

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM120417\
 Data File : BM013173.D
 Acq On : 04 Dec 2017 18:59
 Operator : SJ/JU
 Sample : I6646-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0271

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	3.246	23	27	35	rVB2	35056	52986	1.04%	0.091%
2	6.881	638	645	657	rVB	690203	1188807	23.32%	2.037%
3	7.045	666	673	682	rBV	513568	811514	15.92%	1.391%
4	7.240	699	706	715	rBV	706339	1115580	21.88%	1.912%
5	7.704	778	785	792	rBV	1144696	1787658	35.06%	3.064%
6	8.410	897	905	916	rBV	872333	1386510	27.19%	2.376%
7	8.851	974	980	989	rVB	695989	1159152	22.73%	1.987%
8	9.569	1095	1102	1109	rBV	584396	956530	18.76%	1.639%
9	10.110	1186	1194	1208	rBV	869822	1481115	29.05%	2.538%
10	10.480	1250	1257	1266	rBV	1548067	2612141	51.23%	4.477%
11	10.622	1273	1281	1294	rBV	731639	1263195	24.78%	2.165%
12	13.169	1709	1714	1720	rVB2	48663	67865	1.33%	0.116%
13	13.757	1808	1814	1818	rBV	1631903	2230831	43.75%	3.823%
14	13.804	1818	1822	1826	rVB	230281	295209	5.79%	0.506%
15	14.033	1851	1861	1870	rBV	1848653	2704034	53.04%	4.634%
16	14.251	1893	1898	1904	rBV2	106088	140700	2.76%	0.241%
17	14.345	1906	1914	1921	rBV2	2275420	3562916	69.88%	6.106%
18	14.551	1943	1949	1959	rBV	631712	1002482	19.66%	1.718%
19	14.745	1979	1982	1990	rVB7	26317	57262	1.12%	0.098%
20	15.204	2057	2060	2065	rVB	114369	140671	2.76%	0.241%
21	15.339	2076	2083	2089	rBV	2228754	3182233	62.41%	5.454%
22	15.457	2096	2103	2111	rBV	596519	872490	17.11%	1.495%
23	15.610	2127	2129	2134	rVB2	44190	55064	1.08%	0.094%
24	16.068	2202	2207	2210	rBV2	108969	154503	3.03%	0.265%
25	16.745	2316	2322	2327	rVB	33259	53629	1.05%	0.092%
26	16.862	2335	2342	2345	rBV6	45554	72379	1.42%	0.124%
27	16.909	2345	2350	2360	rVB6	60628	121811	2.39%	0.209%
28	17.086	2374	2380	2385	rBV2	2936193	4304094	84.42%	7.377%
29	17.127	2385	2387	2392	rVV	411666	523587	10.27%	0.897%
30	17.186	2392	2397	2406	rVB	2551007	3512987	68.90%	6.021%
31	17.492	2445	2449	2457	rVB	40426	79298	1.56%	0.136%
32	17.962	2522	2529	2531	rBV2	75681	123341	2.42%	0.211%
33	17.992	2531	2534	2543	rVB2	281648	475979	9.34%	0.816%
34	18.145	2556	2560	2565	rBV3	113591	195215	3.83%	0.335%

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35	18.192	2565	2568	2574	rVB2	59998	80625	1.58%	0.138%
36	18.468	2610	2615	2618	rBV2	62623	98074	1.92%	0.168%
37	18.503	2618	2621	2626	rVB3	86419	117921	2.31%	0.202%
38	18.886	2679	2686	2690	rBV2	86184	153696	3.01%	0.263%
39	18.933	2691	2694	2699	rVB6	31606	51919	1.02%	0.089%
40	19.021	2705	2709	2716	rBV5	41907	85162	1.67%	0.146%
41	19.145	2722	2730	2737	rVB	663066	960052	18.83%	1.645%
42	19.274	2748	2752	2760	rBV2	293702	380870	7.47%	0.653%
43	19.480	2781	2787	2796	rBV2	2929300	4798287	94.11%	8.224%
44	19.586	2802	2805	2810	rVB5	44312	73360	1.44%	0.126%
45	19.680	2818	2821	2824	rBV5	31827	51021	1.00%	0.087%
46	19.839	2843	2848	2853	rBV7	48325	95090	1.87%	0.163%
47	20.003	2873	2876	2880	rVB3	75149	115457	2.26%	0.198%
48	20.103	2891	2893	2897	rVB	48221	53791	1.06%	0.092%
49	20.162	2900	2903	2907	rVB2	61656	84375	1.65%	0.145%
50	20.303	2924	2927	2931	rBV	69114	88469	1.74%	0.152%
51	20.350	2931	2935	2939	rVV2	55607	82983	1.63%	0.142%
52	20.750	3001	3003	3010	rVB2	62035	82708	1.62%	0.142%
53	20.997	3041	3045	3050	rBV3	312534	434903	8.53%	0.745%
54	21.274	3085	3092	3096	rBV	3715735	5098555	100.00%	8.738%
55	21.309	3096	3098	3107	rVB	286880	312903	6.14%	0.536%
56	21.874	3190	3194	3199	rBV6	101846	166621	3.27%	0.286%
57	22.833	3353	3357	3370	rVB	350404	746493	14.64%	1.279%
58	23.356	3440	3446	3451	rBV2	1425020	2681410	52.59%	4.596%
59	23.497	3464	3470	3477	rVB	1759400	3280186	64.34%	5.622%
60	24.038	3558	3562	3570	rVB5	221069	427805	8.39%	0.733%

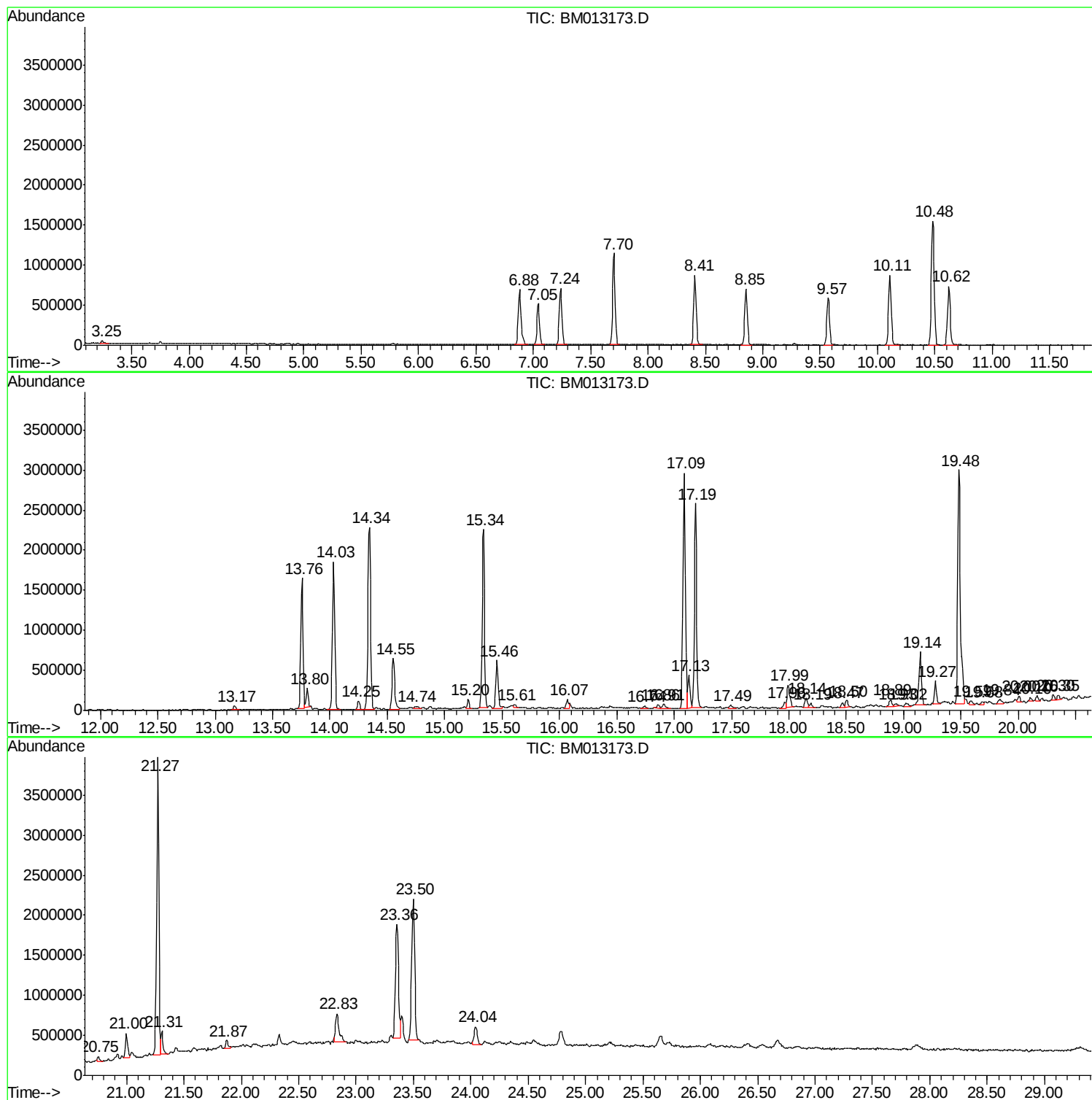
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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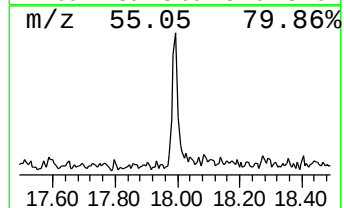
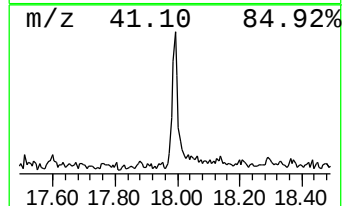
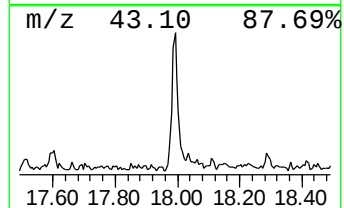
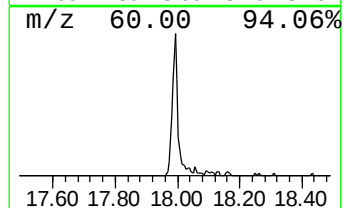
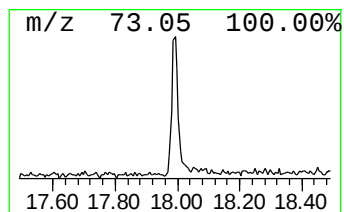
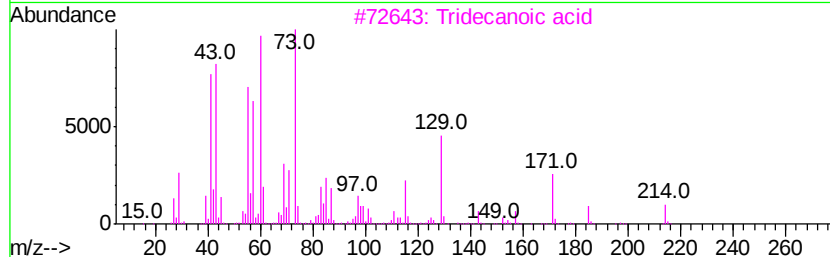
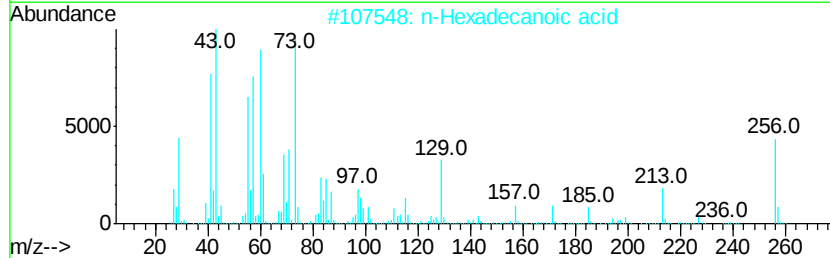
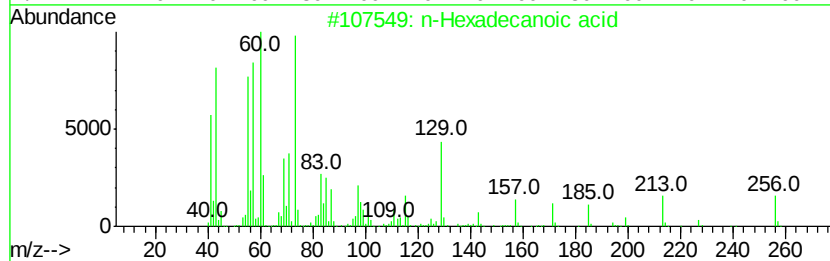
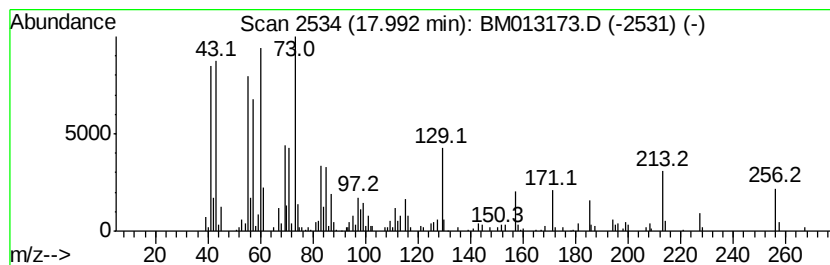
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.99	2.21 ng/ul	475979	Phenanthrene-d10	17.09

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3		Tridecanoic acid	214	C13H26O2	000638-53-9	86
4		Tridecanoic acid	214	C13H26O2	000638-53-9	70
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	68



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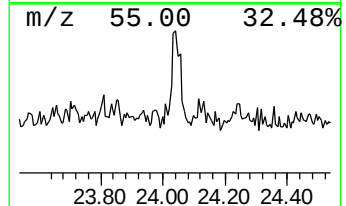
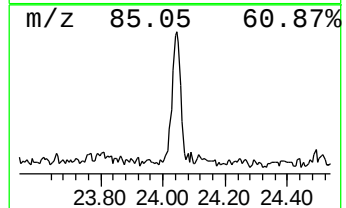
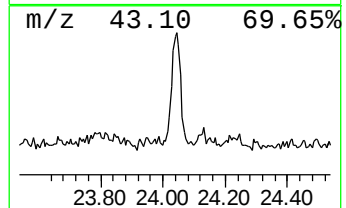
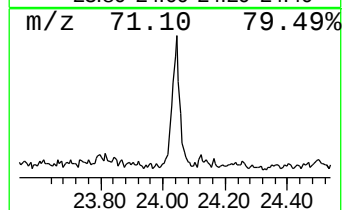
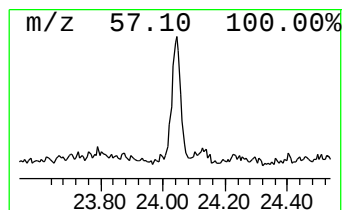
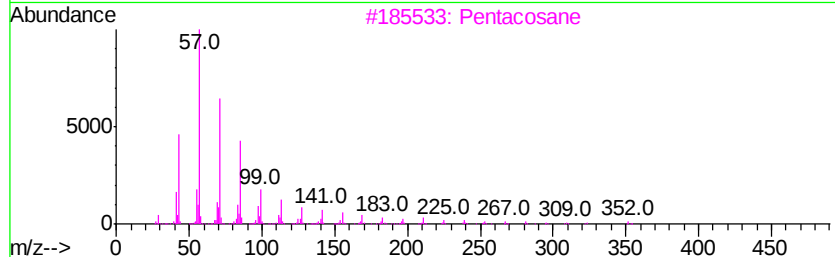
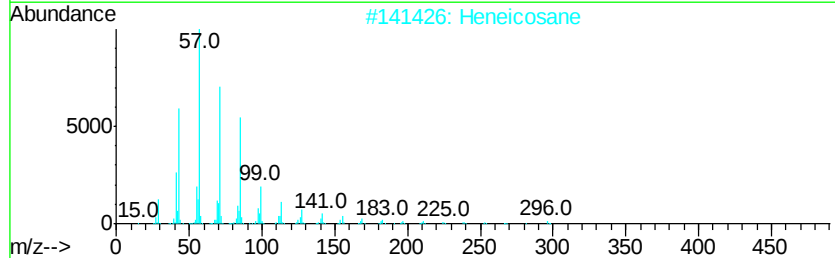
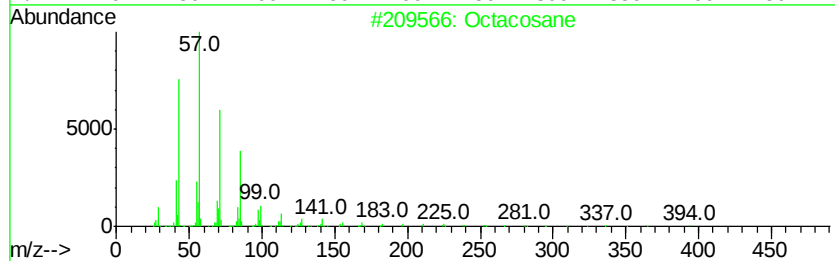
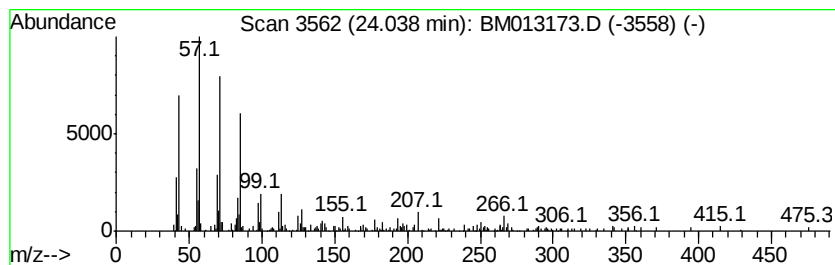
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Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.04	2.61 ng/ul	427805	Perylene-d12	23.50

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octacosane	394	C28H58	000630-02-4	90
2			Heneicosane	296	C21H44	000629-94-7	90
3			Pentacosane	352	C25H52	000629-99-2	90
4			Hentriacontane	437	C31H64	000630-04-6	83
5			2-methyloctacosane	408	C29H60	1000376-72-8	74



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.99	2.2	ng/ul	475979	4	17.09	4304090	20.0
(DEL) Alkane: Str...	24.04	2.6	ng/ul	427805	6	23.50	3280190	20.0