

Data Path : Z:\HPCHEM1\BNA G\DATA\BG082417\
 Data File : BG028472.D
 Acq On : 24 Aug 2017 22:45
 Operator : SJ/JU
 Sample : I4840-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0AH9

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\SOM-EPA-BG080217.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	3.826	36	40	52	rVB7	5852	14101	1.24%	0.124%
2	4.231	106	109	113	rVB4	3944	5276	0.47%	0.046%
3	4.325	121	125	131	rBV5	7070	11489	1.01%	0.101%
4	5.447	309	316	327	rBV2	34716	65910	5.82%	0.579%
5	5.536	329	331	338	rVB4	2839	4417	0.39%	0.039%
6	5.782	368	373	375	rVB3	2269	3806	0.34%	0.033%
7	5.853	378	385	389	rBV5	2803	5366	0.47%	0.047%
8	5.970	401	405	409	rVB3	2817	4144	0.37%	0.036%
9	7.322	626	635	636	rBV4	2272	5553	0.49%	0.049%
10	7.486	656	663	678	rBV	98692	193739	17.10%	1.703%
11	7.651	685	691	701	rBV	70479	128792	11.37%	1.132%
12	7.868	721	728	735	rBV2	94575	177194	15.64%	1.558%
13	7.933	735	739	743	rVB6	5159	7994	0.71%	0.070%
14	8.338	801	808	822	rVB	158257	287166	25.35%	2.524%
15	8.567	841	847	851	rBV3	2415	3738	0.33%	0.033%
16	8.832	887	892	896	rBV3	2566	4070	0.36%	0.036%
17	8.902	900	904	909	rVB3	2543	3903	0.34%	0.034%
18	9.031	918	926	939	rBV	110868	209356	18.48%	1.840%
19	9.502	998	1006	1016	rBV2	98022	195128	17.22%	1.715%
20	10.230	1118	1130	1138	rVV2	85095	170681	15.07%	1.500%
21	10.442	1157	1166	1180	rBV8	14171	39504	3.49%	0.347%
22	10.771	1215	1222	1236	rVB2	122692	244533	21.58%	2.150%
23	10.959	1248	1254	1259	rBV4	1875	4448	0.39%	0.039%
24	11.082	1272	1275	1280	rVB5	3197	4342	0.38%	0.038%
25	11.158	1280	1288	1302	rBV	227883	423588	37.39%	3.724%
26	11.288	1302	1310	1325	rBV2	158530	314729	27.78%	2.767%
27	11.946	1414	1422	1423	rBV3	1769	3817	0.34%	0.034%
28	12.128	1445	1453	1456	rBV6	2501	5197	0.46%	0.046%
29	12.304	1480	1483	1491	rVB4	2436	5676	0.50%	0.050%
30	12.516	1507	1519	1527	rBV5	4298	11009	0.97%	0.097%
31	12.610	1527	1535	1538	rVV5	2489	4484	0.40%	0.039%
32	12.715	1549	1553	1556	rBV4	2281	4069	0.36%	0.036%
33	12.786	1561	1565	1576	rBV6	3981	9665	0.85%	0.085%
34	13.015	1598	1604	1608	rBV5	2782	4501	0.40%	0.040%

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35	13.203	1632	1636	1648	rBV4	29653	62519	5.52%	0.550%
36	13.297	1650	1652	1662	rVB7	3779	7003	0.62%	0.062%
37	13.538	1689	1693	1697	rBV3	3682	5379	0.47%	0.047%
38	13.732	1722	1726	1731	rBV4	4744	7696	0.68%	0.068%
39	14.114	1783	1791	1797	rVV6	3790	9894	0.87%	0.087%
40	14.261	1812	1816	1820	rBV4	3487	6204	0.55%	0.055%
41	14.337	1820	1829	1833	rVV	257535	403086	35.58%	3.543%
42	14.384	1833	1837	1844	rVB	57172	83639	7.38%	0.735%
43	14.643	1872	1881	1889	rBV	272867	434584	38.36%	3.820%
44	14.795	1903	1907	1914	rVB5	8161	13106	1.16%	0.115%
45	14.948	1924	1933	1941	rVV2	386547	638954	56.40%	5.617%
46	15.001	1941	1942	1949	rVB4	2689	5071	0.45%	0.045%
47	15.148	1960	1967	1981	rBV3	77830	185818	16.40%	1.633%
48	15.336	1995	1999	2008	rVB3	9130	21443	1.89%	0.188%
49	15.412	2008	2012	2019	rVB6	5351	10574	0.93%	0.093%
50	15.459	2019	2020	2028	rBV5	2426	4645	0.41%	0.041%
51	15.559	2028	2037	2039	rBV7	2471	4590	0.41%	0.040%
52	15.606	2041	2045	2049	rBV4	3336	5734	0.51%	0.050%
53	15.653	2050	2053	2058	rVV4	3099	4158	0.37%	0.037%
54	15.706	2058	2062	2065	rVV3	5946	9568	0.84%	0.084%
55	15.747	2065	2069	2076	rVB4	13954	20874	1.84%	0.183%
56	15.935	2092	2101	2111	rBV	365566	570972	50.40%	5.019%
57	16.053	2112	2121	2132	rVB2	121585	199285	17.59%	1.752%
58	16.176	2132	2142	2149	rVB8	6409	21034	1.86%	0.185%
59	16.247	2149	2154	2157	rBV4	3417	4834	0.43%	0.042%
60	16.364	2169	2174	2179	rBV5	3286	6600	0.58%	0.058%
61	16.564	2202	2208	2211	rVV4	2389	5039	0.44%	0.044%
62	16.611	2211	2216	2228	rVV4	16106	36364	3.21%	0.320%
63	16.740	2228	2238	2240	rVB6	3147	7179	0.63%	0.063%
64	16.793	2242	2247	2253	rVB5	3879	7641	0.67%	0.067%
65	16.852	2253	2257	2259	rBV3	2785	4164	0.37%	0.037%
66	16.957	2269	2275	2276	rBV4	3359	4641	0.41%	0.041%
67	17.052	2286	2291	2293	rBV5	3039	5479	0.48%	0.048%
68	17.116	2301	2302	2309	rVB5	3785	4960	0.44%	0.044%
69	17.216	2310	2319	2324	rBV8	6804	15157	1.34%	0.133%
70	17.404	2347	2351	2356	rBV6	12703	17181	1.52%	0.151%
71	17.586	2380	2382	2386	rVB3	2945	4170	0.37%	0.037%

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72	17.621	2386	2388	2391	rBV3	3349	4445	0.39%	0.039%
73	17.698	2394	2401	2411	rBV2	558013	883908	78.02%	7.770%
74	17.792	2411	2417	2426	rVV2	418348	658164	58.09%	5.786%
75	17.945	2438	2443	2446	rBV7	4192	6711	0.59%	0.059%
76	18.015	2446	2455	2460	rVB9	6047	16205	1.43%	0.142%
77	18.062	2460	2463	2464	rBV3	4781	3793	0.33%	0.033%
78	18.144	2473	2477	2485	rVB7	9568	16519	1.46%	0.145%
79	18.274	2496	2499	2504	rVV6	2414	4138	0.37%	0.036%
80	18.426	2522	2525	2527	rBV3	5709	4332	0.38%	0.038%
81	18.544	2540	2545	2554	rBV5	60230	123046	10.86%	1.082%
82	18.614	2554	2557	2565	rVB4	20145	32045	2.83%	0.282%
83	18.750	2576	2580	2585	rVB8	7879	10845	0.96%	0.095%
84	18.820	2590	2592	2598	rVB6	7439	10356	0.91%	0.091%
85	18.949	2610	2614	2620	rVB9	5848	11358	1.00%	0.100%
86	19.061	2629	2633	2636	rBV5	7420	8563	0.76%	0.075%
87	19.184	2651	2654	2658	rBV6	4712	6542	0.58%	0.058%
88	19.343	2677	2681	2686	rVB7	7874	12174	1.07%	0.107%
89	19.384	2686	2688	2694	rVB6	5377	9086	0.80%	0.080%
90	19.466	2697	2702	2706	rBV7	10621	21745	1.92%	0.191%
91	19.731	2733	2747	2752	rBV7	13956	52781	4.66%	0.464%
92	19.801	2754	2759	2767	rBV9	20560	45130	3.98%	0.397%
93	20.071	2799	2805	2817	rVB2	552224	870939	76.87%	7.656%
94	20.171	2817	2822	2824	rBV6	6773	12387	1.09%	0.109%
95	20.547	2883	2886	2889	rVB4	9329	10824	0.96%	0.095%
96	21.593	3060	3064	3076	rVB4	24307	53358	4.71%	0.469%
97	21.858	3105	3109	3115	rBV3	27142	39816	3.51%	0.350%
98	22.028	3130	3138	3151	rVB	620956	1132945	100.00%	9.959%
99	25.283	3683	3692	3706	rVB	260005	812339	71.70%	7.141%
100	25.530	3724	3734	3754	rVB3	326381	1060850	93.64%	9.325%

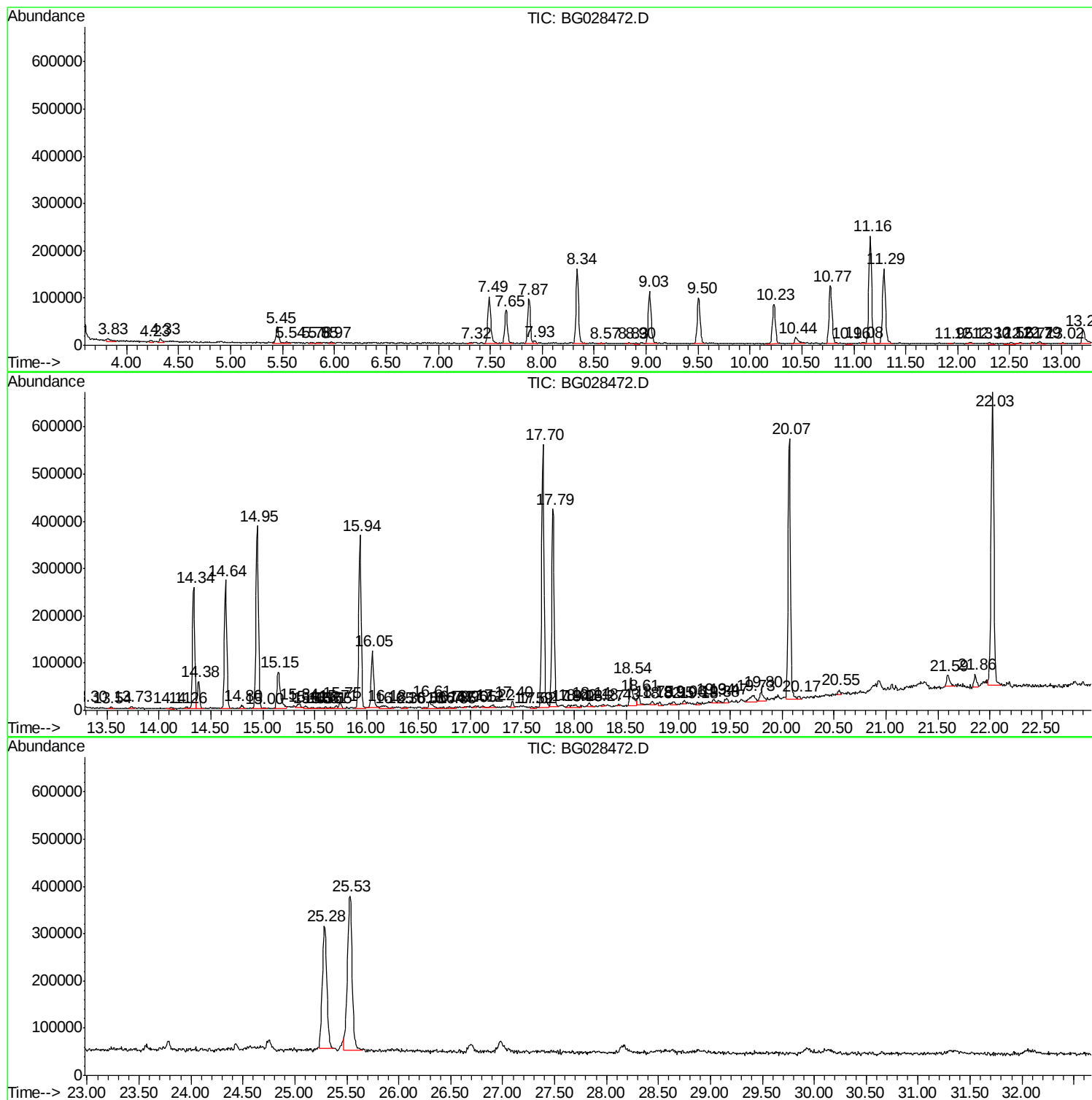
Sum of corrected areas: 11375968

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



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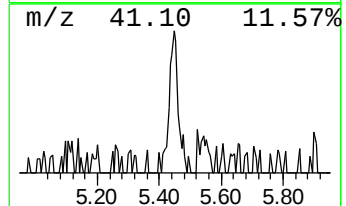
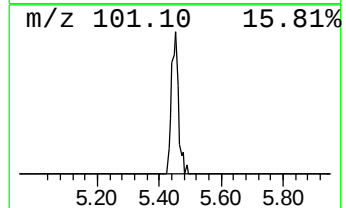
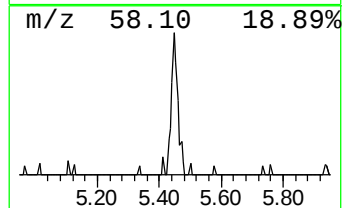
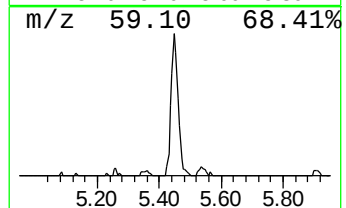
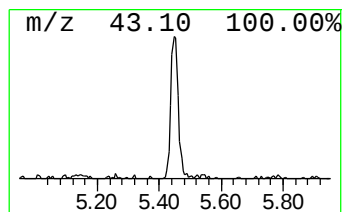
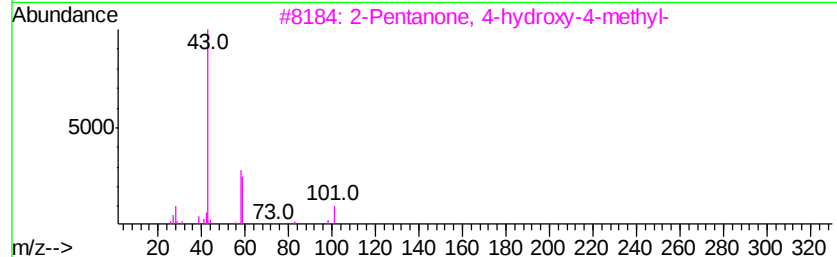
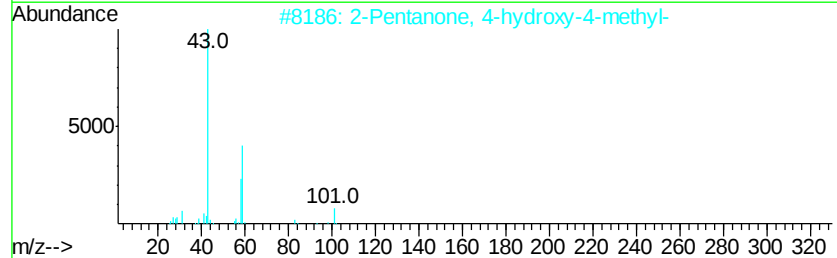
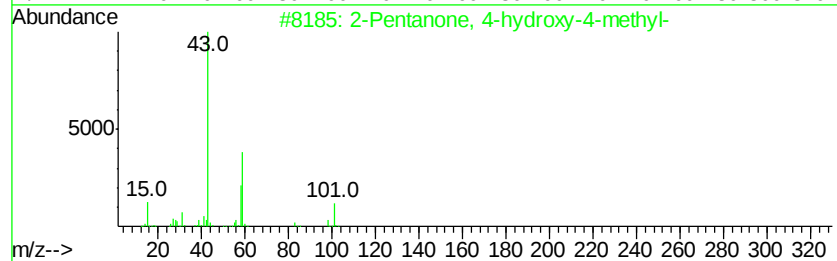
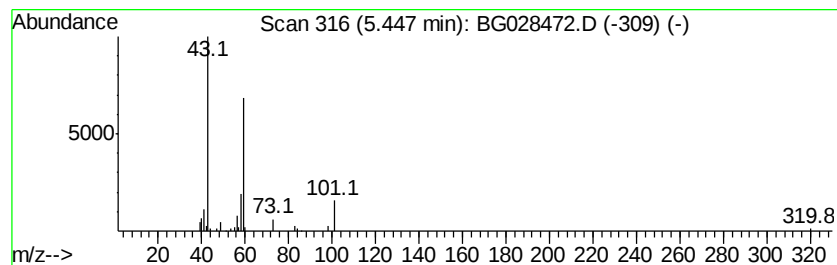
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.45	4.59 ng/ul	65910	1,4-Dichlorobenzene-d4	8.34

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	32		
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	23		
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	17		
4	Ether, hexyl t-butyl	158	C10H22O	069775-79-7	17		
5	Propanoic acid, 2-hydroxy-2-methyl-	104	C4H8O3	000594-61-6	17		



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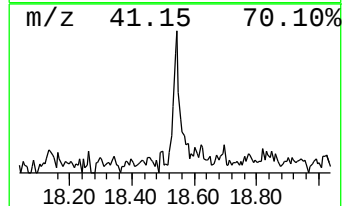
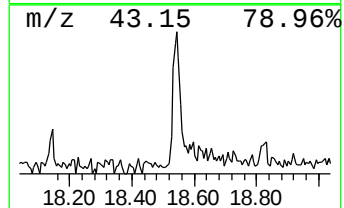
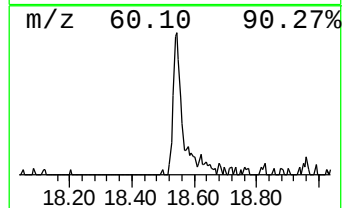
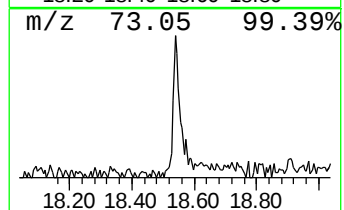
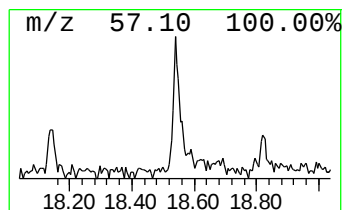
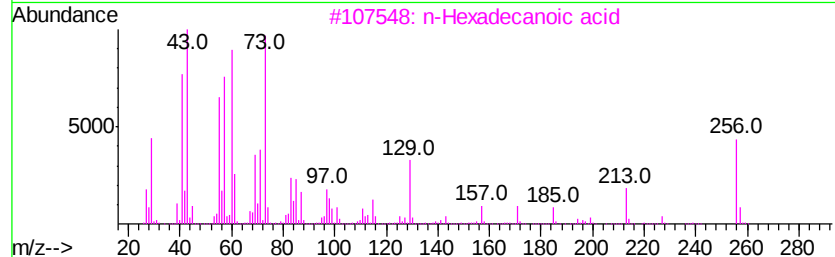
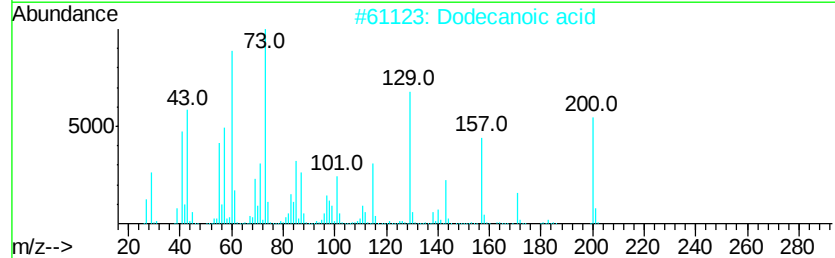
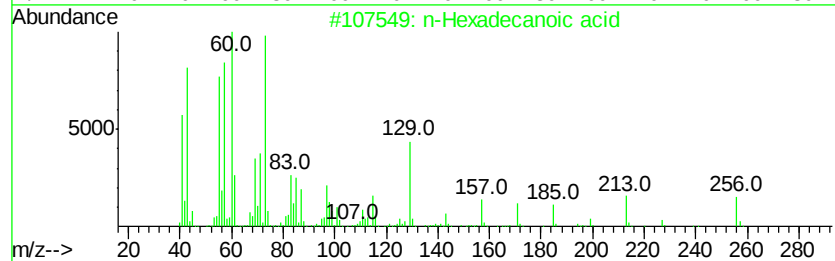
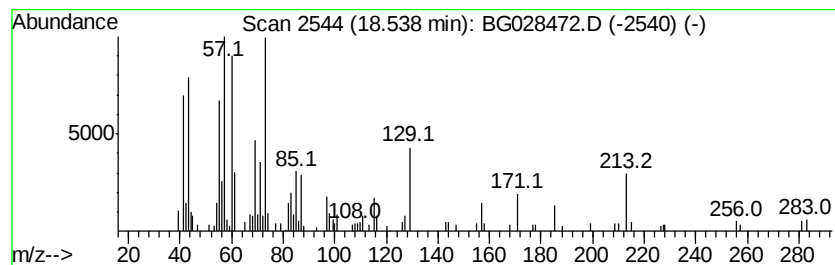
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.54	2.78 ng/ul	123046	Phenanthrene-d10	17.70

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Dodecanoic acid	200	C12H24O2	000143-07-7	93
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	83
5		Dodecanoic acid	200	C12H24O2	000143-07-7	76



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.45	4.6	ng/ul	65910	1	8.34	287166	20.0
n-Hexadecanoic acid	18.54	2.8	ng/ul	123046	4	17.70	883908	20.0