

Data Path : Z:\HPCHEM1\BNA M\DATA\BM103117\
 Data File : BM012610.D
 Acq On : 31 Oct 2017 19:24
 Operator : SJ/JU
 Sample : I5844-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AC2

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-BM102417.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	3.346	40	44	48	rVB	63750	77965	1.25%	0.107%
2	4.987	317	323	330	rVB3	63667	117229	1.88%	0.160%
3	7.022	661	669	680	rBV	1101990	1857638	29.82%	2.541%
4	7.187	690	697	706	rBV	882792	1339448	21.50%	1.832%
5	7.386	723	731	741	rBV	1151169	1831720	29.41%	2.506%
6	7.851	803	810	819	rBV	1349922	2116349	33.98%	2.895%
7	8.557	922	930	938	rBV	1459197	2298850	36.91%	3.145%
8	9.010	998	1007	1016	rBV	1042512	1785075	28.66%	2.442%
9	9.728	1121	1129	1140	rBV	904760	1503750	24.14%	2.057%
10	10.269	1212	1221	1229	rBV	1393512	2352717	37.77%	3.219%
11	10.645	1277	1285	1294	rBV	1722169	2886288	46.34%	3.949%
12	10.780	1297	1308	1318	rBV	1284260	2218204	35.61%	3.035%
13	13.892	1831	1837	1841	rBV	2426203	3236123	51.96%	4.427%
14	13.939	1841	1845	1853	rVB	762017	1061915	17.05%	1.453%
15	14.180	1879	1886	1892	rBV	2671842	4028188	64.67%	5.511%
16	14.486	1930	1938	1948	rBV2	2531580	3795510	60.94%	5.192%
17	14.686	1963	1972	1991	rBV	779450	1233244	19.80%	1.687%
18	14.904	2002	2009	2014	rBV3	61093	100806	1.62%	0.138%
19	15.304	2070	2077	2080	rBV2	55718	103999	1.67%	0.142%
20	15.339	2080	2083	2088	rVB	66653	85537	1.37%	0.117%
21	15.480	2100	2107	2114	rVB	3436027	4844671	77.78%	6.628%
22	15.604	2122	2128	2137	rBV	628189	907113	14.56%	1.241%
23	15.715	2142	2147	2156	rVB6	52850	106972	1.72%	0.146%
24	16.198	2225	2229	2233	rBV	68767	93700	1.50%	0.128%
25	16.986	2359	2363	2367	rBV2	43077	66999	1.08%	0.092%
26	17.227	2398	2404	2410	rBV2	3063321	4221392	67.77%	5.775%
27	17.327	2414	2421	2429	rBV2	3429465	4898912	78.65%	6.702%
28	17.609	2464	2469	2474	rBV3	86750	119597	1.92%	0.164%
29	17.898	2514	2518	2522	rBV	53022	64969	1.04%	0.089%
30	18.115	2548	2555	2564	rBV	394249	662359	10.63%	0.906%
31	18.192	2565	2568	2572	rVB	41297	65704	1.05%	0.090%
32	19.068	2714	2717	2721	rVB2	110427	116045	1.86%	0.159%
33	19.250	2744	2748	2751	rBV	82321	121647	1.95%	0.166%
34	19.397	2768	2773	2778	rBV	243572	386155	6.20%	0.528%

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35	19.615	2804	2810	2815	rBV	4017543	5414869	86.94%	7.408%
36	21.109	3060	3064	3070	rBV3	432333	636244	10.21%	0.870%
37	21.397	3109	3113	3118	rBV	3851360	4927588	79.11%	6.741%
38	23.550	3474	3479	3491	rVB2	3295274	6228640	100.00%	8.521%
39	23.697	3498	3504	3513	rVB	2721344	5183027	83.21%	7.091%

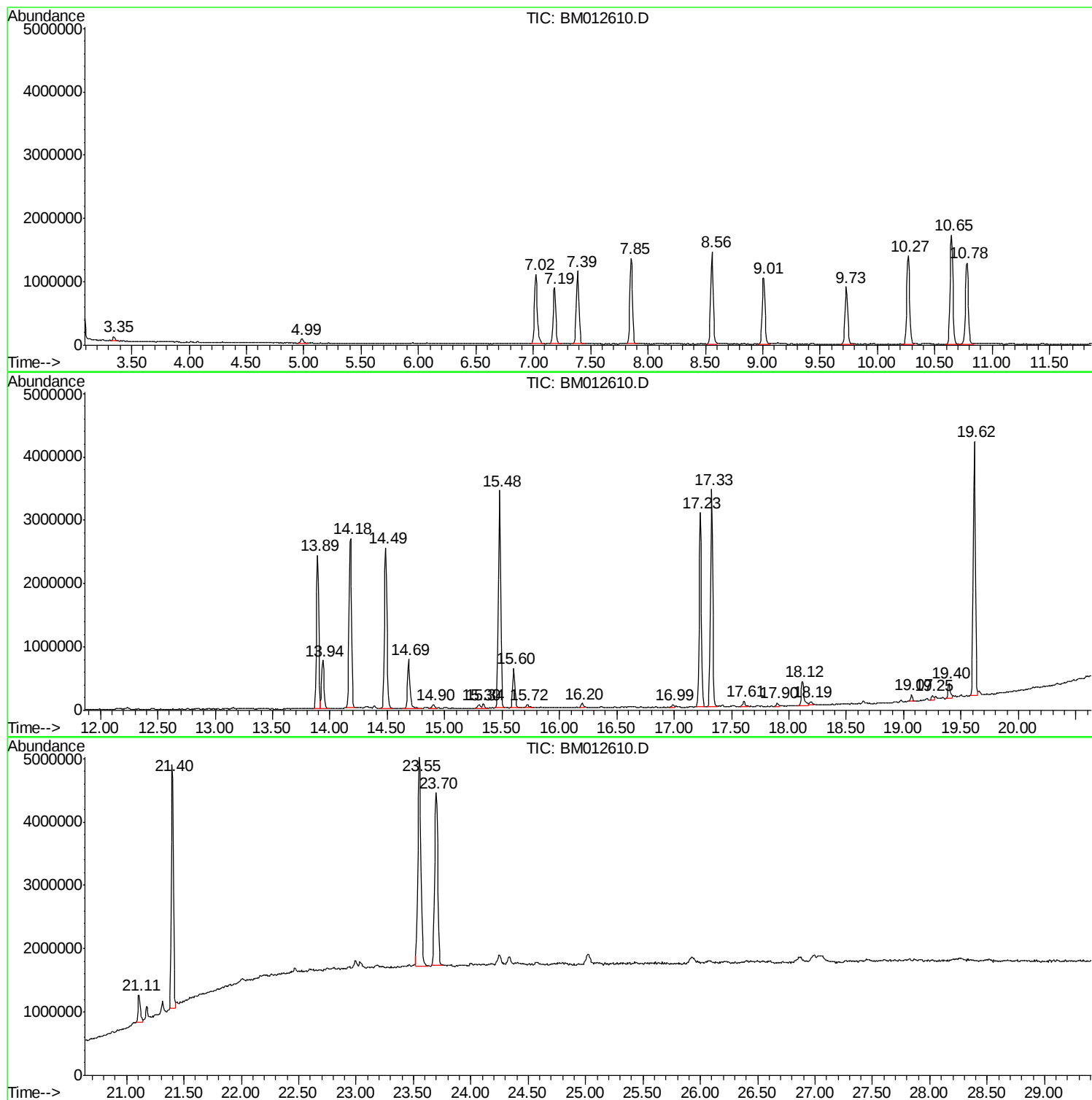
Sum of corrected areas: 73097158

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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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



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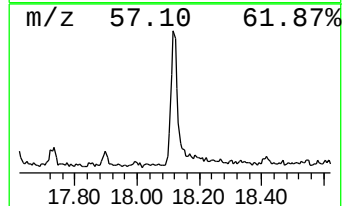
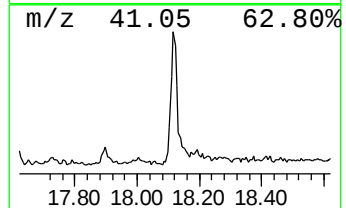
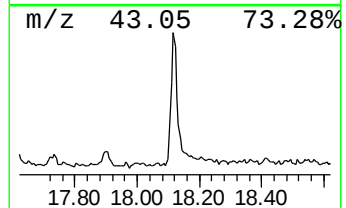
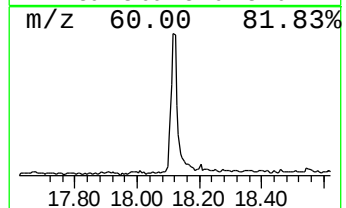
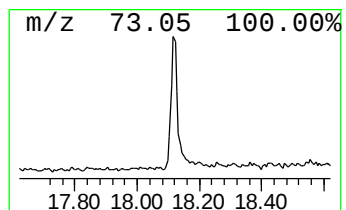
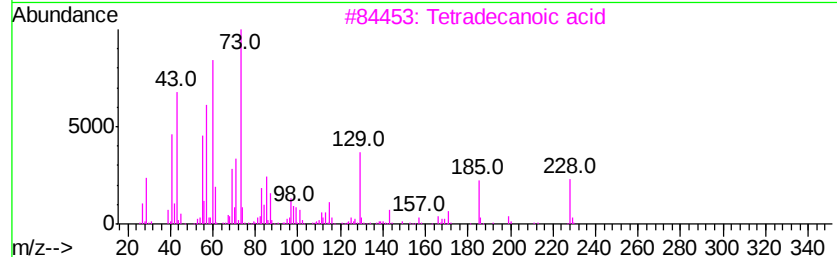
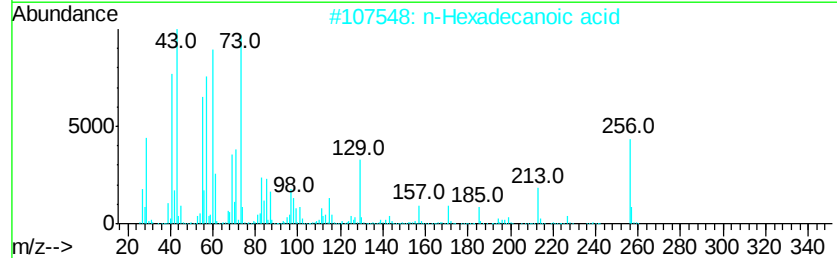
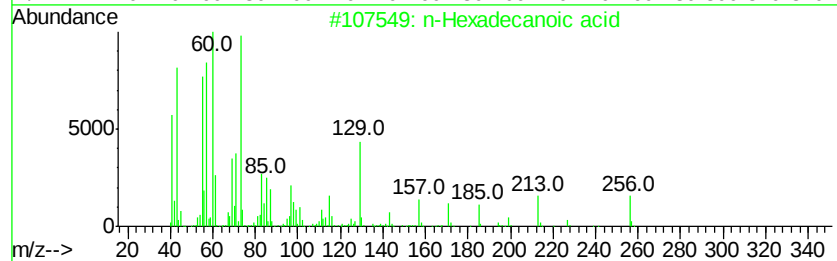
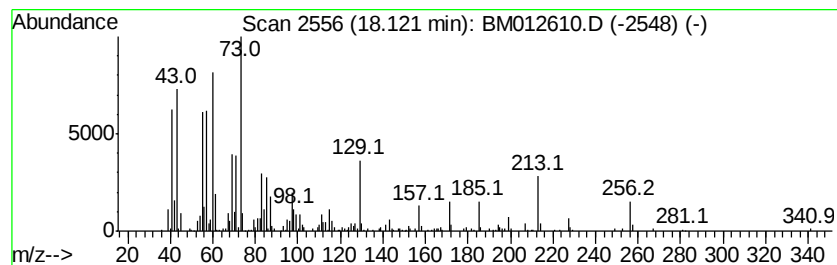
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Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.12	3.14 ng/ul	662359	Phenanthrene-d10		17.23	
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	94
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	91
5		Tridecanoic acid	214	C13H26O2	000638-53-9	90



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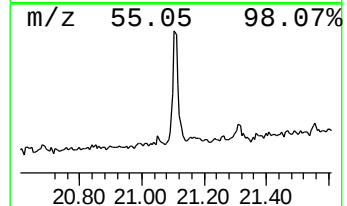
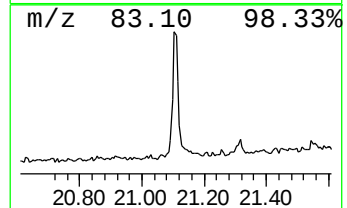
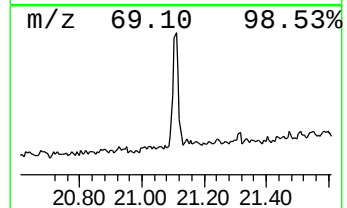
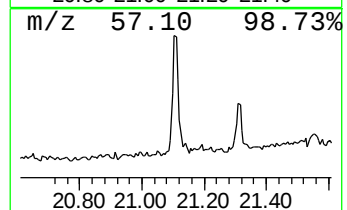
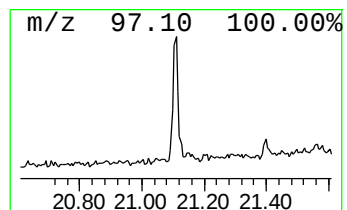
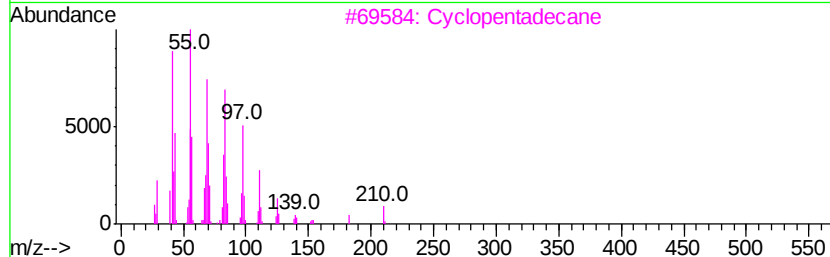
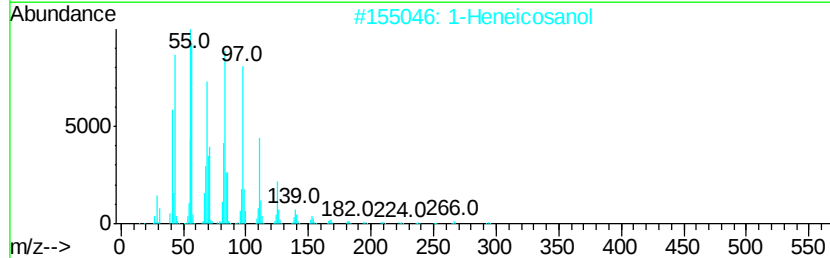
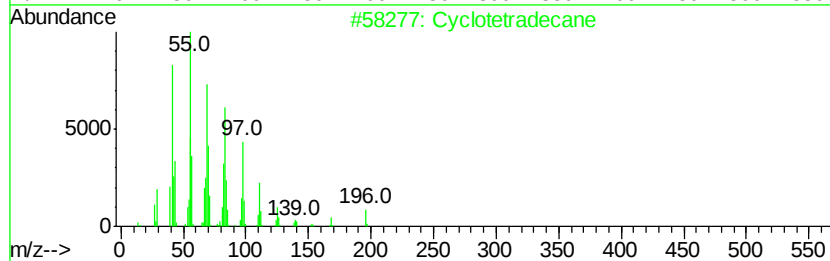
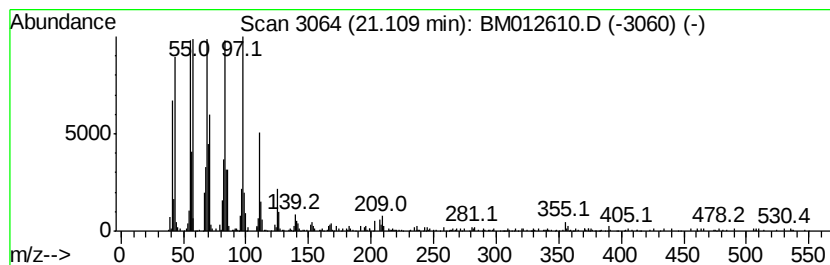
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Peak Number 2 (DEL) Alkane: Cyclic21.11 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.11	2.58 ng/ul	636244	Chrysene-d12	21.40
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclotetradecane	196 C14H28	000295-17-0 97
2		1-Heneicosanol	312 C21H44O	015594-90-8 95
3		Cyclopentadecane	210 C15H30	000295-48-7 95
4		Pentafluoropropionic acid, penta...	374 C18H31F5O2	959092-08-1 94
5		n-Nonadecanol-1	284 C19H40O	001454-84-8 94



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.12	3.1	ng/ul	662359	4	17.23	4221390	20.0
(DEL) Alkane: Cyc...	21.11	2.6	ng/ul	636244	5	21.40	4927590	20.0