

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042717\
 Data File : BM009758.D
 Acq On : 28 Apr 2017 01:53
 Operator : SJ/MA
 Sample : I2806-03
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JHSM2

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\SOM-EPA-BM042517.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	6.987	656	663	674	rBV	457847	754106	9.06%	1.322%
2	7.157	686	692	700	rVB	339049	514418	6.18%	0.902%
3	7.351	718	725	734	rVB	418182	667798	8.02%	1.171%
4	7.822	798	805	812	rBV	661878	1037837	12.46%	1.820%
5	8.522	918	924	932	rBV	525166	869558	10.44%	1.525%
6	8.986	997	1003	1012	rBV	433888	737901	8.86%	1.294%
7	9.704	1119	1125	1133	rVB2	362174	613680	7.37%	1.076%
8	10.239	1208	1216	1224	rBV	528155	890201	10.69%	1.561%
9	10.622	1273	1281	1288	rBV	909591	1543914	18.54%	2.707%
10	10.763	1299	1305	1315	rBV	359183	639011	7.67%	1.120%
11	13.874	1828	1834	1839	rBV	940430	1328201	15.95%	2.329%
12	13.921	1839	1842	1850	rVB	264252	347640	4.17%	0.609%
13	14.163	1876	1883	1890	rBV	1046523	1518083	18.23%	2.662%
14	14.468	1929	1935	1945	rVB2	1432101	2150027	25.82%	3.769%
15	14.674	1964	1970	1984	rBV	468925	777593	9.34%	1.363%
16	15.462	2098	2104	2111	rVB	1428870	1994655	23.95%	3.497%
17	15.592	2119	2126	2136	rBV	459277	650847	7.82%	1.141%
18	16.157	2217	2222	2229	rBV2	83681	162545	1.95%	0.285%
19	17.221	2396	2403	2410	rBV	1910780	2703610	32.47%	4.740%
20	17.315	2412	2419	2426	rVV	1592039	2227431	26.75%	3.905%
21	17.580	2458	2464	2475	rVB2	283507	414675	4.98%	0.727%
22	18.092	2545	2551	2556	rBV2	155131	238225	2.86%	0.418%
23	18.674	2646	2650	2655	rVB4	83744	116443	1.40%	0.204%
24	18.827	2672	2676	2683	rVB3	75263	106002	1.27%	0.186%
25	18.950	2693	2697	2704	rBV	202485	285144	3.42%	0.500%
26	19.609	2804	2809	2818	rVB	2000817	2789552	33.50%	4.891%
27	20.045	2880	2883	2888	rVB2	85243	107614	1.29%	0.189%
28	20.103	2889	2893	2895	rBV2	219773	278385	3.34%	0.488%
29	20.456	2949	2953	2957	rBV4	88773	133252	1.60%	0.234%
30	21.086	3055	3060	3067	rBV	5687051	6262839	75.21%	10.980%
31	21.397	3108	3113	3126	rBV	4158142	5891315	70.75%	10.329%
32	21.497	3127	3130	3133	rVB	336883	362983	4.36%	0.636%
33	21.986	3208	3213	3219	rBV	5757307	8327242	100.00%	14.599%
34	22.327	3265	3271	3282	rBV	1246873	2746056	32.98%	4.814%

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Integration Parameters: LSCINT.P

Integrator: RTE
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35	22.409	3283	3285	3293	rVB3	250443	410186	4.93%	0.719%
36	23.562	3475	3481	3489	rVB2	1093321	2148876	25.81%	3.767%
37	23.709	3500	3506	3515	rVB	1334127	2621672	31.48%	4.596%
38	26.844	4032	4039	4051	rVB7	545304	1668627	20.04%	2.925%

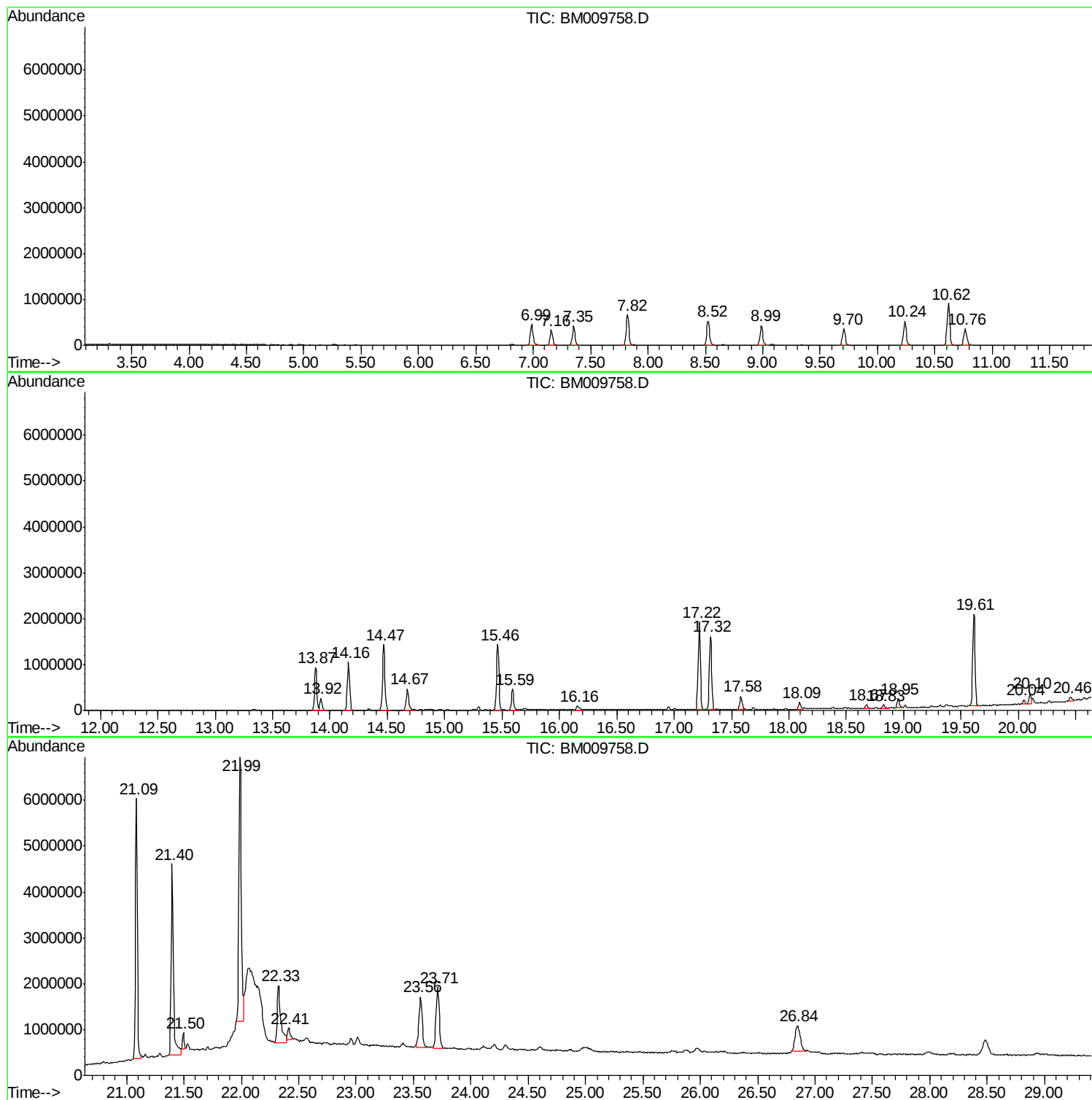
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Quant Title : SVOA CALIBRATION

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



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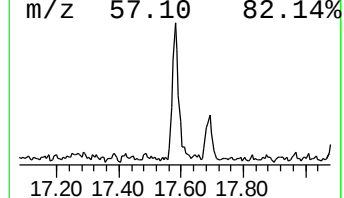
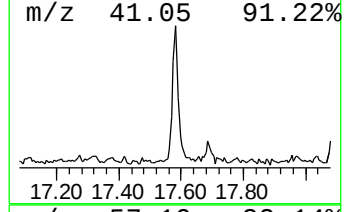
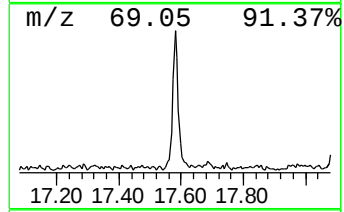
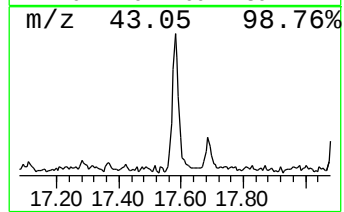
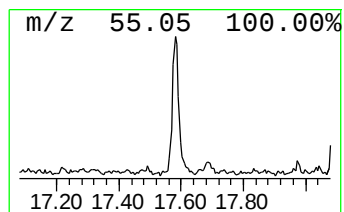
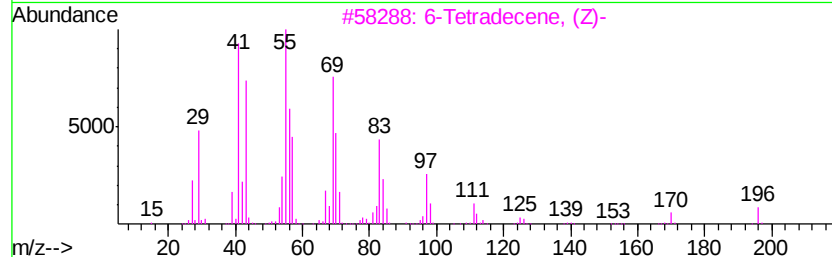
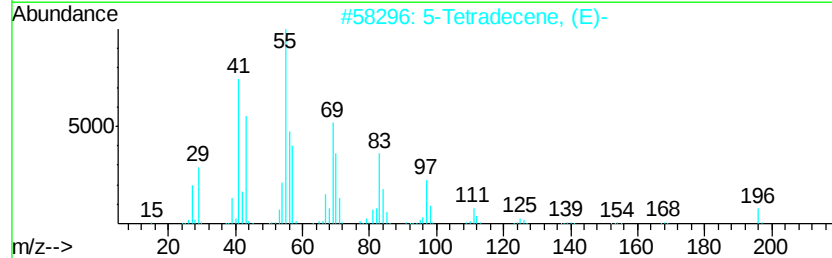
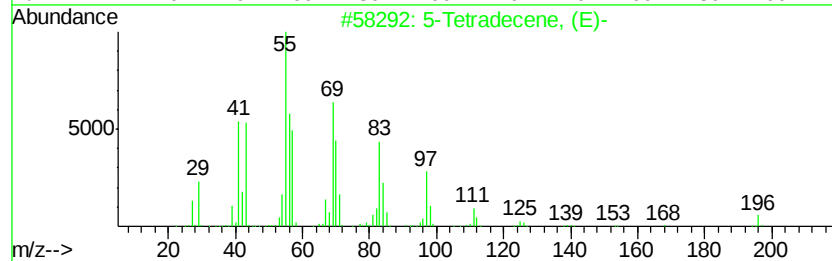
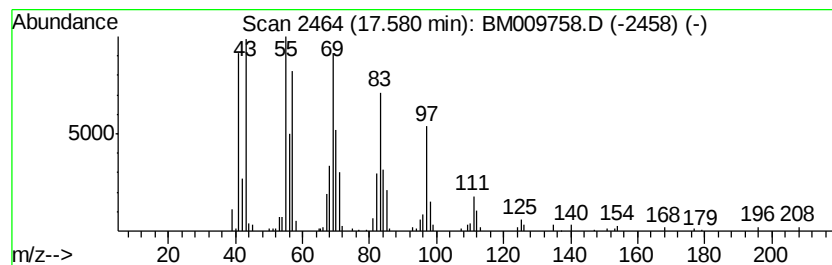
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 (DEL) Alkane: Cyclic17.58 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.58	3.07 ng/ul	414675	Phenanthrene-d10	17.22	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Tetradecene, (E)-	196	C14H28	041446-66-6	94
2	5-Tetradecene, (E)-	196	C14H28	041446-66-6	94
3	6-Tetradecene, (Z)-	196	C14H28	041446-61-1	93
4	5-Octadecene, (E)-	252	C18H36	007206-21-5	91
5	1-Hexadecanol	242	C16H34O	036653-82-4	91



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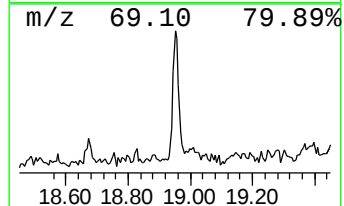
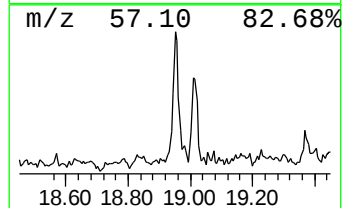
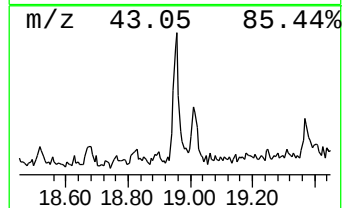
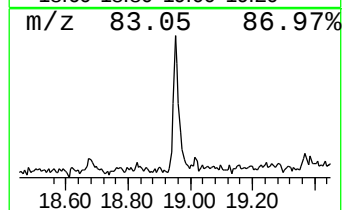
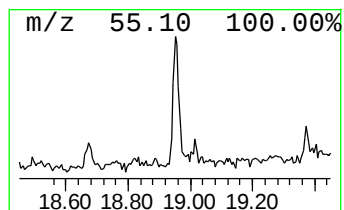
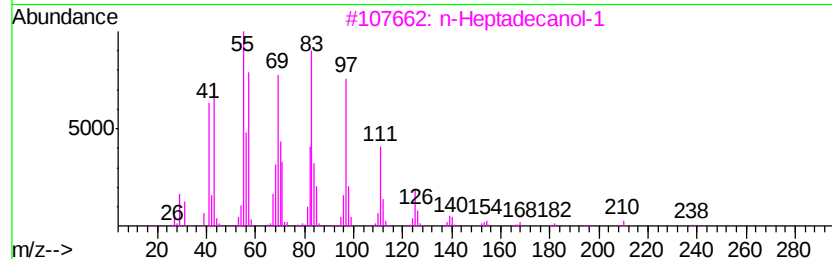
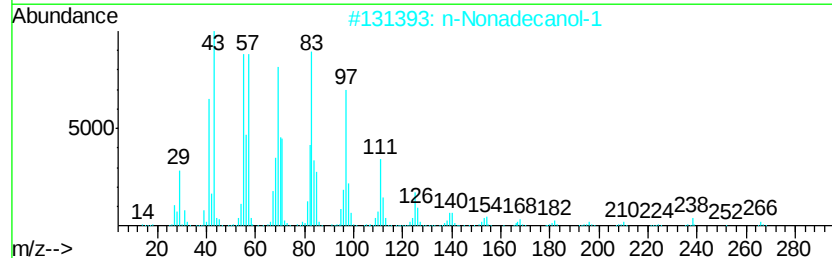
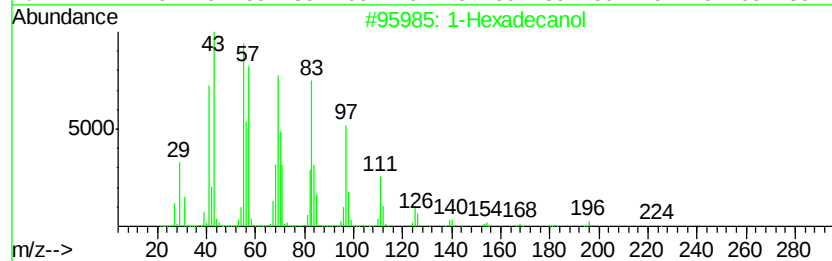
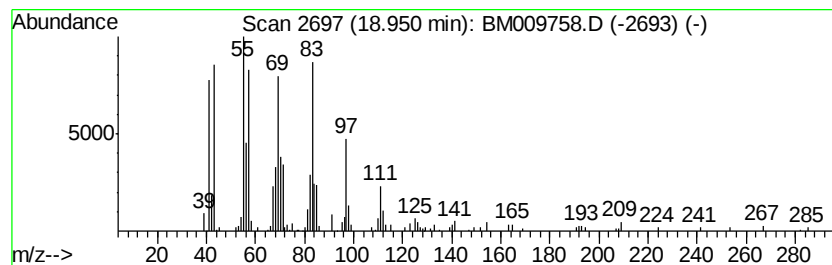
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Peak Number 2 1-Hexadecanol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.		
18.95	2.11 ng/ul	285144	Phenanthrene-d10		17.22		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Hexadecanol	242	C16H34O	036653-82-4	91
2			n-Nonadecanol-1	284	C19H40O	001454-84-8	91
3			n-Heptadecanol-1	256	C17H36O	001454-85-9	91
4			1-Hexadecanol	242	C16H34O	036653-82-4	91
5			Cyclohexadecane	224	C16H32	000295-65-8	91



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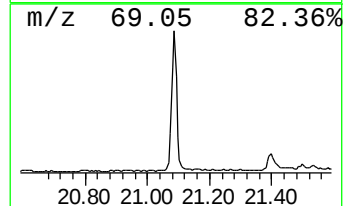
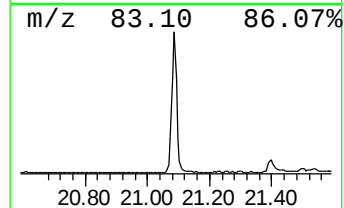
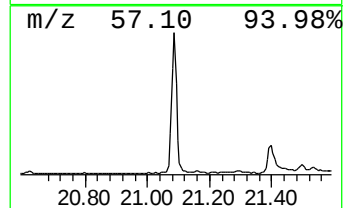
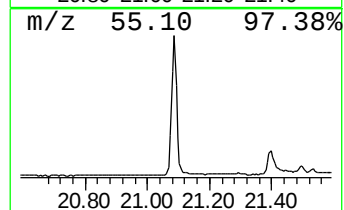
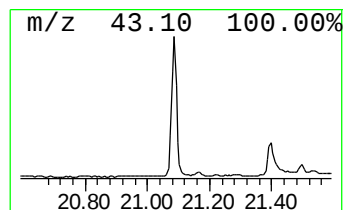
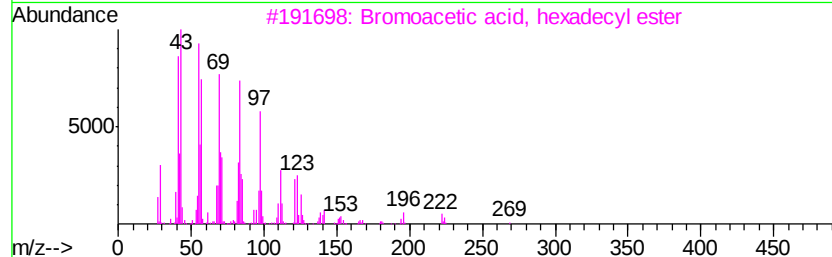
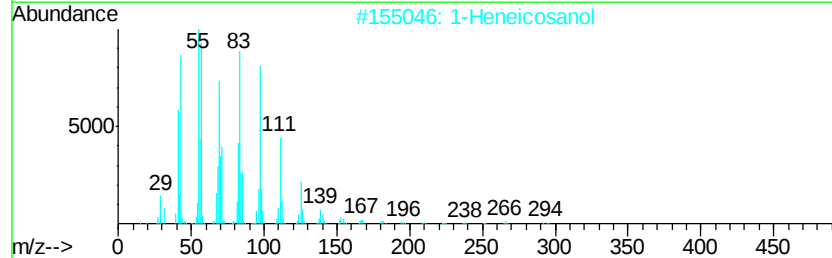
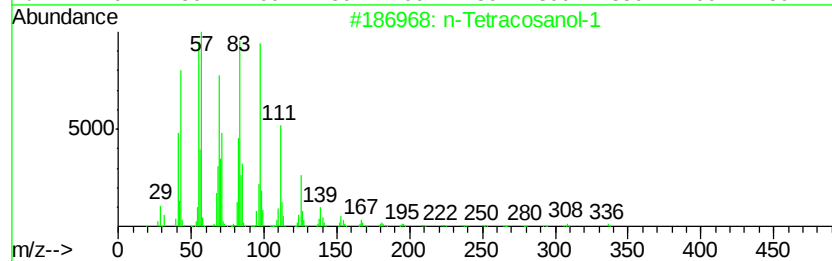
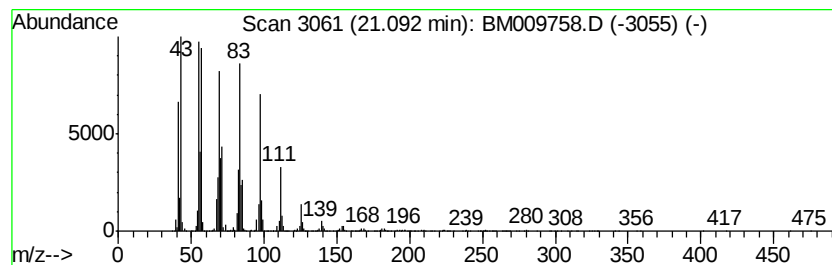
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 n-Tetracosanol-1 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.09	21.26 ng/ul	6262840	Chrysene-d12	21.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
2		1-Heneicosanol	312	C21H44O	015594-90-8	94
3		Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	91
4		Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	91
5		1-Nonadecene	266	C19H38	018435-45-5	91



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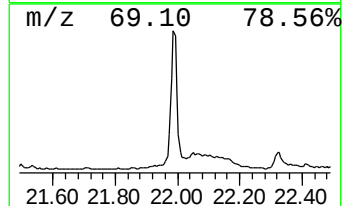
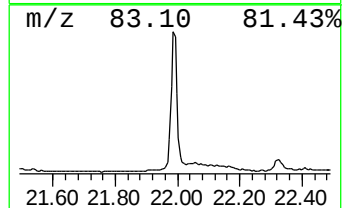
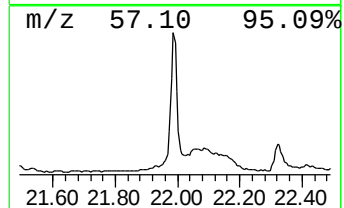
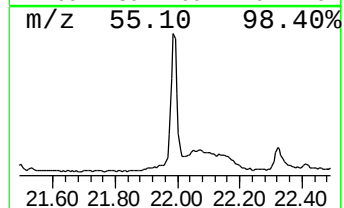
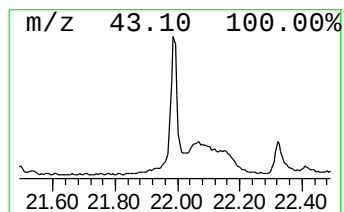
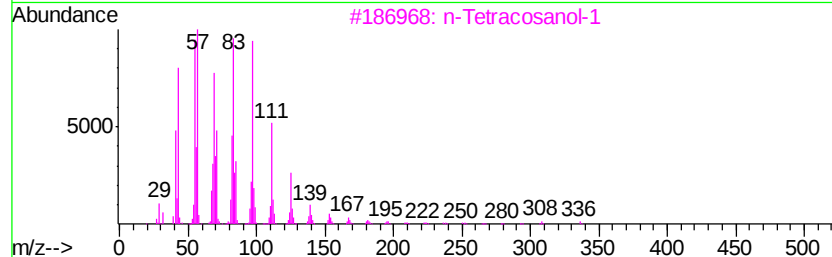
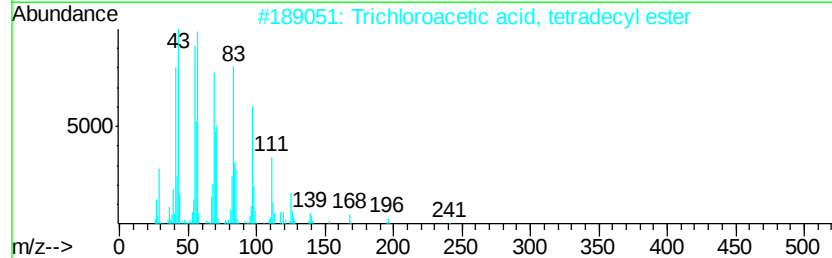
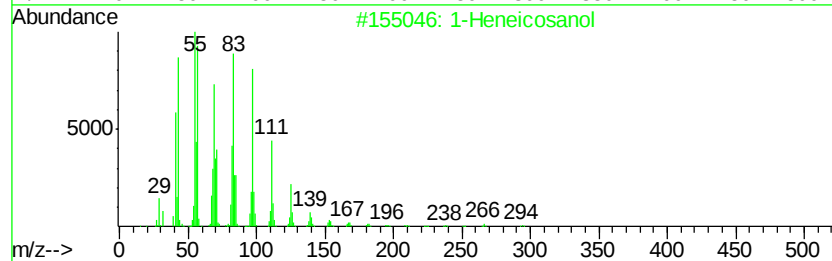
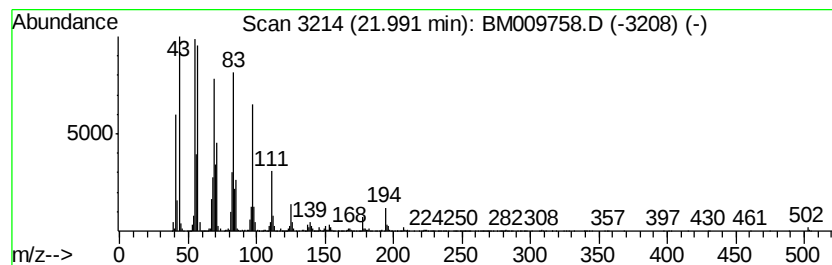
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Peak Number 4 1-Heneicosanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.99	28.27 ng/ul	8327240	Chrysene-d12	21.40
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Heneicosanol		312 C21H44O	015594-90-8 94
2	Trichloroacetic acid, tetradecyl...		358 C16H29Cl3O2	074339-52-9 91
3	n-Tetracosanol-1		354 C24H50O	000506-51-4 91
4	1-Heptacosanol		396 C27H56O	002004-39-9 91
5	Behenic alcohol		326 C22H46O	000661-19-8 91



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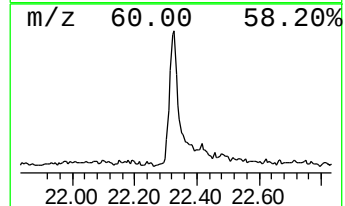
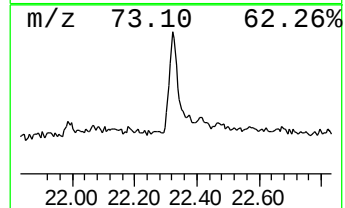
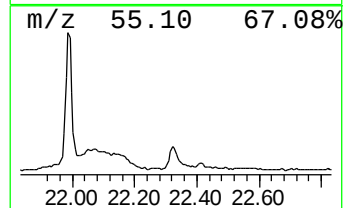
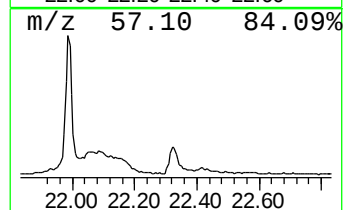
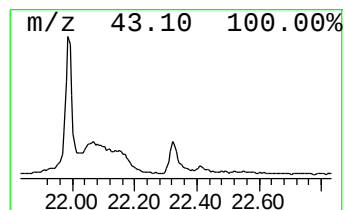
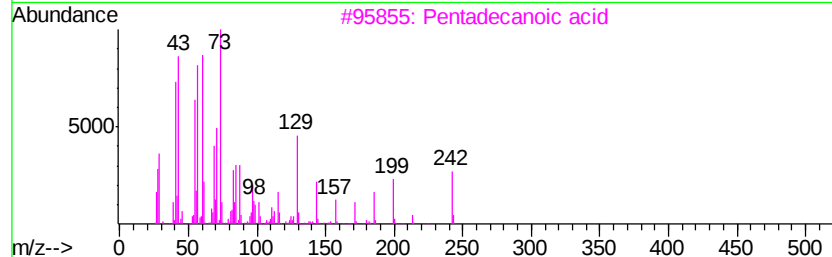
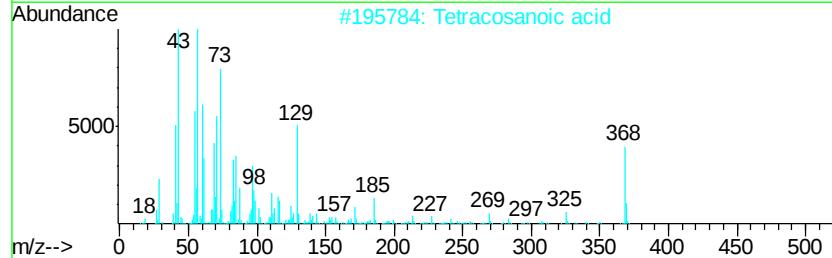
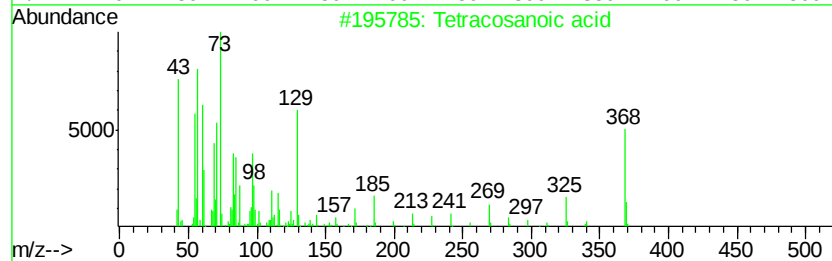
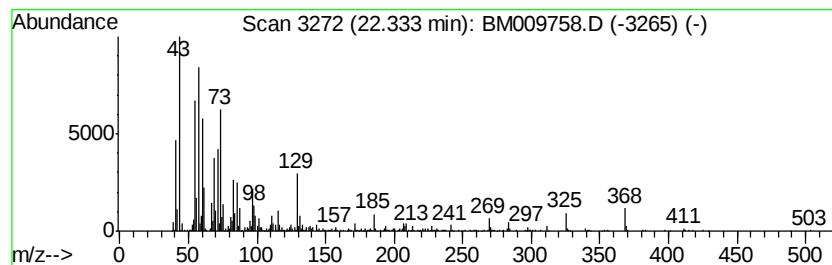
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Peak Number 5 Tetracosanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.33	9.32 ng/ul	2746060	Chrysene-d12	21.40

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetracosanoic acid	368	C24H48O2	000557-59-5	95
2		Tetracosanoic acid	368	C24H48O2	000557-59-5	60
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	59
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	50
5		Octadecanoic acid	284	C18H36O2	000057-11-4	49



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ClientSampleId :
JHSM2

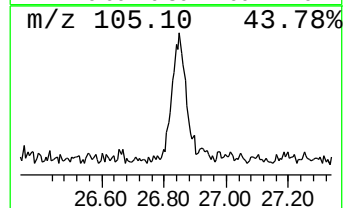
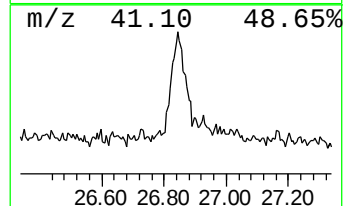
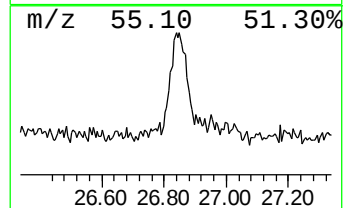
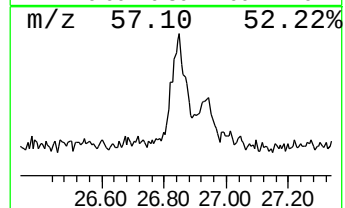
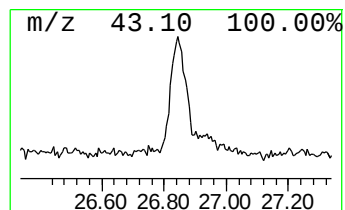
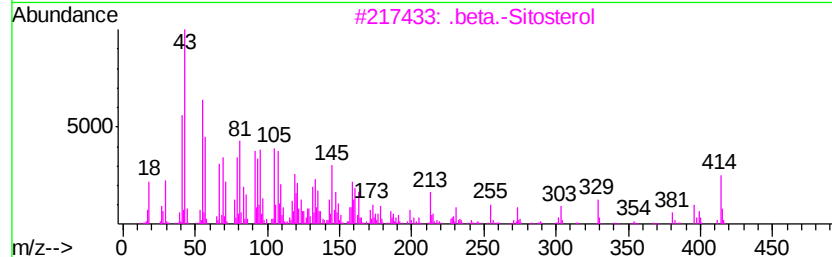
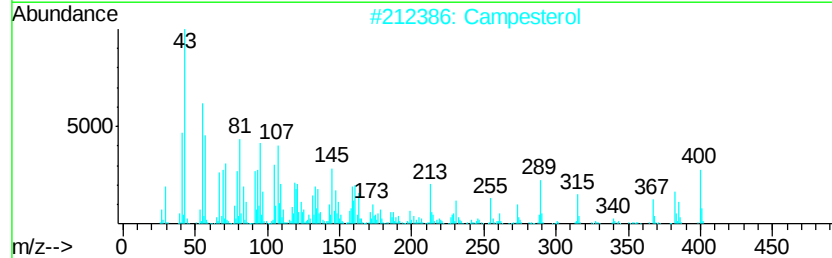
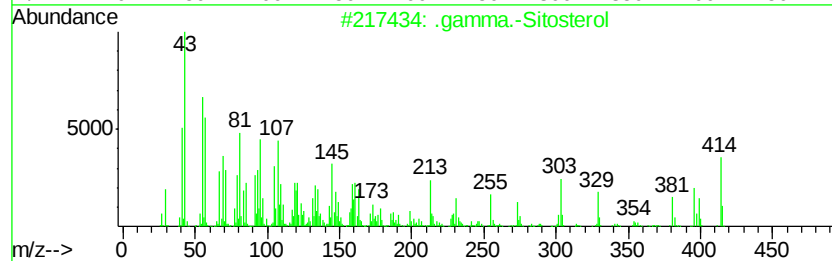
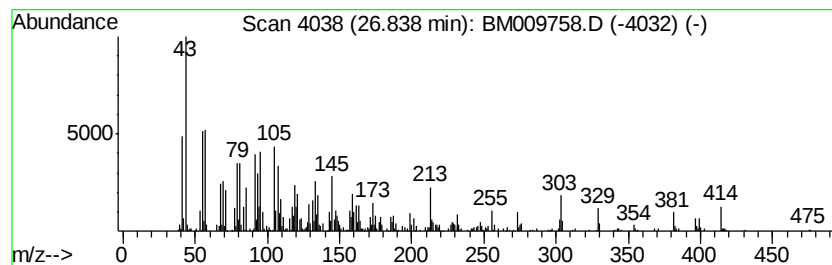
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 .gamma.-Sitosterol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.84	12.73 ng/ul	1668630	Perylene-d12	23.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	.gamma.-Sitosterol	414	C29H50O	000083-47-6	98
2		Campesterol	400	C28H48O	000474-62-4	64
3		.beta.-Sitosterol	414	C29H50O	000083-46-5	58
4		.gamma.-Sitosterol	414	C29H50O	000083-47-6	52
5		.beta.-Sitosterol	414	C29H50O	000083-46-5	50



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042717\
Data File : BM009758.D
Acq On : 28 Apr 2017 01:53
Operator : SJ/MA
Sample : I2806-03
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JHSM2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.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
(DEL) Alkane: Cyc...	17.58	3.1	ng/ul	414675	4	17.22	2703610	20.0
1-Hexadecanol	18.95	2.1	ng/ul	285144	4	17.22	2703610	20.0
n-Tetracosanol-1	21.09	21.3	ng/ul	6262840	5	21.40	5891320	20.0
1-Heneicosanol	21.99	28.3	ng/ul	8327240	5	21.40	5891320	20.0
Tetracosanoic acid	22.33	9.3	ng/ul	2746060	5	21.40	5891320	20.0
.gamma.-Sitosterol	26.84	12.7	ng/ul	1668630	6	23.71	2621670	20.0