

Data Path : Z:\HPCHEM1\BNA M\Data\BM121217\
 Data File : BM013336.D
 Acq On : 12 Dec 2017 12:45
 Operator : SJ/JU
 Sample : I6775-13
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9A25

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	658	rVB2	846876	1502362	24.87%	2.616%
2	7.028	664	670	677	rBV	637901	952691	15.77%	1.659%
3	7.222	697	703	710	rBV	861522	1320799	21.86%	2.300%
4	7.687	775	782	790	rVB	648518	1016542	16.83%	1.770%
5	8.393	895	902	913	rBV	1068398	1750172	28.97%	3.047%
6	8.840	971	978	987	rBV	890419	1435469	23.76%	2.499%
7	8.969	993	1000	1005	rBV3	46804	80876	1.34%	0.141%
8	9.557	1092	1100	1107	rBV	780567	1274936	21.10%	2.220%
9	10.092	1184	1191	1204	rBV	1123027	1891844	31.32%	3.294%
10	10.469	1247	1255	1262	rBV	874733	1488533	24.64%	2.592%
11	10.610	1271	1279	1293	rVB	1065493	1819501	30.12%	3.168%
12	13.745	1805	1812	1816	rBV	2268150	3076322	50.92%	5.356%
13	13.792	1816	1820	1828	rVB	380601	552424	9.14%	0.962%
14	14.022	1851	1859	1867	rVB	2471659	3550341	58.77%	6.182%
15	14.233	1890	1895	1900	rBV	95171	122891	2.03%	0.214%
16	14.328	1902	1911	1919	rBV2	1329027	2087453	34.55%	3.635%
17	14.539	1941	1947	1964	rBV	993861	1615635	26.74%	2.813%
18	15.139	2044	2049	2054	rBV	52233	79739	1.32%	0.139%
19	15.192	2054	2058	2062	rVB	120782	147635	2.44%	0.257%
20	15.327	2074	2081	2087	rBV	3110888	4332634	71.72%	7.544%
21	15.451	2096	2102	2113	rBV	894218	1249950	20.69%	2.176%
22	15.563	2117	2121	2124	rBV3	44179	68382	1.13%	0.119%
23	16.057	2200	2205	2213	rBV	107654	182451	3.02%	0.318%
24	16.845	2335	2339	2344	rBV3	76062	108627	1.80%	0.189%
25	17.080	2372	2379	2384	rBV2	1853160	2659180	44.02%	4.630%
26	17.180	2389	2396	2406	rVB	3437795	5007445	82.89%	8.719%
27	17.586	2460	2465	2470	rBV4	59961	77732	1.29%	0.135%
28	17.980	2528	2532	2539	rBV	235699	330114	5.46%	0.575%
29	19.110	2719	2724	2727	rBV	53761	82750	1.37%	0.144%
30	19.262	2747	2750	2760	rBV4	79517	117912	1.95%	0.205%
31	19.474	2780	2786	2793	rBV	4431872	6041328	100.00%	10.519%
32	20.986	3039	3043	3052	rBV2	224561	330274	5.47%	0.575%
33	21.268	3086	3091	3101	rBV	2593743	3188285	52.77%	5.551%
34	23.356	3439	3446	3457	rVB2	2768982	5311072	87.91%	9.248%

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35	23.498	3463	3470	3478	rVB	1381885	2577762	42.67%	4.488%
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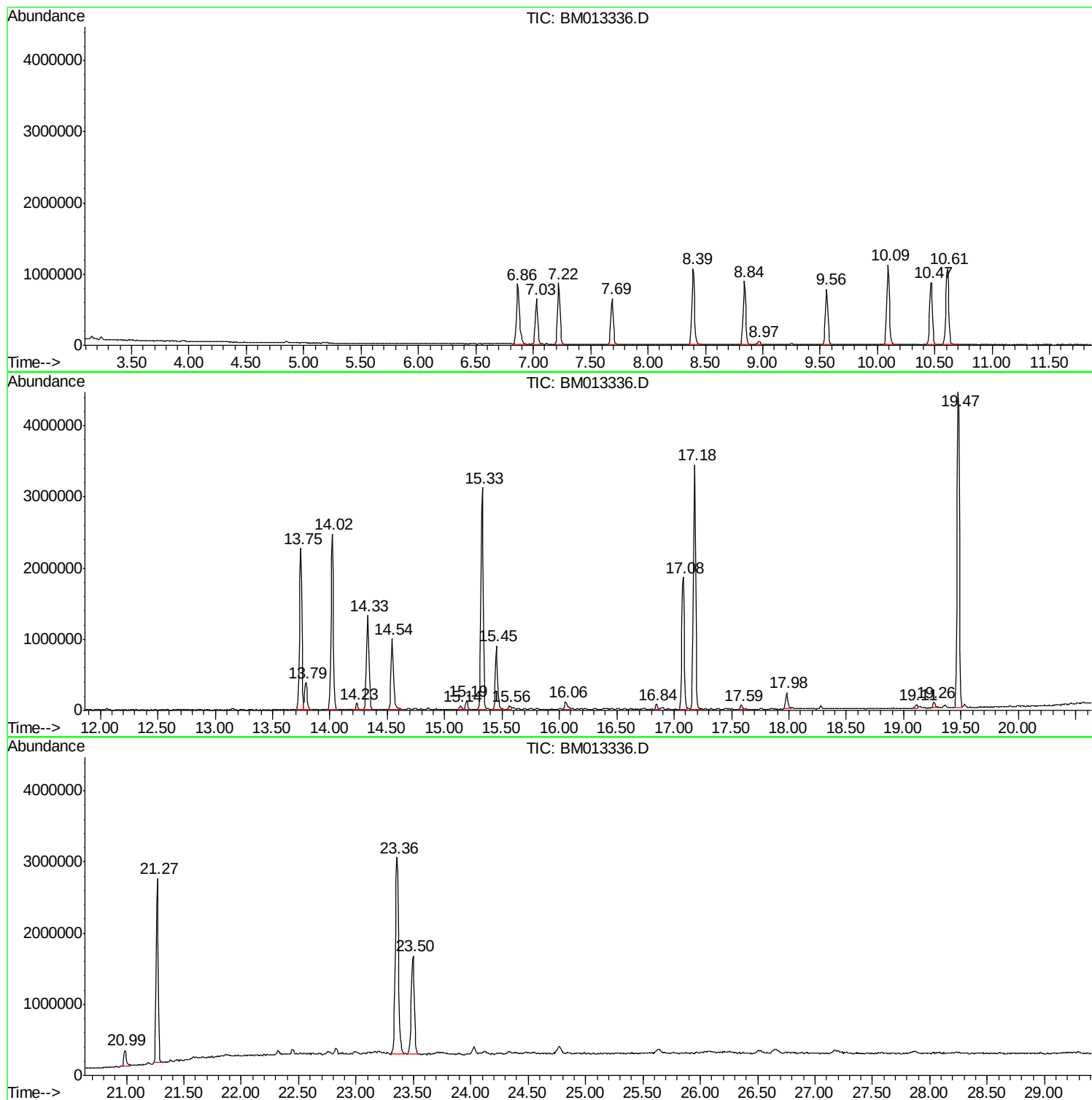
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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



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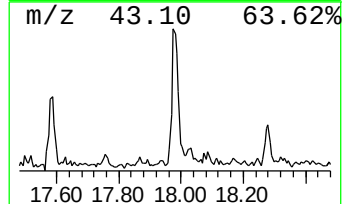
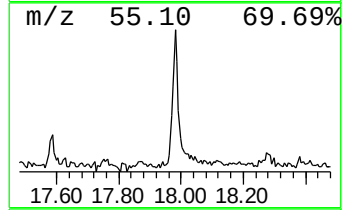
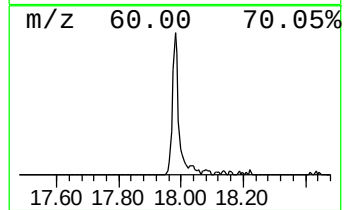
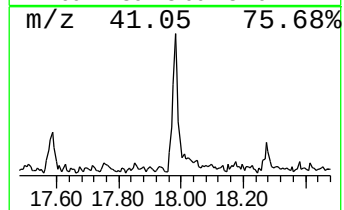
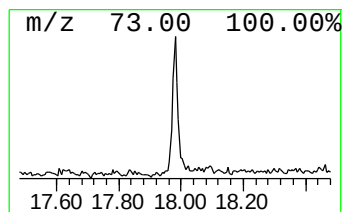
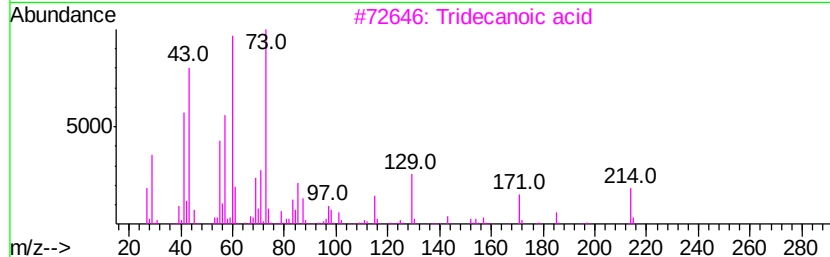
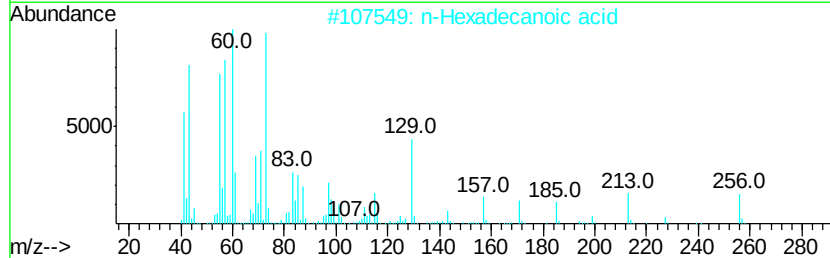
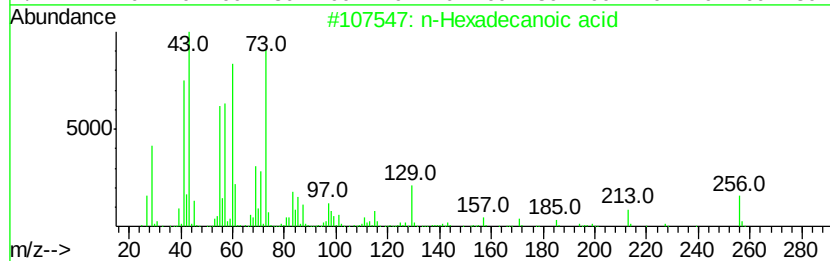
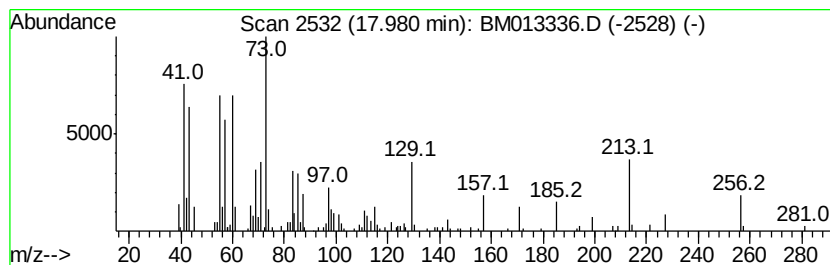
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Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.98	2.48 ng/ul	330114	Phenanthrene-d10	17.08	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	70
3	Tridecanoic acid	214	C13H26O2	000638-53-9	62
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	53
5	Tridecanoic acid	214	C13H26O2	000638-53-9	53



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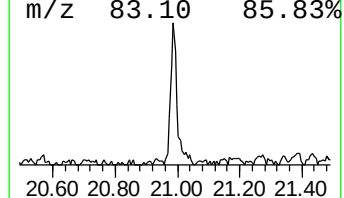
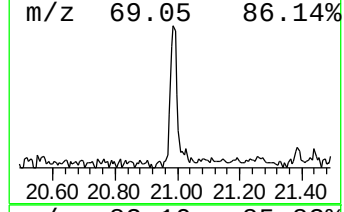
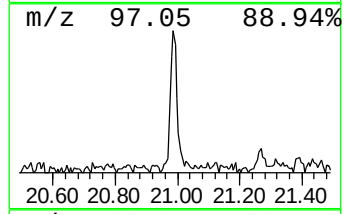
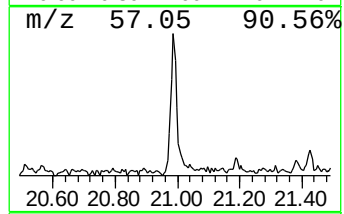
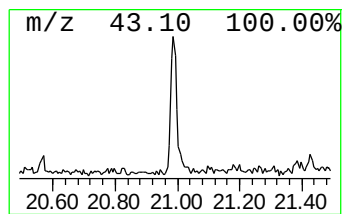
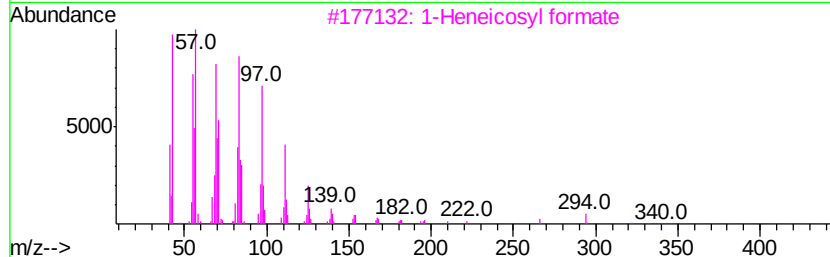
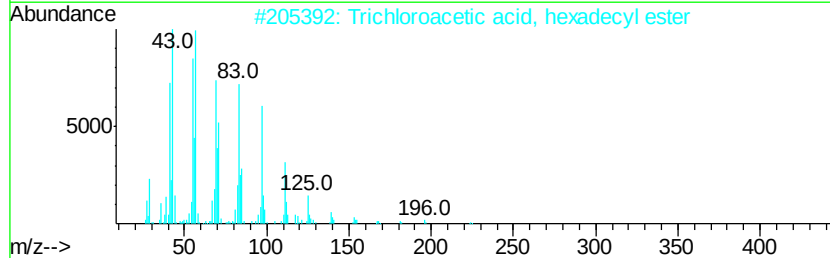
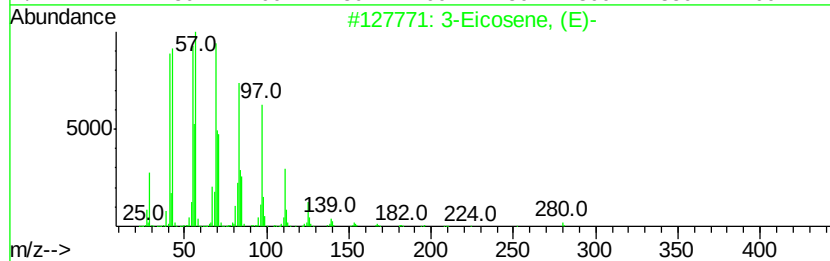
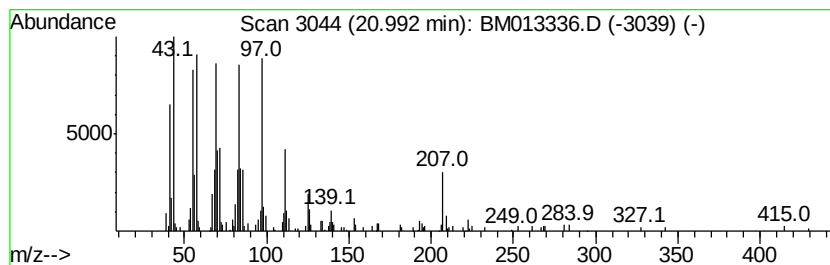
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Peak Number 2 (DEL) Alkane: Cyclic20.99 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.99	2.07 ng/ul	330274	Chrysene-d12	21.27
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	3-Eicosene, (E)-		280 C20H40	074685-33-9 96
2	Trichloroacetic acid, hexadecyl ...		386 C18H33Cl3O2	074339-54-1 94
3	1-Heneicosyl formate		340 C22H44O2	077899-03-7 94
4	n-Nonadecanol-1		284 C19H40O	001454-84-8 94
5	Heptafluorobutyric acid, n-tetra...		410 C18H29F7O2	007365-36-8 94



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.98	2.5	ng/ul	330114	4	17.08	2659180	20.0
(DEL) Alkane: Cyc...	20.99	2.1	ng/ul	330274	5	21.27	3188290	20.0