

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081916\
 Data File : BM007205.D
 Acq On : 18 Aug 2016 15:15
 Operator : UM/SJ
 Sample : H4436-14
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA213

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 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:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.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	6.792	708	715	724	rBV3	22733	52156	1.13%	0.121%
2	6.969	737	745	759	rBV	350464	574225	12.49%	1.337%
3	7.139	767	774	781	rBV	271931	430600	9.37%	1.002%
4	7.339	802	808	814	rBV	357063	584648	12.72%	1.361%
5	7.804	879	887	898	rBV	903458	1432262	31.15%	3.334%
6	8.498	996	1005	1013	rBV	430025	720539	15.67%	1.677%
7	8.957	1076	1083	1095	rBV	330689	538696	11.72%	1.254%
8	9.063	1095	1101	1108	rBV2	48278	79872	1.74%	0.186%
9	9.675	1197	1205	1213	rBV	254325	434554	9.45%	1.012%
10	10.210	1289	1296	1309	rBV	432944	767609	16.70%	1.787%
11	10.586	1352	1360	1368	rBV	1158336	1946500	42.34%	4.531%
12	10.722	1375	1383	1397	rBV	251393	474666	10.32%	1.105%
13	11.416	1497	1501	1507	rVB2	32938	49294	1.07%	0.115%
14	13.839	1908	1913	1918	rBV	809407	1134718	24.68%	2.642%
15	13.886	1918	1921	1929	rVB	367069	505386	10.99%	1.177%
16	14.127	1949	1962	1977	rBV	849371	1343089	29.21%	3.127%
17	14.433	2007	2014	2024	rBV2	1650524	2527253	54.97%	5.883%
18	14.627	2041	2047	2059	rBV	276955	497838	10.83%	1.159%
19	15.427	2176	2183	2193	rVB	1203556	1729652	37.62%	4.027%
20	15.545	2197	2203	2211	rBV	226015	358328	7.79%	0.834%
21	16.939	2431	2440	2445	rBV3	23077	46486	1.01%	0.108%
22	17.174	2473	2480	2486	rBV2	2168471	3152708	68.57%	7.340%
23	17.274	2491	2497	2508	rVB	1373102	1968052	42.81%	4.582%
24	17.562	2539	2546	2558	rBV3	147927	302423	6.58%	0.704%
25	18.068	2628	2632	2641	rBV	135514	204629	4.45%	0.476%
26	18.145	2641	2645	2649	rVB	141111	184728	4.02%	0.430%
27	18.368	2679	2683	2688	rVB5	39329	56245	1.22%	0.131%
28	18.615	2718	2725	2731	rVB8	21339	46745	1.02%	0.109%
29	18.933	2774	2779	2788	rBV	319344	582373	12.67%	1.356%
30	19.068	2798	2802	2807	rVB5	42381	54889	1.19%	0.128%
31	19.233	2826	2830	2838	rVB	173999	245900	5.35%	0.572%
32	19.450	2863	2867	2873	rBV5	35000	61477	1.34%	0.143%
33	19.568	2881	2887	2902	rBV	1828939	2727429	59.32%	6.349%
34	19.950	2949	2952	2959	rVB8	50398	77581	1.69%	0.181%

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35	20.015	2959	2963	2965	rBV	61505	68810	1.50%	0.160%
36	20.097	2972	2977	2986	rVB4	177651	284425	6.19%	0.662%
37	20.180	2987	2991	2996	rBV7	38502	61874	1.35%	0.144%
38	20.445	3033	3036	3042	rVB2	48452	58643	1.28%	0.137%
39	20.550	3050	3054	3059	rVB	89564	123408	2.68%	0.287%
40	20.609	3061	3064	3068	rVB4	37012	47819	1.04%	0.111%
41	20.915	3113	3116	3120	rBV3	33642	46286	1.01%	0.108%
42	20.968	3122	3125	3128	rVV4	49105	63843	1.39%	0.149%
43	21.074	3139	3143	3151	rBV3	293202	494385	10.75%	1.151%
44	21.256	3170	3174	3175	rBV3	84691	95899	2.09%	0.223%
45	21.356	3185	3191	3196	rBV	3493640	4593784	99.92%	10.694%
46	21.509	3214	3217	3221	rBV3	54593	71005	1.54%	0.165%
47	21.680	3242	3246	3253	rBV	268527	400686	8.72%	0.933%
48	21.950	3289	3292	3304	rVB2	152368	301127	6.55%	0.701%
49	22.097	3314	3317	3323	rVB7	79091	104724	2.28%	0.244%
50	22.856	3442	3446	3453	rVB2	145856	238861	5.20%	0.556%
51	22.938	3456	3460	3465	rBV3	152499	295933	6.44%	0.689%
52	23.485	3547	3553	3566	rVB2	1464493	3009603	65.46%	7.006%
53	23.633	3570	3578	3591	rVB	2316280	4597539	100.00%	10.703%
54	24.168	3665	3669	3679	rVB2	179321	376545	8.19%	0.877%
55	24.932	3794	3799	3806	rBV2	149553	318923	6.94%	0.742%
56	25.821	3945	3950	3954	rBV3	138821	338631	7.37%	0.788%
57	26.103	3994	3998	4012	rVB9	175500	523930	11.40%	1.220%
58	26.732	4101	4105	4119	rVB9	169783	544797	11.85%	1.268%

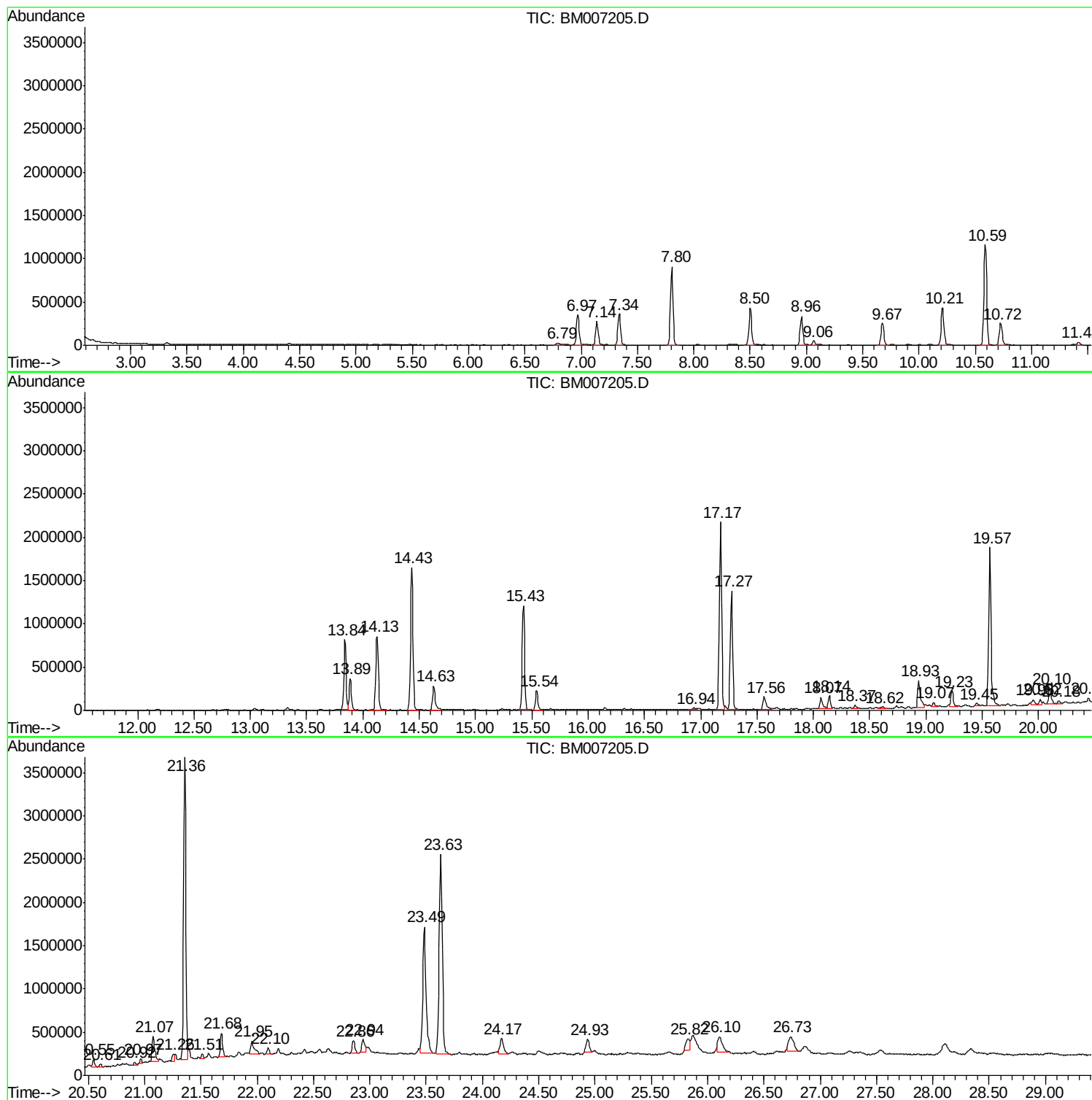
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
Quant Title : SVOA CALIBRATION

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



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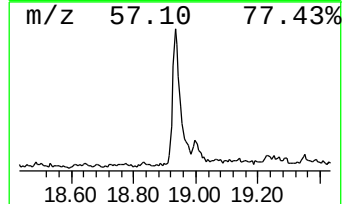
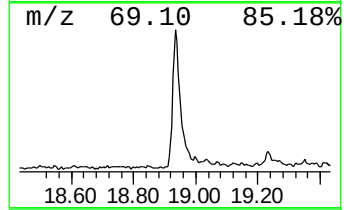
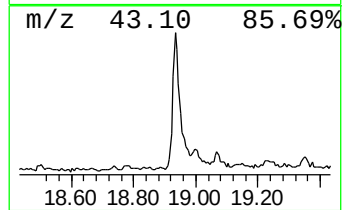
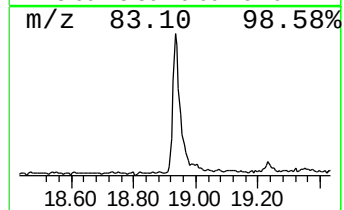
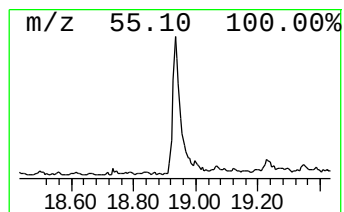
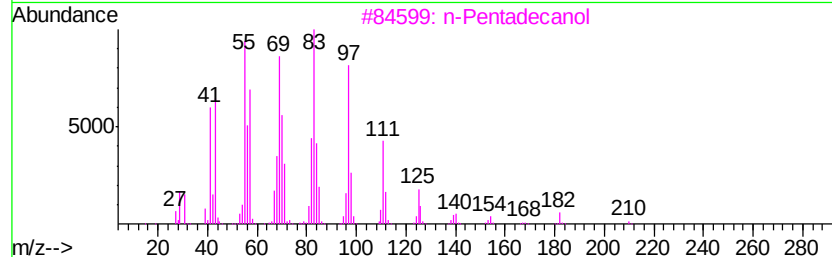
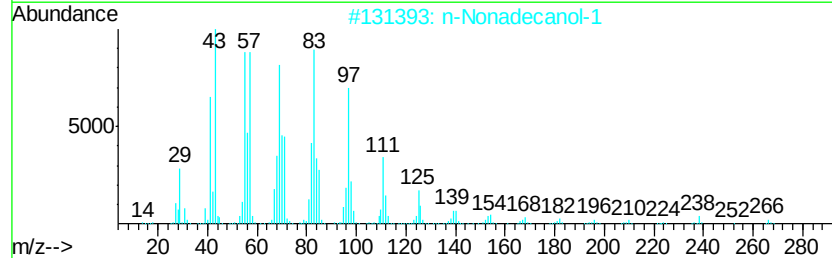
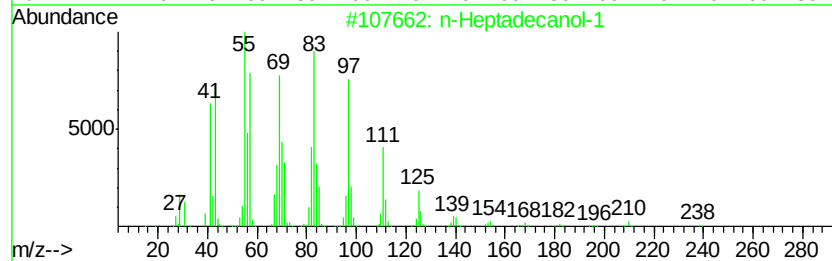
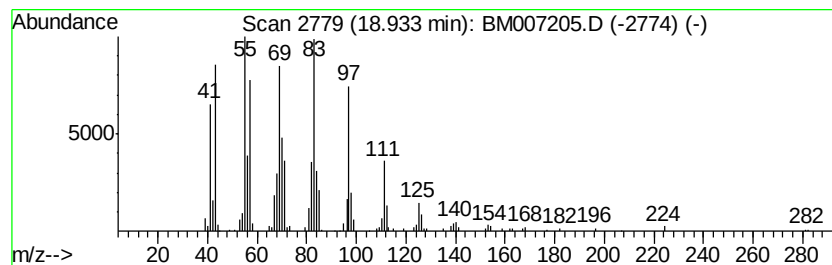
Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Heptadecanol-1 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.93	3.69 ng/ul	582373	Phenanthrene-d10	17.17
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		n-Heptadecanol-1	256 C17H36O	001454-85-9 95
2		n-Nonadecanol-1	284 C19H40O	001454-84-8 95
3		n-Pentadecanol	228 C15H32O	000629-76-5 94
4		Chloroacetic acid, pentadecyl ester	304 C17H33ClO2	070301-47-2 94
5		1-Hexadecanol	242 C16H34O	036653-82-4 91



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Instrument :
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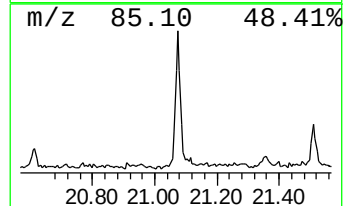
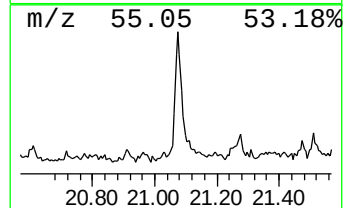
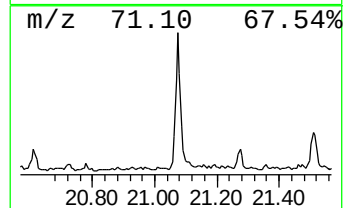
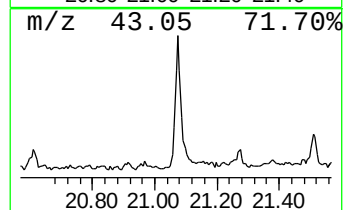
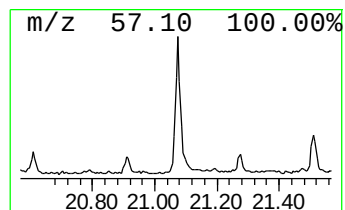
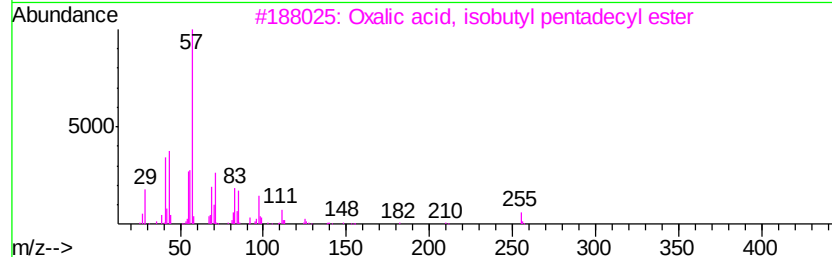
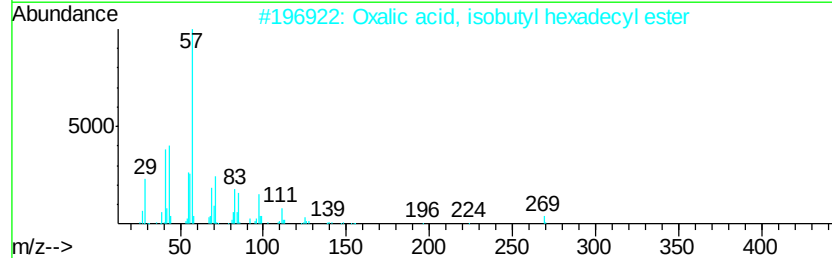
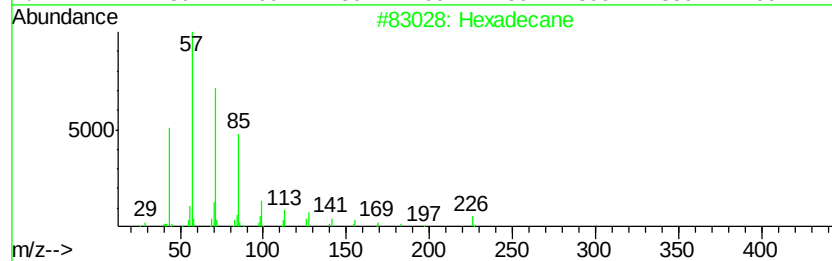
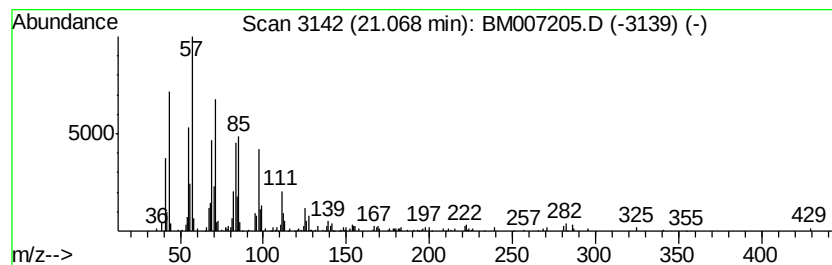
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.07	2.15 ng/ul	494385	Chrysene-d12	21.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	95
2		Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	91
3		Oxalic acid, isobutyl pentadecyl...	356	C21H40O4	1000309-38-0	91
4		Oxalic acid, isobutyl octadecyl ...	398	C24H46O4	1000309-38-3	91
5		Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	90



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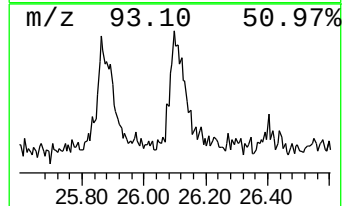
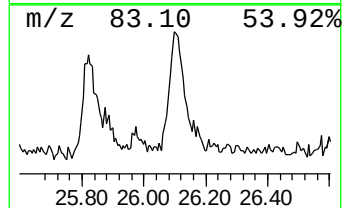
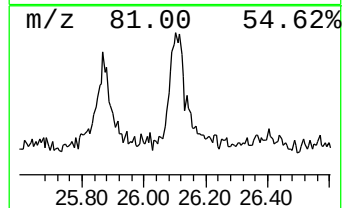
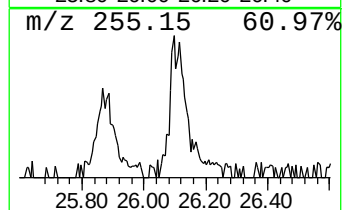
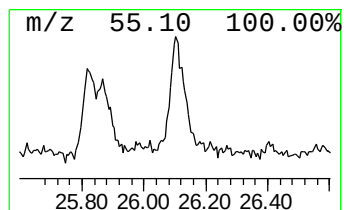
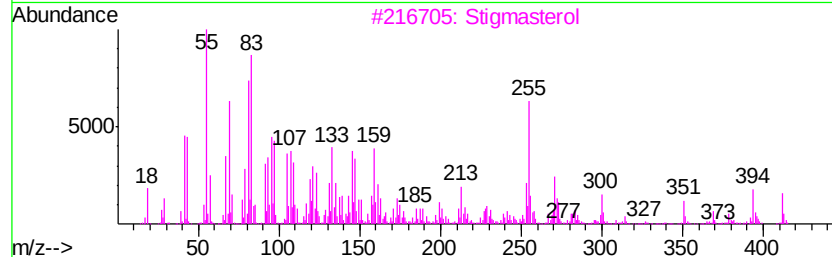
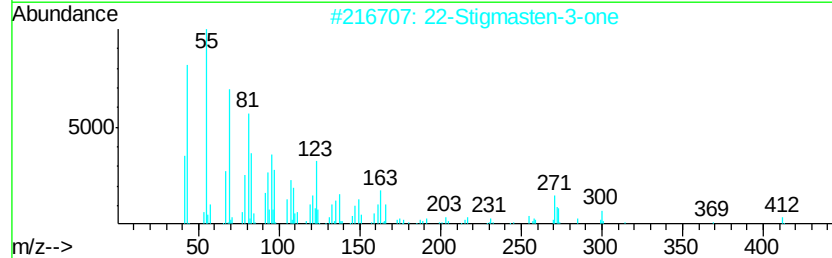
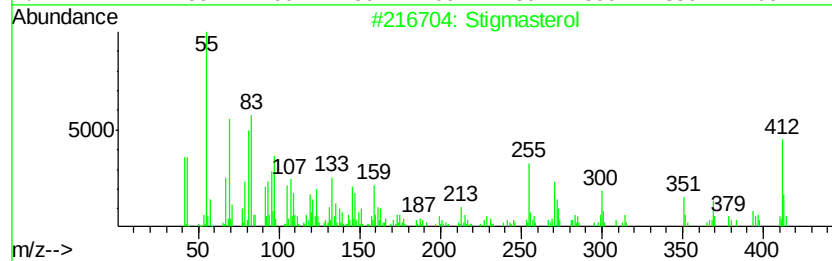
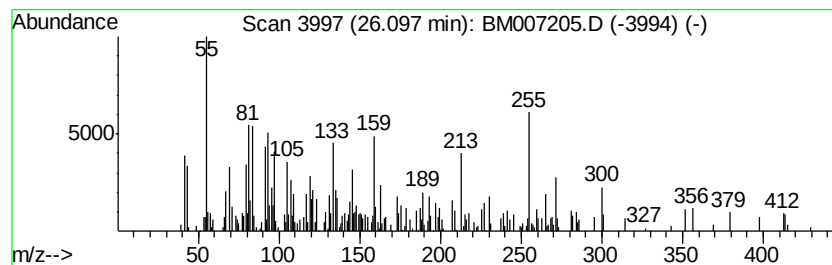
Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 Stigmasterol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.10	2.28 ng/ul	523930	Perylene-d12	23.63
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Stigmasterol	412	C29H48O	000083-48-7 87
2	22-Stigmasten-3-one	412	C29H48O	004736-95-2 66
3	Stigmasterol	412	C29H48O	000083-48-7 50
4	Stigmasterol	412	C29H48O	000083-48-7 50
5	Cholesta-22,24-dien-5-ol, 4,4-di...	412	C29H48O	1000128-66-1 43



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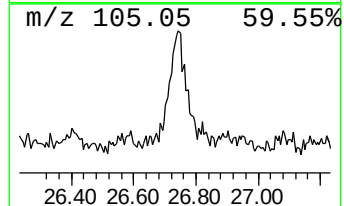
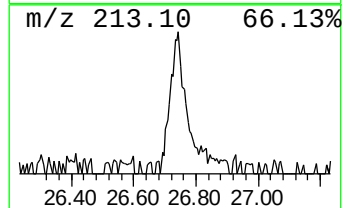
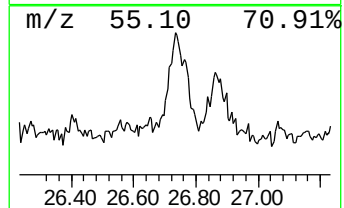
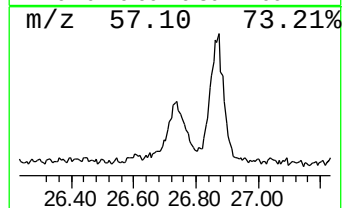
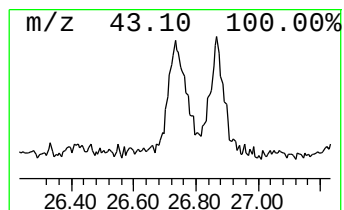
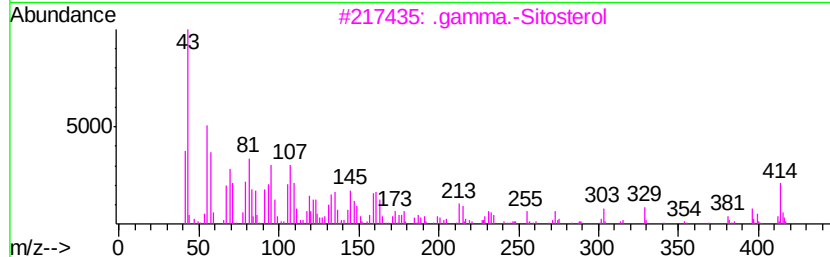
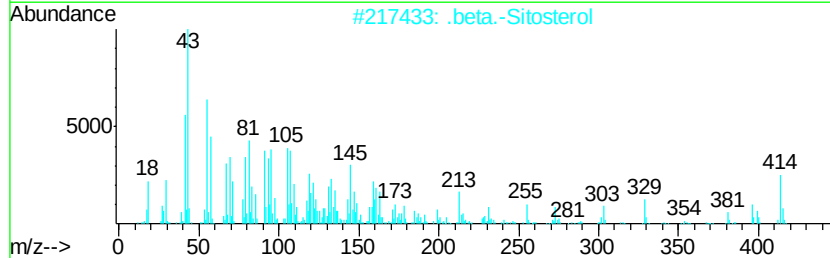
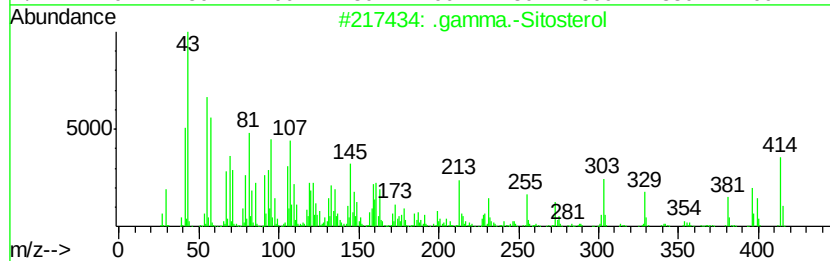
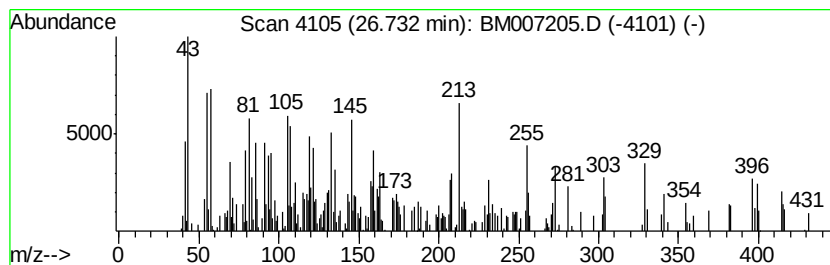
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ClientSampled :
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.73	2.37 ng/ul	544797	Perylene-d12	23.63
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		.gamma.-Sitosterol	414 C29H50O	000083-47-6 22
2		.beta.-Sitosterol	414 C29H50O	000083-46-5 22
3		.gamma.-Sitosterol	414 C29H50O	000083-47-6 18
4		.beta.-Sitosterol	414 C29H50O	000083-46-5 14
5		Cholest-7-en-3-ol, 4,4-dimethyl-...	414 C29H50O	006384-28-7 11



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Heptadecanol-1	18.93	3.7	ng/ul	582373	4	17.17	3152710	20.0
(DEL) Alkane: Str...	21.07	2.1	ng/ul	494385	5	21.36	4593780	20.0
Stigmasterol	26.10	2.3	ng/ul	523930	6	23.63	4597540	20.0
unknown-01	26.73	2.4	ng/ul	544797	6	23.63	4597540	20.0