

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032715\
 Data File : BG016189.D
 Acq On : 27 Mar 2015 23:31
 Operator : TP/IZ
 Sample : G1647-14
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AD3

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\SOM01.2-EPA-BG031715.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	2.720	3	5	13	rVB2	23481	32025	1.35%	0.120%
2	2.931	36	41	50	rBV	232353	425664	17.94%	1.595%
3	3.008	50	54	67	rVB	563401	750147	31.62%	2.811%
4	3.824	190	193	198	rVB2	8298	9423	0.40%	0.035%
5	4.911	373	378	385	rBV2	22893	39304	1.66%	0.147%
6	5.451	465	470	477	rVB2	4850	8248	0.35%	0.031%
7	5.816	528	532	538	rVB2	5606	7669	0.32%	0.029%
8	6.961	718	727	737	rBV	258320	429099	18.09%	1.608%
9	7.126	745	755	762	rBV	234086	345854	14.58%	1.296%
10	7.325	783	789	797	rVB	268597	420031	17.70%	1.574%
11	7.413	797	804	807	rBV3	14299	22541	0.95%	0.084%
12	7.789	859	868	875	rBV	236349	366552	15.45%	1.373%
13	7.860	875	880	881	rBV3	3846	5617	0.24%	0.021%
14	8.488	981	987	995	rVB	334418	532117	22.43%	1.994%
15	8.606	1002	1007	1015	rVB	25657	41908	1.77%	0.157%
16	8.941	1058	1064	1071	rBV	233798	383175	16.15%	1.436%
17	9.011	1071	1076	1080	rVB	8346	12489	0.53%	0.047%
18	9.358	1130	1135	1140	rBV2	4310	5640	0.24%	0.021%
19	9.663	1179	1187	1198	rBV	195824	330383	13.92%	1.238%
20	9.822	1208	1214	1217	rBV6	2751	5503	0.23%	0.021%
21	9.975	1236	1240	1244	rBV4	4128	7819	0.33%	0.029%
22	10.198	1270	1278	1289	rVB	315619	527349	22.23%	1.976%
23	10.351	1299	1304	1310	rVB4	5956	9301	0.39%	0.035%
24	10.574	1331	1342	1348	rBV	339931	588436	24.80%	2.205%
25	10.627	1348	1351	1358	rVB	21824	33597	1.42%	0.126%
26	10.715	1358	1366	1377	rBV	213843	384968	16.23%	1.442%
27	11.490	1492	1498	1505	rVB6	3816	7592	0.32%	0.028%
28	11.596	1511	1516	1522	rBV3	6194	11261	0.47%	0.042%
29	11.995	1579	1584	1589	rBV2	14983	21905	0.92%	0.082%
30	12.166	1606	1613	1617	rVB3	6480	11647	0.49%	0.044%
31	12.236	1617	1625	1631	rBV	23448	37507	1.58%	0.141%
32	12.459	1657	1663	1669	rVB	17924	28475	1.20%	0.107%
33	12.524	1669	1674	1678	rBV2	8881	13168	0.55%	0.049%
34	12.953	1743	1747	1751	rVB3	6751	9748	0.41%	0.037%

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35	13.241	1792	1796	1803	rVB2	25439	37364	1.57%	0.140%
36	13.452	1827	1832	1838	rVB7	5114	11136	0.47%	0.042%
37	13.593	1846	1856	1860	rBV5	9572	25112	1.06%	0.094%
38	13.734	1876	1880	1886	rBV2	16295	28834	1.22%	0.108%
39	13.787	1886	1889	1890	rVV3	12451	13596	0.57%	0.051%
40	13.822	1890	1895	1900	rVV	536799	738305	31.12%	2.766%
41	13.869	1900	1903	1907	rVV	43045	60731	2.56%	0.228%
42	13.946	1911	1916	1917	rBV4	5115	6897	0.29%	0.026%
43	13.969	1917	1920	1923	rVV2	8387	11374	0.48%	0.043%
44	14.004	1923	1926	1932	rVB7	4777	8093	0.34%	0.030%
45	14.063	1932	1936	1937	rBV3	4613	5418	0.23%	0.020%
46	14.110	1937	1944	1956	rVB	687160	1026695	43.27%	3.847%
47	14.245	1963	1967	1973	rVB7	6682	11669	0.49%	0.044%
48	14.310	1975	1978	1986	rVB	32006	41540	1.75%	0.156%
49	14.416	1986	1996	2002	rBV2	511556	783318	33.01%	2.935%
50	14.480	2002	2007	2013	rVB2	45427	73852	3.11%	0.277%
51	14.615	2024	2030	2040	rBV	226195	354192	14.93%	1.327%
52	14.762	2052	2055	2058	rBV4	11332	14445	0.61%	0.054%
53	14.809	2058	2063	2067	rVV2	45886	86393	3.64%	0.324%
54	14.856	2067	2071	2080	rVB3	55132	84038	3.54%	0.315%
55	15.003	2092	2096	2097	rBV3	5177	6220	0.26%	0.023%
56	15.032	2097	2101	2105	rVV4	9349	17666	0.74%	0.066%
57	15.074	2105	2108	2115	rVB9	9210	16881	0.71%	0.063%
58	15.203	2126	2130	2133	rBV5	9255	12476	0.53%	0.047%
59	15.262	2137	2140	2144	rVB	31935	36315	1.53%	0.136%
60	15.403	2158	2164	2170	rBV	821130	1207048	50.87%	4.523%
61	15.455	2170	2173	2178	rVV	64749	96930	4.09%	0.363%
62	15.520	2180	2184	2189	rVB	126280	162553	6.85%	0.609%
63	15.620	2199	2201	2202	rBV2	7527	6223	0.26%	0.023%
64	15.749	2220	2223	2230	rVB	18523	30057	1.27%	0.113%
65	15.902	2246	2249	2256	rVB2	17646	31846	1.34%	0.119%
66	16.125	2282	2287	2288	rBV2	42141	53645	2.26%	0.201%
67	16.613	2366	2370	2372	rBV	40956	54390	2.29%	0.204%
68	16.642	2373	2375	2380	rVB	26893	33737	1.42%	0.126%
69	16.912	2418	2421	2424	rBV3	26863	29301	1.23%	0.110%
70	16.965	2428	2430	2435	rVB2	33199	43739	1.84%	0.164%
71	17.153	2457	2462	2466	rBV	581109	833365	35.12%	3.122%

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72	17.194	2466	2469	2474	rVB	380282	487116	20.53%	1.825%
73	17.253	2474	2479	2483	rBV2	824765	1181875	49.81%	4.428%
74	18.058	2612	2616	2626	rVB2	209031	374891	15.80%	1.405%
75	19.215	2808	2813	2818	rBV	1391435	1844290	77.73%	6.910%
76	19.544	2865	2869	2872	rBV2	1119585	1703873	71.81%	6.384%
77	19.579	2872	2875	2879	rVB	1448396	1792904	75.56%	6.718%
78	21.324	3169	3172	3177	rBV2	915938	1599571	67.42%	5.993%
79	23.550	3548	3551	3557	rVB	1490866	2372678	100.00%	8.890%
80	25.988	3959	3966	3979	rVB	690546	2043839	86.14%	7.658%
81	26.711	4083	4089	4103	rVB	433016	1327221	55.94%	4.973%

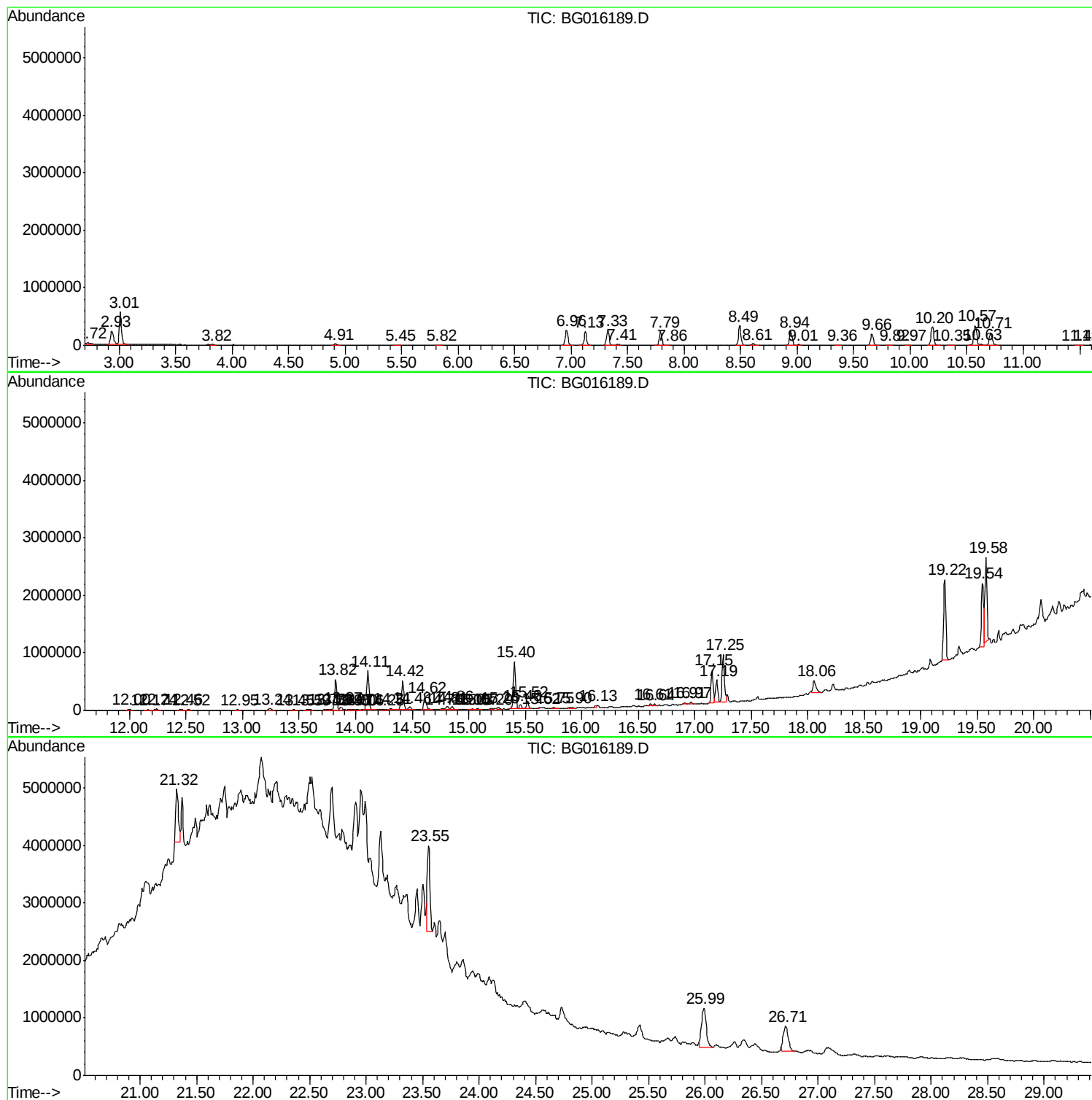
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG031715.M
Quant Title : SVOA CALIBRATION

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



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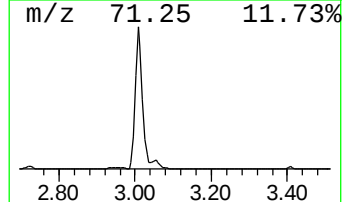
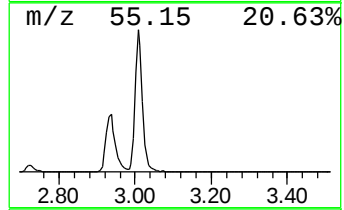
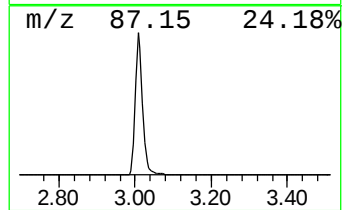
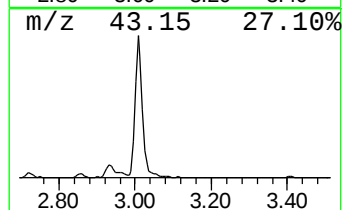
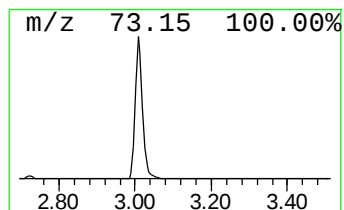
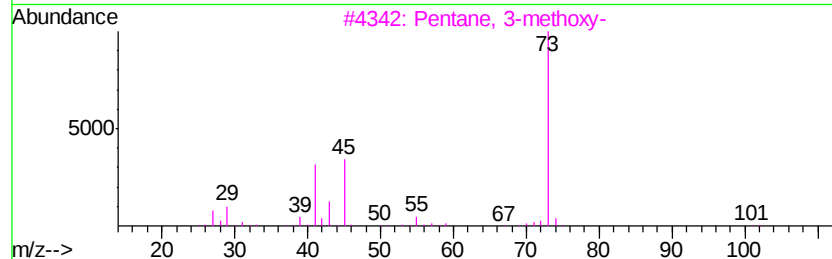
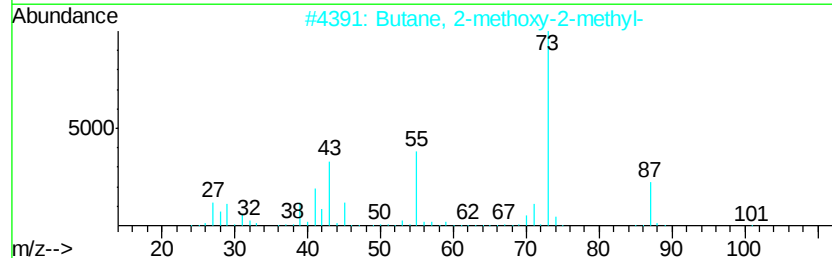
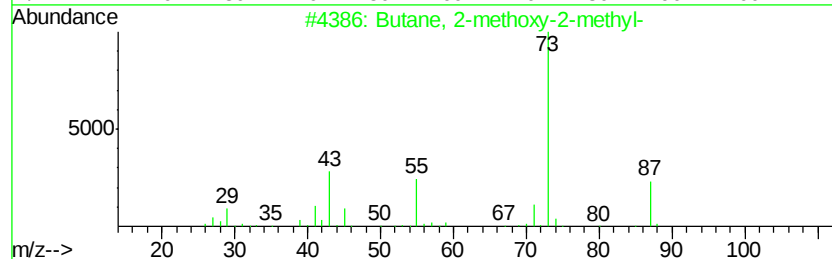
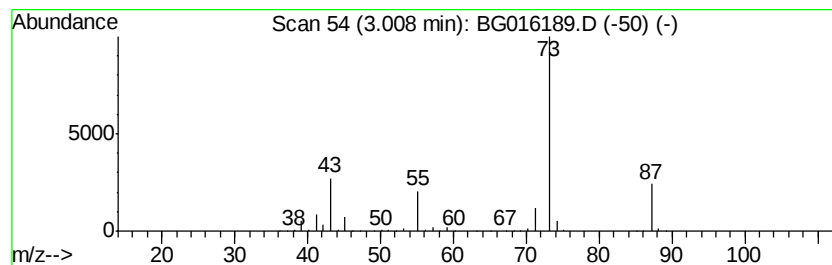
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG031715.M
Quant Title : SVOA CALIBRATION

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.
3.01	40.93 ng/ul	750147	1,4-Dichlorobenzene-d4	7.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	74
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	74
3		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5		N-Ethylformamide	73	C3H7NO	000627-45-2	9



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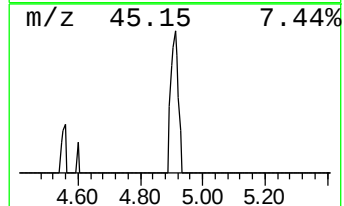
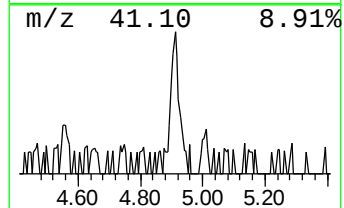
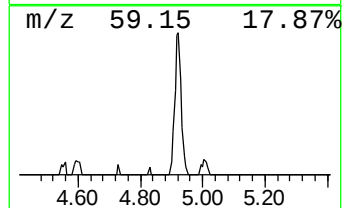
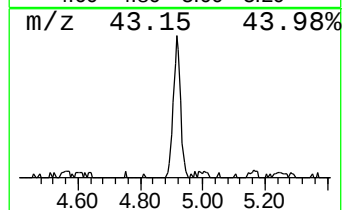
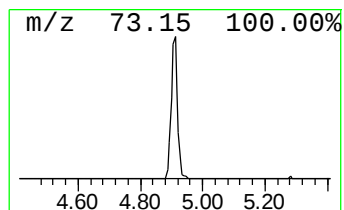
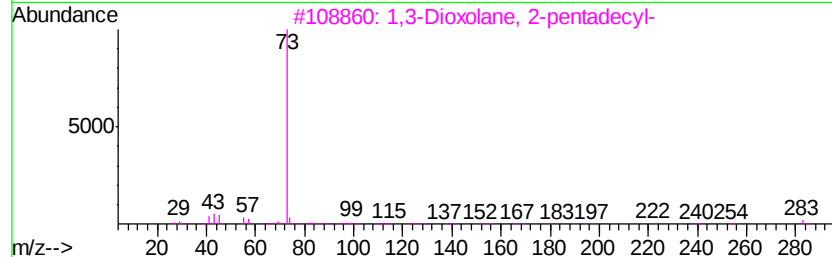
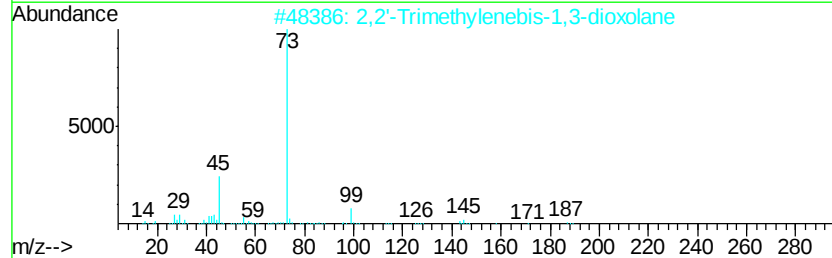
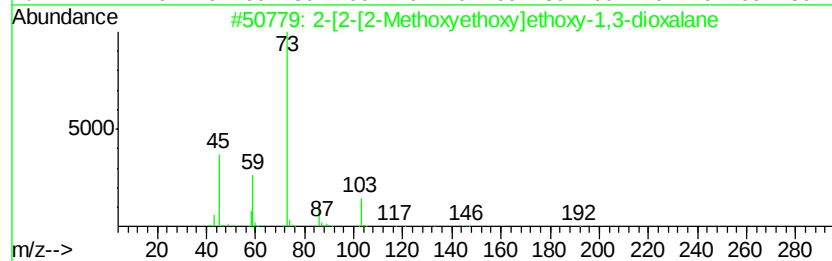
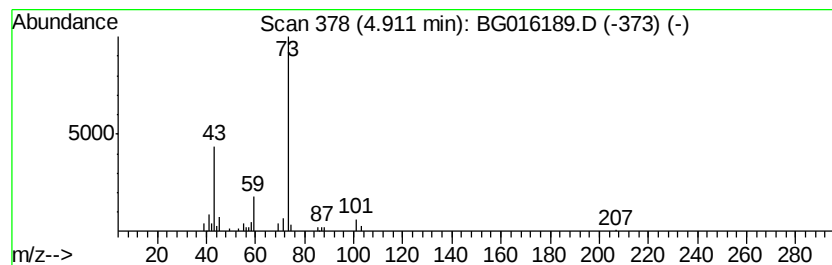
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 3 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.91	2.14 ng/ul	39304	1,4-Dichlorobenzene-d4	7.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	2	[2-[2-Methoxyethoxy]ethoxy-1,3...	192	C8H16O5	074733-99-6	42
2	2,2'	Trimethylenebis-1,3-dioxolane	188	C9H16O4	006543-04-0	9
3	1,3	Dioxolane, 2-pentadecyl-	284	C18H36O2	004360-57-0	9
4	Propane	, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
5	3-Heptanol	, 2,4-dimethyl-	144	C9H20O	019549-72-5	9



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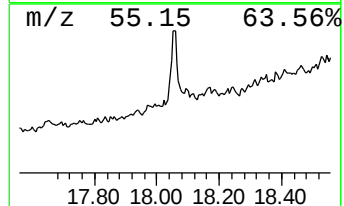
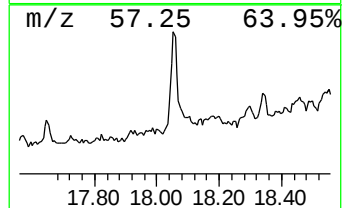
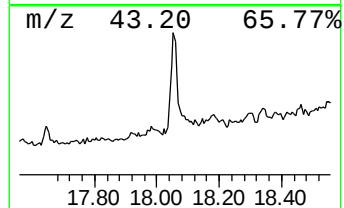
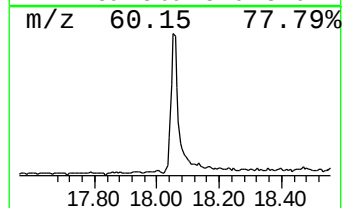
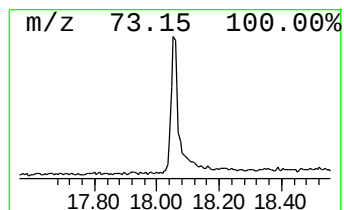
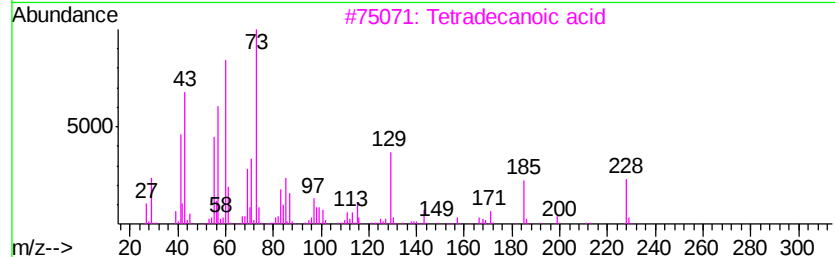
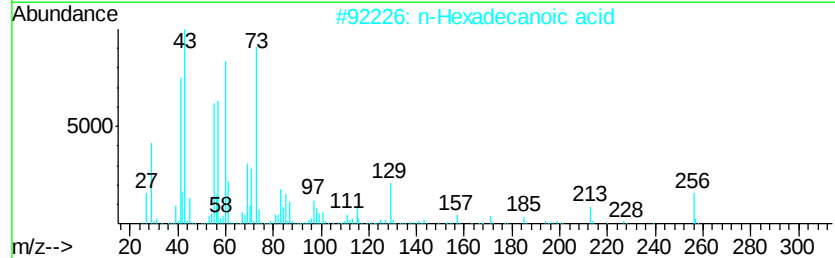
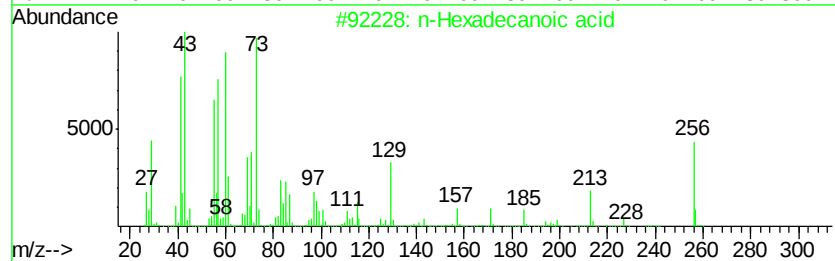
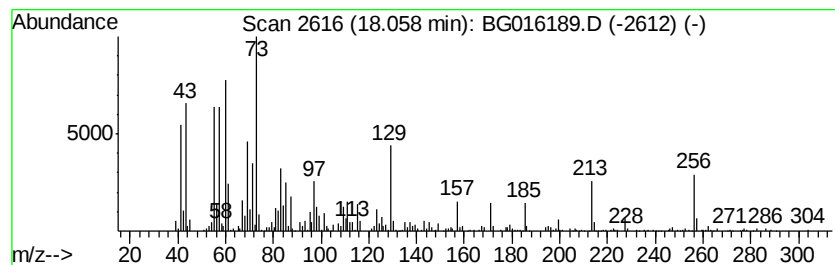
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.06	9.00 ng/ul	374891	Phenanthrene-d10	17.15

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96	
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95	
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	76	
4	n-Decanoic acid	172	C10H20O2	000334-48-5	60	
5	n-Decanoic acid	172	C10H20O2	000334-48-5	60	



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	3.01	40.9	ng/ul	750147	1	7.79	366552	20.0
unknown-01	4.91	2.1	ng/ul	39304	1	7.79	366552	20.0
n-Hexadecanoic acid	18.06	9.0	ng/ul	374891	4	17.15	833365	20.0