

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071615\
 Data File : BM001954.D
 Acq On : 16 Jul 2015 19:56
 Operator : TP/UM
 Sample : G2998-18
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C02G0

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\SOM02.2-EPA-BM071315.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	2.722	3	6	12	rVB	21825	24198	1.06%	0.094%
2	2.799	14	19	26	rVV	49718	80923	3.55%	0.314%
3	2.869	26	31	52	rVB	1169256	1537450	67.49%	5.957%
4	3.128	71	75	82	rVB	17869	22954	1.01%	0.089%
5	3.399	119	121	129	rVB	5351	7761	0.34%	0.030%
6	3.681	165	169	173	rBV2	5927	7326	0.32%	0.028%
7	4.416	289	294	297	rBV	5169	7069	0.31%	0.027%
8	4.451	297	300	305	rVB	6255	8079	0.35%	0.031%
9	4.763	347	353	361	rVB	76460	121452	5.33%	0.471%
10	6.816	696	702	711	rBV	358308	559620	24.56%	2.168%
11	6.992	723	732	739	rBB	276751	424204	18.62%	1.644%
12	7.181	758	764	771	rBB	377435	577877	25.37%	2.239%
13	7.651	837	844	851	rBB	263123	410022	18.00%	1.589%
14	8.357	957	964	975	rVB	491682	757583	33.25%	2.935%
15	8.810	1034	1041	1048	rBB	346139	563918	24.75%	2.185%
16	9.528	1157	1163	1170	rBV	302046	500065	21.95%	1.938%
17	10.057	1246	1253	1263	rBB	475390	793287	34.82%	3.074%
18	10.439	1311	1318	1325	rBB	382244	610120	26.78%	2.364%
19	10.580	1335	1342	1351	rBV	452728	765187	33.59%	2.965%
20	12.645	1688	1693	1696	rBB2	2639	3266	0.14%	0.013%
21	12.904	1733	1737	1741	rVB2	4883	5963	0.26%	0.023%
22	13.721	1869	1876	1880	rBV	926076	1259020	55.26%	4.878%
23	13.768	1880	1884	1889	rVB	416450	545121	23.93%	2.112%
24	13.998	1917	1923	1931	rBV	950717	1379756	60.56%	5.346%
25	14.210	1955	1959	1963	rBV2	3917	4468	0.20%	0.017%
26	14.310	1968	1976	1984	rBV2	581679	876389	38.47%	3.396%
27	14.510	2004	2010	2019	rBV	397813	567434	24.91%	2.199%
28	15.110	2107	2112	2116	rBV2	2916	4359	0.19%	0.017%
29	15.157	2116	2120	2124	rVB4	10759	12685	0.56%	0.049%
30	15.304	2138	2145	2152	rVB	1269903	1738471	76.31%	6.736%
31	15.427	2159	2166	2173	rBV	308163	409704	17.98%	1.587%
32	15.539	2181	2185	2195	rBV3	4726	11755	0.52%	0.046%
33	16.021	2263	2267	2276	rBV	20934	31950	1.40%	0.124%
34	16.362	2321	2325	2333	rVB3	2260	4295	0.19%	0.017%

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Integration Parameters: LSCINT.P

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35	16.815	2396	2402	2407	rBV3	22061	32897	1.44%	0.127%
36	16.856	2407	2409	2416	rVB	5101	7388	0.32%	0.029%
37	17.056	2437	2443	2449	rBV	800742	1081765	47.48%	4.191%
38	17.156	2453	2460	2469	rVV	1406592	1949887	85.59%	7.555%
39	17.551	2523	2527	2532	rVB	13287	16600	0.73%	0.064%
40	17.951	2590	2595	2604	rBV2	137603	179637	7.89%	0.696%
41	18.245	2641	2645	2649	rVB5	3980	5098	0.22%	0.020%
42	18.374	2664	2667	2676	rVB4	2719	3754	0.16%	0.015%
43	19.233	2809	2813	2818	rBV	21865	26315	1.16%	0.102%
44	19.339	2826	2831	2835	rBV	9467	12511	0.55%	0.048%
45	19.456	2844	2851	2859	rBV	1624702	2159950	94.81%	8.369%
46	19.986	2934	2941	2942	rBV4	3887	5724	0.25%	0.022%
47	20.380	3004	3008	3013	rBV3	6490	8297	0.36%	0.032%
48	20.492	3024	3027	3031	rBV5	3961	4656	0.20%	0.018%
49	20.603	3044	3046	3050	rBV2	2619	3035	0.13%	0.012%
50	20.956	3102	3106	3117	rVV	195525	336487	14.77%	1.304%
51	21.044	3118	3121	3127	rVV2	15127	24063	1.06%	0.093%
52	21.109	3130	3132	3136	rVB2	3010	3338	0.15%	0.013%
53	21.162	3138	3141	3147	rVB3	6059	6829	0.30%	0.026%
54	21.250	3150	3156	3161	rBV	1143570	1420128	62.34%	5.502%
55	21.356	3172	3174	3178	rBV5	5942	5146	0.23%	0.020%
56	21.856	3256	3259	3266	rVB7	11872	21580	0.95%	0.084%
57	22.280	3328	3331	3335	rVB4	7835	11090	0.49%	0.043%
58	22.409	3349	3353	3359	rVB	21077	30755	1.35%	0.119%
59	22.738	3406	3409	3413	rBV4	8967	12360	0.54%	0.048%
60	22.780	3413	3416	3420	rVB4	12021	15458	0.68%	0.060%
61	23.333	3502	3510	3521	rBV	1256305	2278171	100.00%	8.827%
62	23.474	3526	3534	3544	rVB	767781	1418375	62.26%	5.496%
63	24.074	3630	3636	3645	rBV8	31001	94488	4.15%	0.366%

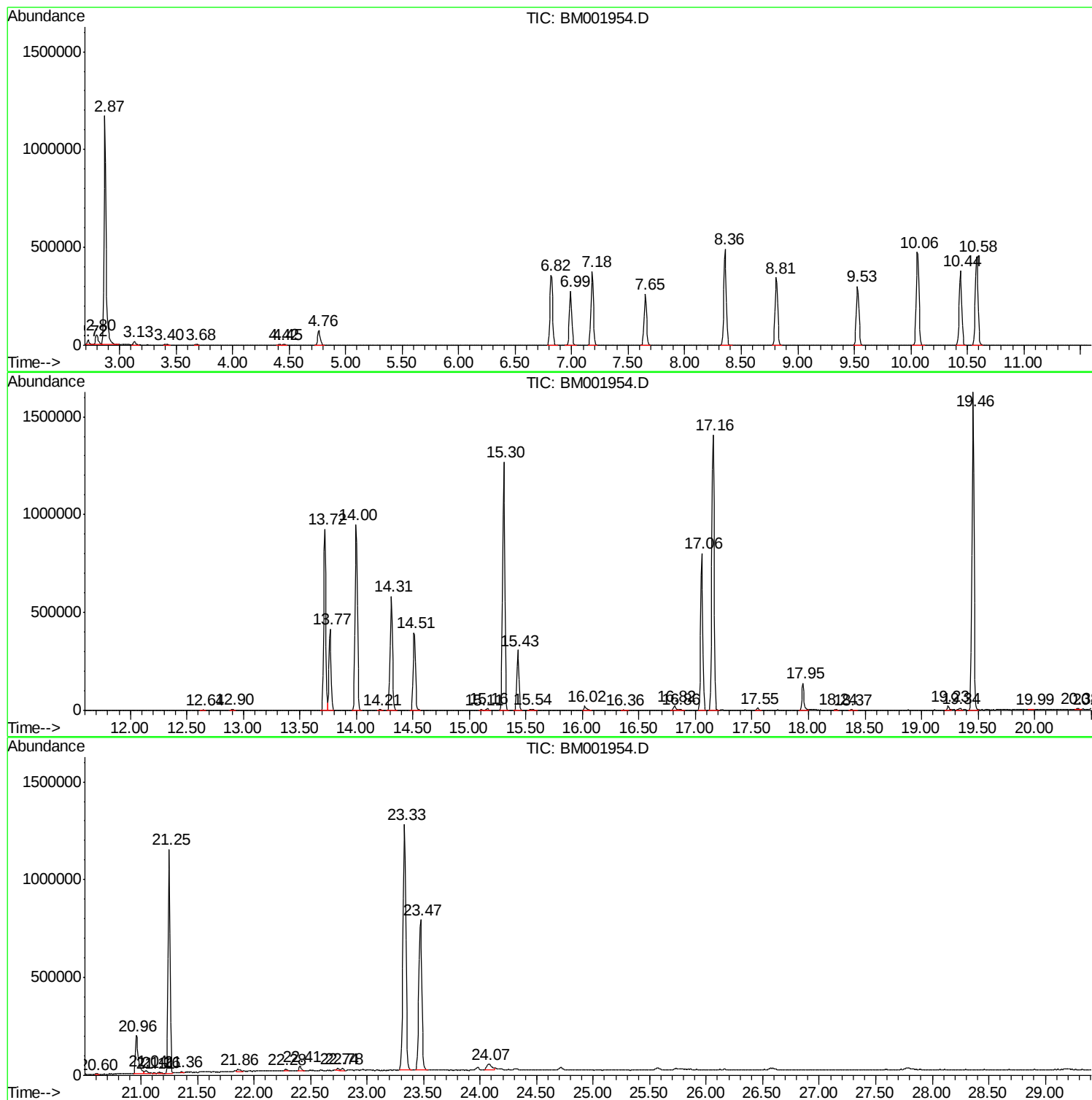
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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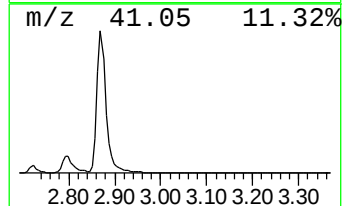
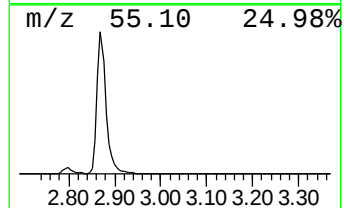
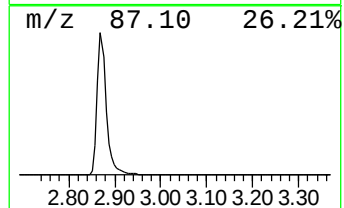
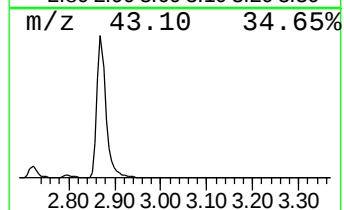
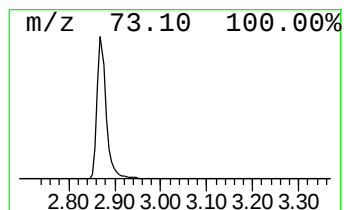
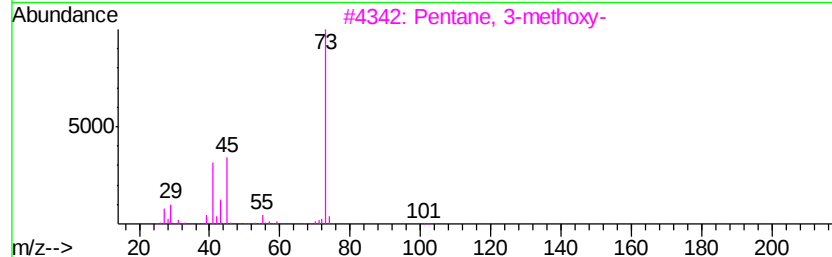
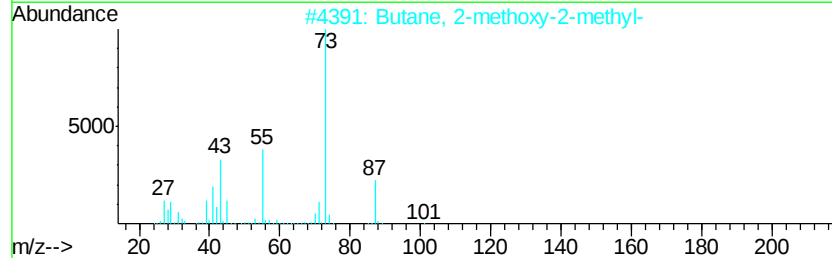
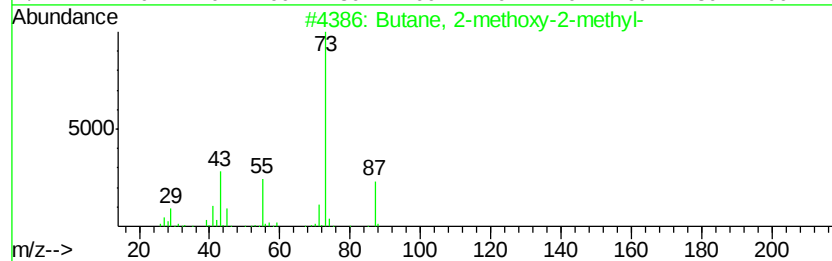
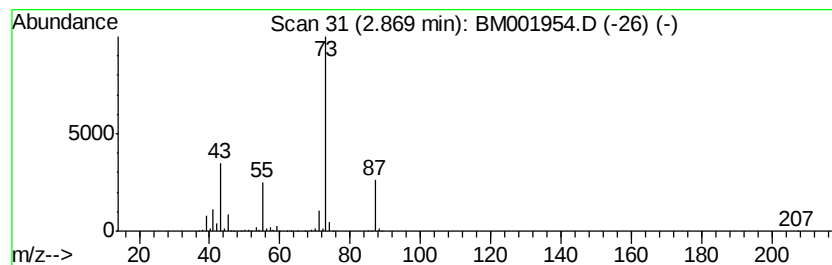
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
Quant Title : SVOA CALIBRATION

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.
2.87	74.99 ng/ul	1537450	1,4-Dichlorobenzene-d4	7.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	74
3		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4		N-Ethylformamide	73	C3H7NO	000627-45-2	9
5		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9



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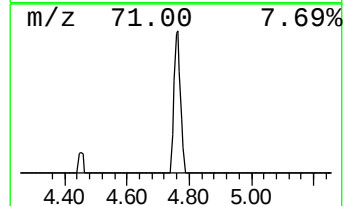
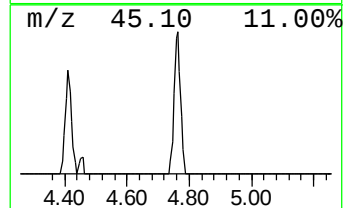
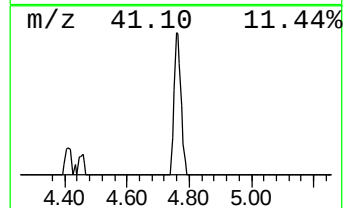
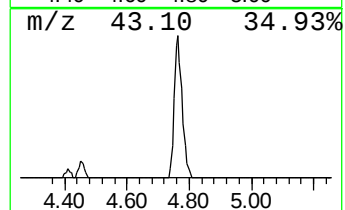
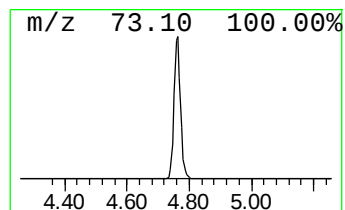
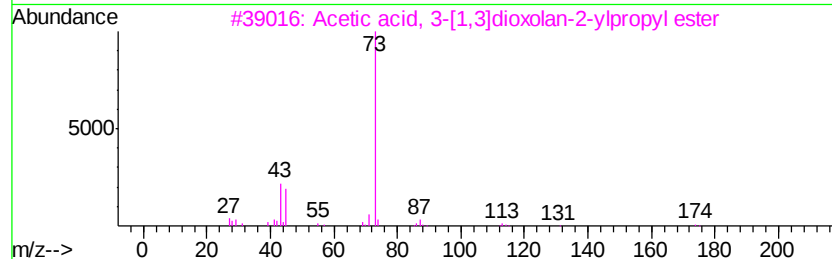
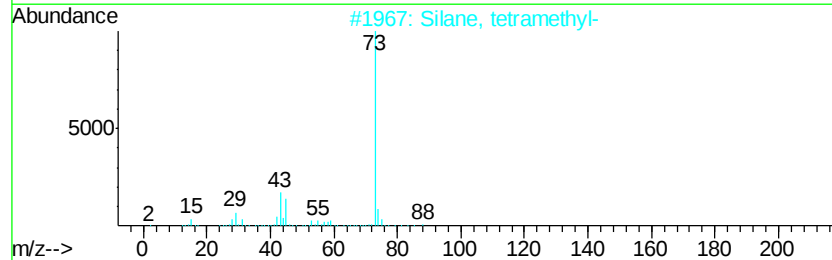
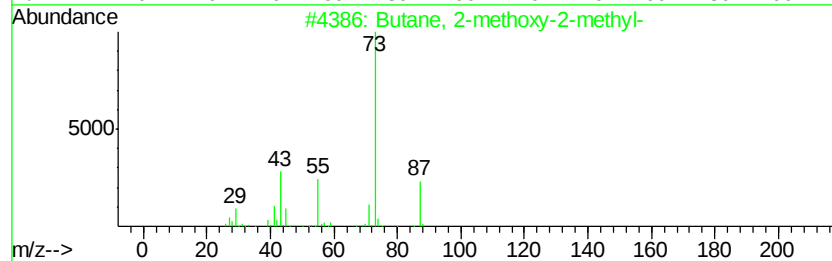
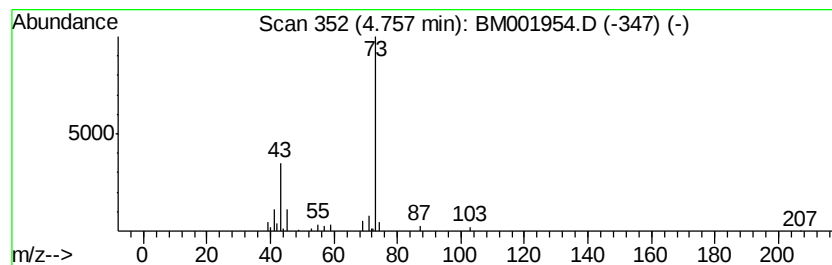
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.76	5.92 ng/ul	121452	1,4-Dichlorobenzene-d4	7.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	36
2		Silane, tetramethyl-	88	C4H12Si	000075-76-3	28
3		Acetic acid, 3-[1,3]dioxolan-2-ylpropyl ester	174	C8H14O4	1000186-02-3	28
4		Silane, tetramethyl-	88	C4H12Si	000075-76-3	28
5		Silane, tetramethyl-	88	C4H12Si	000075-76-3	25



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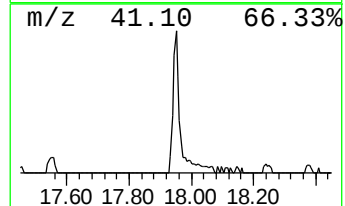
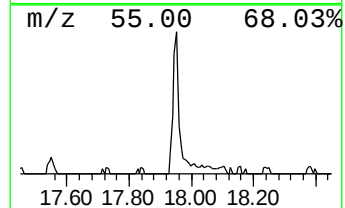
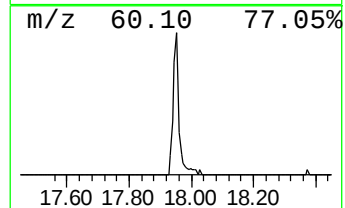
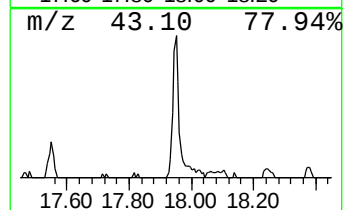
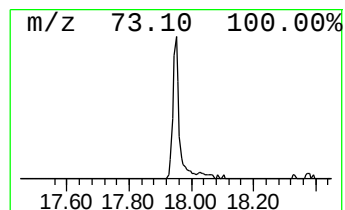
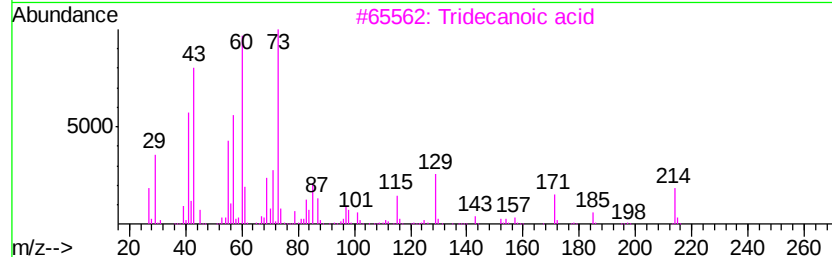
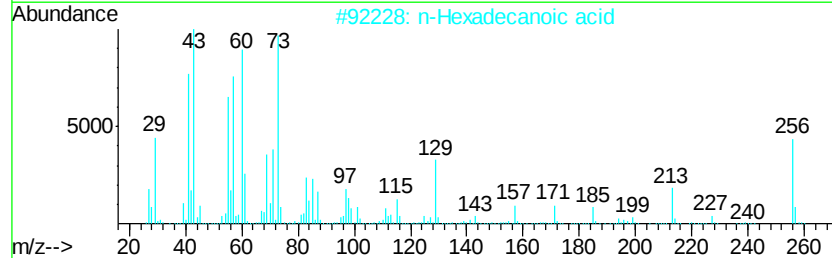
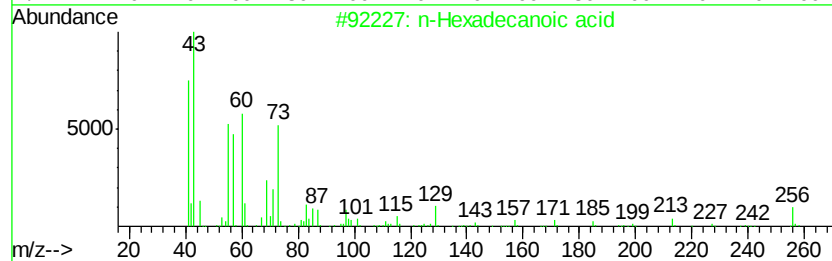
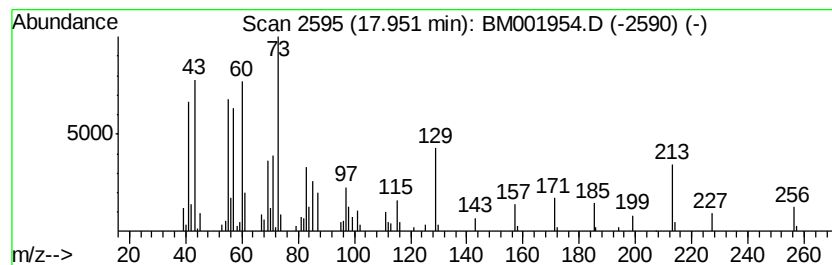
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.95	3.32 ng/ul	179637	Phenanthrene-d10	17.06

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	96
3		Tridecanoic acid	214	C13H26O2	000638-53-9	89
4		Tridecanoic acid	214	C13H26O2	000638-53-9	86
5		Undecanoic acid	186	C11H22O2	000112-37-8	83



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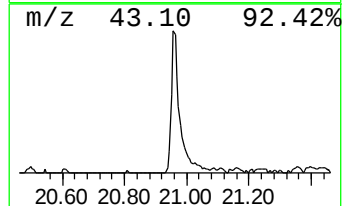
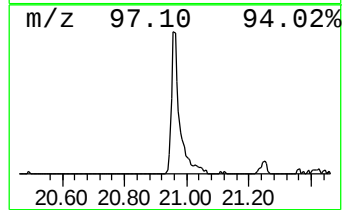
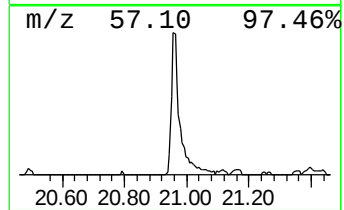
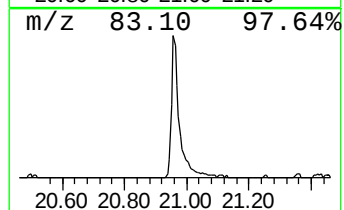
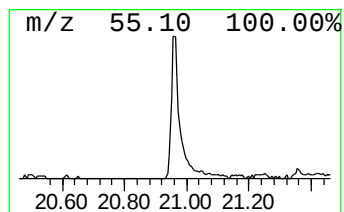
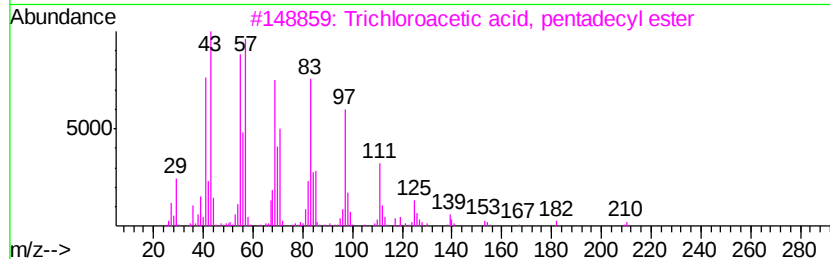
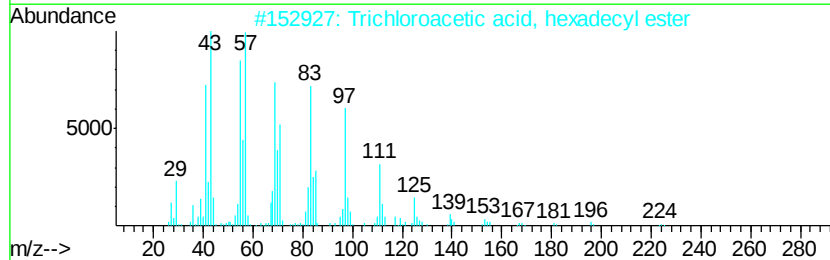
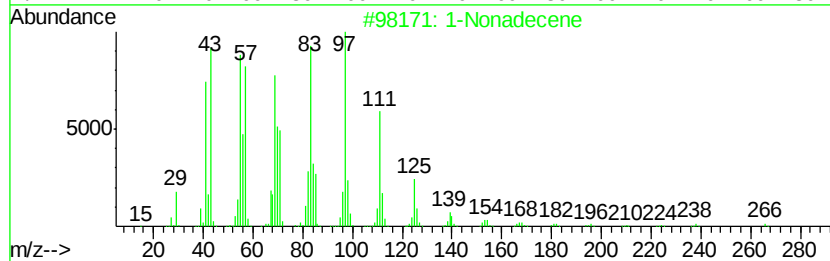
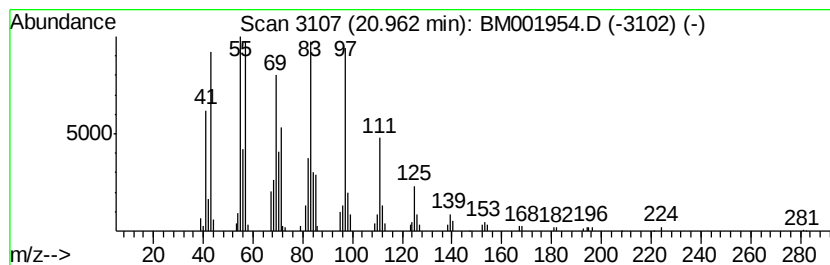
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Cyclic20.96 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.96	4.74 ng/ul	336487	Chrysene-d12	21.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Nonadecene	266	C19H38	018435-45-5	91
2		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
3		Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
4		1-Hexadecanol	242	C16H34O	036653-82-4	90
5		Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	87



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	2.87	75.0	ng/ul	1537450	1	7.65	410022	20.0
unknown-01	4.76	5.9	ng/ul	121452	1	7.65	410022	20.0
n-Hexadecanoic acid	17.95	3.3	ng/ul	179637	4	17.06	1081770	20.0
(DEL) Alkane: Cyc...	20.96	4.7	ng/ul	336487	5	21.25	1420130	20.0