

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072820\
 Data File : BM026893.D
 Acq On : 28 Jul 2020 16:30
 Operator : JU/CG
 Sample : L3388-13
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AD9

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	2.907	24	29	37	rBV	310673	457130	21.13%	2.692%
2	2.978	37	41	61	rVB	1838730	2163506	100.00%	12.739%
3	3.225	79	83	88	rVB	20250	23902	1.10%	0.141%
4	3.860	186	191	196	rBV2	12507	19794	0.91%	0.117%
5	3.943	201	205	211	rBV4	6318	9521	0.44%	0.056%
6	4.154	238	241	247	rVB4	2138	4126	0.19%	0.024%
7	4.390	279	281	287	rBV4	1817	2702	0.12%	0.016%
8	4.831	352	356	360	rBV	17653	22526	1.04%	0.133%
9	6.395	618	622	627	rVB3	8915	14331	0.66%	0.084%
10	6.843	687	698	710	rBV	204961	319423	14.76%	1.881%
11	7.007	721	726	735	rVB	147084	227472	10.51%	1.339%
12	7.207	751	760	768	rBV	187373	292858	13.54%	1.724%
13	7.331	776	781	784	rBV4	2350	3235	0.15%	0.019%
14	7.672	833	839	846	rVB	342242	521196	24.09%	3.069%
15	8.372	951	958	965	rBV	250064	388507	17.96%	2.288%
16	8.484	972	977	984	rVB2	7207	10944	0.51%	0.064%
17	8.813	1026	1033	1043	rVB	189361	309273	14.29%	1.821%
18	9.531	1147	1155	1162	rBV	128657	205315	9.49%	1.209%
19	10.066	1240	1246	1255	rVB	238105	377082	17.43%	2.220%
20	10.448	1303	1311	1317	rBV	412396	682715	31.56%	4.020%
21	10.578	1325	1333	1339	rBV	211098	362328	16.75%	2.133%
22	13.719	1861	1867	1872	rBV	430852	576842	26.66%	3.397%
23	13.766	1872	1875	1881	rVB	50493	64854	3.00%	0.382%
24	13.995	1908	1914	1922	rVB	463591	653713	30.22%	3.849%
25	14.307	1960	1967	1975	rBV	614823	884542	40.88%	5.208%
26	14.489	1992	1998	2008	rBV	180132	255270	11.80%	1.503%
27	14.583	2010	2014	2018	rVB2	1867	3206	0.15%	0.019%
28	14.748	2038	2042	2049	rVB3	7086	8390	0.39%	0.049%
29	15.301	2130	2136	2142	rBV	580366	787726	36.41%	4.638%
30	15.413	2148	2155	2161	rBV	113352	157713	7.29%	0.929%
31	15.501	2166	2170	2172	rVV	4479	4850	0.22%	0.029%
32	15.542	2172	2177	2181	rVB4	4376	6459	0.30%	0.038%
33	15.736	2207	2210	2213	rBV3	1476	2211	0.10%	0.013%
34	16.436	2326	2329	2333	rVB3	2105	2584	0.12%	0.015%

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35	16.477	2333	2336	2341	rBV3	1863	3837	0.18%	0.023%
36	16.836	2392	2397	2401	rVB3	2866	3571	0.17%	0.021%
37	17.048	2426	2433	2439	rBV	731319	1004808	46.44%	5.916%
38	17.148	2444	2450	2460	rBV2	576670	821567	37.97%	4.837%
39	17.465	2501	2504	2508	rVB6	2469	3284	0.15%	0.019%
40	17.912	2575	2580	2585	rBV6	11136	15417	0.71%	0.091%
41	17.971	2585	2590	2596	rBV2	49581	64226	2.97%	0.378%
42	18.177	2622	2625	2629	rVB4	2768	3498	0.16%	0.021%
43	18.254	2632	2638	2641	rBV3	16205	24417	1.13%	0.144%
44	18.283	2641	2643	2649	rVB7	3734	6237	0.29%	0.037%
45	18.830	2732	2736	2737	rBV4	1705	2515	0.12%	0.015%
46	18.936	2750	2754	2755	rBV4	6358	8022	0.37%	0.047%
47	18.959	2756	2758	2761	rVB4	8765	9480	0.44%	0.056%
48	19.112	2780	2784	2786	rBV2	15708	19093	0.88%	0.112%
49	19.142	2786	2789	2790	rVV3	7235	7321	0.34%	0.043%
50	19.259	2805	2809	2815	rBV	64033	80874	3.74%	0.476%
51	19.324	2818	2820	2830	rVB3	6058	11992	0.55%	0.071%
52	19.401	2830	2833	2834	rBV3	3370	3597	0.17%	0.021%
53	19.442	2835	2840	2849	rVV	643089	904177	41.79%	5.324%
54	19.636	2871	2873	2878	rVB6	3491	3705	0.17%	0.022%
55	19.918	2917	2921	2923	rBV4	8562	11241	0.52%	0.066%
56	19.953	2925	2927	2929	rVB3	5327	4220	0.20%	0.025%
57	20.042	2940	2942	2945	rBV4	5438	4549	0.21%	0.027%
58	20.142	2954	2959	2962	rBV7	9134	14934	0.69%	0.088%
59	20.177	2962	2965	2970	rVV7	10591	15378	0.71%	0.091%
60	20.348	2990	2994	2998	rBV	95308	108972	5.04%	0.642%
61	20.389	2998	3001	3009	rVB9	23401	42171	1.95%	0.248%
62	20.989	3100	3103	3110	rVB5	34334	59764	2.76%	0.352%
63	21.065	3113	3116	3119	rBV5	14723	18367	0.85%	0.108%
64	21.247	3141	3147	3152	rBV	902637	1158189	53.53%	6.820%
65	21.883	3252	3255	3261	rBV2	50855	61142	2.83%	0.360%
66	22.853	3416	3420	3424	rBV	83426	123739	5.72%	0.729%
67	23.324	3493	3500	3511	rVB2	504619	906086	41.88%	5.335%
68	23.465	3518	3524	3534	rVB	619707	1174860	54.30%	6.918%
69	24.071	3622	3627	3634	rBV2	93417	170510	7.88%	1.004%
70	26.529	4039	4045	4057	rVB9	95372	281314	13.00%	1.656%

LSC Area Percent Report

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Integration Parameters: LSCINT.P

Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Title : SVOA CALIBRATION

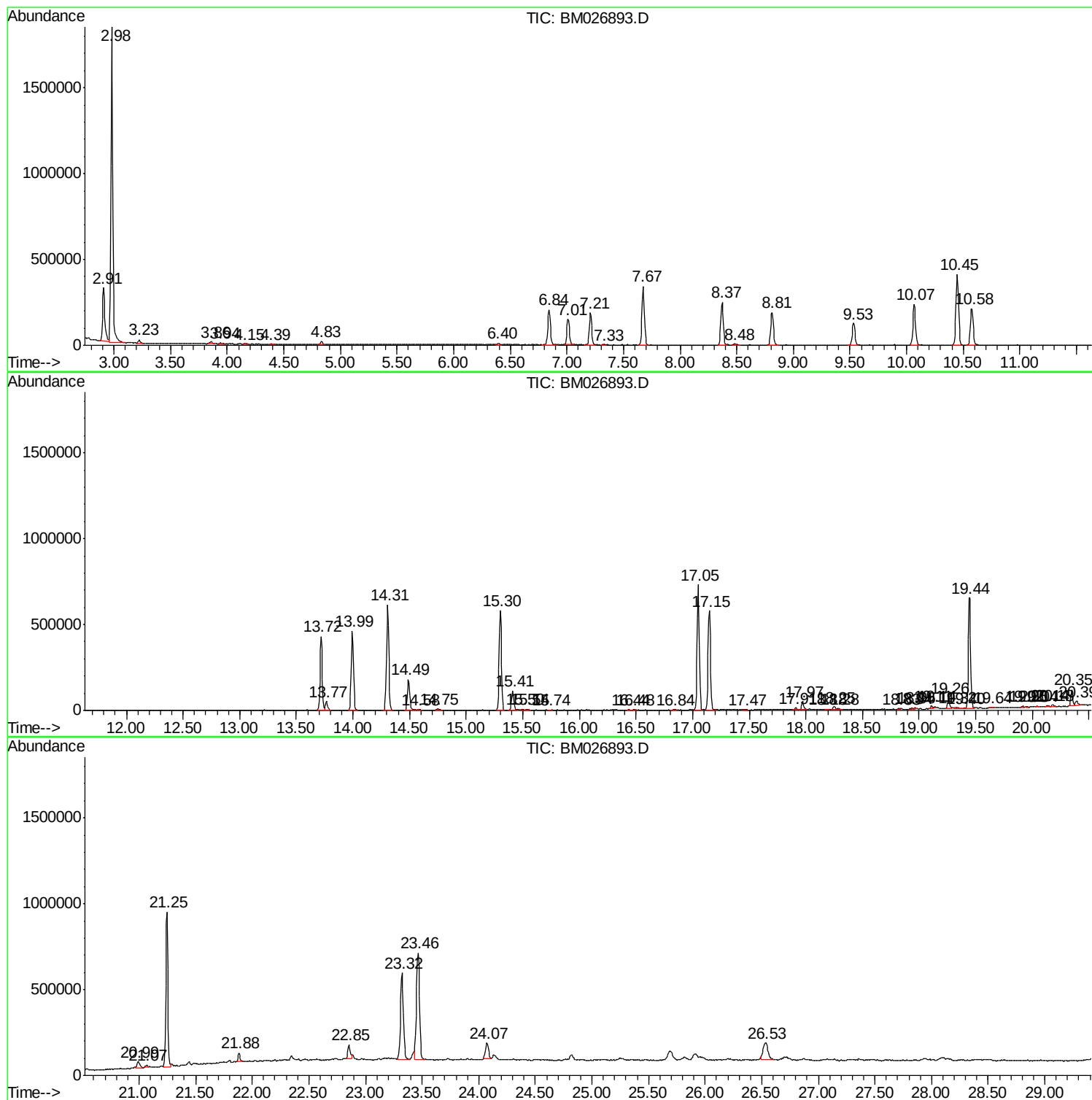
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072820\
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Operator : JU/CG
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Instrument :
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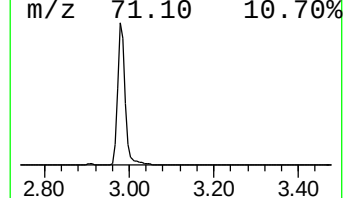
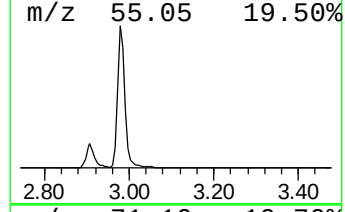
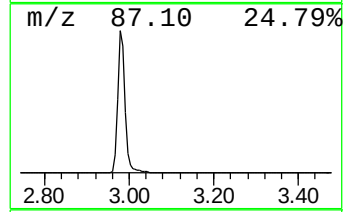
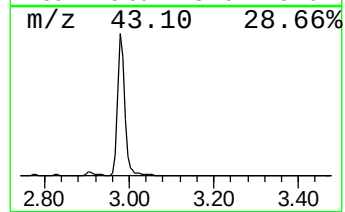
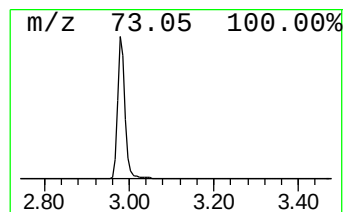
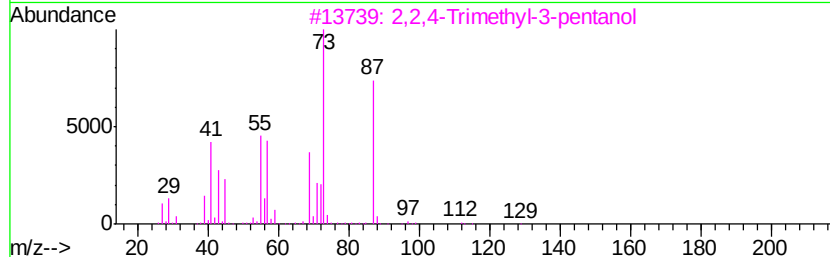
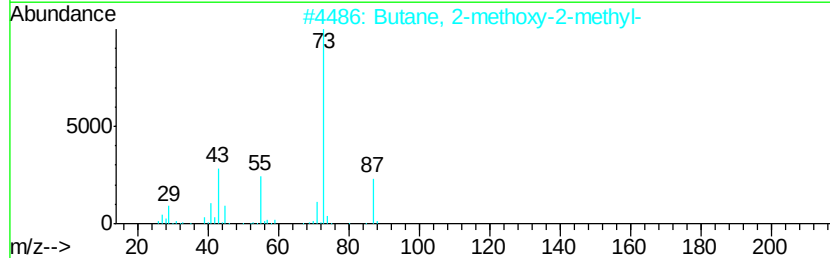
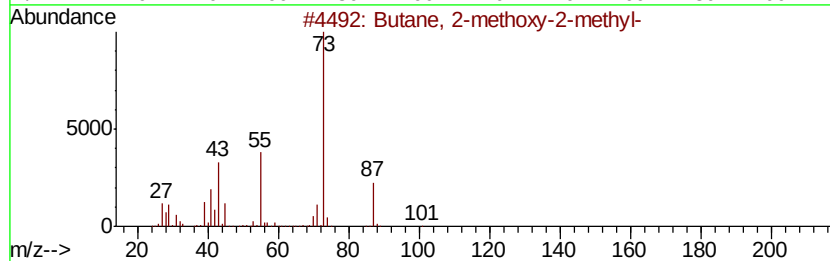
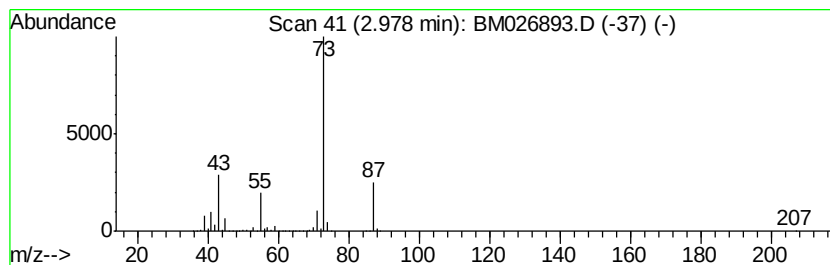
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.98	83.02 ng/ul	2163510	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	83
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
3		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	56
4		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9



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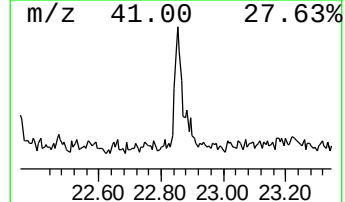
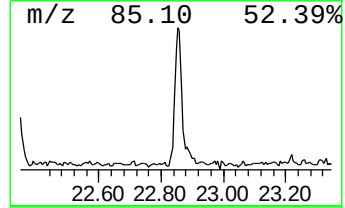
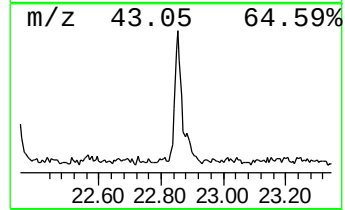
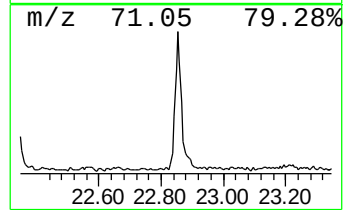
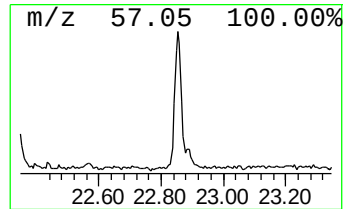
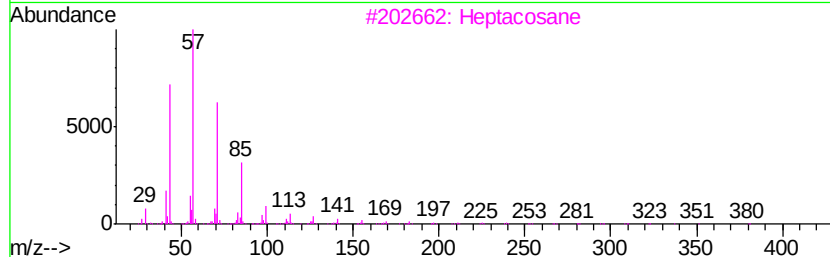
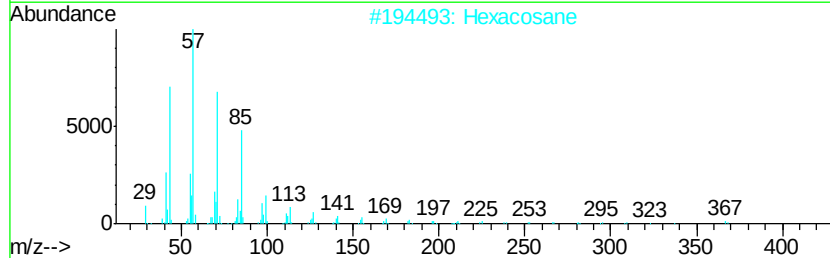
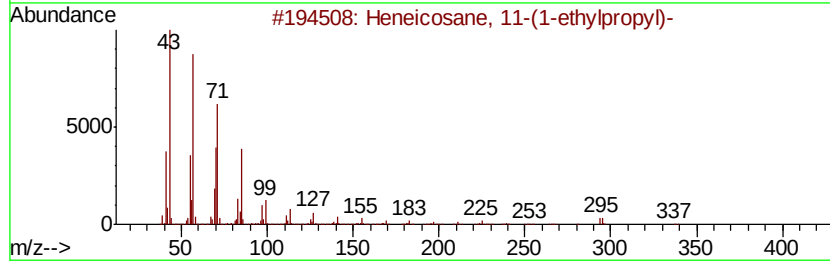
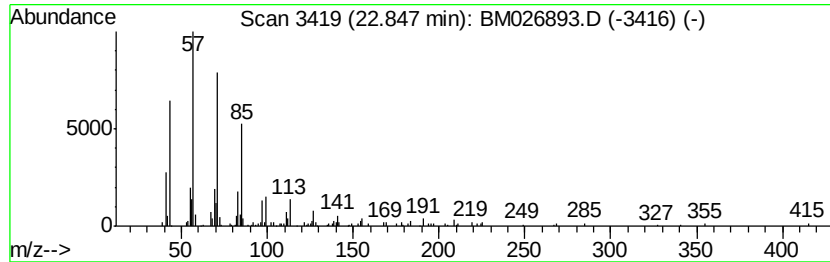
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.		
22.85	2.11 ng/ul	123739	Perylene-d12	23.47		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	86
2		Hexacosane	366	C26H54	000630-01-3	72
3		Heptacosane	380	C27H56	000593-49-7	72
4		2-Thiopheneacetic acid, 4-tetrad...	338	C20H34O2S	1000280-67-0	72
5		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	64



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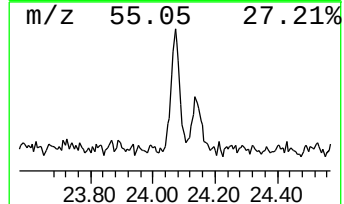
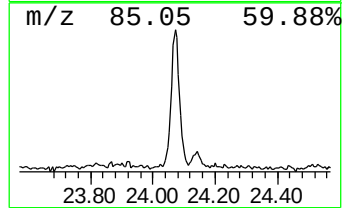
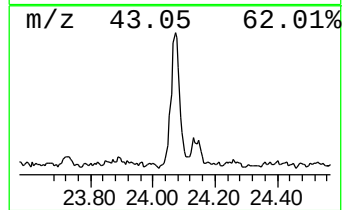
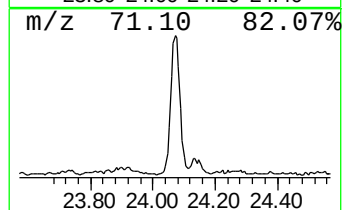
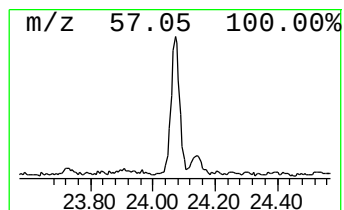
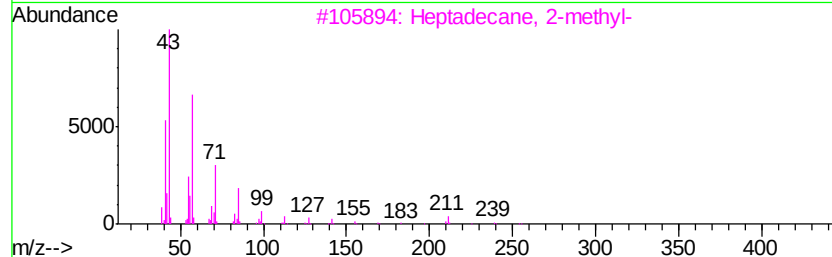
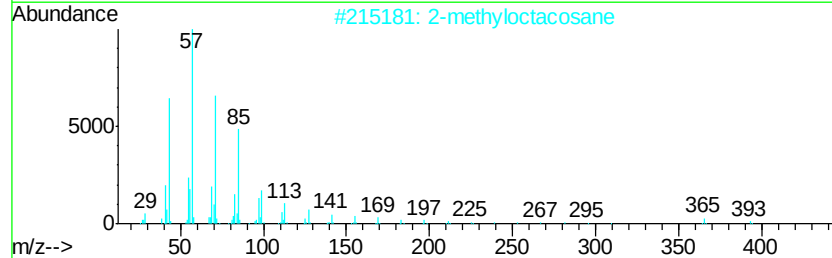
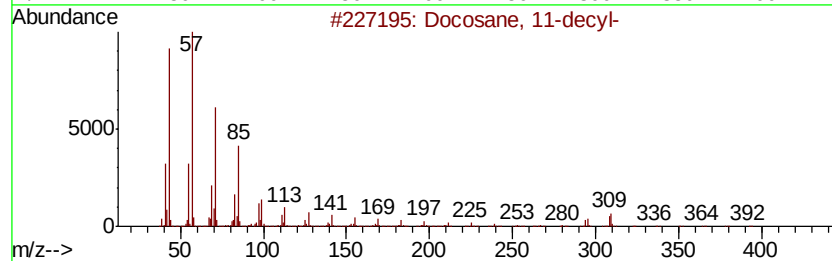
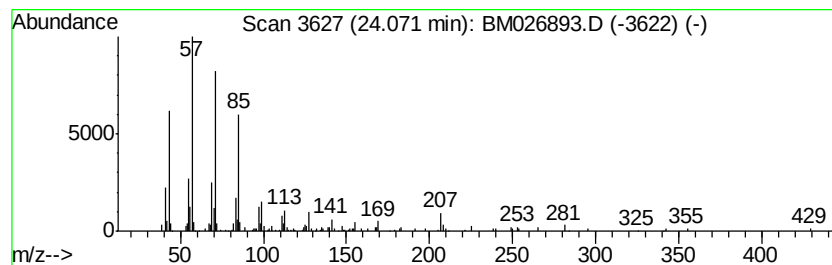
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.07	2.90 ng/ul	170510	Perylene-d12	23.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Docosane, 11-decyl-	451	C32H66	055401-55-3	90
2		2-methyloctacosane	408	C29H60	1000376-72-8	90
3		Heptadecane, 2-methyl-	254	C18H38	001560-89-0	90
4		Docosane	310	C22H46	000629-97-0	87
5		Hexacosane	366	C26H54	000630-01-3	87



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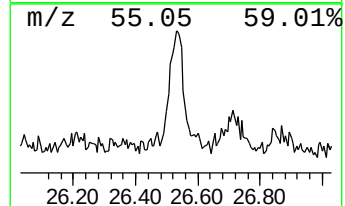
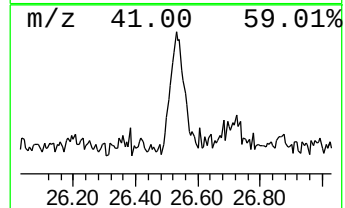
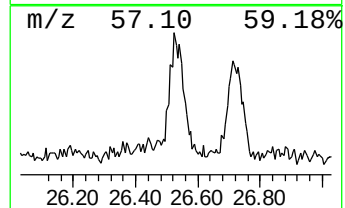
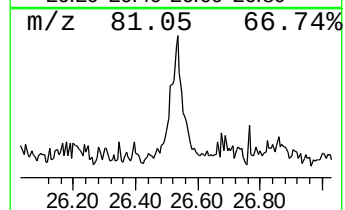
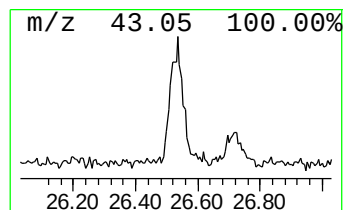
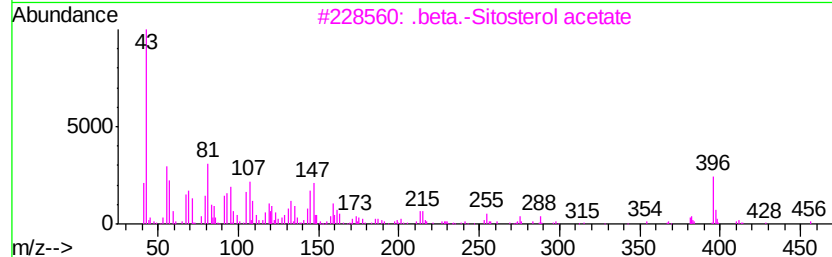
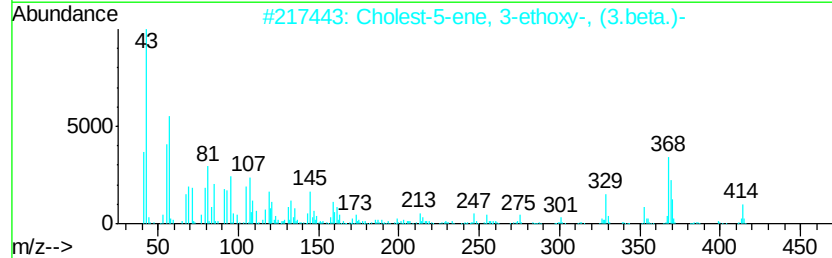
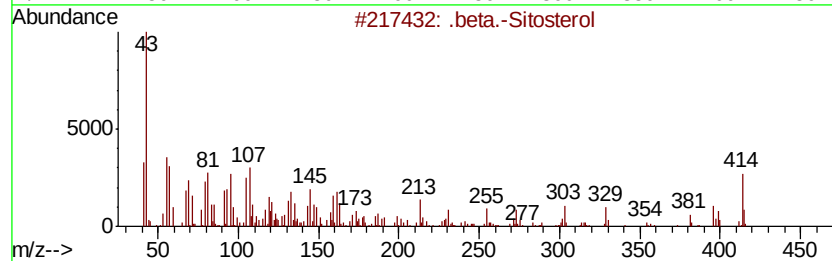
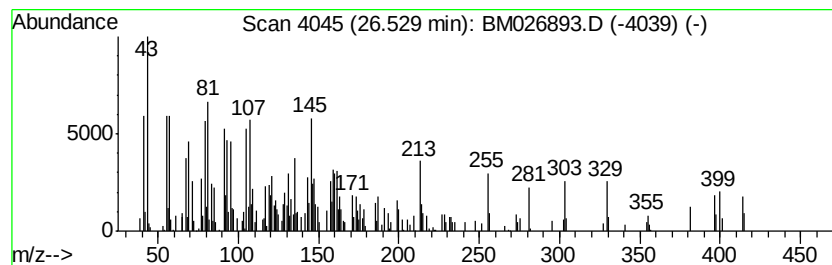
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Quant Title : SVOA CALIBRATION

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TIC Integration Parameters: LSCINT.P

Peak Number 5 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.53	4.79 ng/ul	281314	Perylene-d12	23.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	.beta.-Sitosterol	414	C29H50O	000083-46-5	47
2		Cholest-5-ene, 3-ethoxy-, (3.beta...	414	C29H50O	000986-19-6	43
3		.beta.-Sitosterol acetate	456	C31H52O2	000915-05-9	37
4		.beta.-Sitosterol	414	C29H50O	000083-46-5	30
5		Cholic acid, triacetate	534	C30H46O8	052840-09-2	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM072820\
Data File : BM026893.D
Acq On : 28 Jul 2020 16:30
Operator : JU/CG
Sample : L3388-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AD9

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
Butane, 2-methoxy...	2.98	83.0	ng/ul	2163510	1	7.67	521196	20.0
(DEL) Alkane: Str...	22.85	2.1	ng/ul	123739	6	23.47	1174860	20.0
(DEL) Alkane: Str...	24.07	2.9	ng/ul	170510	6	23.47	1174860	20.0
unknown-01	26.53	4.8	ng/ul	281314	6	23.47	1174860	20.0