

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101816\
 Data File : BG024420.D
 Acq On : 18 Oct 2016 15:30
 Operator : UM/SJ
 Sample : H5223-12
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDNK2

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	3.639	132	136	145	rVB6	25293	52424	1.18%	0.097%
2	3.980	191	194	196	rBV4	12546	13638	0.31%	0.025%
3	4.044	202	205	209	rVB5	8709	14492	0.33%	0.027%
4	4.244	238	239	249	rVB6	12909	30898	0.69%	0.057%
5	4.391	262	264	267	rBV4	9560	12071	0.27%	0.022%
6	4.573	292	295	297	rVB4	12360	12123	0.27%	0.023%
7	4.673	309	312	314	rBV4	11366	15194	0.34%	0.028%
8	5.349	422	427	436	rVV2	64635	114830	2.58%	0.213%
9	5.448	440	444	449	rBV4	9856	12139	0.27%	0.023%
10	5.672	474	482	483	rVB7	10752	23386	0.53%	0.043%
11	6.330	588	594	598	rBV8	11095	27599	0.62%	0.051%
12	6.453	611	615	616	rBV3	9877	12443	0.28%	0.023%
13	7.205	739	743	747	rVB4	10692	16624	0.37%	0.031%
14	7.411	769	778	789	rBV	518231	1005946	22.60%	1.870%
15	7.599	803	810	821	rVB	357252	626822	14.08%	1.165%
16	7.804	837	845	855	rBV	474122	866920	19.47%	1.612%
17	8.286	919	927	943	rVB	698356	1311174	29.45%	2.437%
18	8.504	961	964	971	rVB7	11072	17620	0.40%	0.033%
19	8.604	976	981	983	rVB5	8123	11744	0.26%	0.022%
20	8.968	1035	1043	1054	rVB	682964	1212836	27.24%	2.255%
21	9.232	1087	1088	1092	rBV2	9213	12503	0.28%	0.023%
22	9.455	1118	1126	1133	rVV	539463	996498	22.38%	1.852%
23	9.514	1133	1136	1145	rVB5	36342	73028	1.64%	0.136%
24	9.808	1181	1186	1192	rBV6	28456	45752	1.03%	0.085%
25	9.931	1201	1207	1211	rVB6	9152	16126	0.36%	0.030%
26	10.184	1240	1250	1260	rBV	475011	894393	20.09%	1.663%
27	10.343	1271	1277	1285	rVB7	7680	17918	0.40%	0.033%
28	10.713	1331	1340	1351	rVV	703339	1291067	29.00%	2.400%
29	11.112	1399	1408	1416	rVV	1089163	2002886	44.99%	3.723%
30	11.242	1420	1430	1444	rBV	624942	1234298	27.73%	2.294%
31	11.342	1444	1447	1452	rVB6	8328	12683	0.28%	0.024%
32	11.847	1530	1533	1540	rVB7	7639	15989	0.36%	0.030%
33	11.953	1548	1551	1555	rVV4	7988	12636	0.28%	0.023%
34	12.000	1555	1559	1565	rVV7	8792	15923	0.36%	0.030%

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35	12.599	1656	1661	1668	rVB9	8272	18810	0.42%	0.035%
36	12.675	1668	1674	1684	rBV6	23591	45341	1.02%	0.084%
37	13.480	1807	1811	1819	rBV6	8057	22550	0.51%	0.042%
38	13.692	1844	1847	1852	rVB5	15426	14036	0.32%	0.026%
39	13.756	1853	1858	1865	rVB3	49661	88058	1.98%	0.164%
40	13.827	1869	1870	1876	rVB6	8036	12207	0.27%	0.023%
41	14.291	1936	1949	1953	rBV	1482636	2193828	49.28%	4.078%
42	14.338	1953	1957	1973	rVB	935967	1371790	30.81%	2.550%
43	14.461	1973	1978	1982	rBV6	9668	18043	0.41%	0.034%
44	14.497	1982	1984	1986	rBV3	12472	12759	0.29%	0.024%
45	14.597	1993	2001	2011	rBV	1435154	2343251	52.64%	4.356%
46	14.749	2020	2027	2037	rBV4	33797	60916	1.37%	0.113%
47	14.896	2045	2052	2062	rBV	1928414	3088605	69.38%	5.741%
48	15.061	2072	2080	2095	rBV	714460	1199248	26.94%	2.229%
49	15.213	2095	2106	2109	rBV	11395	38963	0.88%	0.072%
50	15.255	2109	2113	2116	rBV5	18300	27180	0.61%	0.051%
51	15.296	2119	2120	2126	rVB5	10137	11854	0.27%	0.022%
52	15.366	2128	2132	2137	rBV6	13186	23710	0.53%	0.044%
53	15.431	2141	2143	2153	rVB9	17307	29500	0.66%	0.055%
54	15.654	2178	2181	2184	rBV5	14615	20515	0.46%	0.038%
55	15.695	2184	2188	2194	rVB2	77930	112344	2.52%	0.209%
56	15.801	2202	2206	2213	rVV4	46663	73090	1.64%	0.136%
57	15.883	2213	2220	2227	rVB	1984641	3139553	70.52%	5.836%
58	15.983	2230	2237	2248	rBV	686356	1076853	24.19%	2.002%
59	16.118	2248	2260	2270	rBV	40379	131699	2.96%	0.245%
60	16.195	2270	2273	2275	rBV4	14946	15636	0.35%	0.029%
61	16.253	2280	2283	2287	rBV6	12380	21300	0.48%	0.040%
62	16.324	2291	2295	2300	rVB8	15564	16357	0.37%	0.030%
63	16.453	2309	2317	2322	rBV8	12657	36086	0.81%	0.067%
64	16.506	2322	2326	2328	rBV5	14580	18741	0.42%	0.035%
65	16.559	2330	2335	2346	rBV3	85338	158573	3.56%	0.295%
66	16.829	2375	2381	2386	rVB9	22646	48756	1.10%	0.091%
67	16.900	2388	2393	2395	rBV6	17703	30195	0.68%	0.056%
68	16.947	2399	2401	2406	rBV6	9453	13446	0.30%	0.025%
69	17.047	2415	2418	2424	rVB4	48734	72028	1.62%	0.134%
70	17.129	2429	2432	2435	rBV5	14081	19937	0.45%	0.037%
71	17.223	2443	2448	2452	rVB7	18007	31077	0.70%	0.058%

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72	17.352	2464	2470	2488	rBV	459929	831962	18.69%	1.547%
73	17.640	2509	2519	2528	rBV	2393583	3713676	83.42%	6.903%
74	17.740	2528	2536	2546	rVB	2038780	3292762	73.96%	6.121%
75	17.899	2559	2563	2565	rBV5	12271	15837	0.36%	0.029%
76	17.975	2571	2576	2588	rBV8	77970	151354	3.40%	0.281%
77	18.087	2591	2595	2597	rBV3	25020	31396	0.71%	0.058%
78	18.116	2597	2600	2606	rVB5	39887	55828	1.25%	0.104%
79	18.263	2624	2625	2632	rVV7	10375	18456	0.41%	0.034%
80	18.374	2642	2644	2648	rBV5	10538	13047	0.29%	0.024%
81	18.480	2656	2662	2669	rBV2	297980	435725	9.79%	0.810%
82	18.692	2695	2698	2702	rVB6	13774	18394	0.41%	0.034%
83	18.768	2708	2711	2714	rVB4	13328	18973	0.43%	0.035%
84	18.886	2729	2731	2735	rBV4	13049	23642	0.53%	0.044%
85	19.044	2754	2758	2763	rVB6	39753	55751	1.25%	0.104%
86	19.338	2802	2808	2813	rBV9	20275	41176	0.92%	0.077%
87	19.602	2850	2853	2855	rBV4	21033	21307	0.48%	0.040%
88	19.644	2855	2860	2870	rVB6	42051	79601	1.79%	0.148%
89	19.738	2872	2876	2884	rBV4	150078	216064	4.85%	0.402%
90	19.832	2888	2892	2896	rVB3	40762	44241	0.99%	0.082%
91	19.896	2899	2903	2909	rVB4	32663	54605	1.23%	0.102%
92	20.008	2916	2922	2932	rVB	2517797	3774460	84.79%	7.016%
93	20.519	3005	3009	3015	rVB7	41158	60129	1.35%	0.112%
94	21.165	3117	3119	3123	rVB4	53470	57239	1.29%	0.106%
95	21.524	3175	3180	3196	rBV5	183462	430623	9.67%	0.800%
96	21.859	3235	3237	3242	rVB5	50855	65193	1.46%	0.121%
97	21.935	3242	3250	3259	rBV	2547945	4356143	97.85%	8.098%
98	22.646	3367	3371	3376	rVB8	41695	63215	1.42%	0.118%
99	25.143	3784	3796	3811	rVB2	1185457	3693207	82.96%	6.865%
100	25.378	3823	3836	3853	rBV2	1377599	4451784	100.00%	8.275%

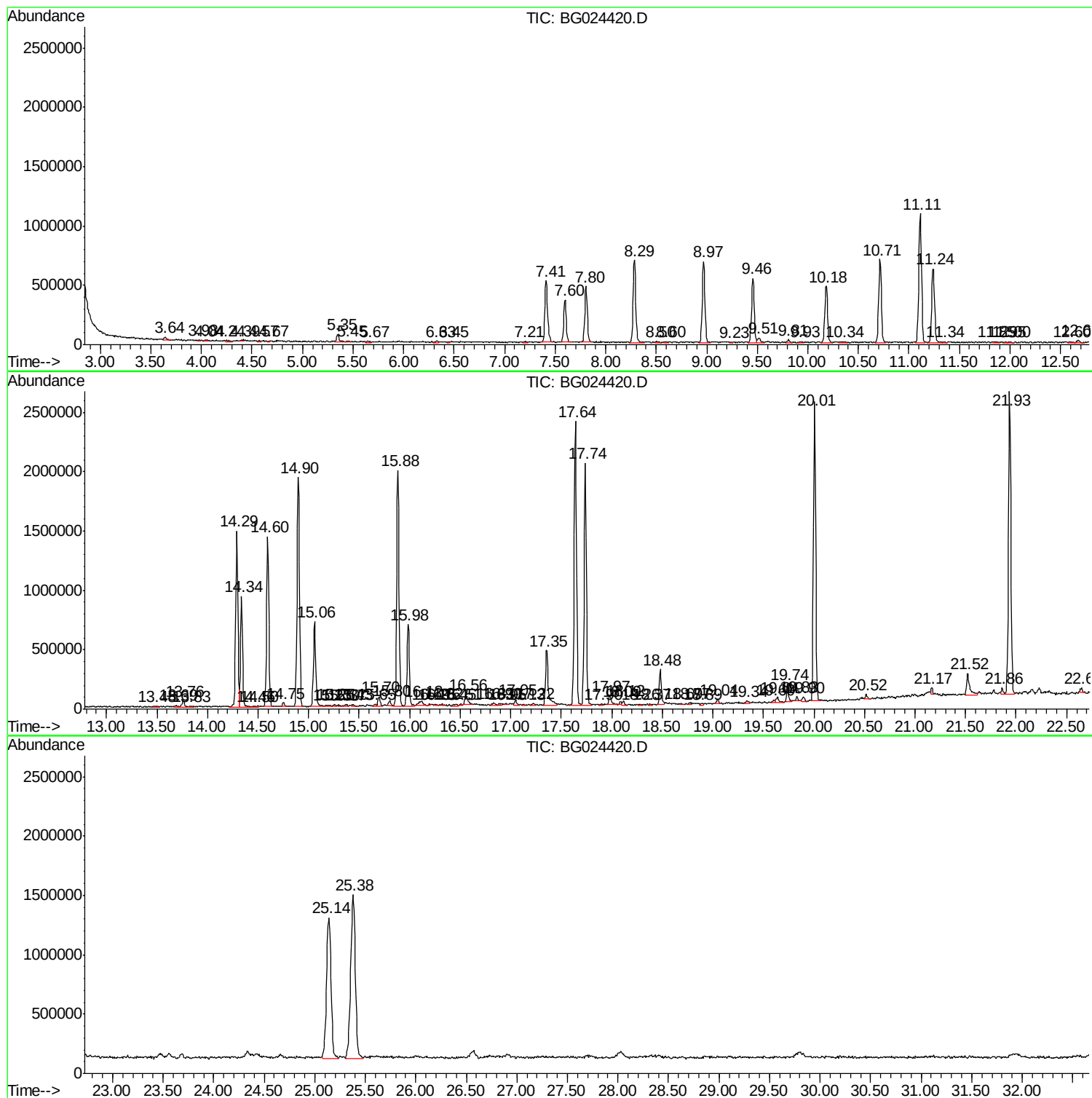
Sum of corrected areas: 53795248

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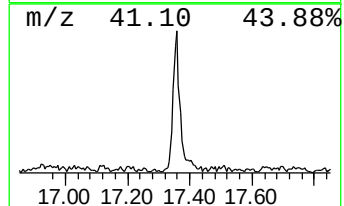
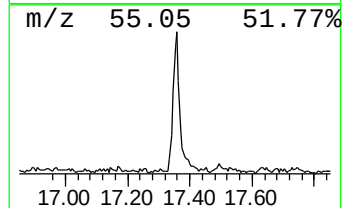
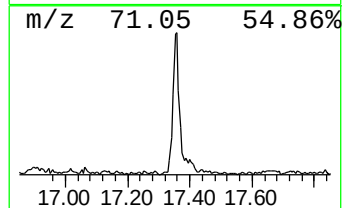
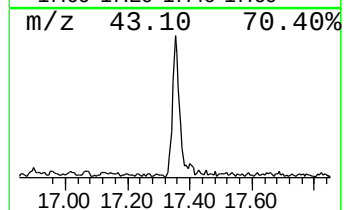
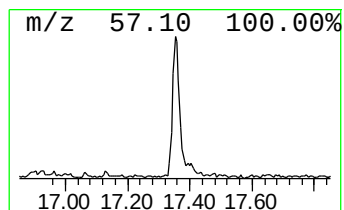
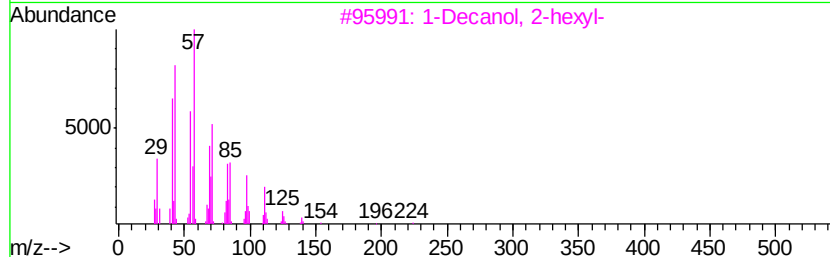
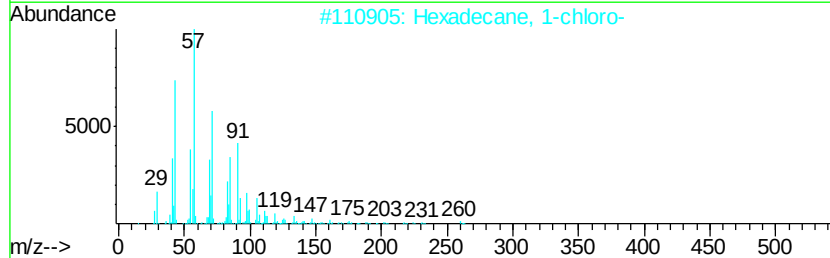
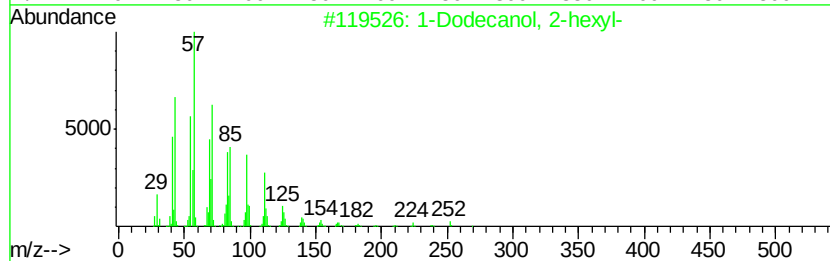
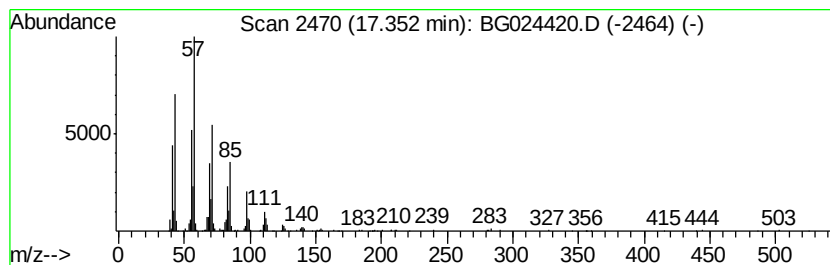
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 1-Dodecanol, 2-hexyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.35	4.48 ng/ul	831962	Phenanthrene-d10	17.64

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	90
2			Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	80
3			1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	80
4			Tetradecane, 1-chloro-	232	C14H29Cl	002425-54-9	80
5			1-Decanol, 2-octyl-	270	C18H38O	045235-48-1	64



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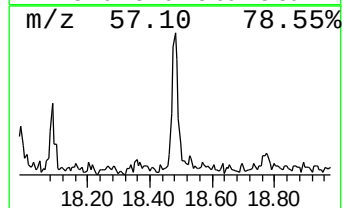
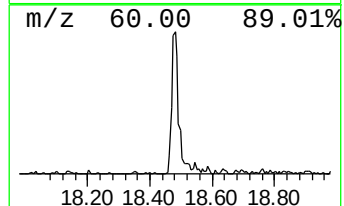
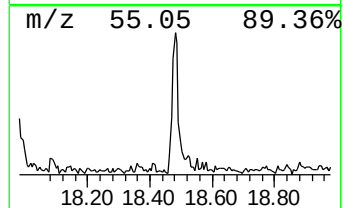
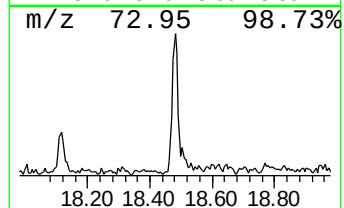
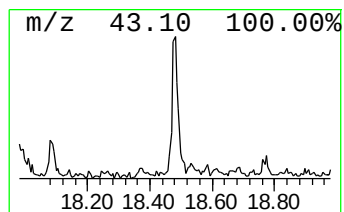
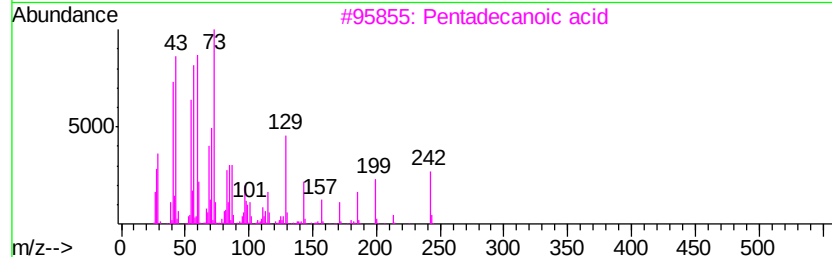
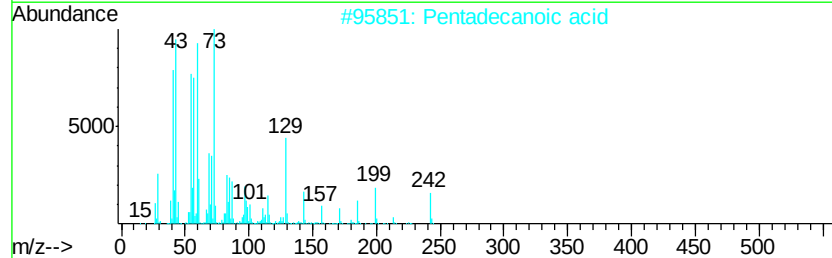
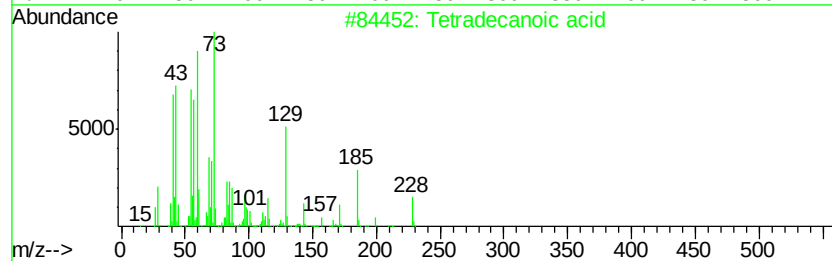
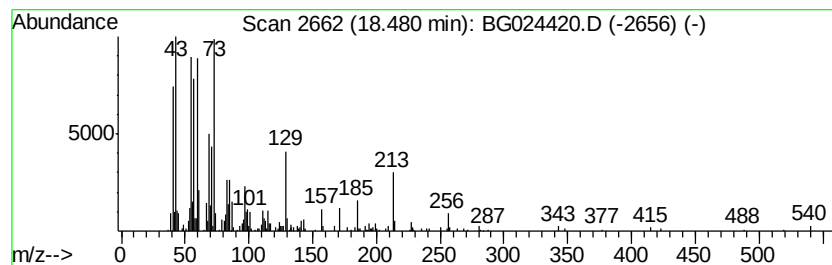
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 Tetradecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.48	2.35 ng/ul	435725	Phenanthrene-d10	17.64

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecanoic acid	228	C14H28O2	000544-63-8	91
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
5			Tridecanoic acid	214	C13H26O2	000638-53-9	81



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
1-Dodecanol, 2-he...	17.35	4.5	ng/ul	831962	4	17.64	3713680	20.0
Tetradecanoic acid	18.48	2.4	ng/ul	435725	4	17.64	3713680	20.0