

Data Path : Z:\HPCHEM1\BNA M\DATA\BM043017\
 Data File : BM009807.D
 Acq On : 30 Apr 2017 12:23
 Operator : SJ/MA
 Sample : I2849-06
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JHSS9

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	3.293	32	35	41	rVB	40892	55441	1.12%	0.106%
2	6.981	655	662	673	rBV	832898	1398391	28.24%	2.666%
3	7.145	685	690	698	rBV	619549	955007	19.29%	1.821%
4	7.345	717	724	732	rBV	790089	1262162	25.49%	2.406%
5	7.816	797	804	810	rBV	629537	1018705	20.57%	1.942%
6	8.522	916	924	934	rBV	958162	1620537	32.73%	3.089%
7	8.981	995	1002	1014	rBV	832332	1370808	27.69%	2.613%
8	9.086	1014	1020	1025	rBV5	34707	58710	1.19%	0.112%
9	9.698	1117	1124	1132	rBV	717792	1195648	24.15%	2.279%
10	10.233	1207	1215	1224	rBV	986394	1639241	33.11%	3.125%
11	10.610	1272	1279	1286	rVB	903461	1488164	30.06%	2.837%
12	10.757	1295	1304	1314	rBV	901242	1600881	32.33%	3.052%
13	13.869	1827	1833	1837	rBV	1907466	2603612	52.58%	4.963%
14	13.916	1837	1841	1846	rVB	438423	597774	12.07%	1.140%
15	14.157	1875	1882	1889	rBV	1990629	2953339	59.65%	5.630%
16	14.327	1904	1911	1918	rBV3	80090	158976	3.21%	0.303%
17	14.463	1926	1934	1941	rBV2	1410338	2155500	43.53%	4.109%
18	14.674	1964	1970	1984	rBV	967535	1574150	31.79%	3.001%
19	15.239	2060	2066	2070	rBV	41390	61253	1.24%	0.117%
20	15.286	2070	2074	2080	rVB2	82646	106386	2.15%	0.203%
21	15.457	2096	2103	2112	rVB	2758607	3787757	76.50%	7.221%
22	15.592	2119	2126	2135	rBV	912999	1364953	27.57%	2.602%
23	15.692	2137	2143	2148	rVB5	57441	99441	2.01%	0.190%
24	16.145	2217	2220	2229	rBV	91504	161198	3.26%	0.307%
25	16.427	2262	2268	2273	rBV8	51234	92836	1.88%	0.177%
26	16.939	2351	2355	2359	rBV2	78560	95337	1.93%	0.182%
27	16.998	2361	2365	2373	rVB4	35199	63707	1.29%	0.121%
28	17.209	2395	2401	2409	rBV2	1884208	2660891	53.74%	5.072%
29	17.309	2411	2418	2425	rVB2	3057429	4255005	85.94%	8.111%
30	17.568	2460	2462	2467	rBV2	50512	69169	1.40%	0.132%
31	17.680	2477	2481	2486	rVB	77736	111165	2.25%	0.212%
32	18.086	2545	2550	2561	rBV	355471	507031	10.24%	0.967%
33	18.374	2595	2599	2603	rBV2	42573	56746	1.15%	0.108%
34	19.009	2702	2707	2711	rBV6	42058	71695	1.45%	0.137%

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35	19.239	2741	2746	2751	rBV	44428	84070	1.70%	0.160%
36	19.362	2763	2767	2777	rBV2	155583	277227	5.60%	0.528%
37	19.609	2802	2809	2819	rVB	3538268	4951253	100.00%	9.439%
38	21.074	3054	3058	3064	rBV	655673	852803	17.22%	1.626%
39	21.392	3107	3112	3118	rBV	2329820	3013979	60.87%	5.746%
40	23.556	3473	3480	3491	rVB2	1924616	3660777	73.94%	6.979%
41	23.703	3499	3505	3514	rVB	1228149	2346021	47.38%	4.472%

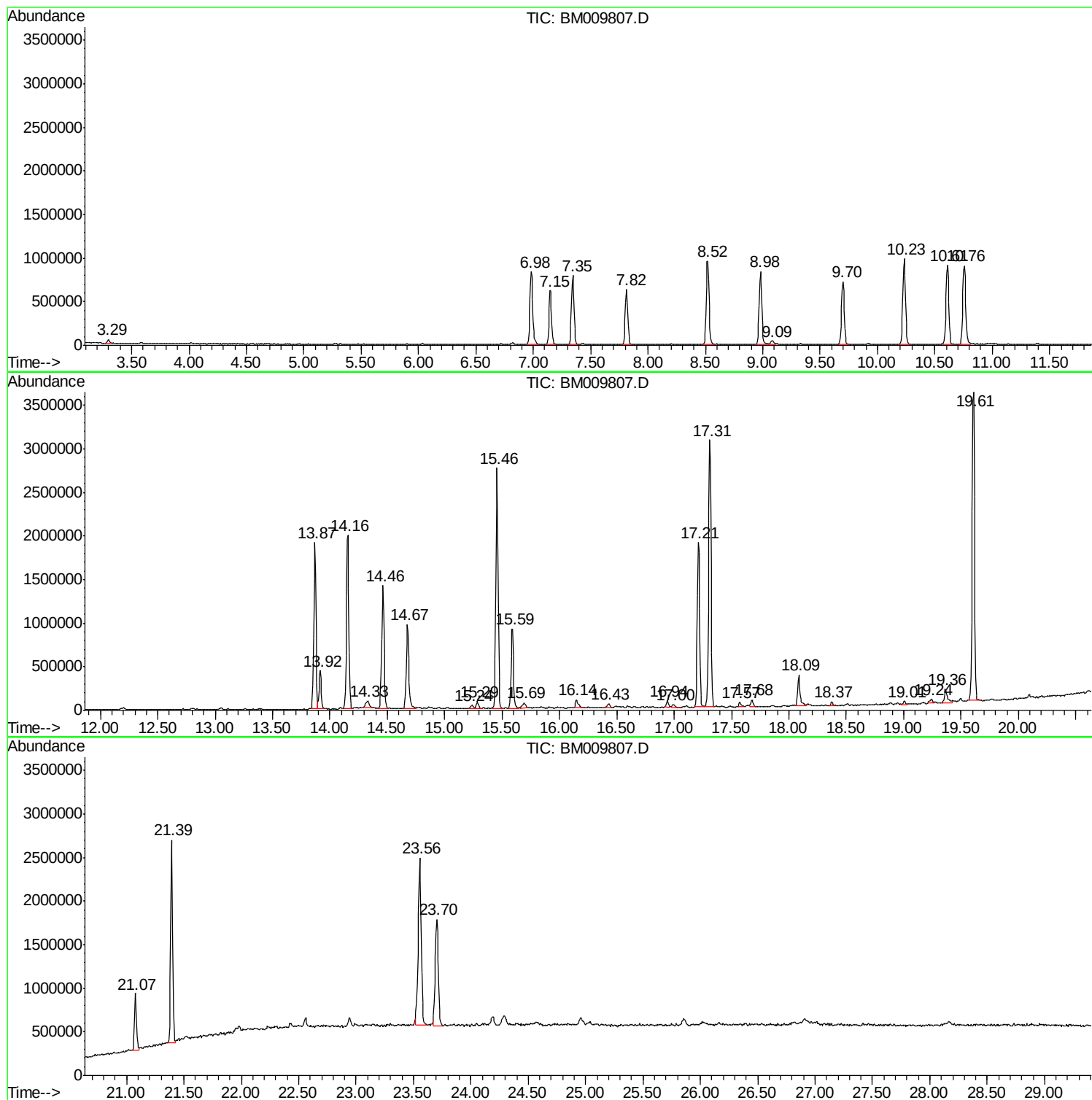
Sum of corrected areas: 52457746

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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM042517.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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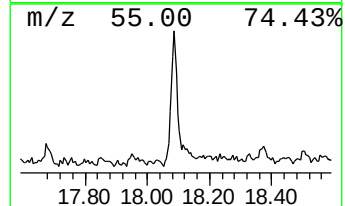
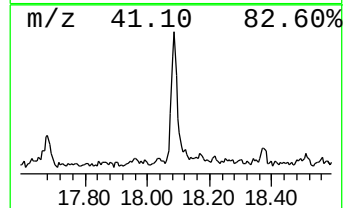
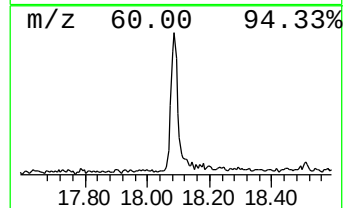
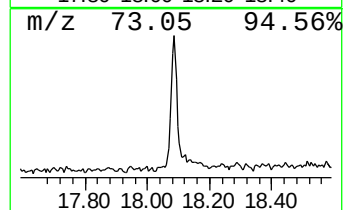
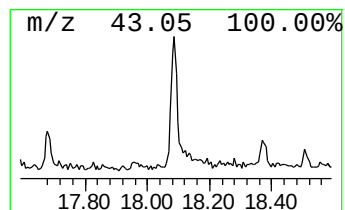
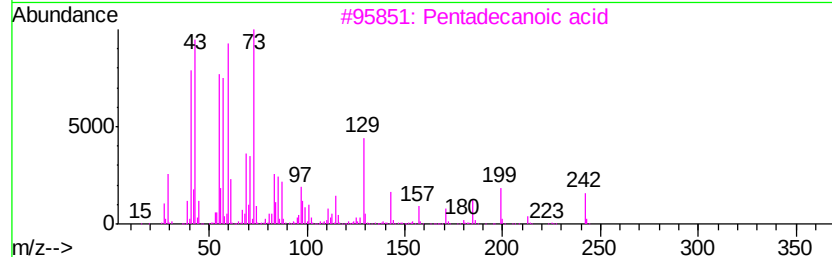
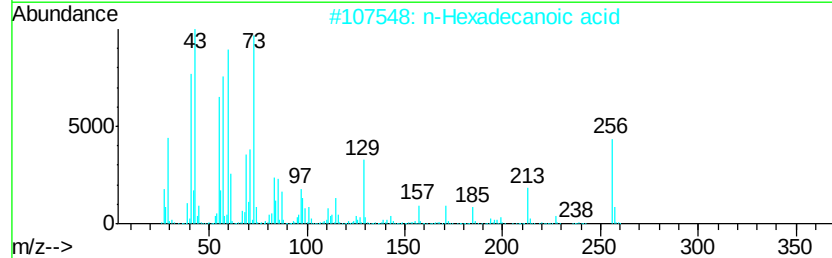
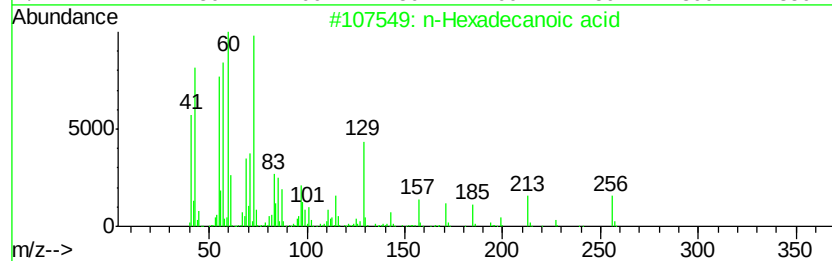
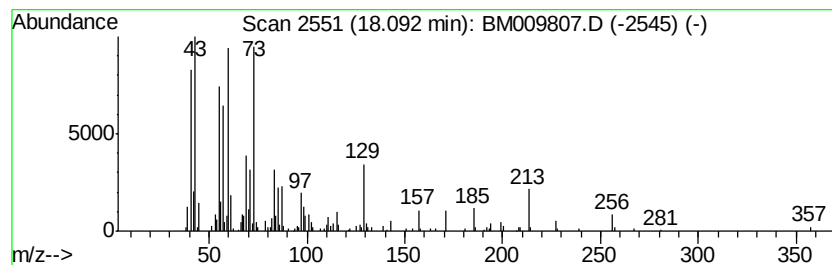
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Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.09	3.81 ng/ul	507031	Phenanthrene-d10		17.21	
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	90
3	Pentadecanoic acid		242	C15H30O2	001002-84-2	74
4	Pentadecanoic acid		242	C15H30O2	001002-84-2	64
5	Dodecanoic acid		200	C12H24O2	000143-07-7	64



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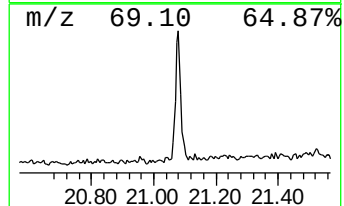
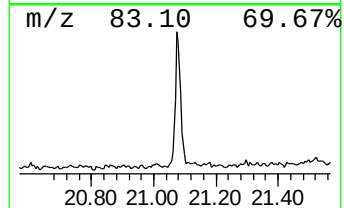
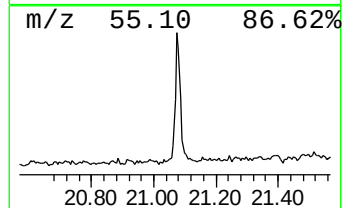
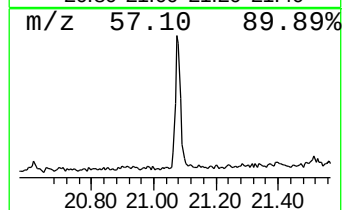
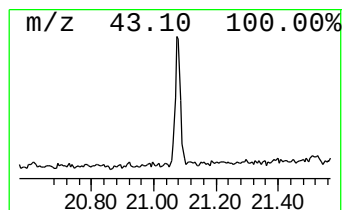
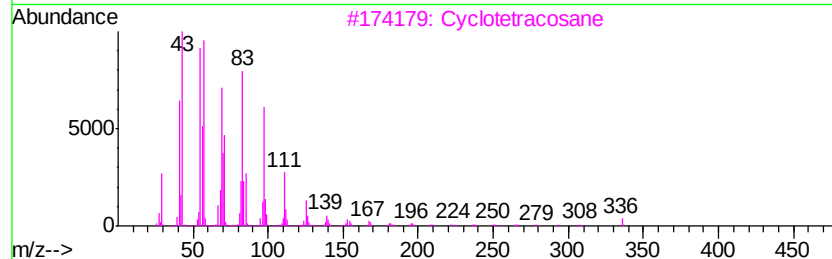
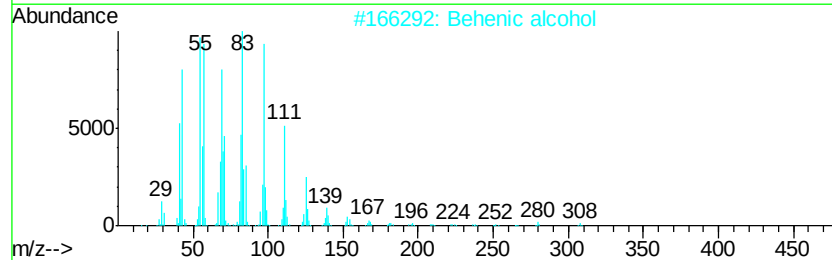
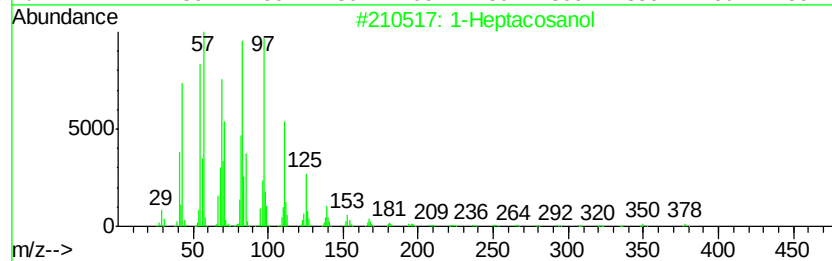
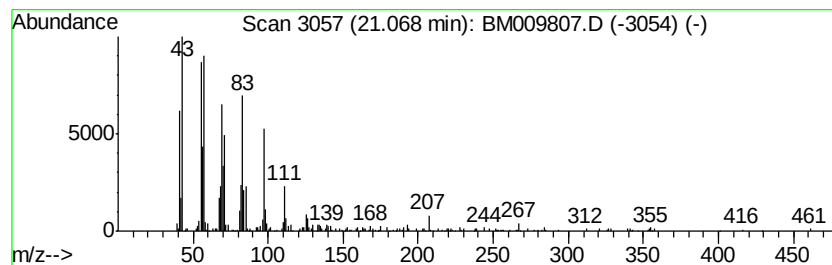
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Peak Number 2 1-Heptacosanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.07	5.66 ng/ul	852803	Chrysene-d12	21.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Heptacosanol	396	C27H56O	002004-39-9	91
2		Behenic alcohol	326	C22H46O	000661-19-8	91
3		Cyclotetracosane	336	C24H48	000297-03-0	91
4		Octacosanol	410	C28H58O	000557-61-9	91
5		1-Heneicosyl formate	340	C22H44O2	077899-03-7	91



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.09	3.8	ng/ul	507031	4	17.21	2660890	20.0
1-Heptacosanol	21.07	5.7	ng/ul	852803	5	21.39	3013980	20.0