

Data Path : Z:\HPCHEM1\BNA M\Data\BM121217\
 Data File : BM013337.D
 Acq On : 12 Dec 2017 13:21
 Operator : SJ/JU
 Sample : I6775-12
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9A24

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-BM113017.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	6.863	635	642	655	rVB2	873744	1573380	24.70%	2.528%
2	7.028	663	670	677	rBV	648934	997390	15.66%	1.602%
3	7.222	694	703	712	rBV	875505	1398688	21.96%	2.247%
4	7.686	775	782	790	rVB	746130	1179281	18.52%	1.894%
5	8.392	894	902	911	rBV	1182074	1893177	29.73%	3.041%
6	8.839	970	978	988	rBV	942463	1513524	23.76%	2.431%
7	8.963	994	999	1004	rBV2	43079	72911	1.14%	0.117%
8	9.557	1092	1100	1114	rBV	805109	1327005	20.84%	2.132%
9	10.092	1183	1191	1202	rBV	1234197	2046925	32.14%	3.288%
10	10.463	1246	1254	1262	rBV	1023912	1721638	27.03%	2.766%
11	10.610	1271	1279	1292	rBV	1128869	1966823	30.88%	3.160%
12	13.745	1805	1812	1816	rBV	2458724	3303045	51.86%	5.306%
13	13.792	1816	1820	1828	rVB	460637	655886	10.30%	1.054%
14	14.021	1849	1859	1866	rBV	2636782	3856990	60.56%	6.196%
15	14.239	1890	1896	1900	rBV2	75356	109941	1.73%	0.177%
16	14.333	1903	1912	1918	rVV2	1496238	2395584	37.61%	3.848%
17	14.545	1937	1948	1962	rBV	1078880	1777426	27.91%	2.855%
18	15.139	2044	2049	2054	rBV	50055	75011	1.18%	0.121%
19	15.192	2054	2058	2062	rVB	107530	125368	1.97%	0.201%
20	15.327	2074	2081	2087	rBV	3420413	4676536	73.43%	7.513%
21	15.451	2096	2102	2110	rBV	966303	1357838	21.32%	2.181%
22	15.568	2117	2122	2125	rBV3	45796	70956	1.11%	0.114%
23	16.056	2200	2205	2212	rBV2	93655	164626	2.58%	0.264%
24	16.733	2315	2320	2327	rVB2	130974	188995	2.97%	0.304%
25	16.845	2335	2339	2344	rBV2	75002	101501	1.59%	0.163%
26	17.080	2372	2379	2384	rBV2	2098639	3014029	47.32%	4.842%
27	17.121	2384	2386	2389	rVV	68869	76213	1.20%	0.122%
28	17.180	2389	2396	2406	rVB	3883799	5458959	85.71%	8.770%
29	17.980	2528	2532	2542	rBV	318329	474403	7.45%	0.762%
30	18.274	2579	2582	2587	rBV4	63266	78417	1.23%	0.126%
31	18.909	2686	2690	2692	rBV4	62492	85723	1.35%	0.138%
32	18.939	2692	2695	2698	rVB2	150968	161395	2.53%	0.259%
33	19.115	2721	2725	2726	rVV2	48576	65553	1.03%	0.105%
34	19.139	2726	2729	2733	rVB	61710	91542	1.44%	0.147%

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35	19.268	2746	2751	2758	rBV3	107255	173359	2.72%	0.278%
36	19.362	2763	2767	2772	rVB	48631	72450	1.14%	0.116%
37	19.474	2780	2786	2793	rBV	4547154	6368905	100.00%	10.231%
38	19.533	2793	2796	2803	rVB8	45557	73192	1.15%	0.118%
39	20.339	2929	2933	2939	rBV9	54105	100549	1.58%	0.162%
40	20.986	3039	3043	3054	rBV2	304068	482698	7.58%	0.775%
41	21.268	3085	3091	3096	rBV	2691966	3333724	52.34%	5.355%
42	23.356	3439	3446	3458	rVB	2766647	5036596	79.08%	8.091%
43	23.491	3463	3469	3478	rVB	1335412	2550986	40.05%	4.098%

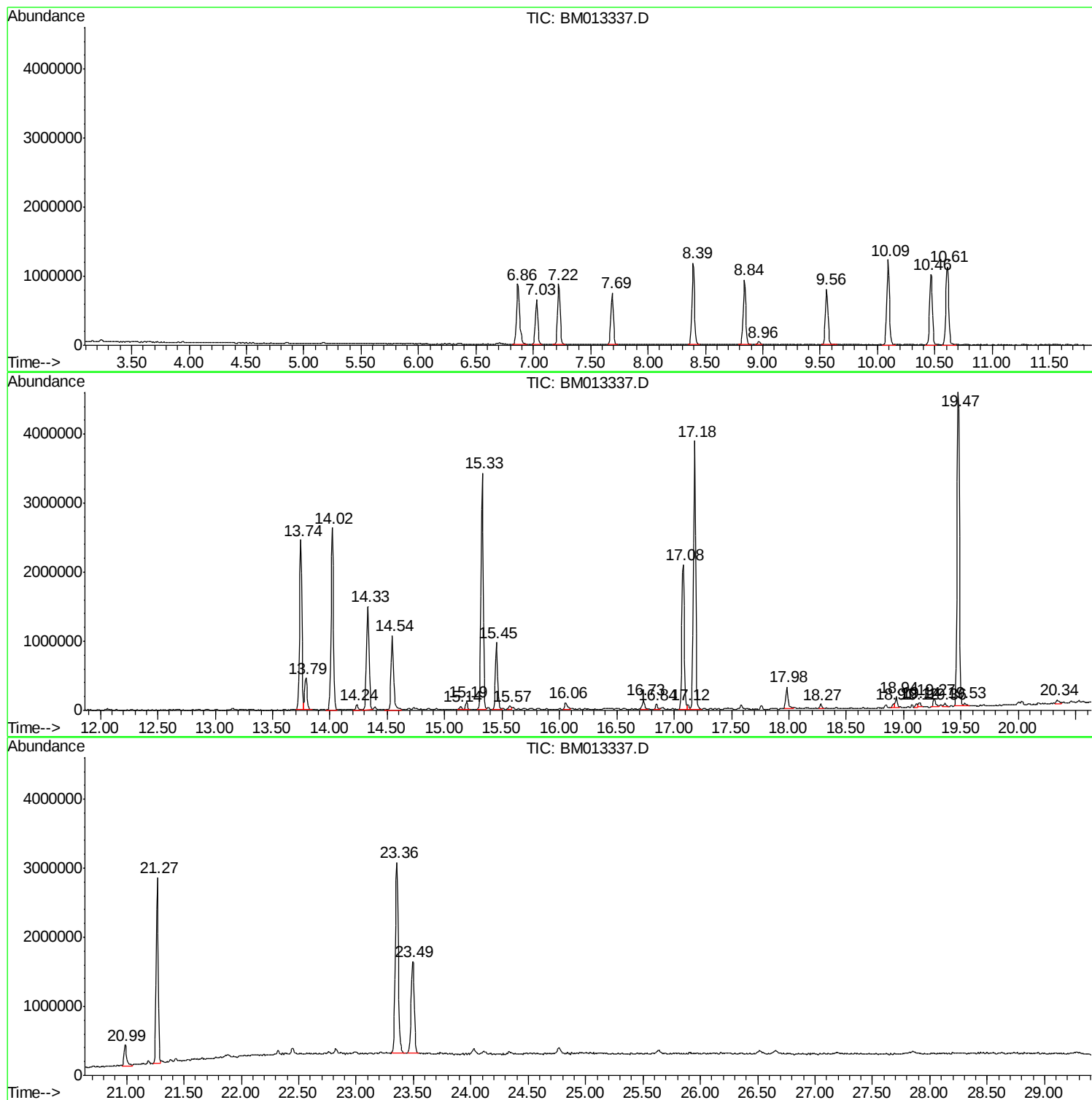
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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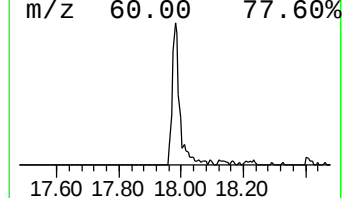
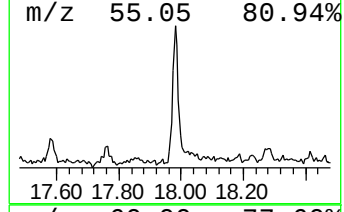
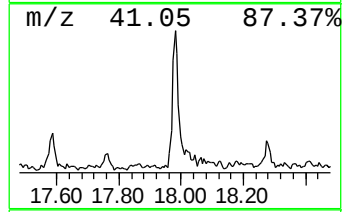
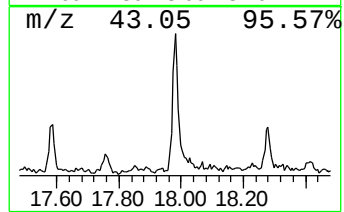
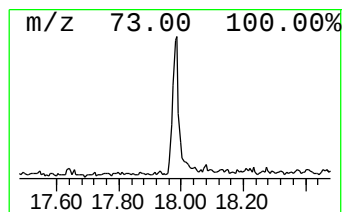
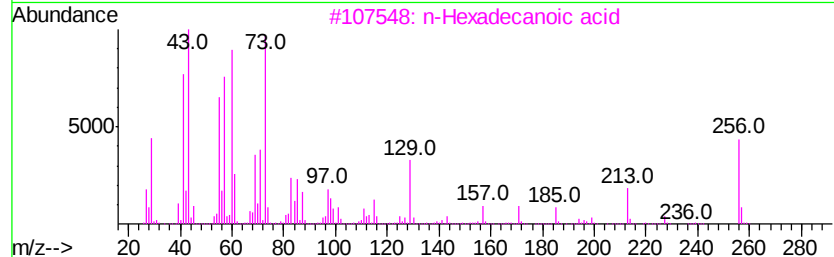
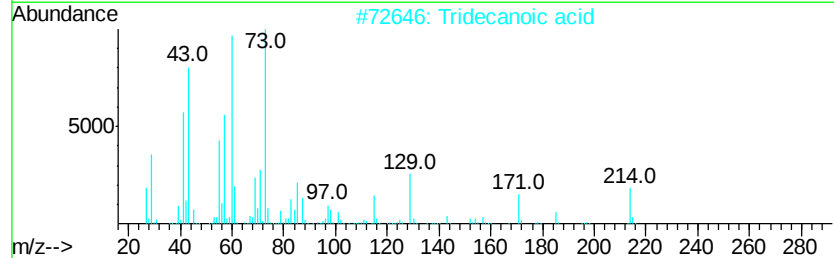
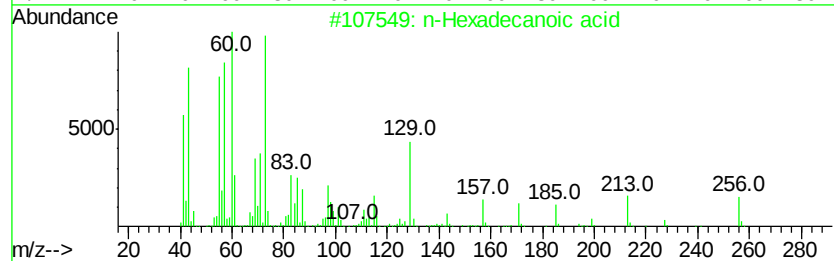
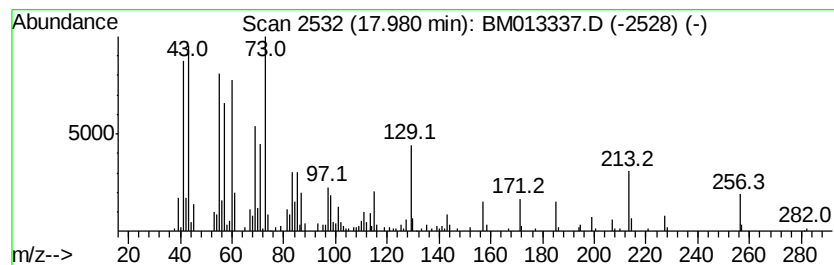
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 Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.98	3.15 ng/ul	474403	Phenanthrene-d10	17.08	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Tridecanoic acid	214	C13H26O2	000638-53-9	94
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5	Undecanoic acid	186	C11H22O2	000112-37-8	83



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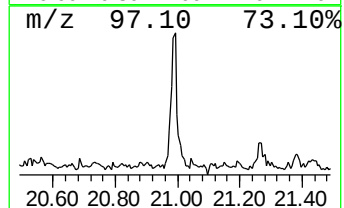
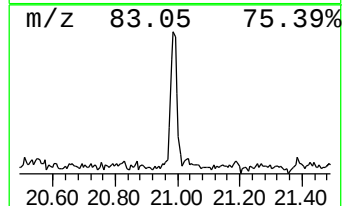
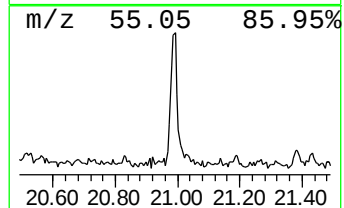
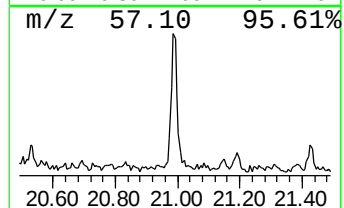
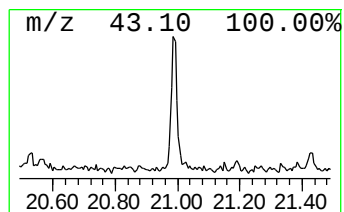
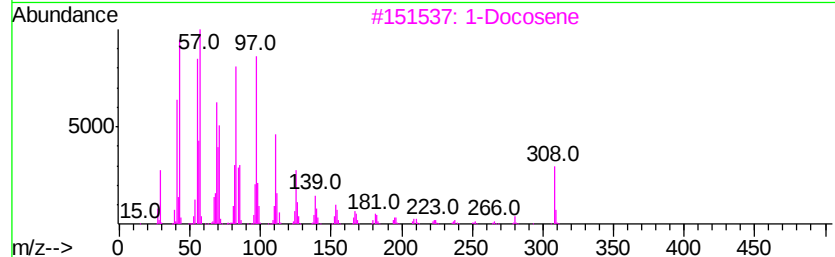
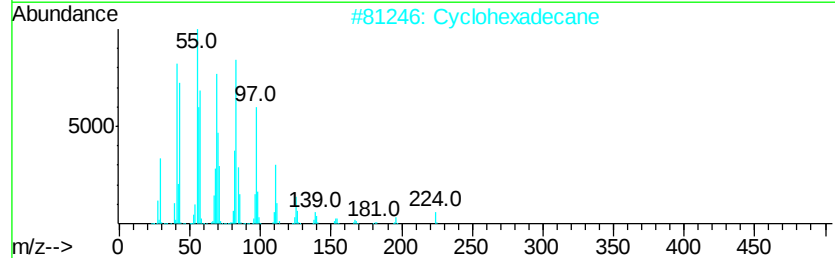
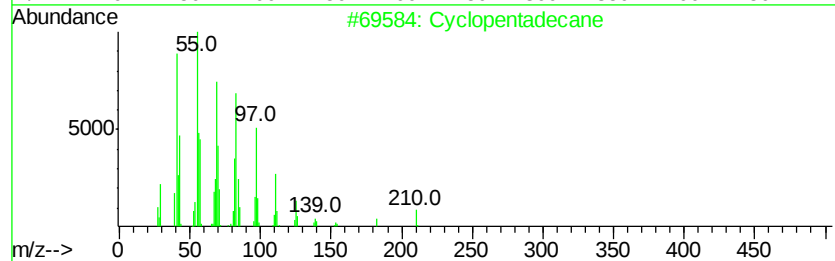
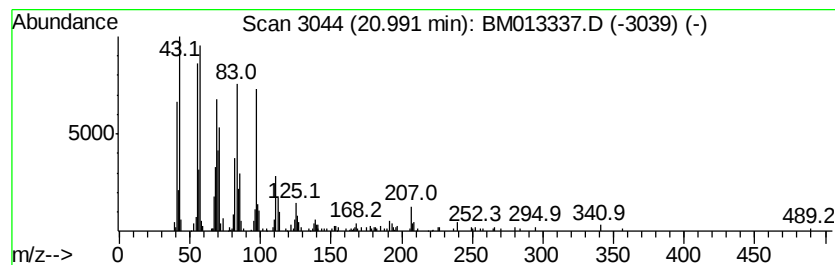
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Peak Number 2 (DEL) Alkane: Cyclic20.33 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.99	2.90 ng/ul	482698	Chrysene-d12	21.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentadecane	210	C15H30	000295-48-7	98
2		Cyclohexadecane	224	C16H32	000295-65-8	96
3		1-Docosene	308	C22H44	001599-67-3	95
4		1-Octadecene	252	C18H36	000112-88-9	95
5		Cetene	224	C16H32	000629-73-2	94



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.98	3.1	ng/ul	474403	4	17.08	3014030	20.0
(DEL) Alkane: Cyc...	20.99	2.9	ng/ul	482698	5	21.27	3333720	20.0