

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022818\
 Data File : BM014412.D
 Acq On : 28 Feb 2018 21:20
 Operator : SJ/JU
 Sample : J1678-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BE5T3

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-BM021418.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	4.675	282	287	289	rBV2	26986	43699	1.45%	0.147%
2	6.716	629	634	648	rBV	260954	586148	19.48%	1.978%
3	6.869	654	660	669	rBV	217881	373003	12.40%	1.259%
4	7.057	686	692	699	rBV	315334	551729	18.34%	1.862%
5	7.516	764	770	781	rBV	298629	511734	17.01%	1.727%
6	8.245	888	894	907	rBV2	295614	604697	20.10%	2.040%
7	8.675	961	967	982	rBV	343618	647018	21.51%	2.183%
8	9.392	1083	1089	1100	rBV	316022	602967	20.04%	2.035%
9	9.934	1173	1181	1201	rBV2	368554	804124	26.73%	2.713%
10	10.287	1234	1241	1249	rBV	472439	794903	26.42%	2.682%
11	10.451	1263	1269	1285	rBV	322695	745606	24.78%	2.516%
12	13.598	1798	1804	1809	rBV	1008624	1444715	48.02%	4.875%
13	13.645	1809	1812	1819	rVB	212049	320656	10.66%	1.082%
14	13.863	1843	1849	1860	rBV	1080689	1643212	54.62%	5.545%
15	14.074	1879	1885	1891	rBV3	32115	51185	1.70%	0.173%
16	14.174	1895	1902	1910	rBV2	837580	1236827	41.11%	4.173%
17	14.451	1941	1949	1960	rBV2	219367	611792	20.33%	2.064%
18	14.980	2035	2039	2044	rBV3	27459	37472	1.25%	0.126%
19	15.039	2044	2049	2054	rVB3	50792	69594	2.31%	0.235%
20	15.180	2065	2073	2081	rBV	1361733	2016151	67.01%	6.803%
21	15.339	2094	2100	2110	rBV2	391173	674402	22.42%	2.276%
22	15.904	2192	2196	2204	rBV2	52478	85112	2.83%	0.287%
23	16.486	2291	2295	2302	rBV6	30330	55553	1.85%	0.187%
24	16.698	2322	2331	2335	rBV2	47459	71069	2.36%	0.240%
25	16.939	2366	2372	2376	rBV	1072047	1571142	52.22%	5.301%
26	16.980	2376	2379	2382	rVV	54125	71137	2.36%	0.240%
27	17.039	2382	2389	2401	rVB2	1475182	2248540	74.74%	7.587%
28	17.333	2432	2439	2446	rBV10	41183	81368	2.70%	0.275%
29	17.439	2451	2457	2461	rBV2	32824	37440	1.24%	0.126%
30	17.845	2519	2526	2536	rBV4	156501	296128	9.84%	0.999%
31	18.127	2570	2574	2580	rVB8	22116	33130	1.10%	0.112%
32	18.715	2670	2674	2678	rBV5	31164	39161	1.30%	0.132%
33	18.904	2701	2706	2710	rBV8	13327	30207	1.00%	0.102%
34	19.009	2720	2724	2732	rVB	128253	204545	6.80%	0.690%

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35	19.133	2742	2745	2754	rBV	48097	90954	3.02%	0.307%
36	19.233	2759	2762	2768	rVB4	25952	36805	1.22%	0.124%
37	19.345	2775	2781	2790	rBV	2098607	2925771	97.25%	9.872%
38	20.292	2939	2942	2945	rBV5	23201	35288	1.17%	0.119%
39	20.868	3036	3040	3050	rVB3	242445	334131	11.11%	1.127%
40	21.151	3082	3088	3092	rBV	1588529	2033034	67.57%	6.860%
41	22.286	3279	3281	3288	rVB3	95548	114453	3.80%	0.386%
42	23.192	3429	3435	3447	rVB2	1611081	3008586	100.00%	10.152%
43	23.327	3452	3458	3466	rVB	1036979	1861222	61.86%	6.280%

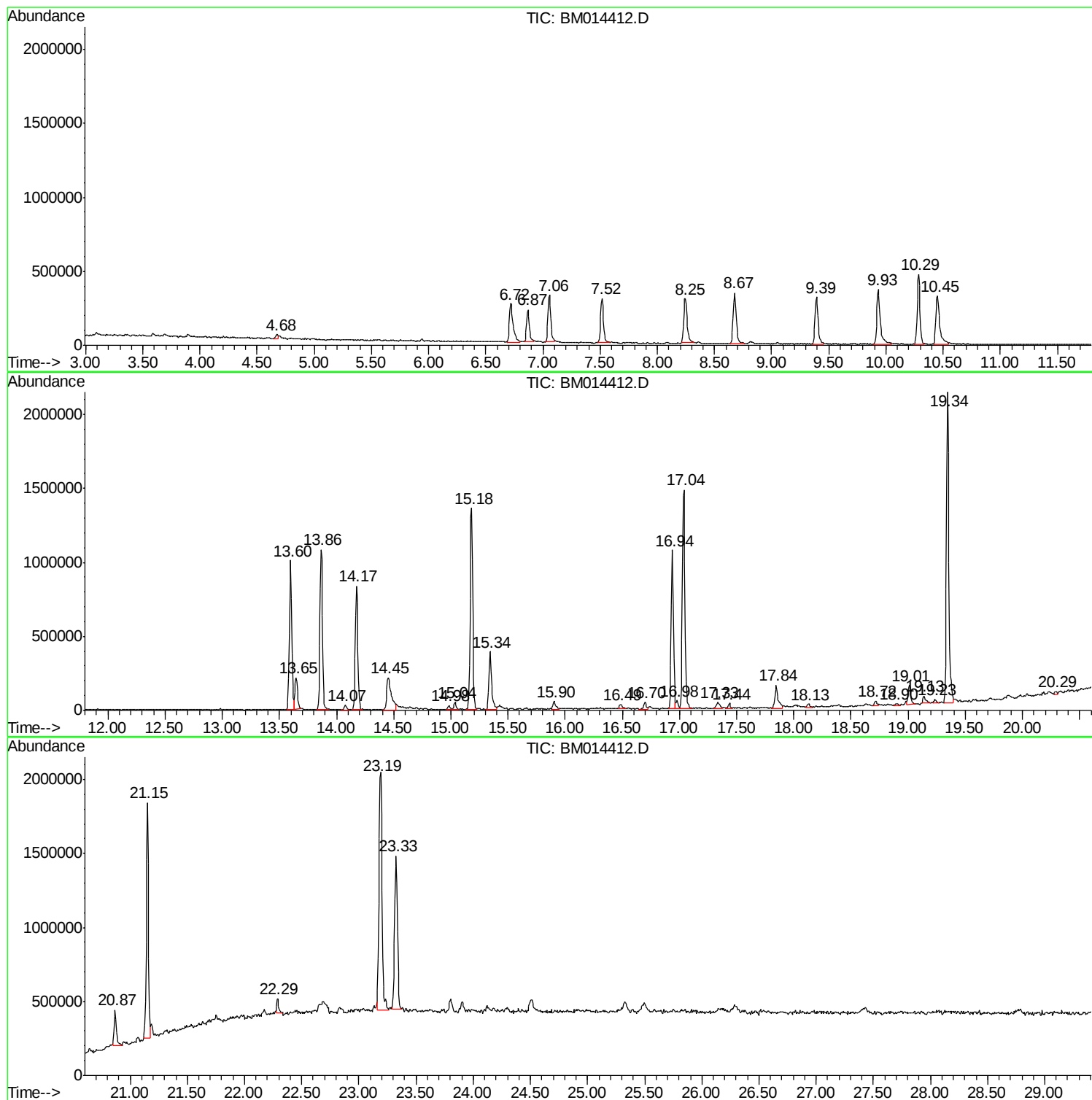
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

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



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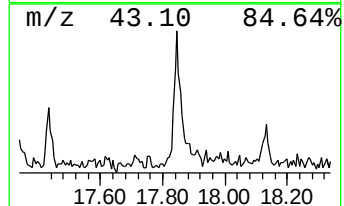
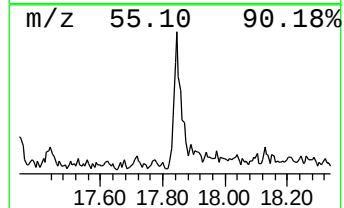
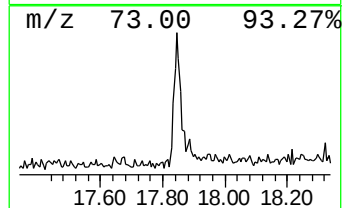
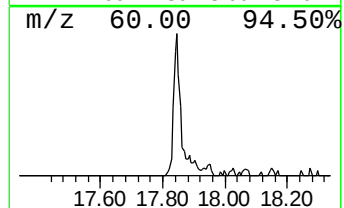
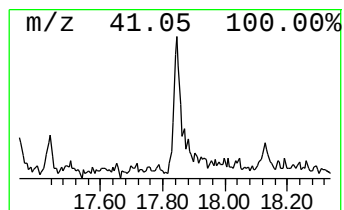
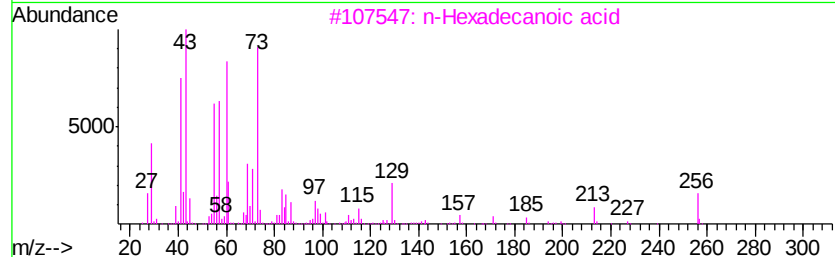
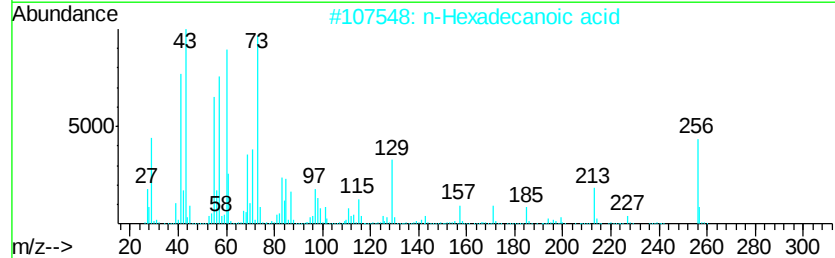
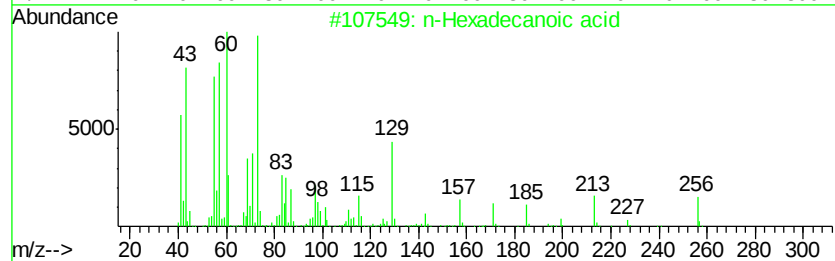
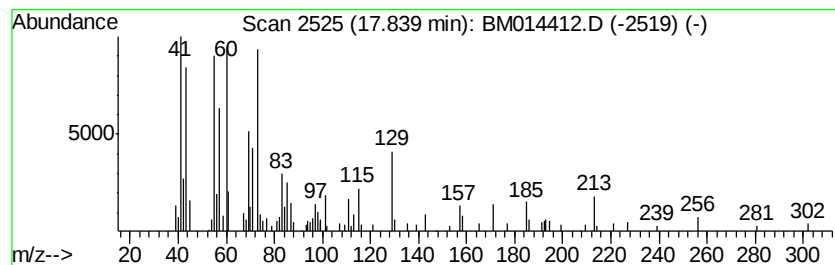
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Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.84	3.77 ng/ul	296128	Phenanthrene-d10		16.94	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98	
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94	
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86	
4	Tridecanoic acid	214	C13H26O2	000638-53-9	76	
5	Tridecanoic acid	214	C13H26O2	000638-53-9	70	



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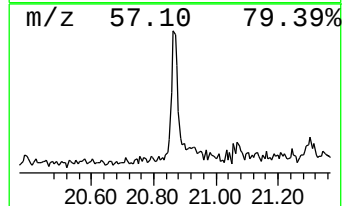
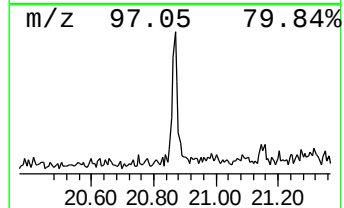
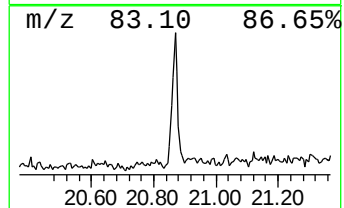
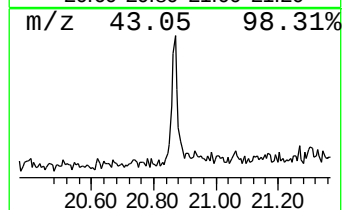
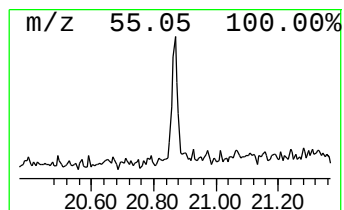
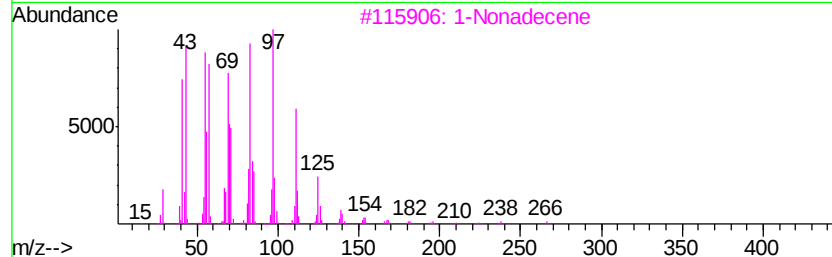
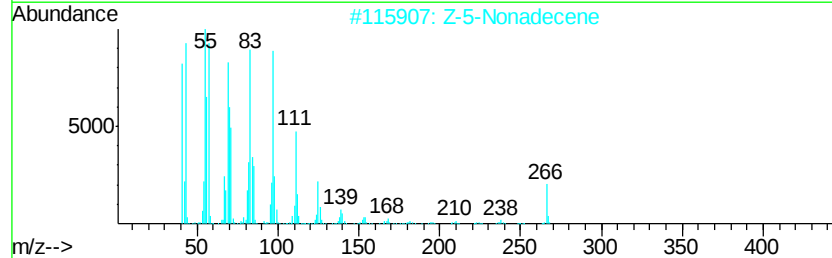
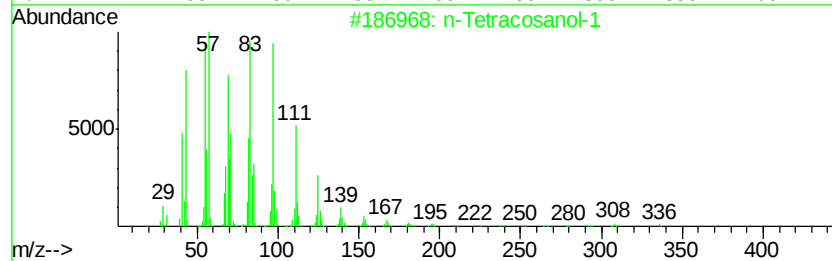
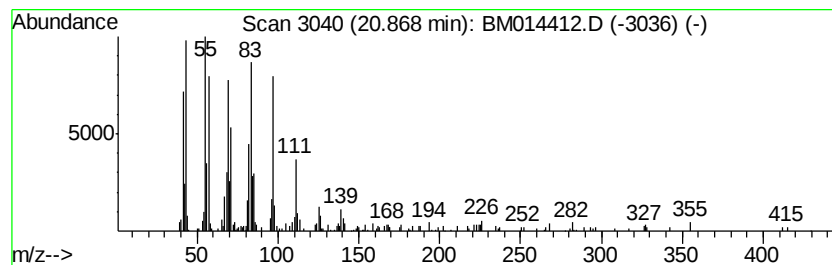
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Peak Number 2 n-Tetracosanol-1 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.87	3.29 ng/ul	334131	Chrysene-d12	21.15
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	n-Tetracosanol-1	354 C24H50O	000506-51-4	87
2	Z-5-Nonadecene	266 C19H38	1000131-11-8	83
3	1-Nonadecene	266 C19H38	018435-45-5	83
4	1-Hexacosanol	382 C26H54O	000506-52-5	83
5	1-Docosene	308 C22H44	001599-67-3	78



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.84	3.8	ng/ul	296128	4	16.94	1571140	20.0
n-Tetracosanol-1	20.87	3.3	ng/ul	334131	5	21.15	2033030	20.0