

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101916\
 Data File : BG024442.D
 Acq On : 19 Oct 2016 14:46
 Operator : UM/SJ
 Sample : H5240-13
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDPE6

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	135	137	144	rVB7	25912	48124	1.12%	0.100%
2	4.272	239	244	246	rBV5	8683	15885	0.37%	0.033%
3	4.413	265	268	273	rVB6	12322	23134	0.54%	0.048%
4	4.601	299	300	303	rBV2	13137	15122	0.35%	0.032%
5	5.223	403	406	412	rVB5	10551	19417	0.45%	0.041%
6	5.353	424	428	435	rVB5	12720	26586	0.62%	0.055%
7	5.494	450	452	456	rBV4	11213	16550	0.39%	0.035%
8	5.646	472	478	484	rVB8	18483	46665	1.09%	0.097%
9	5.905	517	522	525	rVB5	15053	23376	0.55%	0.049%
10	5.940	525	528	531	rBV5	12068	15871	0.37%	0.033%
11	6.122	553	559	562	rBV8	9170	17364	0.40%	0.036%
12	6.322	588	593	598	rVB8	15848	31008	0.72%	0.065%
13	6.375	598	602	605	rBV6	12400	19798	0.46%	0.041%
14	6.657	648	650	656	rVB7	7431	13914	0.32%	0.029%
15	7.203	738	743	748	rBV6	16609	35114	0.82%	0.073%
16	7.409	771	778	789	rVB	460894	870054	20.29%	1.816%
17	7.597	802	810	819	rVB	310919	536689	12.51%	1.120%
18	7.803	838	845	853	rVB	439006	744836	17.37%	1.555%
19	8.185	907	910	916	rVB8	10119	17796	0.41%	0.037%
20	8.284	917	927	942	rVB	686138	1245090	29.03%	2.599%
21	8.966	1032	1043	1053	rBV2	528928	944312	22.02%	1.971%
22	9.454	1118	1126	1133	rVV	474122	853091	19.89%	1.781%
23	9.512	1133	1136	1147	rVB5	59230	106367	2.48%	0.222%
24	9.806	1182	1186	1189	rVV5	14924	20137	0.47%	0.042%
25	9.947	1206	1210	1215	rBV4	9869	17550	0.41%	0.037%
26	10.041	1222	1226	1232	rBV6	7377	14312	0.33%	0.030%
27	10.088	1232	1234	1242	rVB6	11341	22010	0.51%	0.046%
28	10.182	1242	1250	1259	rBV2	395776	772518	18.01%	1.612%
29	10.347	1275	1278	1283	rBV6	10400	15587	0.36%	0.033%
30	10.711	1330	1340	1351	rBV	605560	1141695	26.62%	2.383%
31	10.870	1362	1367	1370	rBV6	7842	14466	0.34%	0.030%
32	11.111	1398	1408	1420	rVB	1072555	1997767	46.59%	4.170%
33	11.240	1420	1430	1443	rBV	438983	859306	20.04%	1.794%
34	11.839	1527	1532	1536	rBV7	16307	29399	0.69%	0.061%

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35	11.968	1550	1554	1558	rBV7	10251	13682	0.32%	0.029%
36	12.673	1667	1674	1678	rBV6	15636	32756	0.76%	0.068%
37	13.226	1764	1768	1771	rBV5	14027	17949	0.42%	0.037%
38	13.484	1810	1812	1817	rVB6	11040	15978	0.37%	0.033%
39	13.549	1818	1823	1827	rVB6	11103	17667	0.41%	0.037%
40	13.690	1843	1847	1851	rBV7	14884	24688	0.58%	0.052%
41	13.760	1851	1859	1865	rVB6	38213	73027	1.70%	0.152%
42	14.095	1913	1916	1922	rVV7	8729	15068	0.35%	0.031%
43	14.289	1936	1949	1953	rVV	1076513	1690124	39.41%	3.528%
44	14.336	1953	1957	1963	rVB	852531	1221101	28.47%	2.549%
45	14.507	1981	1986	1991	rBV7	13952	31709	0.74%	0.066%
46	14.595	1993	2001	2012	rVB	1166945	1952370	45.53%	4.075%
47	14.753	2020	2028	2033	rBV6	25778	51299	1.20%	0.107%
48	14.894	2042	2052	2061	rVV	1925583	3088352	72.02%	6.446%
49	15.059	2072	2080	2089	rBV	552473	875597	20.42%	1.828%
50	15.182	2096	2101	2103	rBV4	10553	19772	0.46%	0.041%
51	15.259	2109	2114	2119	rVB8	17644	27040	0.63%	0.056%
52	15.359	2127	2131	2134	rBV5	14822	17194	0.40%	0.036%
53	15.429	2138	2143	2152	rVB5	10390	22887	0.53%	0.048%
54	15.652	2176	2181	2184	rBV5	22131	30863	0.72%	0.064%
55	15.693	2184	2188	2193	rVB2	68415	95453	2.23%	0.199%
56	15.799	2202	2206	2212	rVV3	44691	58470	1.36%	0.122%
57	15.881	2212	2220	2231	rVB	1683378	2603739	60.72%	5.435%
58	15.987	2231	2238	2246	rBV	443265	715034	16.67%	1.492%
59	16.093	2248	2256	2257	rBV5	30089	46967	1.10%	0.098%
60	16.199	2269	2274	2278	rVB7	14133	20901	0.49%	0.044%
61	16.246	2279	2282	2289	rVV9	9998	18643	0.43%	0.039%
62	16.316	2289	2294	2302	rVB9	18868	38948	0.91%	0.081%
63	16.387	2302	2306	2313	rBV9	11867	29662	0.69%	0.062%
64	16.510	2321	2327	2329	rVB7	12082	15594	0.36%	0.033%
65	16.557	2329	2335	2346	rBV2	99104	211398	4.93%	0.441%
66	16.827	2376	2381	2388	rBV10	13842	32340	0.75%	0.068%
67	16.892	2388	2392	2396	rBV7	12035	23581	0.55%	0.049%
68	17.039	2413	2417	2428	rVB3	48759	89514	2.09%	0.187%
69	17.344	2464	2469	2474	rBV4	62730	82431	1.92%	0.172%
70	17.403	2474	2479	2481	rBV5	16489	28358	0.66%	0.059%
71	17.480	2489	2492	2500	rVB8	26768	45916	1.07%	0.096%

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72	17.544	2500	2503	2506	rBV4	17543	16657	0.39%	0.035%
73	17.638	2511	2519	2529	rBV	2299286	3619666	84.41%	7.555%
74	17.738	2529	2536	2544	rVB	1668554	2686502	62.65%	5.608%
75	17.979	2571	2577	2588	rBV4	96700	201146	4.69%	0.420%
76	18.085	2592	2595	2597	rBV4	35455	36494	0.85%	0.076%
77	18.114	2597	2600	2605	rVB4	43236	63185	1.47%	0.132%
78	18.220	2615	2618	2623	rBV7	16599	23804	0.56%	0.050%
79	18.267	2624	2626	2632	rVB7	15885	21972	0.51%	0.046%
80	18.367	2637	2643	2647	rBV9	23846	56317	1.31%	0.118%
81	18.426	2648	2653	2656	rVB4	58634	79212	1.85%	0.165%
82	18.478	2656	2662	2671	rBV2	519369	743416	17.34%	1.552%
83	18.690	2696	2698	2705	rVB8	15028	27233	0.64%	0.057%
84	18.766	2708	2711	2718	rBV8	23774	38742	0.90%	0.081%
85	18.901	2731	2734	2742	rVB10	16557	28061	0.65%	0.059%
86	19.042	2754	2758	2763	rVB5	40654	57072	1.33%	0.119%
87	19.225	2788	2789	2794	rVB4	25235	27304	0.64%	0.057%
88	19.277	2794	2798	2803	rBV8	20615	49427	1.15%	0.103%
89	19.324	2805	2806	2813	rVB7	14788	17567	0.41%	0.037%
90	19.624	2847	2857	2868	rBV6	249092	625252	14.58%	1.305%
91	19.736	2871	2876	2885	rBV2	198477	254672	5.94%	0.532%
92	19.830	2889	2892	2897	rVB6	38963	46233	1.08%	0.097%
93	19.894	2902	2903	2911	rVB8	30540	34523	0.81%	0.072%
94	20.006	2915	2922	2932	rVB	2103796	3130841	73.01%	6.535%
95	20.511	3005	3008	3015	rVB9	46966	67439	1.57%	0.141%
96	21.522	3175	3180	3191	rVB7	147722	339120	7.91%	0.708%
97	21.933	3243	3250	3259	rVB	2466204	4252923	99.17%	8.877%
98	22.638	3367	3370	3375	rVB5	55370	78073	1.82%	0.163%
99	25.135	3784	3795	3810	rVB2	1001188	3010529	70.20%	6.284%
100	25.376	3824	3836	3853	rVB2	1290208	4288378	100.00%	8.951%

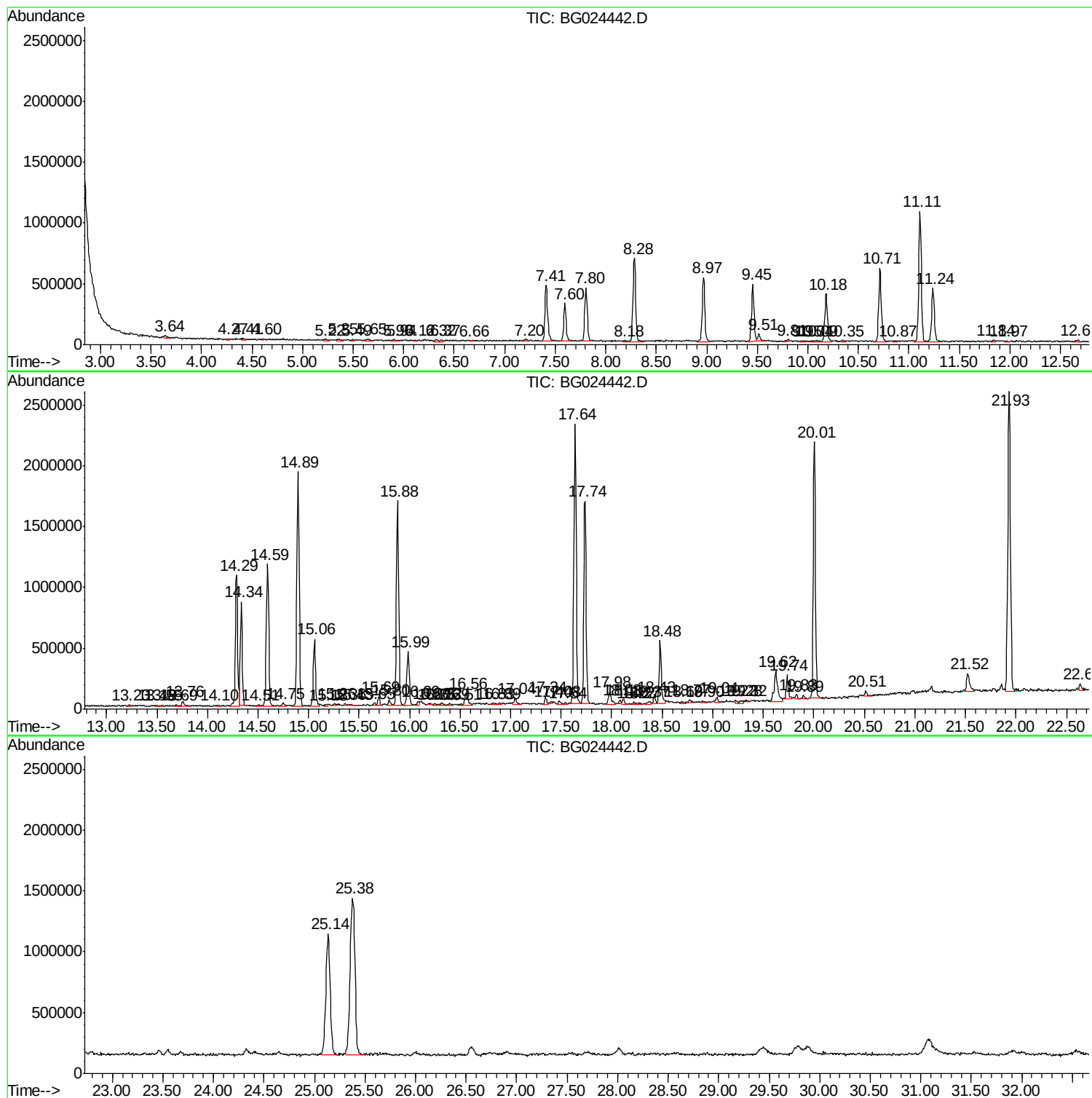
Sum of corrected areas: 47908742

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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



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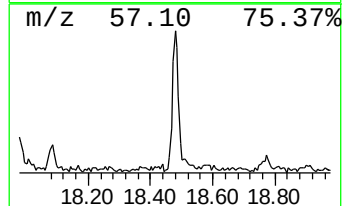
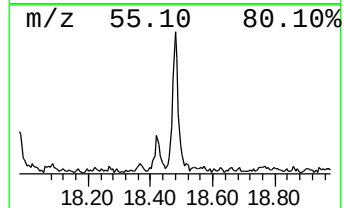
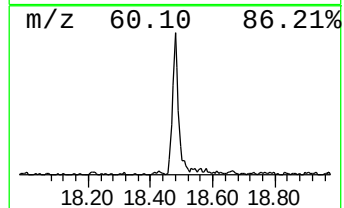
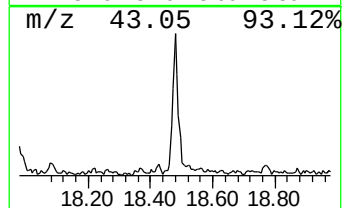
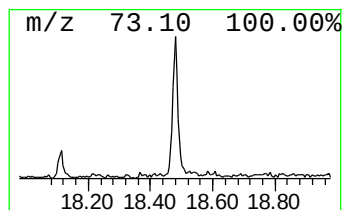
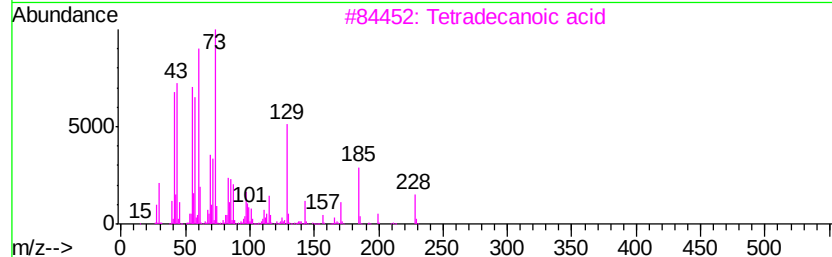
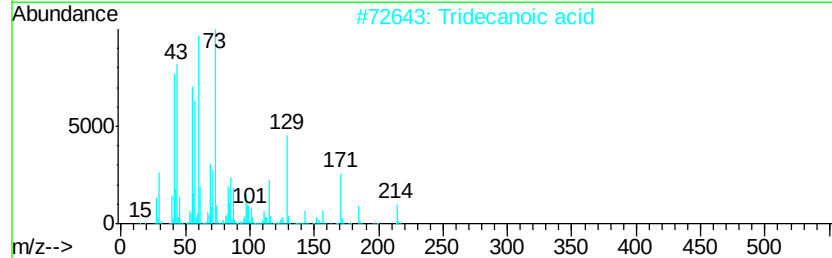
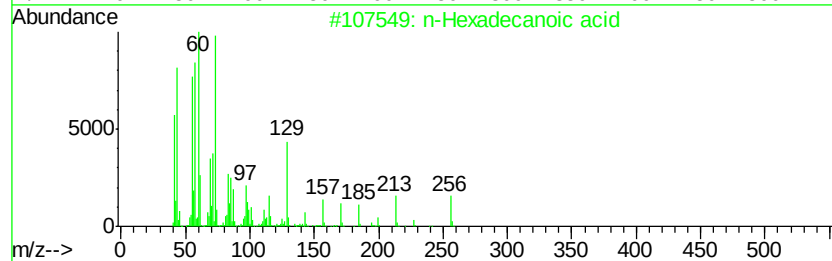
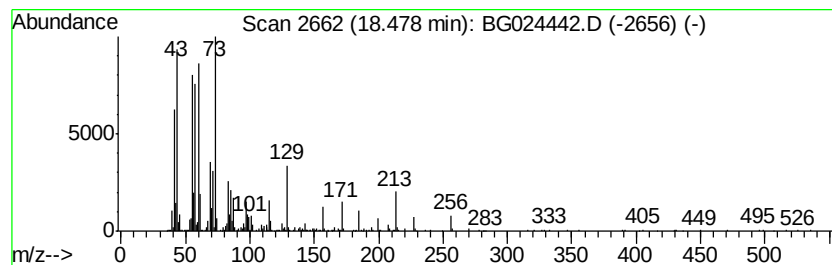
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.48	4.11 ng/ul	743416	Phenanthrene-d10		17.64	
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	97
3	Tetradecanoic acid		228	C14H28O2	000544-63-8	93
4	Pentadecanoic acid		242	C15H30O2	001002-84-2	87
5	Tridecanoic acid		214	C13H26O2	000638-53-9	83



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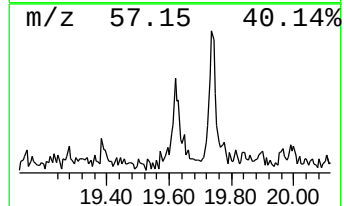
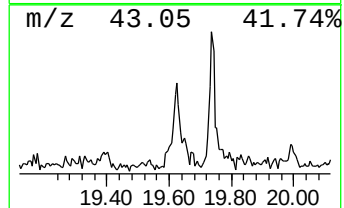
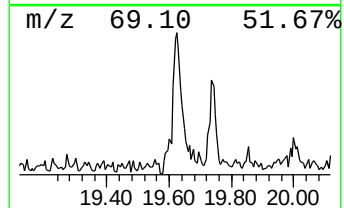
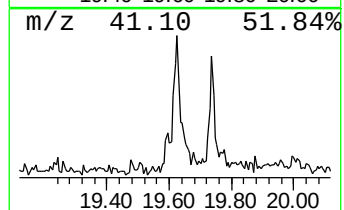
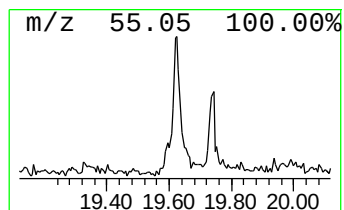
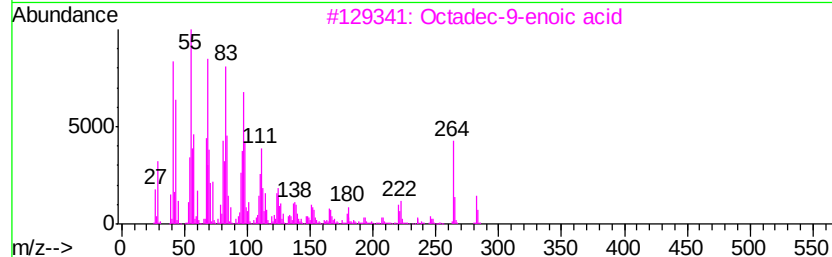
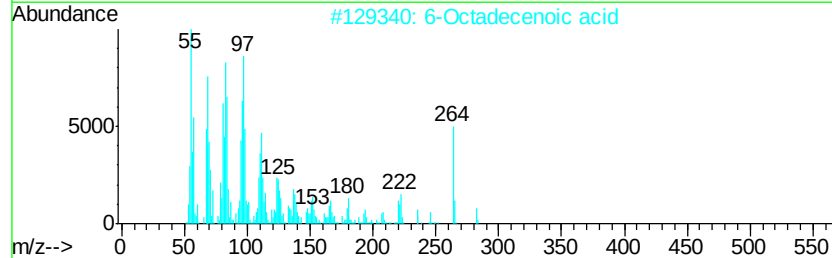
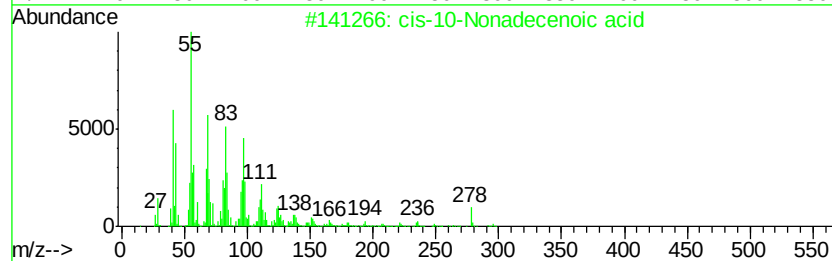
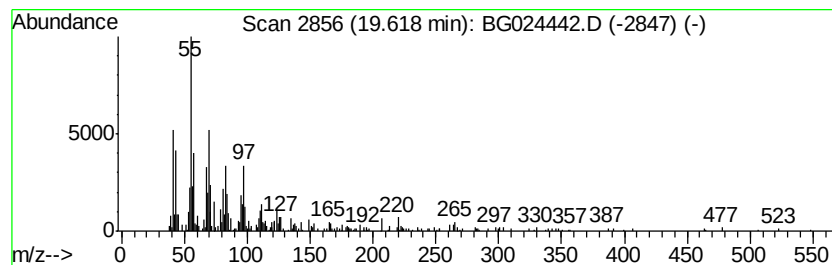
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 cis-10-Nonadecenoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.
19.62	3.45 ng/ul	625252	Phenanthrene-d10		17.64
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-10-Nonadecenoic acid	296	C19H36O2	073033-09-7	99
2	6-Octadecenoic acid	282	C18H34O2	1000336-66-8	97
3	Octadec-9-enoic acid	282	C18H34O2	1000190-13-7	93
4	6-Octadecenoic acid, (Z)-	282	C18H34O2	000593-39-5	93
5	Oleic Acid	282	C18H34O2	000112-80-1	93



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.48	4.1	ng/ul	743416	4	17.64	3619670	20.0
cis-10-Nonadeceno...	19.62	3.5	ng/ul	625252	4	17.64	3619670	20.0