

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121517\
 Data File : BM013449.D
 Acq On : 15 Dec 2017 21:33
 Operator : SJ/JU
 Sample : I6778-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9A66

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	3.140	6	9	15	rVB3	54052	76566	1.99%	0.168%
2	3.222	21	23	29	rVB3	32946	38740	1.01%	0.085%
3	3.728	106	109	113	rVB4	33834	39896	1.04%	0.087%
4	6.851	634	640	652	rVB	547495	961988	25.01%	2.109%
5	7.016	662	668	678	rVB	448262	671573	17.46%	1.472%
6	7.210	692	701	709	rBV	578455	930565	24.19%	2.040%
7	7.675	773	780	788	rBV	873835	1369559	35.60%	3.003%
8	8.381	893	900	910	rBV	690764	1150157	29.90%	2.522%
9	8.828	969	976	983	rBV	597007	978848	25.44%	2.146%
10	9.545	1091	1098	1107	rBV	495699	836042	21.73%	1.833%
11	10.081	1181	1189	1199	rBV	715129	1245925	32.39%	2.731%
12	10.451	1244	1252	1261	rBV	1184711	1969390	51.19%	4.318%
13	10.598	1270	1277	1292	rBV2	306389	569346	14.80%	1.248%
14	13.733	1804	1810	1814	rBV	1415392	1953377	50.78%	4.282%
15	13.780	1814	1818	1827	rVB	475879	656635	17.07%	1.440%
16	14.010	1846	1857	1869	rBV	1472708	2274268	59.12%	4.986%
17	14.221	1887	1893	1898	rBV2	31487	42707	1.11%	0.094%
18	14.316	1902	1909	1917	rBV2	1707523	2661398	69.18%	5.835%
19	14.533	1937	1946	1960	rBV	451208	795649	20.68%	1.744%
20	15.180	2052	2056	2061	rVB2	48003	64383	1.67%	0.141%
21	15.315	2072	2079	2087	rBV	1925759	2754428	71.60%	6.039%
22	15.445	2095	2101	2110	rBV	510544	742001	19.29%	1.627%
23	16.045	2198	2203	2210	rBV3	50296	92894	2.41%	0.204%
24	16.833	2334	2337	2343	rBV3	38423	54976	1.43%	0.121%
25	17.068	2370	2377	2382	rBV2	2301083	3242851	84.30%	7.109%
26	17.109	2382	2384	2387	rVV	39602	41145	1.07%	0.090%
27	17.162	2387	2393	2405	rVB	1913483	2880479	74.88%	6.315%
28	17.745	2487	2492	2498	rBV3	35787	50661	1.32%	0.111%
29	17.968	2523	2530	2540	rBV2	224663	375466	9.76%	0.823%
30	18.139	2554	2559	2563	rBV7	24385	39145	1.02%	0.086%
31	18.268	2575	2581	2584	rBV3	34034	45097	1.17%	0.099%
32	18.833	2673	2677	2680	rBV6	28218	45131	1.17%	0.099%
33	18.903	2685	2689	2690	rVV2	29773	38751	1.01%	0.085%
34	18.927	2690	2693	2696	rVB4	70740	82100	2.13%	0.180%

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35	19.003	2703	2706	2713	rBV2	36497	66823	1.74%	0.146%
36	19.127	2719	2727	2736	rVB	504491	727917	18.92%	1.596%
37	19.256	2741	2749	2756	rBV6	134177	252668	6.57%	0.554%
38	19.462	2778	2784	2788	rBV	2357189	3458840	89.91%	7.583%
39	19.568	2800	2802	2809	rVB7	31953	45634	1.19%	0.100%
40	19.680	2816	2821	2827	rBV7	25268	58650	1.52%	0.129%
41	19.821	2840	2845	2849	rBV6	43974	83758	2.18%	0.184%
42	19.909	2857	2860	2864	rBV2	53766	56476	1.47%	0.124%
43	19.986	2871	2873	2877	rVB4	55328	67427	1.75%	0.148%
44	20.150	2896	2901	2905	rBV4	49726	89436	2.32%	0.196%
45	20.286	2921	2924	2928	rBV	39170	66620	1.73%	0.146%
46	20.333	2928	2932	2937	rVB6	54698	98912	2.57%	0.217%
47	20.450	2948	2952	2958	rVB	92299	119690	3.11%	0.262%
48	20.550	2966	2969	2973	rBV5	38158	52126	1.35%	0.114%
49	20.739	2998	3001	3005	rVB	57152	73330	1.91%	0.161%
50	20.897	3026	3028	3032	rVB4	38284	39397	1.02%	0.086%
51	20.945	3033	3036	3038	rBV3	46787	52026	1.35%	0.114%
52	20.974	3038	3041	3048	rVV3	494530	663763	17.25%	1.455%
53	21.256	3083	3089	3094	rBV	2780093	3846953	100.00%	8.434%
54	21.292	3094	3095	3101	rVB	232405	237133	6.16%	0.520%
55	21.862	3188	3192	3200	rVB10	71464	143185	3.72%	0.314%
56	22.815	3350	3354	3358	rBV2	186958	310619	8.07%	0.681%
57	23.338	3437	3443	3457	rVB2	1250475	2604746	67.71%	5.711%
58	23.480	3460	3467	3476	rVB	1413584	2624983	68.24%	5.755%

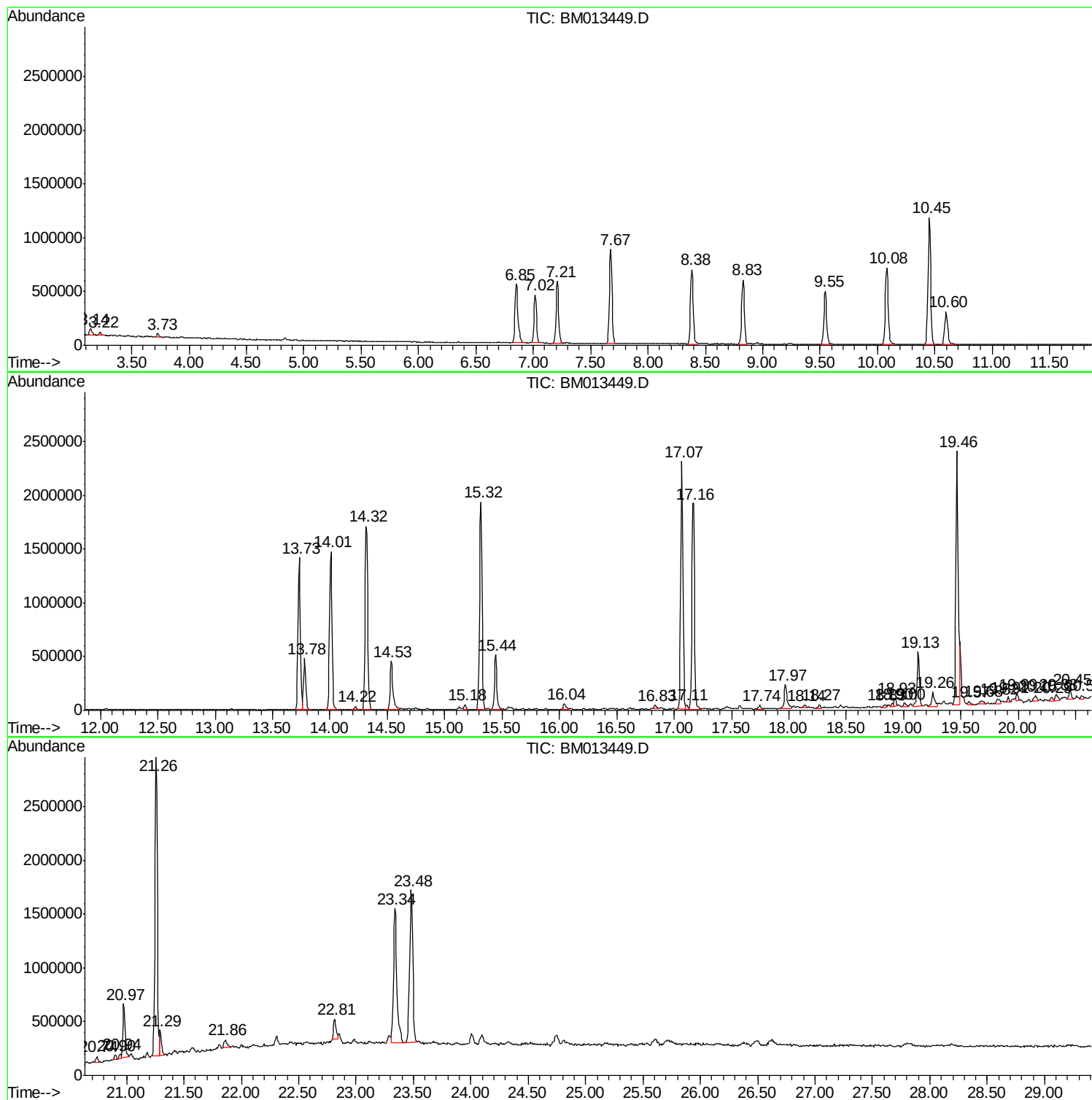
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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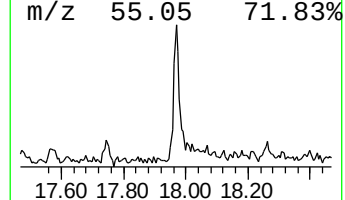
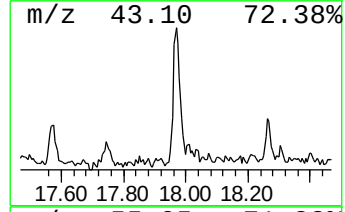
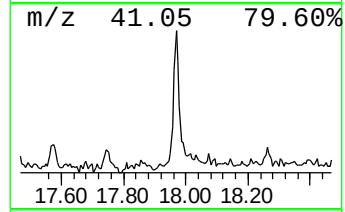
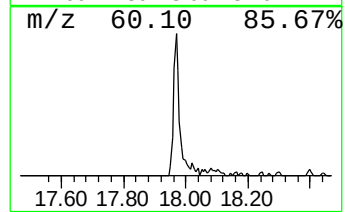
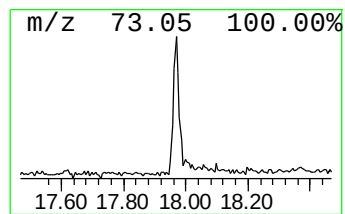
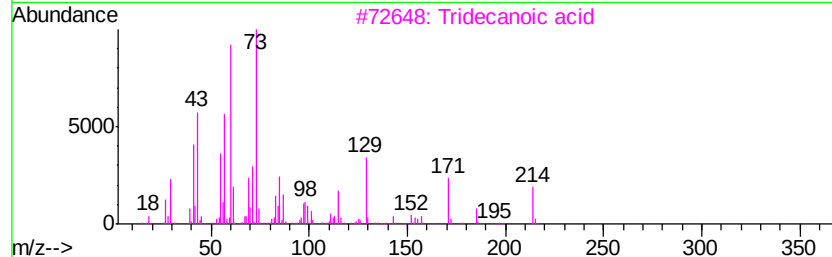
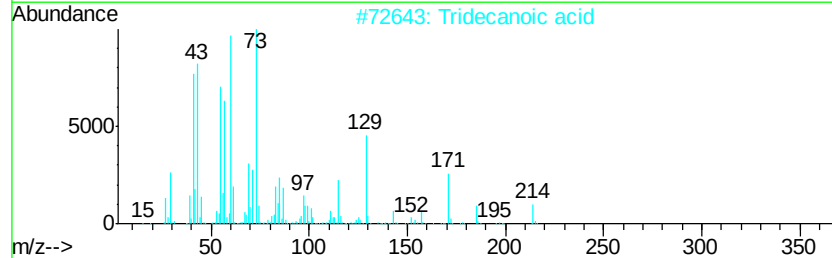
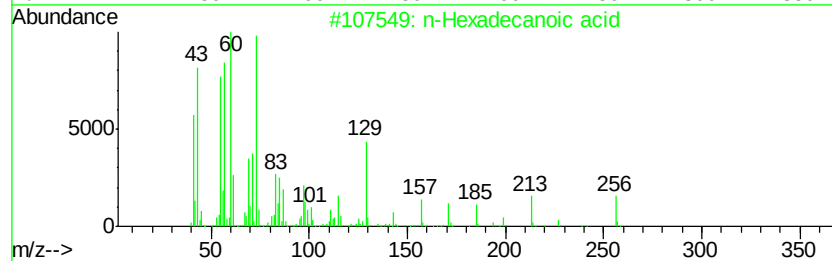
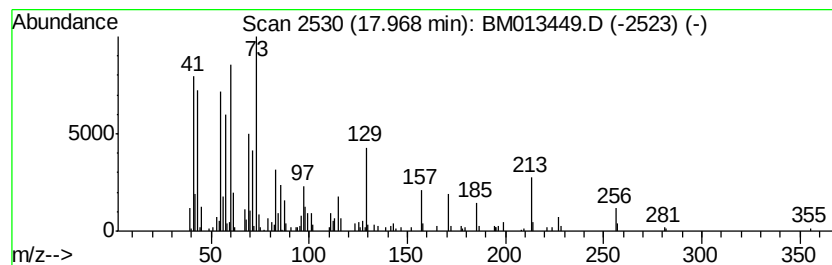
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.97	2.32 ng/ul	375466	Phenanthrene-d10	17.07
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		n-Hexadecanoic acid	256 C16H32O2	000057-10-3 97
2		Tridecanoic acid	214 C13H26O2	000638-53-9 94
3		Tridecanoic acid	214 C13H26O2	000638-53-9 89
4		Pentadecanoic acid	242 C15H30O2	001002-84-2 87
5		Octadecanoic acid	284 C18H36O2	000057-11-4 76



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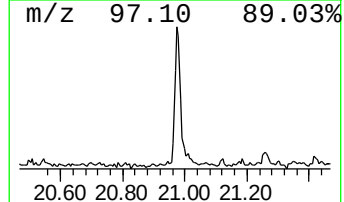
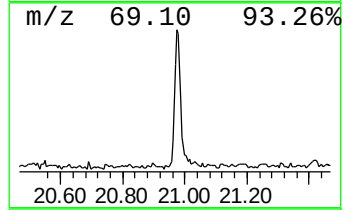
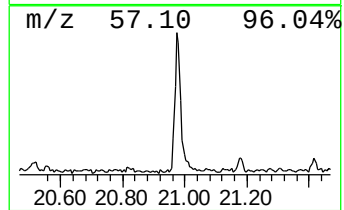
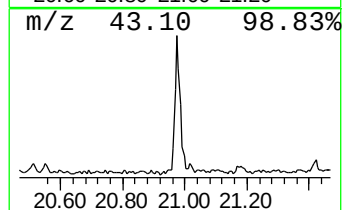
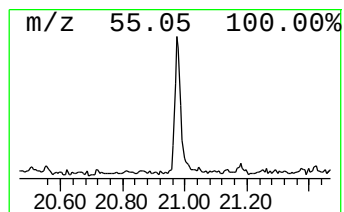
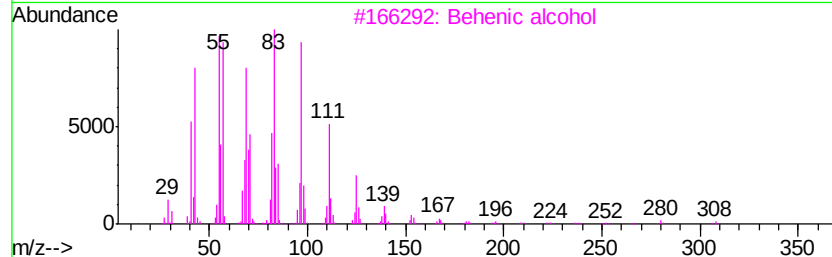
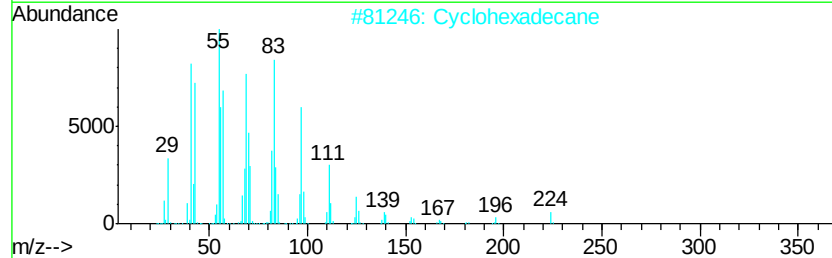
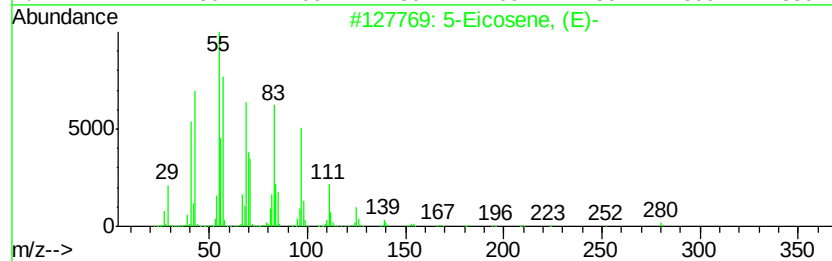
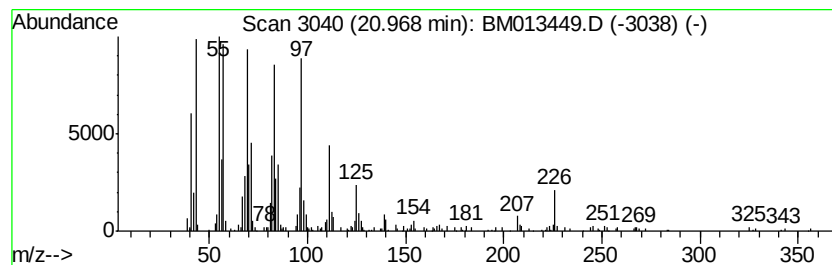
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Peak Number 2 (DEL) Alkane: Cyclic20.97 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.97	3.45 ng/ul	663763	Chrysene-d12	21.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Eicosene, (E)-	280	C20H40	074685-30-6	95
2		Cyclohexadecane	224	C16H32	000295-65-8	93
3		Behenic alcohol	326	C22H46O	000661-19-8	93
4		n-Tetracosanol-1	354	C24H50O	000506-51-4	93
5		Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	90



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.97	2.3	ng/ul	375466	4	17.07	3242850	20.0
(DEL) Alkane: Cyc...	20.97	3.5	ng/ul	663763	5	21.26	3846950	20.0