

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040120\
 Data File : BN010399.D
 Acq On : 02 Apr 2020 19:08
 Operator : CG/JU
 Sample : L2095-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBF17

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_N\METHODS\SOM-EPA-BN040120MA.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	2.817	3	5	13	rVB	134255	174811	0.97%	0.107%
2	2.887	13	17	20	rVV	138213	206642	1.15%	0.127%
3	2.917	20	22	27	rVV2	136672	200889	1.12%	0.123%
4	2.970	27	31	38	rVV	552988	800473	4.46%	0.492%
5	3.028	38	41	46	rVB3	56849	86104	0.48%	0.053%
6	3.111	52	55	58	rBV	44907	53772	0.30%	0.033%
7	3.246	69	78	92	rBV	3020085	4206415	23.43%	2.584%
8	3.340	92	94	103	rVB7	32406	56414	0.31%	0.035%
9	3.587	132	136	143	rVV2	106753	169400	0.94%	0.104%
10	3.652	143	147	163	rVB	357607	540801	3.01%	0.332%
11	3.893	183	188	203	rVB2	117301	210522	1.17%	0.129%
12	4.046	207	214	222	rBV	63411	106277	0.59%	0.065%
13	4.170	229	235	241	rBV	786960	1155341	6.43%	0.710%
14	4.228	241	245	247	rVV	134012	184560	1.03%	0.113%
15	4.258	247	250	258	rVV	202310	317188	1.77%	0.195%
16	4.334	258	263	271	rVV	1162621	1664888	9.27%	1.023%
17	4.399	271	274	284	rVB2	66082	106190	0.59%	0.065%
18	4.775	329	338	348	rBV	1622208	2328922	12.97%	1.431%
19	5.175	399	406	413	rBV8	21488	48759	0.27%	0.030%
20	5.258	415	420	426	rVB	57628	91133	0.51%	0.056%
21	5.611	475	480	487	rBV	265105	381263	2.12%	0.234%
22	6.587	640	646	653	rBV3	34334	62870	0.35%	0.039%
23	6.652	653	657	665	rVV2	63837	105000	0.58%	0.064%
24	6.793	676	681	688	rVV	482302	759885	4.23%	0.467%
25	6.858	688	692	698	rVB	43008	64044	0.36%	0.039%
26	6.952	698	708	718	rBV	1407150	2196175	12.23%	1.349%
27	7.152	734	742	749	rBV	1724995	2796588	15.57%	1.718%
28	7.611	812	820	828	rBV	1640861	2569777	14.31%	1.579%
29	7.687	828	833	842	rVB3	34433	61633	0.34%	0.038%
30	8.310	932	939	952	rBV	1453943	2310574	12.87%	1.419%
31	8.416	952	957	963	rVB	56234	103628	0.58%	0.064%
32	8.746	1006	1013	1024	rVB	1768327	2817002	15.69%	1.730%
33	8.928	1040	1044	1051	rVV6	39006	68024	0.38%	0.042%
34	9.228	1088	1095	1099	rBV9	27636	60361	0.34%	0.037%

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35	9.457	1128	1134	1145	rBV	1413047	2359733	13.14%	1.450%
36	9.728	1174	1180	1183	rBV3	52827	87664	0.49%	0.054%
37	9.993	1217	1225	1237	rBV	2666052	4408845	24.55%	2.708%
38	10.369	1281	1289	1294	rBV	2345676	3747081	20.87%	2.302%
39	10.416	1294	1297	1304	rVB	188531	310996	1.73%	0.191%
40	10.499	1304	1311	1325	rBV	1651875	2917214	16.25%	1.792%
41	11.034	1397	1402	1409	rVB5	52522	91361	0.51%	0.056%
42	11.187	1423	1428	1438	rBV2	88436	186410	1.04%	0.115%
43	11.322	1444	1451	1456	rBV2	59739	90182	0.50%	0.055%
44	11.904	1538	1550	1556	rBV	661915	1056752	5.89%	0.649%
45	11.957	1556	1559	1564	rVV	51378	87015	0.48%	0.053%
46	12.034	1567	1572	1578	rVB	138473	216984	1.21%	0.133%
47	12.257	1605	1610	1617	rVB	74301	120666	0.67%	0.074%
48	12.481	1642	1648	1653	rBV7	32162	54680	0.30%	0.034%
49	12.687	1677	1683	1691	rBV2	73460	132881	0.74%	0.082%
50	12.881	1712	1716	1722	rVB	54980	78552	0.44%	0.048%
51	13.063	1741	1747	1753	rVV2	72817	129004	0.72%	0.079%
52	13.146	1756	1761	1767	rVB3	47282	83186	0.46%	0.051%
53	13.551	1821	1830	1835	rBV5	36809	73219	0.41%	0.045%
54	13.651	1841	1847	1852	rVV	5189783	7043673	39.23%	4.327%
55	13.698	1852	1855	1863	rVV	195025	276175	1.54%	0.170%
56	13.793	1866	1871	1875	rBV7	43615	64758	0.36%	0.040%
57	13.922	1885	1893	1904	rBV	5857567	8424609	46.92%	5.175%
58	14.028	1907	1911	1918	rVB10	22856	47951	0.27%	0.029%
59	14.234	1939	1946	1952	rBV	4064557	5819189	32.41%	3.575%
60	14.298	1952	1957	1965	rVB	616401	902268	5.02%	0.554%
61	14.434	1974	1980	1985	rBV	415014	667658	3.72%	0.410%
62	14.469	1985	1986	1991	rVB2	92836	97207	0.54%	0.060%
63	14.634	2009	2014	2020	rVB	335493	457991	2.55%	0.281%
64	14.687	2020	2023	2027	rBV3	37706	46715	0.26%	0.029%
65	14.893	2050	2058	2066	rBV5	34089	84052	0.47%	0.052%
66	15.069	2084	2088	2093	rVB4	46101	64210	0.36%	0.039%
67	15.234	2109	2116	2121	rBV	7813480	10977538	61.14%	6.743%
68	15.287	2121	2125	2130	rVV	496781	676200	3.77%	0.415%
69	15.345	2130	2135	2144	rVV	699725	1069978	5.96%	0.657%
70	15.416	2144	2147	2149	rVV4	39725	60186	0.34%	0.037%
71	15.469	2149	2156	2164	rVV4	100797	260145	1.45%	0.160%

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72	15.587	2171	2176	2180	rBV	48664	68379	0.38%	0.042%
73	15.734	2196	2201	2208	rVB2	60730	119459	0.67%	0.073%
74	16.087	2256	2261	2267	rVB3	34181	49963	0.28%	0.031%
75	16.292	2290	2296	2301	rVB4	31964	59377	0.33%	0.036%
76	16.792	2378	2381	2389	rVB	112888	176604	0.98%	0.108%
77	16.981	2406	2413	2417	rBV	5616431	7734740	43.08%	4.751%
78	17.022	2417	2420	2424	rVV	1595221	2061723	11.48%	1.266%
79	17.081	2424	2430	2437	rVV	8687486	12677491	70.60%	7.787%
80	17.139	2437	2440	2450	rVV	249065	409832	2.28%	0.252%
81	17.222	2450	2454	2461	rVV3	77540	164428	0.92%	0.101%
82	17.381	2473	2481	2487	rVB4	65764	128171	0.71%	0.079%
83	17.669	2523	2530	2536	rBV9	60279	91212	0.51%	0.056%
84	17.857	2553	2562	2565	rBV2	49408	77530	0.43%	0.048%
85	17.898	2565	2569	2576	rVV2	154003	244555	1.36%	0.150%
86	18.051	2590	2595	2599	rVV	136873	213458	1.19%	0.131%
87	18.357	2642	2647	2652	rBV6	30942	55353	0.31%	0.034%
88	19.010	2754	2758	2760	rBV	106720	148564	0.83%	0.091%
89	19.045	2760	2764	2770	rVB	316182	431359	2.40%	0.265%
90	19.133	2775	2779	2782	rVB3	58130	76758	0.43%	0.047%
91	19.192	2785	2789	2791	rBV4	87063	107704	0.60%	0.066%
92	19.233	2791	2796	2800	rBV	931479	1225936	6.83%	0.753%
93	19.381	2815	2821	2834	rVB	11930467	16191178	90.17%	9.946%
94	21.180	3122	3127	3134	rVB	8050807	9995013	55.67%	6.140%
95	21.375	3157	3160	3164	rBV5	105214	118813	0.66%	0.073%
96	21.804	3230	3233	3237	rVB2	140729	156890	0.87%	0.096%
97	22.251	3307	3309	3314	rVB2	242353	270789	1.51%	0.166%
98	22.745	3389	3393	3398	rBV3	490677	718282	4.00%	0.441%
99	23.221	3467	3474	3481	rBV	9912281	17955634	100.00%	11.030%
100	23.357	3490	3497	3506	rVB	6122456	10724476	59.73%	6.588%

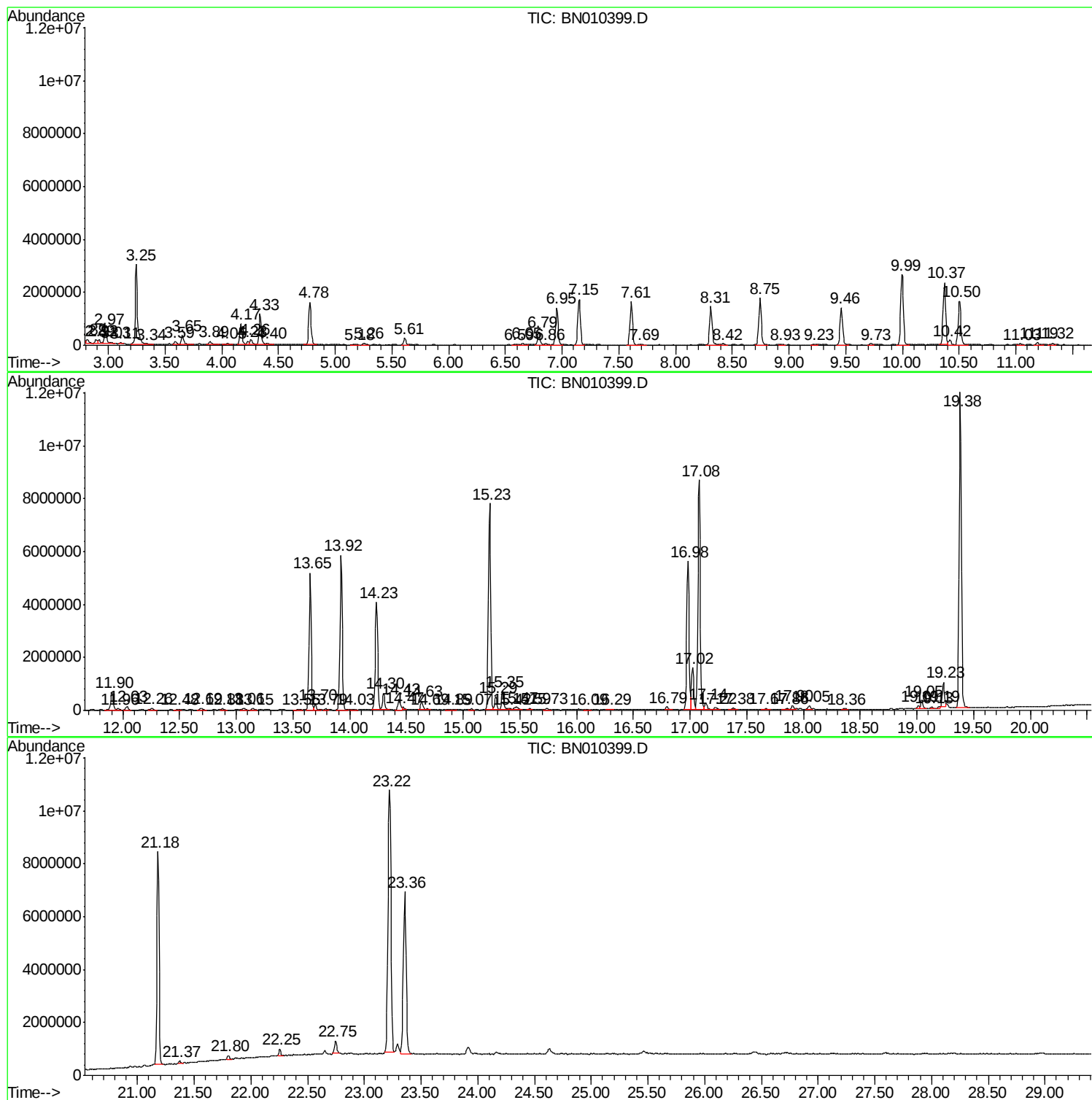
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040120MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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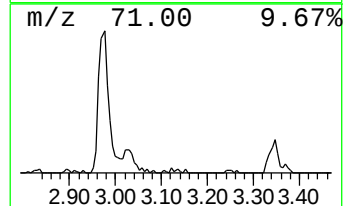
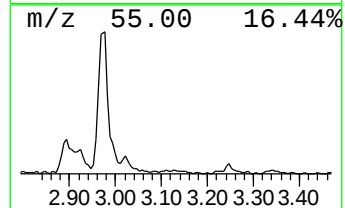
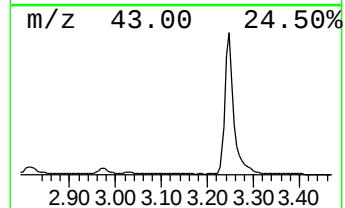
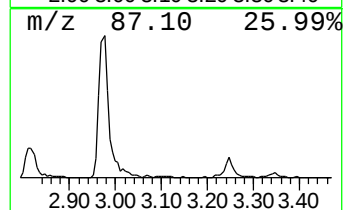
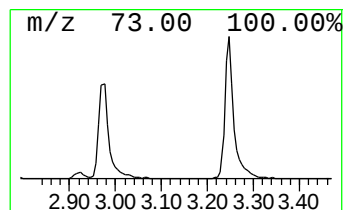
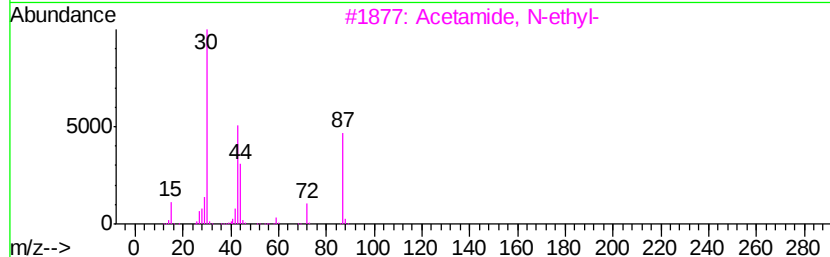
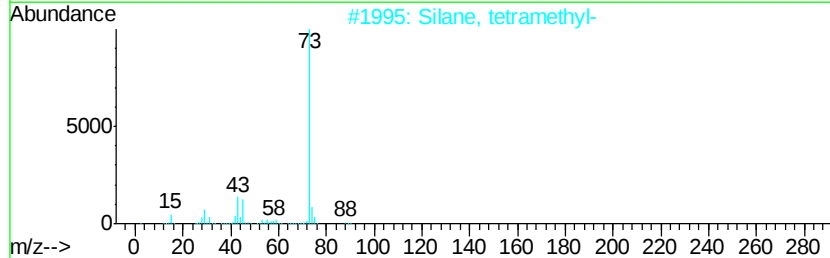
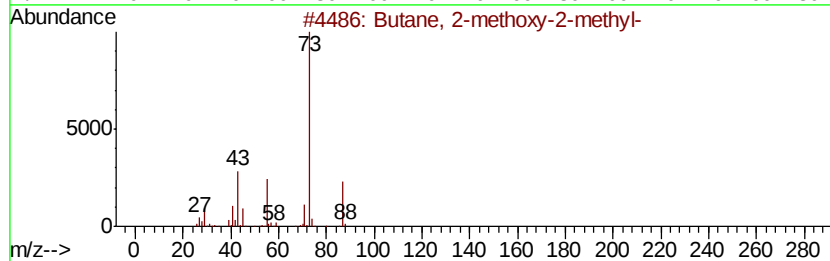
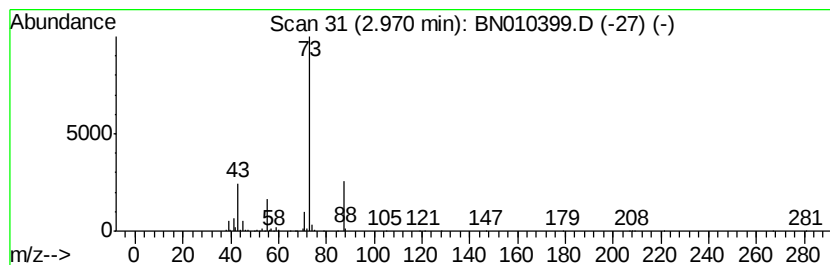
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040120MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.97	6.23 ng/ul	800473	1,4-Dichlorobenzene-d4	7.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	40
2		Silane, tetramethyl-	88	C4H12Si	000075-76-3	16
3		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
4		Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
5		N-Ethylformamide	73	C3H7NO	000627-45-2	9



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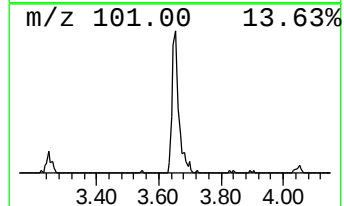
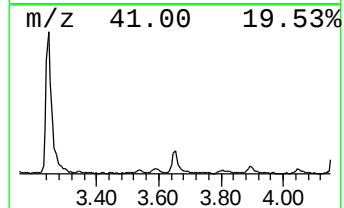
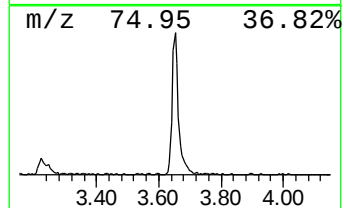
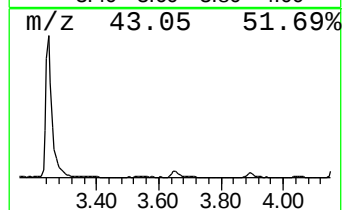
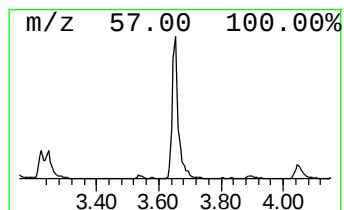
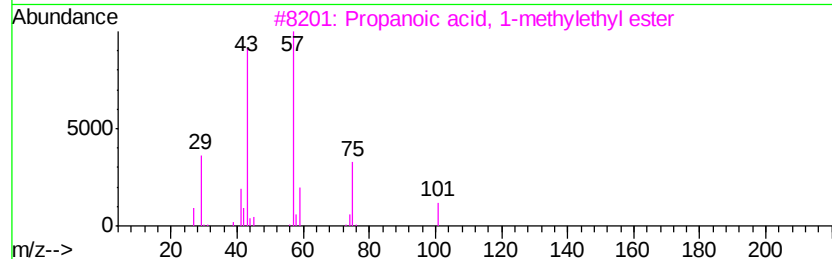
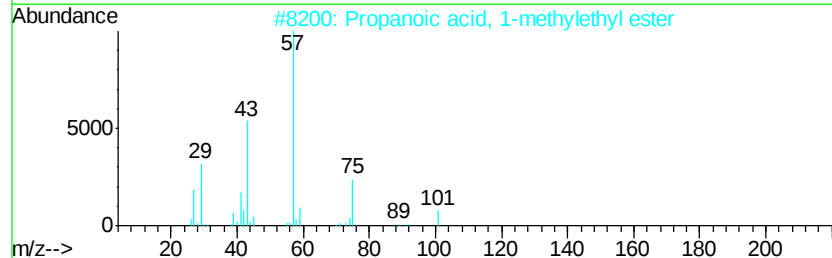
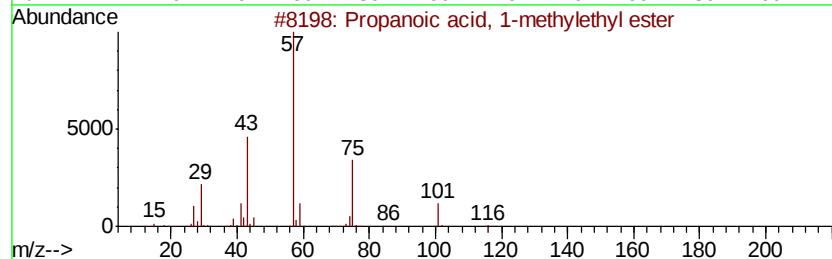
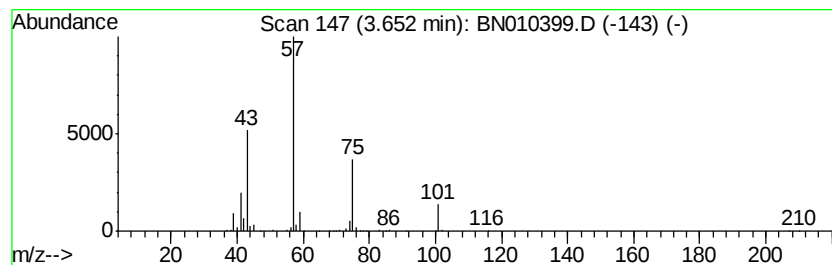
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Propanoic acid, 1-methyleth... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.65	4.21 ng/ul	540801	1,4-Dichlorobenzene-d4	7.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	72
2		Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	56
3		Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	50
4		Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	47
5		Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	33



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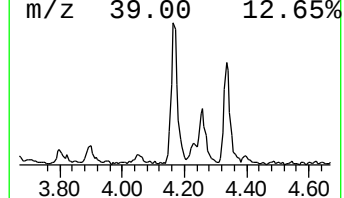
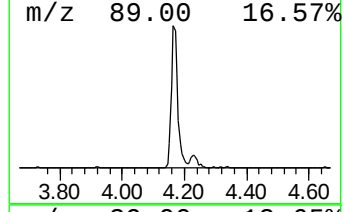
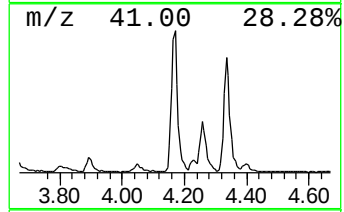
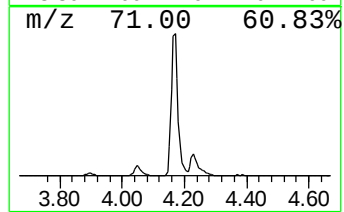
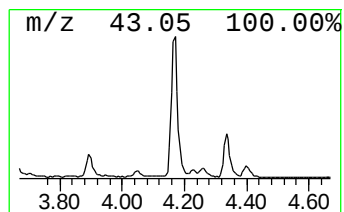
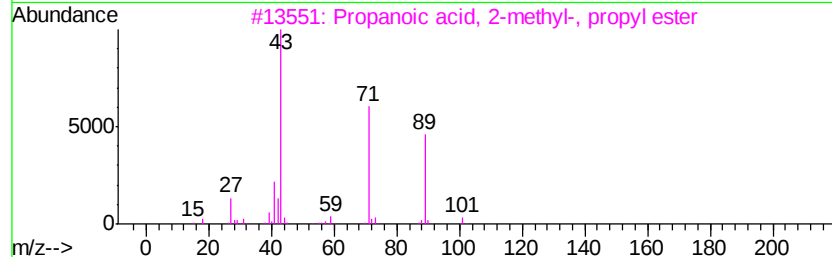
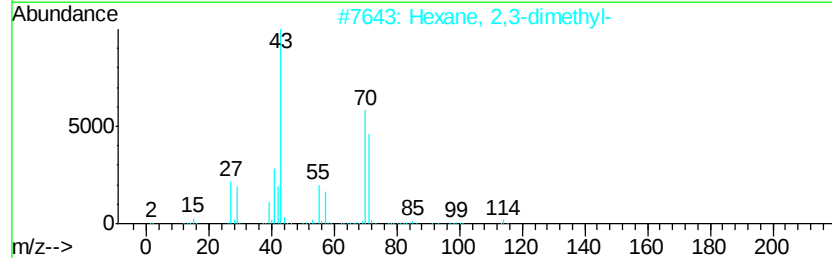
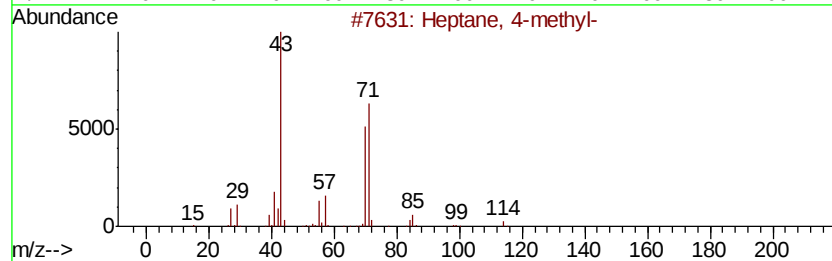
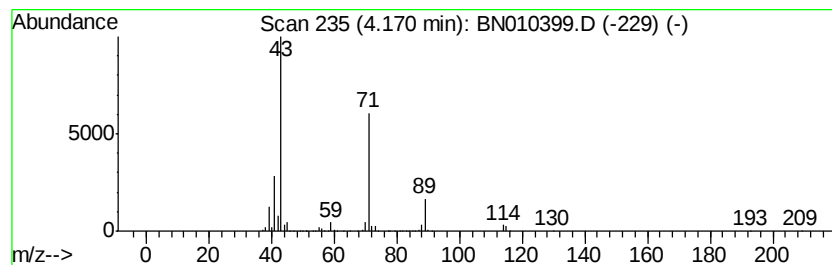
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.17	8.99 ng/ul	1155340	1,4-Dichlorobenzene-d4	7.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 4-methyl-	114	C8H18	000589-53-7	50
2		Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	50
3		Propanoic acid, 2-methyl-, propyl...	130	C7H14O2	000644-49-5	50
4		Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	47
5		Vinyl butyrate	114	C6H10O2	000123-20-6	42



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Operator : CG/JU
Sample : L2095-02
Misc :
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ClientSampleId :
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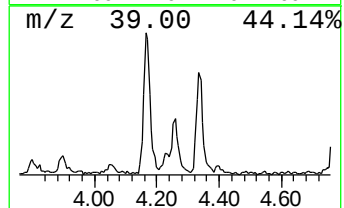
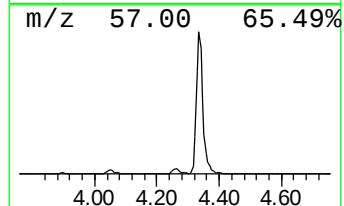
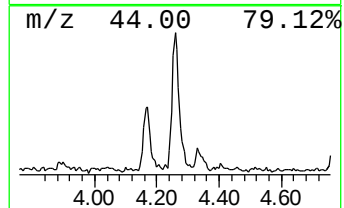
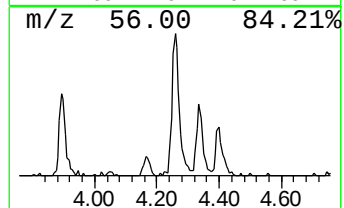
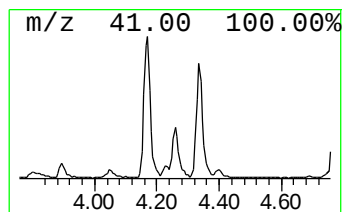
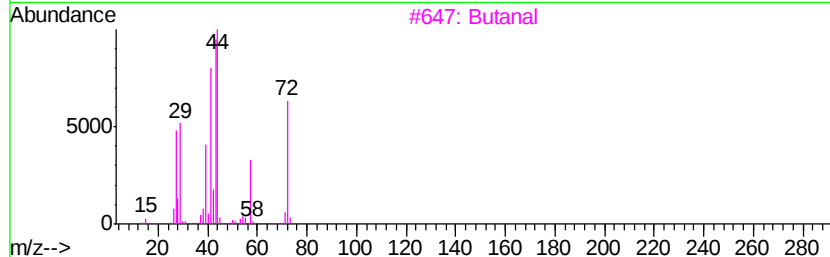
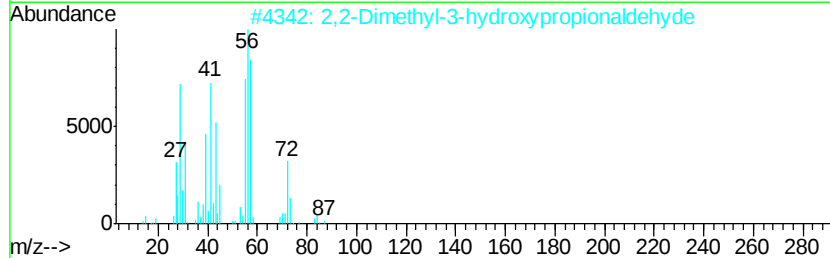
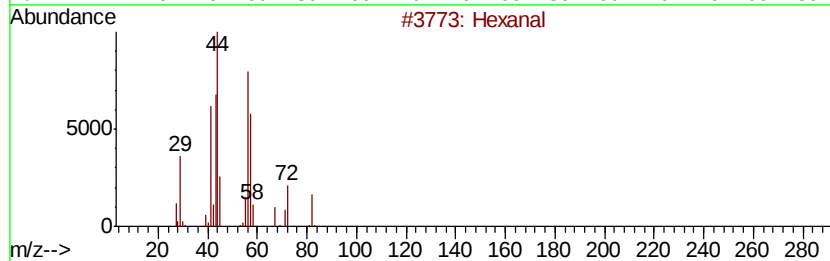
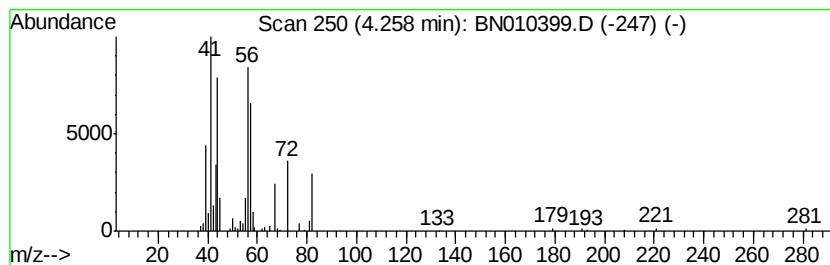
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Hexanal Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.26	2.47 ng/ul	317188	1,4-Dichlorobenzene-d4	7.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexanal	100	C6H12O	000066-25-1	50
2		2,2-Dimethyl-3-hydroxypropionald...	102	C5H10O2	000597-31-9	32
3		Butanal	72	C4H8O	000123-72-8	27
4		Glutaraldehyde	100	C5H8O2	000111-30-8	25
5		Hexanal	100	C6H12O	000066-25-1	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040120\
Data File : BN010399.D
Acq On : 02 Apr 2020 19:08
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ClientSampleId :
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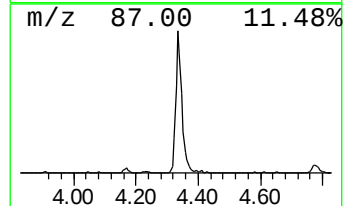
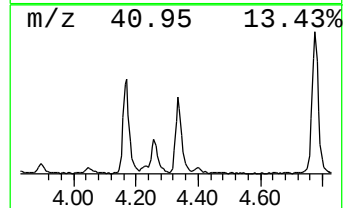
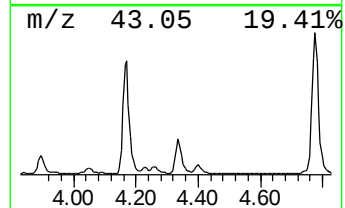
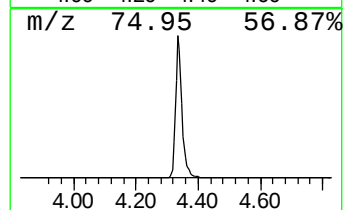
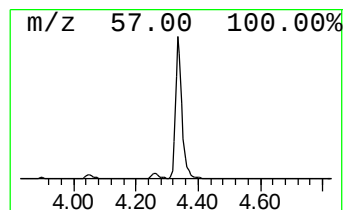
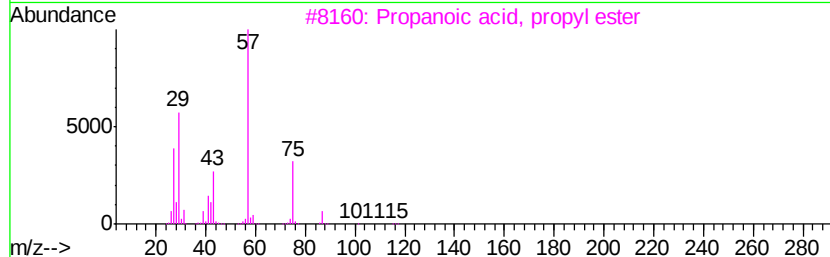
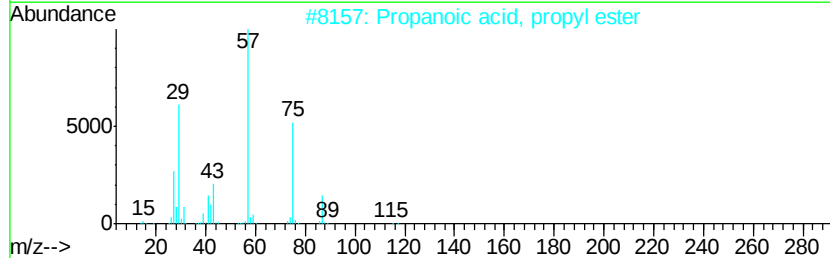
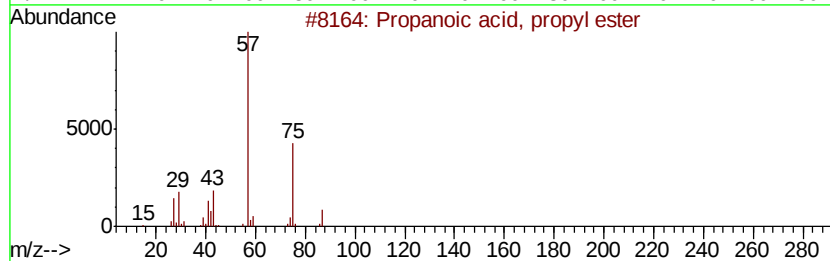
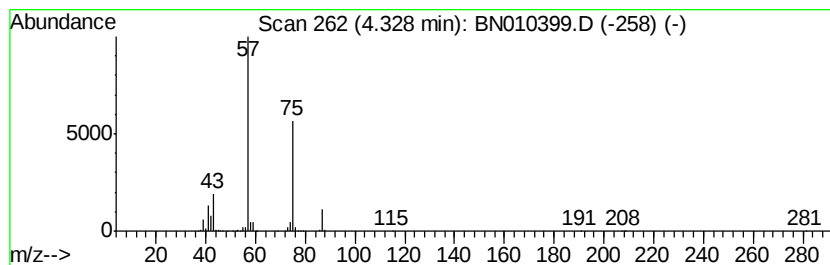
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Propanoic acid, propyl ester Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.33	12.96 ng/ul	1664890	1,4-Dichlorobenzene-d4	7.61

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	74
4	Propanoic acid, propyl ester			116	C6H12O2	000106-36-5	74
5	Propanoic acid, butyl ester			130	C7H14O2	000590-01-2	33



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040120\
Data File : BN010399.D
Acq On : 02 Apr 2020 19:08
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Sample : L2095-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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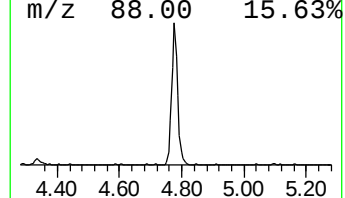
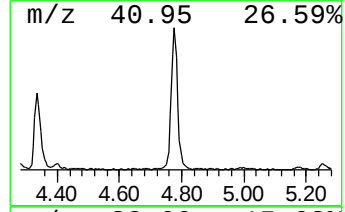
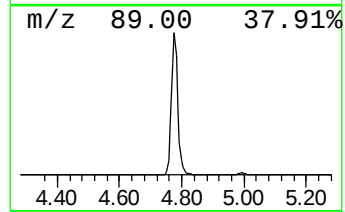
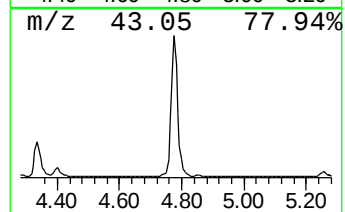
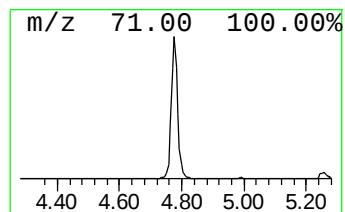
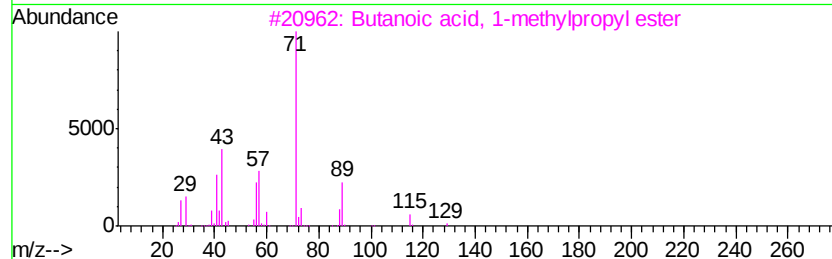
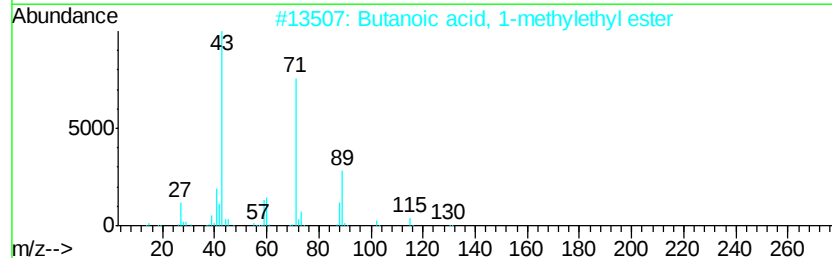
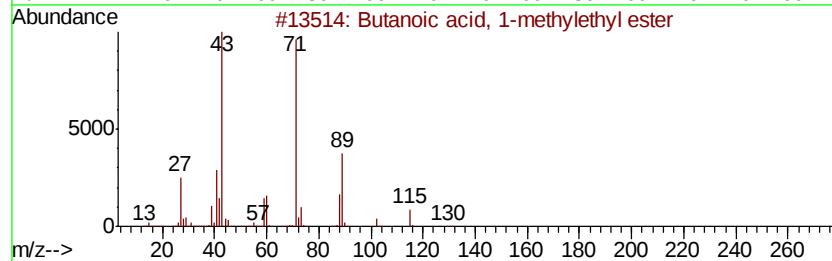
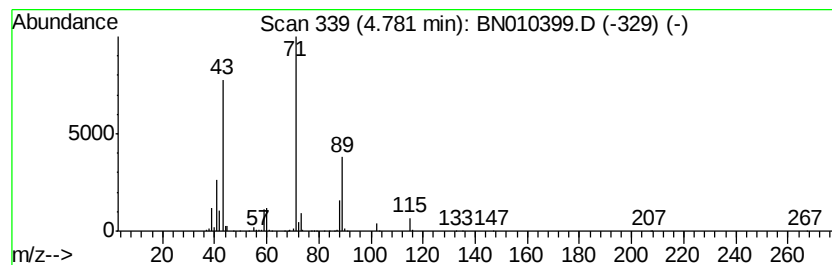
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.78	18.13 ng/ul	2328920	1,4-Dichlorobenzene-d4	7.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	91
2		Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	59
3		Butanoic acid, 1-methylpropyl ester	144	C8H16O2	000819-97-6	56
4		Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	53
5		Butanoic acid, pentyl ester	158	C9H18O2	000540-18-1	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040120\
Data File : BN010399.D
Acq On : 02 Apr 2020 19:08
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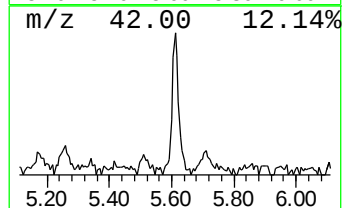
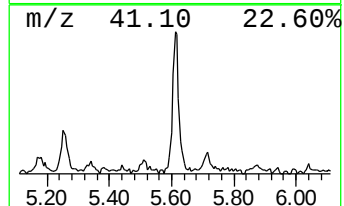
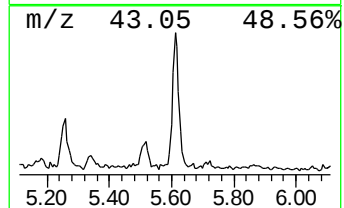
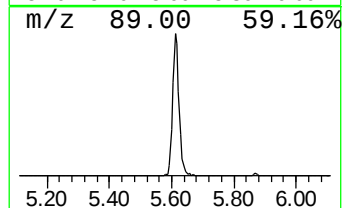
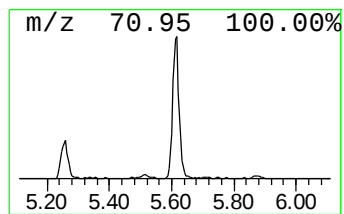
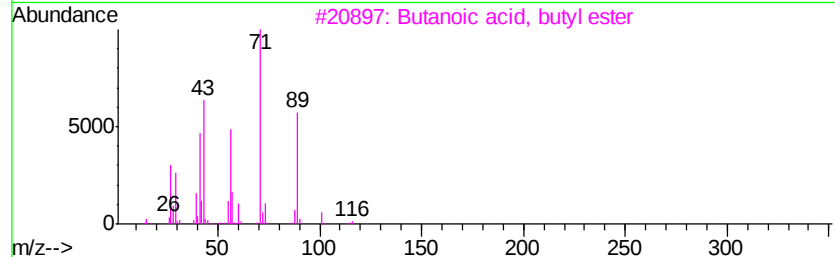
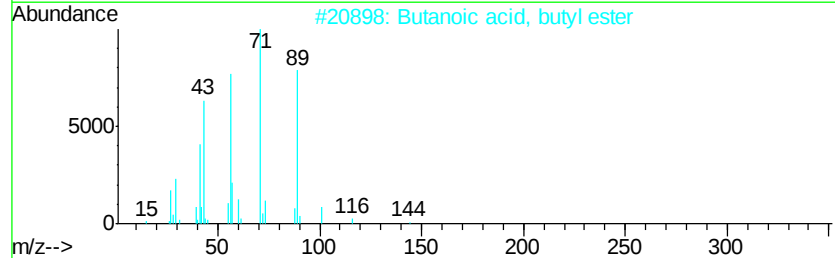
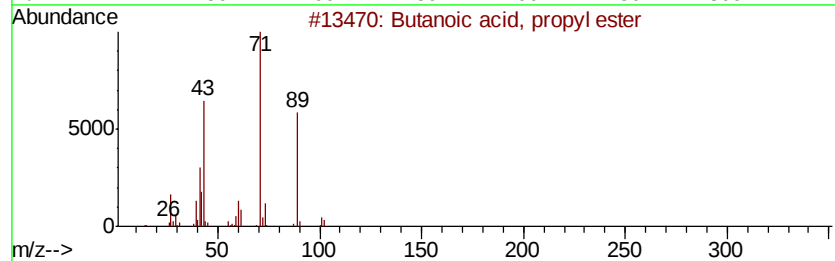
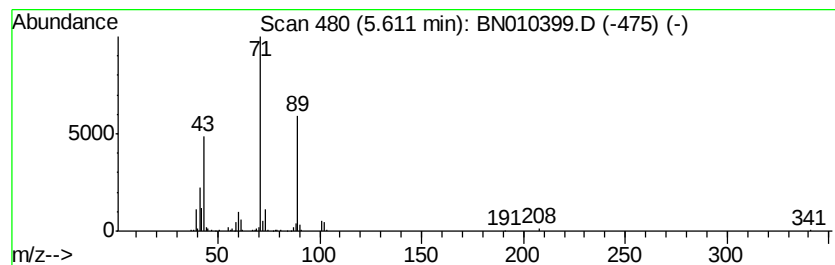
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Butanoic acid, propyl ester Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.61	2.97 ng/ul	381263	1,4-Dichlorobenzene-d4	7.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butanoic acid, propyl ester	130	C7H14O2	000105-66-8	90
2		Butanoic acid, butyl ester	144	C8H16O2	000109-21-7	64
3		Butanoic acid, butyl ester	144	C8H16O2	000109-21-7	64
4		Butanoic acid, octyl ester	200	C12H24O2	000110-39-4	56
5		Butanoic acid, 2-methylpropyl ester	144	C8H16O2	000539-90-2	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040120\
Data File : BN010399.D
Acq On : 02 Apr 2020 19:08
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Misc :
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ClientSampleId :
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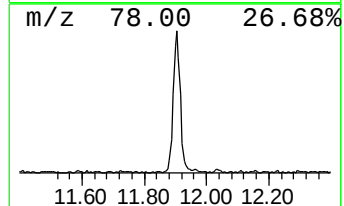
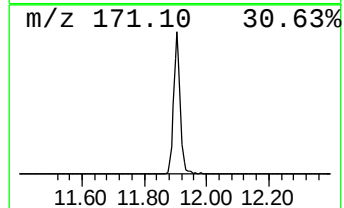
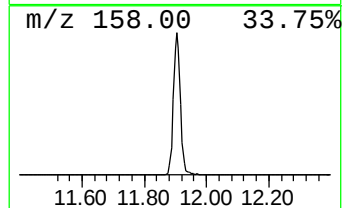
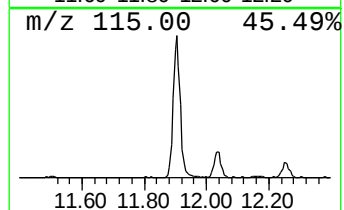
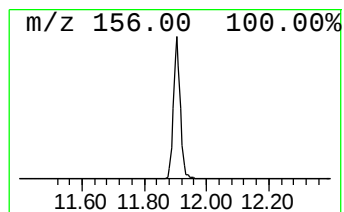
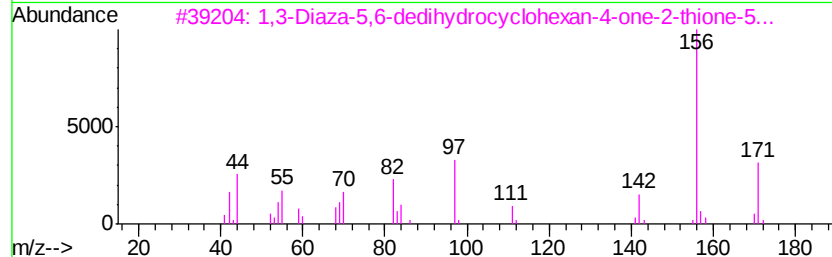
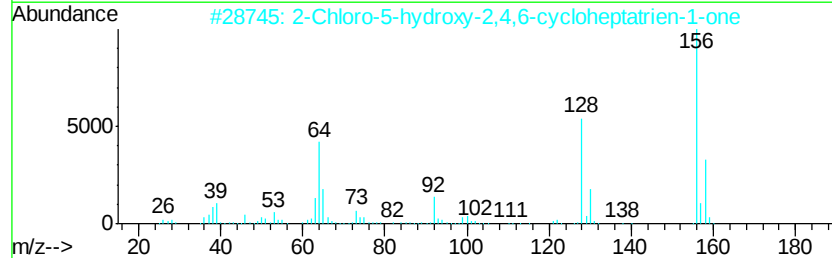
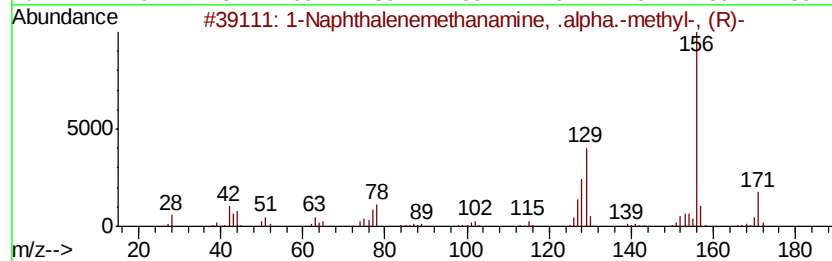
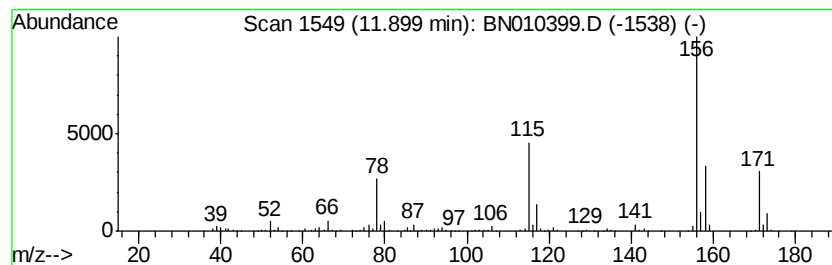
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 unknown-02 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	5.64 ng/ul	1056750	Naphthalene-d8	10.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Naphthalenemethanamine, .alpha...	171	C12H13N	003886-70-2	43
2		2-Chloro-5-hydroxy-2,4,6-cyclohe...	156	C7H5ClO2	007009-16-7	43
3		1,3-Diaza-5,6-dedihydrocyclohexa...	171	C6H9N3OS	021263-85-4	38
4		Benzene, 2,5-cyclohexadien-1-yl-	156	C12H12	004794-05-2	25
5		Benzene, 1-chloro-4-methoxy-2-me...	156	C8H9ClO	013334-71-9	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040120\
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ClientSampleId :
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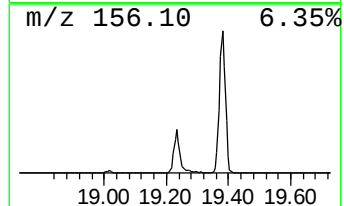
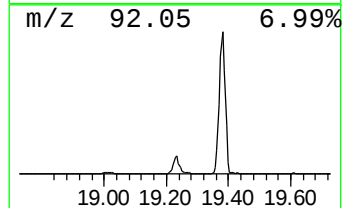
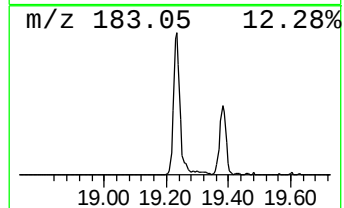
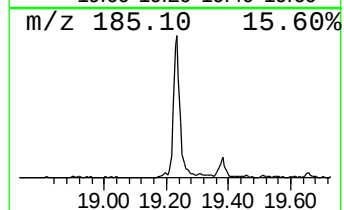
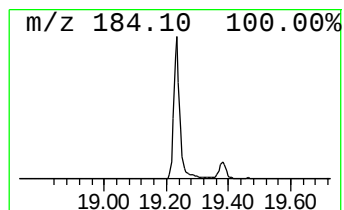
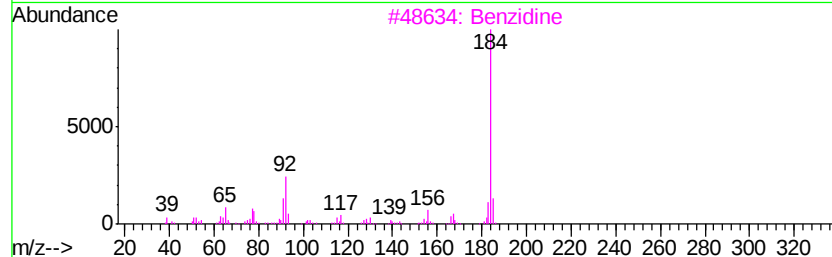
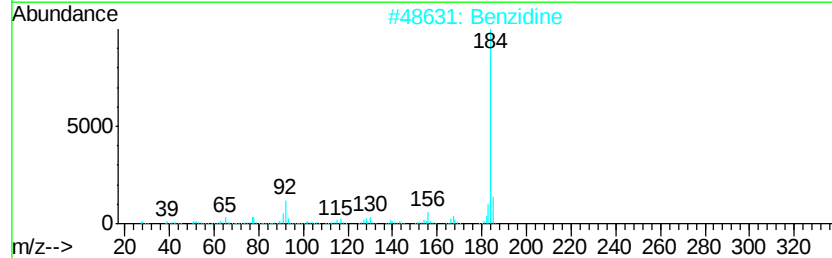
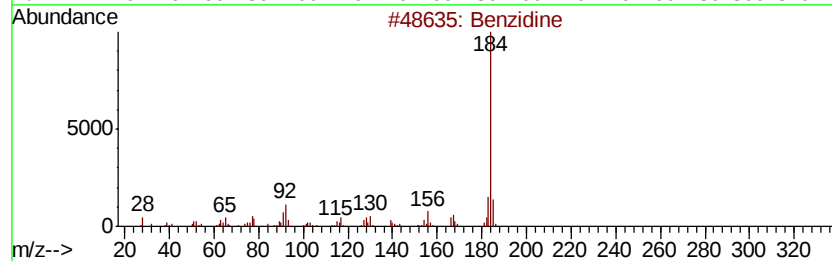
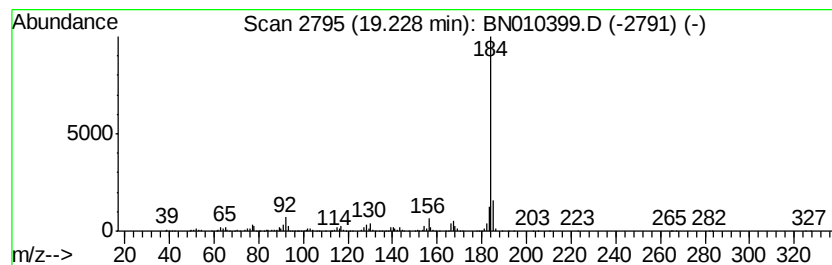
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Benzidine Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.23	2.45 ng/ul	1225940	Chrysene-d12	21.18

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzidine	184	C12H12N2	000092-87-5	97
2		Benzidine	184	C12H12N2	000092-87-5	95
3		Benzidine	184	C12H12N2	000092-87-5	94
4		Benzidine	184	C12H12N2	000092-87-5	94
5		Benzidine	184	C12H12N2	000092-87-5	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN040120\
Data File : BN010399.D
Acq On : 02 Apr 2020 19:08
Operator : CG/JU
Sample : L2095-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040120MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.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...	3.65	4.2	ng/ul	540801	1	7.61	2569780	20.0
(DEL) Alkane: Str...	4.17	9.0	ng/ul	1155340	1	7.61	2569780	20.0
Hexanal	4.26	2.5	ng/ul	317188	1	7.61	2569780	20.0
Propanoic acid, p...	4.33	13.0	ng/ul	1664890	1	7.61	2569780	20.0
Butanoic acid, 1-...	4.78	18.1	ng/ul	2328920	1	7.61	2569780	20.0
Butanoic acid, pr...	5.61	3.0	ng/ul	381263	1	7.61	2569780	20.0
unknown-02	11.90	5.6	ng/ul	1056750	2	10.37	3747080	20.0
Benzidine	19.23	2.5	ng/ul	1225940	5	21.18	9995010	20.0