

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101916\
 Data File : BG024449.D
 Acq On : 19 Oct 2016 19:15
 Operator : UM/SJ
 Sample : H5241-16
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDND2

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	3.202	58	62	71	rVB	106275	168341	3.91%	0.348%
2	3.290	73	77	81	rBV5	36989	42495	0.99%	0.088%
3	3.643	132	137	147	rVB6	34920	73156	1.70%	0.151%
4	3.708	147	148	153	rBV5	10879	15969	0.37%	0.033%
5	4.107	211	216	218	rBV6	11553	21877	0.51%	0.045%
6	4.148	218	223	230	rVV3	62360	106087	2.47%	0.219%
7	4.407	264	267	275	rBV6	20550	31412	0.73%	0.065%
8	4.824	336	338	344	rBV6	8504	14283	0.33%	0.029%
9	5.347	423	427	432	rBV4	14698	24945	0.58%	0.052%
10	5.535	455	459	460	rBV2	12658	14558	0.34%	0.030%
11	5.623	469	474	483	rVB8	11065	27740	0.65%	0.057%
12	5.717	484	490	495	rVB8	12223	25067	0.58%	0.052%
13	5.852	508	513	517	rVB5	15198	27511	0.64%	0.057%
14	6.516	622	626	630	rVB7	10381	16058	0.37%	0.033%
15	6.604	634	641	645	rVV9	10755	17738	0.41%	0.037%
16	6.763	660	668	676	rBV9	17469	35634	0.83%	0.074%
17	6.851	676	683	687	rBV8	18732	40439	0.94%	0.084%
18	7.051	714	717	724	rBV9	12525	17469	0.41%	0.036%
19	7.162	732	736	739	rVB5	7733	13751	0.32%	0.028%
20	7.203	739	743	745	rBV4	13976	18907	0.44%	0.039%
21	7.409	768	778	793	rBV2	452176	896469	20.85%	1.851%
22	7.597	802	810	817	rBV	326604	580473	13.50%	1.199%
23	7.803	837	845	853	rBV2	443246	803564	18.69%	1.659%
24	7.856	853	854	863	rVB7	19097	30718	0.71%	0.063%
25	8.279	919	926	937	rBV	672599	1217452	28.31%	2.514%
26	8.966	1033	1043	1052	rBV2	495924	882170	20.51%	1.822%
27	9.101	1062	1066	1072	rBV4	15814	25680	0.60%	0.053%
28	9.454	1118	1126	1133	rVV	483416	911649	21.20%	1.882%
29	9.507	1133	1135	1142	rVB4	26635	42539	0.99%	0.088%
30	9.806	1180	1186	1187	rBV6	13930	23235	0.54%	0.048%
31	10.182	1242	1250	1259	rBV	420376	797760	18.55%	1.647%
32	10.711	1327	1340	1349	rBV	634793	1179178	27.42%	2.435%
33	10.952	1377	1381	1386	rBV7	6840	15840	0.37%	0.033%
34	11.017	1386	1392	1396	rVB9	7119	15742	0.37%	0.033%

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35	11.111	1399	1408	1418	rBV	1064153	2013749	46.83%	4.158%
36	11.234	1420	1429	1441	rBV	489013	952501	22.15%	1.967%
37	11.616	1492	1494	1499	rBV5	7638	14247	0.33%	0.029%
38	12.139	1578	1583	1587	rVB5	10821	13633	0.32%	0.028%
39	12.673	1667	1674	1681	rVV9	16989	35871	0.83%	0.074%
40	12.750	1684	1687	1692	rVB6	8671	13454	0.31%	0.028%
41	13.196	1758	1763	1766	rVV6	7596	13893	0.32%	0.029%
42	13.238	1766	1770	1777	rVB6	14021	26440	0.61%	0.055%
43	13.326	1780	1785	1788	rBV6	8017	14059	0.33%	0.029%
44	13.543	1819	1822	1826	rBV6	8157	17798	0.41%	0.037%
45	13.684	1843	1846	1854	rVB8	11660	25801	0.60%	0.053%
46	13.755	1854	1858	1865	rBV5	24004	46512	1.08%	0.096%
47	14.289	1933	1949	1953	rBV	1216301	1848057	42.98%	3.816%
48	14.336	1953	1957	1967	rVB	660215	977736	22.74%	2.019%
49	14.595	1993	2001	2011	rVV	1256271	2048561	47.64%	4.230%
50	14.748	2021	2027	2033	rBV6	27895	42702	0.99%	0.088%
51	14.894	2044	2052	2061	rBV	1890787	3071301	71.42%	6.342%
52	15.059	2069	2080	2094	rBV2	547593	960055	22.33%	1.982%
53	15.253	2108	2113	2118	rBV9	13008	26239	0.61%	0.054%
54	15.359	2128	2131	2135	rBV4	11150	17459	0.41%	0.036%
55	15.429	2141	2143	2146	rBV4	12314	15324	0.36%	0.032%
56	15.511	2152	2157	2162	rBV7	11764	18275	0.42%	0.038%
57	15.652	2177	2181	2184	rBV3	18620	21774	0.51%	0.045%
58	15.693	2184	2188	2194	rVB2	60704	79054	1.84%	0.163%
59	15.746	2194	2197	2200	rBV5	14834	14545	0.34%	0.030%
60	15.799	2202	2206	2209	rBV3	40081	54965	1.28%	0.113%
61	15.881	2209	2220	2229	rVB	1728381	2721825	63.29%	5.620%
62	15.981	2231	2237	2246	rBV	530440	806937	18.76%	1.666%
63	16.116	2247	2260	2267	rBV	29418	83253	1.94%	0.172%
64	16.246	2279	2282	2290	rBV8	16999	28297	0.66%	0.058%
65	16.322	2290	2295	2301	rVB9	12840	26240	0.61%	0.054%
66	16.516	2320	2328	2329	rBV8	10708	26350	0.61%	0.054%
67	16.557	2329	2335	2344	rVV	81222	163542	3.80%	0.338%
68	16.810	2373	2378	2380	rBV4	14521	21143	0.49%	0.044%
69	16.986	2404	2408	2414	rBV9	24775	36426	0.85%	0.075%
70	17.039	2414	2417	2423	rVV5	40764	57573	1.34%	0.119%
71	17.151	2433	2436	2442	rVB6	21076	34871	0.81%	0.072%

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72	17.268	2454	2456	2462	rBV7	12876	26292	0.61%	0.054%
73	17.356	2462	2471	2480	rBV3	107305	286689	6.67%	0.592%
74	17.485	2489	2493	2495	rBV4	14839	23189	0.54%	0.048%
75	17.638	2508	2519	2528	rBV2	2237145	3599810	83.71%	7.433%
76	17.732	2528	2535	2546	rVB2	1748440	2778599	64.62%	5.737%
77	18.079	2591	2594	2597	rBV4	20988	24629	0.57%	0.051%
78	18.108	2597	2599	2605	rVB7	38657	52266	1.22%	0.108%
79	18.267	2625	2626	2631	rVB5	12894	16591	0.39%	0.034%
80	18.349	2636	2640	2651	rBV5	37464	93283	2.17%	0.193%
81	18.478	2656	2662	2669	rBV2	381344	535732	12.46%	1.106%
82	18.713	2696	2702	2705	rBV8	11564	21689	0.50%	0.045%
83	18.766	2708	2711	2715	rBV6	15904	21830	0.51%	0.045%
84	18.901	2733	2734	2737	rVB3	13815	14234	0.33%	0.029%
85	19.042	2754	2758	2762	rVB6	39538	47721	1.11%	0.099%
86	19.348	2807	2810	2814	rVB6	21607	22817	0.53%	0.047%
87	19.524	2839	2840	2843	rBV3	12239	15293	0.36%	0.032%
88	19.642	2850	2860	2863	rBV10	46136	129881	3.02%	0.268%
89	19.736	2871	2876	2886	rBV2	160317	247773	5.76%	0.512%
90	19.824	2888	2891	2896	rVB6	36130	48468	1.13%	0.100%
91	19.894	2900	2903	2909	rVB5	23704	37949	0.88%	0.078%
92	20.006	2914	2922	2934	rVB	2298540	3436422	79.91%	7.096%
93	20.517	3006	3009	3016	rVB9	62978	80207	1.87%	0.166%
94	21.164	3115	3119	3125	rVB8	60437	109492	2.55%	0.226%
95	21.516	3175	3179	3189	rBV6	153855	298988	6.95%	0.617%
96	21.851	3233	3236	3241	rVB6	53109	79504	1.85%	0.164%
97	21.933	3242	3250	3265	rVB	2389247	4300231	100.00%	8.879%
98	23.672	3541	3546	3555	rVB	142239	292521	6.80%	0.604%
99	25.135	3784	3795	3810	rVB	1034229	3134244	72.89%	6.472%
100	25.376	3824	3836	3849	rVB	1339508	4087113	95.04%	8.439%

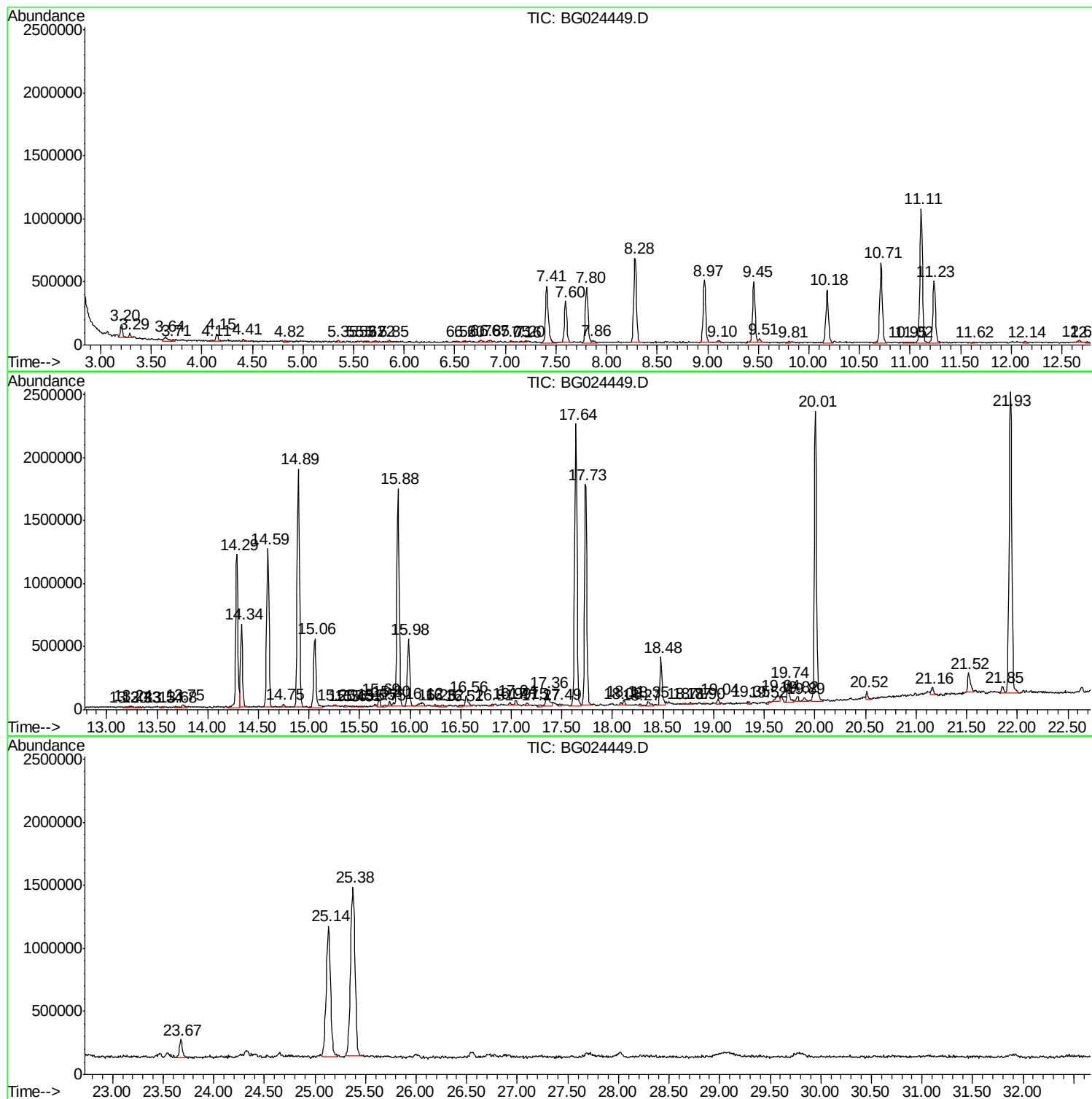
Sum of corrected areas: 48429825

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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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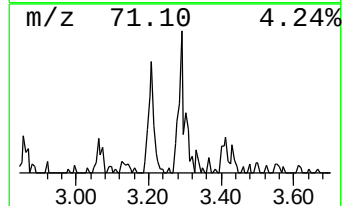
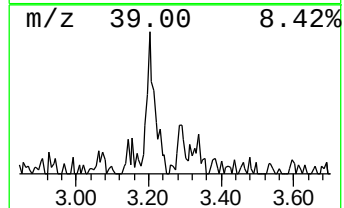
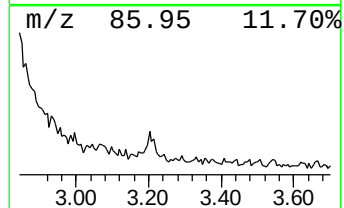
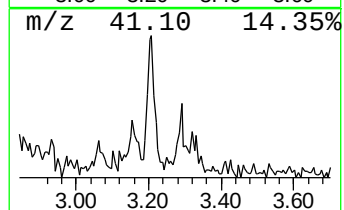
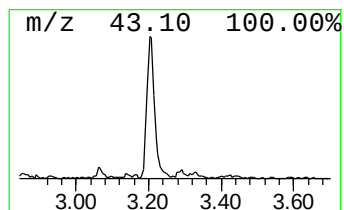
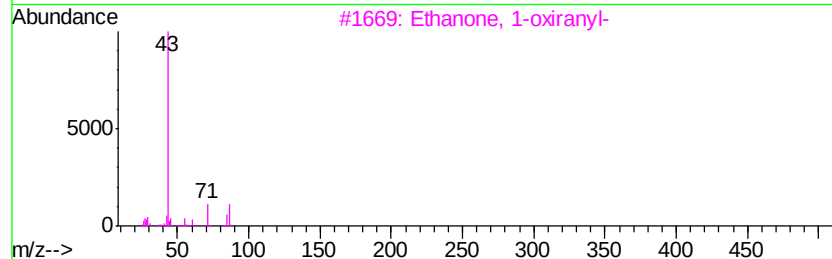
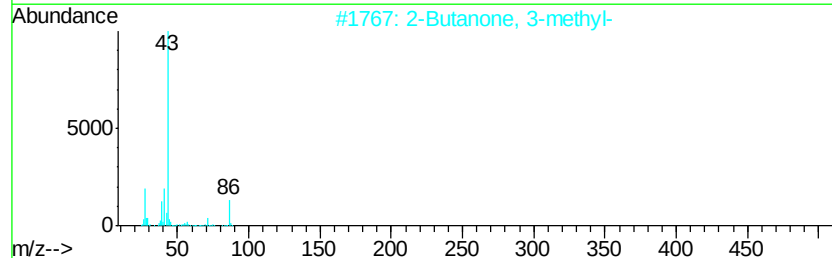
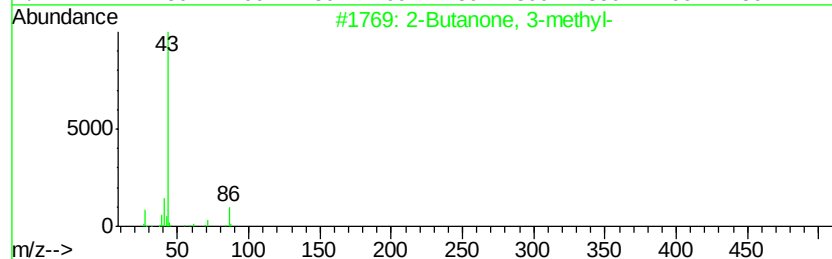
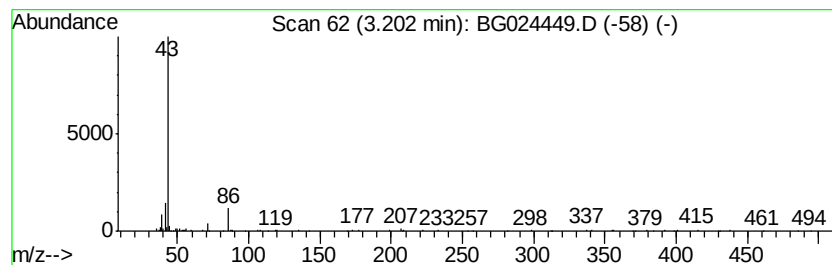
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG0100716.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.20	2.77 ng/ul	168341	1,4-Dichlorobenzene-d4	8.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Butanone, 3-methyl-	86	C5H10O	000563-80-4	14
2		2-Butanone, 3-methyl-	86	C5H10O	000563-80-4	10
3		Ethanone, 1-oxiran-yl-	86	C4H6O2	004401-11-0	9
4		2-Butanone, 3-methyl-	86	C5H10O	000563-80-4	9
5		Oxalic acid, monoamide, n-propyl...	173	C8H15NO3	1000309-64-1	9



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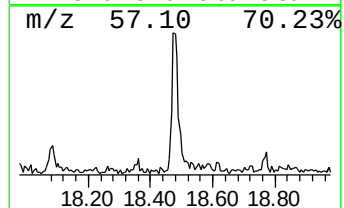
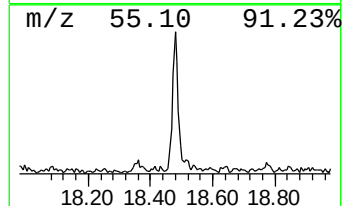
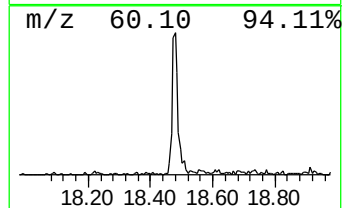
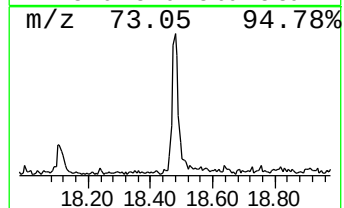
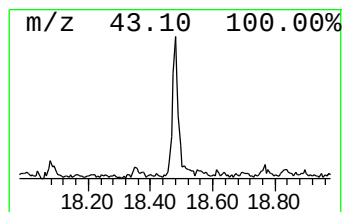
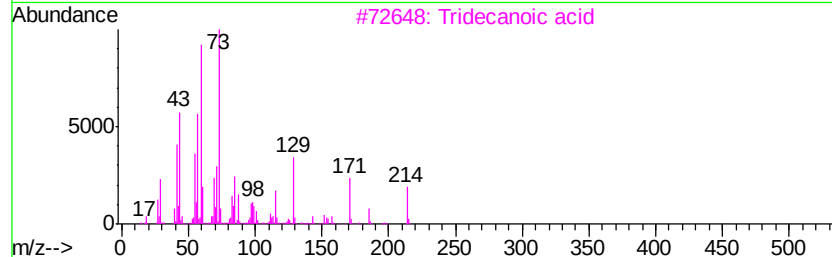
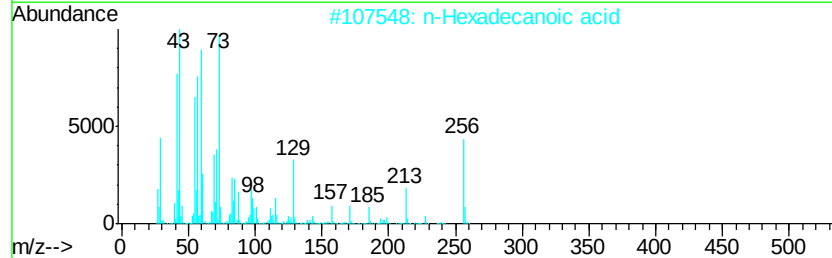
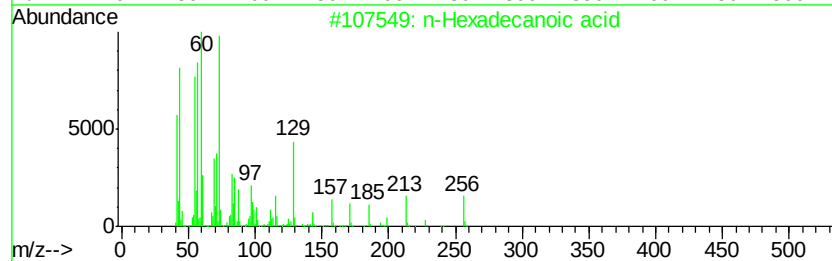
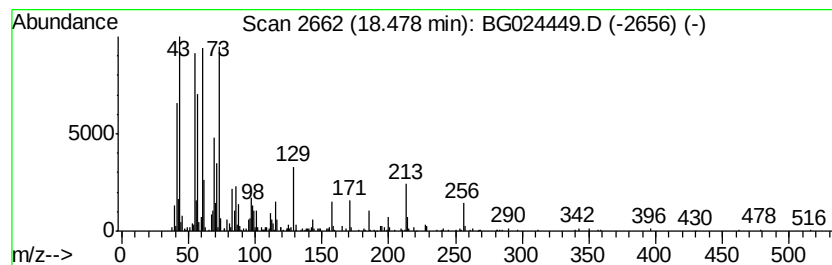
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.48	2.98 ng/ul	535732	Phenanthrene-d10	17.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
3		Tridecanoic acid	214	C13H26O2	000638-53-9	95
4		Tridecanoic acid	214	C13H26O2	000638-53-9	93
5		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown-01	3.20	2.8	ng/ul	168341	1	8.28	1217450	20.0
n-Hexadecanoic acid	18.48	3.0	ng/ul	535732	4	17.64	3599810	20.0