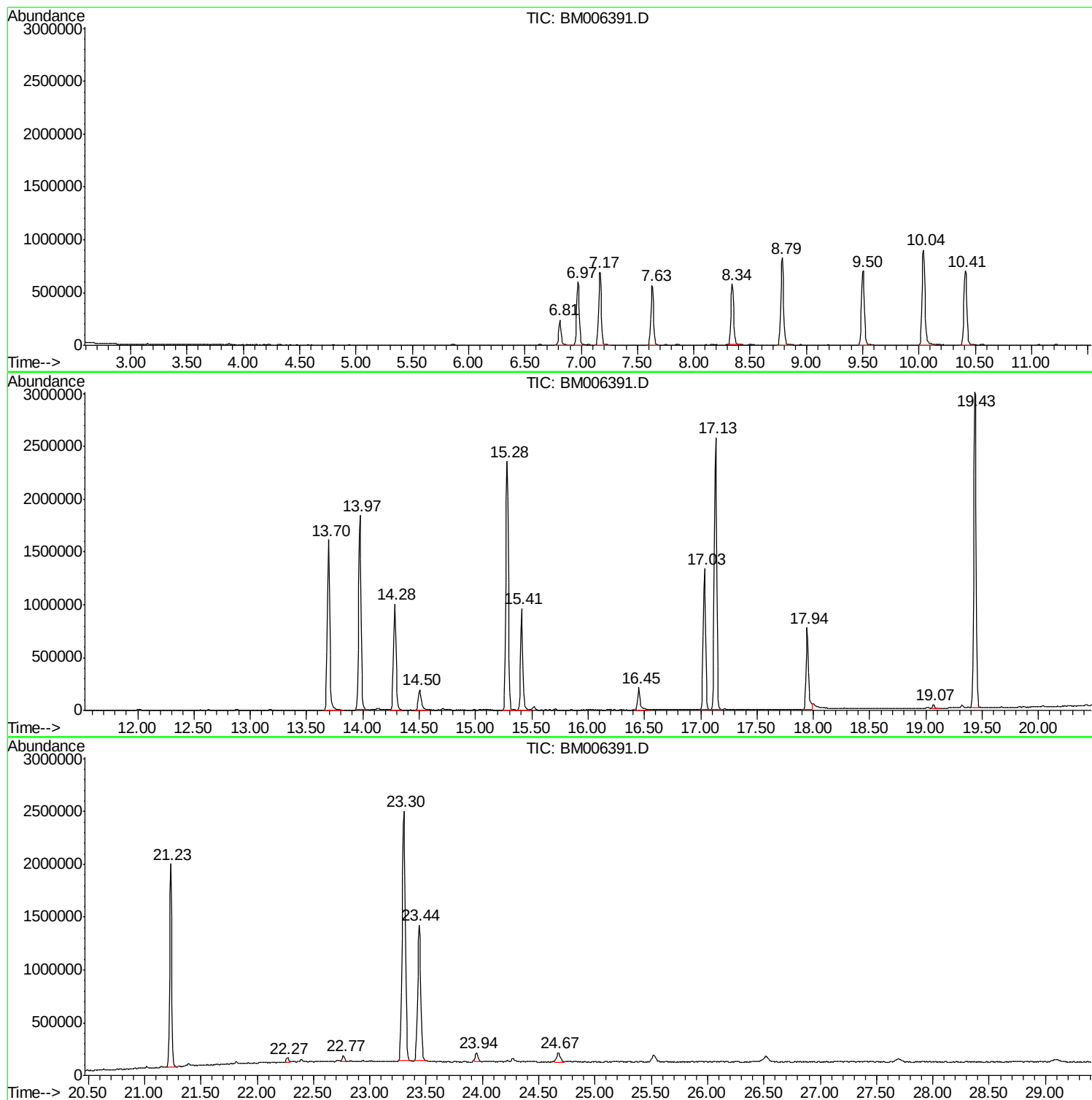
Sum of corrected areas: 44440338

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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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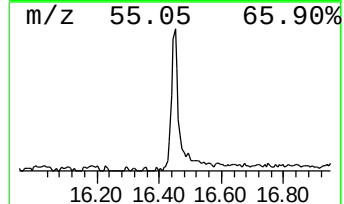
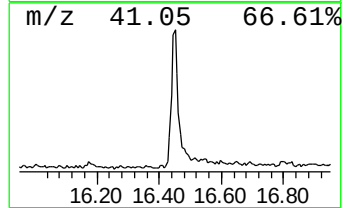
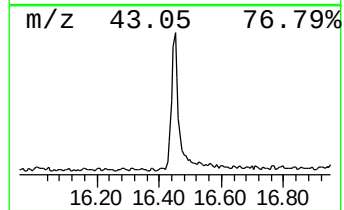
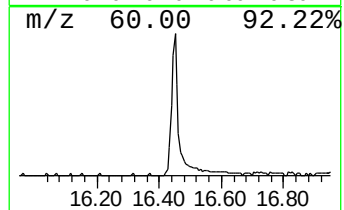
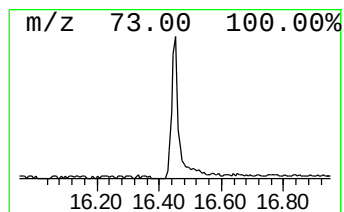
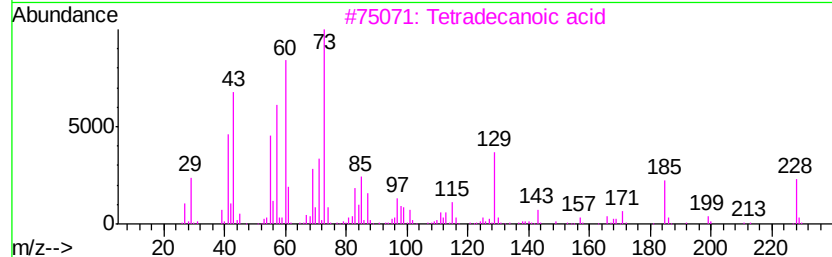
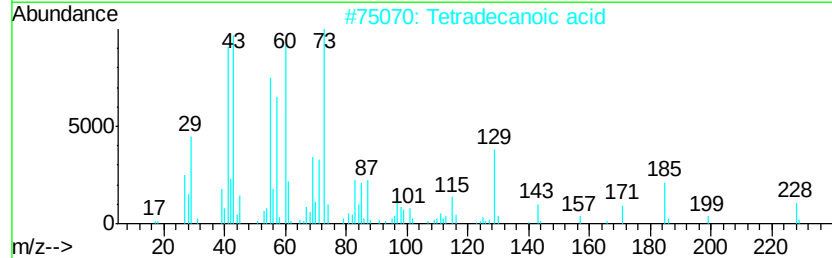
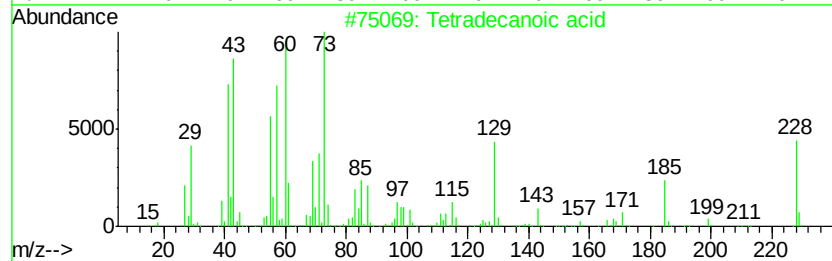
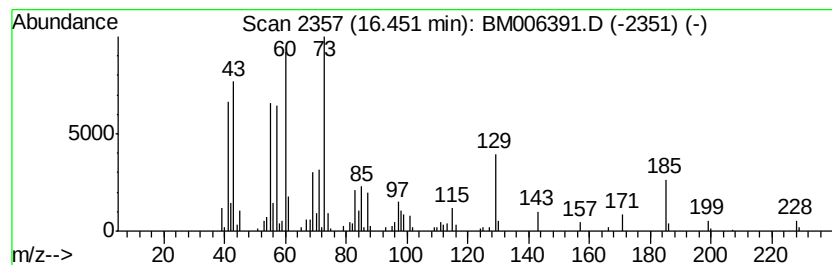
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Peak Number 1 Tetradecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.45	3.51 ng/ul	347648	Phenanthrene-d10	17.03	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	97
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	97
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
5	Tridecanoic acid	214	C13H26O2	000638-53-9	86



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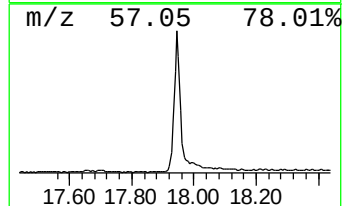
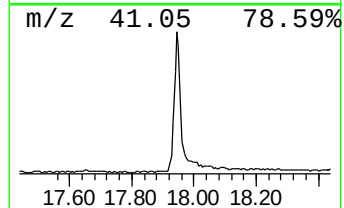
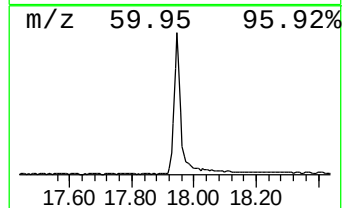
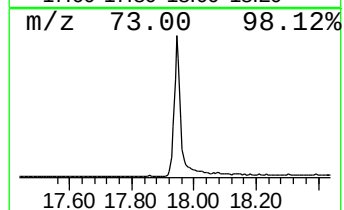
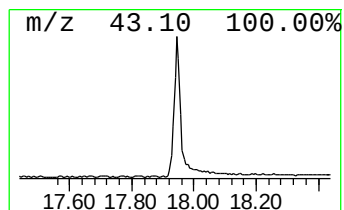
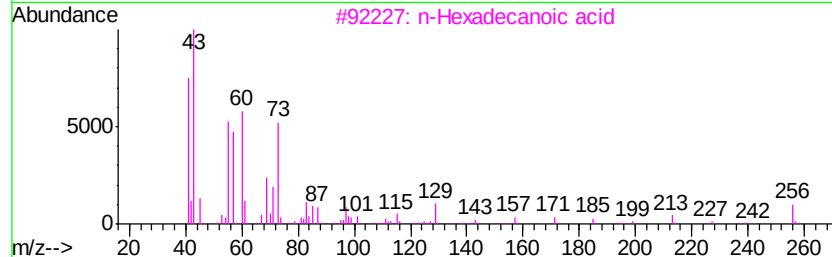
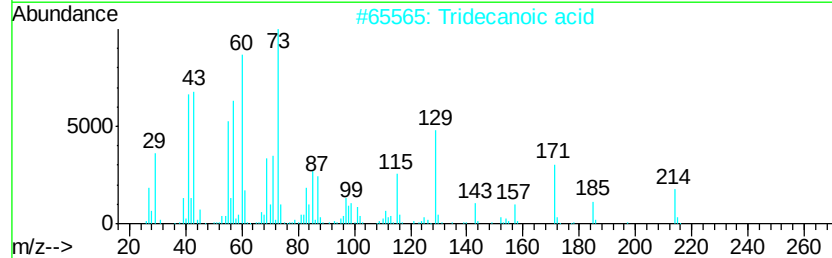
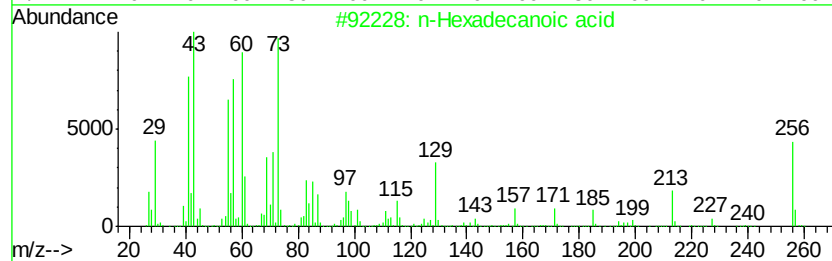
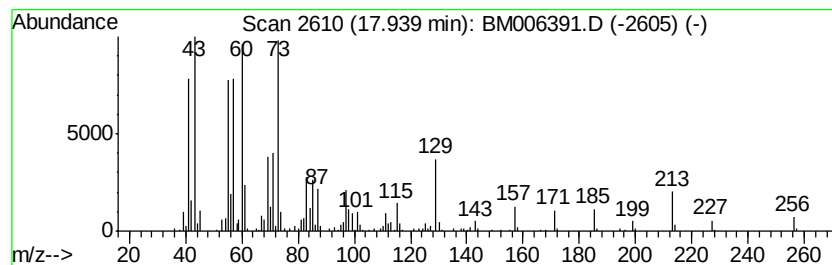
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.
17.94	11.52 ng/ul	1141680	Phenanthrene-d10		17.03
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	95
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
5	Tridecanoic acid	214	C13H26O2	000638-53-9	87



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Tetradecanoic acid	16.45	3.5	ng/ul	347648	4	17.03	1981430	20.0
n-Hexadecanoic acid	17.94	11.5	ng/ul	1141680	4	17.03	1981430	20.0