

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042817\
 Data File : BM009799.D
 Acq On : 29 Apr 2017 02:27
 Operator : SJ/MA
 Sample : I2845-15
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JHSX2

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\SOM-EPA-BM042517.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	3.305	33	37	45	rVB	42414	61841	1.56%	0.126%
2	4.028	155	160	166	rBV	240656	346970	8.74%	0.704%
3	6.993	656	664	674	rBV	980767	1592516	40.12%	3.232%
4	7.157	684	692	701	rBV	712016	1082015	27.26%	2.196%
5	7.357	718	726	733	rBV	914790	1471599	37.08%	2.987%
6	7.822	798	805	811	rBV	811577	1298498	32.71%	2.636%
7	7.875	811	814	821	rVB3	45634	70154	1.77%	0.142%
8	8.528	918	925	934	rBV	1116580	1815189	45.73%	3.684%
9	8.987	995	1003	1015	rBV	876956	1516038	38.20%	3.077%
10	9.092	1015	1021	1026	rBV3	26231	48962	1.23%	0.099%
11	9.710	1117	1126	1137	rBV	730358	1283797	32.34%	2.606%
12	10.239	1208	1216	1230	rBV	1077876	1878655	47.33%	3.813%
13	10.622	1274	1281	1287	rVB	1095366	1837555	46.30%	3.730%
14	10.763	1298	1305	1316	rBV	920579	1616937	40.74%	3.282%
15	13.874	1828	1834	1839	rBV	1764644	2496173	62.89%	5.067%
16	13.922	1839	1842	1847	rVB	359498	471245	11.87%	0.956%
17	14.163	1876	1883	1890	rVB	2117795	2988811	75.30%	6.066%
18	14.339	1908	1913	1917	rBV2	48946	62081	1.56%	0.126%
19	14.469	1929	1935	1944	rVB2	1580690	2362551	59.52%	4.795%
20	14.686	1965	1972	1986	rBV	853290	1375749	34.66%	2.792%
21	14.869	2001	2003	2014	rVB8	25375	51735	1.30%	0.105%
22	15.292	2070	2075	2081	rBV	113441	133877	3.37%	0.272%
23	15.463	2097	2104	2111	rBV	2623003	3767869	94.93%	7.648%
24	15.598	2121	2127	2135	rBV	342273	486795	12.26%	0.988%
25	15.698	2135	2144	2148	rVV4	58837	106188	2.68%	0.216%
26	16.157	2217	2222	2230	rBV	117400	215790	5.44%	0.438%
27	16.604	2294	2298	2303	rBV6	27762	39866	1.00%	0.081%
28	16.951	2353	2357	2360	rVB	61956	71200	1.79%	0.145%
29	17.004	2360	2366	2370	rBV8	31337	49101	1.24%	0.100%
30	17.221	2397	2403	2409	rBV	1888045	2686147	67.68%	5.452%
31	17.321	2413	2420	2426	rBV	2779837	3969138	100.00%	8.056%
32	17.492	2444	2449	2455	rBV7	47541	93256	2.35%	0.189%
33	17.821	2501	2505	2510	rVB4	52412	75961	1.91%	0.154%
34	18.092	2547	2551	2559	rBV2	288942	452140	11.39%	0.918%

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35	18.521	2620	2624	2629	rbV8	32622	60434	1.52%	0.123%
36	19.368	2766	2768	2775	rbV8	64982	101199	2.55%	0.205%
37	19.615	2804	2810	2817	rbV	2817233	3804044	95.84%	7.721%
38	21.086	3057	3060	3065	rbV3	298625	382608	9.64%	0.777%
39	21.398	3109	3113	3119	rbV	1681297	2144567	54.03%	4.353%
40	23.568	3477	3482	3492	rbV2	1546149	2891629	72.85%	5.869%
41	23.715	3502	3507	3513	rbV2	1071510	2006978	50.56%	4.074%

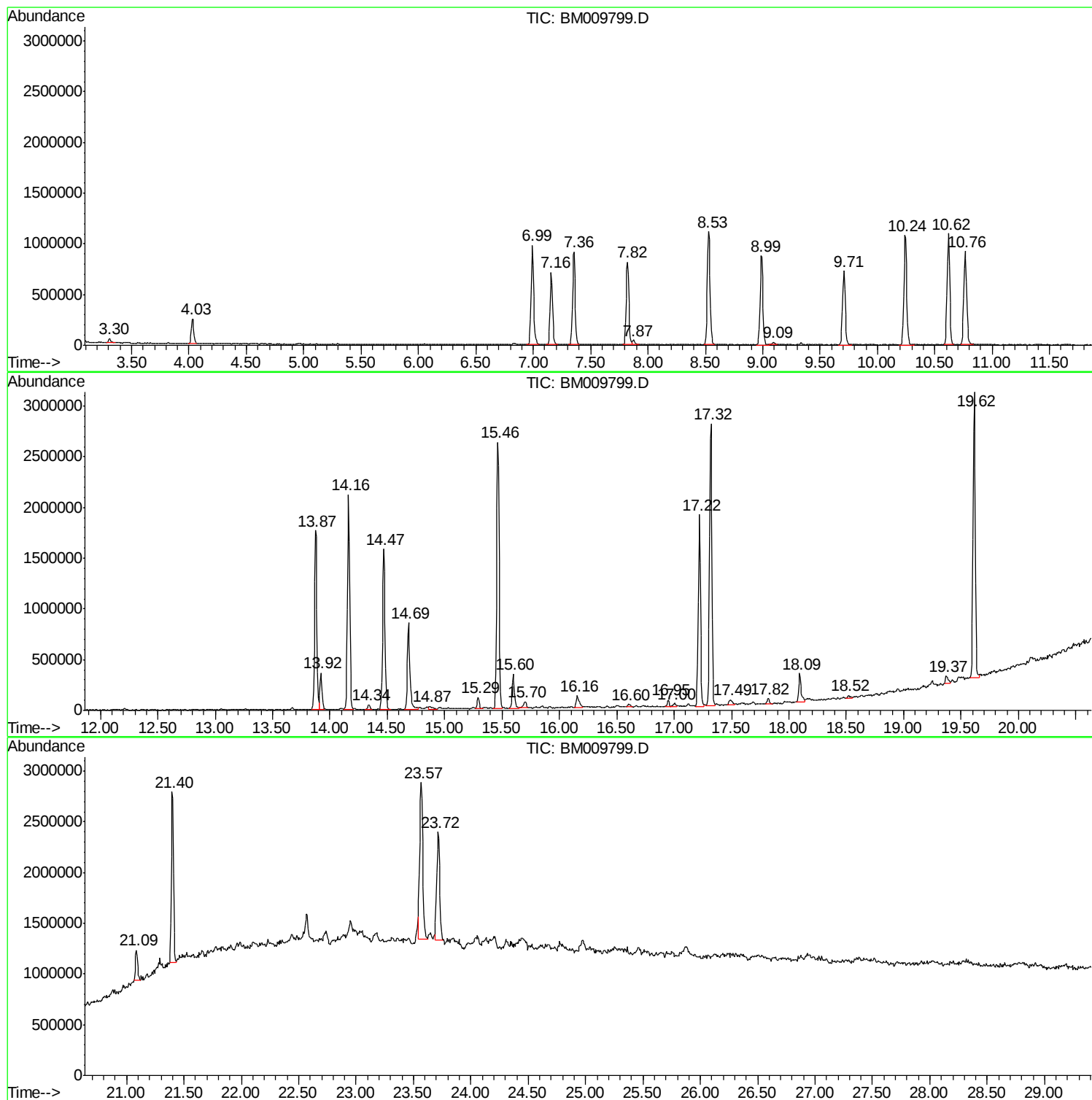
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BNA_M
ClientSampled :
JHSX2

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

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



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Instrument :
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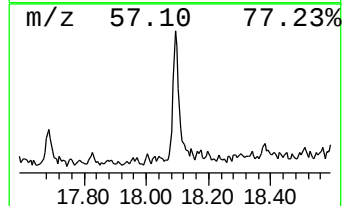
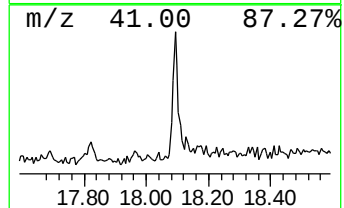
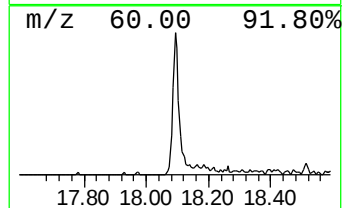
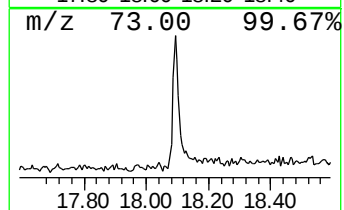
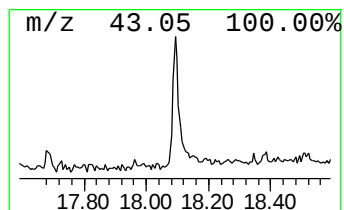
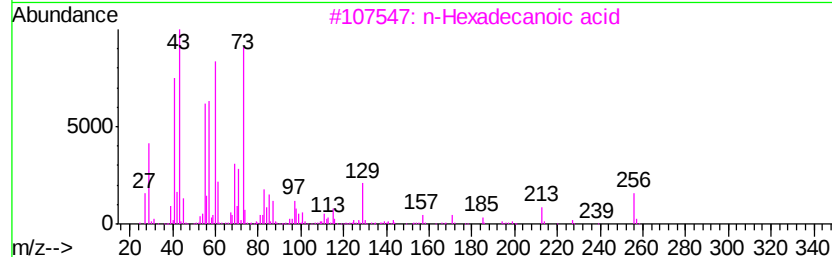
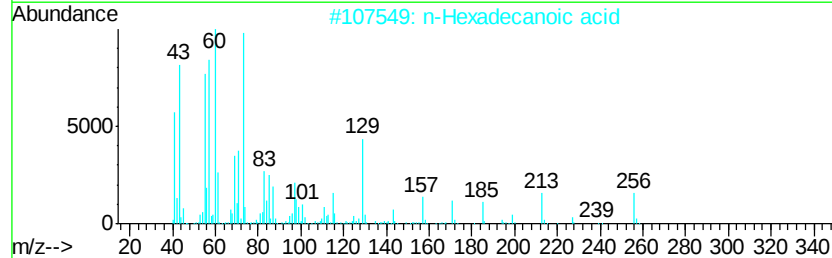
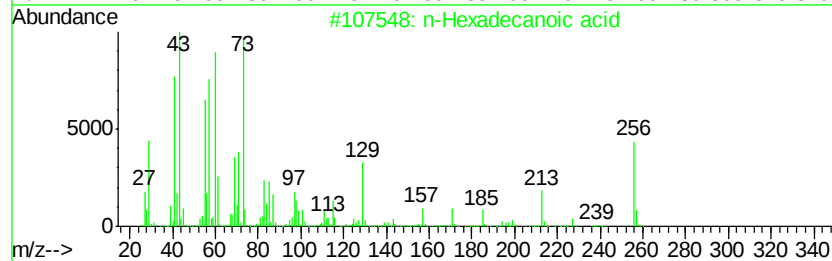
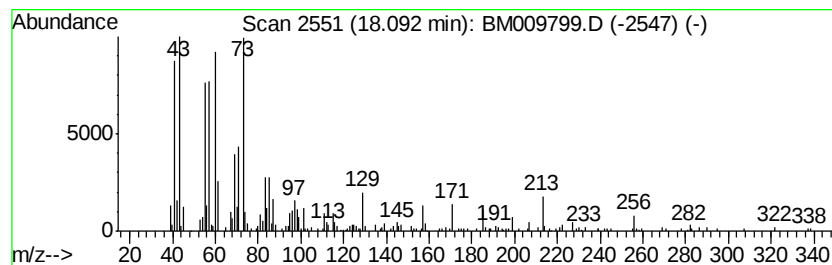
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.09	3.37 ng/ul	452140	Phenanthrene-d10	17.22

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	74
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	74
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5			Isopropyl palmitate	298	C19H38O2	000142-91-6	72



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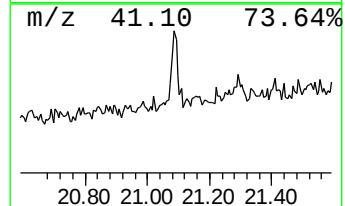
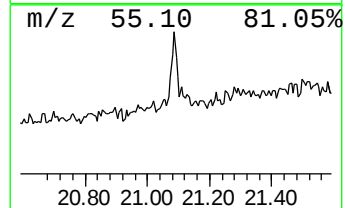
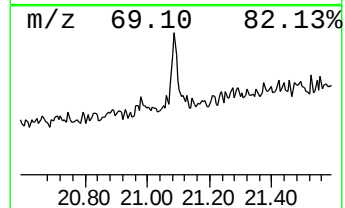
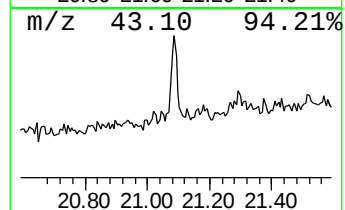
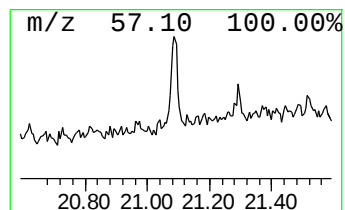
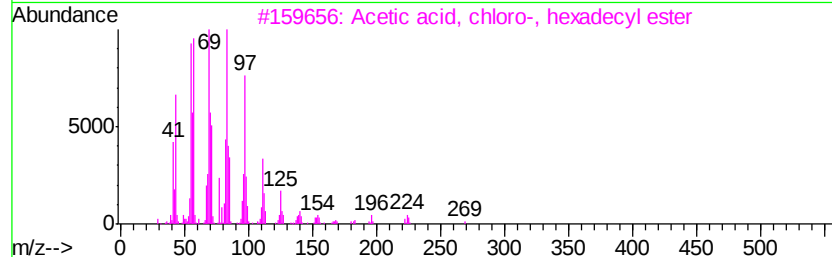
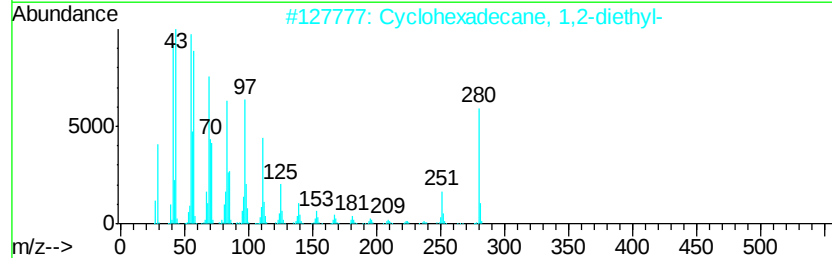
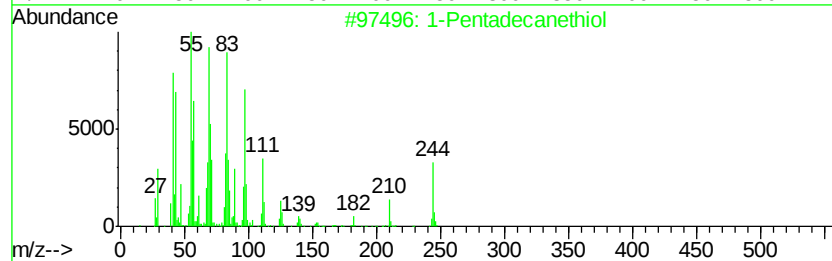
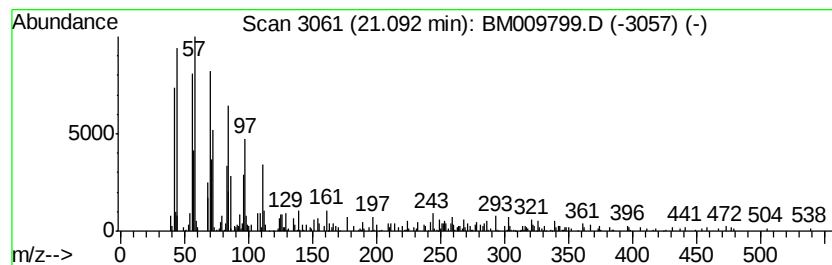
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Peak Number 3 1-Pentadecanethiol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.09	3.57 ng/ul	382608	Chrysene-d12	21.40
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Pentadecanethiol	244 C15H32S	025276-70-4	93
2	Cyclohexadecane, 1,2-diethyl-	280 C20H40	1000155-85-3	93
3	Acetic acid, chloro-, hexadecyl ...	318 C18H35ClO2	052132-58-8	91
4	3-Octadecene, (E)-	252 C18H36	007206-19-1	90
5	9-Octadecene, (E)-	252 C18H36	007206-25-9	90



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.09	3.4	ng/ul	452140	4	17.22	2686150	20.0
1-Pentadecanethiol	21.09	3.6	ng/ul	382608	5	21.40	2144570	20.0