

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072820\
 Data File : BM026925.D
 Acq On : 29 Jul 2020 14:33
 Operator : JU/CG
 Sample : L3419-17
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AF8

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	14	rVB	291182	313822	11.32%	0.938%
2	2.907	24	29	37	rBV	157655	262197	9.46%	0.783%
3	2.978	37	41	56	rVB	790162	934651	33.71%	2.793%
4	3.219	79	82	89	rVB	57930	74574	2.69%	0.223%
5	3.772	172	176	179	rBV	16598	18318	0.66%	0.055%
6	3.849	186	189	194	rVB2	7606	9885	0.36%	0.030%
7	3.937	202	204	211	rVB2	7008	8863	0.32%	0.026%
8	4.149	237	240	246	rVB3	8406	12319	0.44%	0.037%
9	4.554	305	309	315	rVB3	5951	7557	0.27%	0.023%
10	4.825	352	355	360	rBV4	5534	7919	0.29%	0.024%
11	6.842	691	698	708	rBV	666046	1027345	37.06%	3.070%
12	7.007	719	726	735	rVB	495361	750468	27.07%	2.242%
13	7.207	752	760	768	rBV	671242	1042193	37.59%	3.114%
14	7.278	768	772	779	rVV	12266	18888	0.68%	0.056%
15	7.666	832	838	846	rVV	356008	554378	20.00%	1.656%
16	7.748	846	852	855	rVB4	2549	4196	0.15%	0.013%
17	8.366	950	957	966	rBV	791074	1239542	44.71%	3.704%
18	8.807	1024	1032	1042	rBV	641181	1019484	36.77%	3.046%
19	9.525	1147	1154	1167	rBV	481131	792954	28.60%	2.369%
20	10.060	1237	1245	1258	rBV	800806	1326251	47.84%	3.963%
21	10.442	1302	1310	1317	rBV	451702	736045	26.55%	2.199%
22	10.572	1324	1332	1344	rBV	795141	1303146	47.01%	3.894%
23	12.036	1575	1581	1587	rVB	12441	16849	0.61%	0.050%
24	13.219	1778	1782	1788	rBV3	11006	16212	0.58%	0.048%
25	13.713	1858	1866	1871	rBV	1319527	1849662	66.72%	5.527%
26	13.760	1871	1874	1882	rVB	437491	569678	20.55%	1.702%
27	13.989	1904	1913	1922	rBV	1512525	2145086	77.38%	6.409%
28	14.301	1959	1966	1973	rVB2	665068	978357	35.29%	2.923%
29	14.489	1991	1998	2010	rBV	664260	933030	33.66%	2.788%
30	15.189	2114	2117	2122	rVB5	2379	3918	0.14%	0.012%
31	15.295	2128	2135	2143	rBV	1742212	2465885	88.95%	7.368%
32	15.407	2148	2154	2165	rBV	406175	562753	20.30%	1.681%
33	15.536	2171	2176	2180	rBV2	17578	23629	0.85%	0.071%
34	15.989	2249	2253	2258	rBV5	2495	4209	0.15%	0.013%

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35	16.077	2265	2268	2274	rBV6	5895	8308	0.30%	0.025%
36	16.212	2286	2291	2293	rBV4	2169	3661	0.13%	0.011%
37	16.318	2303	2309	2312	rBV2	9493	13261	0.48%	0.040%
38	16.471	2329	2335	2339	rBV5	4901	8395	0.30%	0.025%
39	16.836	2393	2397	2401	rVB5	2968	3632	0.13%	0.011%
40	16.971	2416	2420	2422	rBV3	2366	3077	0.11%	0.009%
41	17.042	2426	2432	2442	rVB	831525	1133899	40.90%	3.388%
42	17.142	2442	2449	2461	rBV	1940366	2599458	93.77%	7.767%
43	17.236	2464	2465	2469	rVV4	4696	4730	0.17%	0.014%
44	17.271	2469	2471	2477	rVB5	3866	6057	0.22%	0.018%
45	17.454	2498	2502	2506	rVB5	2898	4271	0.15%	0.013%
46	17.842	2563	2568	2574	rBV6	5609	10432	0.38%	0.031%
47	17.965	2584	2589	2596	rBV	133959	185360	6.69%	0.554%
48	18.083	2605	2609	2614	rVB5	12257	17970	0.65%	0.054%
49	18.265	2636	2640	2647	rVB8	4230	9378	0.34%	0.028%
50	18.395	2660	2662	2665	rBV3	2184	2998	0.11%	0.009%
51	18.830	2733	2736	2742	rVB6	5772	8239	0.30%	0.025%
52	18.983	2756	2762	2763	rBV5	2767	4416	0.16%	0.013%
53	19.071	2772	2777	2780	rBV2	18078	24296	0.88%	0.073%
54	19.106	2780	2783	2786	rVB	13080	15102	0.54%	0.045%
55	19.248	2803	2807	2814	rBV3	53362	73630	2.66%	0.220%
56	19.324	2817	2820	2824	rVB	14811	18910	0.68%	0.057%
57	19.436	2833	2839	2850	rBV	1995821	2772281	100.00%	8.283%
58	19.753	2889	2893	2894	rBV3	3370	4001	0.14%	0.012%
59	20.977	3097	3101	3106	rBV	143700	170457	6.15%	0.509%
60	21.236	3139	3145	3150	rBV	1017728	1325892	47.83%	3.962%
61	23.312	3491	3498	3509	rVB	1495245	2735737	98.68%	8.174%
62	23.447	3515	3521	3530	rVB	678035	1265975	45.67%	3.783%

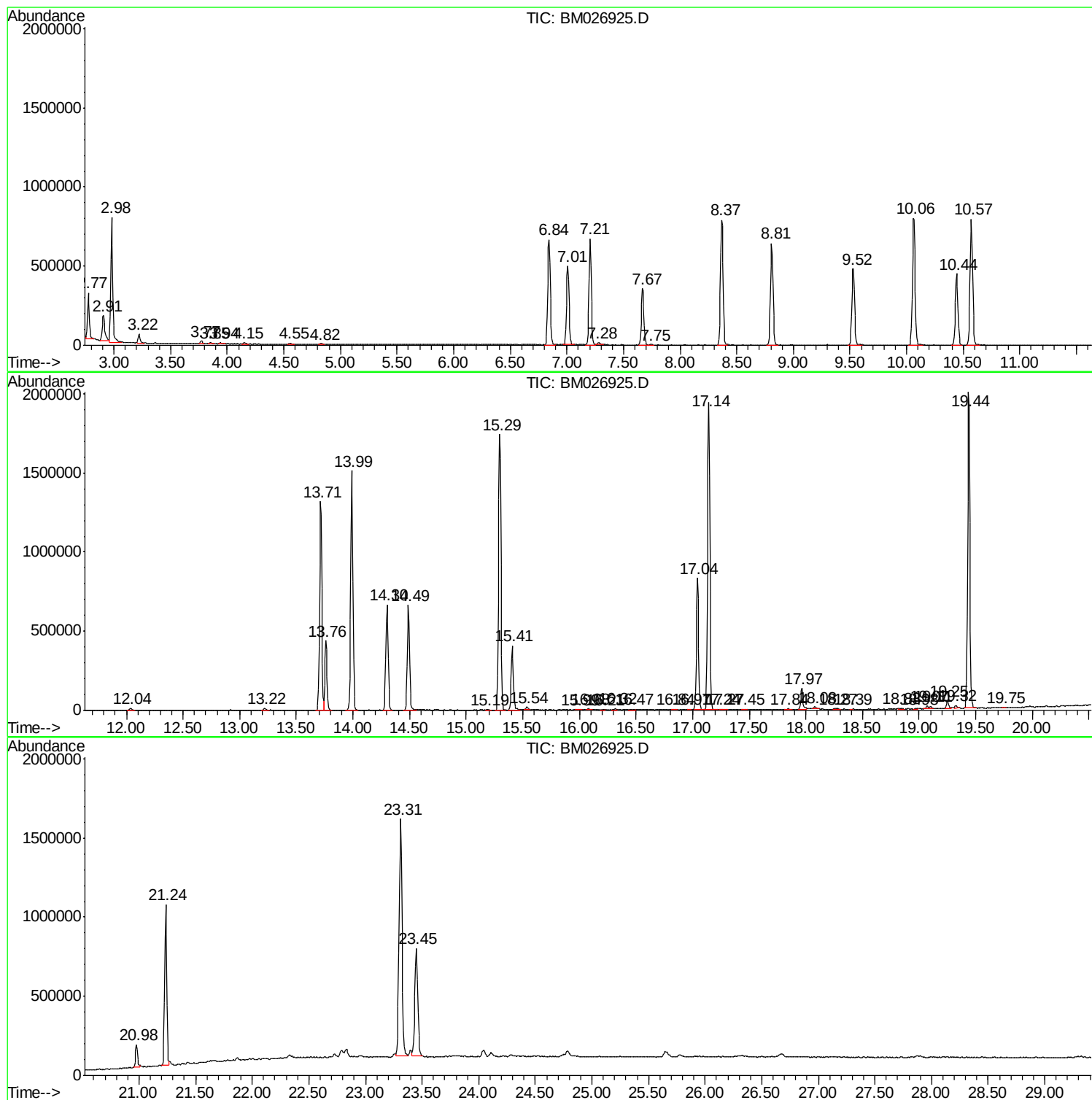
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Quant Title : SVOA CALIBRATION

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



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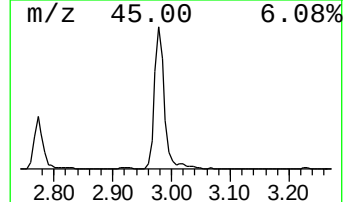
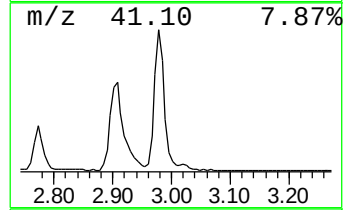
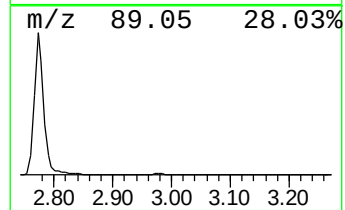
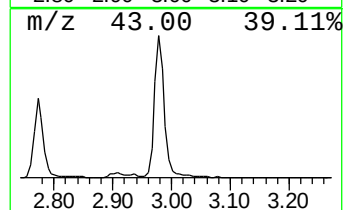
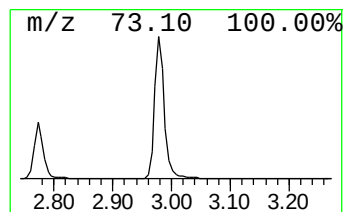
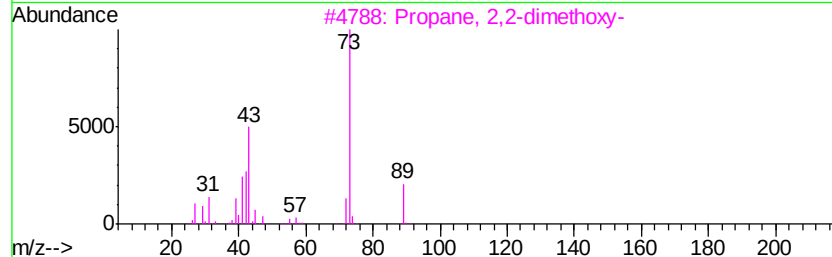
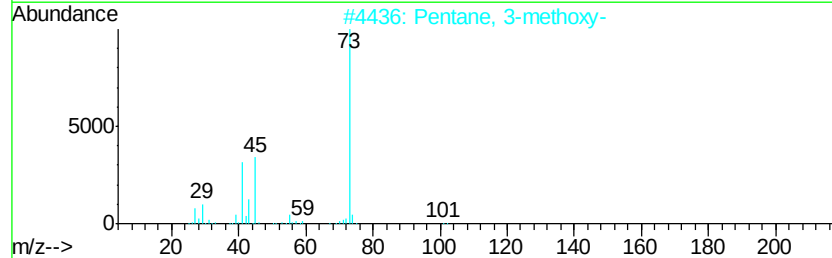
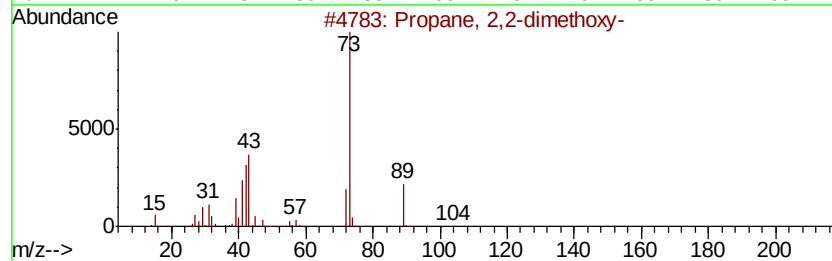
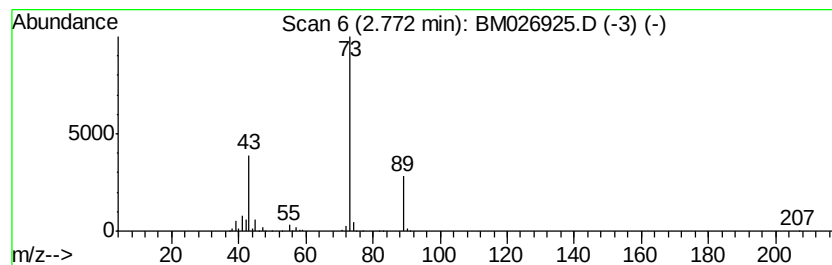
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.77	11.32 ng/ul	313822	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	39
2		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9
3		Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	9
4		Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
5		1-Propene-1-thiol	74	C3H6S	000925-89-3	5



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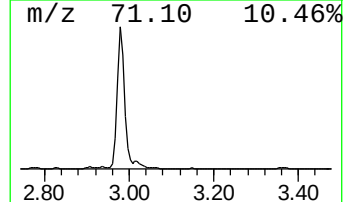
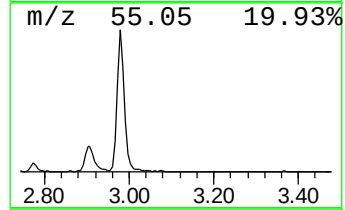
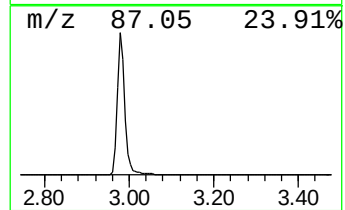
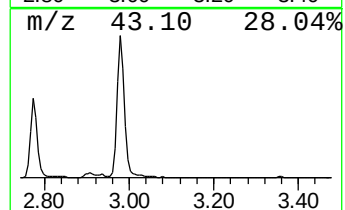
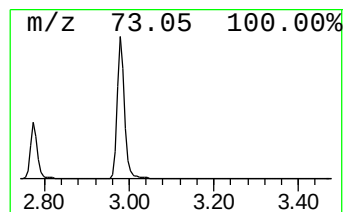
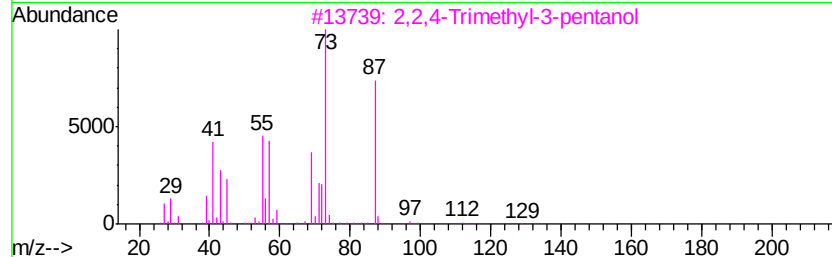
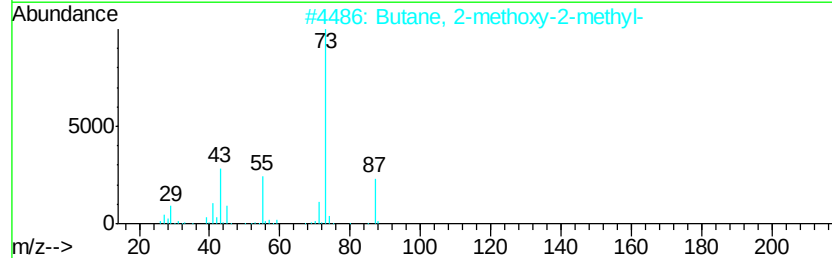
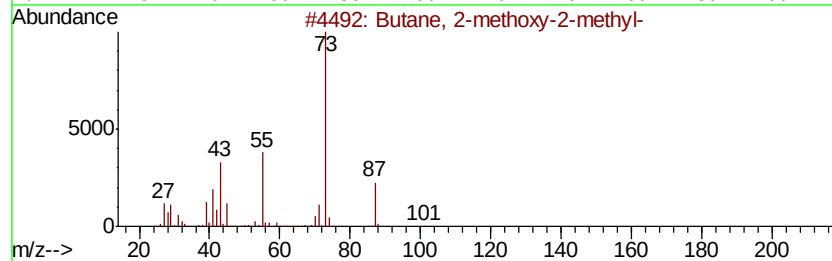
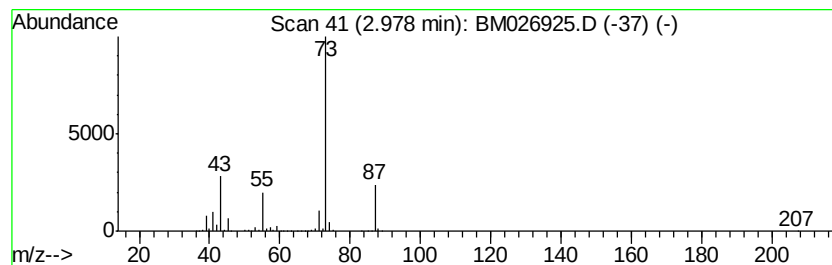
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION

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	33.72 ng/ul	934651	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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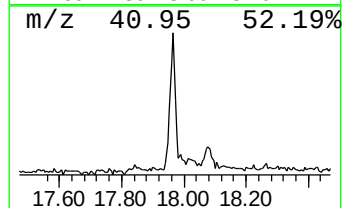
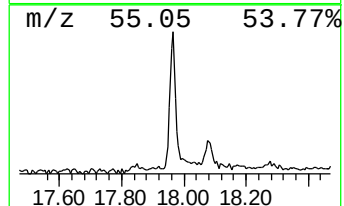
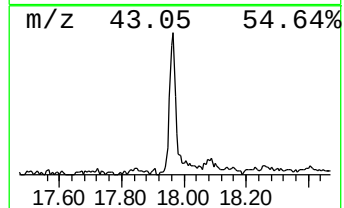
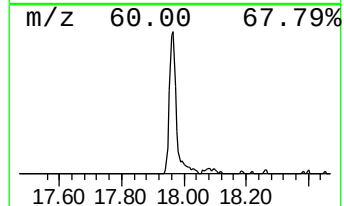
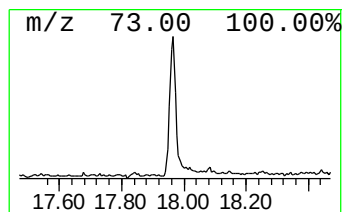
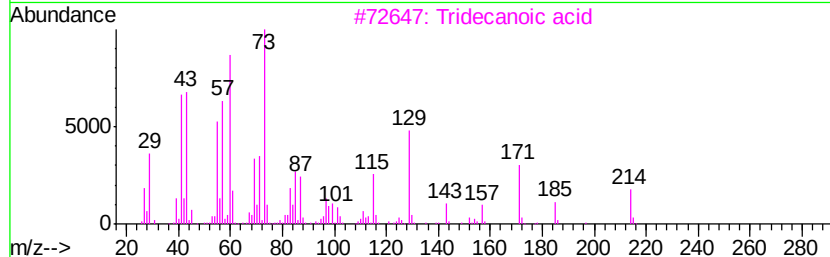
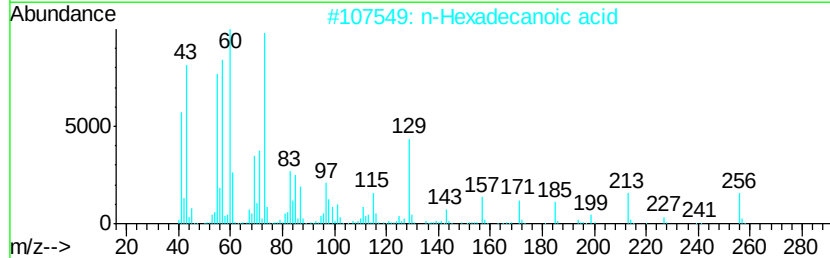
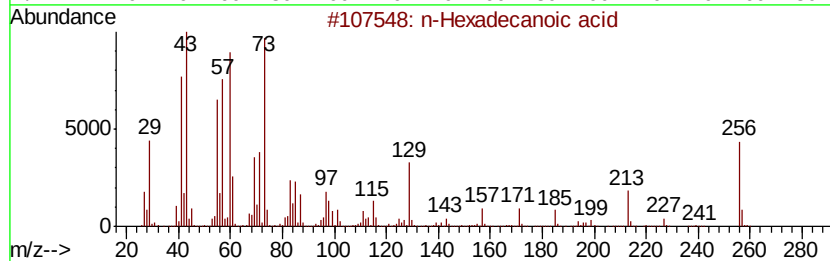
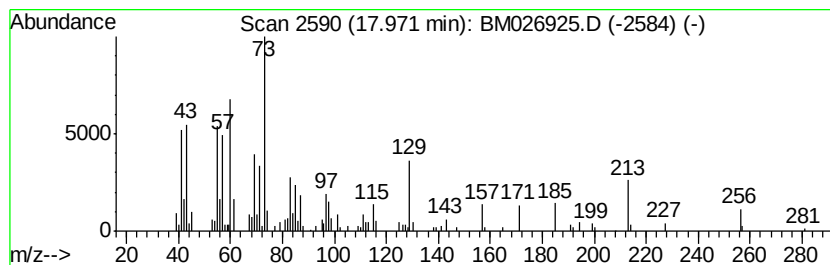
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Quant Title : SVOA CALIBRATION

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	3.27 ng/ul	185360	Phenanthrene-d10		17.04		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
3			Tridecanoic acid	214	C13H26O2	000638-53-9	90
4			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	89
5			Pentadecanoic acid	242	C15H30O2	001002-84-2	76



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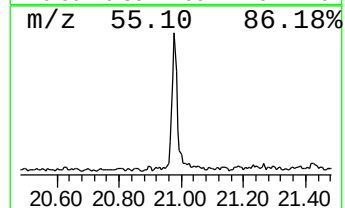
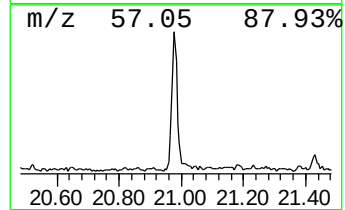
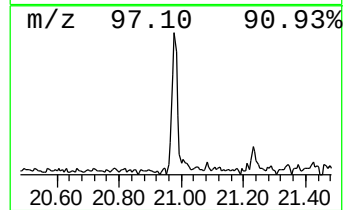
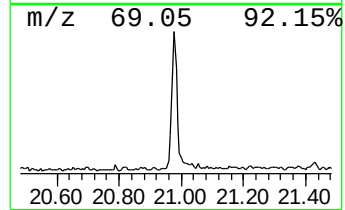
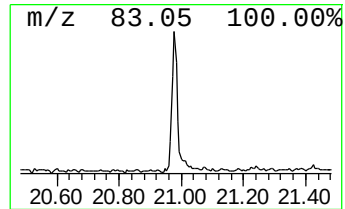
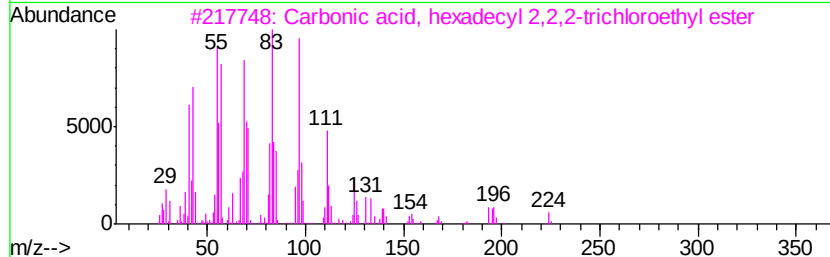
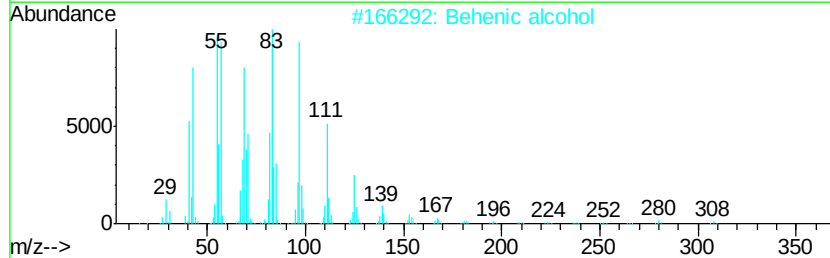
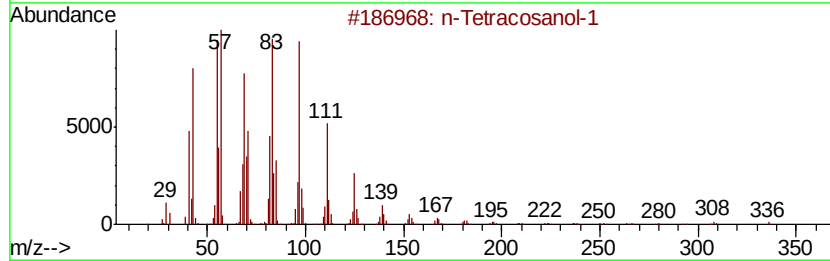
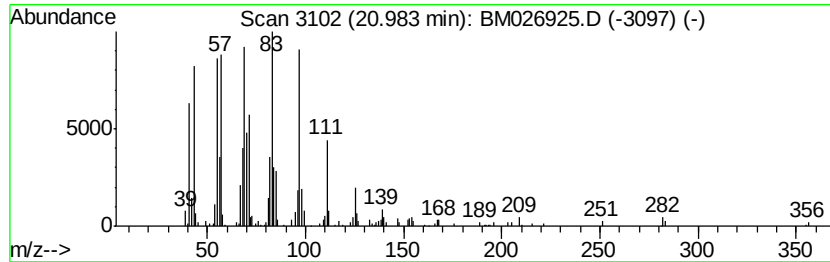
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 n-Tetracosanol-1 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.98	2.57 ng/ul	170457	Chrysene-d12	21.24

Hit# of	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Tetracosanol-1	354	C24H50O	000506-51-4	93
2	Behenic alcohol	326	C22H46O	000661-19-8	91
3	Carbonic acid, hexadecyl 2,2,2-t...	416	C19H35Cl3O3	1000314-56-2	90
4	1-Heptacosanol	396	C27H56O	002004-39-9	87
5	n-Nonadecanol-1	284	C19H40O	001454-84-8	87



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown-01	2.77	11.3	ng/ul	313822	1	7.67	554378	20.0
Butane, 2-methoxy...	2.98	33.7	ng/ul	934651	1	7.67	554378	20.0
n-Hexadecanoic acid	17.97	3.3	ng/ul	185360	4	17.04	1133900	20.0
n-Tetracosanol-1	20.98	2.6	ng/ul	170457	5	21.24	1325890	20.0