

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012617\
 Data File : BM008896.D
 Acq On : 27 Jan 2017 04:34
 Operator : SJ/MA
 Sample : I1426-12
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BDMZ0

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-BM012317.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	3.387	133	136	144	rVB4	21941	33125	1.72%	0.141%
2	7.075	756	763	774	rBV4	435966	765385	39.65%	3.251%
3	7.251	786	793	801	rBV	269230	415000	21.50%	1.763%
4	7.451	821	827	836	rVB	407788	654928	33.93%	2.782%
5	7.928	901	908	914	rBV	397005	636227	32.96%	2.702%
6	8.616	1019	1025	1035	rVB	457573	734223	38.04%	3.119%
7	9.087	1098	1105	1114	rVB	419119	697072	36.11%	2.961%
8	9.457	1163	1168	1174	rBV2	20852	31673	1.64%	0.135%
9	9.810	1218	1228	1238	rBV	376390	618818	32.06%	2.628%
10	10.339	1309	1318	1327	rBV2	499291	813544	42.15%	3.455%
11	10.728	1377	1384	1393	rVB	462518	780214	40.42%	3.314%
12	10.863	1401	1407	1415	rBV	454143	743793	38.54%	3.159%
13	13.969	1928	1935	1939	rBV	788858	1086202	56.28%	4.613%
14	14.016	1939	1943	1948	rVB	237757	332978	17.25%	1.414%
15	14.257	1977	1984	1993	rVB	764888	1101002	57.04%	4.676%
16	14.439	2008	2015	2021	rBV3	20728	27800	1.44%	0.118%
17	14.563	2029	2036	2042	rBV	674677	955529	49.51%	4.058%
18	14.745	2060	2067	2077	rVB	477530	663260	34.36%	2.817%
19	15.339	2164	2168	2173	rBV4	18142	25394	1.32%	0.108%
20	15.392	2173	2177	2181	rBV	38482	49884	2.58%	0.212%
21	15.551	2198	2204	2211	rBV	929893	1372805	71.12%	5.831%
22	15.663	2215	2223	2232	rBV	384627	546452	28.31%	2.321%
23	15.798	2236	2246	2249	rBV4	26847	42542	2.20%	0.181%
24	16.251	2319	2323	2332	rVB2	52820	101997	5.28%	0.433%
25	17.045	2452	2458	2462	rBV	46541	62934	3.26%	0.267%
26	17.092	2462	2466	2472	rVB3	18049	28170	1.46%	0.120%
27	17.310	2496	2503	2508	rBV	870352	1188394	61.57%	5.048%
28	17.410	2513	2520	2527	rVV	1101688	1580905	81.91%	6.715%
29	17.780	2579	2583	2590	rBV3	43042	53438	2.77%	0.227%
30	18.180	2645	2651	2659	rBV2	172116	250002	12.95%	1.062%
31	18.474	2696	2701	2704	rBV5	18665	24161	1.25%	0.103%
32	19.333	2839	2847	2850	rBV5	39598	71046	3.68%	0.302%
33	19.451	2861	2867	2873	rBV9	64899	95303	4.94%	0.405%
34	19.598	2890	2892	2897	rVB4	15013	20484	1.06%	0.087%

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35	19.692	2902	2908	2915	rBV	1313991	1836899	95.17%	7.802%
36	21.162	3154	3158	3165	rBV3	162440	193188	10.01%	0.821%
37	21.474	3206	3211	3216	rBV	1217870	1517791	78.64%	6.447%
38	22.539	3390	3392	3398	rVB5	70429	92264	4.78%	0.392%
39	23.680	3579	3586	3596	rBV2	937415	1930146	100.00%	8.198%
40	23.833	3606	3612	3623	rVB2	685439	1369028	70.93%	5.815%

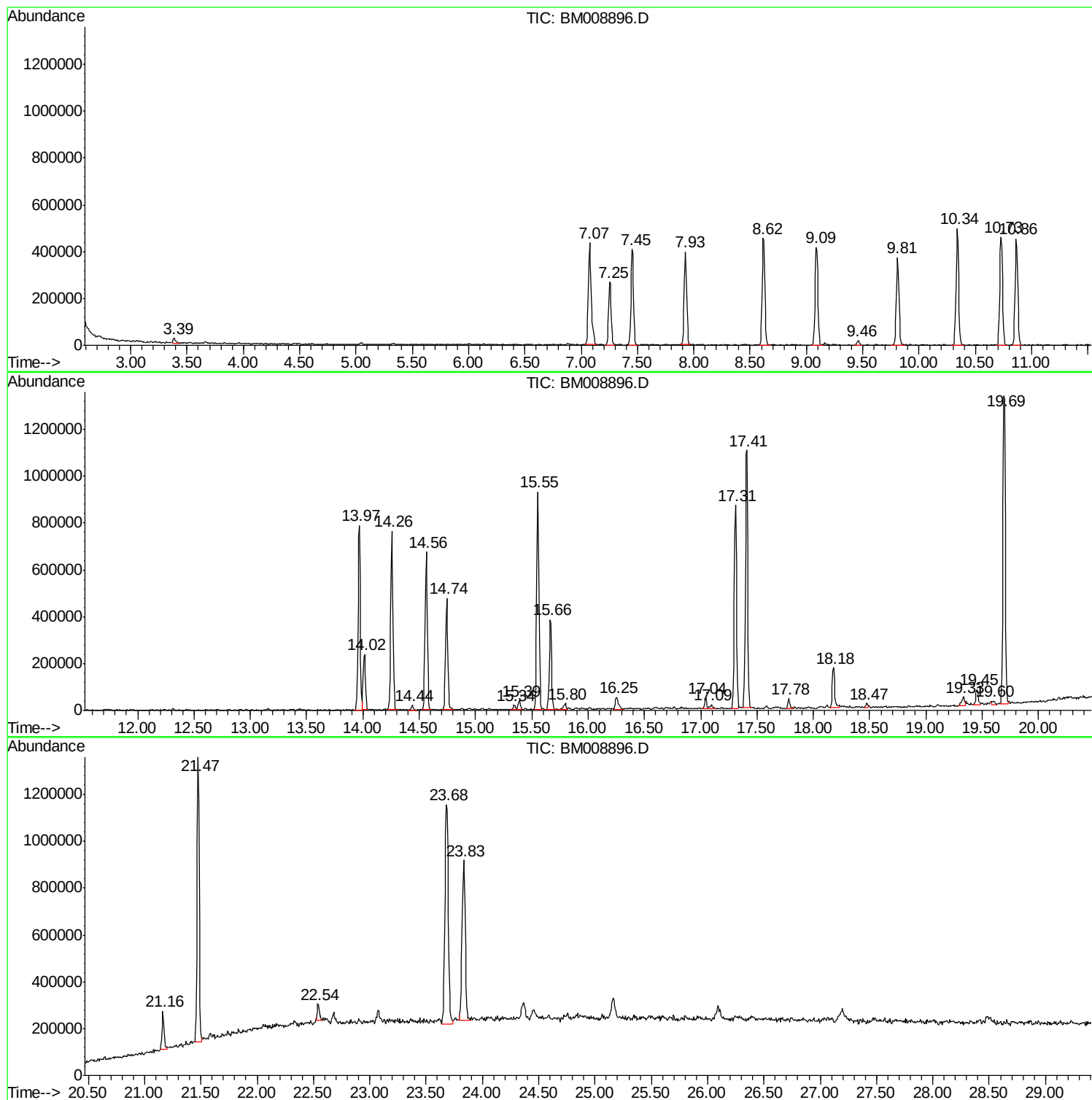
Sum of corrected areas: 23544000

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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012317.M
Quant Title : SVOA CALIBRATION

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



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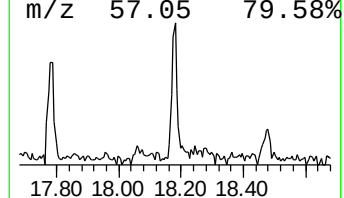
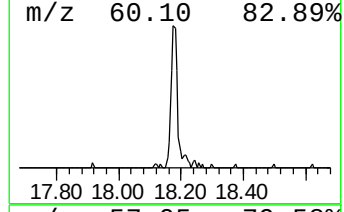
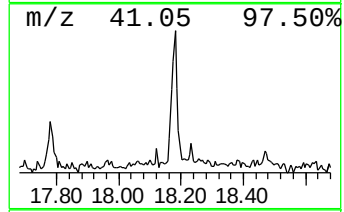
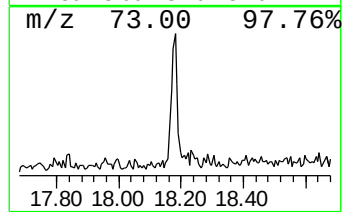
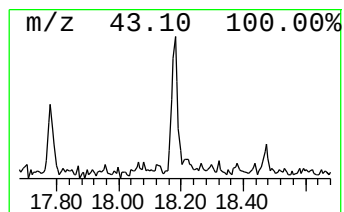
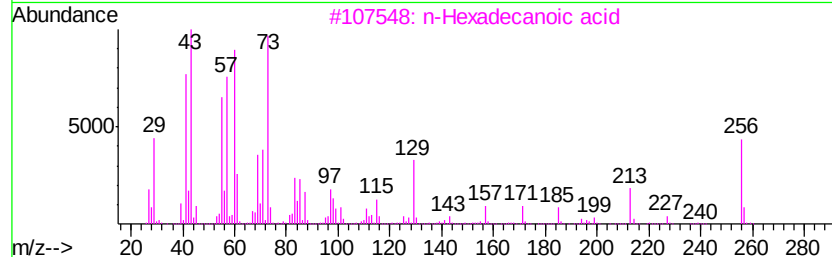
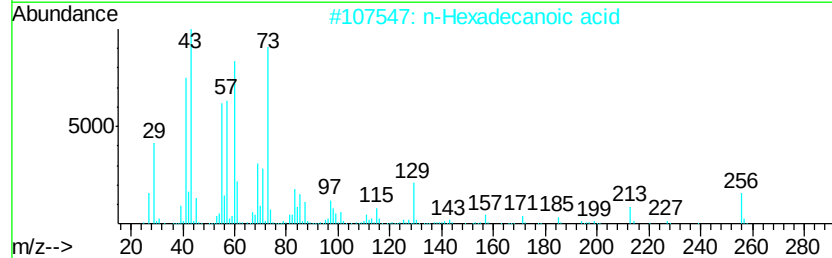
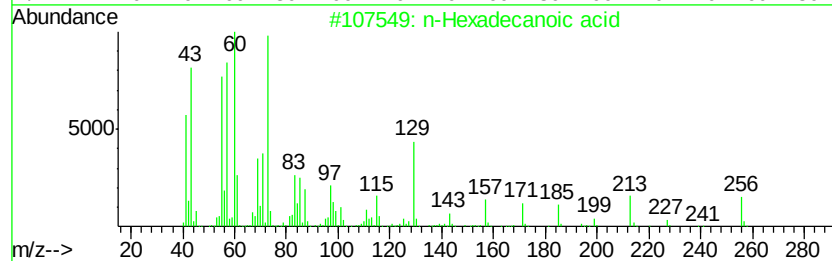
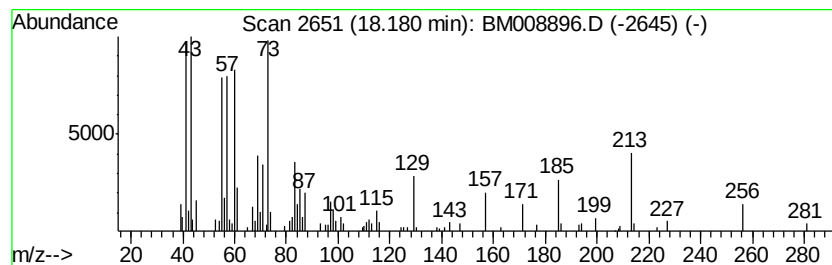
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Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.18	4.21 ng/ul	250002	Phenanthrene-d10	17.31		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96	
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91	
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	70	
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	62	
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	58	



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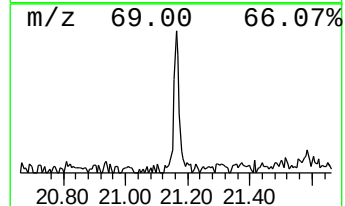
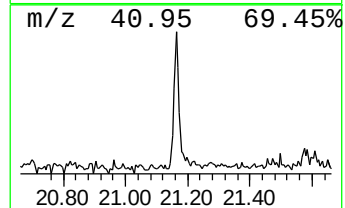
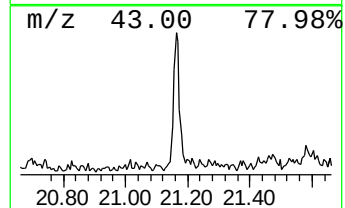
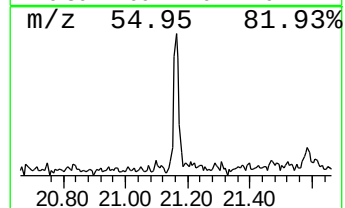
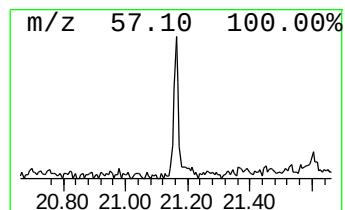
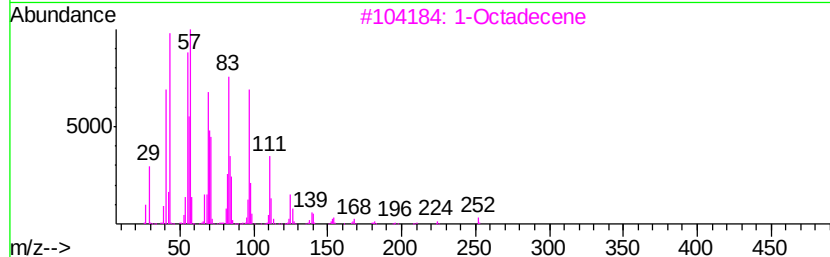
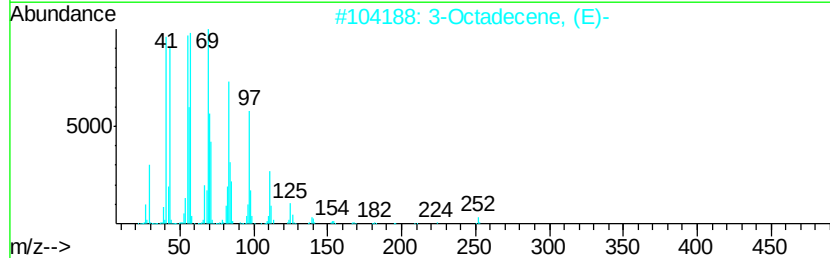
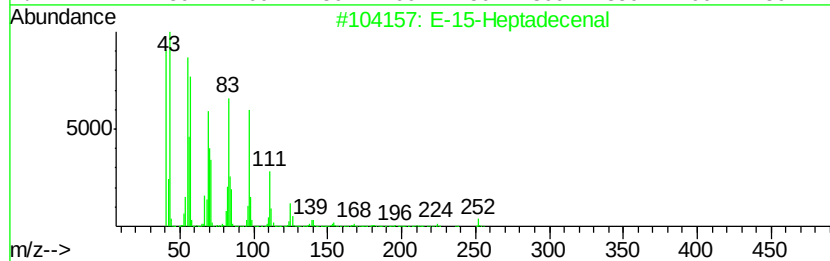
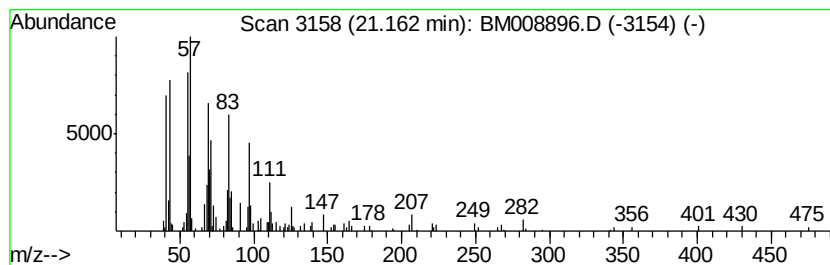
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Peak Number 2 E-15-Heptadecenal Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.16	2.55 ng/ul	193188	Chrysene-d12	21.47
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	E-15-Heptadecenal	252 C17H32O	1000130-97-9	96
2	3-Octadecene, (E)-	252 C18H36	007206-19-1	95
3	1-Octadecene	252 C18H36	000112-88-9	95
4	Cyclotetracosane	336 C24H48	000297-03-0	95
5	Trichloroacetic acid, hexadecyl ...	386 C18H33Cl3O2	074339-54-1	95



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.18	4.2	ng/ul	250002	4	17.31	1188390	20.0
E-15-Heptadecenal	21.16	2.5	ng/ul	193188	5	21.47	1517790	20.0