

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042817\
 Data File : BM009782.D
 Acq On : 28 Apr 2017 16:15
 Operator : SJ/MA
 Sample : I2845-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JHSR1

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	32	37	41	rBV2	25771	37108	1.09%	0.103%
2	6.981	656	662	672	rBV	489003	823156	24.27%	2.295%
3	7.157	685	692	701	rBV	362135	576861	17.01%	1.608%
4	7.351	719	725	732	rBV	468612	746960	22.03%	2.083%
5	7.816	799	804	811	rBV	443895	724902	21.38%	2.021%
6	8.522	916	924	933	rBV	610559	965912	28.48%	2.693%
7	8.987	996	1003	1010	rBV	502044	818557	24.14%	2.282%
8	9.704	1116	1125	1134	rBV2	416354	686182	20.23%	1.913%
9	10.234	1207	1215	1225	rBV	580458	1006221	29.67%	2.805%
10	10.616	1272	1280	1288	rBV	671278	1109421	32.71%	3.093%
11	10.763	1297	1305	1324	rVB	554700	975210	28.76%	2.719%
12	13.874	1827	1834	1838	rBV	1185336	1604692	47.32%	4.474%
13	13.922	1838	1842	1848	rVB	204157	282005	8.32%	0.786%
14	14.157	1876	1882	1892	rVB	1252609	1773576	52.30%	4.945%
15	14.339	1908	1913	1918	rVB3	26852	35248	1.04%	0.098%
16	14.469	1928	1935	1944	rVB2	1005597	1592975	46.97%	4.441%
17	14.674	1964	1970	1985	rBV	610983	989736	29.18%	2.759%
18	15.292	2070	2075	2079	rVB	55189	72256	2.13%	0.201%
19	15.463	2097	2104	2113	rBV	1639281	2381210	70.22%	6.639%
20	15.586	2119	2125	2135	rBV	561140	832376	24.54%	2.321%
21	15.698	2135	2144	2148	rVV4	36444	68283	2.01%	0.190%
22	16.157	2217	2222	2225	rBV2	68400	101241	2.99%	0.282%
23	16.951	2351	2357	2362	rBV4	34168	48714	1.44%	0.136%
24	17.215	2395	2402	2408	rBV	1491606	2031822	59.91%	5.665%
25	17.315	2412	2419	2425	rBV2	1974721	2796007	82.45%	7.795%
26	18.086	2546	2550	2555	rBV	151277	219411	6.47%	0.612%
27	19.245	2741	2747	2752	rBV5	36650	79028	2.33%	0.220%
28	19.368	2764	2768	2774	rBV5	62008	95213	2.81%	0.265%
29	19.609	2803	2809	2816	rBV	2592454	3391251	100.00%	9.455%
30	21.086	3055	3060	3067	rBV2	238142	364975	10.76%	1.018%
31	21.398	3108	3113	3118	rBV	2256583	2767238	81.60%	7.715%
32	23.562	3473	3481	3490	rVB2	1701929	3384363	99.80%	9.436%
33	23.709	3499	3506	3514	rVB2	1254930	2485165	73.28%	6.929%

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Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % 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

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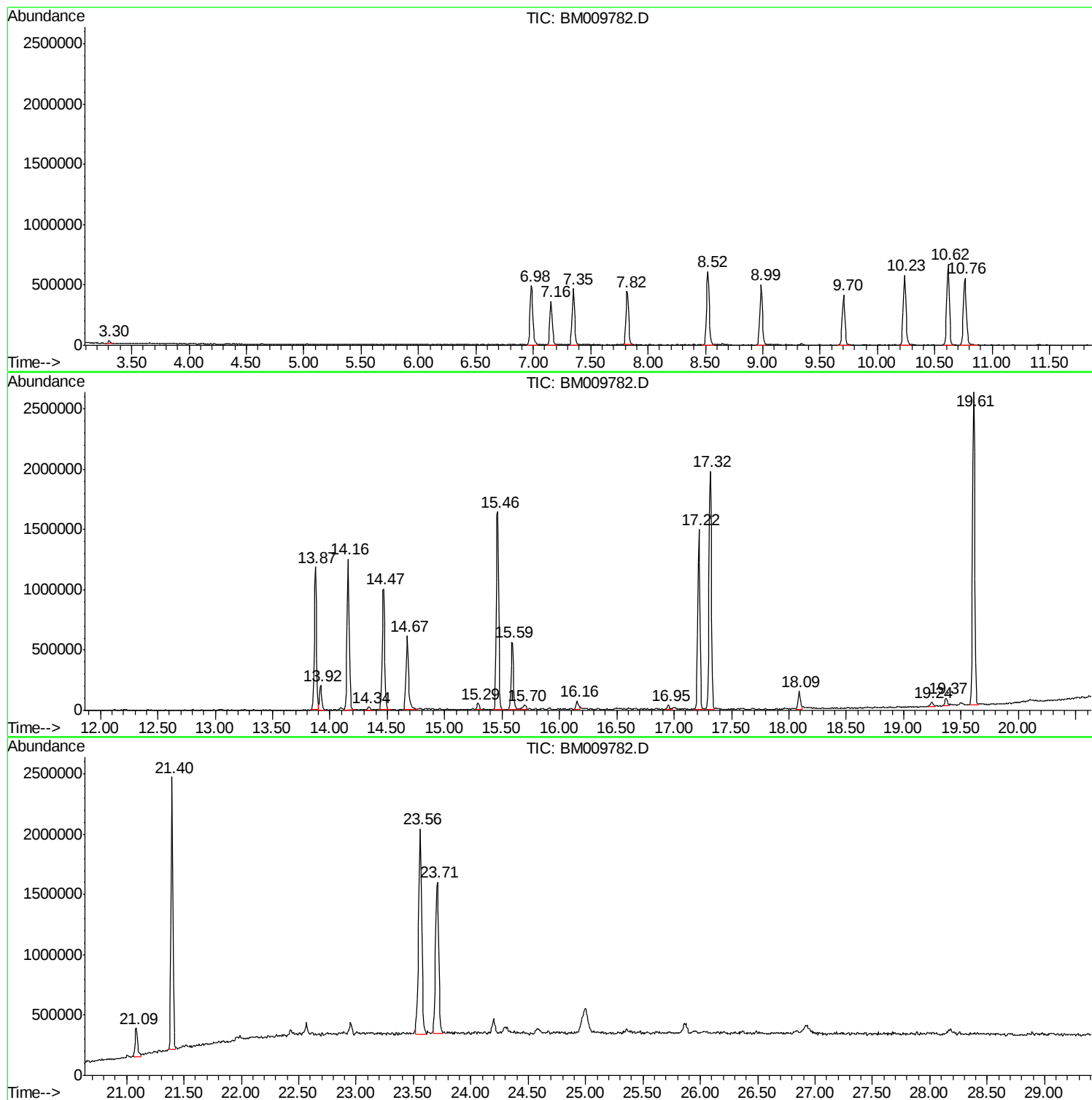
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

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



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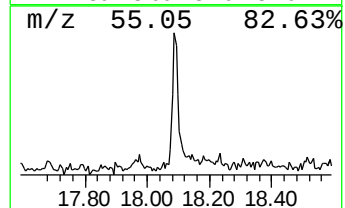
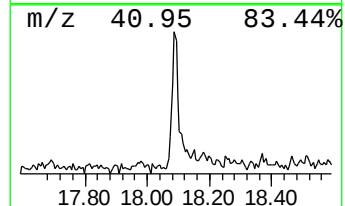
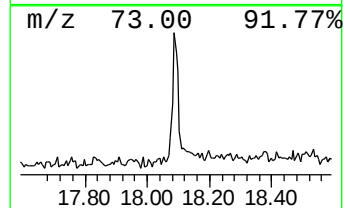
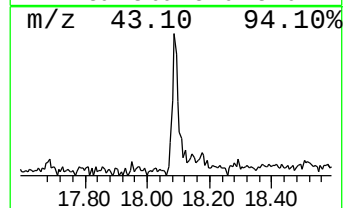
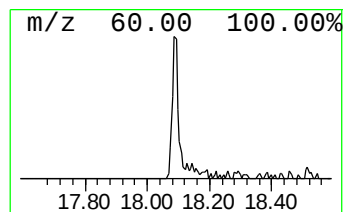
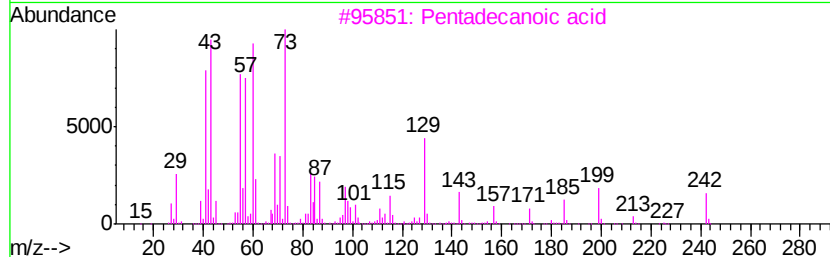
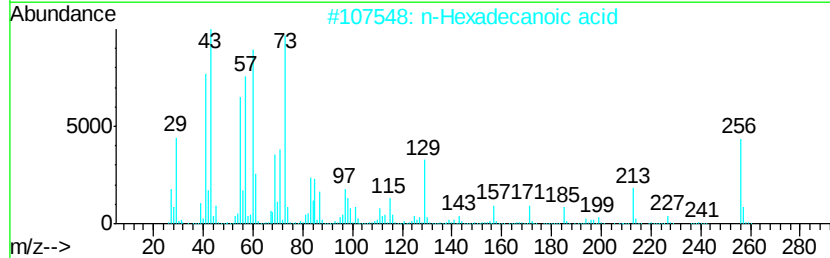
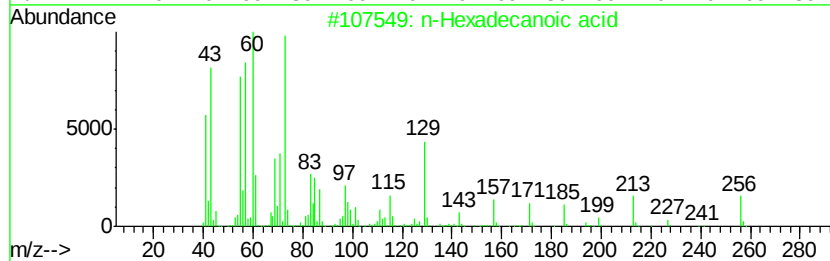
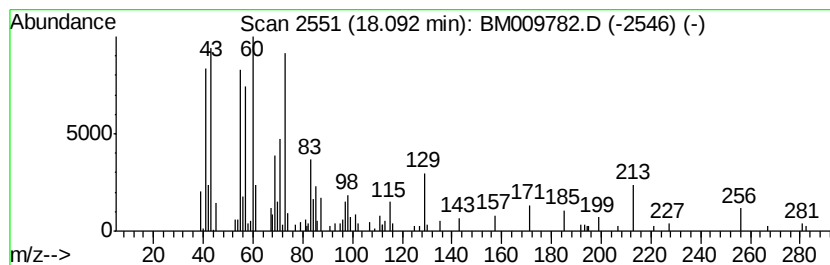
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Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.09	2.16 ng/ul	219411	Phenanthrene-d10	17.22		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91	
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90	
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	83	
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	80	
5	Tridecanoic acid	214	C13H26O2	000638-53-9	72	



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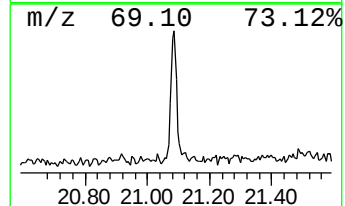
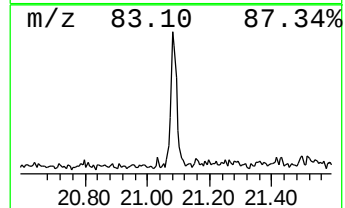
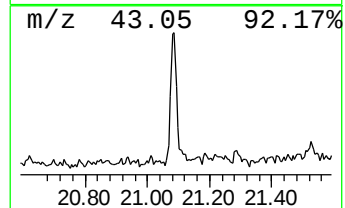
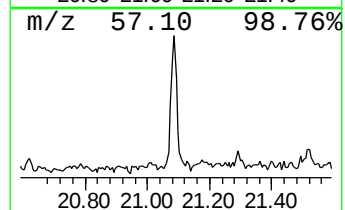
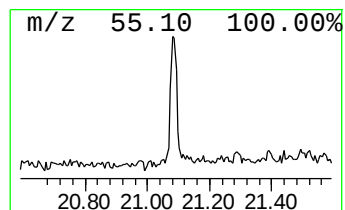
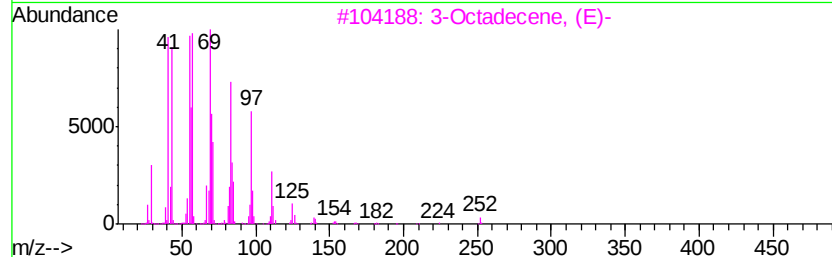
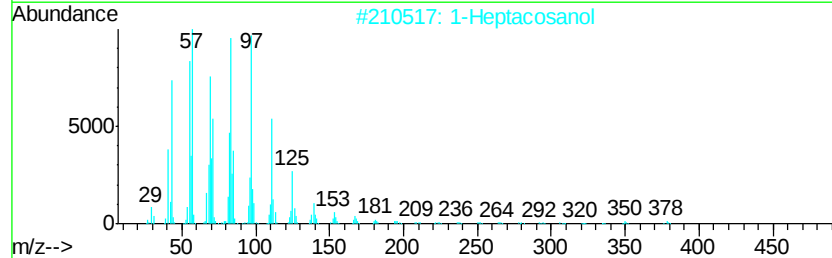
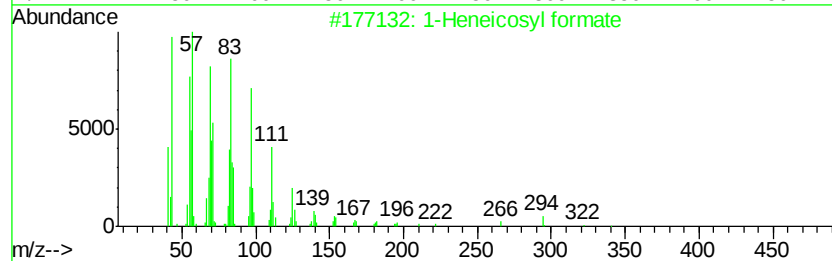
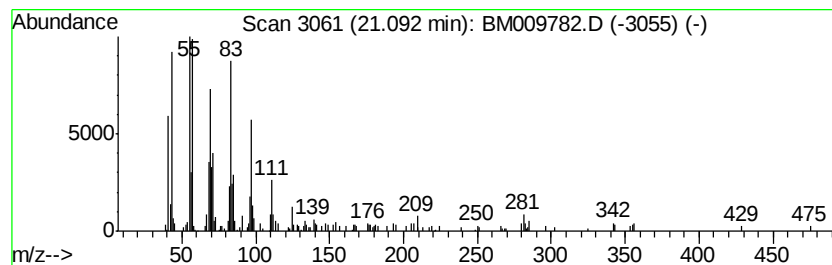
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Peak Number 2 1-Heneicosyl formate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.09	2.64 ng/ul	364975	Chrysene-d12	21.40
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Heneicosyl formate	340 C22H44O2	077899-03-7	91
2	1-Heptacosanol	396 C27H56O	002004-39-9	91
3	3-Octadecene, (E)-	252 C18H36	007206-19-1	91
4	1-Octadecene	252 C18H36	000112-88-9	90
5	n-Nonadecanol-1	284 C19H40O	001454-84-8	90



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.09	2.2	ng/ul	219411	4	17.22	2031820	20.0
1-Heneicosyl formate	21.09	2.6	ng/ul	364975	5	21.40	2767240	20.0