

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101916\
 Data File : BG024451.D
 Acq On : 19 Oct 2016 20:32
 Operator : UM/SJ
 Sample : H5241-18
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDND4

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	3.636	132	136	148	rBV5	39076	89182	1.61%	0.128%
2	4.183	226	229	233	rBV6	10360	14506	0.26%	0.021%
3	4.259	239	242	245	rVB4	11233	13821	0.25%	0.020%
4	4.406	263	267	275	rVB5	14252	23382	0.42%	0.034%
5	5.346	423	427	429	rBV5	9302	15905	0.29%	0.023%
6	5.552	459	462	469	rVB6	7666	17305	0.31%	0.025%
7	5.640	469	477	485	rBV8	13782	39033	0.71%	0.056%
8	5.710	487	489	495	rVB5	8120	13845	0.25%	0.020%
9	5.851	510	513	518	rVB4	7869	15676	0.28%	0.023%
10	6.022	535	542	544	rBV5	7058	15529	0.28%	0.022%
11	6.169	562	567	570	rBV7	8126	17984	0.33%	0.026%
12	6.468	613	618	625	rVB8	10497	26763	0.48%	0.038%
13	6.556	630	633	639	rBV6	9391	14568	0.26%	0.021%
14	7.115	725	728	735	rBV7	7204	13769	0.25%	0.020%
15	7.215	738	745	752	rVB7	23163	62797	1.14%	0.090%
16	7.408	769	778	790	rBV	749032	1459716	26.43%	2.098%
17	7.596	798	810	820	rBV	575695	977538	17.70%	1.405%
18	7.808	836	846	853	rBV	709718	1287381	23.31%	1.851%
19	8.284	918	927	942	rVB	744551	1370524	24.81%	1.970%
20	8.965	1035	1043	1052	rBV2	863441	1512877	27.39%	2.175%
21	9.236	1084	1089	1093	rBV6	6980	14780	0.27%	0.021%
22	9.453	1118	1126	1133	rBV	818818	1519061	27.50%	2.184%
23	9.518	1133	1137	1142	rVV2	75466	122746	2.22%	0.176%
24	9.559	1142	1144	1148	rVB3	13985	16056	0.29%	0.023%
25	9.806	1182	1186	1190	rBV5	15276	21021	0.38%	0.030%
26	10.182	1240	1250	1258	rBV	704725	1350831	24.46%	1.942%
27	10.252	1258	1262	1270	rVB10	7174	15169	0.27%	0.022%
28	10.710	1332	1340	1351	rBV	1034887	1937944	35.09%	2.786%
29	10.893	1364	1371	1374	rVB6	9289	19113	0.35%	0.027%
30	10.951	1374	1381	1386	rBV9	8182	22128	0.40%	0.032%
31	11.110	1399	1408	1421	rVB	1152149	2170114	39.29%	3.119%
32	11.239	1421	1430	1442	rVB	916692	1765887	31.97%	2.538%
33	11.368	1449	1452	1458	rVB5	8636	16893	0.31%	0.024%
34	11.844	1526	1533	1538	rVB8	10904	20451	0.37%	0.029%

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35	12.156	1580	1586	1589	rVB4	7782	15017	0.27%	0.022%
36	12.667	1663	1673	1680	rBV7	31601	64816	1.17%	0.093%
37	12.890	1705	1711	1715	rVB9	9678	19930	0.36%	0.029%
38	13.249	1766	1772	1773	rBV5	11627	17807	0.32%	0.026%
39	13.495	1807	1814	1819	rVB8	15598	32658	0.59%	0.047%
40	13.695	1842	1848	1850	rBV5	10489	20376	0.37%	0.029%
41	13.760	1850	1859	1865	rVV4	45063	82815	1.50%	0.119%
42	14.289	1937	1949	1953	rVV	2113687	3172687	57.45%	4.561%
43	14.336	1953	1957	1964	rVB	1265832	1863509	33.74%	2.679%
44	14.506	1980	1986	1988	rBV6	11669	15097	0.27%	0.022%
45	14.594	1994	2001	2010	rVB	2120640	3418089	61.89%	4.913%
46	14.659	2010	2012	2020	rVB7	12889	22499	0.41%	0.032%
47	14.747	2020	2027	2034	rBV4	42548	82432	1.49%	0.118%
48	14.894	2043	2052	2062	rVB	2047452	3389837	61.38%	4.873%
49	15.058	2073	2080	2092	rBV	1029529	1755579	31.79%	2.524%
50	15.193	2099	2103	2108	rVB7	10333	19712	0.36%	0.028%
51	15.246	2108	2112	2118	rBV8	17408	36391	0.66%	0.052%
52	15.370	2126	2133	2138	rBV8	14174	25297	0.46%	0.036%
53	15.440	2138	2145	2149	rVB8	11664	26398	0.48%	0.038%
54	15.493	2149	2154	2159	rBV8	11267	22934	0.42%	0.033%
55	15.652	2177	2181	2184	rBV3	33717	42873	0.78%	0.062%
56	15.693	2184	2188	2193	rVB2	98482	129687	2.35%	0.186%
57	15.799	2201	2206	2211	rVB4	50100	72021	1.30%	0.104%
58	15.881	2213	2220	2230	rVB	2880006	4522476	81.88%	6.501%
59	15.987	2230	2238	2249	rBV	1071780	1642707	29.74%	2.361%
60	16.110	2249	2259	2269	rVB9	41956	152164	2.76%	0.219%
61	16.251	2279	2283	2288	rBV7	24210	34062	0.62%	0.049%
62	16.316	2290	2294	2298	rVB5	20305	25125	0.45%	0.036%
63	16.504	2322	2326	2328	rBV4	14051	17868	0.32%	0.026%
64	16.557	2330	2335	2343	rVB	103970	202415	3.66%	0.291%
65	16.833	2375	2382	2387	rBV9	21823	56030	1.01%	0.081%
66	16.891	2389	2392	2397	rBV7	14044	28560	0.52%	0.041%
67	16.956	2401	2403	2406	rVB4	15893	14395	0.26%	0.021%
68	17.044	2414	2418	2428	rVB4	47139	92873	1.68%	0.134%
69	17.126	2428	2432	2434	rBV5	18458	22575	0.41%	0.032%
70	17.162	2434	2438	2444	rVB8	20320	35421	0.64%	0.051%
71	17.356	2459	2471	2491	rBV2	286009	641608	11.62%	0.922%

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72	17.638	2508	2519	2528	rBV	2506736	4038699	73.13%	5.805%
73	17.738	2528	2536	2547	rVB2	2882369	4710431	85.29%	6.771%
74	17.878	2558	2560	2564	rBV3	10827	15709	0.28%	0.023%
75	17.973	2570	2576	2578	rBV7	22990	40713	0.74%	0.059%
76	18.084	2591	2595	2598	rBV6	37454	59610	1.08%	0.086%
77	18.114	2598	2600	2604	rVB4	41478	40794	0.74%	0.059%
78	18.372	2636	2644	2647	rBV9	11634	35208	0.64%	0.051%
79	18.478	2656	2662	2672	rBV2	489837	720212	13.04%	1.035%
80	18.707	2698	2701	2705	rVB5	13967	17419	0.32%	0.025%
81	18.766	2707	2711	2714	rBV5	19437	34948	0.63%	0.050%
82	19.007	2749	2752	2754	rBV4	16925	17910	0.32%	0.026%
83	19.042	2754	2758	2765	rVB4	46334	72619	1.31%	0.104%
84	19.153	2772	2777	2778	rBV5	15746	25160	0.46%	0.036%
85	19.389	2814	2817	2820	rBV5	11803	16694	0.30%	0.024%
86	19.606	2850	2854	2856	rBV5	26889	48353	0.88%	0.070%
87	19.641	2856	2860	2866	rVB2	63132	112638	2.04%	0.162%
88	19.735	2872	2876	2885	rBV4	231174	314347	5.69%	0.452%
89	19.823	2889	2891	2896	rVB6	34815	38239	0.69%	0.055%
90	19.900	2899	2904	2910	rVB4	39511	70845	1.28%	0.102%
91	20.005	2915	2922	2933	rBV2	3551280	5522997	100.00%	7.939%
92	20.475	2996	3002	3004	rBV7	26873	62926	1.14%	0.090%
93	20.511	3005	3008	3014	rVB4	61814	88170	1.60%	0.127%
94	21.157	3115	3118	3124	rVB6	75644	88167	1.60%	0.127%
95	21.521	3175	3180	3196	rBV8	160835	386341	7.00%	0.555%
96	21.850	3234	3236	3242	rVB7	52701	69674	1.26%	0.100%
97	21.933	3242	3250	3262	rVB	2593581	4767116	86.31%	6.853%
98	23.542	3520	3524	3532	rVB9	49932	106787	1.93%	0.154%
99	25.135	3783	3795	3808	rBV2	1802380	5491333	99.43%	7.894%
100	25.376	3824	3836	3849	rVB	1533227	4701761	85.13%	6.759%

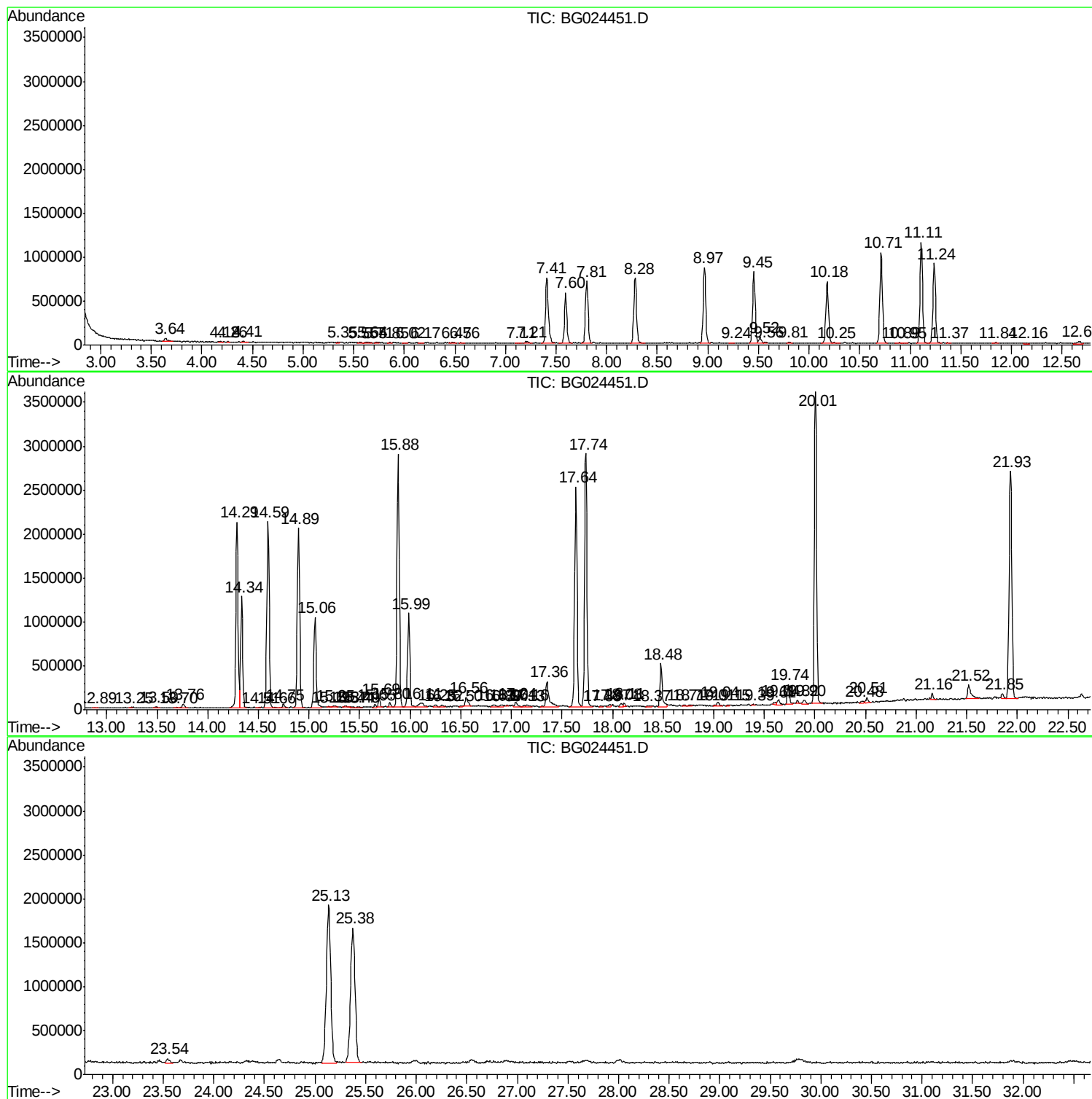
Sum of corrected areas: 69566855

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



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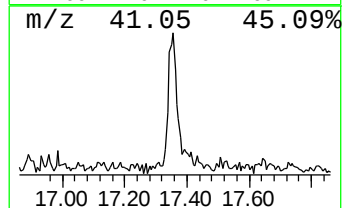
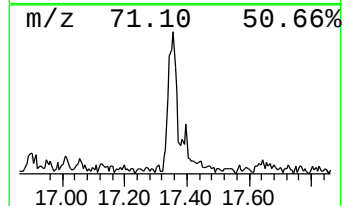
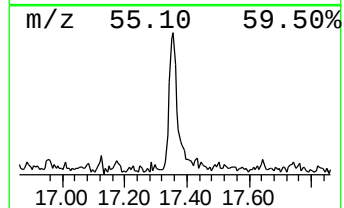
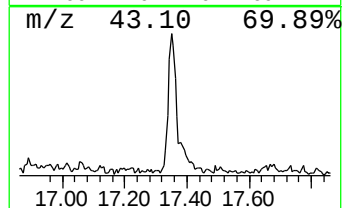
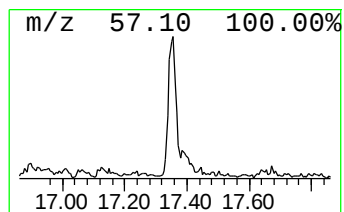
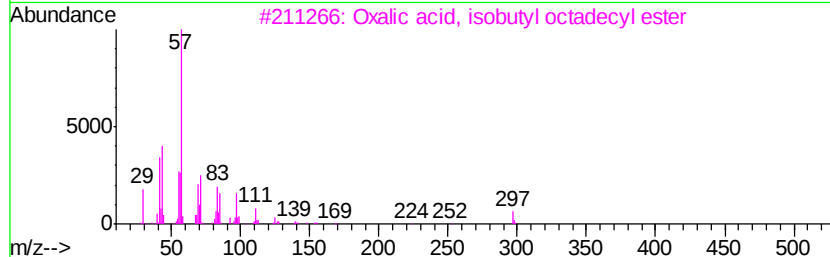
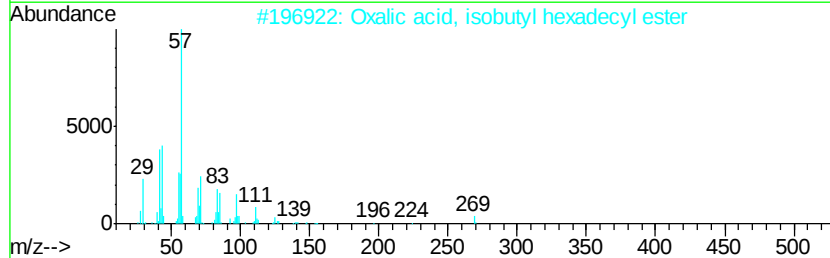
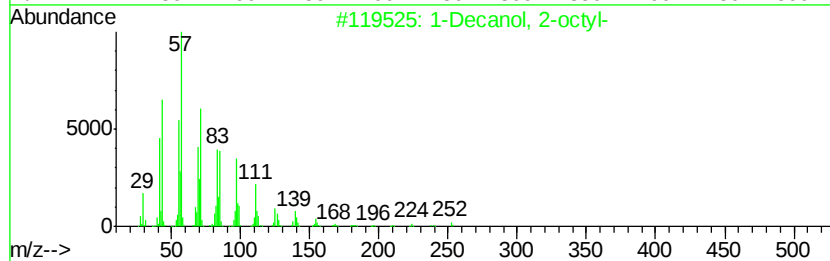
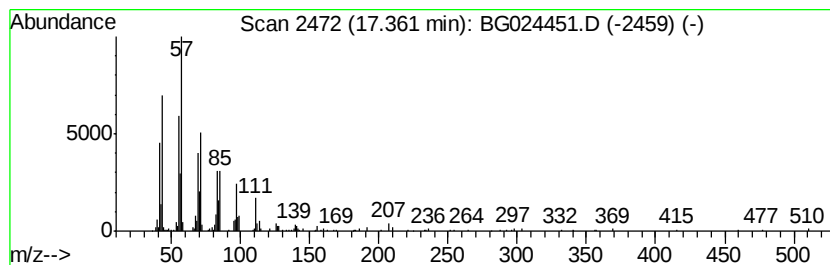
Instrument :
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 1-Decanol, 2-octyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.36	3.18 ng/ul	641608	Phenanthrene-d10	17.64		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Decanol, 2-octyl-		270	C18H38O	045235-48-1	86
2	Oxalic acid, isobutyl hexadecyl ...		370	C22H42O4	1000309-38-1	64
3	Oxalic acid, isobutyl octadecyl ...		398	C24H46O4	1000309-38-3	64
4	Oxalic acid, isobutyl pentadecyl...		356	C21H40O4	1000309-38-0	59
5	Dodecylisobutyl carbonate		286	C17H34O3	959067-22-2	58



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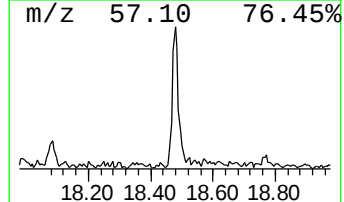
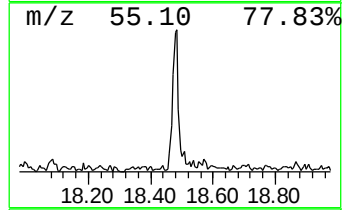
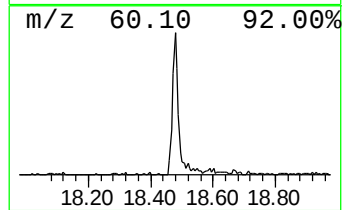
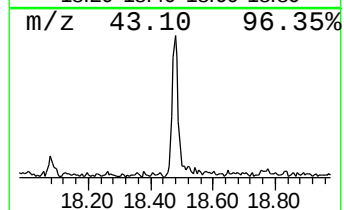
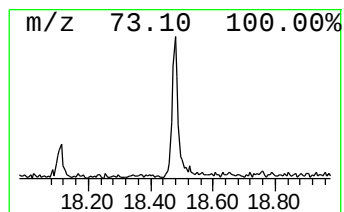
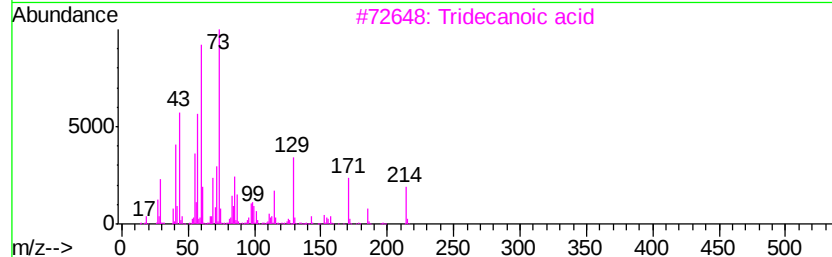
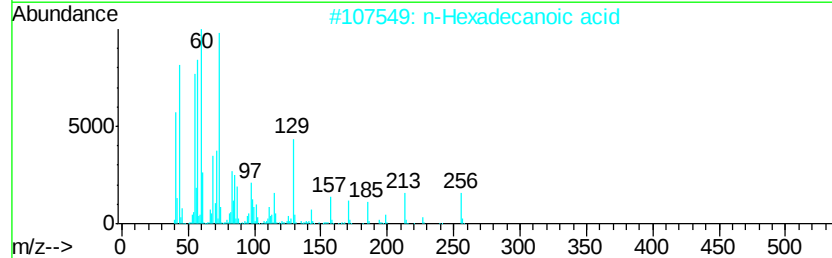
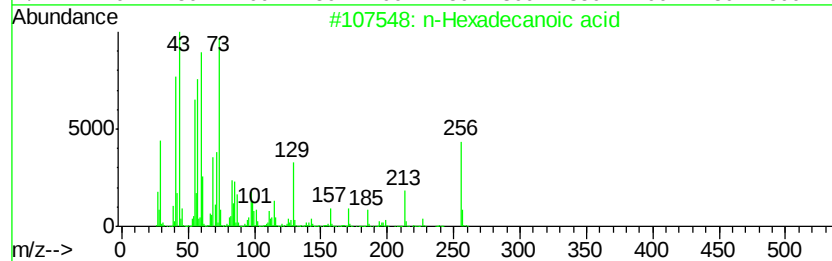
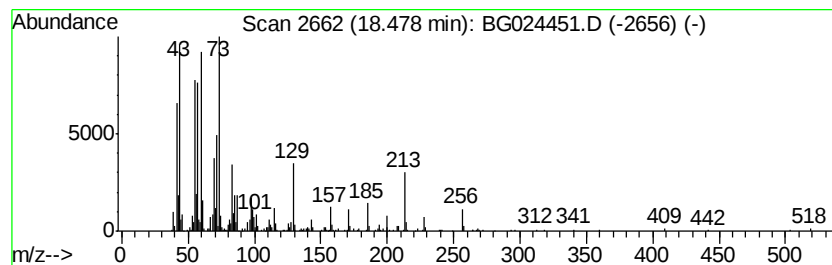
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.48	3.57 ng/ul	720212	Phenanthrene-d10	17.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	70
3		Tridecanoic acid	214	C13H26O2	000638-53-9	70
4		Decanoic acid, silver(1+) salt	278	C10H19AgO2	013126-67-5	64
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	64



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
1-Decanol, 2-octyl-	17.36	3.2	ng/ul	641608	4	17.64	4038700	20.0
n-Hexadecanoic acid	18.48	3.6	ng/ul	720212	4	17.64	4038700	20.0