

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100119\
 Data File : BM022902.D
 Acq On : 02 Oct 2019 20:48
 Operator : JU
 Sample : K4895-14
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFDG0

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-BM092719MA.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	3.075	13	15	24	rVB	60522	84074	1.85%	0.135%
2	3.164	27	30	38	rVB	54012	78399	1.73%	0.126%
3	3.275	45	49	50	rBV	86689	103039	2.27%	0.166%
4	3.305	50	54	68	rVV	2580972	3209628	70.64%	5.168%
5	3.411	69	72	79	rVB3	19725	33015	0.73%	0.053%
6	3.617	103	107	111	rVB	25316	34138	0.75%	0.055%
7	3.669	112	116	122	rVB	79525	103562	2.28%	0.167%
8	3.728	122	126	132	rBV	300440	367012	8.08%	0.591%
9	3.917	151	158	165	rVB4	38146	73909	1.63%	0.119%
10	3.987	166	170	178	rVB2	71092	116599	2.57%	0.188%
11	4.152	194	198	205	rVV	50174	72461	1.59%	0.117%
12	4.269	213	218	225	rVV	651958	829125	18.25%	1.335%
13	4.334	225	229	243	rVV2	71996	112812	2.48%	0.182%
14	4.446	243	248	255	rVV	751722	965956	21.26%	1.555%
15	4.516	256	260	269	rVB	36008	57866	1.27%	0.093%
16	4.675	281	287	293	rBV	45068	67895	1.49%	0.109%
17	4.899	317	325	336	rVV	1013805	1343824	29.57%	2.164%
18	4.987	336	340	346	rVB2	17060	26765	0.59%	0.043%
19	5.128	357	364	371	rBV	701108	1047520	23.05%	1.687%
20	5.399	405	410	416	rVV	36079	50000	1.10%	0.081%
21	5.663	450	455	460	rBV	18561	26705	0.59%	0.043%
22	5.758	466	471	479	rBV	105477	151366	3.33%	0.244%
23	6.493	587	596	602	rBV4	16019	34577	0.76%	0.056%
24	6.805	643	649	656	rBV3	21756	41020	0.90%	0.066%
25	6.969	669	677	686	rBV2	264617	486851	10.71%	0.784%
26	7.134	698	705	713	rBV	719870	1176330	25.89%	1.894%
27	7.334	732	739	750	rVB	905595	1403133	30.88%	2.259%
28	7.452	750	759	764	rVB5	8086	21099	0.46%	0.034%
29	7.693	794	800	807	rVB3	8401	20670	0.45%	0.033%
30	7.799	811	818	826	rBV	830257	1314779	28.94%	2.117%
31	7.869	826	830	844	rVB2	42833	79606	1.75%	0.128%
32	8.152	873	878	886	rVB2	22734	38587	0.85%	0.062%
33	8.375	908	916	921	rBV2	16662	33310	0.73%	0.054%
34	8.504	931	938	946	rBV	710595	1131802	24.91%	1.822%

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35	8.622	952	958	963	rVB	20770	37485	0.82%	0.060%
36	8.951	1007	1014	1025	rVV	929080	1517598	33.40%	2.443%
37	9.399	1079	1090	1094	rBV3	16330	32380	0.71%	0.052%
38	9.675	1129	1137	1149	rBV	761582	1256525	27.65%	2.023%
39	9.922	1172	1179	1188	rBV	73691	130684	2.88%	0.210%
40	10.004	1188	1193	1198	rVV6	9869	22612	0.50%	0.036%
41	10.210	1219	1228	1239	rBV	1229238	2021501	44.49%	3.255%
42	10.587	1285	1292	1299	rBV	1132658	1920700	42.27%	3.092%
43	10.640	1299	1301	1308	rVV3	20855	36104	0.79%	0.058%
44	10.722	1308	1315	1327	rVV	864268	1456078	32.05%	2.344%
45	11.010	1359	1364	1368	rVV2	27392	40185	0.88%	0.065%
46	11.151	1382	1388	1395	rBV2	38141	73572	1.62%	0.118%
47	11.387	1422	1428	1441	rBV	52384	95505	2.10%	0.154%
48	11.922	1513	1519	1524	rBV2	23156	38651	0.85%	0.062%
49	12.122	1546	1553	1559	rBV	153779	249313	5.49%	0.401%
50	12.181	1559	1563	1568	rVB2	19602	29527	0.65%	0.048%
51	12.257	1572	1576	1581	rVB2	13900	22520	0.50%	0.036%
52	12.469	1608	1612	1616	rBV2	13851	21372	0.47%	0.034%
53	12.716	1646	1654	1660	rBV4	36280	68694	1.51%	0.111%
54	12.887	1677	1683	1690	rVB	33463	58616	1.29%	0.094%
55	13.275	1743	1749	1754	rBV3	26256	40072	0.88%	0.065%
56	13.345	1754	1761	1771	rVV2	131873	246743	5.43%	0.397%
57	13.610	1801	1806	1814	rVV5	13259	26228	0.58%	0.042%
58	13.845	1836	1846	1850	rBV	2028713	2825258	62.18%	4.549%
59	13.892	1850	1854	1863	rVV	874452	1209387	26.62%	1.947%
60	13.986	1863	1870	1873	rVV4	16093	29409	0.65%	0.047%
61	14.022	1873	1876	1881	rVB	18522	28067	0.62%	0.045%
62	14.128	1881	1894	1906	rBV	2351948	3472163	76.42%	5.590%
63	14.292	1916	1922	1926	rBV	46920	70258	1.55%	0.113%
64	14.345	1926	1931	1937	rVB	62668	96069	2.11%	0.155%
65	14.433	1937	1946	1953	rBV	1673525	2459254	54.12%	3.959%
66	14.498	1953	1957	1964	rVB	55075	90200	1.99%	0.145%
67	14.628	1974	1979	1987	rBV	160823	265905	5.85%	0.428%
68	14.781	2001	2005	2009	rBV3	22944	31947	0.70%	0.051%
69	14.828	2009	2013	2014	rVV3	19660	25121	0.55%	0.040%
70	14.851	2014	2017	2022	rVB2	46081	67446	1.48%	0.109%
71	15.051	2044	2051	2057	rBV8	16003	39821	0.88%	0.064%

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72	15.204	2072	2077	2081	rBV	52958	88674	1.95%	0.143%
73	15.251	2082	2085	2089	rVB2	41471	64834	1.43%	0.104%
74	15.428	2105	2115	2120	rBV	2873768	4146582	91.26%	6.676%
75	15.475	2120	2123	2128	rVB2	80760	117463	2.59%	0.189%
76	15.539	2128	2134	2141	rBV	745188	1005566	22.13%	1.619%
77	15.604	2141	2145	2149	rVV	37013	57956	1.28%	0.093%
78	15.663	2149	2155	2164	rVB4	44222	95121	2.09%	0.153%
79	15.745	2166	2169	2174	rBV6	11514	20607	0.45%	0.033%
80	15.869	2186	2190	2196	rBV	34725	52541	1.16%	0.085%
81	15.933	2197	2201	2206	rVB5	16124	29840	0.66%	0.048%
82	15.992	2206	2211	2216	rBV7	10482	25254	0.56%	0.041%
83	16.469	2287	2292	2298	rVB3	46598	83022	1.83%	0.134%
84	16.533	2299	2303	2306	rVV2	16131	24289	0.53%	0.039%
85	17.174	2405	2412	2417	rBV2	1625752	2343655	51.58%	3.773%
86	17.210	2417	2418	2422	rVV	75062	78446	1.73%	0.126%
87	17.269	2422	2428	2439	rVB2	2894425	4148605	91.30%	6.679%
88	17.545	2470	2475	2477	rBV	50136	76018	1.67%	0.122%
89	18.069	2559	2564	2574	rBV	262072	398838	8.78%	0.642%
90	19.086	2734	2737	2741	rBV4	17103	24611	0.54%	0.040%
91	19.198	2752	2756	2758	rBV	37344	47537	1.05%	0.077%
92	19.227	2758	2761	2765	rVB	36229	47360	1.04%	0.076%
93	19.351	2778	2782	2790	rBV	93815	140836	3.10%	0.227%
94	19.563	2812	2818	2831	rBV	3248673	4346297	95.65%	6.998%
95	21.068	3070	3074	3079	rBV	338878	428458	9.43%	0.690%
96	21.268	3106	3108	3112	rVB	71234	74011	1.63%	0.119%
97	21.351	3117	3122	3129	rVV	1723096	2188435	48.16%	3.523%
98	22.209	3265	3268	3272	rVB	130190	151605	3.34%	0.244%
99	23.468	3476	3482	3496	rVB	2350122	4543785	100.00%	7.316%
100	23.609	3500	3506	3517	rVB	1240609	2369630	52.15%	3.815%

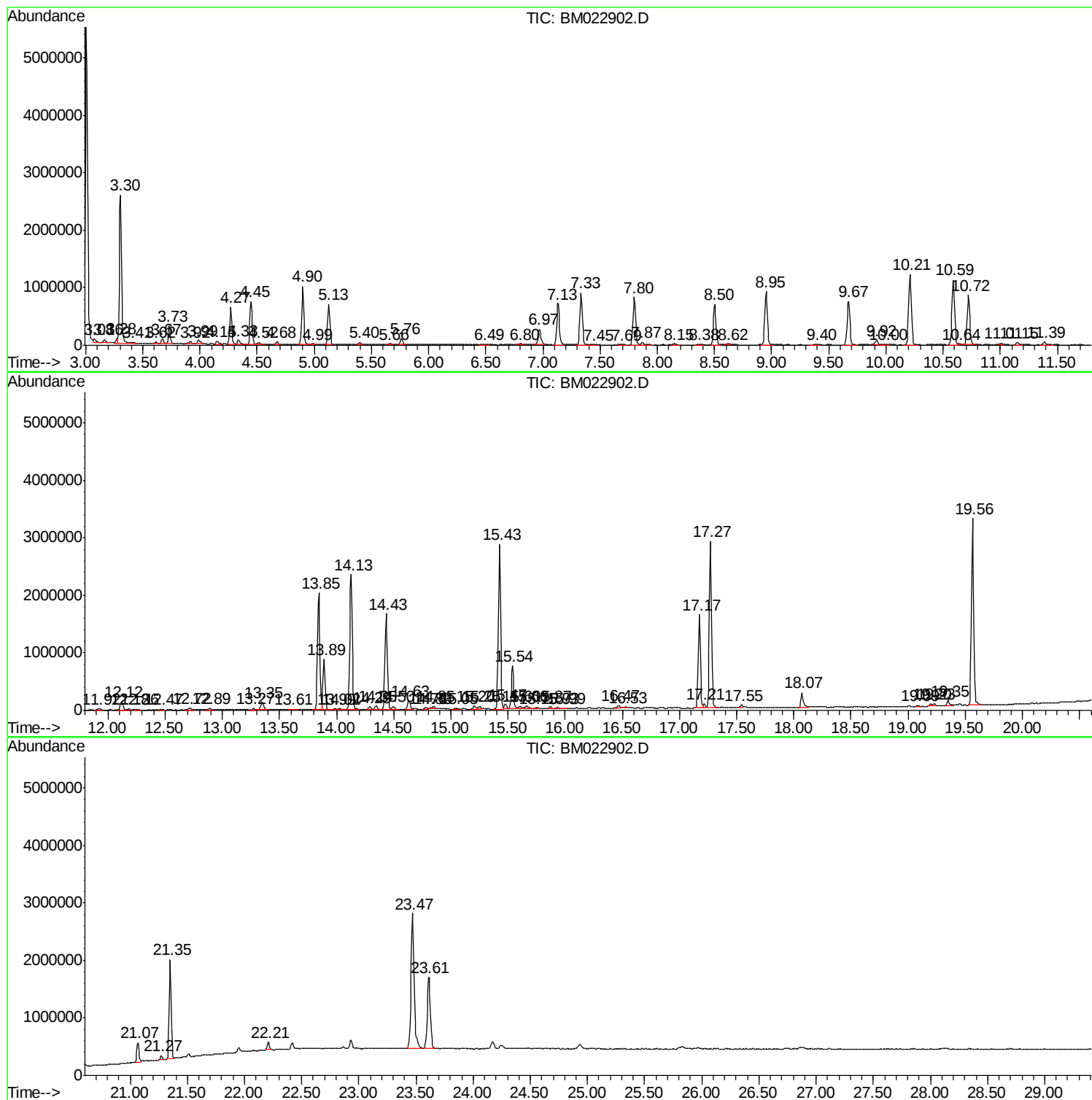
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

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



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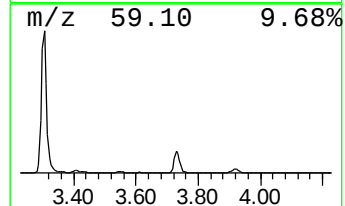
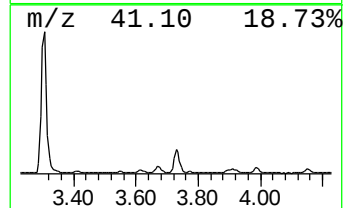
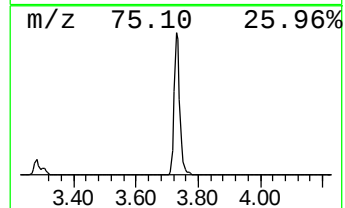
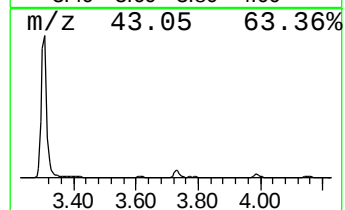
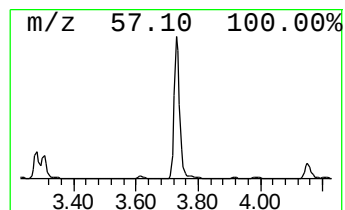
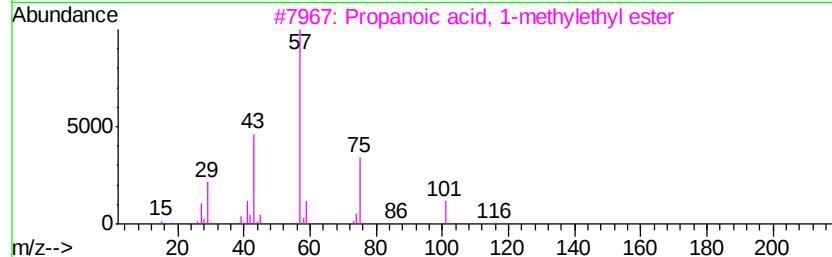
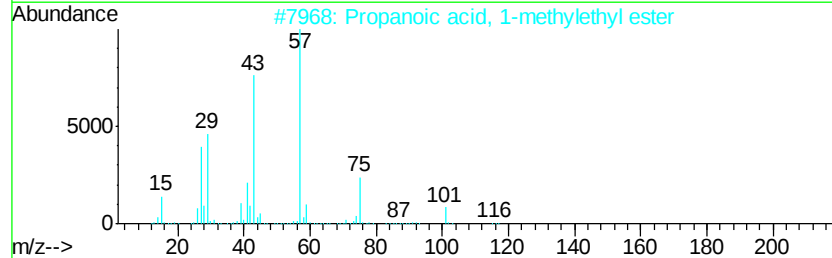
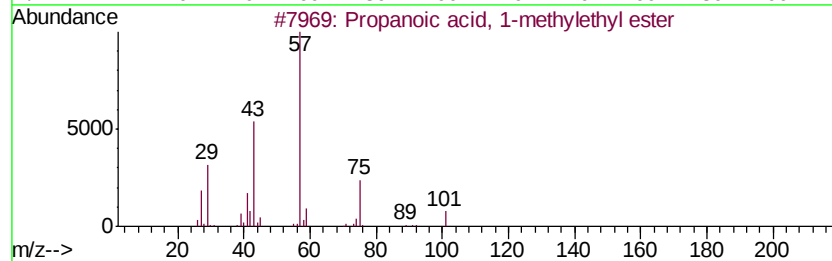
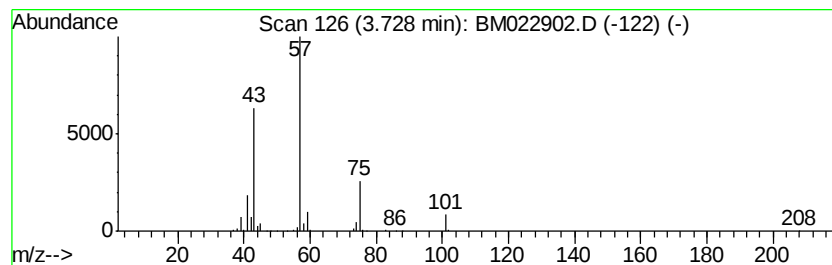
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Propanoic acid, 1-methyleth... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.73	5.58 ng/ul	367012	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	83
2		Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	74
3		Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	72
4		Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	45
5		Propane, 1-(1-methylethoxy)-	102	C6H14O	000627-08-7	23



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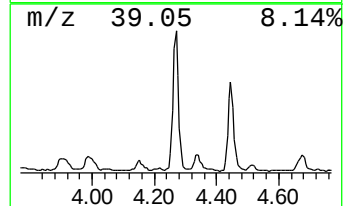
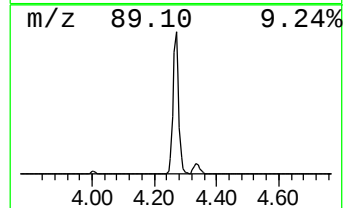
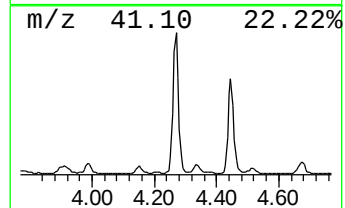
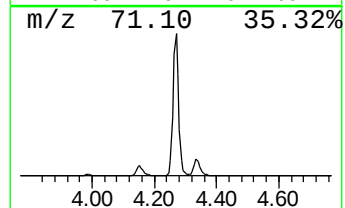
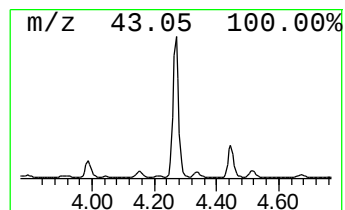
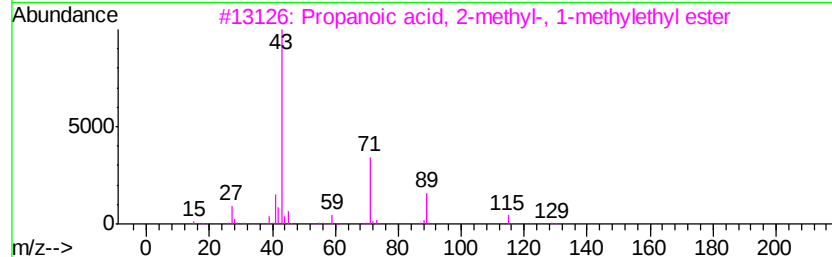
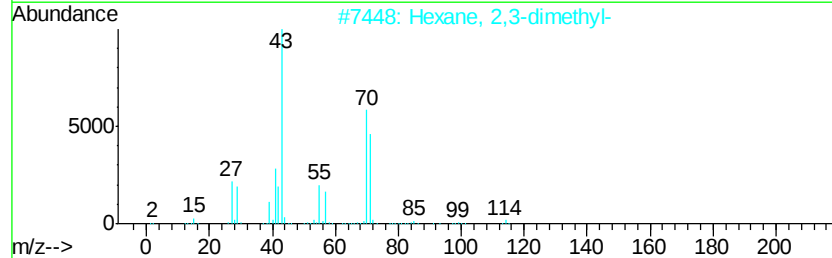
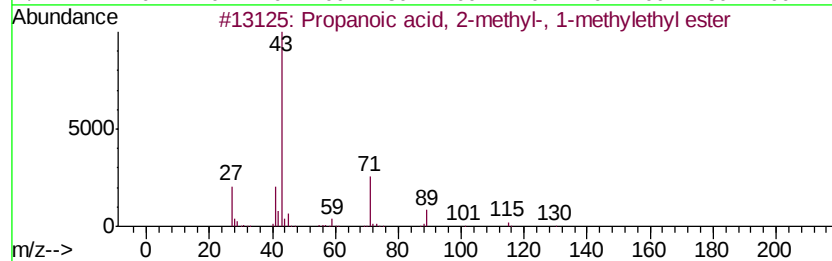
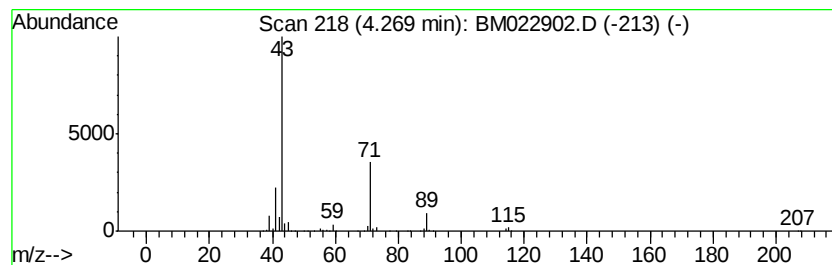
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Propanoic acid, 2-methyl-, ... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.27	12.61 ng/ul	829125	1,4-Dichlorobenzene-d4	7.80

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	64	
2	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	50	
3	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	50	
4	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	50	
5	Propanoic acid, 2-methyl-, penty...	158	C9H18O2	002445-72-9	39	



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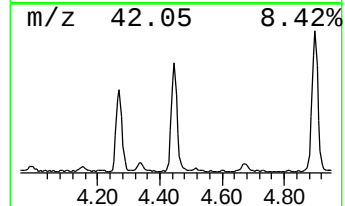
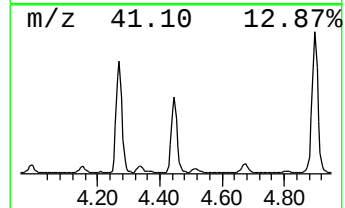
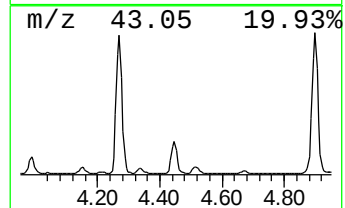
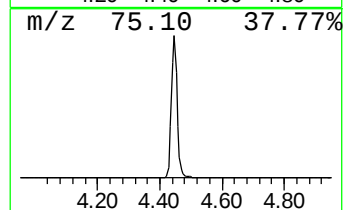
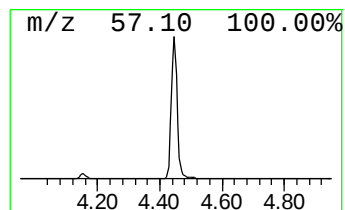
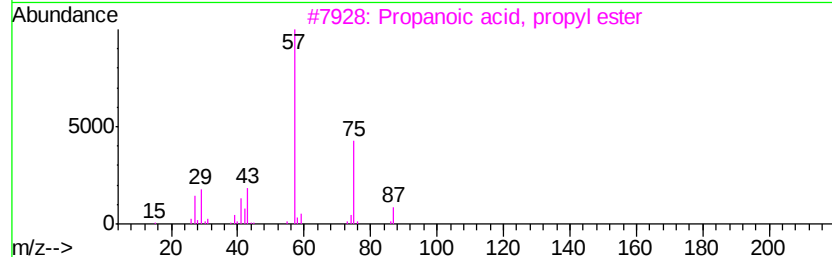
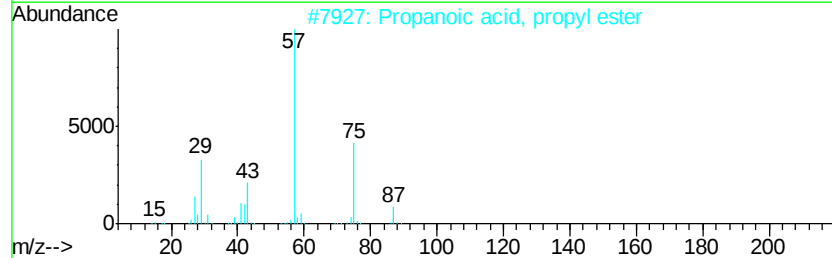
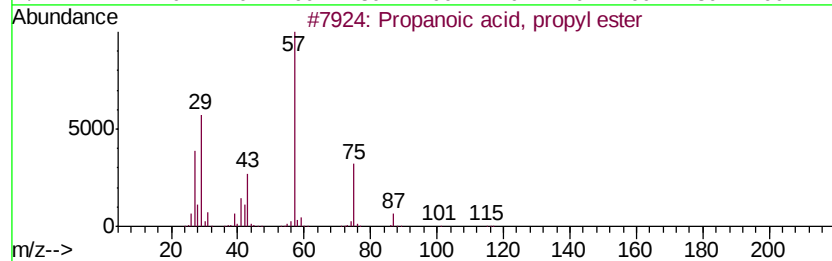
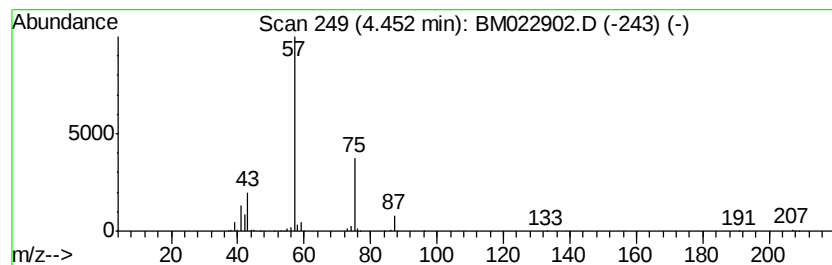
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Peak Number 3 Propanoic acid, propyl ester Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.45	14.69 ng/ul	965956	1,4-Dichlorobenzene-d4	7.80

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	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	78	
4	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	64	
5	Propanoic acid, butyl ester	130	C7H14O2	000590-01-2	38	



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100119\
Data File : BM022902.D
Acq On : 02 Oct 2019 20:48
Operator : JU
Sample : K4895-14
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleID :
BFDG0

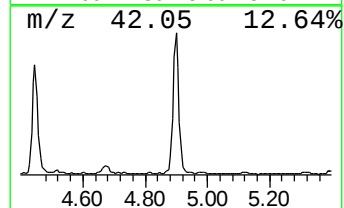
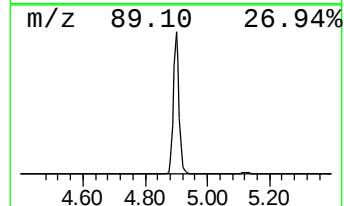
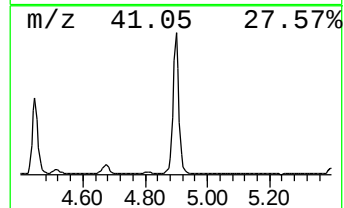
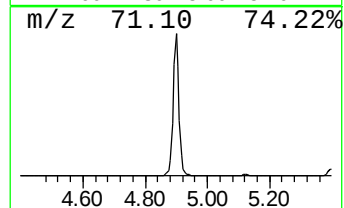
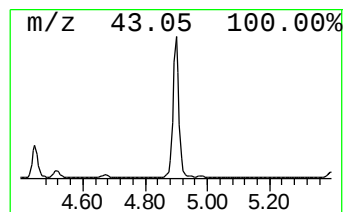
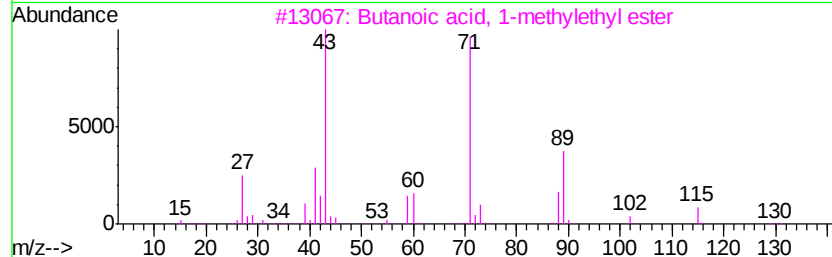
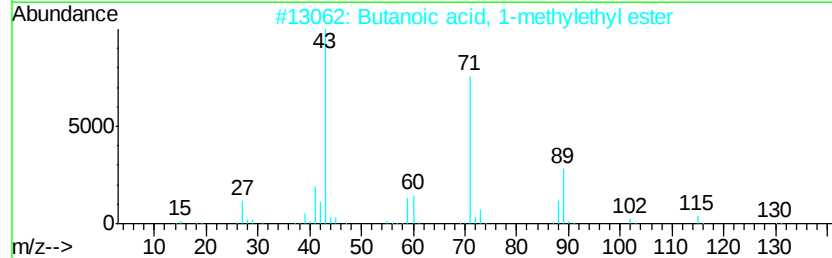
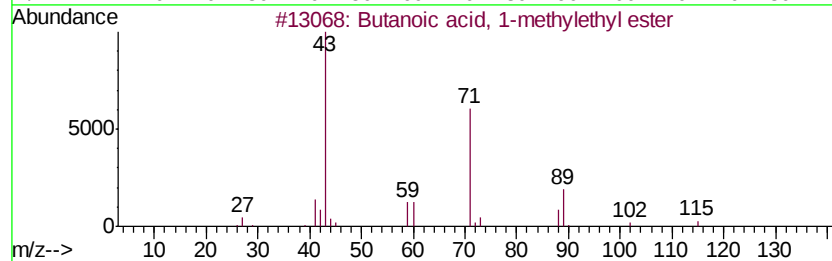
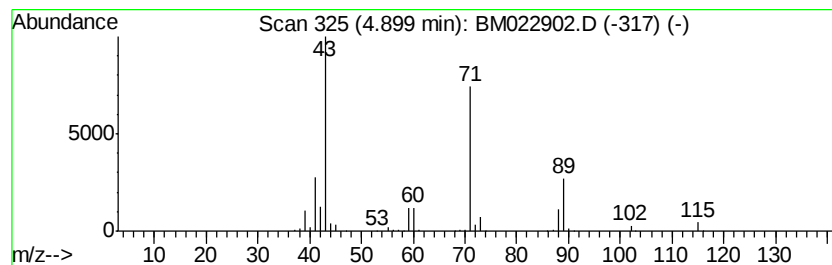
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Butanoic acid, 1-methylethy... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.90	20.44 ng/ul	1343820	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	83
4		Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	78
5		Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100119\
Data File : BM022902.D
Acq On : 02 Oct 2019 20:48
Operator : JU
Sample : K4895-14
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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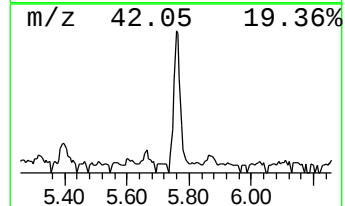
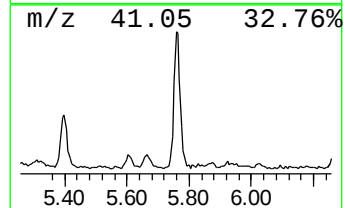
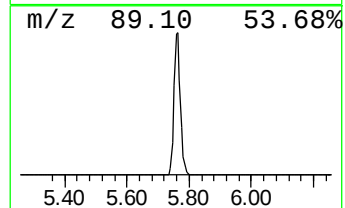
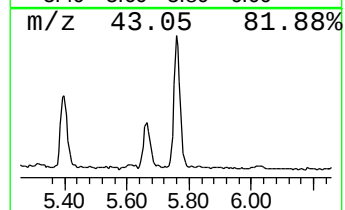
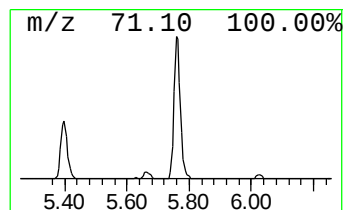
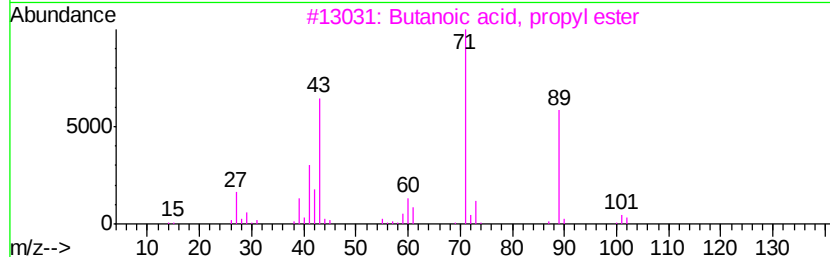
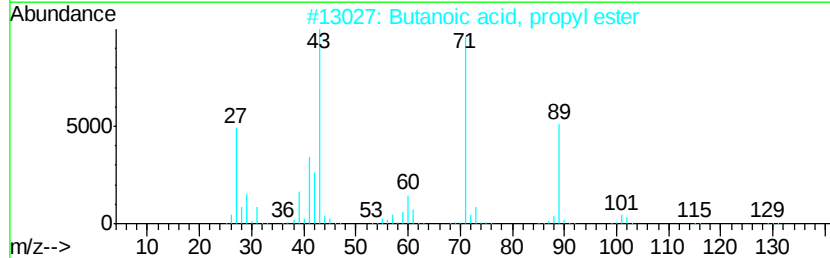
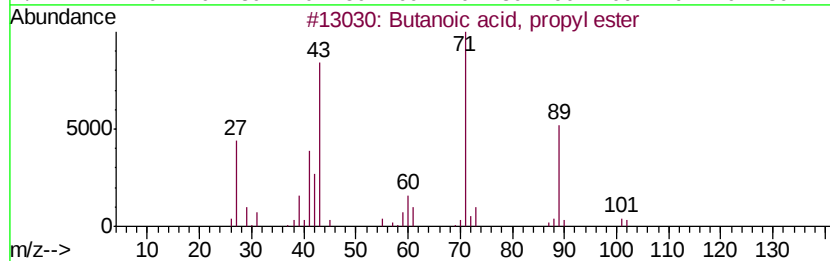
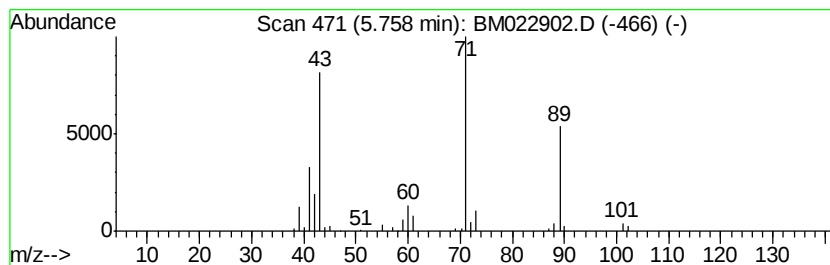
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Butanoic acid, propyl ester Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.76	2.30 ng/ul	151366	1,4-Dichlorobenzene-d4	7.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butanoic acid, propyl ester	130	C7H14O2	000105-66-8	91
2		Butanoic acid, propyl ester	130	C7H14O2	000105-66-8	90
3		Butanoic acid, propyl ester	130	C7H14O2	000105-66-8	90
4		Butanoic acid, propyl ester	130	C7H14O2	000105-66-8	83
5		Butanoic acid, hexyl ester	172	C10H20O2	002639-63-6	78



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100119\
Data File : BM022902.D
Acq On : 02 Oct 2019 20:48
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Sample : K4895-14
Misc :
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Instrument :
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ClientSampleId :
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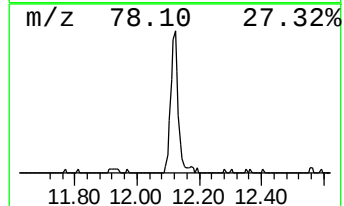
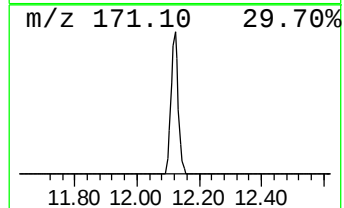
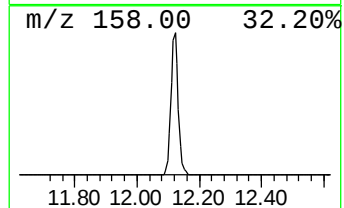
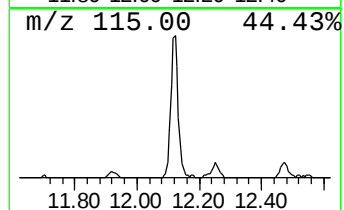
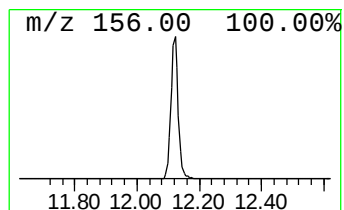
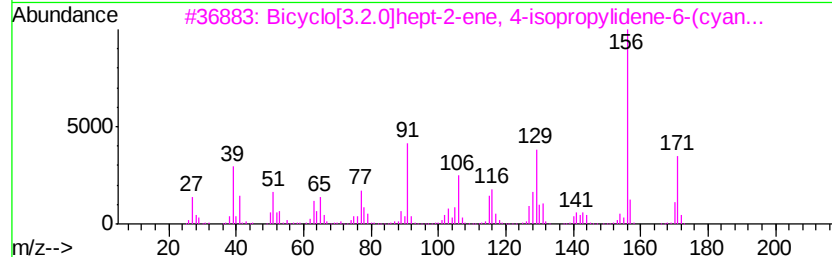
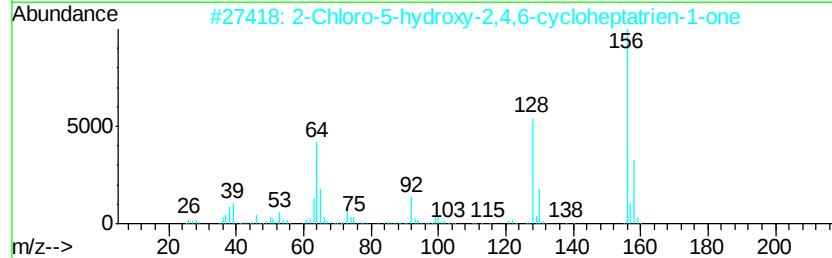
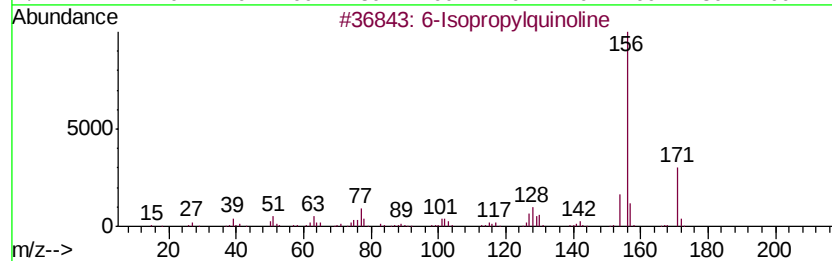
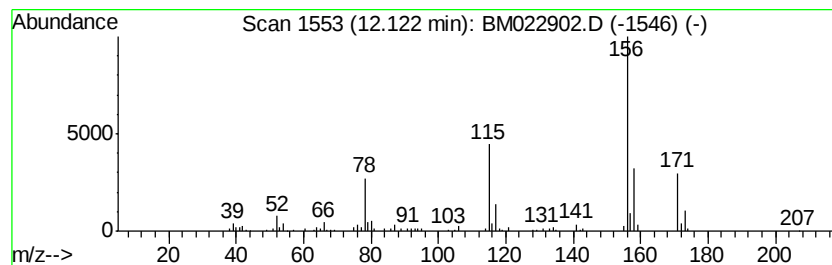
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 unknown-01 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.12	2.60 ng/ul	249313	Naphthalene-d8	10.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	6-Isopropylquinoline	171	C12H13N	000135-79-5	43
2		2-Chloro-5-hydroxy-2,4,6-cyclohe...	156	C7H5ClO2	007009-16-7	38
3		Bicyclo[3.2.0]hept-2-ene, 4-isop...	171	C12H13N	1000217-15-6	32
4		Benzene, 1-chloro-4-methoxy-2-me...	156	C8H9ClO	013334-71-9	32
5		2,2'-Bipyridine	156	C10H8N2	000366-18-7	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100119\
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Sample : K4895-14
Misc :
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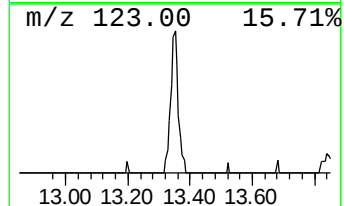
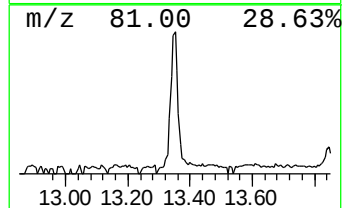
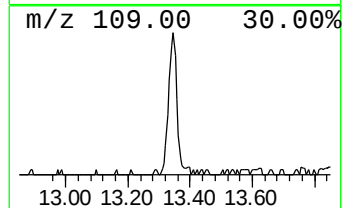
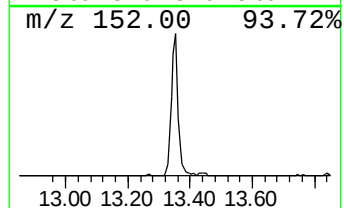
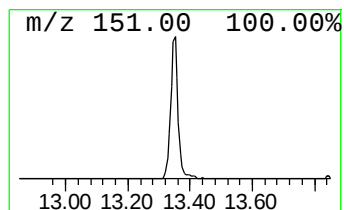
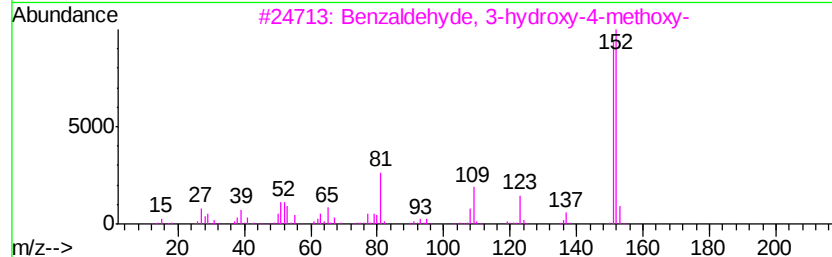
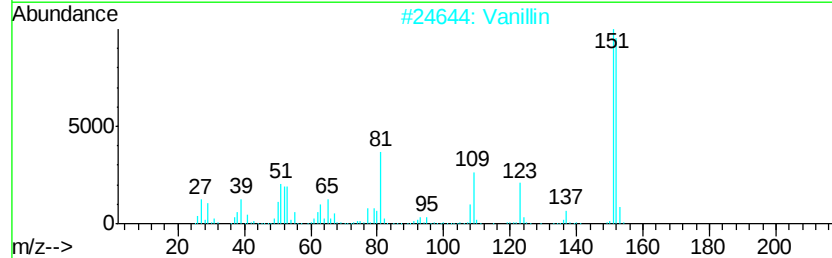
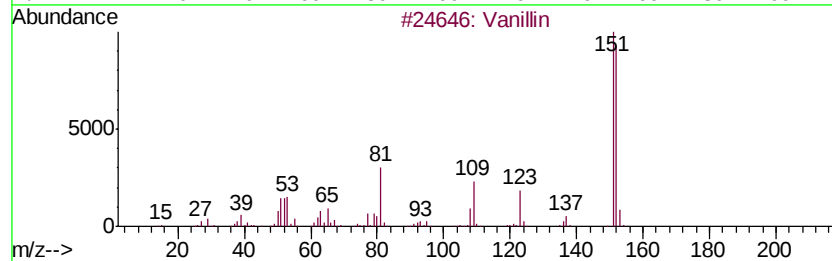
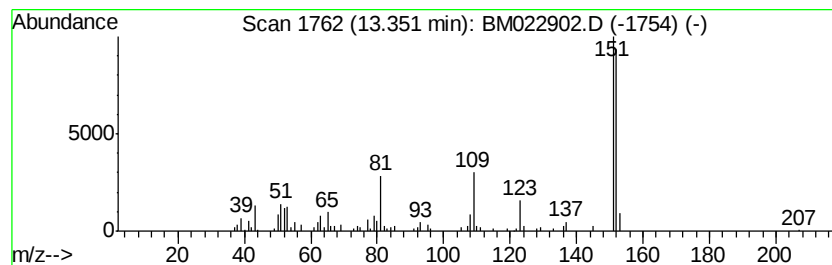
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 Vanillin Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.35	2.01 ng/ul	246743	Acenaphthene-d10	14.43
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Vanillin	152 C8H8O3	000121-33-5	96
2	Vanillin	152 C8H8O3	000121-33-5	95
3	Benzaldehyde, 3-hydroxy-4-methoxy-	152 C8H8O3	000621-59-0	94
4	Vanillin	152 C8H8O3	000121-33-5	93
5	Benzaldehyde, 3-hydroxy-4-methoxy-	152 C8H8O3	000621-59-0	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100119\
Data File : BM022902.D
Acq On : 02 Oct 2019 20:48
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Sample : K4895-14
Misc :
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ClientSampleId :
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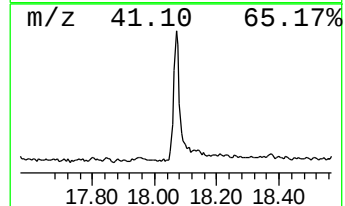
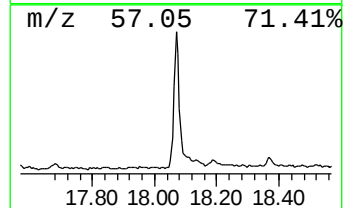
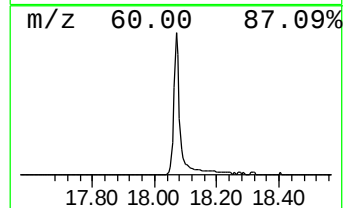
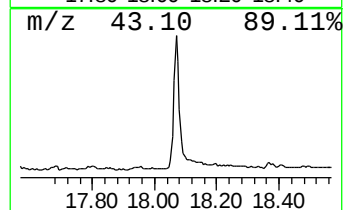
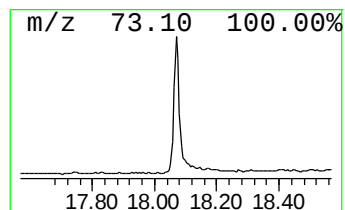
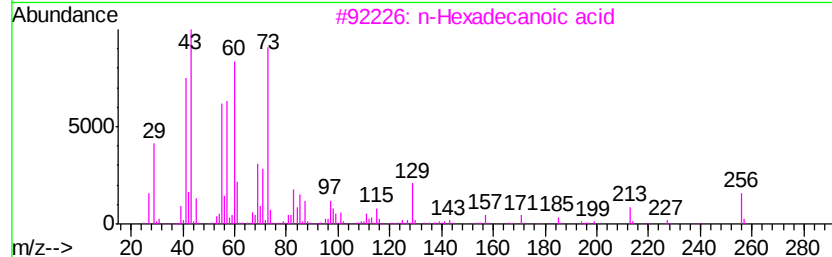
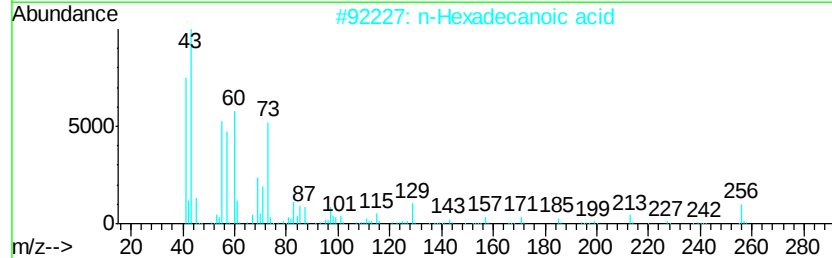
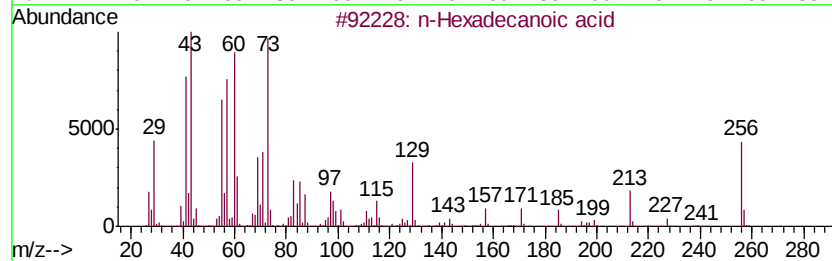
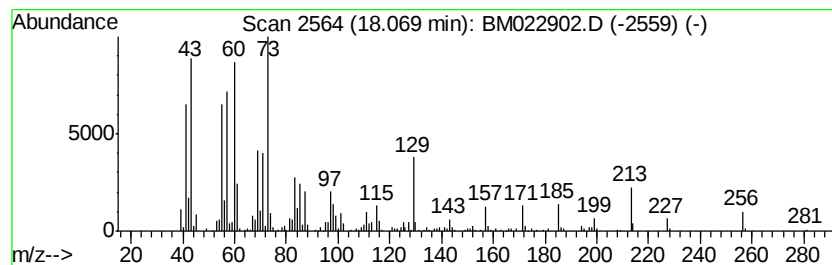
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.07	3.40 ng/ul	398838	Phenanthrene-d10	17.17

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97	
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95	
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91	
4	Tridecanoic acid	214	C13H26O2	000638-53-9	76	
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	74	



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ClientSampleId :
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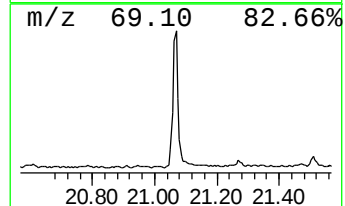
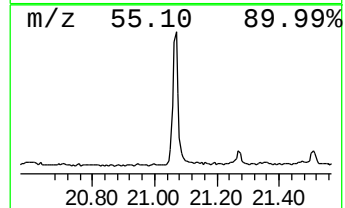
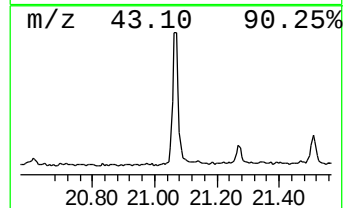
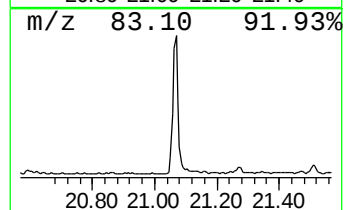
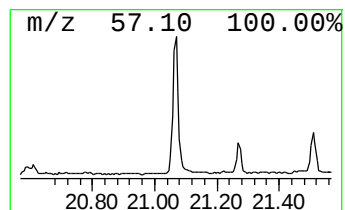
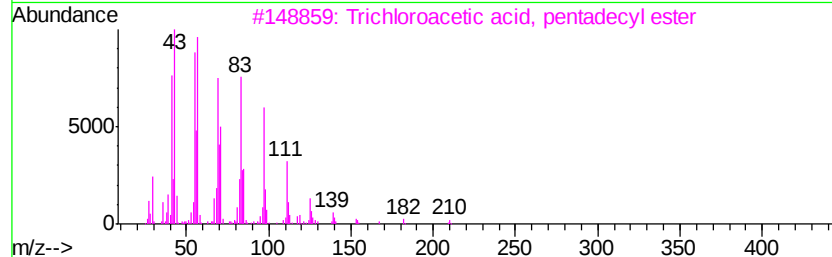
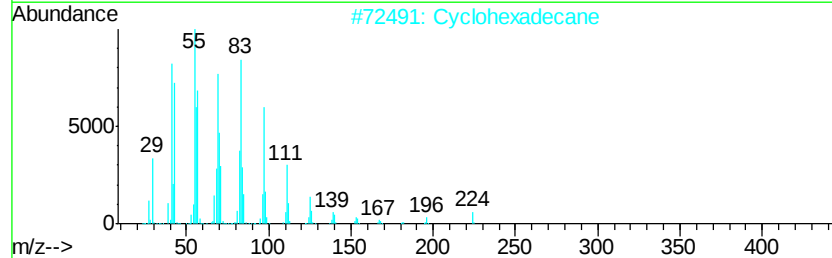
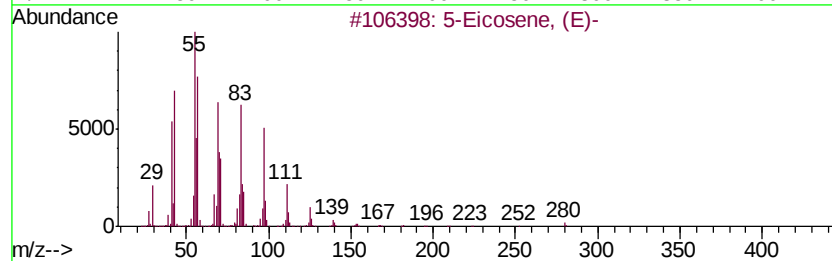
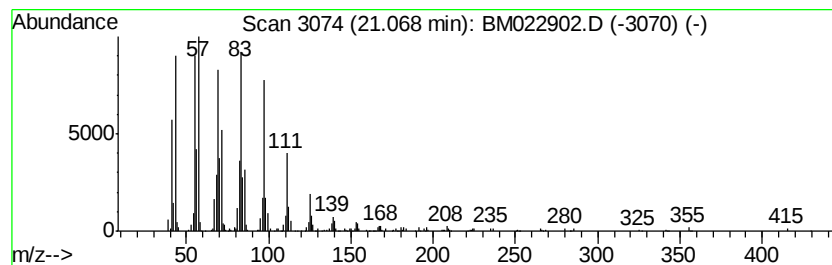
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 (DEL) Alkane: Cyclic21.07 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.07	3.92 ng/ul	428458	Chrysene-d12	21.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Eicosene, (E)-	280	C20H40	074685-30-6	99
2		Cyclohexadecane	224	C16H32	000295-65-8	98
3		Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	94
4		1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
5		1-Nonadecanol	284	C19H40O	001454-84-8	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100119\
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Misc :
ALS Vial : 48 Sample Multiplier: 1

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.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
Propanoic acid, 1...	3.73	5.6	ng/ul	367012	1	7.80	1314780	20.0
Propanoic acid, 2...	4.27	12.6	ng/ul	829125	1	7.80	1314780	20.0
Propanoic acid, p...	4.45	14.7	ng/ul	965956	1	7.80	1314780	20.0
Butanoic acid, 1-...	4.90	20.4	ng/ul	1343820	1	7.80	1314780	20.0
Butanoic acid, pr...	5.76	2.3	ng/ul	151366	1	7.80	1314780	20.0
unknown-01	12.12	2.6	ng/ul	249313	2	10.59	1920700	20.0
Vanillin	13.35	2.0	ng/ul	246743	3	14.43	2459250	20.0
n-Hexadecanoic acid	18.07	3.4	ng/ul	398838	4	17.17	2343660	20.0
(DEL) Alkane: Cyc...	21.07	3.9	ng/ul	428458	5	21.35	2188440	20.0