

Data Path : Z:\HPCHEM1\BNA M\DATA\BM100917\
 Data File : BM012010.D
 Acq On : 09 Oct 2017 13:35
 Operator : SJ/JU
 Sample : I5522-14
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AE3

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-BM100317.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	7.010	660	667	687	rBV	621814	1181727	15.65%	1.900%
2	7.175	689	695	708	rVV	515328	846392	11.21%	1.361%
3	7.375	723	729	741	rBV	687213	1186740	15.72%	1.908%
4	7.845	803	809	821	rBV	640081	1076576	14.26%	1.731%
5	8.551	922	929	948	rBV	882823	1611976	21.35%	2.592%
6	9.016	999	1008	1021	rBV	681306	1222996	16.20%	1.966%
7	9.733	1124	1130	1145	rBV	599036	1084422	14.36%	1.743%
8	10.275	1214	1222	1234	rBV	902324	1708654	22.63%	2.747%
9	10.651	1278	1286	1300	rBV	954689	1661529	22.01%	2.671%
10	10.792	1303	1310	1325	rBV	805655	1575614	20.87%	2.533%
11	13.898	1832	1838	1843	rBV	2022075	2917286	38.64%	4.690%
12	13.945	1843	1846	1857	rVB	602734	853503	11.30%	1.372%
13	14.186	1881	1887	1905	rBV	2198067	3372418	44.67%	5.422%
14	14.498	1931	1940	1951	rBV2	1552168	2420660	32.06%	3.892%
15	14.698	1967	1974	1993	rBV	499547	1118341	14.81%	1.798%
16	15.486	2101	2108	2116	rBV	3042176	4333814	57.40%	6.968%
17	15.609	2123	2129	2143	rBV	815190	1224323	16.22%	1.968%
18	15.727	2143	2149	2155	rVB3	49448	87243	1.16%	0.140%
19	16.192	2222	2228	2236	rBV	71185	129196	1.71%	0.208%
20	17.239	2400	2406	2416	rBV2	2183831	3122794	41.36%	5.021%
21	17.339	2416	2423	2437	rVV	3307578	4866560	64.46%	7.824%
22	18.115	2550	2555	2567	rBV	434560	678853	8.99%	1.091%
23	19.268	2744	2751	2753	rBV2	68478	141413	1.87%	0.227%
24	19.392	2768	2772	2785	rBV	344907	557078	7.38%	0.896%
25	19.627	2806	2812	2824	rBV	4601851	6596900	87.38%	10.606%
26	21.103	3060	3063	3070	rBV2	312839	393174	5.21%	0.632%
27	21.415	3111	3116	3130	rBV	3185093	4243699	56.21%	6.823%
28	23.585	3478	3485	3498	rBV2	3839498	7549940	100.00%	12.138%
29	23.732	3503	3510	3524	rVB2	2188237	4435257	58.75%	7.131%

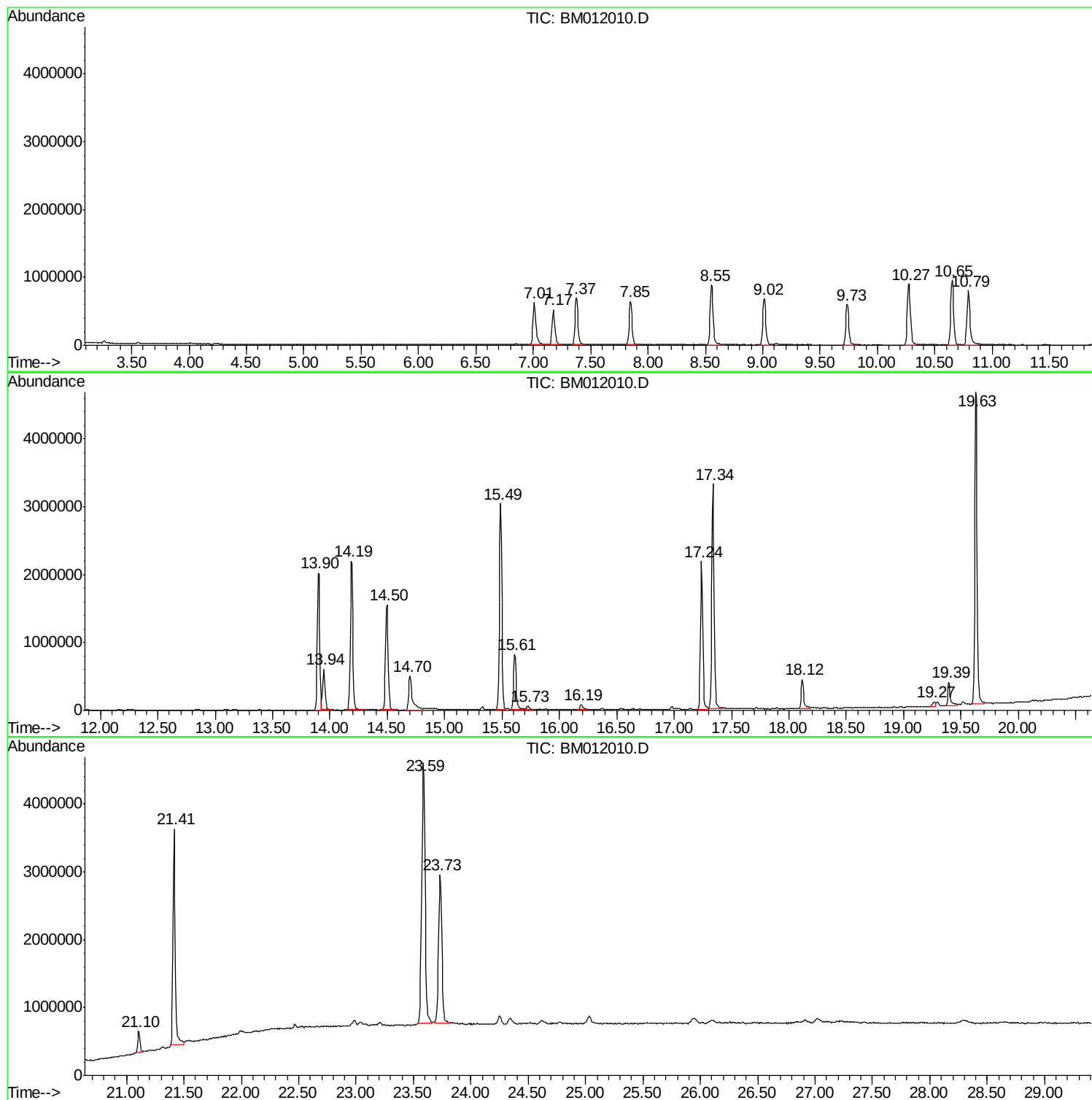
Sum of corrected areas: 62199078

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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION

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



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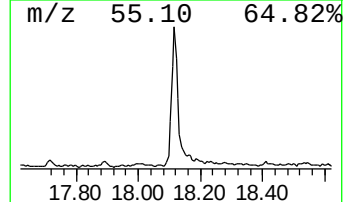
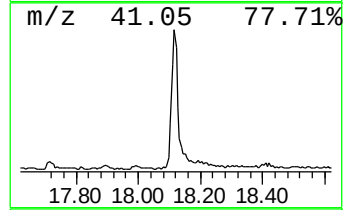
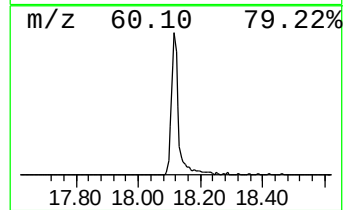
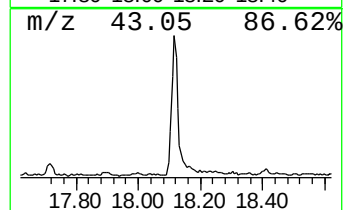
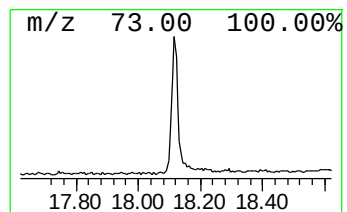
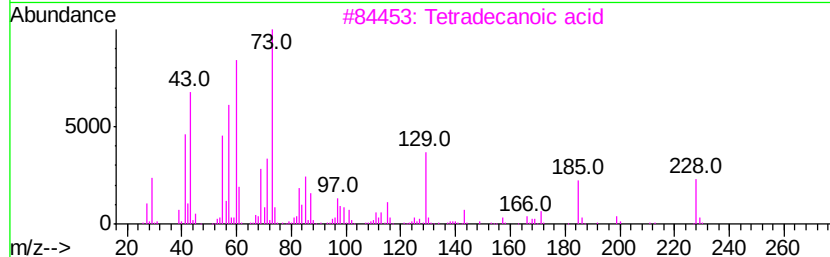
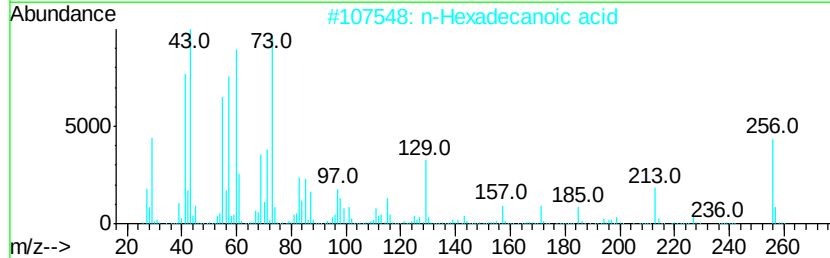
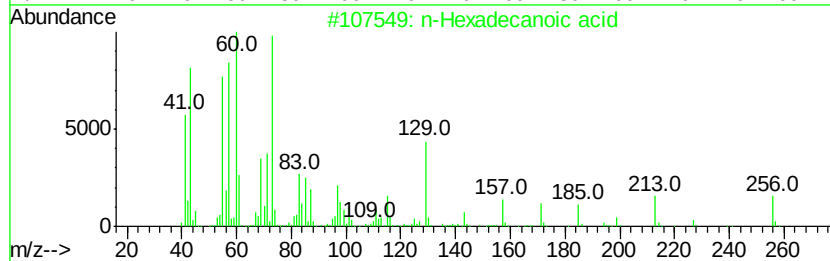
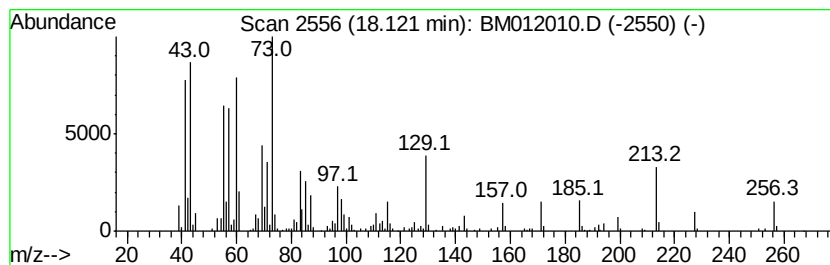
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Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.12	4.35 ng/ul	678853	Phenanthrene-d10	17.24		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	90
4		Tridecanoic acid	214	C13H26O2	000638-53-9	89
5		Tridecanoic acid	214	C13H26O2	000638-53-9	70



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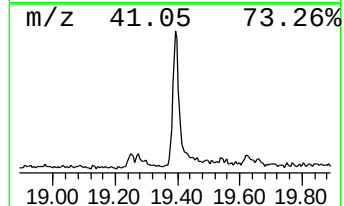
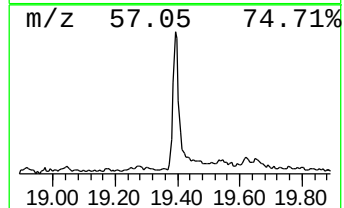
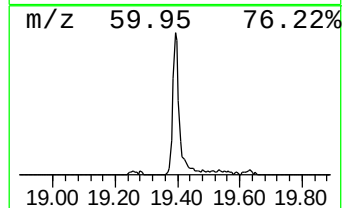
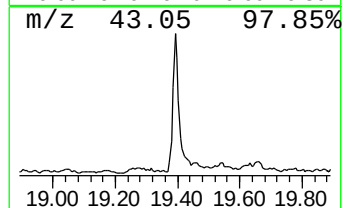
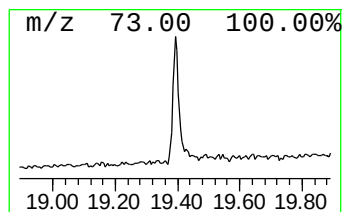
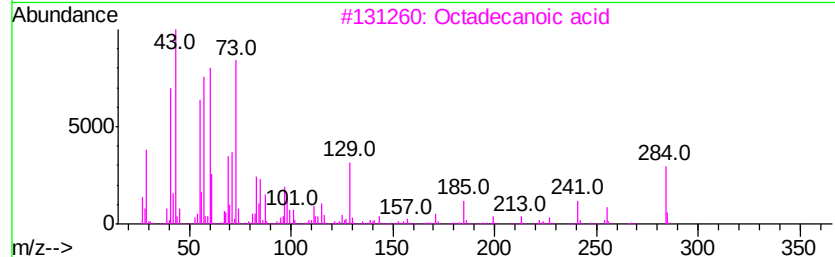
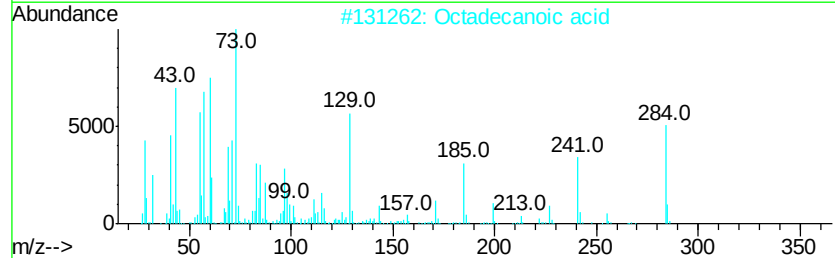
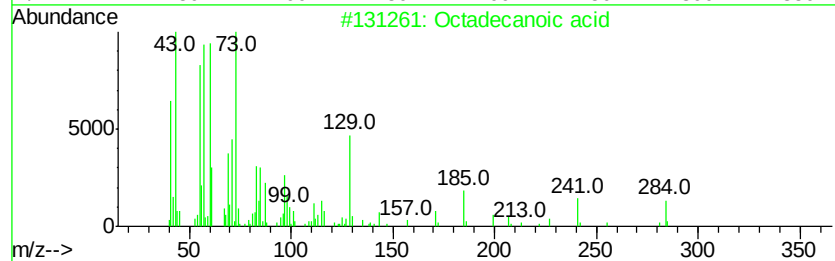
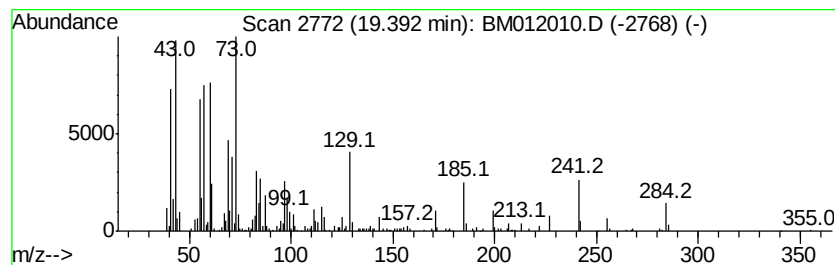
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Peak Number 2 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.39	2.63 ng/ul	557078	Chrysene-d12	21.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Octadecanoic acid	284	C18H36O2	000057-11-4	99
3		Octadecanoic acid	284	C18H36O2	000057-11-4	99
4		Octadecanoic acid	284	C18H36O2	000057-11-4	98
5		Octadecanoic acid	284	C18H36O2	000057-11-4	95



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TIC Top Hit name	RT	EstConc	Units	Response	---Internal Standard---			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.12	4.3	ng/ul	678853	4	17.24	3122790	20.0
Octadecanoic acid	19.39	2.6	ng/ul	557078	5	21.41	4243700	20.0