

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072820\
 Data File : BM026923.D
 Acq On : 29 Jul 2020 13:19
 Operator : JU/CG
 Sample : L3419-10
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AE9

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-BM072720MA.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	2.772	3	6	24	rVB	259735	316147	23.04%	1.535%
2	2.907	24	29	37	rVV	190378	335980	24.49%	1.632%
3	2.978	37	41	58	rVB	791669	939615	68.49%	4.563%
4	3.219	78	82	91	rVB	41938	53772	3.92%	0.261%
5	3.607	146	148	151	rBV3	1513	1765	0.13%	0.009%
6	3.713	163	166	167	rBV3	1838	1936	0.14%	0.009%
7	3.772	171	176	181	rBV4	13056	17863	1.30%	0.087%
8	3.854	187	190	195	rVB4	5065	6899	0.50%	0.034%
9	3.943	200	205	211	rBV	14954	22645	1.65%	0.110%
10	4.013	215	217	220	rBV3	1223	1627	0.12%	0.008%
11	4.154	236	241	245	rBV2	11651	15113	1.10%	0.073%
12	4.219	249	252	253	rBV3	1797	1466	0.11%	0.007%
13	4.554	304	309	314	rVB3	7863	10022	0.73%	0.049%
14	4.831	353	356	361	rVB3	4799	6792	0.50%	0.033%
15	5.025	387	389	391	rVB3	1552	1402	0.10%	0.007%
16	5.401	450	453	456	rBV2	1257	1572	0.11%	0.008%
17	6.095	568	571	577	rVB3	968	1420	0.10%	0.007%
18	6.154	577	581	585	rVB4	1009	1577	0.11%	0.008%
19	6.842	691	698	710	rVV	376471	586315	42.73%	2.847%
20	6.931	710	713	716	rVB3	1215	1645	0.12%	0.008%
21	7.007	719	726	733	rBV	282336	429918	31.34%	2.088%
22	7.095	738	741	744	rVB3	1280	1632	0.12%	0.008%
23	7.207	753	760	769	rBV	385216	607193	44.26%	2.949%
24	7.278	769	772	778	rBV	6607	11193	0.82%	0.054%
25	7.666	832	838	845	rVB	340720	539378	39.31%	2.619%
26	7.742	847	851	853	rBV3	2219	2283	0.17%	0.011%
27	8.366	950	957	967	rBV	447601	679792	49.55%	3.301%
28	8.807	1024	1032	1042	rBV	366221	571313	41.64%	2.774%
29	9.525	1147	1154	1164	rVB	257465	415736	30.30%	2.019%
30	10.066	1236	1246	1257	rBV	437234	718429	52.36%	3.489%
31	10.189	1265	1267	1272	rVB3	1387	1956	0.14%	0.009%
32	10.242	1272	1276	1279	rBV2	1070	1821	0.13%	0.009%
33	10.442	1303	1310	1318	rBV	423538	697948	50.87%	3.389%
34	10.572	1325	1332	1343	rVB	421498	702089	51.17%	3.410%

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35	12.030	1574	1580	1587	rVB2	5201	8046	0.59%	0.039%
36	12.919	1728	1731	1735	rVB4	1767	2149	0.16%	0.010%
37	13.154	1769	1771	1775	rVV2	1836	2031	0.15%	0.010%
38	13.219	1779	1782	1787	rBV3	4924	7021	0.51%	0.034%
39	13.713	1859	1866	1870	rBV	720337	955467	69.64%	4.640%
40	13.760	1870	1874	1881	rVB	298744	391663	28.55%	1.902%
41	13.989	1906	1913	1926	rBV	794026	1108728	80.81%	5.384%
42	14.236	1952	1955	1959	rBV3	1444	1669	0.12%	0.008%
43	14.301	1959	1966	1973	rBV	613226	878171	64.01%	4.265%
44	14.489	1991	1998	2008	rBV	284074	394265	28.74%	1.915%
45	15.054	2089	2094	2099	rVB3	1258	1743	0.13%	0.008%
46	15.130	2104	2107	2113	rVV4	4059	6171	0.45%	0.030%
47	15.189	2113	2117	2122	rVB3	1744	3135	0.23%	0.015%
48	15.295	2129	2135	2143	rBV	898354	1247107	90.90%	6.056%
49	15.407	2148	2154	2161	rVV	166256	234497	17.09%	1.139%
50	15.536	2171	2176	2181	rVB3	7720	11519	0.84%	0.056%
51	15.818	2221	2224	2227	rVB2	1217	1416	0.10%	0.007%
52	15.942	2240	2245	2249	rBV2	1658	2479	0.18%	0.012%
53	16.060	2261	2265	2266	rBV	1018	1414	0.10%	0.007%
54	16.083	2266	2269	2271	rVV2	3712	3533	0.26%	0.017%
55	16.107	2271	2273	2278	rVV4	2166	1967	0.14%	0.010%
56	16.207	2284	2290	2293	rBV5	2176	2963	0.22%	0.014%
57	16.312	2305	2308	2314	rBV3	6912	10747	0.78%	0.052%
58	16.401	2320	2323	2326	rBV3	1211	1572	0.11%	0.008%
59	16.471	2332	2335	2341	rVB4	2317	4186	0.31%	0.020%
60	16.548	2345	2348	2349	rVB2	1770	1522	0.11%	0.007%
61	16.812	2388	2393	2394	rBV2	1851	2396	0.17%	0.012%
62	16.824	2394	2395	2402	rVV4	2624	4426	0.32%	0.021%
63	16.901	2404	2408	2411	rBV3	1167	1506	0.11%	0.007%
64	17.042	2426	2432	2438	rBV	703744	973347	70.94%	4.727%
65	17.142	2443	2449	2457	rBV	902399	1278567	93.19%	6.209%
66	17.454	2499	2502	2505	rVB4	1881	2281	0.17%	0.011%
67	17.483	2505	2507	2510	rVB3	1494	1421	0.10%	0.007%
68	17.577	2519	2523	2526	rVB4	1130	1639	0.12%	0.008%
69	17.771	2554	2556	2558	rVB3	1822	1801	0.13%	0.009%
70	17.789	2558	2559	2562	rBV3	1869	1954	0.14%	0.009%
71	17.854	2565	2570	2572	rBV6	2715	4616	0.34%	0.022%

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72	17.871	2572	2573	2576	rVB3	2137	1399	0.10%	0.007%
73	17.918	2579	2581	2584	rVB4	1891	1791	0.13%	0.009%
74	17.965	2584	2589	2594	rBV	83225	119453	8.71%	0.580%
75	18.083	2606	2609	2612	rVB4	2287	2506	0.18%	0.012%
76	18.236	2633	2635	2637	rBV3	1971	1510	0.11%	0.007%
77	18.430	2666	2668	2672	rVV5	1969	2206	0.16%	0.011%
78	18.477	2672	2676	2682	rVB5	5150	7097	0.52%	0.034%
79	18.571	2685	2692	2698	rBV10	4684	10068	0.73%	0.049%
80	18.742	2716	2721	2726	rBV	34625	46195	3.37%	0.224%
81	18.777	2726	2727	2730	rVV2	3482	2688	0.20%	0.013%
82	18.830	2732	2736	2741	rVV5	10463	13764	1.00%	0.067%
83	18.906	2744	2749	2753	rBV7	4338	6488	0.47%	0.032%
84	19.071	2774	2777	2779	rBV2	5765	6651	0.48%	0.032%
85	19.101	2779	2782	2786	rVB	21706	26101	1.90%	0.127%
86	19.206	2799	2800	2803	rBV2	2221	1927	0.14%	0.009%
87	19.248	2803	2807	2815	rVV2	41320	55518	4.05%	0.270%
88	19.324	2817	2820	2826	rVV3	9406	15209	1.11%	0.074%
89	19.383	2826	2830	2833	rVV6	5460	9918	0.72%	0.048%
90	19.436	2833	2839	2851	rVV	1020487	1372001	100.00%	6.663%
91	19.618	2868	2870	2872	rBV3	2042	1926	0.14%	0.009%
92	20.124	2954	2956	2960	rVB5	3970	3744	0.27%	0.018%
93	20.977	3097	3101	3105	rBV2	80658	90618	6.60%	0.440%
94	21.236	3139	3145	3150	rBV	891223	1098052	80.03%	5.332%
95	23.306	3491	3497	3508	rVB	746025	1326474	96.68%	6.442%
96	23.447	3515	3521	3531	rVB	621203	1103106	80.40%	5.357%

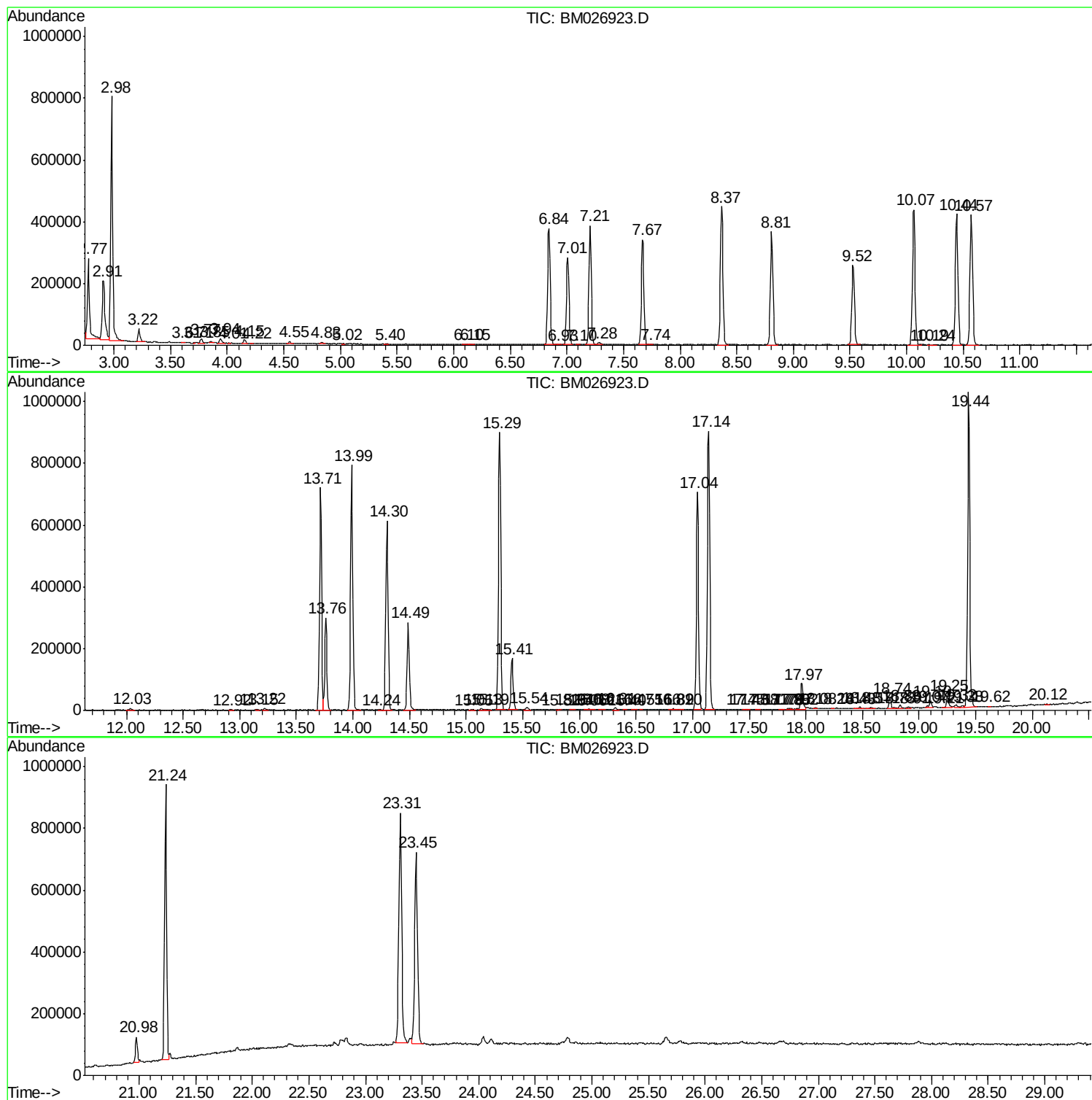
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION

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



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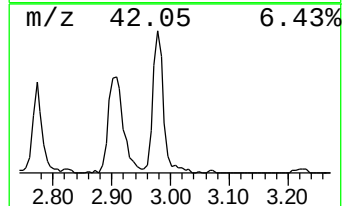
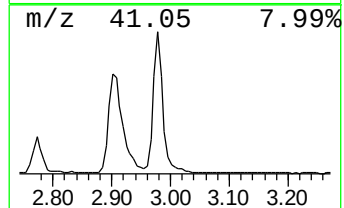
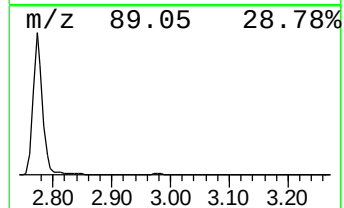
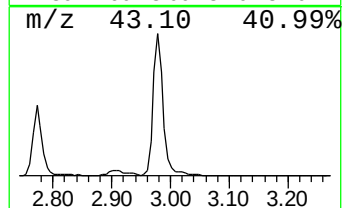
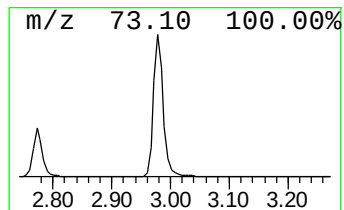
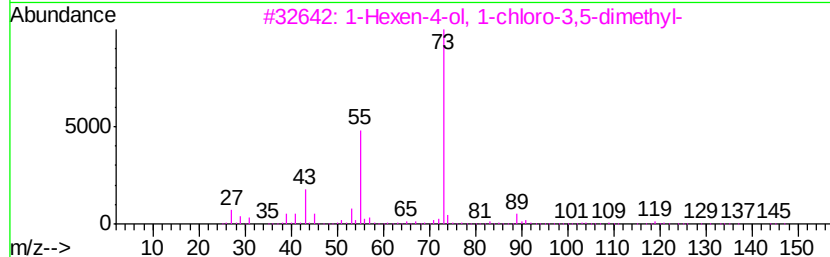
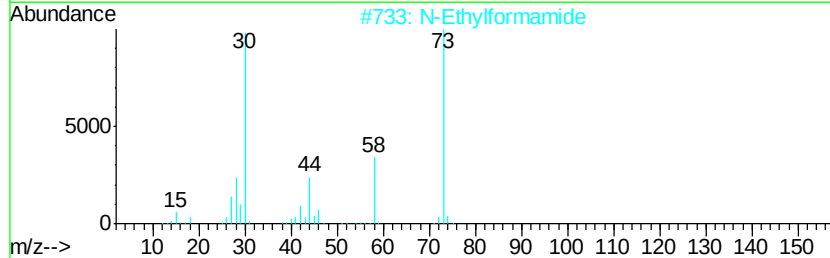
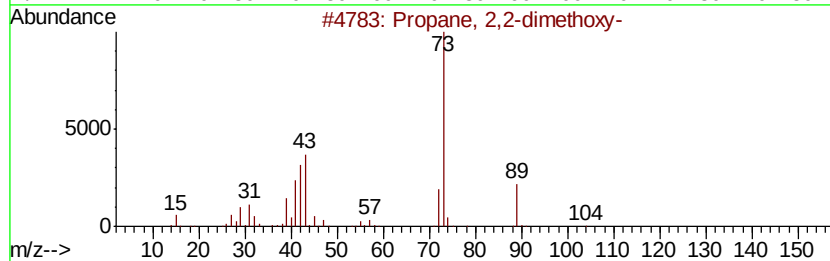
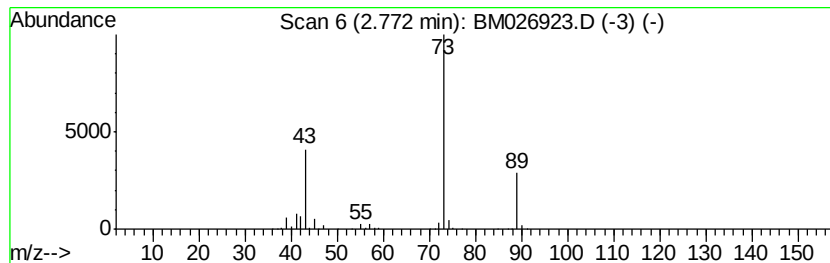
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.77	11.72 ng/ul	316147	1,4-Dichlorobenzene-d4	7.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	38
2		N-Ethylformamide	73	C3H7NO	000627-45-2	32
3		1-Hexen-4-ol, 1-chloro-3,5-dimet...	162	C8H15ClO	100244-09-5	9
4		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9
5		2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	9



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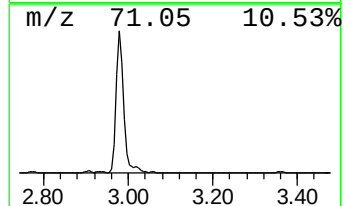
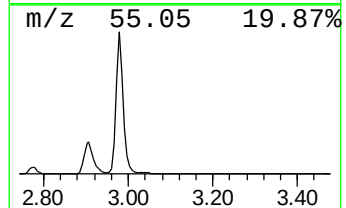
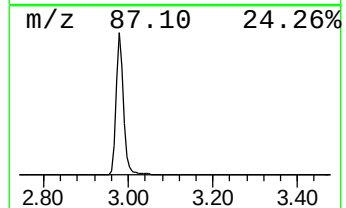
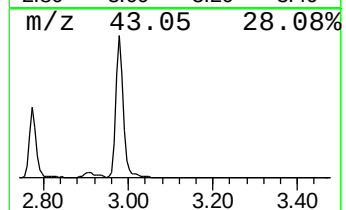
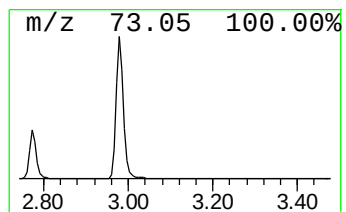
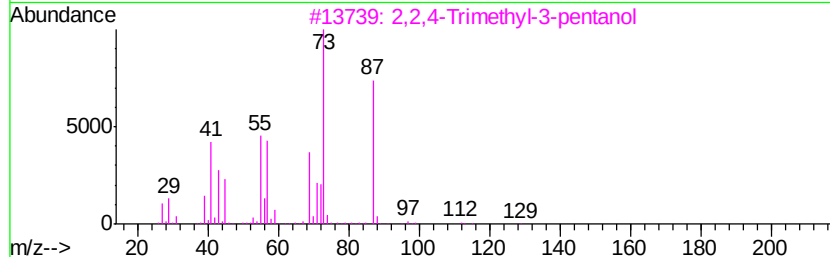
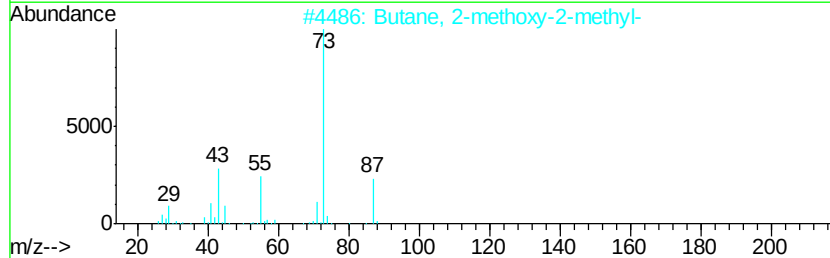
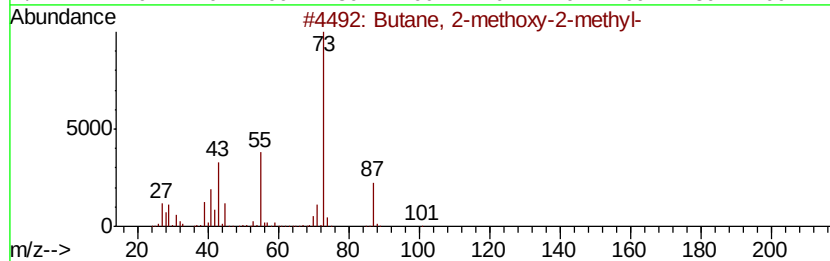
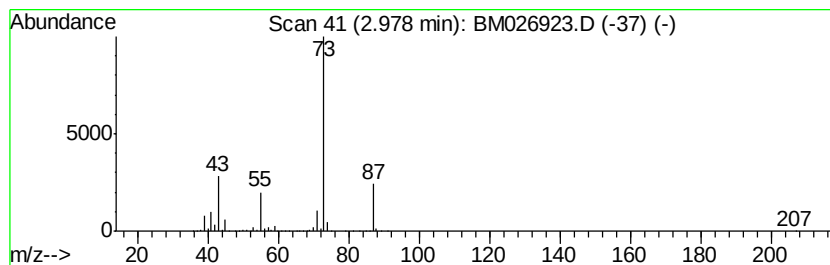
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.98	34.84 ng/ul	939615	1,4-Dichlorobenzene-d4	7.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	74
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
3		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
4		Silane, tetramethyl-	88	C4H12Si	000075-76-3	25
5		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23



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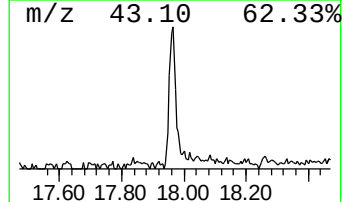
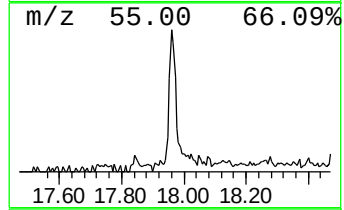
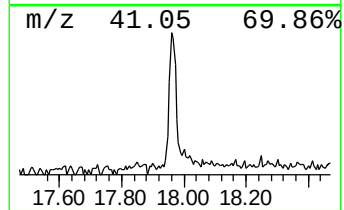
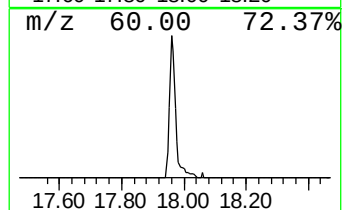
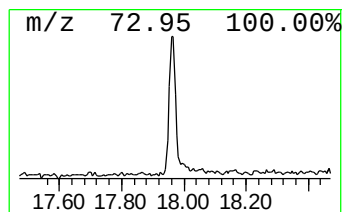
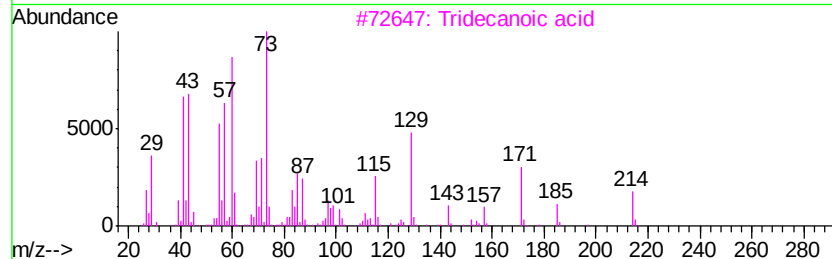
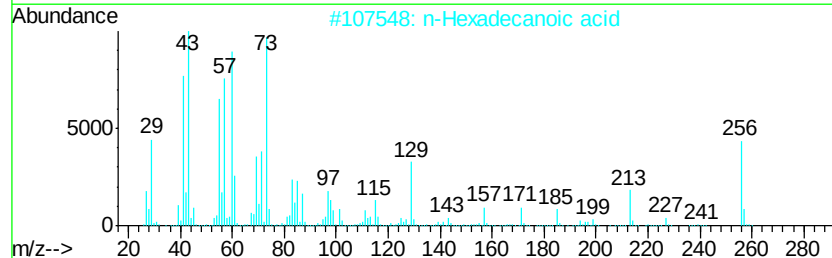
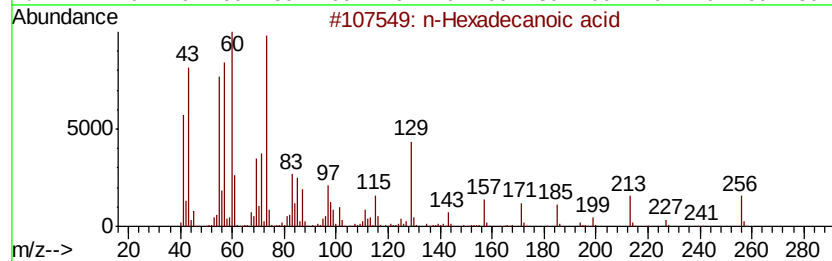
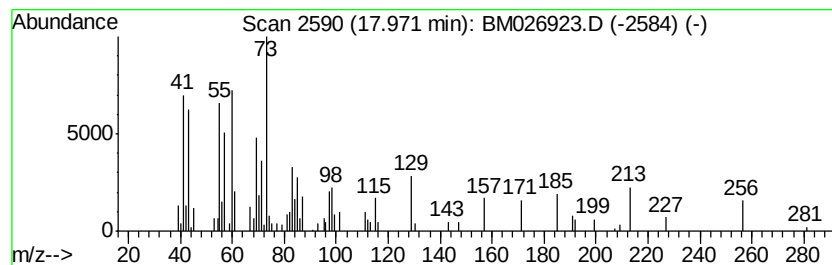
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.97	2.45 ng/ul	119453	Phenanthrene-d10	17.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
3		Tridecanoic acid	214	C13H26O2	000638-53-9	93
4		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
5		Tridecanoic acid	214	C13H26O2	000638-53-9	76



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C0AE9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.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
unknown-01	2.77	11.7	ng/ul	316147	1	7.67	539378	20.0
Butane, 2-methoxy...	2.98	34.8	ng/ul	939615	1	7.67	539378	20.0
n-Hexadecanoic acid	17.97	2.5	ng/ul	119453	4	17.04	973347	20.0