

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042015\
 Data File : BM001091.D
 Acq On : 21 Apr 2015 06:59
 Operator : TP/IZ
 Sample : G1859-09
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

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_M\Methods\SOM01.2-EPA-BM041515.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	2.781	11	16	27	rVB	327496	515601	16.07%	1.488%
2	3.557	146	148	151	rBV3	6310	6609	0.21%	0.019%
3	3.599	151	155	159	rVV2	32942	46658	1.45%	0.135%
4	3.646	161	163	164	rBV2	6681	4132	0.13%	0.012%
5	4.140	244	247	252	rBV6	9226	13916	0.43%	0.040%
6	4.340	280	281	288	rVB7	4470	6047	0.19%	0.017%
7	4.510	307	310	315	rBV6	5485	9645	0.30%	0.028%
8	4.687	336	340	345	rBV6	9773	19617	0.61%	0.057%
9	4.940	378	383	388	rBV6	14446	27801	0.87%	0.080%
10	5.081	405	407	412	rBV6	3399	5391	0.17%	0.016%
11	5.551	485	487	489	rBV3	3939	4723	0.15%	0.014%
12	5.734	515	518	519	rBV3	3925	4588	0.14%	0.013%
13	5.798	522	529	532	rBV6	6516	12816	0.40%	0.037%
14	5.910	546	548	552	rBV5	3739	5446	0.17%	0.016%
15	6.616	666	668	672	rVB5	6526	7779	0.24%	0.022%
16	6.757	684	692	704	rVB	576655	892513	27.81%	2.576%
17	6.910	709	718	726	rBV	493367	775856	24.18%	2.240%
18	7.004	731	734	738	rVB6	6139	10548	0.33%	0.030%
19	7.110	746	752	761	rVB	604817	961727	29.97%	2.776%
20	7.204	764	768	773	rVB6	12180	21040	0.66%	0.061%
21	7.575	824	831	841	rBV	864179	1334348	41.58%	3.852%
22	7.645	841	843	847	rVB4	4938	5646	0.18%	0.016%
23	7.798	865	869	871	rBV5	6539	8569	0.27%	0.025%
24	8.040	905	910	912	rBV5	3137	5221	0.16%	0.015%
25	8.110	919	922	924	rBV4	5711	4793	0.15%	0.014%
26	8.292	946	953	960	rBV	667034	1054493	32.86%	3.044%
27	8.345	960	962	970	rVB8	12880	26938	0.84%	0.078%
28	8.728	1019	1027	1034	rBV	566265	926835	28.88%	2.676%
29	8.892	1054	1055	1060	rVB4	4282	4671	0.15%	0.013%
30	9.151	1095	1099	1105	rVB2	13583	21220	0.66%	0.061%
31	9.445	1143	1149	1161	rBV	458145	768399	23.94%	2.218%
32	9.604	1174	1176	1178	rBV3	3578	4170	0.13%	0.012%
33	9.781	1203	1206	1210	rVB5	3252	4299	0.13%	0.012%
34	9.828	1210	1214	1215	rVB4	4009	4234	0.13%	0.012%

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35	9.928	1227	1231	1235	rVB3	11723	14046	0.44%	0.041%
36	9.986	1235	1241	1249	rBV	638384	1031423	32.14%	2.977%
37	10.145	1259	1268	1273	rBV4	30419	61878	1.93%	0.179%
38	10.204	1276	1278	1284	rVB6	3072	4692	0.15%	0.014%
39	10.357	1296	1304	1312	rBV	1204242	1925445	60.00%	5.558%
40	10.457	1318	1321	1322	rBV3	5872	5680	0.18%	0.016%
41	10.498	1322	1328	1341	rVB	481056	843575	26.29%	2.435%
42	10.710	1362	1364	1367	rBV4	3585	4827	0.15%	0.014%
43	10.763	1372	1373	1380	rVB7	3516	5086	0.16%	0.015%
44	11.192	1445	1446	1450	rVB4	3693	4640	0.14%	0.013%
45	11.351	1470	1473	1477	rBV6	3062	4739	0.15%	0.014%
46	11.580	1508	1512	1513	rBV4	5503	5680	0.18%	0.016%
47	11.686	1525	1530	1536	rBV2	14317	32011	1.00%	0.092%
48	11.957	1571	1576	1580	rVB5	9135	14075	0.44%	0.041%
49	12.386	1644	1649	1655	rBV6	13283	24880	0.78%	0.072%
50	12.575	1676	1681	1686	rBV3	26300	44798	1.40%	0.129%
51	12.698	1699	1702	1706	rBV5	6189	8909	0.28%	0.026%
52	12.833	1716	1725	1729	rBV3	28999	50372	1.57%	0.145%
53	13.004	1748	1754	1757	rVB6	10353	15515	0.48%	0.045%
54	13.033	1757	1759	1760	rBV2	4523	4705	0.15%	0.014%
55	13.051	1760	1762	1768	rVB5	11242	16338	0.51%	0.047%
56	13.104	1768	1771	1772	rBV3	5377	5490	0.17%	0.016%
57	13.151	1777	1779	1785	rVV7	12700	22299	0.69%	0.064%
58	13.216	1786	1790	1793	rVB6	6511	9577	0.30%	0.028%
59	13.498	1833	1838	1840	rBV5	6233	9187	0.29%	0.027%
60	13.551	1844	1847	1848	rBV3	3987	4547	0.14%	0.013%
61	13.651	1858	1864	1868	rBV	996141	1441636	44.92%	4.162%
62	13.698	1868	1872	1877	rVV	224838	340426	10.61%	0.983%
63	13.757	1880	1882	1885	rVV4	4393	4640	0.14%	0.013%
64	13.921	1899	1910	1921	rBV	872997	1377030	42.91%	3.975%
65	14.021	1925	1927	1931	rVV4	17552	21579	0.67%	0.062%
66	14.074	1931	1936	1940	rVV7	22520	50846	1.58%	0.147%
67	14.139	1944	1947	1952	rVB	36974	50981	1.59%	0.147%
68	14.233	1957	1963	1971	rVV2	1570567	2430662	75.74%	7.017%
69	14.304	1971	1975	1976	rVV4	14577	19155	0.60%	0.055%
70	14.321	1976	1978	1981	rVB4	17396	20901	0.65%	0.060%
71	14.380	1987	1988	1991	rBV3	4489	6056	0.19%	0.017%

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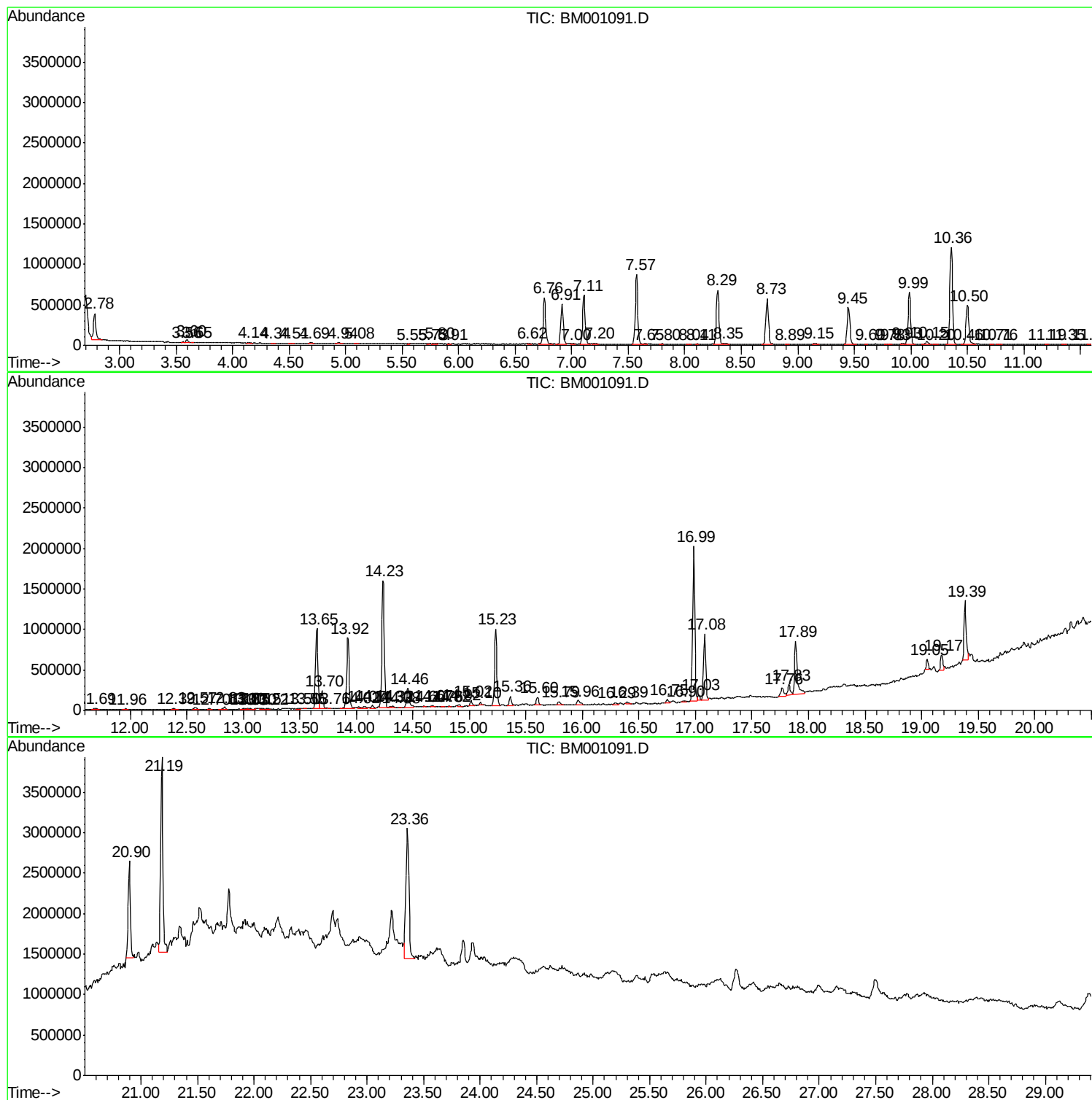
72	14.457	1996	2001	2010	rBV	238064	411059	12.81%	1.187%
73	14.598	2023	2025	2028	rVB4	11410	9379	0.29%	0.027%
74	14.668	2034	2037	2041	rVB6	12892	16585	0.52%	0.048%
75	14.757	2050	2052	2055	rBV4	8956	13602	0.42%	0.039%
76	14.821	2061	2063	2066	rBV4	8490	7748	0.24%	0.022%
77	14.916	2075	2079	2082	rVB5	23744	31765	0.99%	0.092%
78	15.016	2092	2096	2100	rBV	69619	92309	2.88%	0.266%
79	15.098	2107	2110	2113	rVB	36461	36935	1.15%	0.107%
80	15.233	2127	2133	2139	rVB	944774	1288261	40.14%	3.719%
81	15.363	2150	2155	2160	rBV	112091	152033	4.74%	0.439%
82	15.604	2192	2196	2201	rVB	99522	137443	4.28%	0.397%
83	15.792	2224	2228	2234	rBV2	34269	53923	1.68%	0.156%
84	15.963	2253	2257	2264	rBV	58720	110102	3.43%	0.318%
85	16.286	2309	2312	2318	rBV6	25276	52103	1.62%	0.150%
86	16.392	2328	2330	2337	rVB6	26336	42287	1.32%	0.122%
87	16.751	2387	2391	2396	rBV3	47472	83281	2.60%	0.240%
88	16.898	2412	2416	2420	rBV7	17329	37078	1.16%	0.107%
89	16.986	2425	2431	2436	rVV	1911115	2646978	82.48%	7.641%
90	17.027	2436	2438	2442	rVB	72288	76409	2.38%	0.221%
91	17.080	2442	2447	2453	rBV	822566	1186003	36.96%	3.424%
92	17.762	2559	2563	2570	rBV5	96578	203216	6.33%	0.587%
93	17.827	2570	2574	2580	rVV2	124899	196522	6.12%	0.567%
94	17.886	2580	2584	2598	rVV	646374	996552	31.05%	2.877%
95	19.051	2779	2782	2785	rBV	124455	135392	4.22%	0.391%
96	19.174	2800	2803	2807	rBV	192392	258538	8.06%	0.746%
97	19.386	2835	2839	2844	rBV	736962	1017025	31.69%	2.936%
98	20.898	3091	3096	3102	rBV2	1200641	1693307	52.76%	4.888%
99	21.186	3140	3145	3153	rVB	2409087	3209274	100.00%	9.264%
100	23.356	3509	3514	3525	rVB	1616326	2981095	92.89%	8.606%

Sum of corrected areas: 34640819

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



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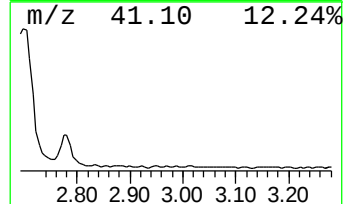
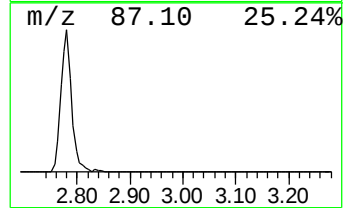
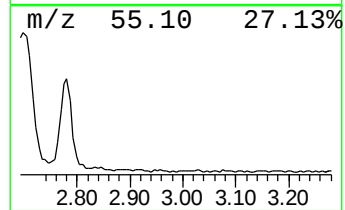
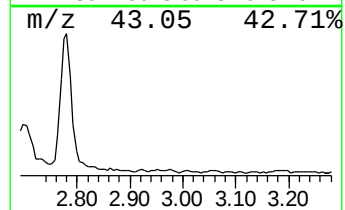
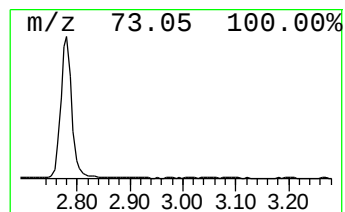
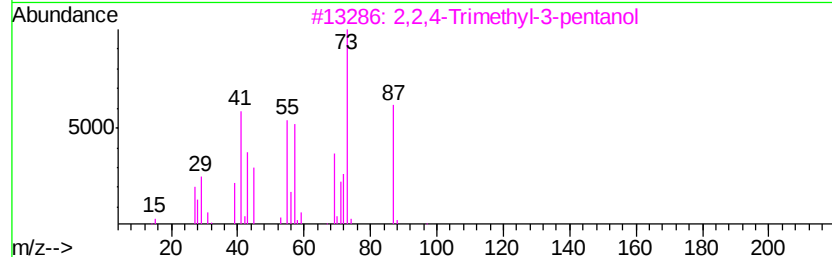
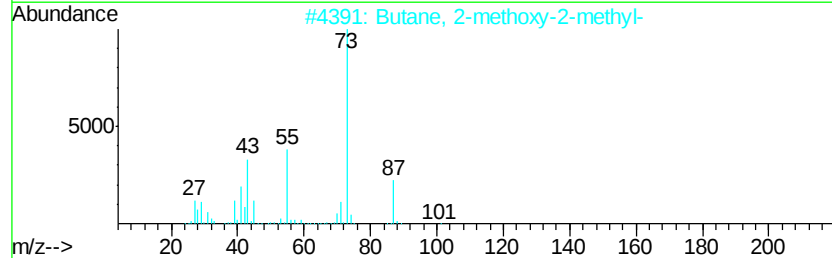
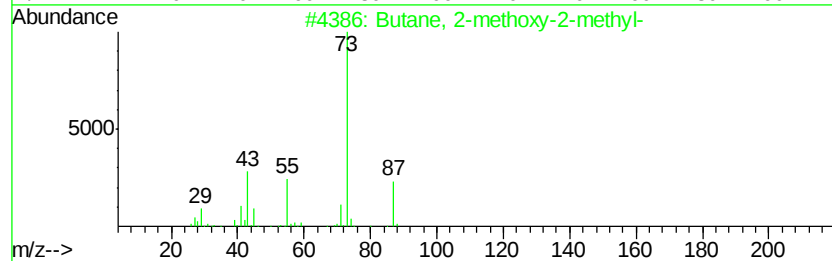
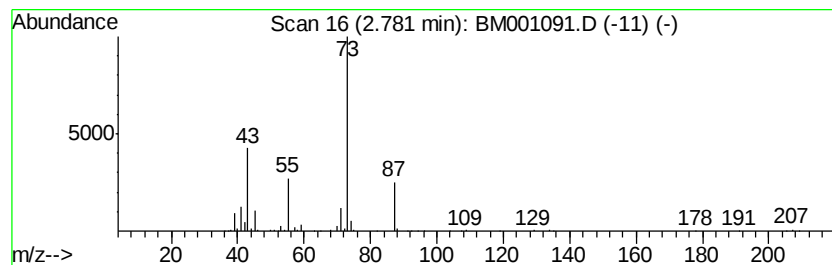
Quant Method : Z:\HPCHEM1\BNA M\Methods\SOM01.2-EPA-BM041515.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.78	7.73 ng/ul	515601	1,4-Dichlorobenzene-d4	7.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
3		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	64
4		2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	32
5		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12



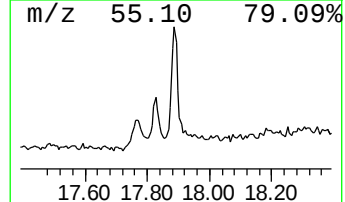
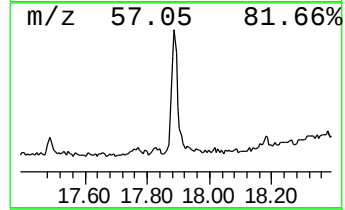
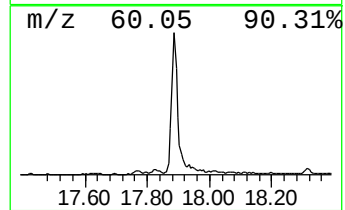
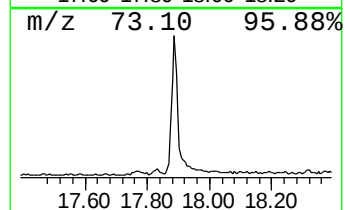
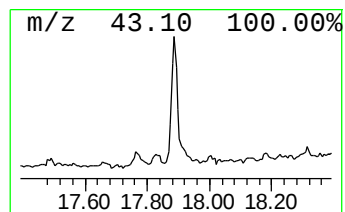
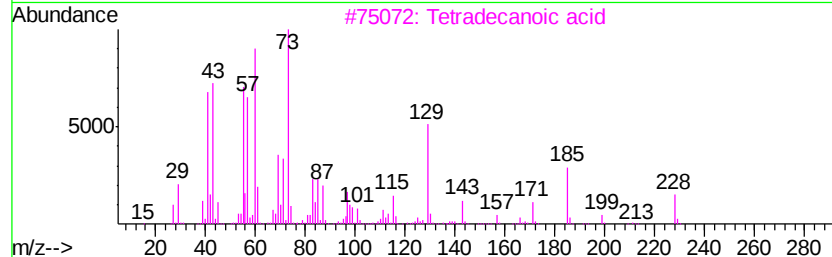
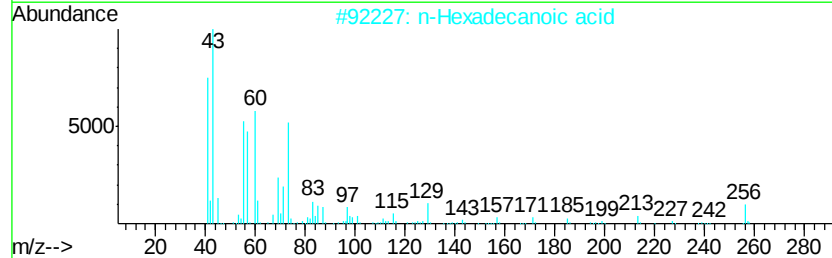
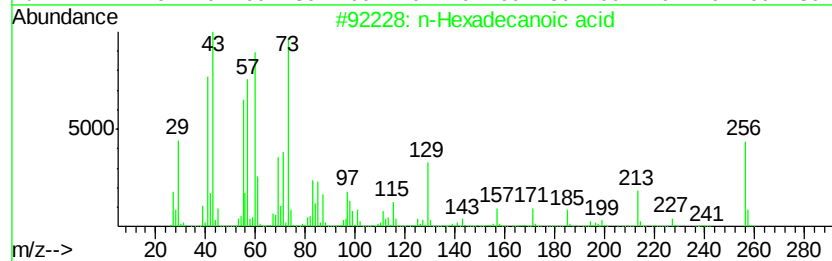
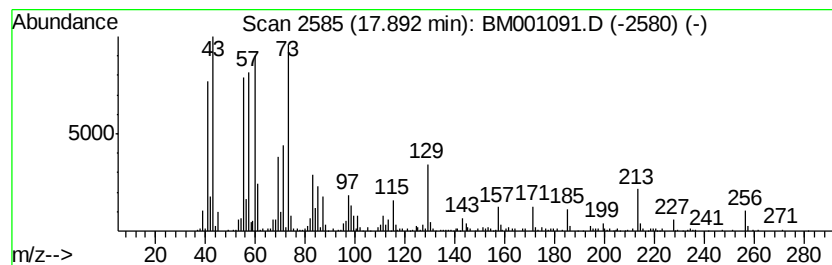
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.
17.89	7.53 ng/ul	996552	Phenanthrene-d10		16.99
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
4	Tridecanoic acid	214	C13H26O2	000638-53-9	81
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	80



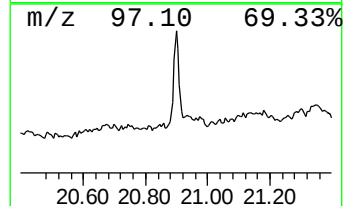
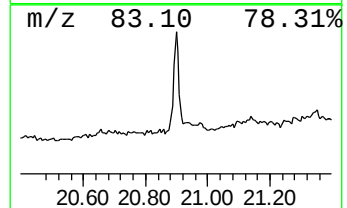
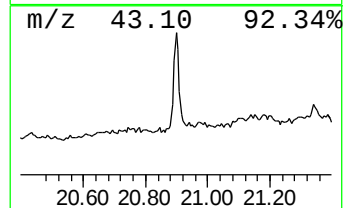
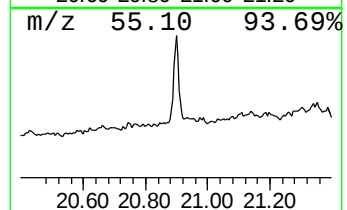
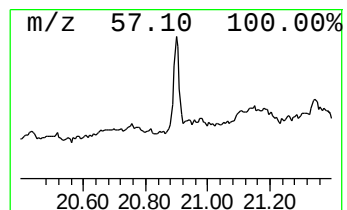
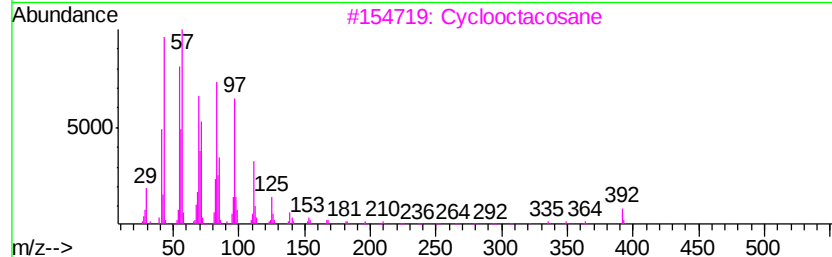
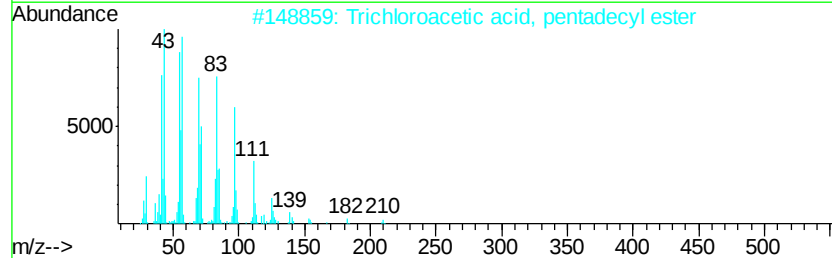
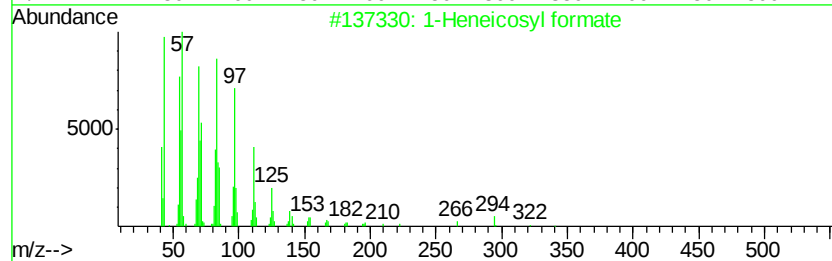
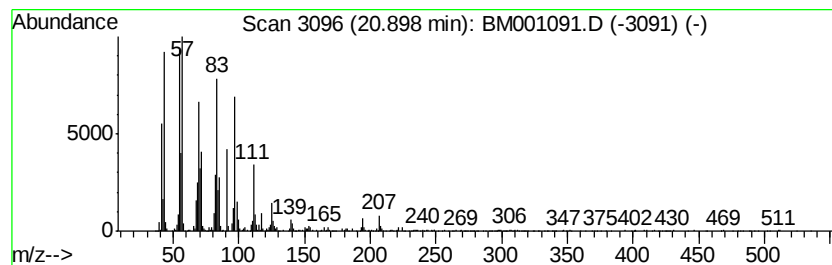
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 1-Heneicosyl formate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.90	10.55 ng/ul	1693310	Chrysene-d12	21.19
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Heneicosyl formate	340 C22H44O2	077899-03-7	93
2	Trichloroacetic acid, pentadecyl...	372 C17H31Cl3O2	074339-53-0	91
3	Cyclooctacosane	392 C28H56	000297-24-5	91
4	Cyclotetracosane	336 C24H48	000297-03-0	90
5	Cyclodocosane, ethyl-	336 C24H48	1000151-22-6	90



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	2.78	7.7	ng/ul	515601	1	7.57	1334350	20.0
n-Hexadecanoic acid	17.89	7.5	ng/ul	996552	4	16.99	2646980	20.0
1-Heneicosyl formate	20.90	10.6	ng/ul	1693310	5	21.19	3209270	20.0