

Data Path : Z:\HPCHEM1\BNA G\DATA\BG090115\
 Data File : BG018561.D
 Acq On : 1 Sep 2015 13:44
 Operator : UM/IZ
 Sample : G3478-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AE9

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 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: 5

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.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	2.891	6	9	13	rVB3	31700	42080	1.88%	0.185%
2	3.108	42	46	54	rVV	79459	122135	5.44%	0.536%
3	3.184	54	59	69	rVB	657650	864620	38.53%	3.796%
4	3.443	100	103	108	rVB3	16888	25332	1.13%	0.111%
5	4.066	207	209	212	rVV3	4342	4121	0.18%	0.018%
6	4.865	343	345	349	rVB5	5744	4965	0.22%	0.022%
7	4.912	351	353	356	rVB3	3689	4057	0.18%	0.018%
8	4.941	356	358	361	rBV3	4622	5421	0.24%	0.024%
9	5.100	382	385	386	rBV3	4025	4081	0.18%	0.018%
10	5.564	458	464	467	rBV7	3356	5884	0.26%	0.026%
11	5.623	472	474	477	rBV3	3772	4098	0.18%	0.018%
12	6.104	553	556	560	rVB5	3888	5785	0.26%	0.025%
13	6.527	624	628	630	rBV4	5855	9490	0.42%	0.042%
14	6.569	630	635	637	rVB6	5516	6861	0.31%	0.030%
15	6.663	649	651	654	rVB4	3880	4388	0.20%	0.019%
16	6.698	654	657	659	rBV4	4323	4412	0.20%	0.019%
17	6.804	672	675	676	rBV2	3848	4351	0.19%	0.019%
18	7.168	730	737	745	rBV	243176	409312	18.24%	1.797%
19	7.262	751	753	757	rVB5	3571	4098	0.18%	0.018%
20	7.332	757	765	771	rBV	213287	348442	15.53%	1.530%
21	7.544	794	801	809	rBV	235173	409334	18.24%	1.797%
22	8.008	873	880	888	rVV	317640	528857	23.57%	2.322%
23	8.613	981	983	990	rVB5	5262	8381	0.37%	0.037%
24	8.707	990	999	1009	rBV	303375	528379	23.54%	2.320%
25	8.778	1009	1011	1016	rVB5	3918	6335	0.28%	0.028%
26	9.089	1063	1064	1067	rBV3	3727	4124	0.18%	0.018%
27	9.166	1070	1077	1086	rVV	233779	408851	18.22%	1.795%
28	9.271	1089	1095	1097	rBV6	5829	5976	0.27%	0.026%
29	9.489	1131	1132	1136	rVB3	4426	4152	0.19%	0.018%
30	9.824	1187	1189	1192	rBV3	3477	5220	0.23%	0.023%
31	9.888	1194	1200	1208	rVB2	195667	340118	15.16%	1.493%
32	10.429	1284	1292	1303	rBV	315986	560470	24.97%	2.461%
33	10.552	1311	1313	1316	rBV3	3795	4843	0.22%	0.021%
34	10.582	1316	1318	1321	rVB4	7701	9163	0.41%	0.040%

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35	10.764	1346	1349	1350	rBV3	5198	4727	0.21%	0.021%
36	10.817	1350	1358	1366	rVV	457533	830182	36.99%	3.645%
37	10.940	1370	1379	1388	rBV	300633	556831	24.81%	2.445%
38	11.034	1392	1395	1398	rBV4	2601	3944	0.18%	0.017%
39	11.116	1407	1409	1415	rVB5	3108	4441	0.20%	0.019%
40	11.422	1458	1461	1464	rBV4	3072	4551	0.20%	0.020%
41	11.639	1496	1498	1501	rVB3	4623	4742	0.21%	0.021%
42	12.045	1565	1567	1568	rBV2	5473	4086	0.18%	0.018%
43	12.996	1725	1729	1738	rVB6	14966	29769	1.33%	0.131%
44	13.243	1767	1771	1776	rBV3	26642	35295	1.57%	0.155%
45	13.531	1817	1820	1822	rBV4	4132	4581	0.20%	0.020%
46	14.036	1898	1906	1910	rBV	693608	1002991	44.69%	4.404%
47	14.083	1910	1914	1920	rVB	349795	499846	22.27%	2.195%
48	14.171	1925	1929	1931	rVB3	5965	8180	0.36%	0.036%
49	14.283	1944	1948	1949	rBV4	6216	6659	0.30%	0.029%
50	14.330	1949	1956	1965	rVV	583179	929079	41.40%	4.079%
51	14.412	1967	1970	1976	rVB7	3786	6580	0.29%	0.029%
52	14.465	1976	1979	1985	rBV6	3877	7964	0.35%	0.035%
53	14.530	1987	1990	1994	rBV3	5431	6719	0.30%	0.029%
54	14.636	2000	2008	2016	rBV2	830032	1324755	59.03%	5.816%
55	14.824	2031	2040	2051	rBV	285064	481586	21.46%	2.114%
56	14.994	2068	2069	2073	rBV3	3422	4179	0.19%	0.018%
57	15.041	2076	2077	2081	rVB5	6233	5473	0.24%	0.024%
58	15.147	2092	2095	2100	rVV5	5127	6116	0.27%	0.027%
59	15.247	2110	2112	2113	rBV	4563	3975	0.18%	0.017%
60	15.364	2130	2132	2136	rVV5	6711	8230	0.37%	0.036%
61	15.429	2141	2143	2145	rVV3	10630	12084	0.54%	0.053%
62	15.476	2148	2151	2156	rVB5	16257	24415	1.09%	0.107%
63	15.623	2170	2176	2183	rBV	720861	1083780	48.29%	4.758%
64	15.734	2188	2195	2203	rBV	234402	349426	15.57%	1.534%
65	15.811	2205	2208	2212	rVV6	3694	5852	0.26%	0.026%
66	15.864	2214	2217	2225	rVV8	10350	23013	1.03%	0.101%
67	15.916	2225	2226	2231	rVB4	5775	5794	0.26%	0.025%
68	16.034	2244	2246	2249	rVB3	6150	4428	0.20%	0.019%
69	16.222	2275	2278	2281	rBV4	3193	4515	0.20%	0.020%
70	16.298	2288	2291	2292	rBV3	3946	4248	0.19%	0.019%
71	16.340	2294	2298	2301	rBV2	25343	30911	1.38%	0.136%

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72	16.510	2325	2327	2331	rBV5	7532	10301	0.46%	0.045%
73	16.580	2336	2339	2341	rVV4	5229	5737	0.26%	0.025%
74	16.686	2353	2357	2361	rBV6	5246	7842	0.35%	0.034%
75	16.768	2365	2371	2373	rBV6	7252	10478	0.47%	0.046%
76	16.851	2383	2385	2391	rVB5	5075	5383	0.24%	0.024%
77	17.133	2428	2433	2437	rBV3	28375	47008	2.09%	0.206%
78	17.379	2468	2475	2484	rBV2	1213847	1855840	82.69%	8.148%
79	17.474	2484	2491	2501	rVV2	857252	1267923	56.50%	5.567%
80	17.556	2503	2505	2510	rVB6	7757	10549	0.47%	0.046%
81	17.650	2519	2521	2525	rVB4	6455	7100	0.32%	0.031%
82	17.867	2555	2558	2563	rVB3	15216	19296	0.86%	0.085%
83	17.908	2563	2565	2568	rBV3	4425	3918	0.17%	0.017%
84	18.038	2585	2587	2592	rVB6	7514	9026	0.40%	0.040%
85	18.090	2594	2596	2600	rVB5	6206	4583	0.20%	0.020%
86	18.137	2602	2604	2608	rBV5	3727	4902	0.22%	0.022%
87	18.261	2621	2625	2629	rBV6	27457	45499	2.03%	0.200%
88	18.461	2657	2659	2663	rVB5	6514	5474	0.24%	0.024%
89	18.690	2695	2698	2703	rBV7	14546	19284	0.86%	0.085%
90	18.801	2716	2717	2720	rVB3	6577	4464	0.20%	0.020%
91	18.825	2720	2721	2724	rBV3	6738	6256	0.28%	0.027%
92	19.418	2820	2822	2825	rBV4	8543	8792	0.39%	0.039%
93	19.683	2863	2867	2871	rVB2	200378	238192	10.61%	1.046%
94	19.759	2874	2880	2890	rVB	843979	1247710	55.60%	5.478%
95	19.830	2890	2892	2895	rBV4	7210	9055	0.40%	0.040%
96	20.723	3040	3044	3048	rBV	193898	216562	9.65%	0.951%
97	21.639	3193	3200	3207	rBV	1358980	2200403	98.05%	9.661%
98	23.320	3482	3486	3492	rVB	99160	172468	7.68%	0.757%
99	24.606	3698	3705	3717	rVB	400471	1046120	46.61%	4.593%
100	24.830	3734	3743	3761	rVB2	793674	2244217	100.00%	9.853%

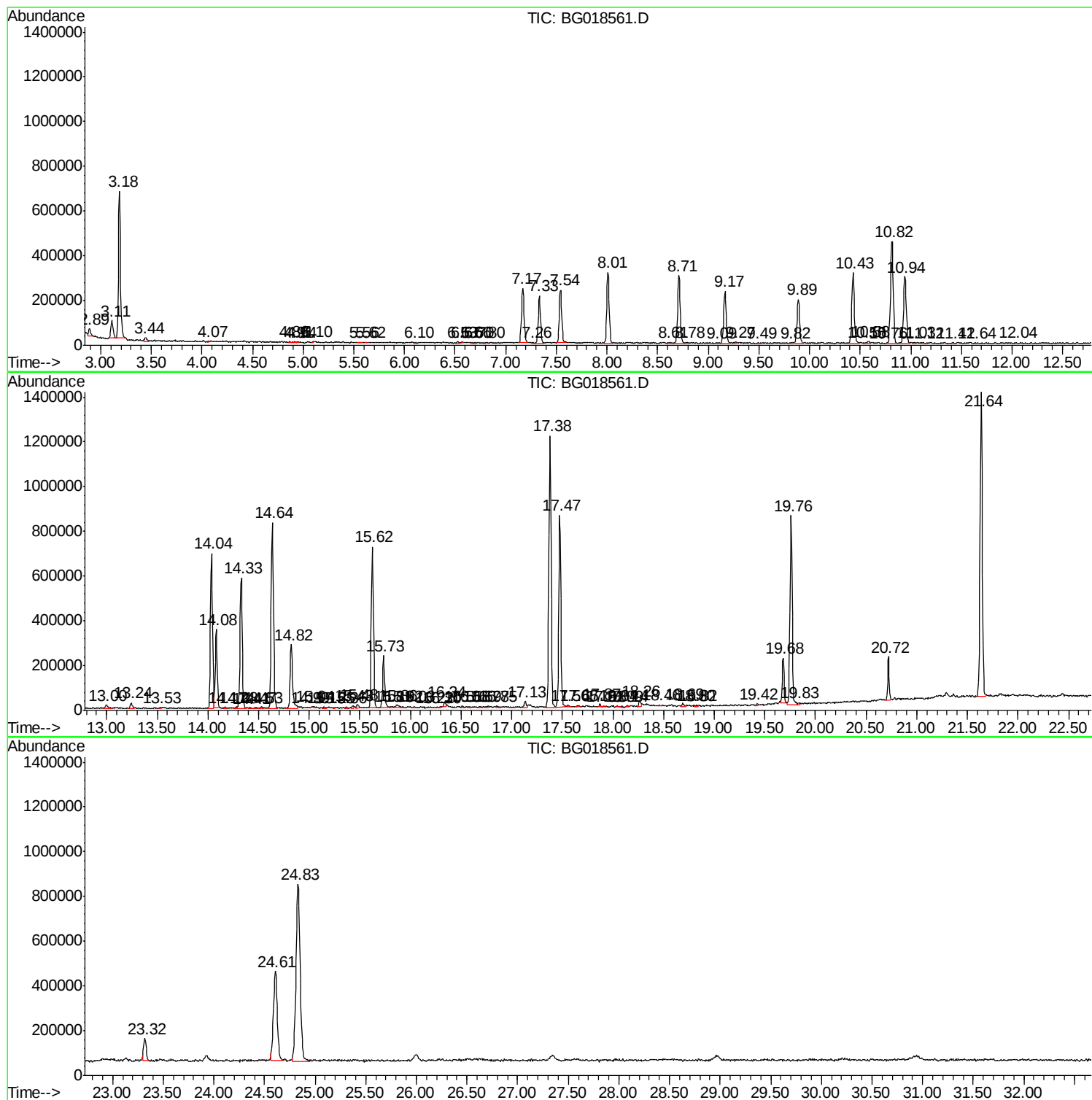
Sum of corrected areas: 22776465

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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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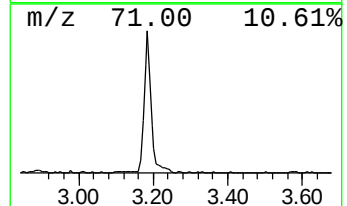
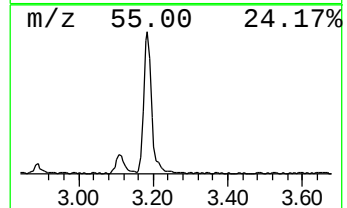
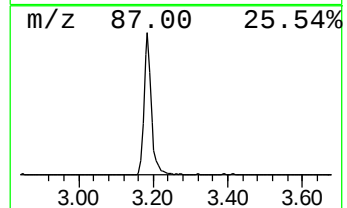
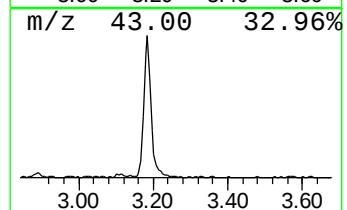
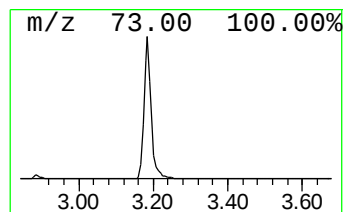
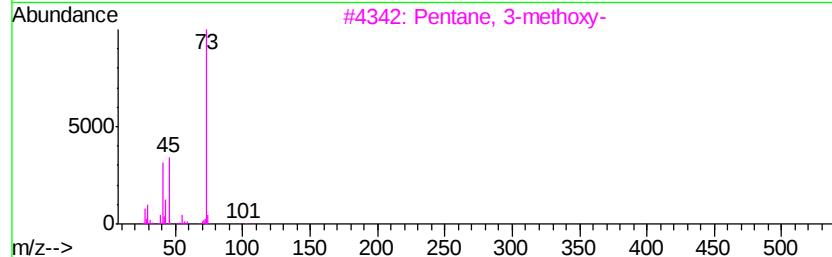
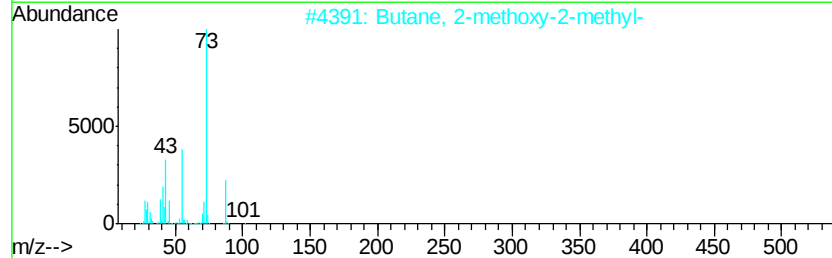
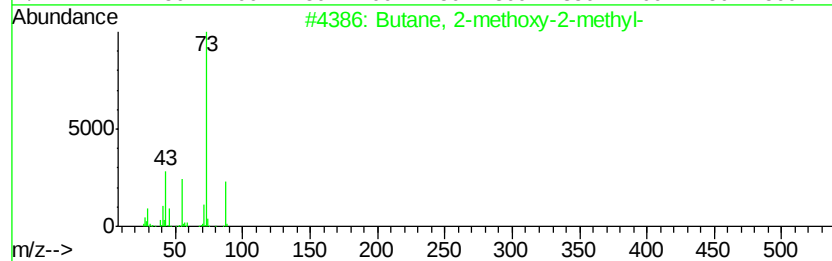
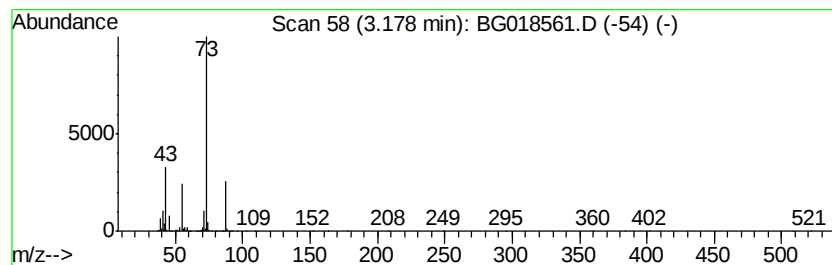
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.18	32.70 ng/ul	864620	1,4-Dichlorobenzene-d4	8.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	86
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
3		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9



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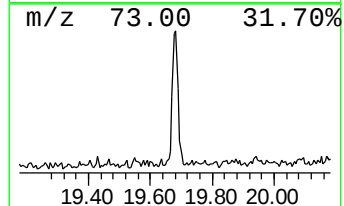
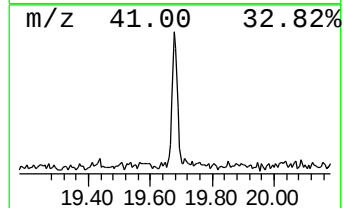
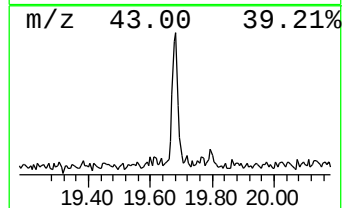
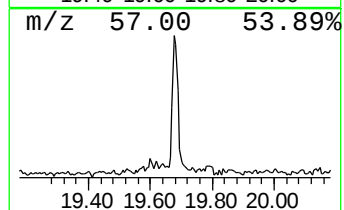
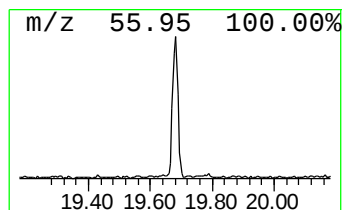
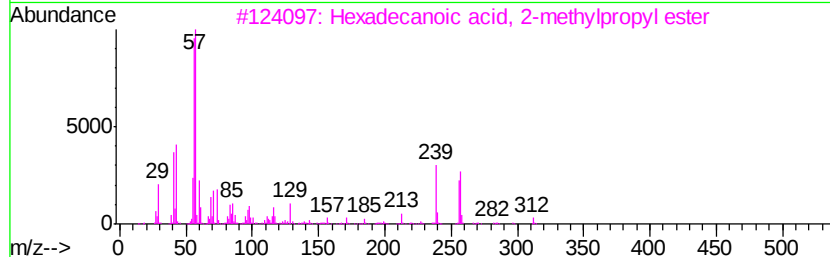
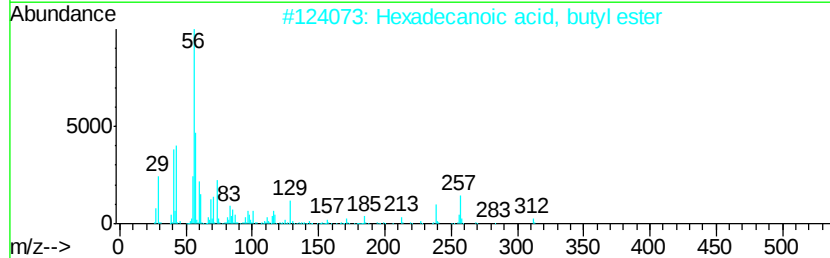
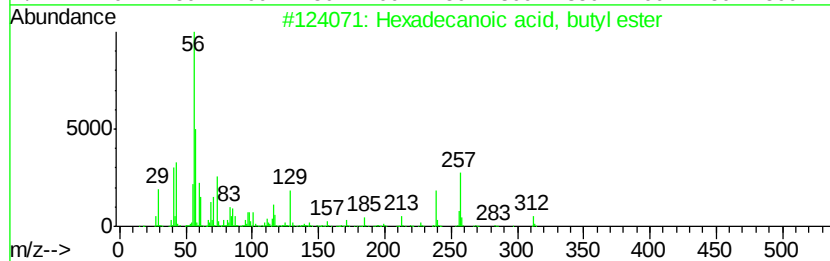
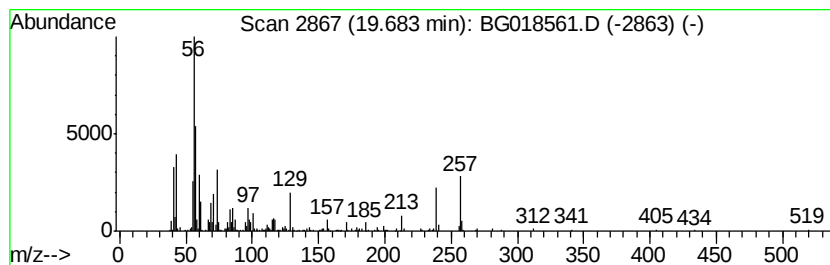
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Peak Number 3 Hexadecanoic acid, butyl ester Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.68	2.16 ng/ul	238192	Chrysene-d12	21.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	90
2		Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	83
3		Hexadecanoic acid, 2-methylpropyl...	312	C20H40O2	000110-34-9	43
4		Cyclopentanecarboxylic acid, 2-a...	129	C6H11NO2	037910-65-9	43
5		Cyclopentanecarboxylic acid, 2-a...	129	C6H11NO2	040482-05-1	43



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	3.18	32.7	ng/ul	864620	1	8.01	528857	20.0
Hexadecanoic acid...	19.68	2.2	ng/ul	238192	5	21.64	2200400	20.0