

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051116\
 Data File : BM005389.D
 Acq On : 11 May 2016 16:25
 Operator : UM/SJ
 Sample : H2834-13
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 H4061

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-BM050516.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	6.928	716	721	735	rBV	232807	386280	17.79%	1.531%
2	7.092	743	749	761	rBV	202605	307252	14.15%	1.218%
3	7.292	777	783	798	rVB	246806	391799	18.04%	1.553%
4	7.757	855	862	873	rBV	331697	533422	24.57%	2.114%
5	8.463	976	982	993	rBV	324300	515702	23.75%	2.044%
6	8.916	1053	1059	1073	rBV	248874	407561	18.77%	1.615%
7	9.633	1175	1181	1193	rVB	212256	353367	16.27%	1.400%
8	10.169	1266	1272	1288	rBV	332906	562112	25.89%	2.228%
9	10.545	1329	1336	1349	rBV	528033	893679	41.16%	3.542%
10	10.686	1354	1360	1379	rBV	229293	410879	18.92%	1.628%
11	13.810	1885	1891	1895	rBV	723227	1017746	46.87%	4.033%
12	13.857	1895	1899	1906	rVB	261173	364527	16.79%	1.445%
13	14.092	1932	1939	1955	rBV	785110	1160299	53.43%	4.598%
14	14.292	1968	1973	1978	rBV	31816	39812	1.83%	0.158%
15	14.404	1985	1992	2000	rVB2	854918	1357919	62.54%	5.381%
16	14.610	2022	2027	2044	rBV	173859	318116	14.65%	1.261%
17	15.245	2130	2135	2140	rVB	54946	68023	3.13%	0.270%
18	15.398	2154	2161	2170	rVB	1039707	1549534	71.36%	6.141%
19	15.521	2177	2182	2195	rVB	259835	371457	17.11%	1.472%
20	15.639	2195	2202	2209	rBV3	21285	48786	2.25%	0.193%
21	16.110	2277	2282	2290	rBV2	72169	137994	6.35%	0.547%
22	16.904	2412	2417	2420	rBV	53307	67282	3.10%	0.267%
23	16.951	2420	2425	2429	rVB3	15869	27086	1.25%	0.107%
24	17.151	2452	2459	2465	rBV2	1179451	1735394	79.92%	6.877%
25	17.251	2469	2476	2485	rVB2	1131164	1724101	79.40%	6.833%
26	17.527	2519	2523	2533	rVV2	29411	47909	2.21%	0.190%
27	17.639	2537	2542	2548	rBV	32521	38436	1.77%	0.152%
28	18.039	2605	2610	2616	rBV	47725	68044	3.13%	0.270%
29	19.180	2800	2804	2807	rBV	15970	21939	1.01%	0.087%
30	19.550	2860	2867	2877	rBV	1532423	2171431	100.00%	8.605%
31	21.044	3114	3121	3132	rBV	168646	236369	10.89%	0.937%
32	21.344	3166	3172	3182	rBV	1568442	2094927	96.48%	8.302%
33	21.486	3192	3196	3200	rVB	20905	25526	1.18%	0.101%
34	21.921	3265	3270	3280	rBV2	284136	465469	21.44%	1.845%

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35	22.386	3344	3349	3353	rBV	50744	71788	3.31%	0.284%
36	22.433	3355	3357	3365	rVB4	18454	24520	1.13%	0.097%
37	22.621	3384	3389	3400	rBV	81503	112351	5.17%	0.445%
38	22.897	3430	3436	3441	rBV	533149	783839	36.10%	3.106%
39	22.944	3441	3444	3458	rVB2	113291	199928	9.21%	0.792%
40	23.468	3526	3533	3540	rBV2	860178	1654268	76.18%	6.556%
41	23.533	3541	3544	3549	rVV5	25166	38776	1.79%	0.154%
42	23.615	3550	3558	3570	rVB2	828521	1614615	74.36%	6.399%
43	23.785	3582	3587	3594	rVB3	38329	67211	3.10%	0.266%
44	24.115	3637	3643	3652	rBV	119139	227931	10.50%	0.903%
45	24.209	3653	3659	3668	rVV3	38865	88198	4.06%	0.350%
46	24.862	3765	3770	3780	rBV	41101	103795	4.78%	0.411%
47	25.321	3845	3848	3855	rVB4	21099	39713	1.83%	0.157%
48	25.744	3913	3920	3927	rBV3	33064	78686	3.62%	0.312%
49	26.674	4070	4078	4088	rBV7	68229	207596	9.56%	0.823%

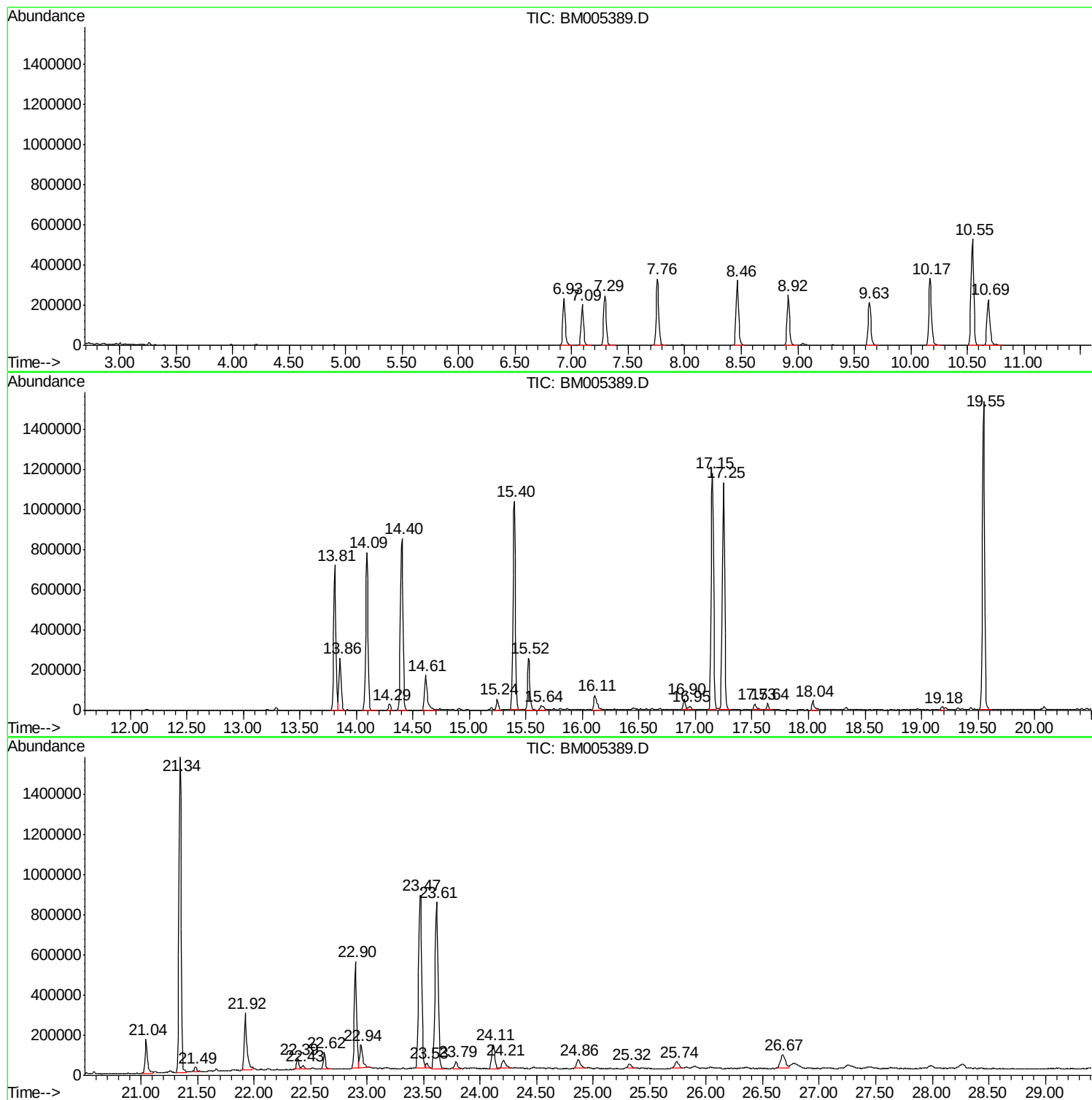
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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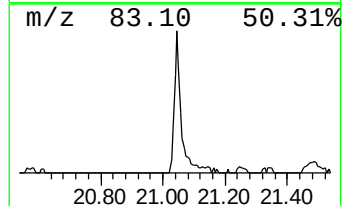
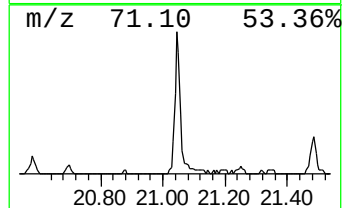
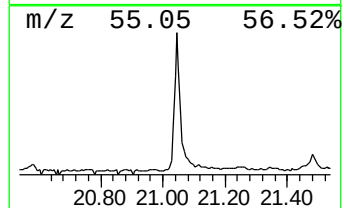
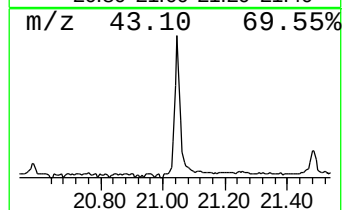
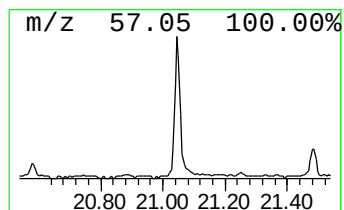
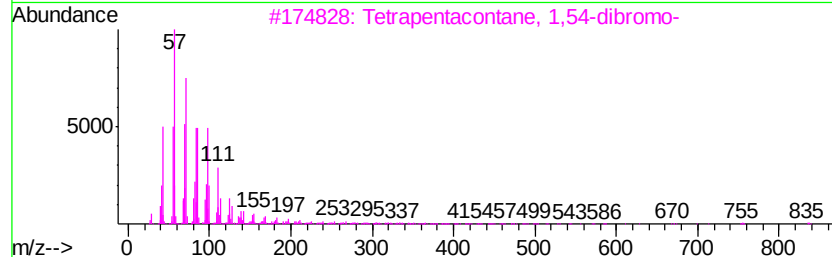
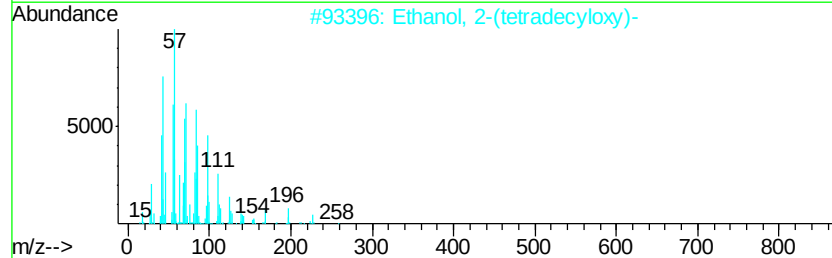
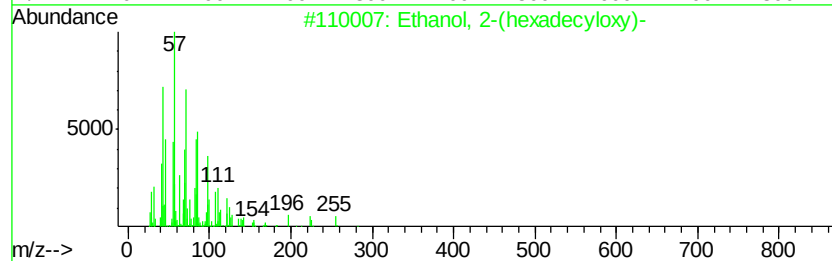
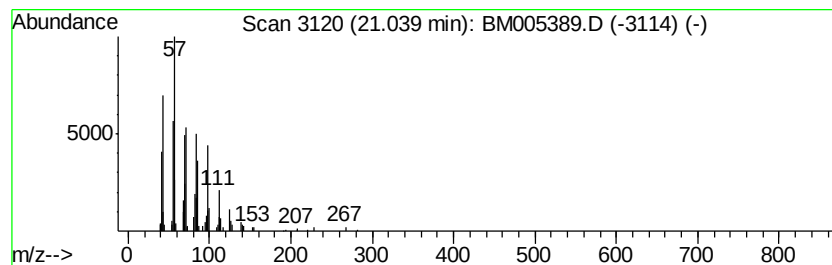
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Ethanol, 2-(hexadecyloxy)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.		
21.04	2.26 ng/ul	236369	Chrysene-d12	21.34		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Ethanol, 2-(hexadecyloxy)-	286	C18H38O2	002136-71-2	91
2		Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	87
3		Tetrapentacontane, 1,54-dibromo-	915	C54H108Br2	1000156-09-4	80
4		Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	76
5		1-Octadecanol	270	C18H38O	000112-92-5	70



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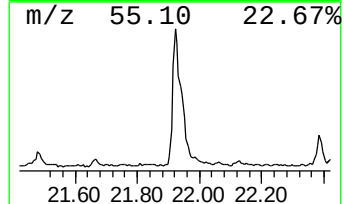
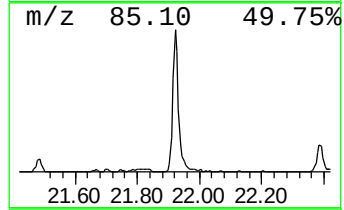
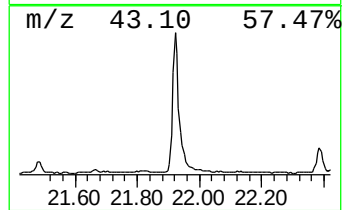
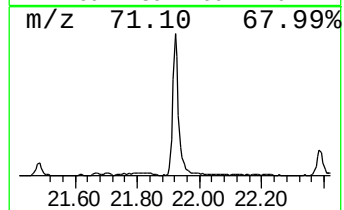
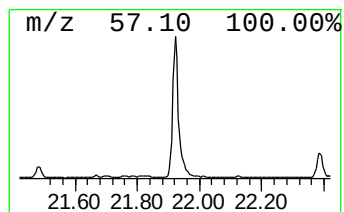
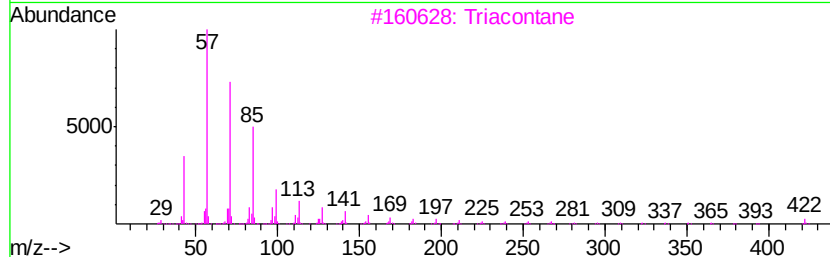
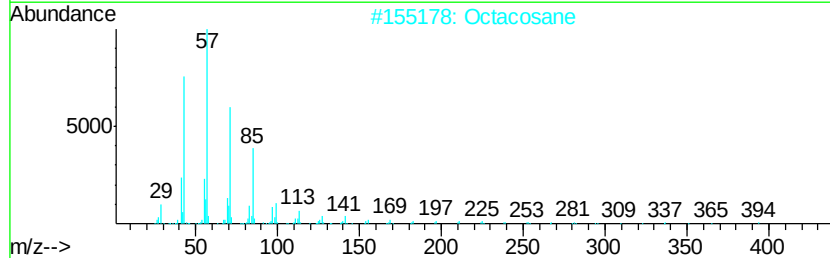
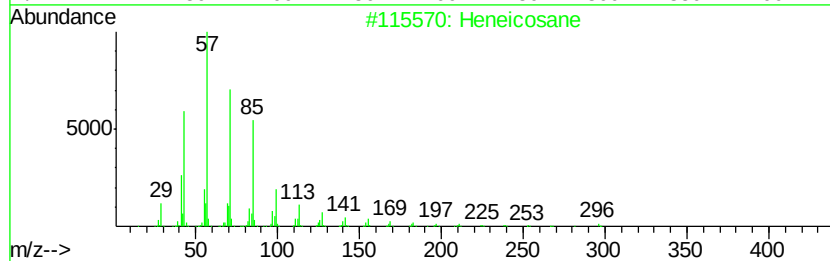
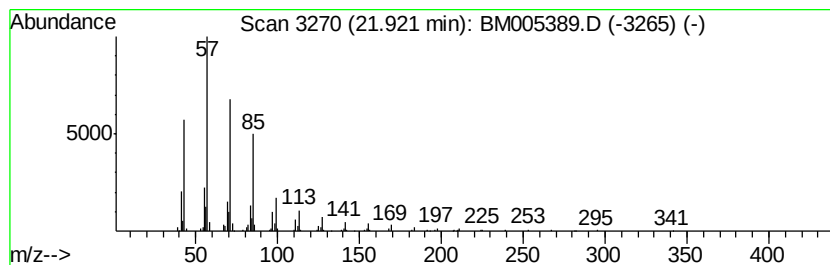
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Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.92	4.44 ng/ul	465469	Chrysene-d12	21.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Octacosane	394	C28H58	000630-02-4	91
3		triacontane	422	C30H62	000638-68-6	91
4		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
5		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91



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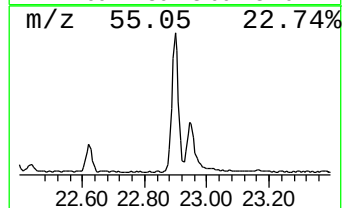
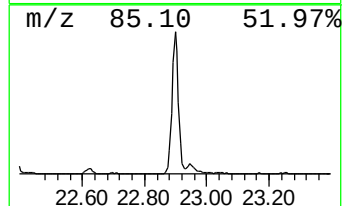
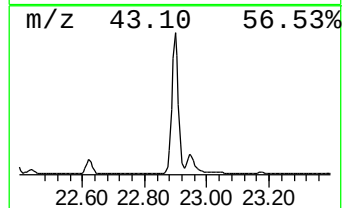
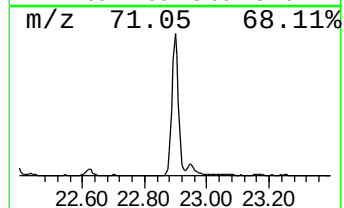
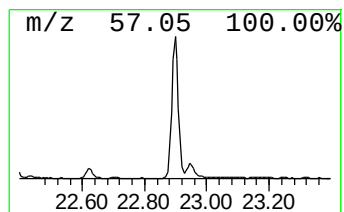
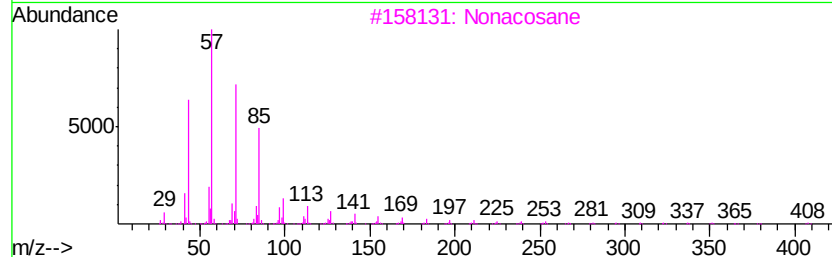
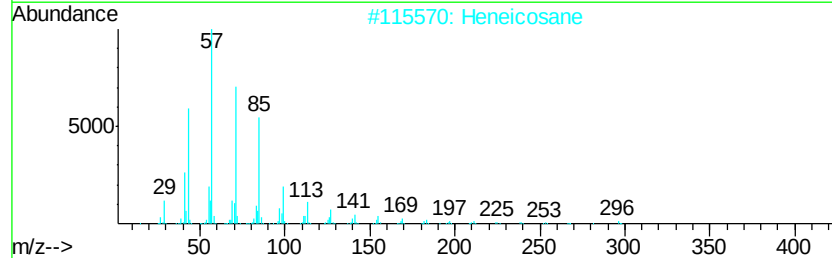
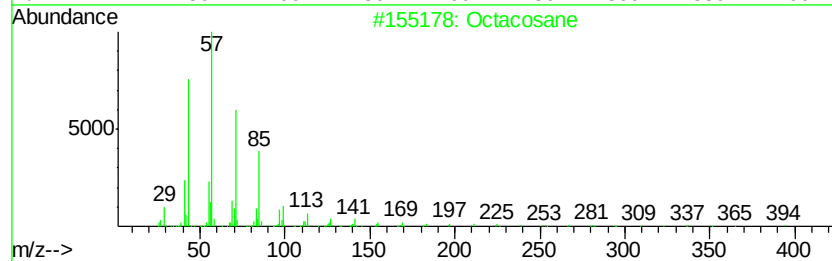
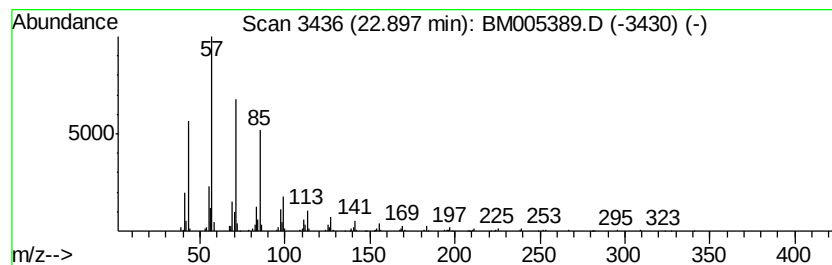
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.90	9.71 ng/ul	783839	Perylene-d12	23.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Nonacosane	408	C29H60	000630-03-5	91
4		Heptacosane	380	C27H56	000593-49-7	91
5		Octacosane	394	C28H58	000630-02-4	91



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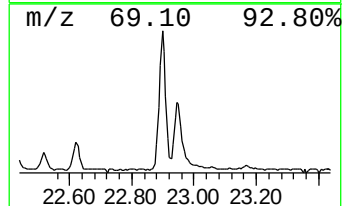
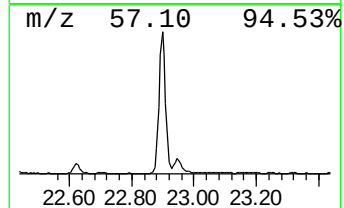
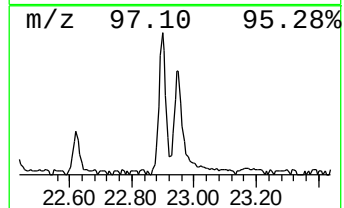
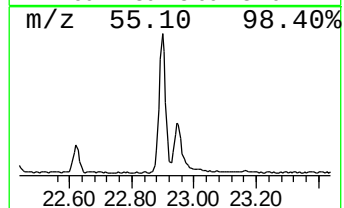
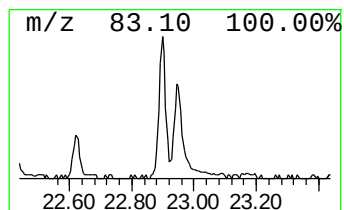
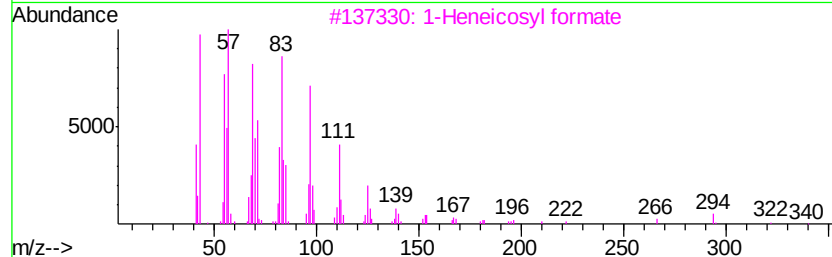
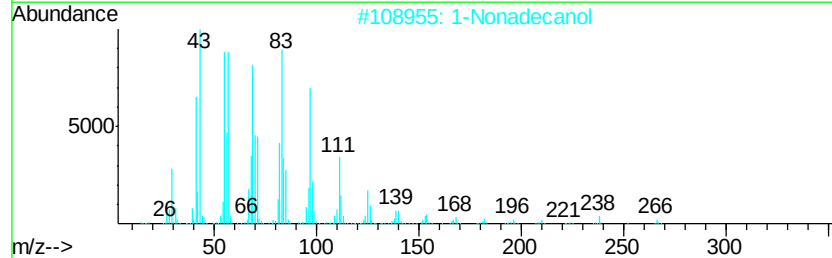
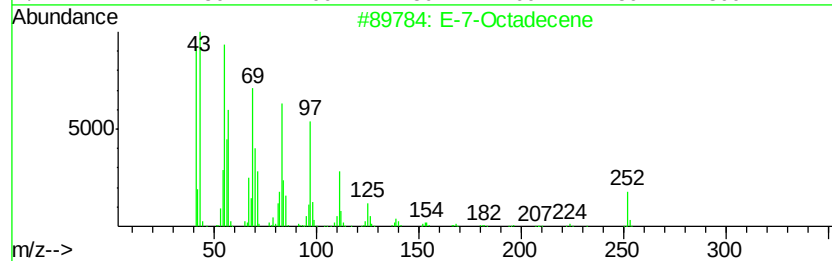
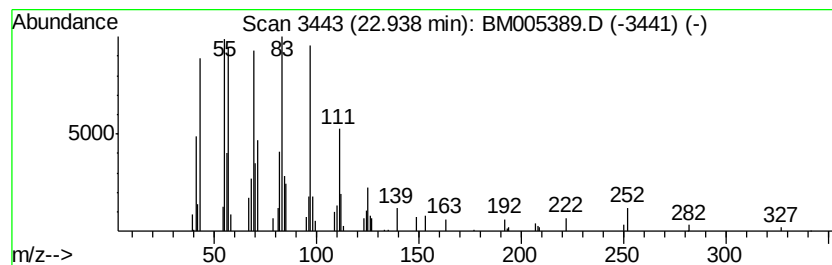
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Peak Number 4 (DEL) Alkane: Cyclic-22.94 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
22.94	2.48 ng/ul	199928	Perylene-d12	23.61	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	E-7-Octadecene	252	C18H36	1000130-92-0	91
2	1-Nonadecanol	284	C19H40O	001454-84-8	81
3	1-Heneicosyl formate	340	C22H44O2	077899-03-7	81
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	76
5	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	74



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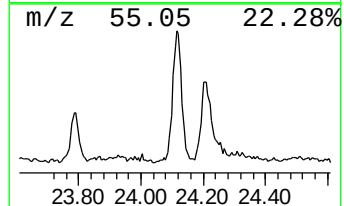
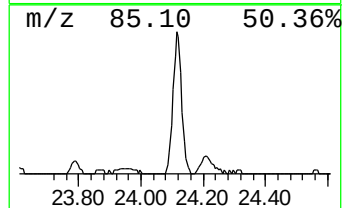
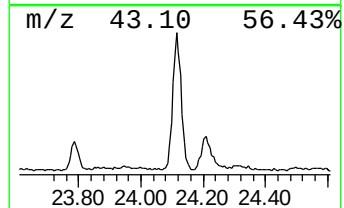
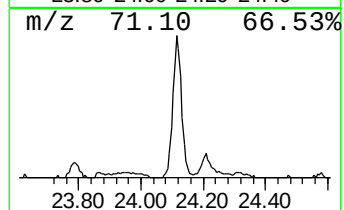
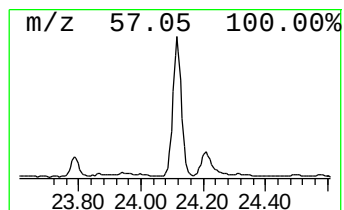
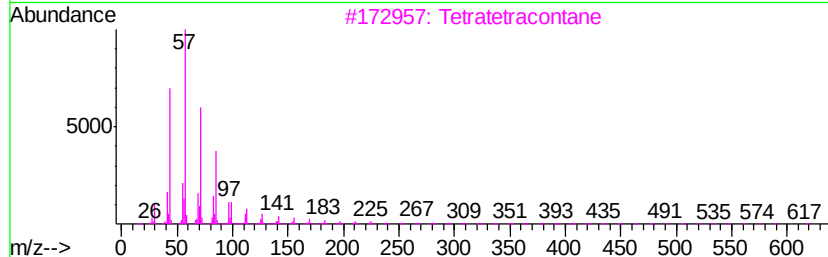
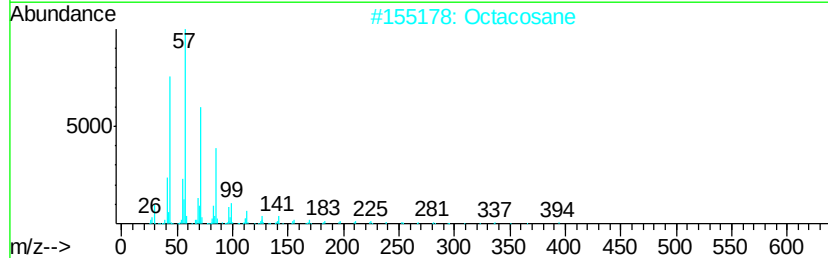
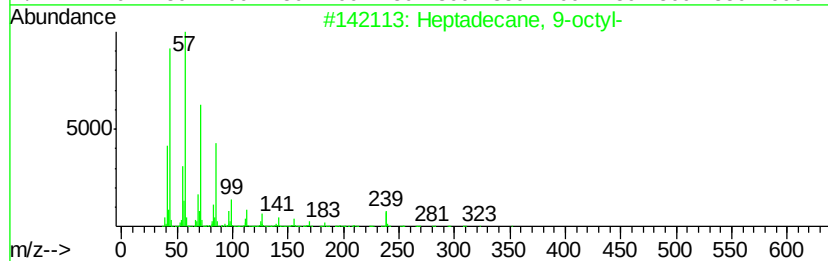
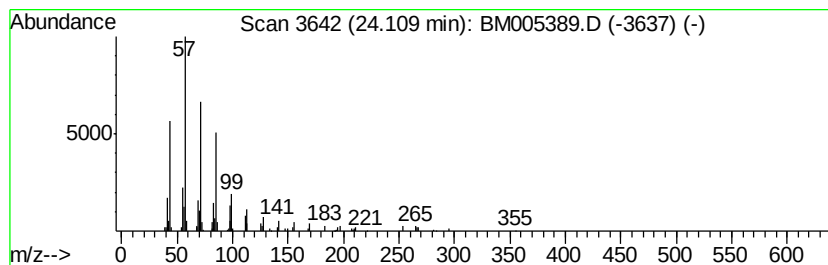
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.11	2.82 ng/ul	227931	Perylene-d12	23.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
2		Octacosane	394	C28H58	000630-02-4	90
3		Tetratetracontane	619	C44H90	007098-22-8	90
4		triacontane	422	C30H62	000638-68-6	90
5		Nonacosane	408	C29H60	000630-03-5	90



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051116\
Data File : BM005389.D
Acq On : 11 May 2016 16:25
Operator : UM/SJ
Sample : H2834-13
Misc :
ALS Vial : 30 Sample Multiplier: 1

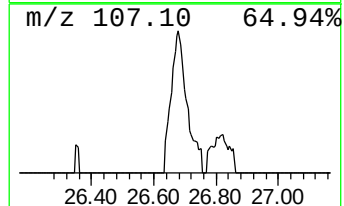
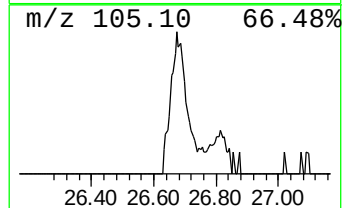
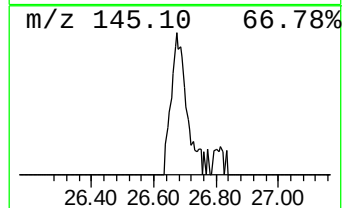
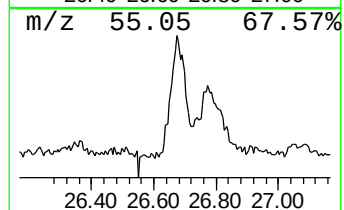
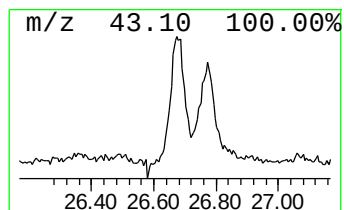
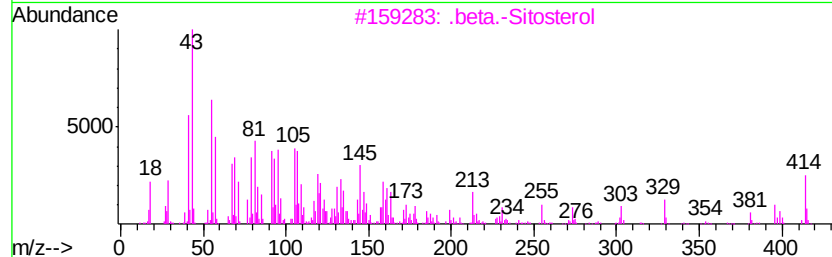
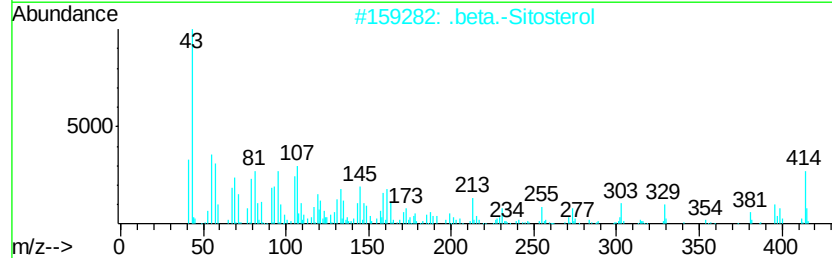
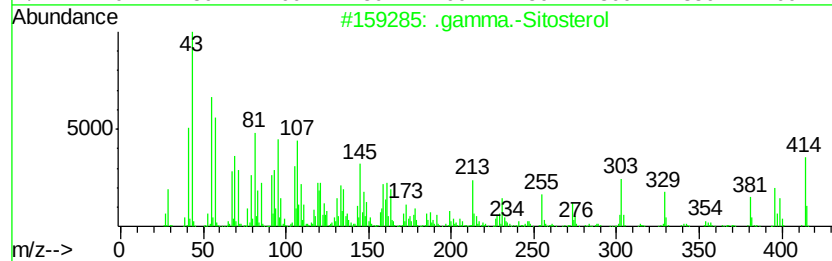
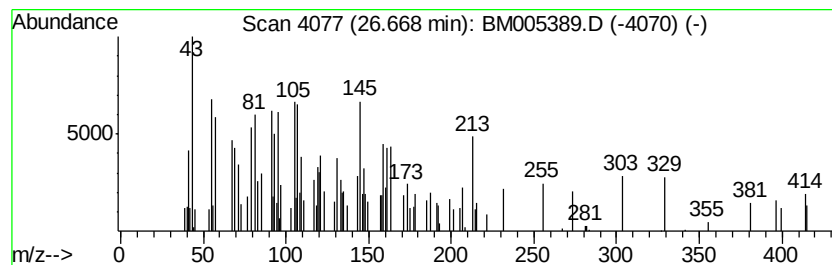
Instrument :
BNA_M
ClientSampleId :
H4061

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 .gamma.-Sitosterol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
26.67	2.57 ng/ul	207596	Perylene-d12	23.61		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		.gamma.-Sitosterol	414	C29H50O	000083-47-6	99
2		.beta.-Sitosterol	414	C29H50O	000083-46-5	95
3		.beta.-Sitosterol	414	C29H50O	000083-46-5	50
4		Stigmasterol, 22,23-dihydro-	414	C29H50O	1000214-20-7	42
5		Pregn-5-en-3-ol, 21-bromo-20-met...	394	C22H35BrO	055103-80-5	22



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051116\
Data File : BM005389.D
Acq On : 11 May 2016 16:25
Operator : UM/SJ
Sample : H2834-13
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
H4061

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Ethanol, 2-(hexad...	21.04	2.3	ng/ul	236369	5	21.34	2094930	20.0
(DEL) Alkane: Str...	21.92	4.4	ng/ul	465469	5	21.34	2094930	20.0
(DEL) Alkane: Str...	22.90	9.7	ng/ul	783839	6	23.61	1614620	20.0
(DEL) Alkane: Cyc...	22.94	2.5	ng/ul	199928	6	23.61	1614620	20.0
(DEL) Alkane: Str...	24.11	2.8	ng/ul	227931	6	23.61	1614620	20.0
.gamma.-Sitosterol	26.67	2.6	ng/ul	207596	6	23.61	1614620	20.0