

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061419\
 Data File : BM020958.D
 Acq On : 15 Jun 2019 00:13
 Operator : HP/JU
 Sample : K3353-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0JW1

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:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.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	3.040	5	9	18	rVB	1354967	1528807	14.17%	1.416%
2	3.110	18	21	28	rVB	53707	73238	0.68%	0.068%
3	3.193	33	35	43	rVB	42397	51449	0.48%	0.048%
4	3.263	44	47	51	rBV	91680	119471	1.11%	0.111%
5	3.328	54	58	73	rVB	2443622	2867831	26.58%	2.656%
6	3.746	125	129	134	rBV	389502	457330	4.24%	0.424%
7	3.999	168	172	178	rVB2	41934	68759	0.64%	0.064%
8	4.116	189	192	196	rBV2	19159	30741	0.28%	0.028%
9	4.163	196	200	206	rVB2	36626	51979	0.48%	0.048%
10	4.275	214	219	225	rBV	218453	293604	2.72%	0.272%
11	4.340	226	230	239	rVB2	102153	142950	1.32%	0.132%
12	4.451	244	249	256	rVV	1502147	1935432	17.94%	1.792%
13	4.516	256	260	271	rVB2	122487	234349	2.17%	0.217%
14	4.898	319	325	337	rVB	1024054	1369694	12.69%	1.268%
15	5.393	405	409	414	rVB	24948	33709	0.31%	0.031%
16	5.751	465	470	476	rBV	73681	102370	0.95%	0.095%
17	6.963	669	676	683	rBV	577782	938696	8.70%	0.869%
18	7.010	683	684	692	rVB3	11359	13244	0.12%	0.012%
19	7.134	699	705	720	rBV	1182533	1802741	16.71%	1.669%
20	7.328	731	738	749	rBV	1422582	2209055	20.47%	2.046%
21	7.792	810	817	824	rBV	1063494	1734570	16.08%	1.606%
22	7.851	824	827	833	rVB2	45672	67123	0.62%	0.062%
23	8.492	927	936	952	rBV	1360877	2275502	21.09%	2.107%
24	8.622	952	958	963	rVB	39721	68632	0.64%	0.064%
25	8.898	998	1005	1008	rBV4	11718	21131	0.20%	0.020%
26	8.957	1008	1015	1030	rVB	1509606	2460486	22.80%	2.279%
27	9.133	1038	1045	1049	rBV6	5272	13325	0.12%	0.012%
28	9.192	1049	1055	1065	rVB3	20965	51649	0.48%	0.048%
29	9.675	1130	1137	1150	rVB	1249348	2137703	19.81%	1.980%
30	9.980	1184	1189	1196	rVB8	7159	15318	0.14%	0.014%
31	10.204	1219	1227	1236	rBV	2053012	3433487	31.82%	3.180%
32	10.375	1251	1256	1267	rBV	36821	73170	0.68%	0.068%
33	10.586	1284	1292	1298	rBV	1577314	2675171	24.79%	2.477%
34	10.633	1298	1300	1306	rVB	25262	32658	0.30%	0.030%

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Integrator: RTE
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35	10.727	1308	1316	1332	rBV	1810248	3162589	29.31%	2.929%
36	11.127	1379	1384	1389	rBV3	7473	11619	0.11%	0.011%
37	11.186	1389	1394	1399	rVV4	7658	14090	0.13%	0.013%
38	11.251	1399	1405	1412	rVB5	8017	15492	0.14%	0.014%
39	12.174	1557	1562	1570	rVB2	29759	49400	0.46%	0.046%
40	12.274	1570	1579	1585	rBV7	13675	40203	0.37%	0.037%
41	12.469	1608	1612	1617	rVB4	12512	18477	0.17%	0.017%
42	12.780	1658	1665	1670	rVB3	16252	30925	0.29%	0.029%
43	13.033	1704	1708	1713	rBV2	26626	40109	0.37%	0.037%
44	13.327	1753	1758	1764	rBV6	5328	12157	0.11%	0.011%
45	13.845	1836	1846	1859	rBV	4262442	5838961	54.12%	5.407%
46	14.074	1882	1885	1887	rBV3	11051	13427	0.12%	0.012%
47	14.127	1887	1894	1903	rVB	4579776	6780270	62.84%	6.279%
48	14.433	1939	1946	1954	rBV2	2730659	4255676	39.44%	3.941%
49	14.498	1954	1957	1963	rVB2	33596	53909	0.50%	0.050%
50	14.633	1974	1980	1996	rBV	559287	972252	9.01%	0.900%
51	14.839	2010	2015	2025	rVB3	18838	42651	0.40%	0.039%
52	15.104	2056	2060	2065	rVB4	8318	11991	0.11%	0.011%
53	15.227	2075	2081	2084	rBV	94234	126153	1.17%	0.117%
54	15.257	2084	2086	2089	rVB	16086	16602	0.15%	0.015%
55	15.427	2108	2115	2122	rBV	6201653	8813598	81.68%	8.162%
56	15.480	2122	2124	2128	rVV	32893	41583	0.39%	0.039%
57	15.551	2128	2136	2150	rVV	890824	1294951	12.00%	1.199%
58	15.662	2150	2155	2161	rVB2	72279	113862	1.06%	0.105%
59	15.768	2169	2173	2176	rBV5	15930	21922	0.20%	0.020%
60	15.898	2187	2195	2199	rBV7	26106	58424	0.54%	0.054%
61	15.998	2206	2212	2216	rBV4	35278	54907	0.51%	0.051%
62	16.057	2216	2222	2227	rBV7	11125	17585	0.16%	0.016%
63	16.139	2232	2236	2239	rVB3	10451	13622	0.13%	0.013%
64	16.209	2245	2248	2251	rVB5	11112	12550	0.12%	0.012%
65	16.374	2269	2276	2281	rVB5	20162	45134	0.42%	0.042%
66	16.862	2355	2359	2361	rBV3	15511	19899	0.18%	0.018%
67	16.968	2373	2377	2380	rBV2	13031	15927	0.15%	0.015%
68	17.098	2393	2399	2403	rBV2	17324	26900	0.25%	0.025%
69	17.180	2406	2413	2418	rVV2	3840109	5301280	49.13%	4.909%
70	17.221	2418	2420	2424	rVV	60549	73924	0.69%	0.068%
71	17.280	2424	2430	2442	rVV	6815574	9577202	88.76%	8.869%

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Title : SVOA CALIBRATION

72	17.362	2442	2444	2450	rVB3	11867	12911	0.12%	0.012%
73	17.462	2458	2461	2465	rVB	14596	17204	0.16%	0.016%
74	17.698	2498	2501	2507	rBV4	10669	17173	0.16%	0.016%
75	17.845	2521	2526	2530	rBV5	19923	25257	0.23%	0.023%
76	18.068	2555	2564	2568	rBV3	81281	151195	1.40%	0.140%
77	18.145	2573	2577	2582	rVB	79456	104416	0.97%	0.097%
78	18.598	2650	2654	2660	rVB2	48391	62602	0.58%	0.058%
79	19.203	2753	2757	2761	rBV	68879	98101	0.91%	0.091%
80	19.345	2777	2781	2785	rBV4	45844	68058	0.63%	0.063%
81	19.456	2796	2800	2804	rBV	62636	87352	0.81%	0.081%
82	19.574	2813	2820	2831	rBV	8046078	10789795	100.00%	9.992%
83	21.356	3118	3123	3132	rBV	4346915	5394447	50.00%	4.996%
84	23.491	3479	3486	3498	rVB	5193305	9805560	90.88%	9.081%
85	23.633	3504	3510	3520	rVB2	2527539	4954835	45.92%	4.588%

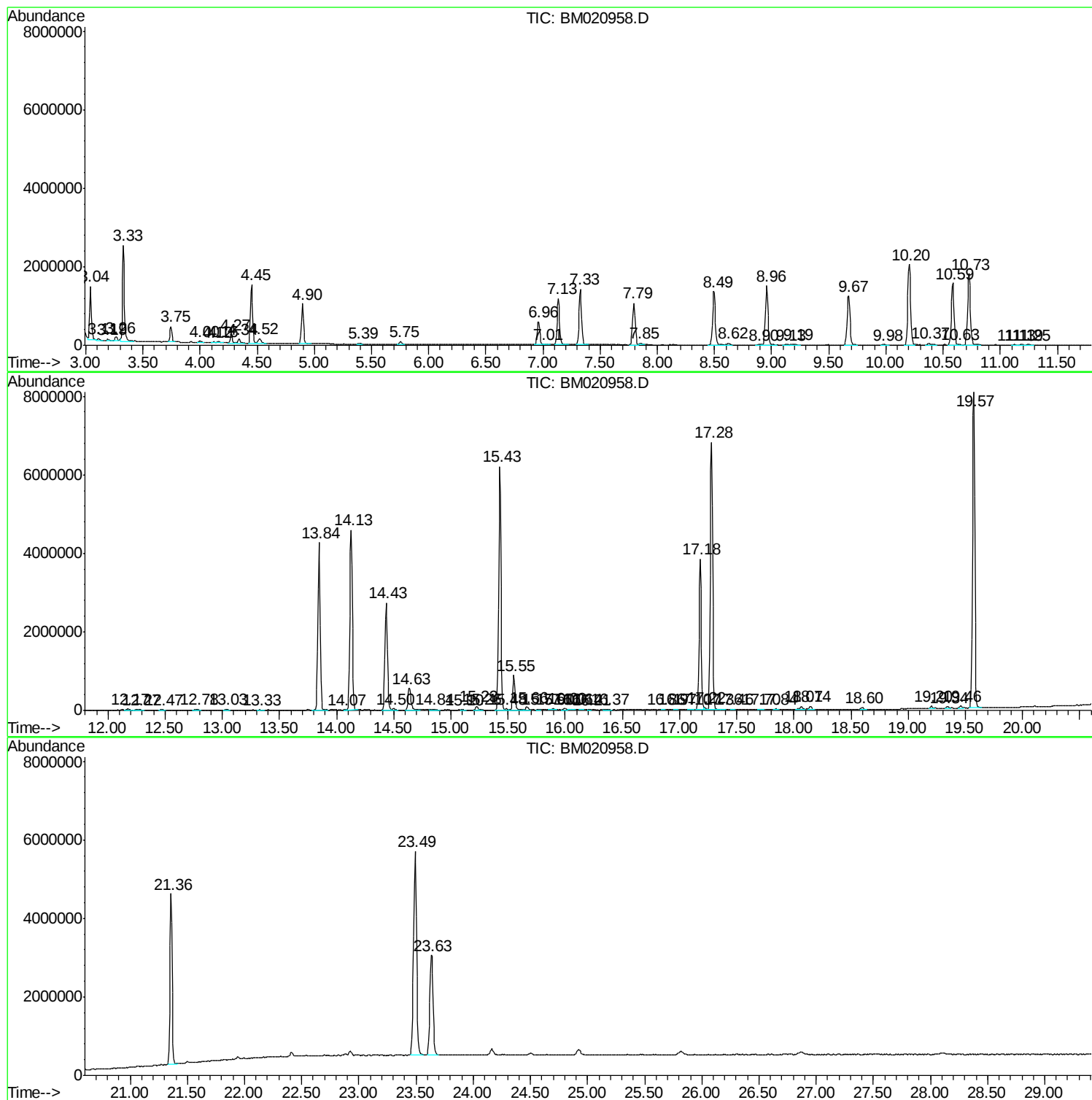
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Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

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



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Instrument :
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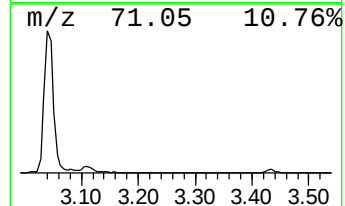
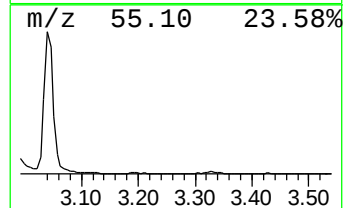
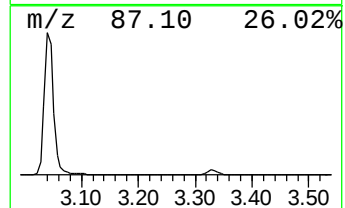
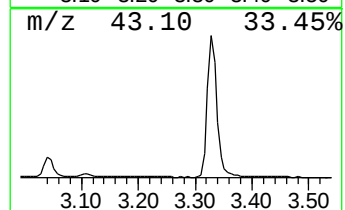
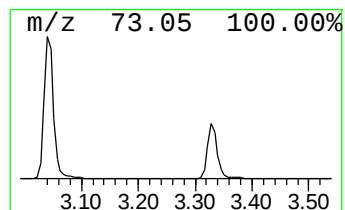
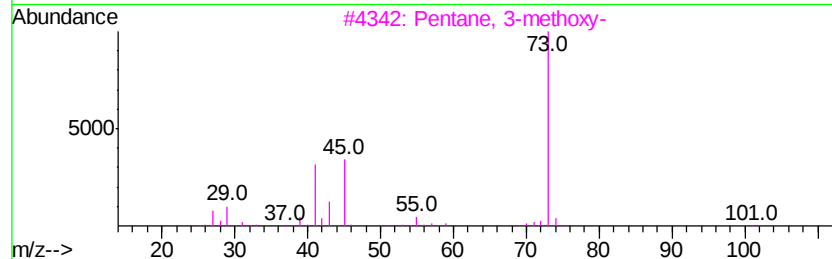
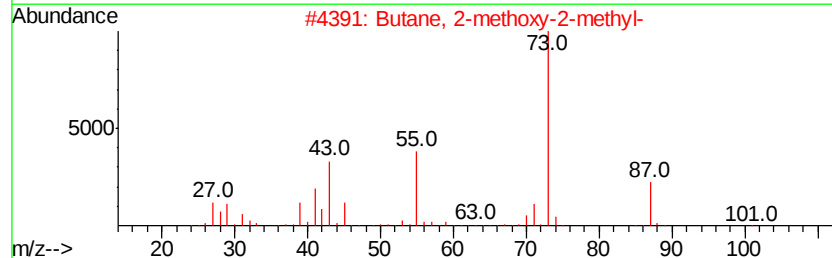
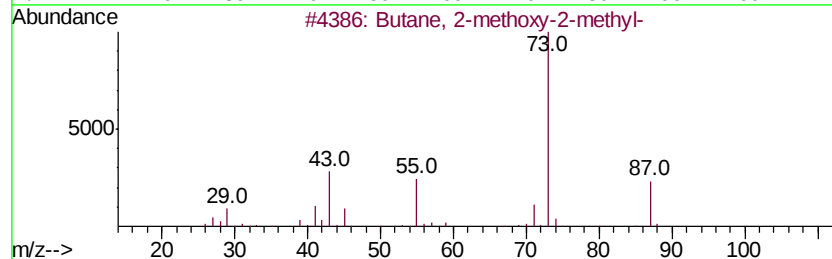
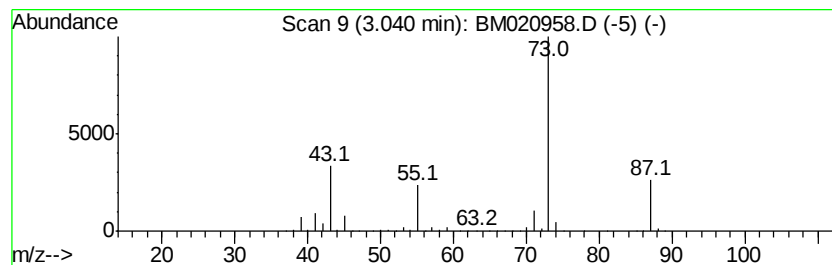
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

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.
3.04	17.63 ng/ul	1528810	1,4-Dichlorobenzene-d4	7.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	90
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
3		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4		Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
5		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9



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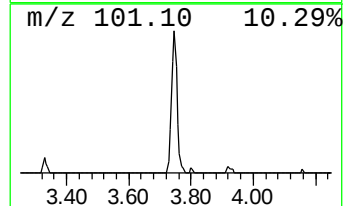
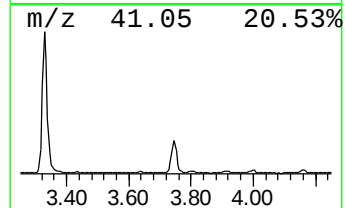
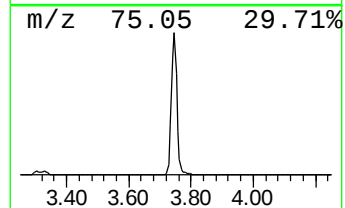
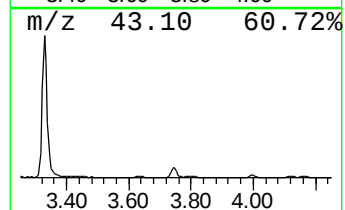
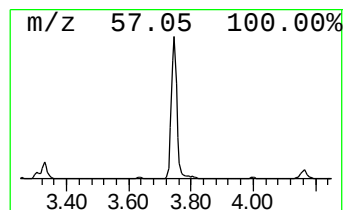
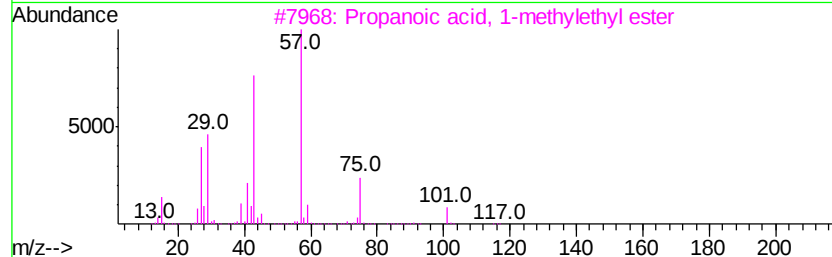
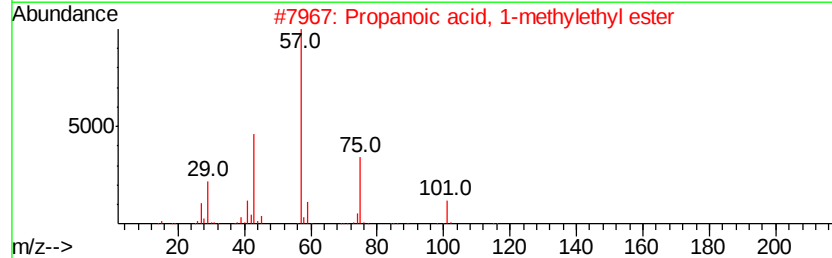
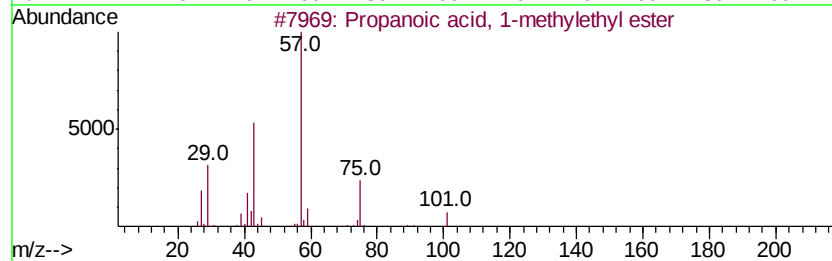
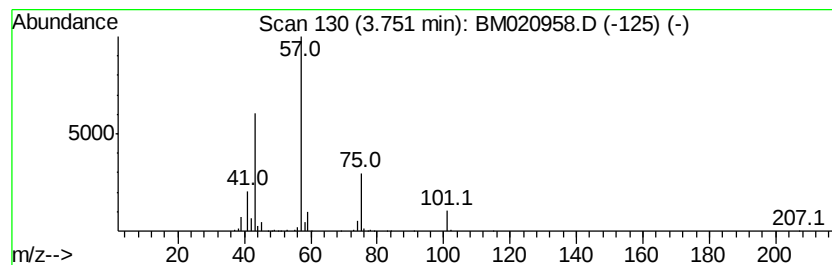
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 Propanoic acid, 1-methyleth... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.75	5.27 ng/ul	457330	1,4-Dichlorobenzene-d4	7.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	90
2		Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	78
3		Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	64
4		Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	45
5		Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	42



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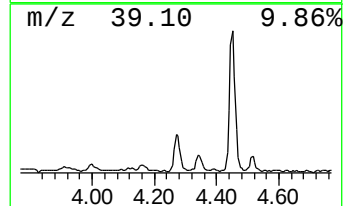
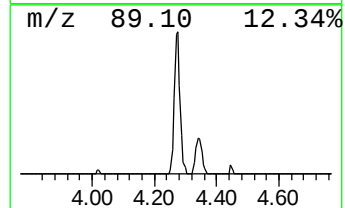
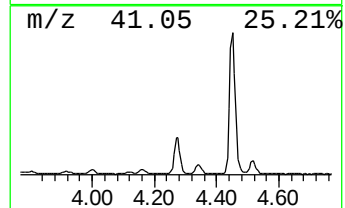
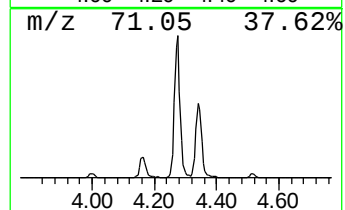
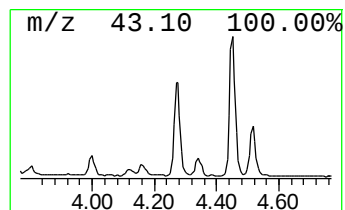
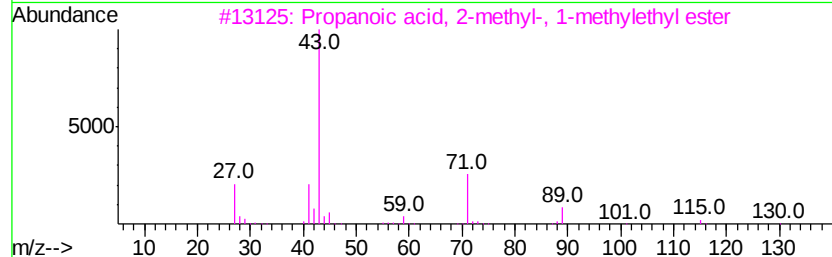
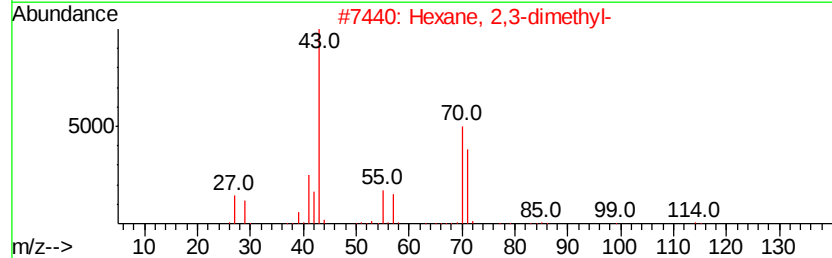
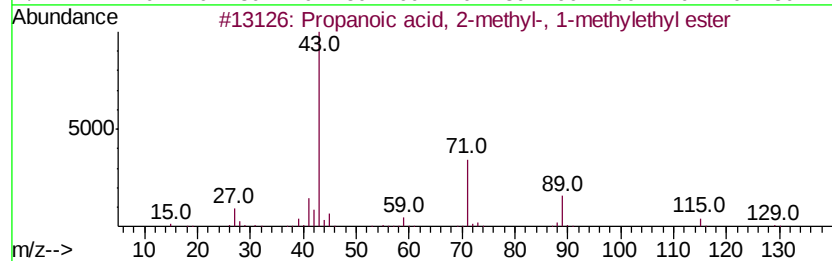
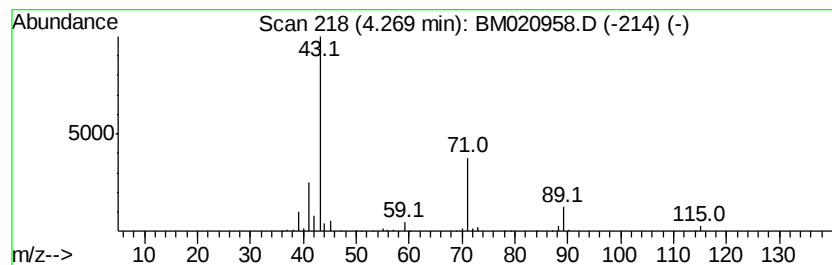
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 Propanoic acid, 2-methyl-, ... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.27	3.39 ng/ul	293604	1,4-Dichlorobenzene-d4	7.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	83
2		Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	53
3		Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	53
4		Propanoic acid, 2-methyl-, penty...	158	C9H18O2	002445-72-9	50
5		Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	42



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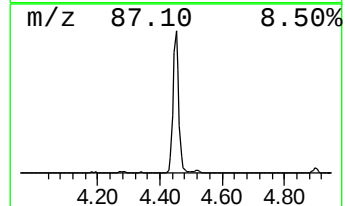
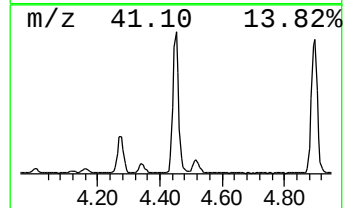
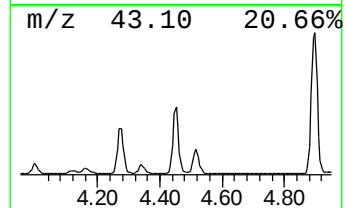
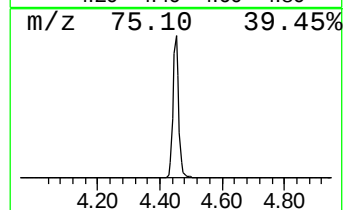
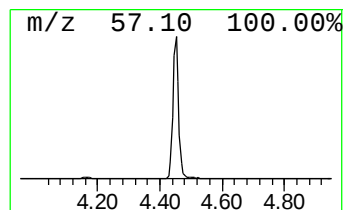
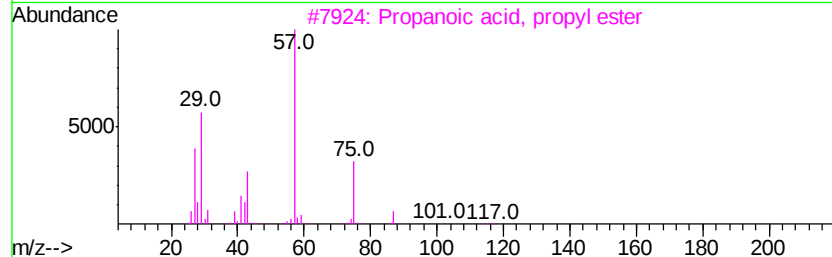
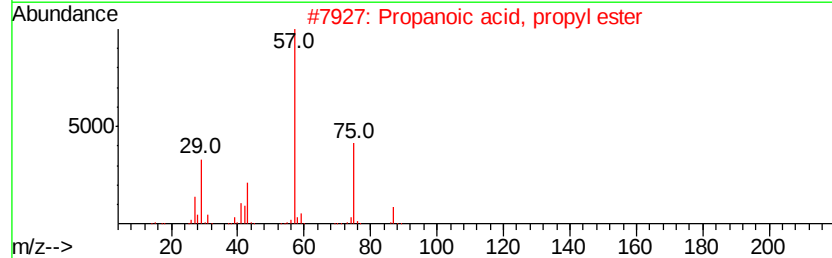
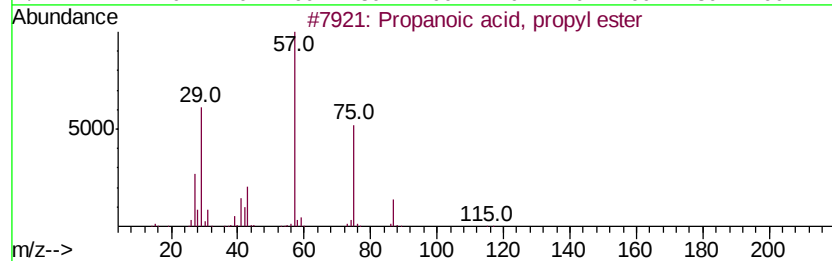
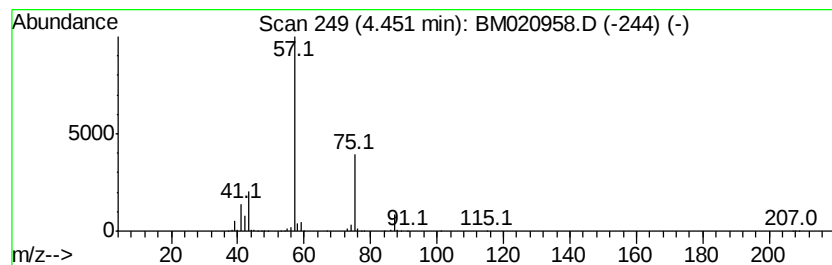
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Propanoic acid, propyl ester Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.45	22.32 ng/ul	1935430	1,4-Dichlorobenzene-d4	7.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	83
2		Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	83
3		Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	83
4		Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	47
5		Propanoic acid, butyl ester	130	C7H14O2	000590-01-2	28



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061419\
Data File : BM020958.D
Acq On : 15 Jun 2019 00:13
Operator : HP/JU
Sample : K3353-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0JW1

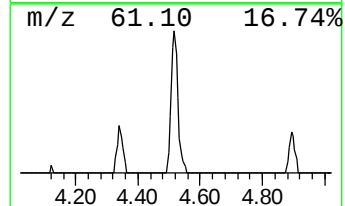
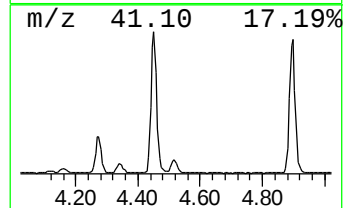
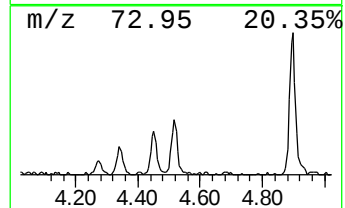
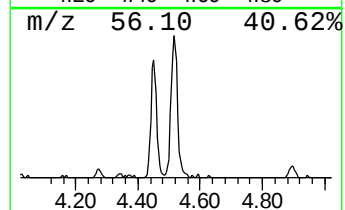
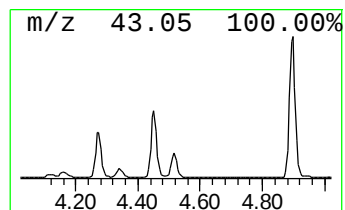
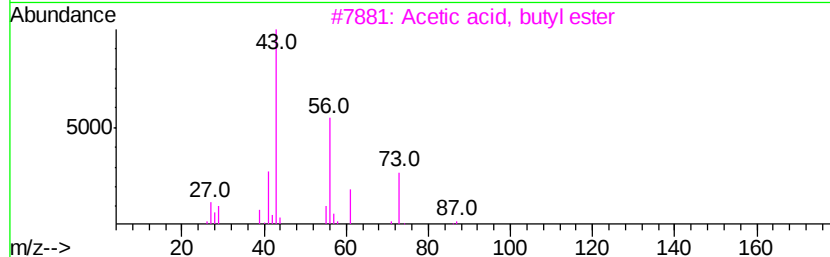
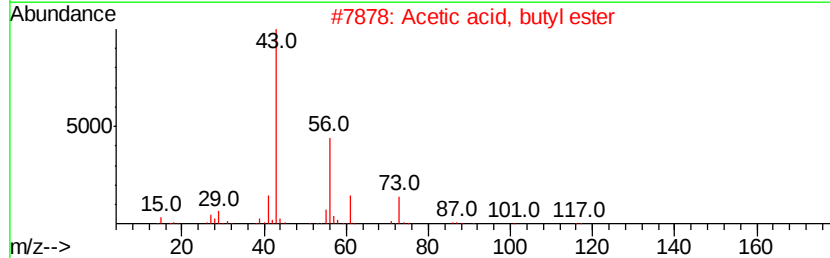
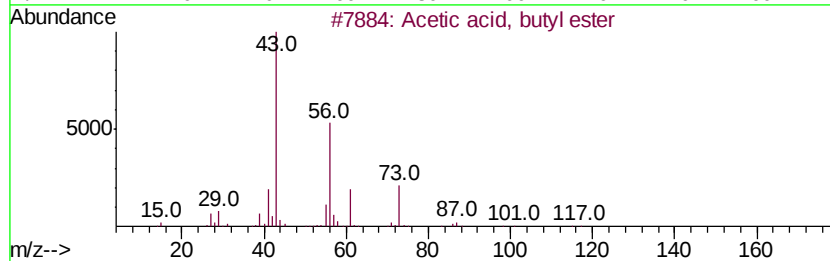
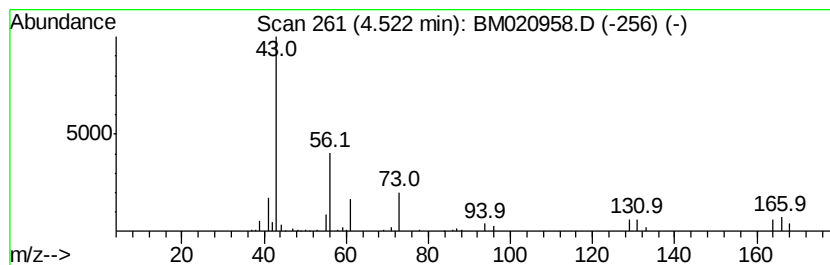
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.52	2.70 ng/ul	234349	1,4-Dichlorobenzene-d4	7.80

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acetic acid, butyl ester	116	C6H12O2	000123-86-4	40
2			Acetic acid, butyl ester	116	C6H12O2	000123-86-4	39
3			Acetic acid, butyl ester	116	C6H12O2	000123-86-4	38
4			Acetic acid, butyl ester	116	C6H12O2	000123-86-4	38
5			Acetic acid, butyl ester	116	C6H12O2	000123-86-4	9



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061419\
Data File : BM020958.D
Acq On : 15 Jun 2019 00:13
Operator : HP/JU
Sample : K3353-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
C0JW1

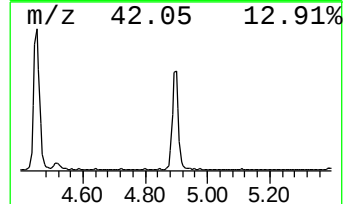
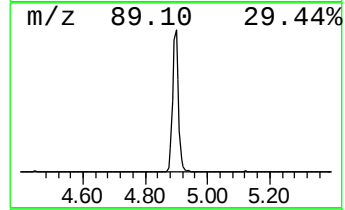
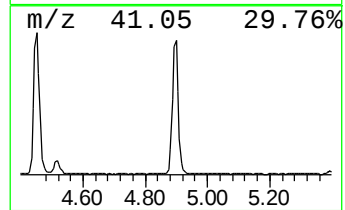
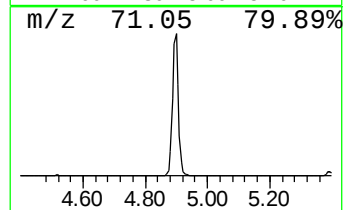
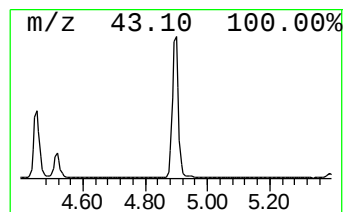
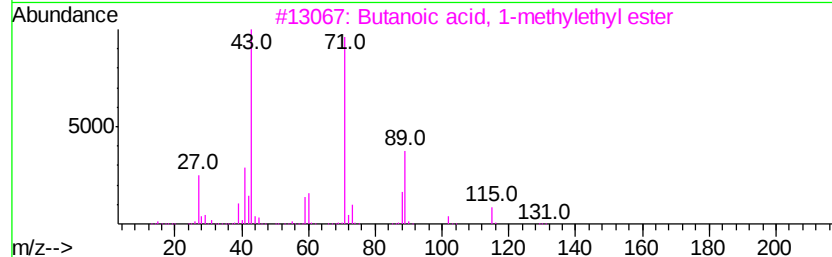
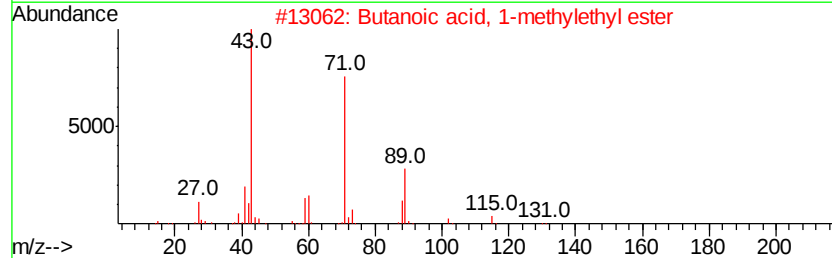
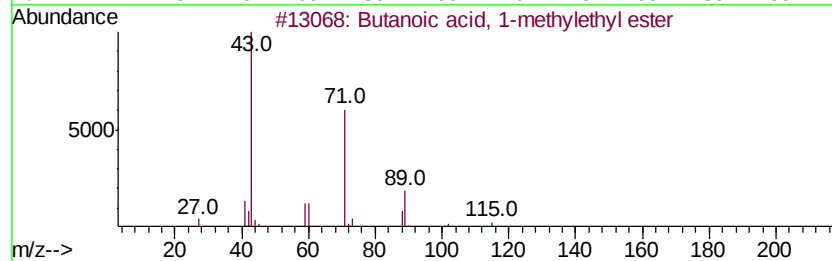
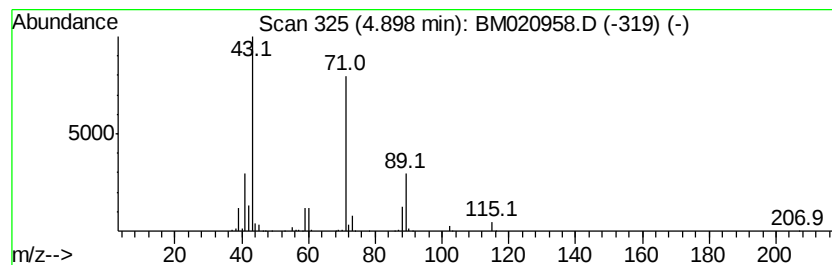
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 Butanoic acid, 1-methylethy... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.90	15.79 ng/ul	1369690	1,4-Dichlorobenzene-d4	7.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	90
2		Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	90
3		Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	90
4		Propanoic acid, 2-methyl-, propyl...	130	C7H14O2	000644-49-5	64
5		Butanoic acid, butyl ester	144	C8H16O2	000109-21-7	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM061419\
Data File : BM020958.D
Acq On : 15 Jun 2019 00:13
Operator : HP/JU
Sample : K3353-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0JW1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	3.04	17.6	ng/ul	1528810	1	7.80	1734570	20.0
Propanoic acid, 1...	3.75	5.3	ng/ul	457330	1	7.80	1734570	20.0
Propanoic acid, 2...	4.27	3.4	ng/ul	293604	1	7.80	1734570	20.0
Propanoic acid, p...	4.45	22.3	ng/ul	1935430	1	7.80	1734570	20.0
unknown-01	4.52	2.7	ng/ul	234349	1	7.80	1734570	20.0
Butanoic acid, 1-...	4.90	15.8	ng/ul	1369690	1	7.80	1734570	20.0