

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101216\
 Data File : BG024299.D
 Acq On : 12 Oct 2016 13:41
 Operator : UM/SJ
 Sample : H5145-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDN92

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.1
 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: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.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	3.643	134	137	149	rVB8	26252	59572	1.67%	0.134%
2	4.418	264	269	276	rVB8	21116	43813	1.23%	0.099%
3	4.471	276	278	281	rBV4	11906	13024	0.37%	0.029%
4	4.783	328	331	334	rBV4	8267	11712	0.33%	0.026%
5	4.965	359	362	365	rBV4	8560	14383	0.40%	0.032%
6	5.141	390	392	397	rBV6	7852	14452	0.41%	0.033%
7	5.288	413	417	420	rBV6	8166	12159	0.34%	0.027%
8	5.358	426	429	438	rVB6	14724	27971	0.79%	0.063%
9	6.105	553	556	562	rVV6	6696	13692	0.38%	0.031%
10	6.575	633	636	638	rBV4	10991	13661	0.38%	0.031%
11	7.162	734	736	739	rBV3	12389	11963	0.34%	0.027%
12	7.203	741	743	749	rVB6	9243	17837	0.50%	0.040%
13	7.415	772	779	792	rBV	496935	942722	26.48%	2.124%
14	7.603	803	811	820	rBV2	345593	589180	16.55%	1.328%
15	7.814	838	847	854	rVB	459179	794625	22.32%	1.791%
16	8.143	901	903	912	rVB8	7419	13326	0.37%	0.030%
17	8.290	919	928	938	rBV	508647	928903	26.09%	2.093%
18	8.666	985	992	994	rBV8	7113	14542	0.41%	0.033%
19	8.796	1011	1014	1018	rVB6	8680	13160	0.37%	0.030%
20	8.978	1036	1045	1056	rVB	607966	1083253	30.42%	2.441%
21	9.354	1105	1109	1114	rVV7	9226	13945	0.39%	0.031%
22	9.460	1118	1127	1134	rBV	496304	917941	25.78%	2.068%
23	9.518	1136	1137	1142	rVB4	22430	19870	0.56%	0.045%
24	9.583	1145	1148	1152	rBV6	11702	15327	0.43%	0.035%
25	9.812	1184	1187	1194	rVB7	16560	32394	0.91%	0.073%
26	9.912	1200	1204	1211	rVB7	7001	14774	0.41%	0.033%
27	10.000	1214	1219	1220	rBV4	7876	12701	0.36%	0.029%
28	10.065	1227	1230	1236	rVB7	8544	11727	0.33%	0.026%
29	10.123	1236	1240	1242	rBV4	10506	12697	0.36%	0.029%
30	10.188	1242	1251	1258	rVV2	428831	756461	21.24%	1.705%
31	10.306	1268	1271	1276	rBV6	8161	12669	0.36%	0.029%
32	10.441	1293	1294	1299	rVB3	9918	12125	0.34%	0.027%
33	10.723	1333	1342	1351	rVB	635935	1167967	32.80%	2.632%
34	10.823	1355	1359	1366	rVB8	9269	22724	0.64%	0.051%

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35	10.887	1366	1370	1372	rBV3	7790	12658	0.36%	0.029%
36	10.928	1372	1377	1381	rVB6	6245	11791	0.33%	0.027%
37	11.116	1397	1409	1420	rBV	744352	1402454	39.39%	3.160%
38	11.246	1421	1431	1441	rVB	619075	1161383	32.62%	2.617%
39	11.398	1451	1457	1459	rBV6	13044	27808	0.78%	0.063%
40	11.469	1466	1469	1475	rBV7	7149	14861	0.42%	0.033%
41	11.669	1501	1503	1509	rVB6	10410	16226	0.46%	0.037%
42	11.839	1529	1532	1539	rBV7	11896	27110	0.76%	0.061%
43	11.980	1553	1556	1561	rBV7	9789	15462	0.43%	0.035%
44	12.315	1607	1613	1614	rBV6	7346	12810	0.36%	0.029%
45	12.356	1617	1620	1623	rBV4	9928	11738	0.33%	0.026%
46	12.685	1670	1676	1680	rVV7	17759	36763	1.03%	0.083%
47	12.715	1680	1681	1688	rVV7	11802	14990	0.42%	0.034%
48	13.261	1770	1774	1778	rBV5	14594	22083	0.62%	0.050%
49	13.502	1813	1815	1821	rBV5	13776	22421	0.63%	0.051%
50	13.625	1834	1836	1841	rBV4	8420	13337	0.37%	0.030%
51	13.772	1856	1861	1866	rVB5	21902	45076	1.27%	0.102%
52	13.878	1877	1879	1883	rVB3	10297	11996	0.34%	0.027%
53	14.295	1940	1950	1955	rBV	1318943	2003828	56.28%	4.515%
54	14.342	1955	1958	1966	rVB	593480	844675	23.72%	1.903%
55	14.601	1993	2002	2011	rBV	1327728	2133389	59.91%	4.807%
56	14.759	2024	2029	2036	rVB4	32070	56884	1.60%	0.128%
57	14.906	2045	2054	2062	rVB	1341069	2170460	60.96%	4.891%
58	15.065	2073	2081	2091	rBV	651661	1037960	29.15%	2.339%
59	15.200	2102	2104	2107	rBV4	13275	17029	0.48%	0.038%
60	15.264	2112	2115	2120	rVB7	11662	19067	0.54%	0.043%
61	15.311	2120	2123	2128	rVB7	11767	15037	0.42%	0.034%
62	15.358	2128	2131	2138	rBV8	12374	22504	0.63%	0.051%
63	15.447	2141	2146	2150	rVB7	16105	18313	0.51%	0.041%
64	15.594	2169	2171	2179	rVB8	12213	17295	0.49%	0.039%
65	15.670	2179	2184	2186	rBV5	15297	23517	0.66%	0.053%
66	15.705	2186	2190	2195	rVB2	85262	115261	3.24%	0.260%
67	15.887	2213	2221	2232	rBV	1806801	2904582	81.57%	6.545%
68	15.987	2232	2238	2246	rVB	588031	902452	25.34%	2.033%
69	16.116	2250	2260	2271	rVV	44471	147379	4.14%	0.332%
70	16.205	2271	2275	2279	rVB5	17283	24004	0.67%	0.054%
71	16.257	2281	2284	2290	rBV7	17921	29534	0.83%	0.067%

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72	16.328	2292	2296	2303	rVB7	18025	23598	0.66%	0.053%
73	16.410	2308	2310	2312	rBV3	12110	12649	0.36%	0.029%
74	16.451	2314	2317	2324	rVB8	13383	25697	0.72%	0.058%
75	16.563	2331	2336	2346	rBV	112552	198864	5.58%	0.448%
76	16.839	2376	2383	2390	rBV	15742	45885	1.29%	0.103%
77	16.910	2390	2395	2402	rBV10	20271	45882	1.29%	0.103%
78	17.004	2407	2411	2417	rVB9	19201	42400	1.19%	0.096%
79	17.068	2419	2422	2430	rVB8	18019	24185	0.68%	0.054%
80	17.227	2446	2449	2453	rBV4	11162	13837	0.39%	0.031%
81	17.362	2466	2472	2477	rBV2	86904	132820	3.73%	0.299%
82	17.409	2477	2480	2488	rVB7	28063	55951	1.57%	0.126%
83	17.644	2511	2520	2528	rBV2	1612365	2613347	73.39%	5.889%
84	17.744	2529	2537	2554	rVB2	1957763	3161266	88.78%	7.123%
85	17.991	2571	2579	2582	rBV9	21233	42743	1.20%	0.096%
86	18.091	2593	2596	2600	rVB6	18526	29519	0.83%	0.067%
87	18.261	2622	2625	2627	rBV4	9568	11942	0.34%	0.027%
88	18.367	2640	2643	2650	rBV8	22335	33349	0.94%	0.075%
89	18.490	2658	2664	2673	rBV	439571	614668	17.26%	1.385%
90	18.907	2731	2735	2741	rVB8	17713	39770	1.12%	0.090%
91	19.295	2798	2801	2806	rVB7	11660	15703	0.44%	0.035%
92	19.606	2851	2854	2856	rBV3	48926	66037	1.85%	0.149%
93	19.747	2874	2878	2887	rBV4	163020	248988	6.99%	0.561%
94	19.900	2901	2904	2914	rVB8	31562	63368	1.78%	0.143%
95	20.012	2916	2923	2938	rBV	2361121	3560739	100.00%	8.023%
96	21.528	3177	3181	3195	rBV3	366943	598722	16.81%	1.349%
97	21.939	3244	3251	3261	rVB	1679853	3019751	84.81%	6.804%
98	23.702	3547	3551	3559	rVB8	98158	196759	5.53%	0.443%
99	25.153	3787	3798	3812	rVB3	1147693	3424998	96.19%	7.718%
100	25.388	3828	3838	3851	rVB	954087	2974520	83.54%	6.702%

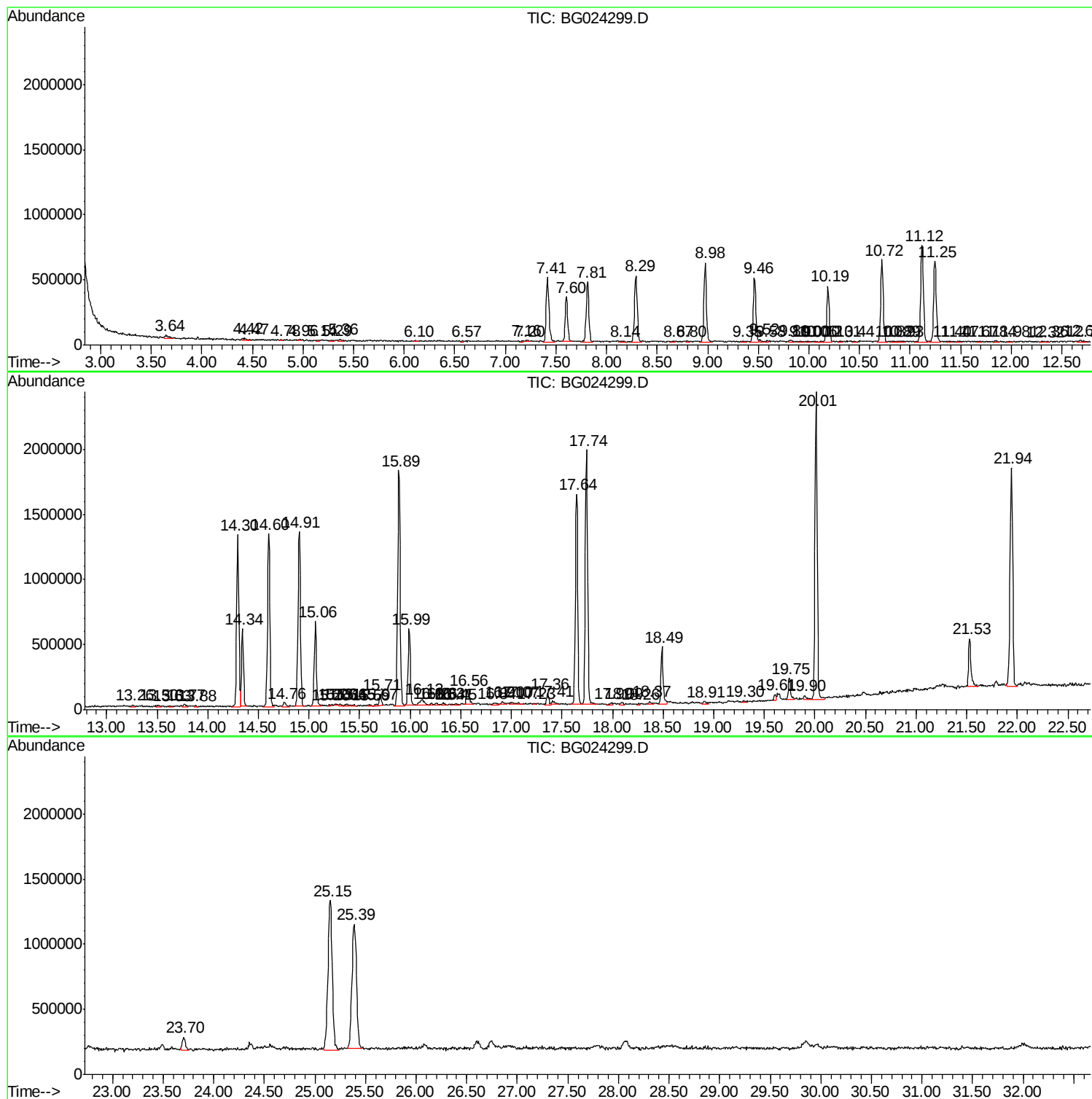
Sum of corrected areas: 44379366

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



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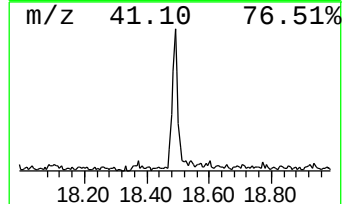
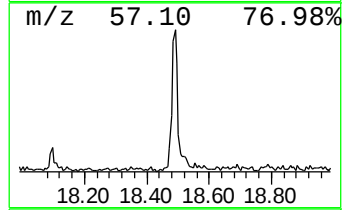
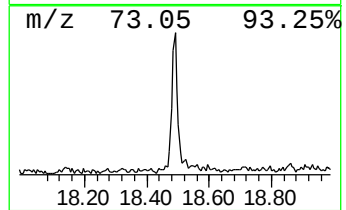
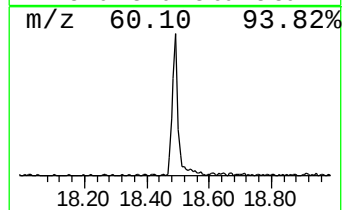
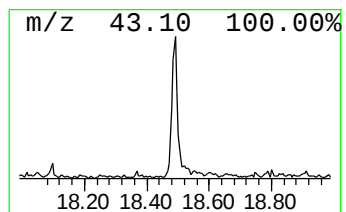
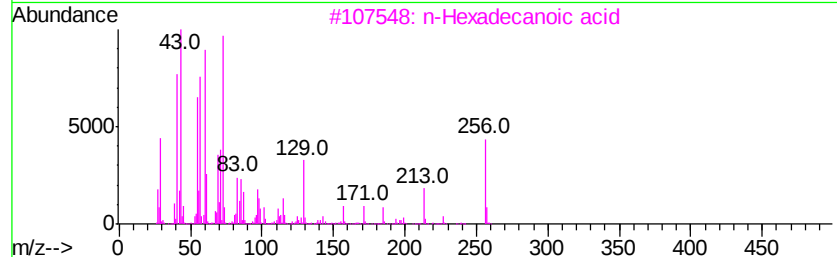
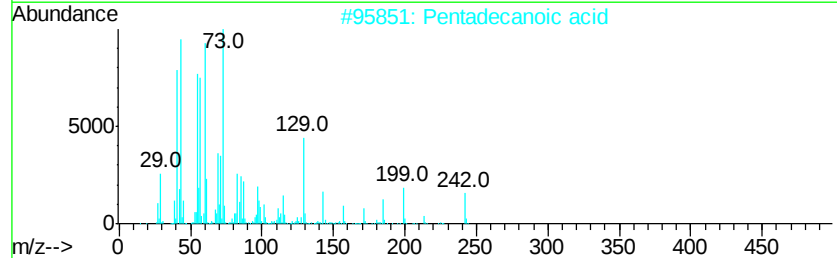
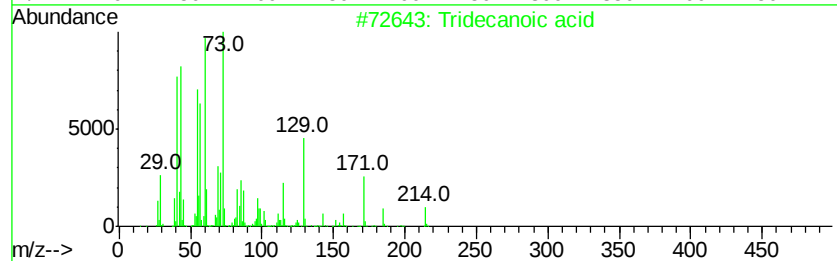
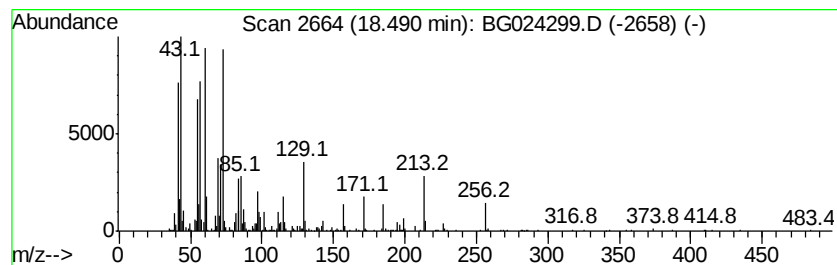
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Tridecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.49	4.70 ng/ul	614668	Phenanthrene-d10	17.64

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecanoic acid	214	C13H26O2	000638-53-9	93
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	76
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	72
4		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	70
5		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	55



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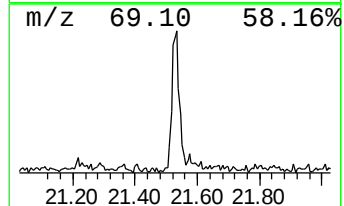
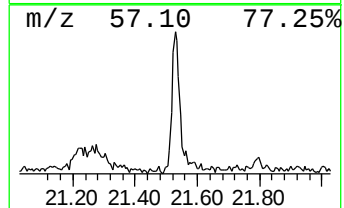
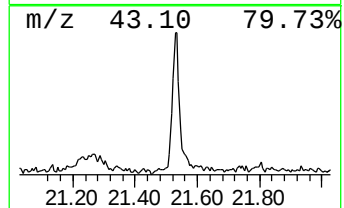
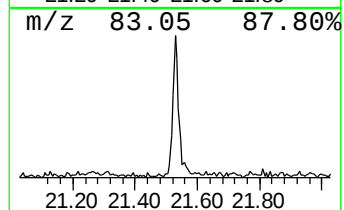
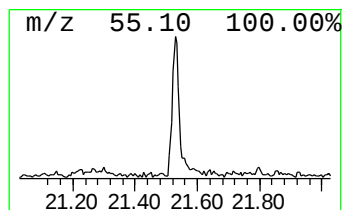
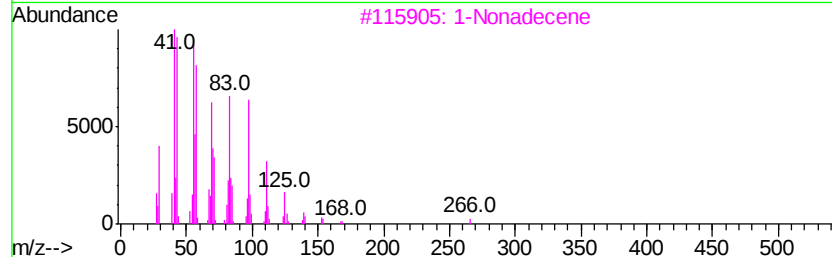
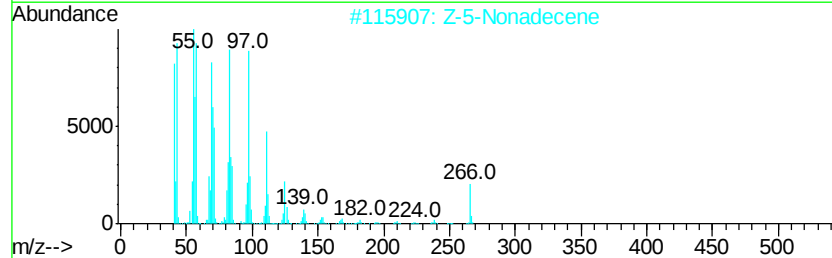
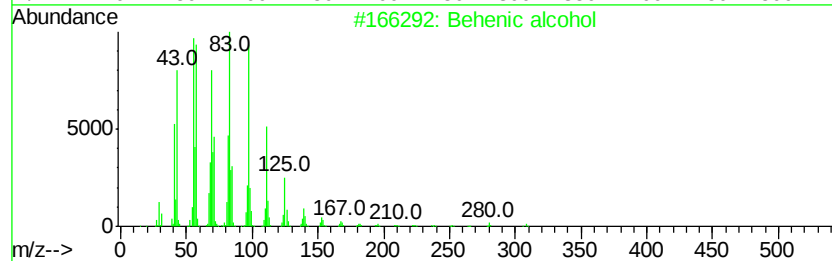
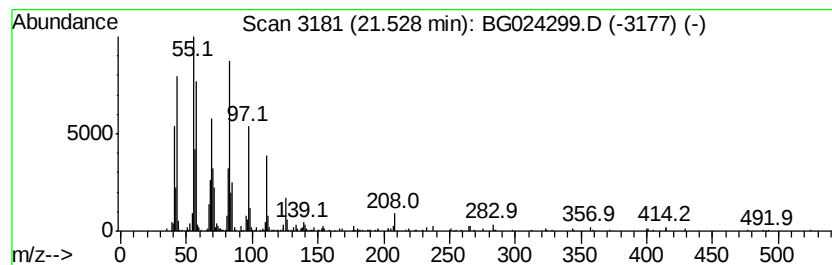
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 Behenic alcohol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.
21.53	3.97 ng/ul	598722	Chrysene-d12		21.94
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	91
2	Z-5-Nonadecene	266	C19H38	1000131-11-8	83
3	1-Nonadecene	266	C19H38	018435-45-5	83
4	Cyclotetracosane	336	C24H48	000297-03-0	80
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	72



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Tridecanoic acid	18.49	4.7	ng/ul	614668	4	17.64	2613350	20.0
Behenic alcohol	21.53	4.0	ng/ul	598722	5	21.94	3019750	20.0