

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061419\
 Data File : BM020953.D
 Acq On : 14 Jun 2019 21:11
 Operator : HP/JU
 Sample : K3353-09
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0JW6

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	17	rVB	1135758	1259808	12.20%	1.184%
2	3.111	18	21	27	rVB	61431	81415	0.79%	0.077%
3	3.193	32	35	41	rVB	47467	60168	0.58%	0.057%
4	3.328	54	58	72	rVB	2942127	3415194	33.08%	3.210%
5	3.746	125	129	135	rBV	467620	558199	5.41%	0.525%
6	3.999	168	172	181	rVB2	53606	88235	0.85%	0.083%
7	4.122	190	193	196	rBV2	14348	19925	0.19%	0.019%
8	4.163	196	200	209	rVB	46070	70037	0.68%	0.066%
9	4.275	214	219	225	rBV	269930	355357	3.44%	0.334%
10	4.340	226	230	243	rVB2	132909	192201	1.86%	0.181%
11	4.452	244	249	256	rBV	1800644	2313045	22.41%	2.174%
12	4.516	256	260	270	rVB2	150460	294836	2.86%	0.277%
13	4.899	319	325	332	rBV	1227215	1642255	15.91%	1.544%
14	5.393	405	409	416	rVB2	26405	40278	0.39%	0.038%
15	5.487	422	425	434	rBV2	21521	35549	0.34%	0.033%
16	5.752	465	470	476	rBV	83904	118971	1.15%	0.112%
17	6.793	643	647	653	rVB2	21389	31312	0.30%	0.029%
18	6.963	669	676	689	rVB	475060	839066	8.13%	0.789%
19	7.134	698	705	720	rBV	1156529	1740173	16.86%	1.636%
20	7.328	731	738	747	rVB	1330008	2054404	19.90%	1.931%
21	7.798	809	818	824	rBV	928893	1512264	14.65%	1.422%
22	7.851	824	827	834	rVB	50864	75840	0.73%	0.071%
23	8.357	909	913	917	rBV5	9551	14362	0.14%	0.014%
24	8.498	927	937	946	rBV	1199821	1972034	19.10%	1.854%
25	8.622	952	958	968	rVB	45427	84782	0.82%	0.080%
26	8.716	968	974	977	rBV5	10016	12871	0.12%	0.012%
27	8.904	1000	1006	1008	rBV3	10715	17723	0.17%	0.017%
28	8.957	1008	1015	1027	rVV	1468991	2392878	23.18%	2.249%
29	9.057	1027	1032	1037	rVV3	16822	28246	0.27%	0.027%
30	9.175	1048	1052	1062	rVB2	22634	58761	0.57%	0.055%
31	9.334	1073	1079	1084	rBV	22828	34867	0.34%	0.033%
32	9.381	1084	1087	1092	rVV3	11811	17485	0.17%	0.016%
33	9.492	1104	1106	1118	rVB4	8082	17700	0.17%	0.017%
34	9.675	1129	1137	1148	rBV	1268542	2092093	20.27%	1.967%

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Integration Parameters: LSCINT.P

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

35	9.898	1170	1175	1188	rBV4	18614	41551	0.40%	0.039%
36	10.204	1220	1227	1237	rBV	1991473	3310540	32.07%	3.112%
37	10.369	1248	1255	1266	rBV	63929	125941	1.22%	0.118%
38	10.587	1284	1292	1299	rBV	1437091	2338066	22.65%	2.198%
39	10.728	1308	1316	1324	rBV	1732244	2958690	28.66%	2.781%
40	11.122	1379	1383	1388	rBV3	8120	12576	0.12%	0.012%
41	11.181	1388	1393	1399	rVV3	9435	19902	0.19%	0.019%
42	11.245	1399	1404	1411	rVB3	11116	21563	0.21%	0.020%
43	11.369	1420	1425	1430	rBV5	16689	32849	0.32%	0.031%
44	11.616	1461	1467	1473	rBV6	9116	21585	0.21%	0.020%
45	11.975	1521	1528	1531	rBV5	9177	14741	0.14%	0.014%
46	12.175	1556	1562	1568	rVB2	29968	47762	0.46%	0.045%
47	12.275	1571	1579	1585	rBV3	19905	37067	0.36%	0.035%
48	12.780	1658	1665	1672	rBV	28302	43590	0.42%	0.041%
49	12.851	1674	1677	1683	rBV3	15291	21724	0.21%	0.020%
50	13.033	1701	1708	1717	rVB3	39926	65004	0.63%	0.061%
51	13.845	1837	1846	1851	rBV	4129195	5696376	55.18%	5.355%
52	13.892	1851	1854	1861	rVV	284681	367845	3.56%	0.346%
53	13.957	1861	1865	1871	rVB3	28421	36222	0.35%	0.034%
54	14.080	1881	1886	1888	rBV3	29460	42869	0.42%	0.040%
55	14.127	1888	1894	1905	rVB	4492800	6655955	64.47%	6.257%
56	14.322	1921	1927	1929	rBV4	6991	12844	0.12%	0.012%
57	14.433	1939	1946	1955	rBV2	2369040	3866393	37.45%	3.635%
58	14.522	1956	1961	1967	rVB2	34785	49430	0.48%	0.046%
59	14.639	1974	1981	1992	rBV2	467969	833130	8.07%	0.783%
60	14.851	2012	2017	2025	rVB8	15720	29443	0.29%	0.028%
61	15.227	2076	2081	2085	rBV	105864	145340	1.41%	0.137%
62	15.257	2085	2086	2094	rVB2	31211	38542	0.37%	0.036%
63	15.427	2108	2115	2128	rVB	6056214	8663780	83.92%	8.144%
64	15.551	2128	2136	2149	rBV	1316319	1835886	17.78%	1.726%
65	15.669	2151	2156	2161	rVB	74605	111164	1.08%	0.104%
66	15.769	2168	2173	2176	rBV5	15830	27313	0.26%	0.026%
67	15.892	2187	2194	2200	rBV8	19884	40034	0.39%	0.038%
68	15.998	2209	2212	2216	rVB4	13609	17356	0.17%	0.016%
69	16.104	2225	2230	2233	rVV5	17099	25667	0.25%	0.024%
70	16.139	2233	2236	2244	rVV6	20754	34042	0.33%	0.032%
71	16.210	2244	2248	2253	rVB6	12699	17880	0.17%	0.017%

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72	16.321	2263	2267	2271	rBV2	24314	33565	0.33%	0.032%
73	16.380	2271	2277	2281	rVB5	11502	20614	0.20%	0.019%
74	16.486	2291	2295	2301	rVB7	8816	13919	0.13%	0.013%
75	16.657	2320	2324	2328	rVB6	8989	13476	0.13%	0.013%
76	16.933	2368	2371	2373	rVV3	12081	16860	0.16%	0.016%
77	16.963	2373	2376	2385	rVB7	15050	32711	0.32%	0.031%
78	17.098	2392	2399	2404	rVB5	40895	57811	0.56%	0.054%
79	17.180	2407	2413	2419	rBV2	3183312	4517222	43.76%	4.246%
80	17.280	2423	2430	2441	rBV2	6654802	9343105	90.50%	8.783%
81	17.463	2458	2461	2466	rBV2	15757	21951	0.21%	0.021%
82	17.668	2492	2496	2499	rBV3	14885	19201	0.19%	0.018%
83	17.845	2522	2526	2532	rVB2	114283	143986	1.39%	0.135%
84	18.068	2559	2564	2574	rBV	483450	733910	7.11%	0.690%
85	18.145	2574	2577	2585	rVB	54832	89357	0.87%	0.084%
86	18.362	2611	2614	2618	rVB4	16074	20791	0.20%	0.020%
87	18.998	2719	2722	2725	rBV4	14009	18339	0.18%	0.017%
88	19.204	2754	2757	2767	rBV2	75484	107804	1.04%	0.101%
89	19.351	2777	2782	2791	rBV2	290732	467848	4.53%	0.440%
90	19.462	2796	2801	2804	rVB	65580	96170	0.93%	0.090%
91	19.574	2814	2820	2833	rVB	7683963	10323657	100.00%	9.705%
92	20.109	2908	2911	2915	rVB5	25431	31644	0.31%	0.030%
93	20.604	2993	2995	2999	rVB3	37920	39389	0.38%	0.037%
94	21.068	3070	3074	3081	rBV	296323	389951	3.78%	0.367%
95	21.362	3118	3124	3131	rBV	3585608	4503601	43.62%	4.234%
96	21.503	3146	3148	3152	rVB3	93823	83889	0.81%	0.079%
97	21.945	3221	3223	3229	rVB2	105146	104877	1.02%	0.099%
98	22.415	3300	3303	3308	rVB	155650	192307	1.86%	0.181%
99	23.497	3480	3487	3497	rVB	4856196	9468866	91.72%	8.901%
100	23.639	3505	3511	3524	rVB	2165008	4269269	41.35%	4.013%

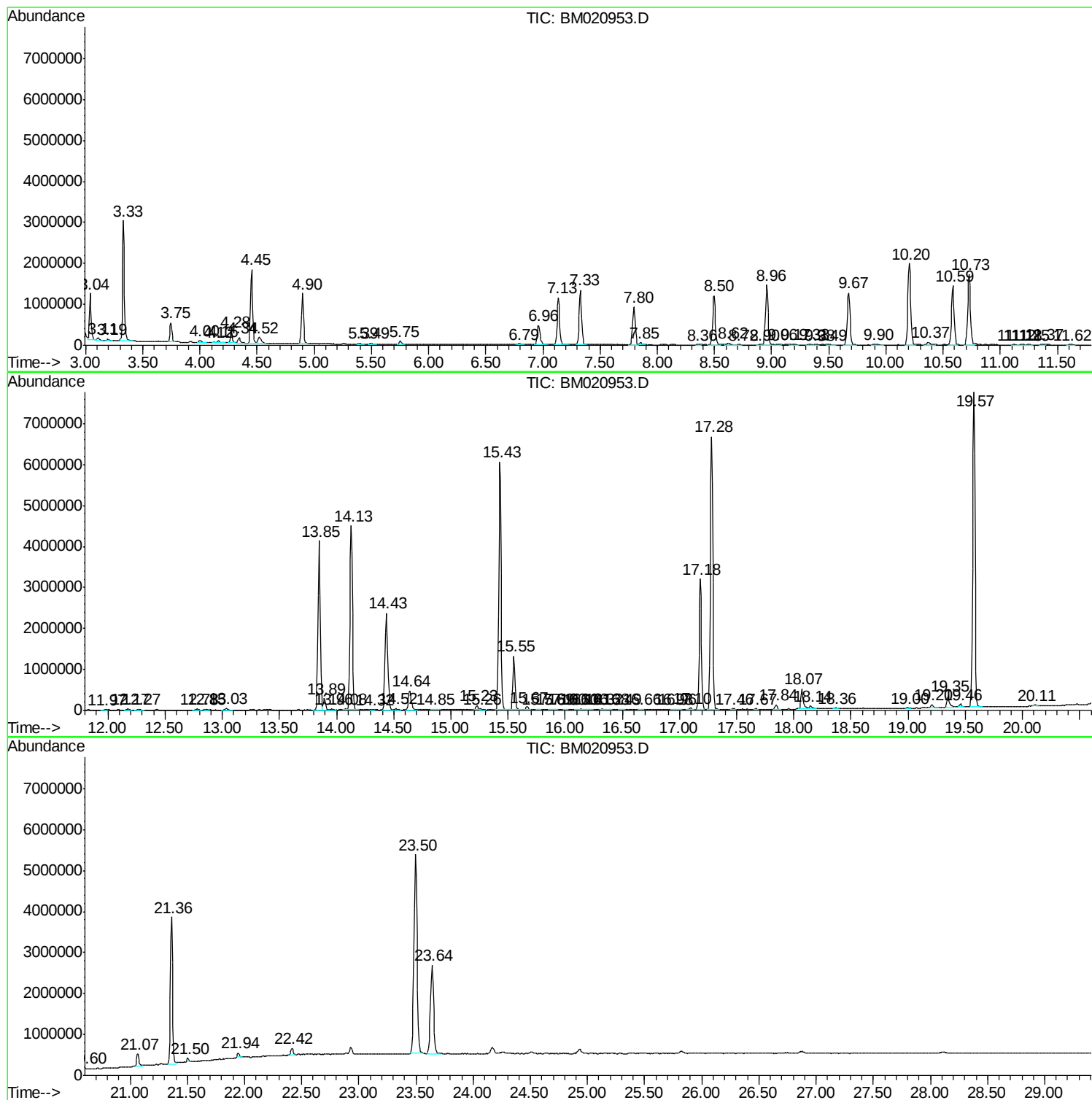
Sum of corrected areas: 106379086

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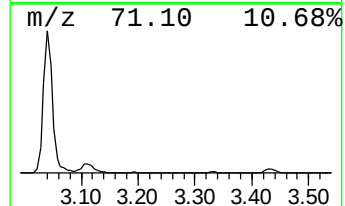
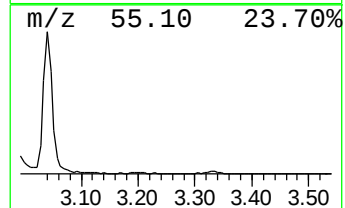
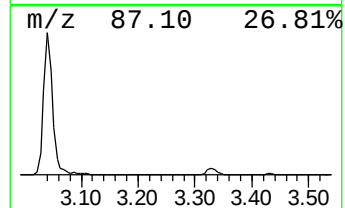
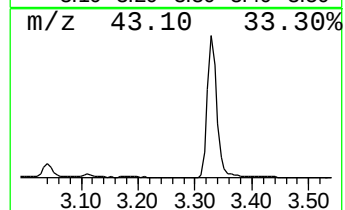
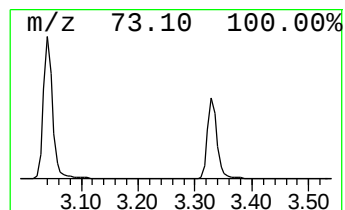
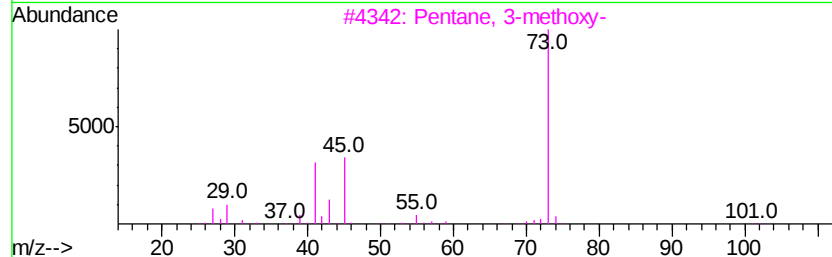
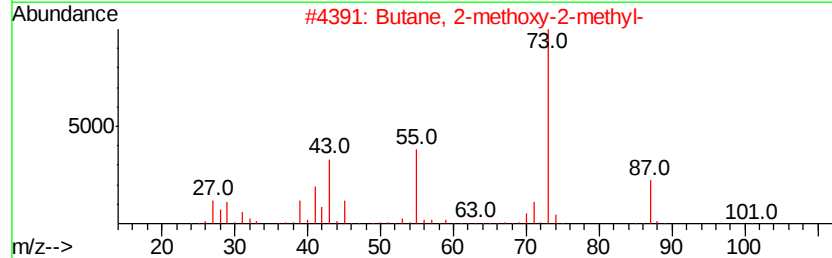
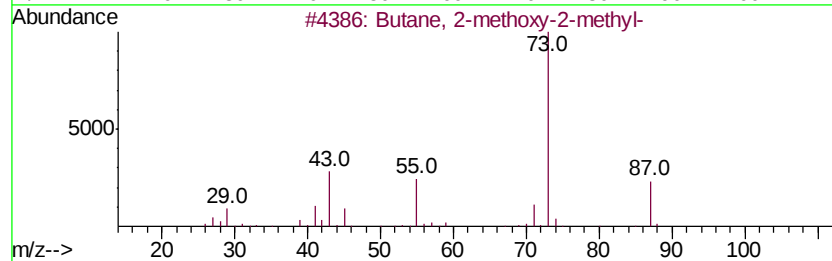
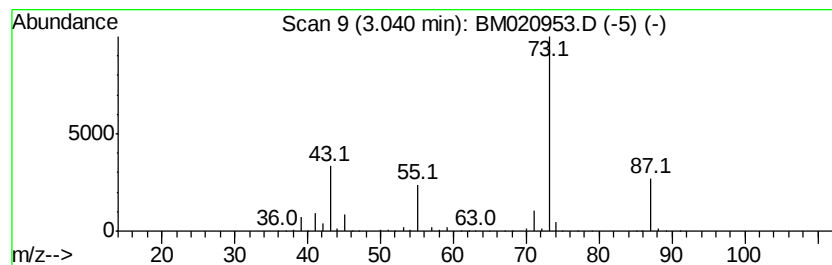
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.04	16.66 ng/ul	1259810	1,4-Dichlorobenzene-d4	7.80

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	86
2			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	74
3			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5			Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9



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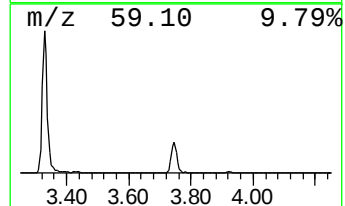
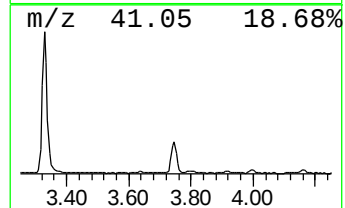
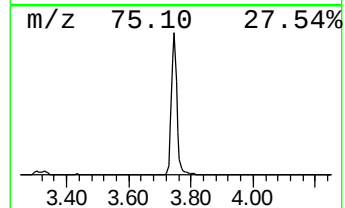
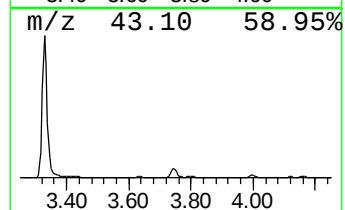
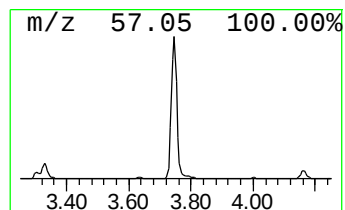
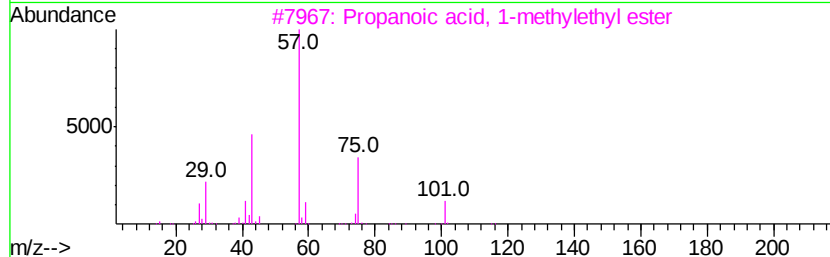
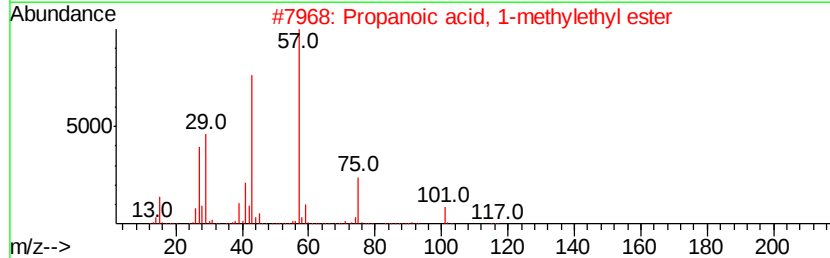
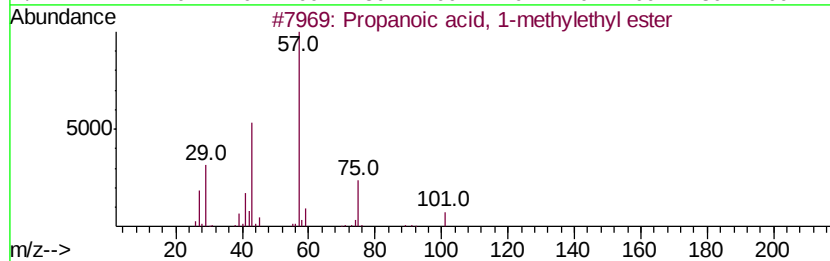
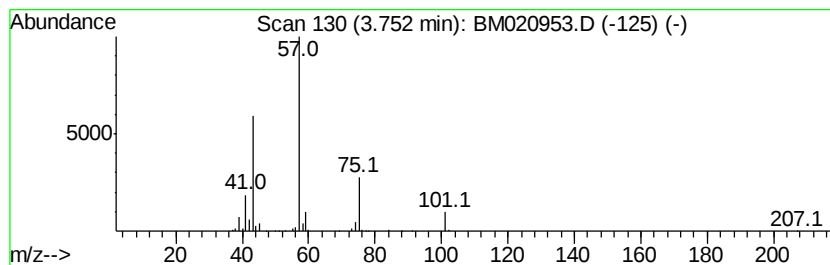
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Quant Title : SVOA CALIBRATION

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	7.38 ng/ul	558199	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	74
3		Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	64
4		Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	53
5		Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	50



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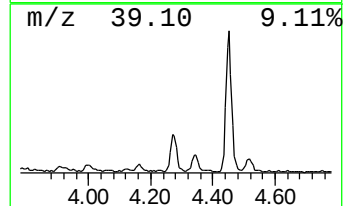
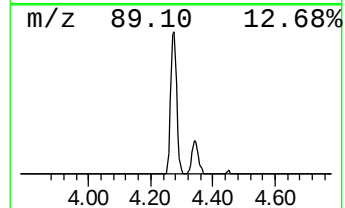
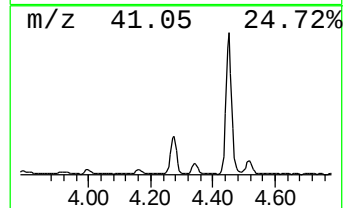
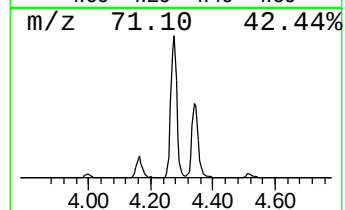
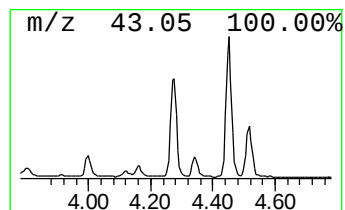
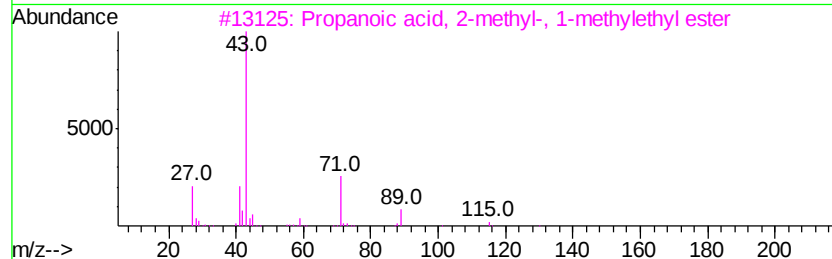
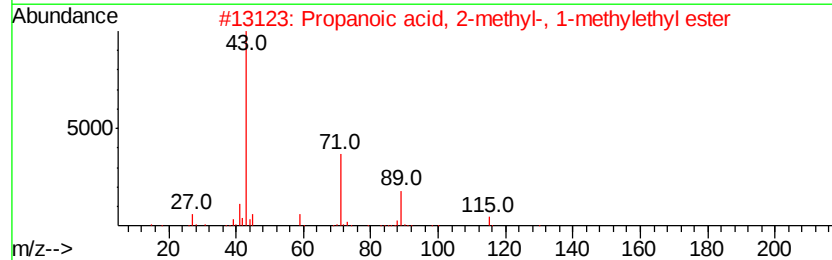
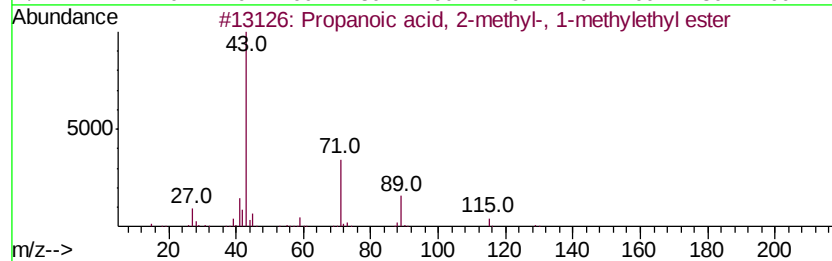
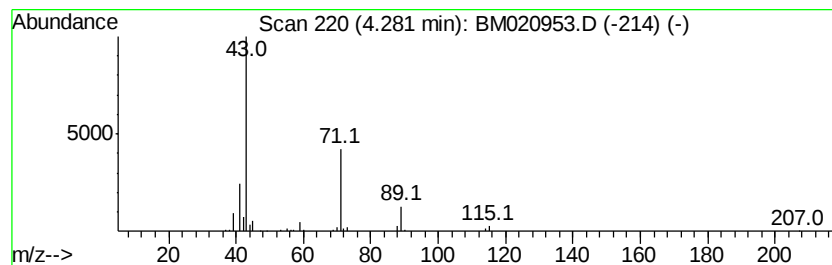
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TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.28	4.70 ng/ul	355357	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		Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	74
3		Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	59
4		Propanoic acid, 2-methyl-, propy...	130	C7H14O2	000644-49-5	59
5		Propanoic acid, 2-methyl-, penty...	158	C9H18O2	002445-72-9	56



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Data File : BM020953.D
Acq On : 14 Jun 2019 21:11
Operator : HP/JU
Sample : K3353-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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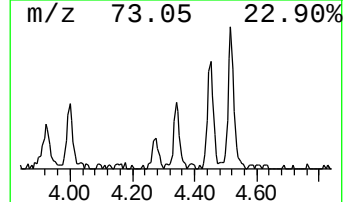
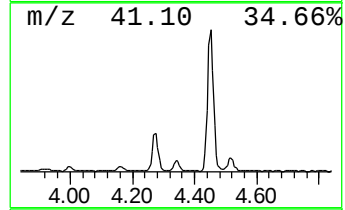
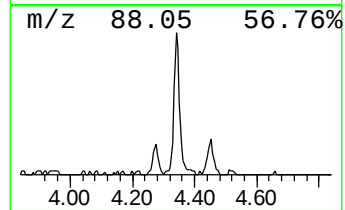
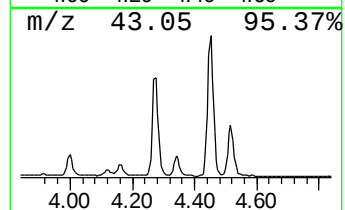
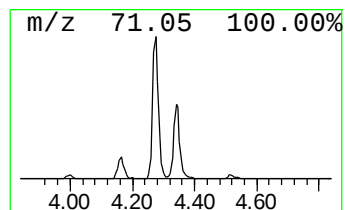
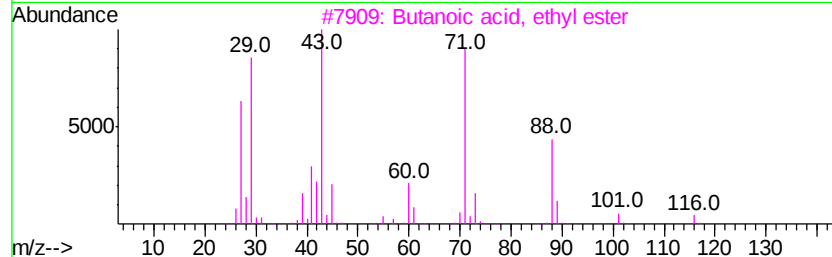
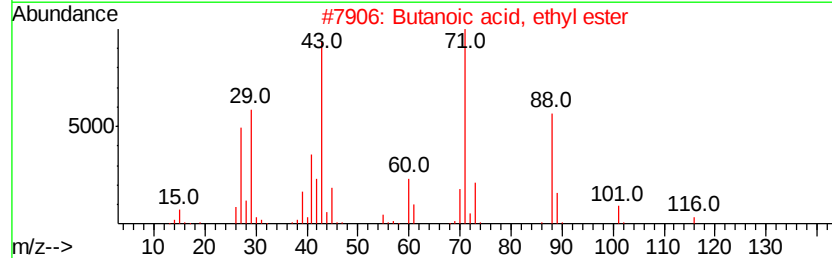
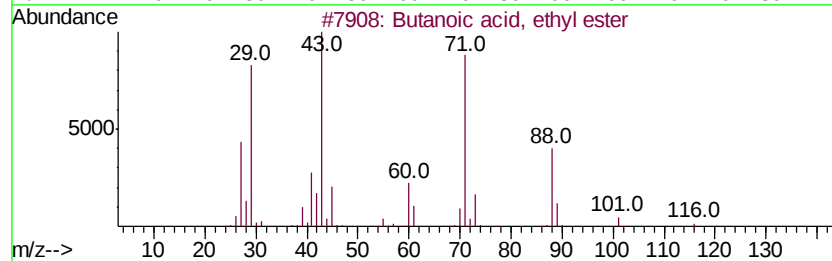
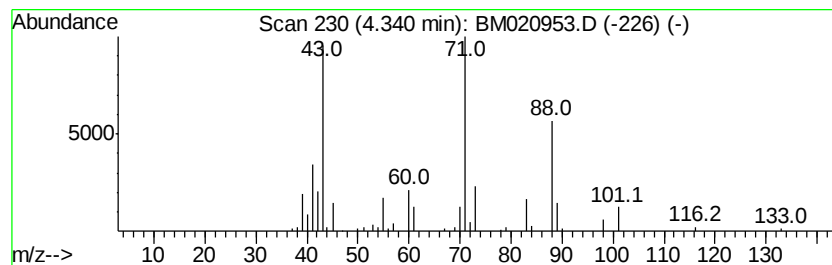
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Butanoic acid, ethyl ester Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.34	2.54 ng/ul	192201	1,4-Dichlorobenzene-d4	7.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butanoic acid, ethyl ester	116	C6H12O2	000105-54-4	93
2		Butanoic acid, ethyl ester	116	C6H12O2	000105-54-4	91
3		Butanoic acid, ethyl ester	116	C6H12O2	000105-54-4	78
4		Butanoic acid, ethyl ester	116	C6H12O2	000105-54-4	72
5		3-Mercaptohexyl butanoate	204	C10H20O2S	136954-21-7	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061419\
Data File : BM020953.D
Acq On : 14 Jun 2019 21:11
Operator : HP/JU
Sample : K3353-09
Misc :
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Instrument :
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ClientSampleId :
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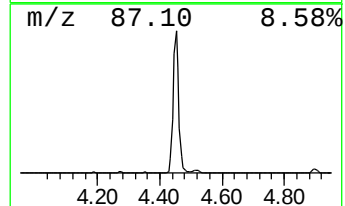
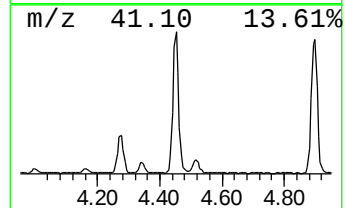
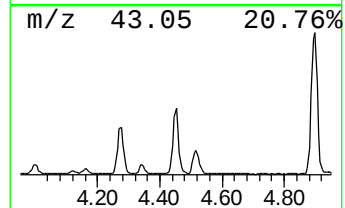
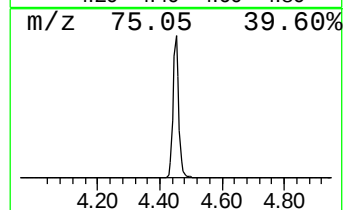
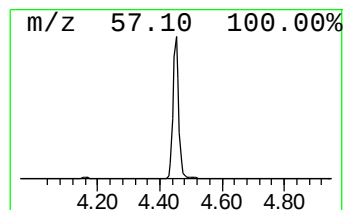
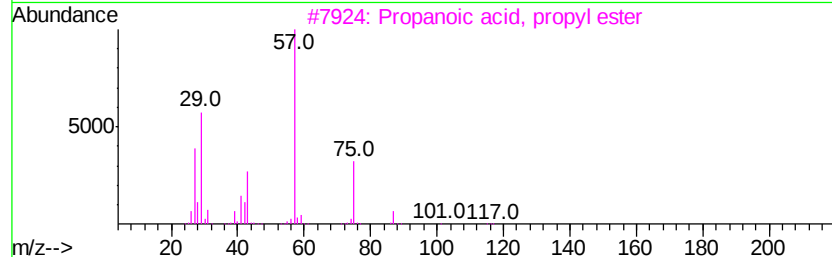
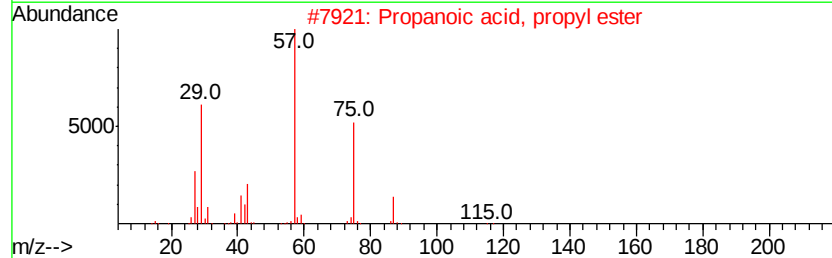
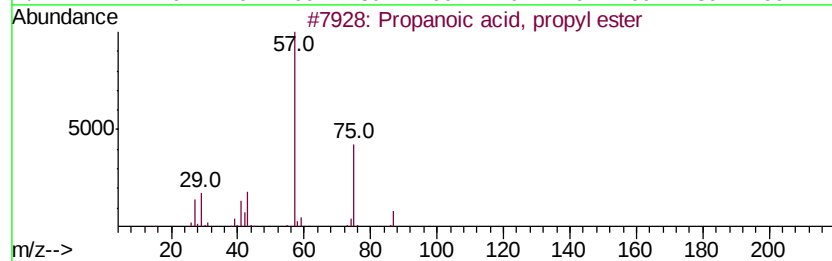
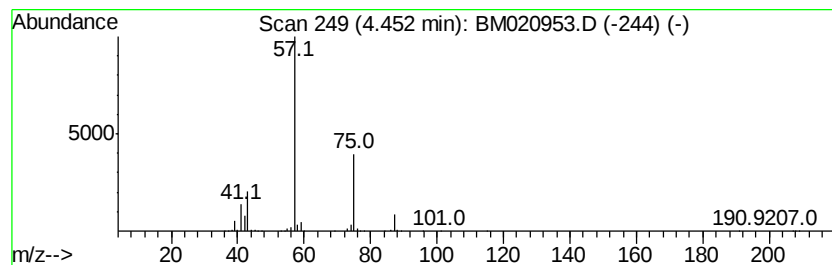
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Propanoic acid, propyl ester Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.45	30.59 ng/ul	2313050	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	83	
4	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	83	
5	Propanoic acid, butyl ester	130	C7H14O2	000590-01-2	39	



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061419\
Data File : BM020953.D
Acq On : 14 Jun 2019 21:11
Operator : HP/JU
Sample : K3353-09
Misc :
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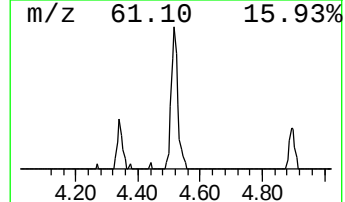
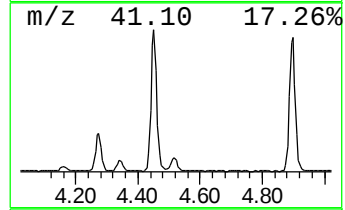
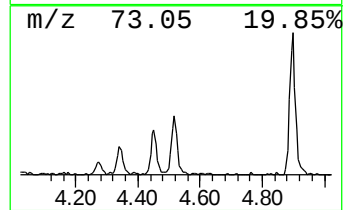
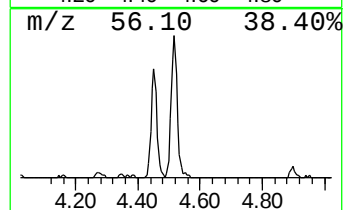
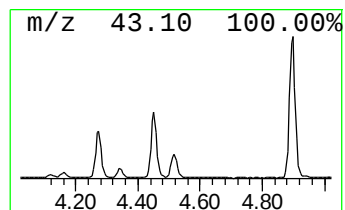
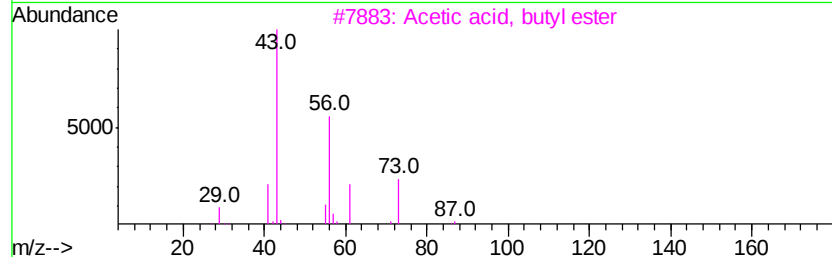
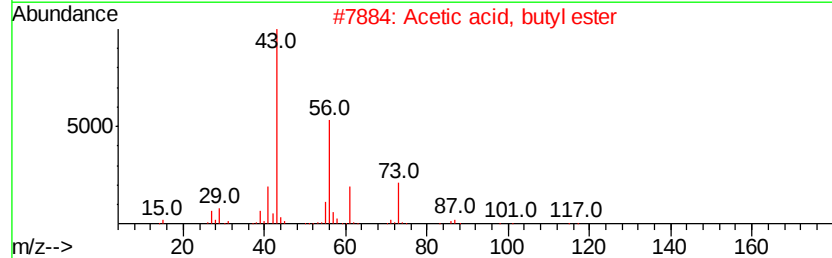
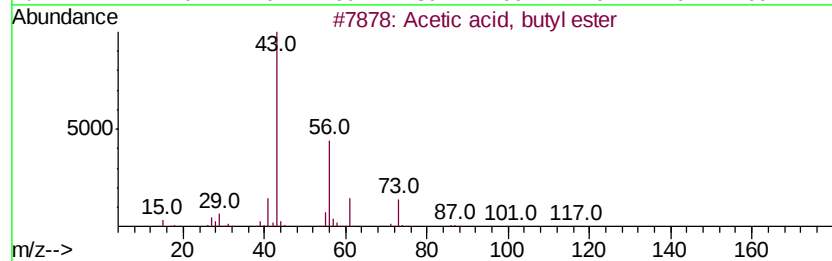
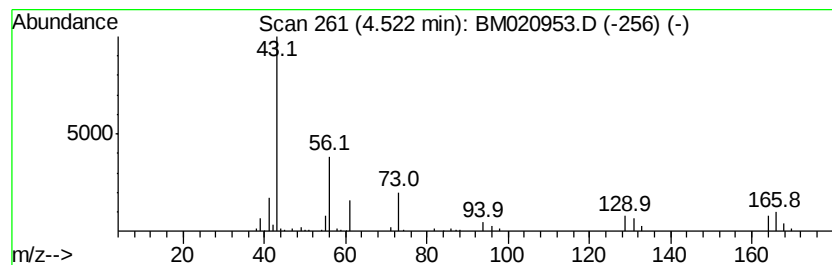
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Acetic acid, butyl ester Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.52	3.90 ng/ul	294836	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	53
2	Acetic acid, butyl ester			116	C6H12O2	000123-86-4	50
3	Acetic acid, butyl ester			116	C6H12O2	000123-86-4	42
4	Acetic acid, butyl ester			116	C6H12O2	000123-86-4	42
5	Acetic acid, butyl ester			116	C6H12O2	000123-86-4	37



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061419\
Data File : BM020953.D
Acq On : 14 Jun 2019 21:11
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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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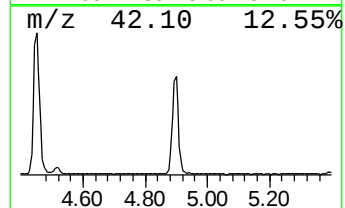
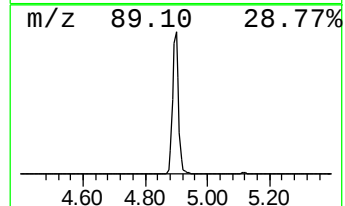
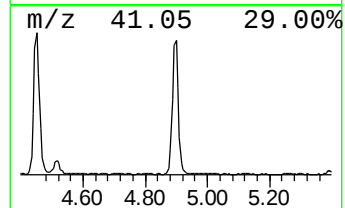
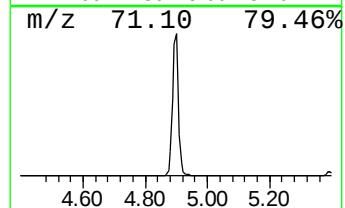
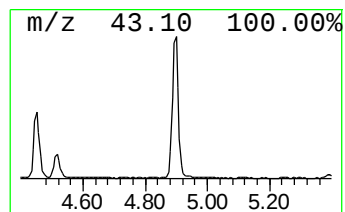
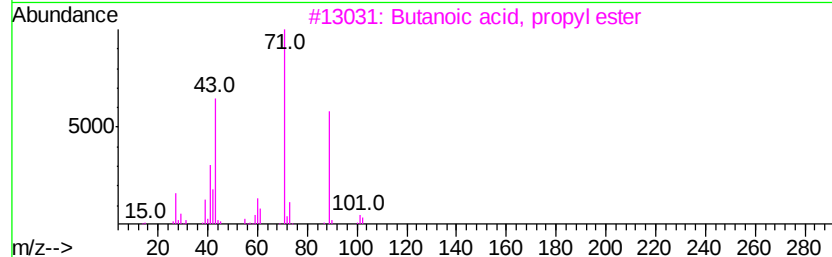
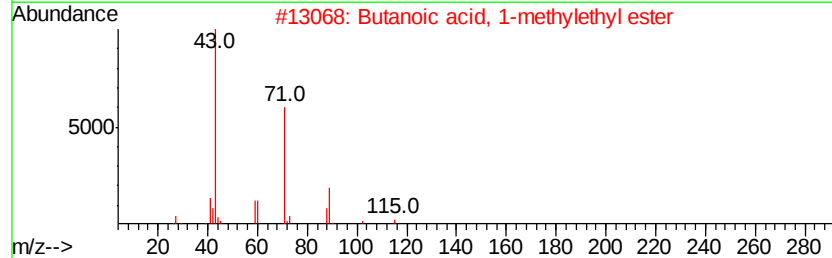
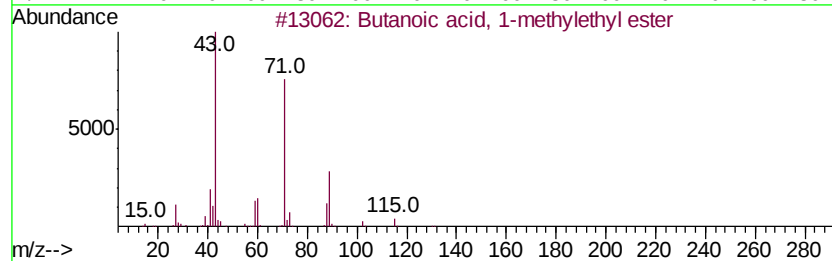
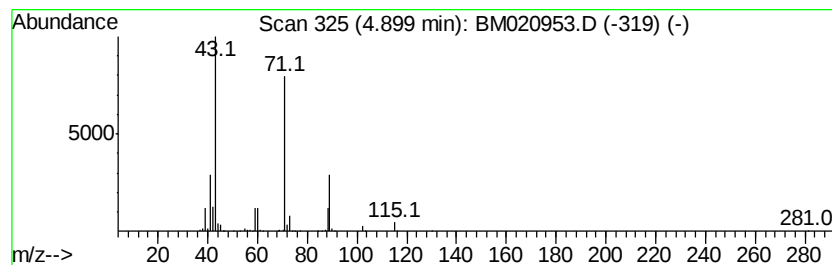
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Butanoic acid, 1-methylethy... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.90	21.72 ng/ul	1642260	1,4-Dichlorobenzene-d4	7.80

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	94	
2	Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	90	
3	Butanoic acid, propyl ester	130	C7H14O2	000105-66-8	64	
4	Propanoic acid, 2-methyl-, propyl...	130	C7H14O2	000644-49-5	56	
5	Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	53	



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061419\
Data File : BM020953.D
Acq On : 14 Jun 2019 21:11
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Sample : K3353-09
Misc :
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Instrument :
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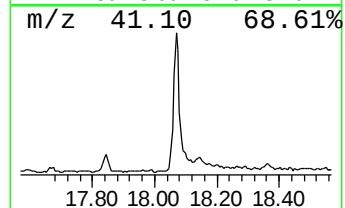
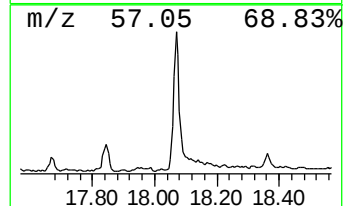
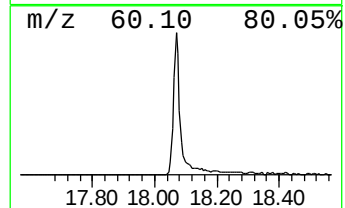
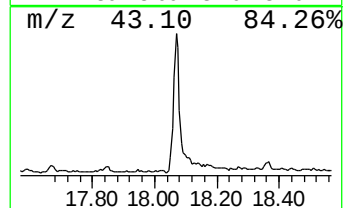
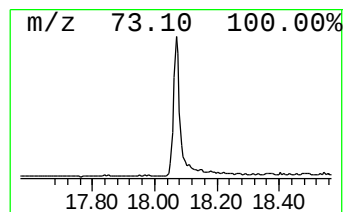
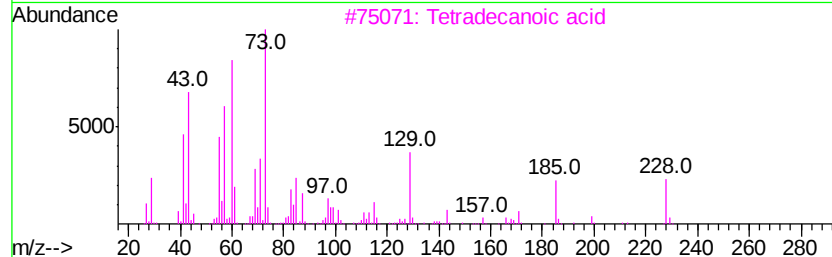
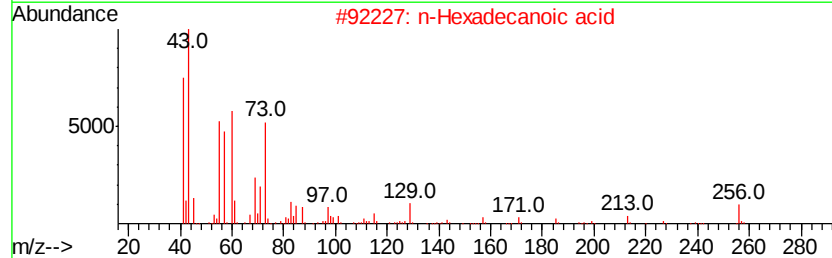
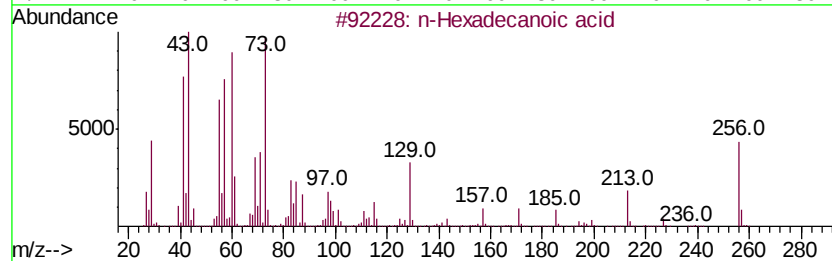
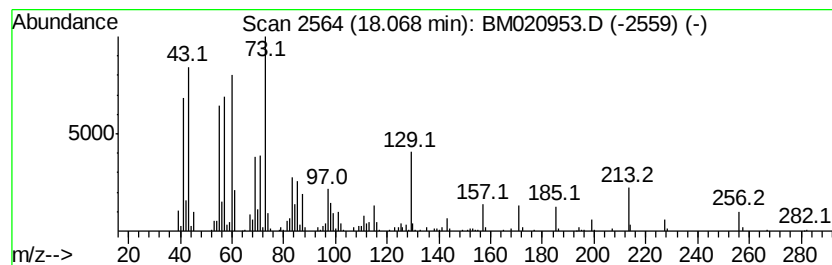
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.07	3.25 ng/ul	733910	Phenanthrene-d10	17.18

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	97	
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	94	
4	Tridecanoic acid	214	C13H26O2	000638-53-9	91	
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86	



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061419\
Data File : BM020953.D
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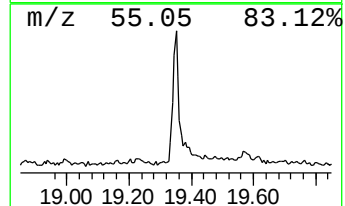
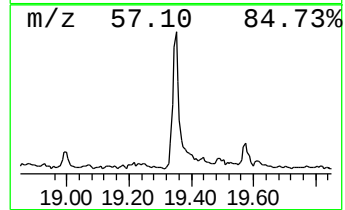
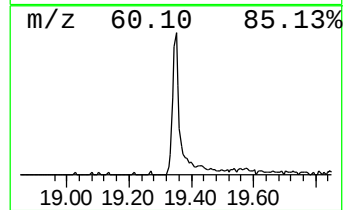
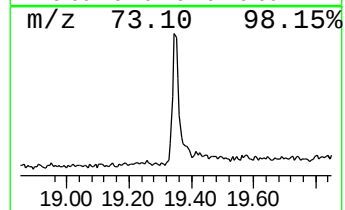
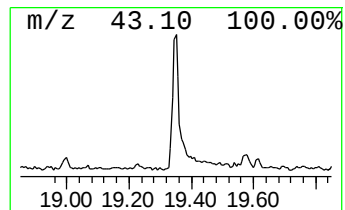
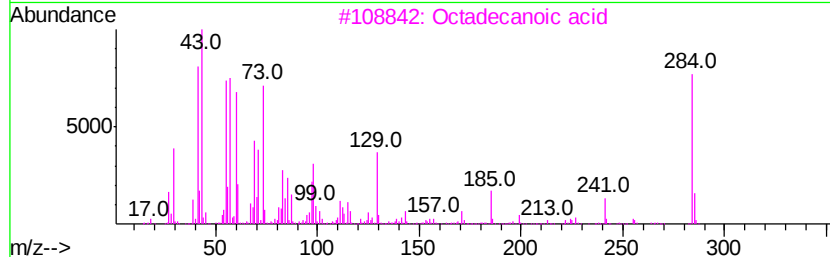
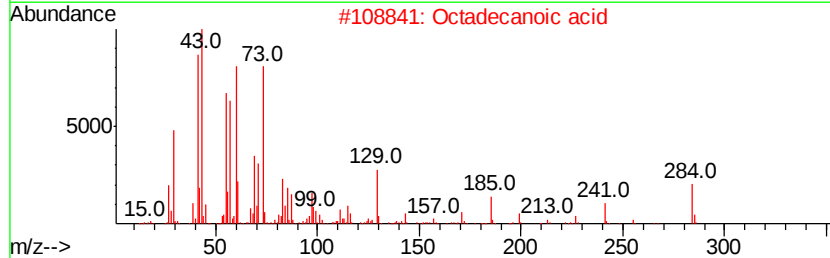
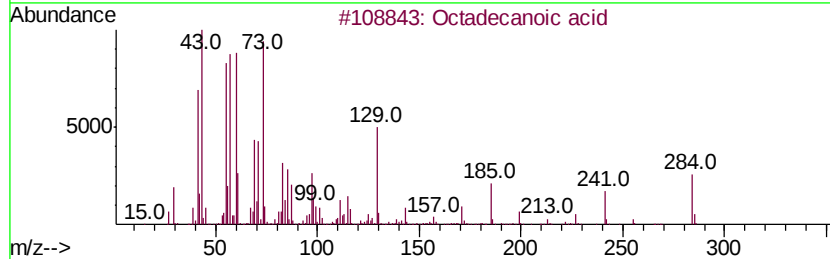
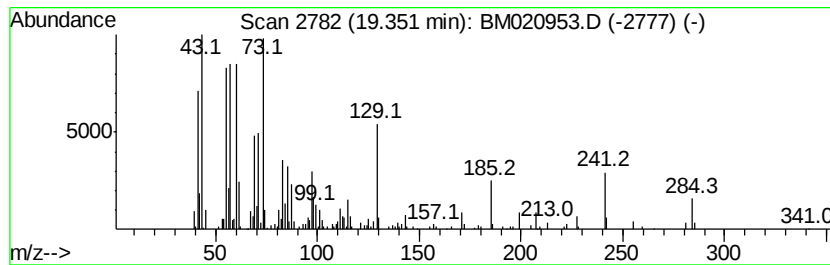
Instrument :
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 Octadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.35	2.08 ng/ul	467848	Chrysene-d12	21.36
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Octadecanoic acid	284 C18H36O2	000057-11-4	99
2	Octadecanoic acid	284 C18H36O2	000057-11-4	98
3	Octadecanoic acid	284 C18H36O2	000057-11-4	95
4	Octadecanoic acid	284 C18H36O2	000057-11-4	94
5	Octadecanoic acid, 2-(2-hydroxy...	372 C22H44O4	000106-11-6	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM061419\
Data File : BM020953.D
Acq On : 14 Jun 2019 21:11
Operator : HP/JU
Sample : K3353-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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Propanoic acid, 1...	3.75	7.4	ng/ul	558199	1	7.80	1512260	20.0
Propanoic acid, 2...	4.28	4.7	ng/ul	355357	1	7.80	1512260	20.0
Butanoic acid, et...	4.34	2.5	ng/ul	192201	1	7.80	1512260	20.0
Propanoic acid, p...	4.45	30.6	ng/ul	2313050	1	7.80	1512260	20.0
Acetic acid, buty...	4.52	3.9	ng/ul	294836	1	7.80	1512260	20.0
Butanoic acid, 1-...	4.90	21.7	ng/ul	1642260	1	7.80	1512260	20.0
n-Hexadecanoic acid	18.07	3.3	ng/ul	733910	4	17.18	4517220	20.0
Octadecanoic acid	19.35	2.1	ng/ul	467848	5	21.36	4503600	20.0