

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122719\
 Data File : BM024335.D
 Acq On : 27 Dec 2019 20:19
 Operator : JU
 Sample : K6280-14
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFF36

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0.1 % 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:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.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	2.987	14	17	31	rVB	63513	120598	2.53%	0.245%
2	3.675	132	134	140	rVB4	10787	14561	0.31%	0.030%
3	6.622	629	635	649	rVB2	219789	451568	9.46%	0.918%
4	6.769	654	660	677	rBV	613259	1025114	21.48%	2.084%
5	6.957	684	692	706	rBV	710544	1229361	25.77%	2.499%
6	7.416	762	770	778	rBV	763234	1262753	26.47%	2.567%
7	7.487	781	782	789	rVV6	8741	15879	0.33%	0.032%
8	8.140	887	893	910	rBV	603590	1089012	22.82%	2.214%
9	8.434	938	943	946	rVB5	3219	4845	0.10%	0.010%
10	8.504	949	955	957	rBV5	7240	10962	0.23%	0.022%
11	8.569	960	966	977	rBV	742540	1281068	26.85%	2.604%
12	8.804	1002	1006	1011	rVB6	6869	11626	0.24%	0.024%
13	8.998	1034	1039	1044	rVV	19122	26776	0.56%	0.054%
14	9.287	1080	1088	1098	rBV	615895	1095712	22.96%	2.227%
15	9.610	1139	1143	1147	rBV7	3359	5453	0.11%	0.011%
16	9.828	1173	1180	1202	rBV	837624	1727621	36.21%	3.512%
17	10.181	1233	1240	1249	rBV	1111771	1814677	38.03%	3.689%
18	10.240	1249	1250	1258	rVB5	4845	8684	0.18%	0.018%
19	10.363	1265	1271	1282	rBV5	20570	53310	1.12%	0.108%
20	10.481	1285	1291	1293	rBV6	3961	7211	0.15%	0.015%
21	10.722	1328	1332	1336	rVV5	3725	7605	0.16%	0.015%
22	11.040	1382	1386	1390	rBV6	6586	8822	0.18%	0.018%
23	11.792	1509	1514	1519	rVV3	14076	24606	0.52%	0.050%
24	12.686	1663	1666	1671	rVB7	6591	7965	0.17%	0.016%
25	12.992	1709	1718	1722	rBV3	15482	27103	0.57%	0.055%
26	13.375	1779	1783	1787	rBV6	6416	10700	0.22%	0.022%
27	13.504	1799	1805	1811	rBV	1789905	2526957	52.96%	5.137%
28	13.551	1811	1813	1820	rVB	74369	103106	2.16%	0.210%
29	13.769	1842	1850	1863	rBV	2041848	3120245	65.40%	6.343%
30	13.957	1876	1882	1893	rBV2	79048	226529	4.75%	0.461%
31	14.080	1896	1903	1912	rVB	1549077	2334705	48.93%	4.746%
32	14.216	1922	1926	1930	rVB7	11649	15891	0.33%	0.032%
33	14.263	1930	1934	1936	rBV5	6520	8001	0.17%	0.016%
34	14.357	1945	1950	1962	rBV2	97886	266617	5.59%	0.542%

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35	14.628	1993	1996	2000	rBV5	11597	16284	0.34%	0.033%
36	14.698	2006	2008	2011	rVB4	7191	5343	0.11%	0.011%
37	14.757	2014	2018	2021	rVV4	33690	41824	0.88%	0.085%
38	14.792	2021	2024	2028	rVB5	13338	16736	0.35%	0.034%
39	14.857	2031	2035	2039	rBV	34503	48332	1.01%	0.098%
40	15.080	2067	2073	2088	rBV	2652031	3848091	80.65%	7.823%
41	15.239	2095	2100	2111	rBV	701149	1102918	23.12%	2.242%
42	15.327	2111	2115	2120	rVB3	35365	56658	1.19%	0.115%
43	15.616	2160	2164	2171	rBV7	27451	44779	0.94%	0.091%
44	15.839	2199	2202	2203	rBV2	7015	6520	0.14%	0.013%
45	15.863	2204	2206	2213	rVB6	11675	18038	0.38%	0.037%
46	15.969	2222	2224	2227	rVB4	8551	7294	0.15%	0.015%
47	16.163	2256	2257	2259	rBV2	6863	5639	0.12%	0.011%
48	16.621	2332	2335	2339	rBV5	39634	52391	1.10%	0.107%
49	16.727	2351	2353	2354	rBV2	8550	7538	0.16%	0.015%
50	16.839	2365	2372	2379	rBV	1886574	2646112	55.46%	5.379%
51	16.939	2382	2389	2400	rVV	2738984	3945135	82.68%	8.020%
52	17.521	2484	2488	2492	rBV2	96215	127668	2.68%	0.260%
53	17.763	2525	2529	2535	rBV	196187	299724	6.28%	0.609%
54	18.880	2716	2719	2722	rBV2	37509	51837	1.09%	0.105%
55	19.063	2746	2750	2755	rBV	96502	148414	3.11%	0.302%
56	19.245	2776	2781	2792	rBV	3263655	4499569	94.30%	9.147%
57	20.792	3040	3044	3050	rBV	642104	794635	16.65%	1.615%
58	21.051	3084	3088	3095	rBV	2251985	2910970	61.01%	5.918%
59	22.086	3261	3264	3268	rVB2	233900	271271	5.69%	0.551%
60	22.562	3342	3345	3349	rVB	261094	313084	6.56%	0.636%
61	23.045	3421	3427	3432	rBV	2668348	4771353	100.00%	9.700%
62	23.174	3443	3449	3458	rVB	1801106	3187697	66.81%	6.480%

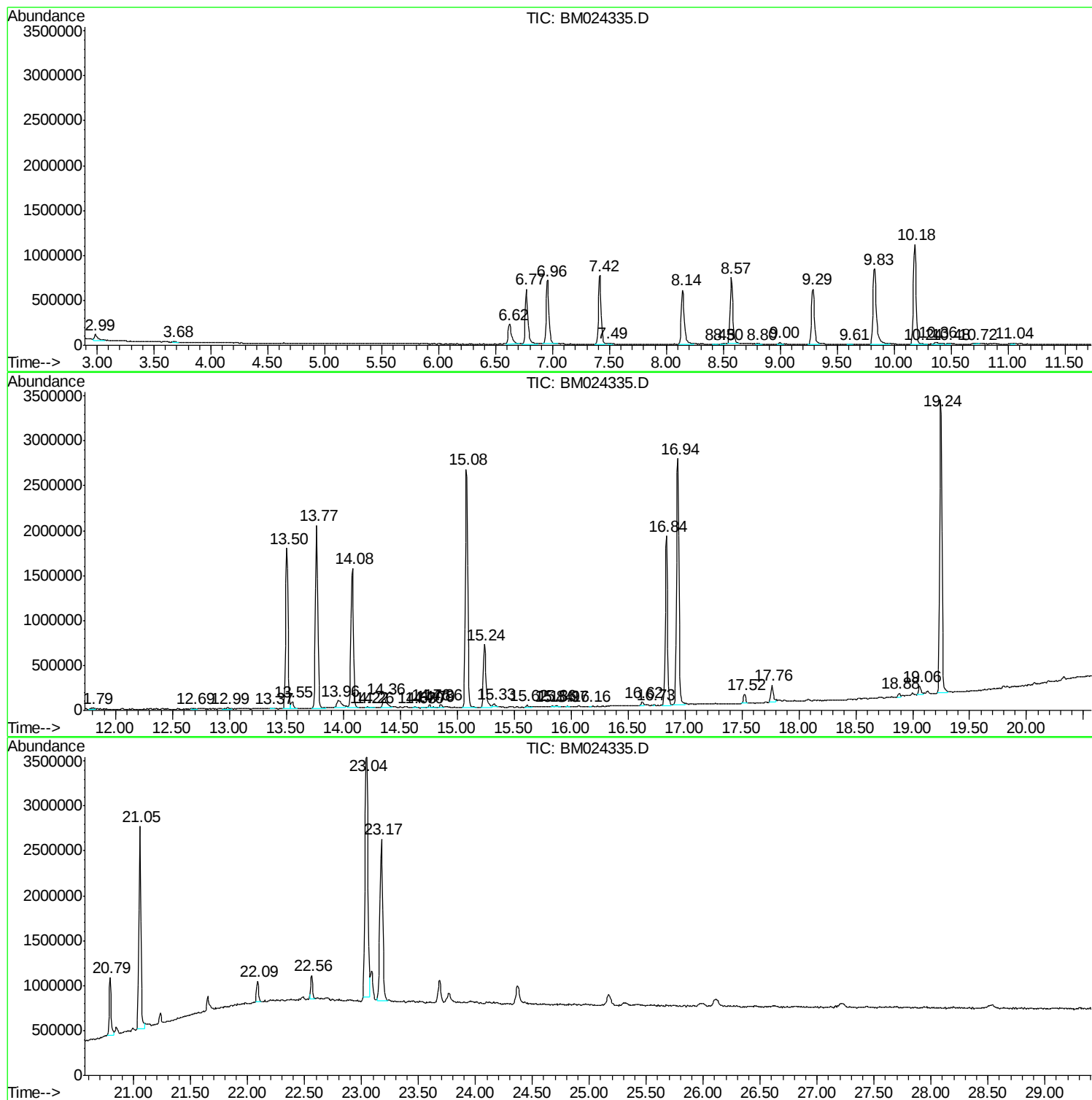
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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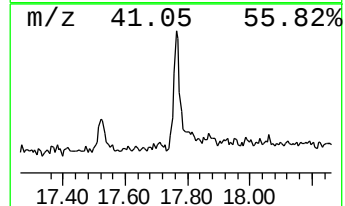
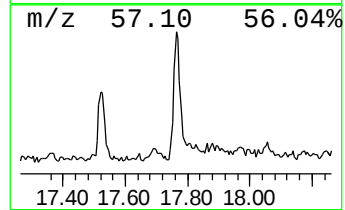
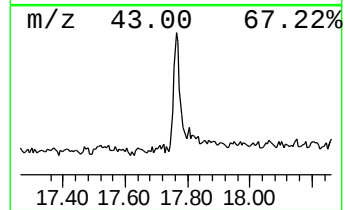
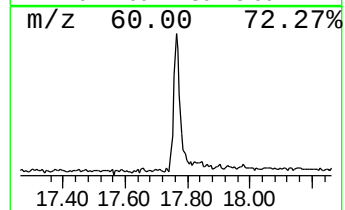
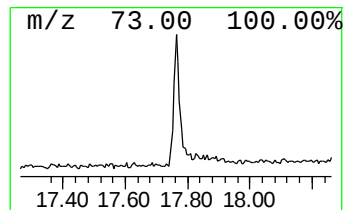
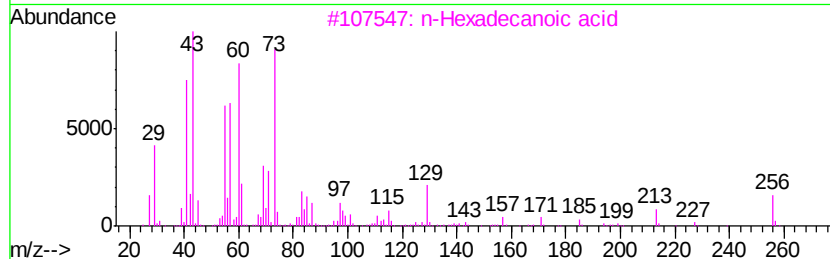
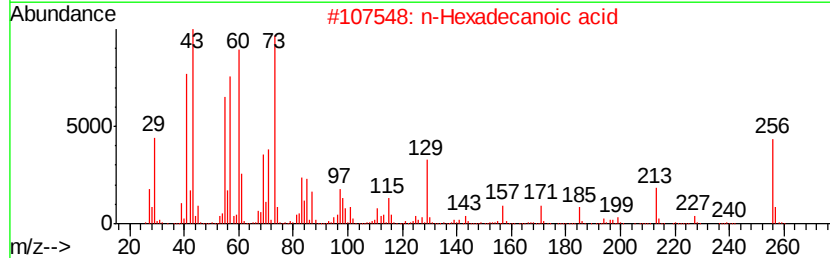
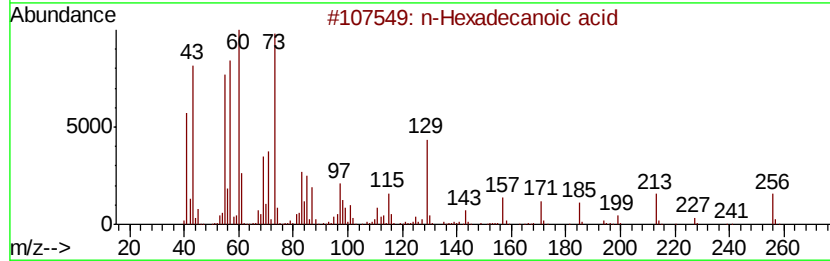
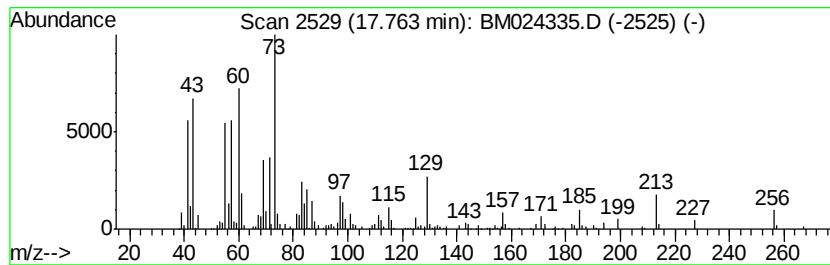
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.		
17.76	2.27 ng/ul	299724	Phenanthrene-d10		16.84		
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	98
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	68
5			Tridecanoic acid	214	C13H26O2	000638-53-9	59



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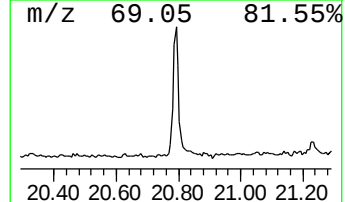
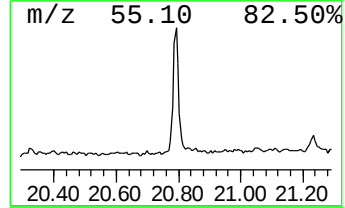
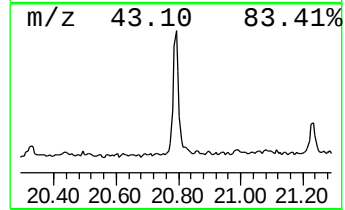
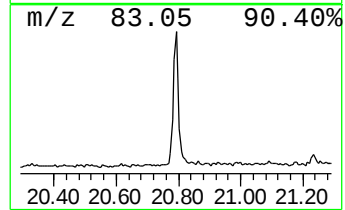
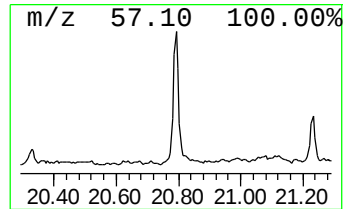
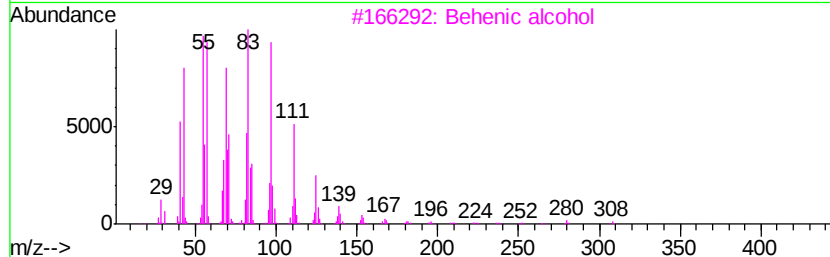
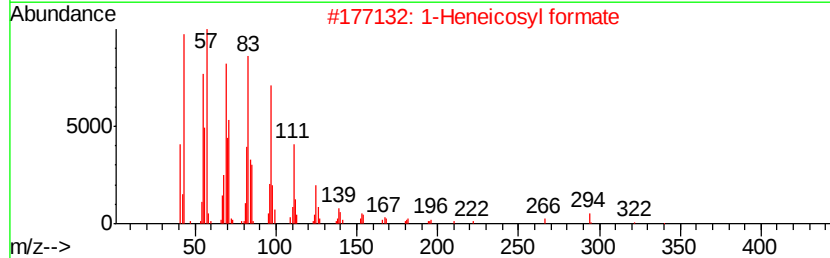
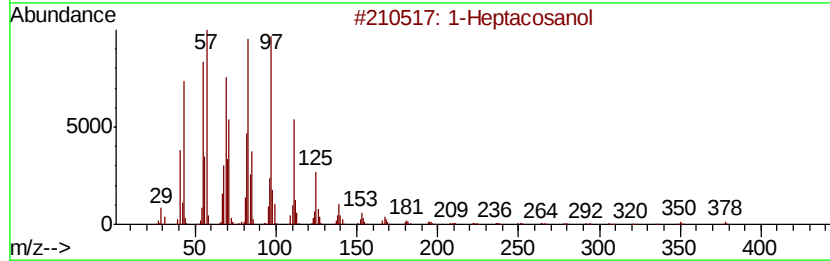
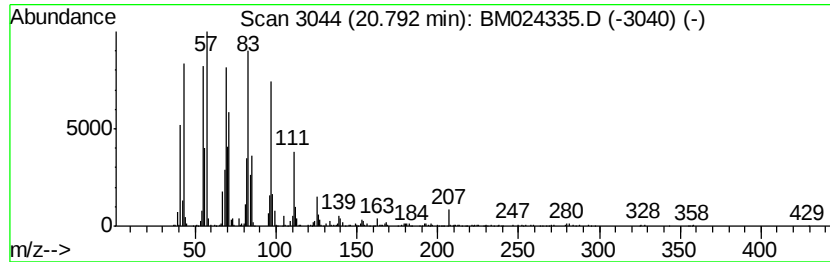
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Peak Number 2 1-Heptacosanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.79	5.46 ng/ul	794635	Chrysene-d12	21.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Heptacosanol	396	C27H56O	002004-39-9	93
2		1-Heneicosyl formate	340	C22H44O2	077899-03-7	91
3		Behenic alcohol	326	C22H46O	000661-19-8	91
4		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
5		Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	91



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.76	2.3	ng/ul	299724	4	16.84	2646110	20.0
1-Heptacosanol	20.79	5.5	ng/ul	794635	5	21.05	2910970	20.0