

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081316\
 Data File : BM007068.D
 Acq On : 13 Aug 2016 14:22
 Operator : UM/SJ
 Sample : H4389-10
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PR002-SS006-0002-01

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	6.975	739	746	759	rVB	1094876	1769602	12.18%	0.913%
2	7.145	768	775	783	rBV	797321	1243013	8.55%	0.641%
3	7.345	802	809	820	rBV	1139622	1808130	12.44%	0.932%
4	7.810	880	888	896	rBV	1009032	1682010	11.57%	0.867%
5	8.504	999	1006	1017	rBV	1244581	2099975	14.45%	1.083%
6	8.963	1075	1084	1093	rBV	1022315	1697742	11.68%	0.876%
7	9.681	1198	1206	1215	rBV	873913	1457945	10.03%	0.752%
8	10.216	1289	1297	1305	rBV	1382570	2330403	16.04%	1.202%
9	10.598	1354	1362	1368	rBV	1339742	2260664	15.56%	1.166%
10	10.733	1375	1385	1402	rBV	626561	1246005	8.57%	0.643%
11	13.851	1906	1915	1919	rBV	2407217	3346846	23.03%	1.726%
12	13.898	1919	1923	1931	rVB	1949489	2636952	18.15%	1.360%
13	14.133	1956	1963	1973	rVB	2640251	4030972	27.74%	2.079%
14	14.439	2005	2015	2023	rBV2	1913162	2969715	20.44%	1.532%
15	14.627	2041	2047	2061	rBV	1129773	1678515	11.55%	0.866%
16	15.433	2176	2184	2190	rBV	3425780	4977507	34.25%	2.567%
17	15.545	2197	2203	2218	rVB	958151	1369789	9.43%	0.706%
18	16.162	2304	2308	2316	rBV2	134096	218512	1.50%	0.113%
19	17.086	2460	2465	2471	rBV3	178190	285757	1.97%	0.147%
20	17.186	2476	2482	2486	rVV	2418221	3711686	25.54%	1.914%
21	17.227	2486	2489	2493	rVV	468129	638362	4.39%	0.329%
22	17.280	2493	2498	2508	rVB2	3728768	5446785	37.48%	2.809%
23	17.962	2608	2614	2620	rBV4	117413	216990	1.49%	0.112%
24	18.086	2627	2635	2644	rBV2	2212753	3381373	23.27%	1.744%
25	18.245	2657	2662	2667	rBV2	148856	271476	1.87%	0.140%
26	18.380	2681	2685	2693	rBV3	93407	166337	1.14%	0.086%
27	18.598	2718	2722	2730	rVB3	125385	199387	1.37%	0.103%
28	18.980	2783	2787	2791	rVB	127791	170605	1.17%	0.088%
29	19.115	2806	2810	2817	rBV2	85380	164226	1.13%	0.085%
30	19.239	2822	2831	2839	rBV	1314806	2197991	15.12%	1.134%
31	19.368	2847	2853	2863	rBV	1742888	2602607	17.91%	1.342%
32	19.574	2882	2888	2892	rBV	4703514	7138202	49.12%	3.681%
33	20.098	2967	2977	2981	rBV3	309877	733866	5.05%	0.378%
34	20.256	3000	3004	3008	rVB3	128845	183112	1.26%	0.094%

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35	20.397	3024	3028	3033	rBV2	110594	196832	1.35%	0.102%
36	20.445	3033	3036	3041	rVB3	112695	172836	1.19%	0.089%
37	20.845	3101	3104	3110	rVB	132131	179142	1.23%	0.092%
38	21.015	3126	3133	3136	rBV3	136769	274466	1.89%	0.142%
39	21.086	3140	3145	3151	rVV2	3678100	4809832	33.10%	2.481%
40	21.292	3176	3180	3186	rVB	345096	387739	2.67%	0.200%
41	21.368	3186	3193	3197	rVV	3785461	5833005	40.14%	3.008%
42	21.403	3197	3199	3209	rVB	657245	776720	5.34%	0.401%
43	21.527	3215	3220	3225	rBV2	972294	1265054	8.71%	0.652%
44	21.709	3247	3251	3259	rVB	555868	679684	4.68%	0.351%
45	21.986	3291	3298	3309	rBV3	8927787	14532200	100.00%	7.495%
46	22.444	3370	3376	3380	rBV	1366028	2165993	14.90%	1.117%
47	22.574	3396	3398	3405	rVB2	223243	294634	2.03%	0.152%
48	22.674	3410	3415	3426	rBV	1695852	2558848	17.61%	1.320%
49	22.968	3458	3465	3469	rBV	8148391	13513864	92.99%	6.969%
50	23.009	3469	3472	3483	rVB2	3404579	4996307	34.38%	2.577%
51	23.233	3507	3510	3515	rVB2	196384	262714	1.81%	0.135%
52	23.444	3542	3546	3549	rBV	257827	430584	2.96%	0.222%
53	23.497	3549	3555	3560	rVV2	3389623	6471214	44.53%	3.337%
54	23.544	3560	3563	3569	rVB	1601029	2561731	17.63%	1.321%
55	23.644	3570	3580	3586	rBV	2290621	4725992	32.52%	2.437%
56	23.868	3612	3618	3625	rVB	2394753	4271463	29.39%	2.203%
57	24.215	3669	3677	3684	rBV	4445475	9061752	62.36%	4.673%
58	24.291	3684	3690	3702	rVV	1872942	3989763	27.45%	2.058%
59	24.409	3706	3710	3723	rVB3	250134	592638	4.08%	0.306%
60	24.585	3735	3740	3747	rVB3	369984	808965	5.57%	0.417%
61	24.980	3798	3807	3814	rBV2	1002764	2682142	18.46%	1.383%
62	25.432	3876	3884	3898	rVB2	2459743	6314838	43.45%	3.257%
63	25.879	3951	3960	3975	rBV3	1248785	4355516	29.97%	2.246%
64	26.021	3976	3984	3996	rVV2	2134230	6325687	43.53%	3.262%
65	26.138	3999	4004	4023	rVB7	563806	2296775	15.80%	1.185%
66	26.779	4102	4113	4129	rBV2	2984289	9341871	64.28%	4.818%
67	26.938	4132	4140	4152	rVB3	678633	2240271	15.42%	1.155%
68	28.397	4377	4388	4408	rVB8	1800837	8197430	56.41%	4.228%

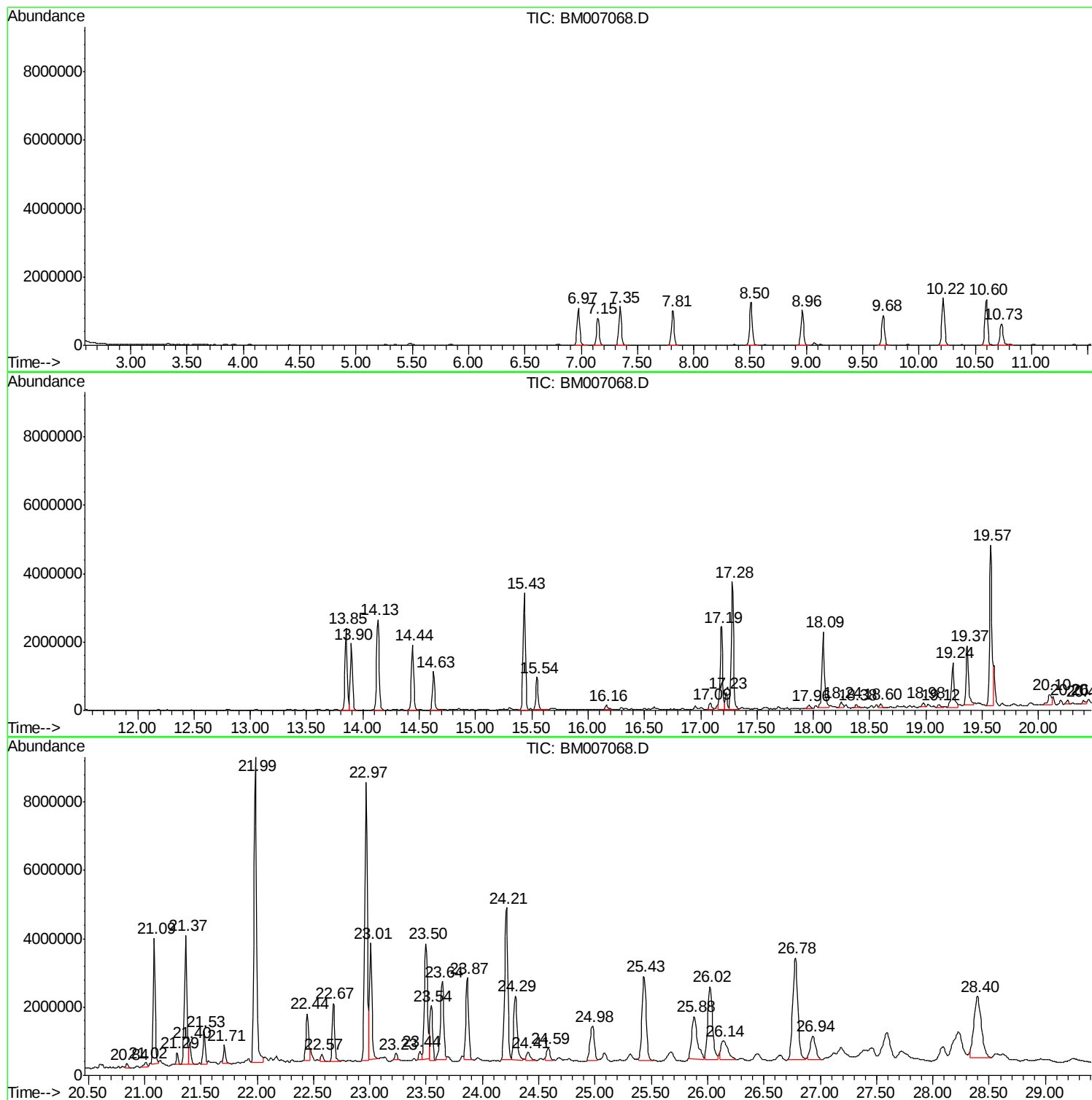
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Quant Title : SVOA CALIBRATION

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



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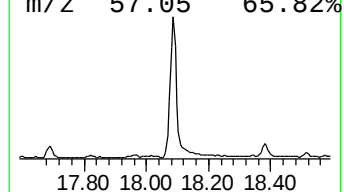
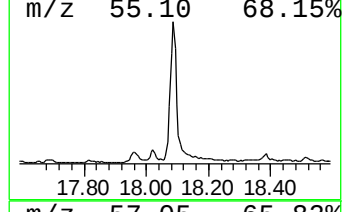
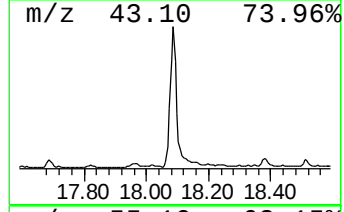
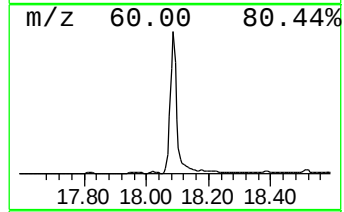
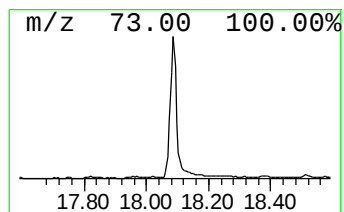
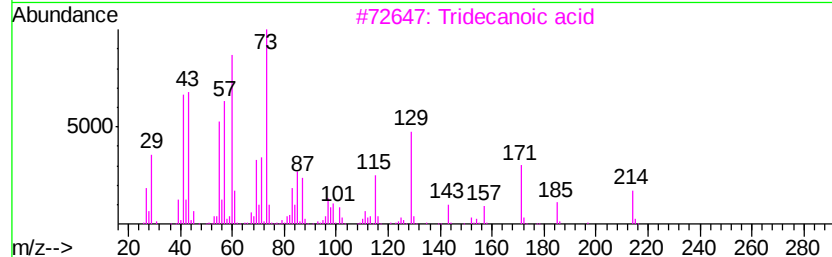
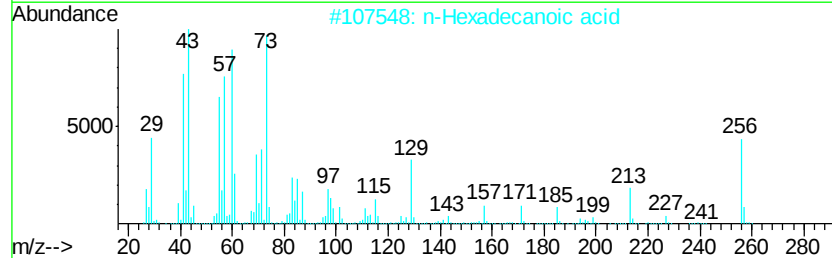
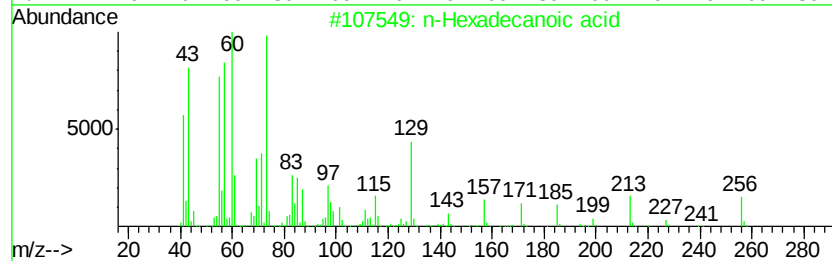
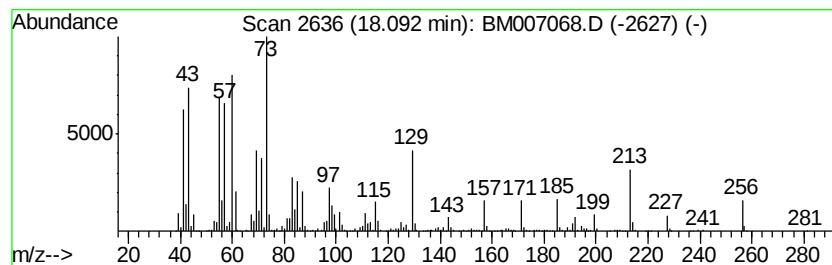
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.09	18.22 ng/ul	3381370	Phenanthrene-d10	17.18

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3		Tridecanoic acid	214	C13H26O2	000638-53-9	94
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	93
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	91



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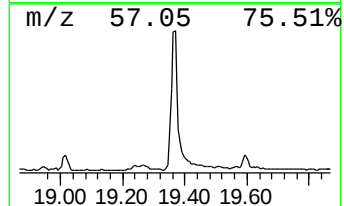
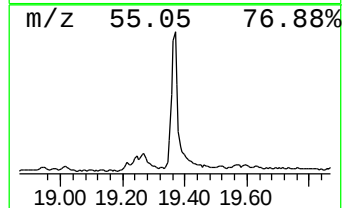
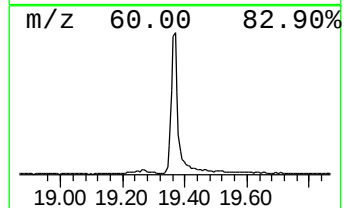
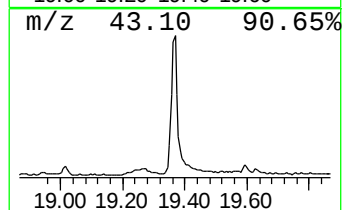
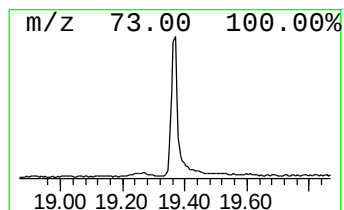
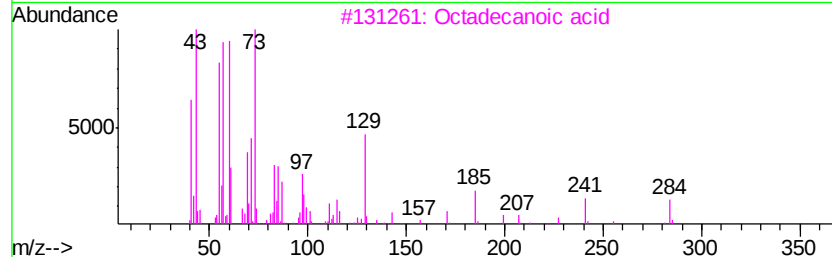
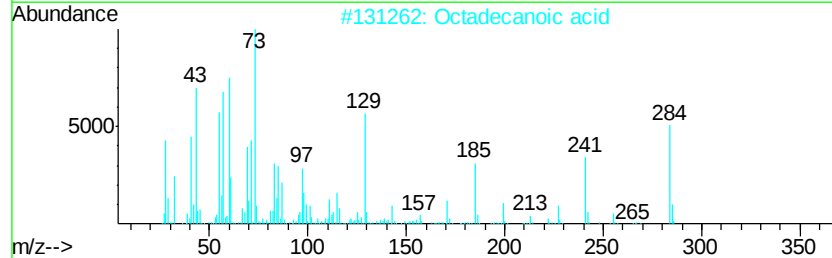
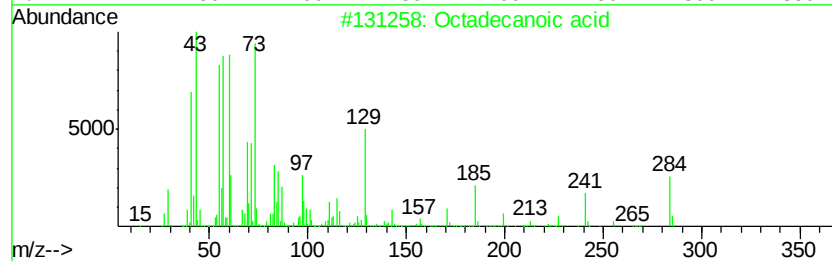
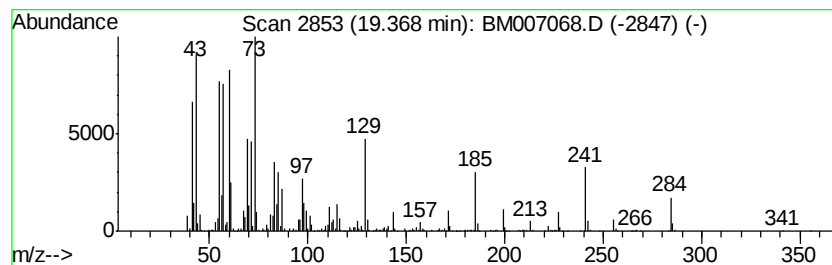
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 Octadecanoic acid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.37	8.92 ng/ul	2602610	Chrysene-d12	21.37

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			Octadecanoic acid	284	C18H36O2	000057-11-4	99
3			Octadecanoic acid	284	C18H36O2	000057-11-4	99
4			Octadecanoic acid	284	C18H36O2	000057-11-4	98
5			Octadecanoic acid	284	C18H36O2	000057-11-4	93



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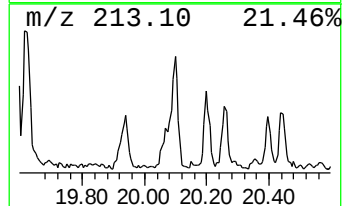
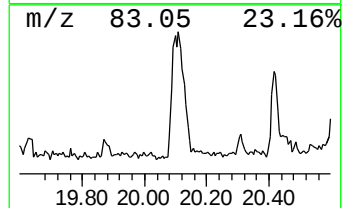
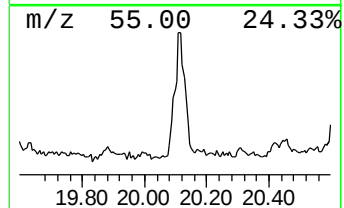
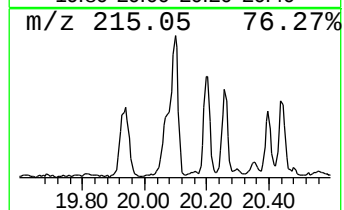
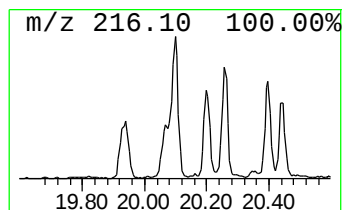
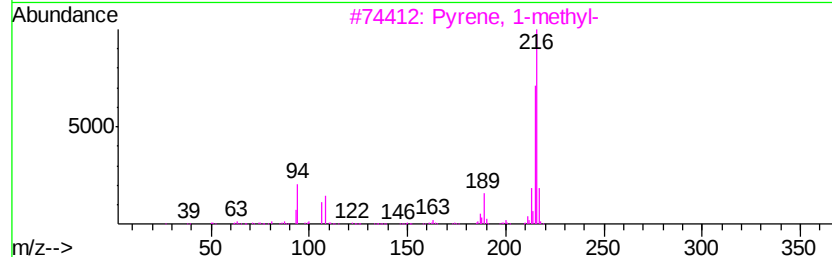
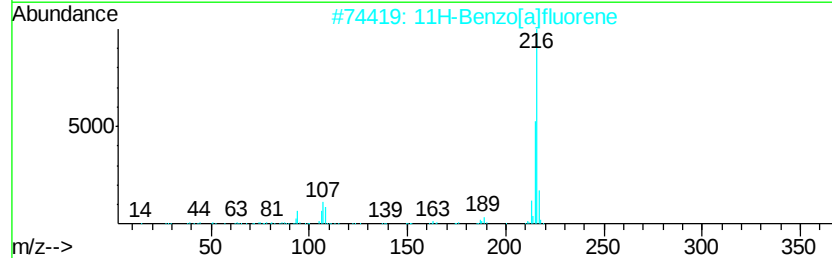
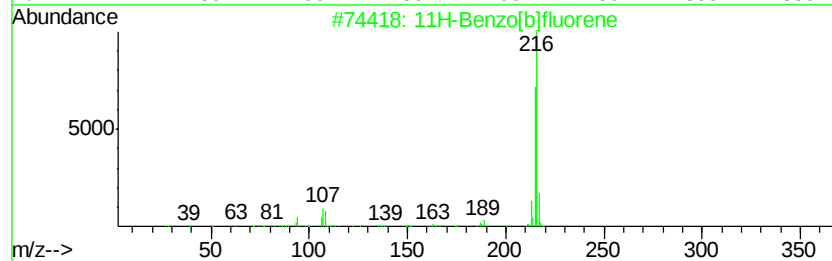
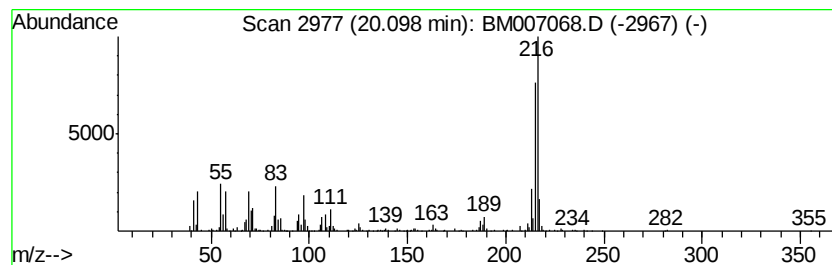
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 11H-Benzo[b]fluorene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.10	2.52 ng/ul	733866	Chrysene-d12	21.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
3		Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
4		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	89
5		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	86



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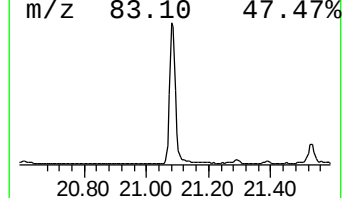
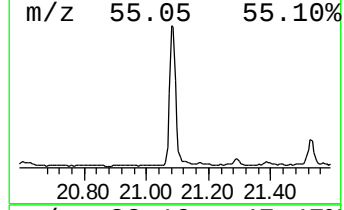
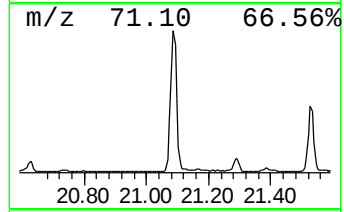
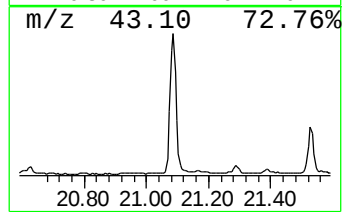
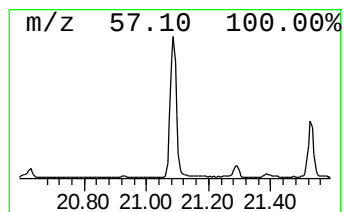
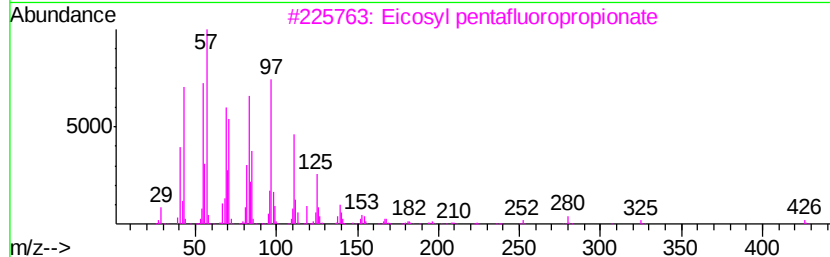
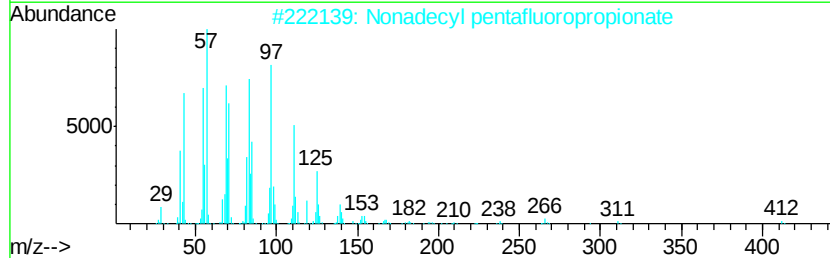
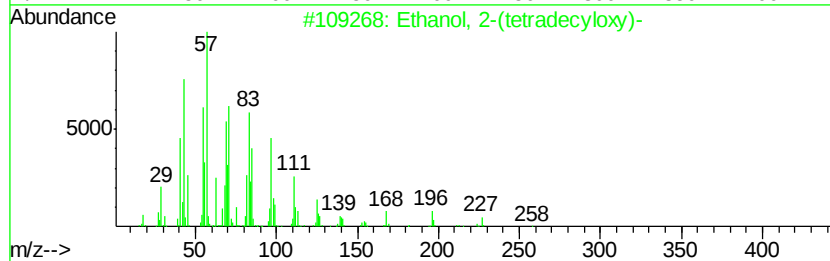
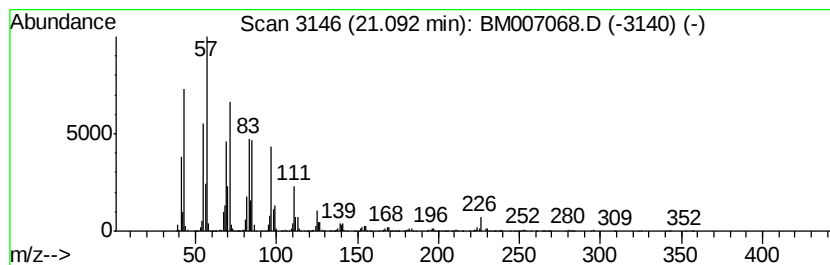
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Peak Number 4 Ethanol, 2-(tetradecyloxy)- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.		
21.09	16.49 ng/ul	4809830	Chrysene-d12	21.37		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	94
2		Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	91
3		Eicosyl pentafluoropropionate	444	C23H41F5O2	1000351-80-8	91
4		Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	91
5		Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	90



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Sample : H4389-10
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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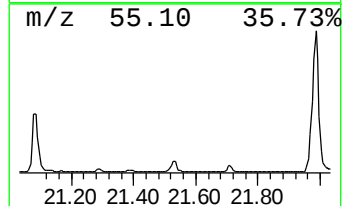
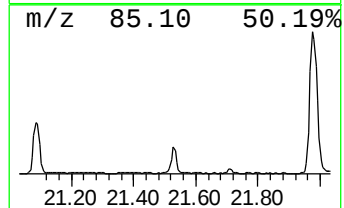
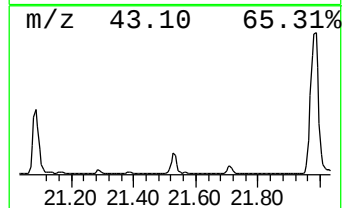
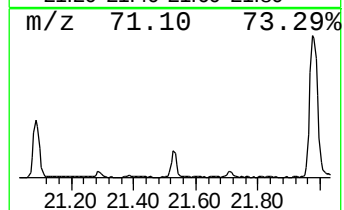
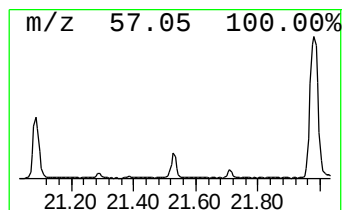
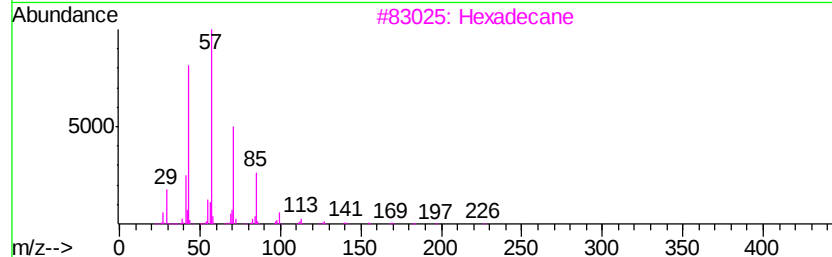
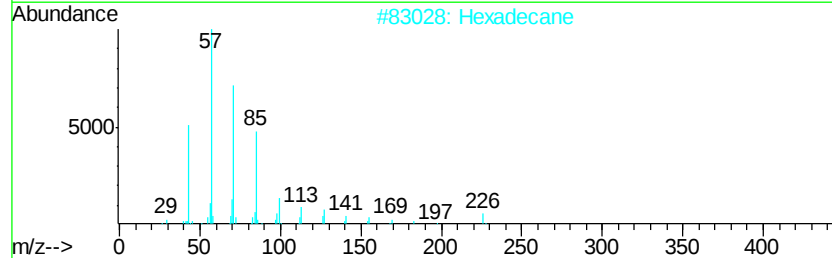
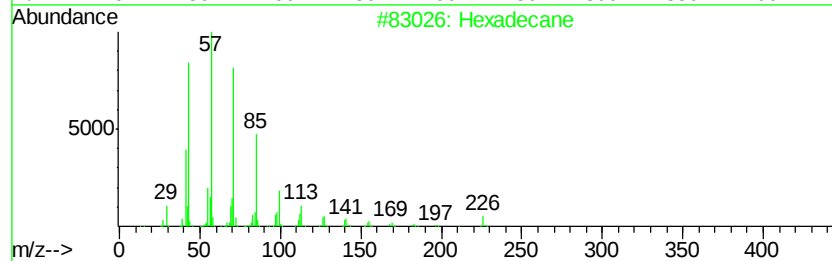
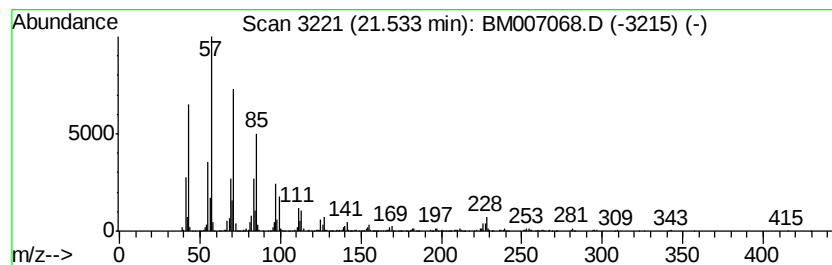
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.53	4.34 ng/ul	1265050	Chrysene-d12	21.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	98
2		Hexadecane	226	C16H34	000544-76-3	95
3		Hexadecane	226	C16H34	000544-76-3	95
4		Hexadecane	226	C16H34	000544-76-3	92
5		Sulfurous acid, dodecyl 2-propyl...	292	C15H32O3S	1000309-12-3	91



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081316\
Data File : BM007068.D
Acq On : 13 Aug 2016 14:22
Operator : UM/SJ
Sample : H4389-10
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
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ClientSampleId :
PR002-SS006-0002-01

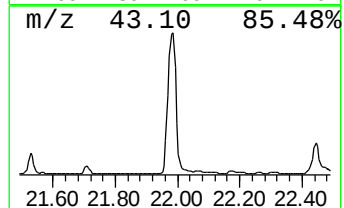
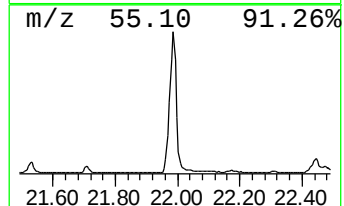
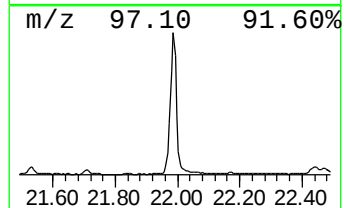
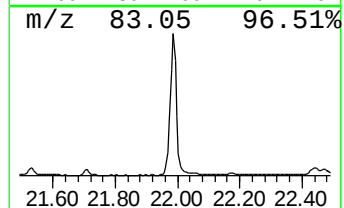
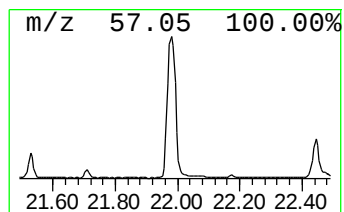
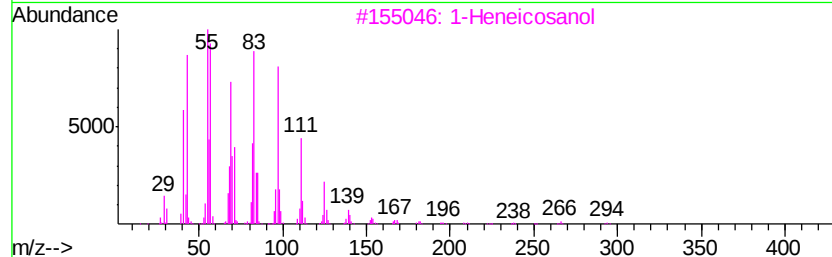
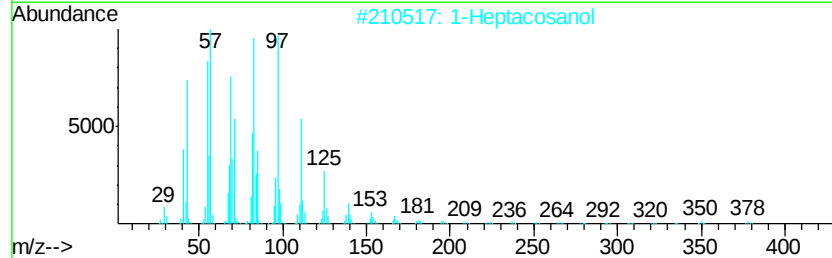
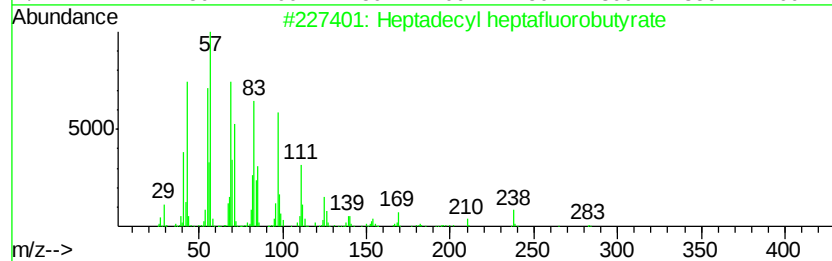
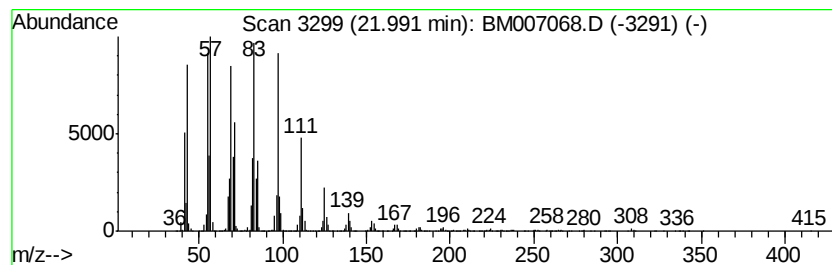
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Heptadecyl heptafluorobutyrate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.99	49.83 ng/ul	14532200	Chrysene-d12	21.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
2		1-Heptacosanol	396	C27H56O	002004-39-9	94
3		1-Heneicosanol	312	C21H44O	015594-90-8	91
4		E-14-Hexadecenal	238	C16H30O	330207-53-9	90
5		Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	90



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081316\
Data File : BM007068.D
Acq On : 13 Aug 2016 14:22
Operator : UM/SJ
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ClientSampleId :
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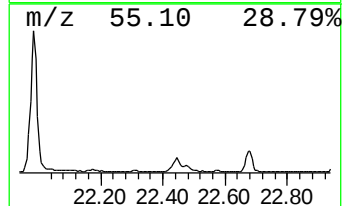
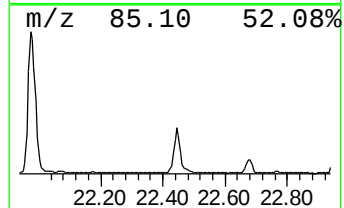
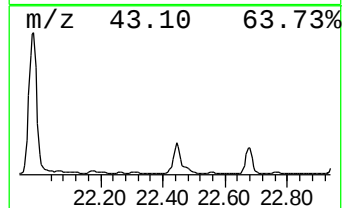
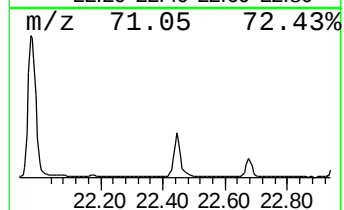
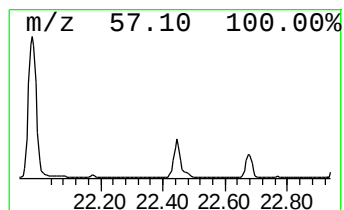
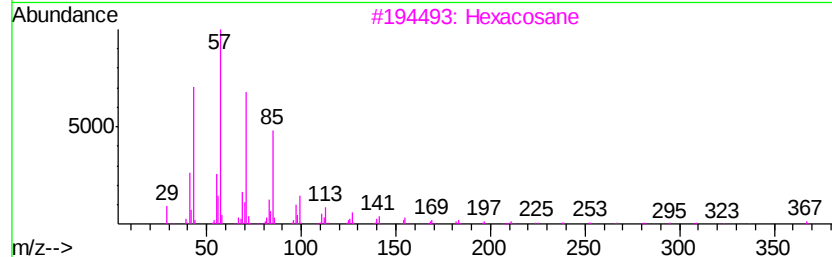
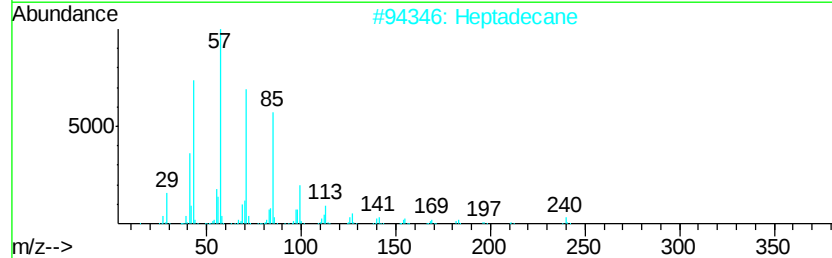
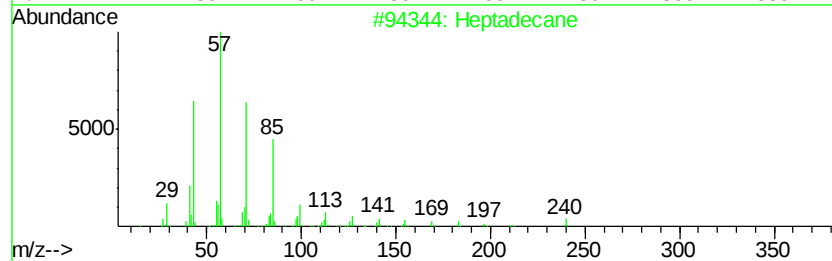
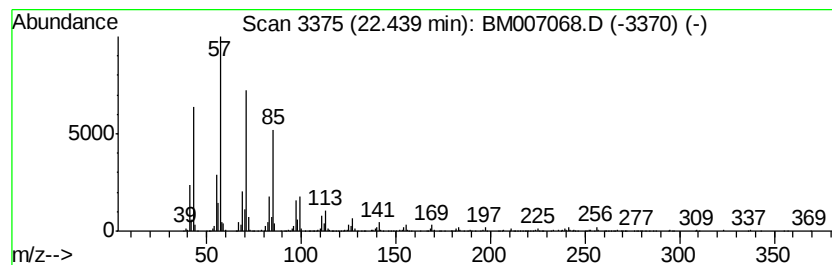
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.44	7.43 ng/ul	2165990	Chrysene-d12	21.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	95
2		Heptadecane	240	C17H36	000629-78-7	95
3		Hexacosane	366	C26H54	000630-01-3	94
4		Heneicosane	296	C21H44	000629-94-7	91
5		Octacosane	394	C28H58	000630-02-4	91



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081316\
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Acq On : 13 Aug 2016 14:22
Operator : UM/SJ
Sample : H4389-10
Misc :
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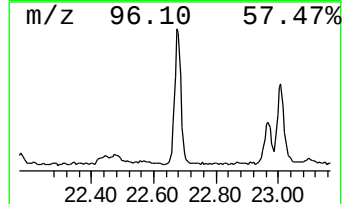
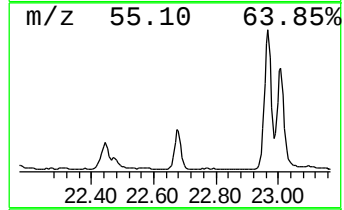
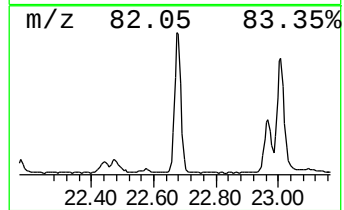
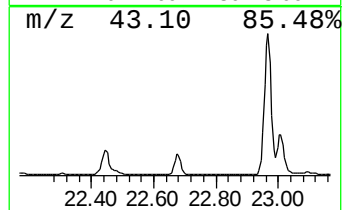
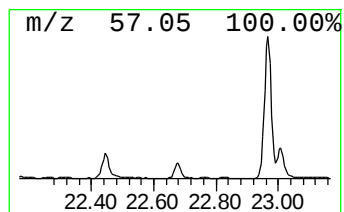
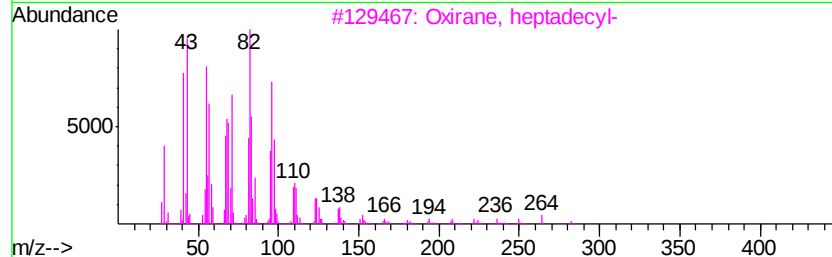
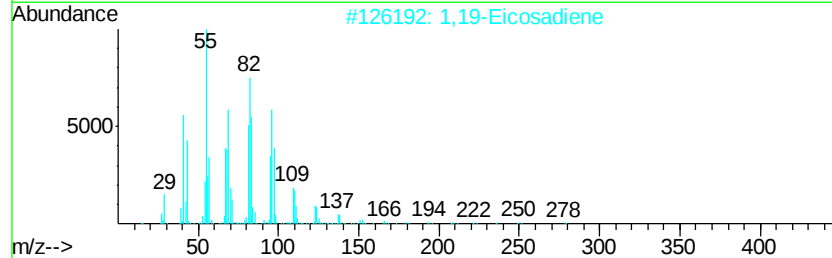
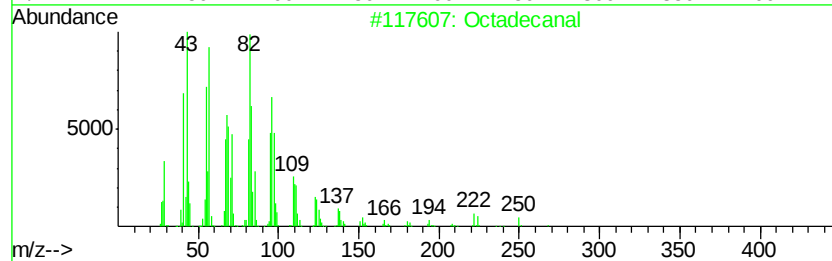
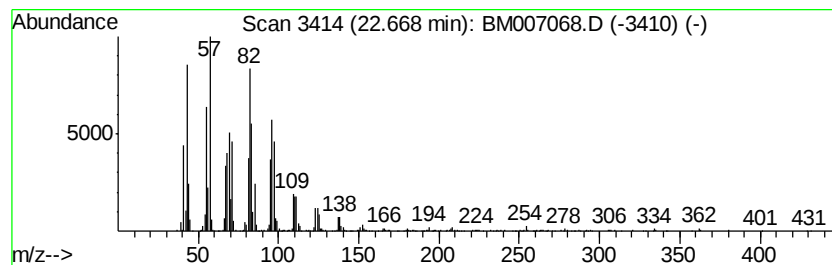
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 Octadecanal Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.67	10.83 ng/ul	2558850	Perylene-d12	23.64
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Octadecanal	268 C18H36O	000638-66-4	96
2	1,19-Eicosadiene	278 C20H38	014811-95-1	95
3	Oxirane, heptadecyl-	282 C19H38O	067860-04-2	94
4	Octadecanal	268 C18H36O	000638-66-4	93
5	Octadecanal	268 C18H36O	000638-66-4	93



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081316\
Data File : BM007068.D
Acq On : 13 Aug 2016 14:22
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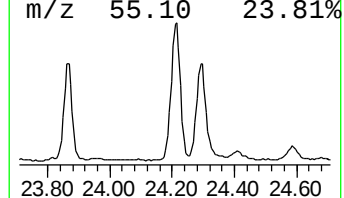
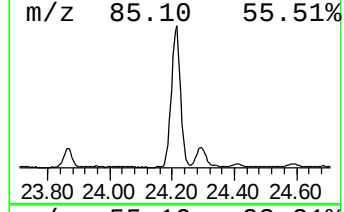
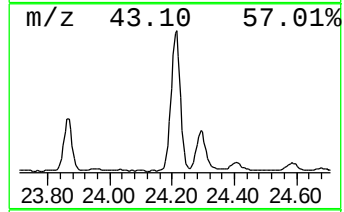
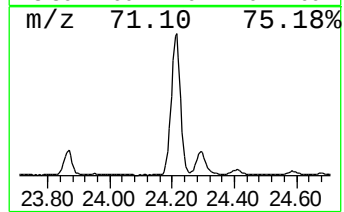
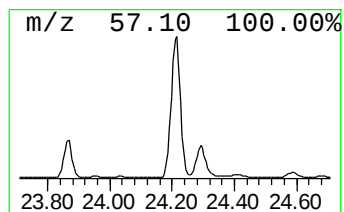
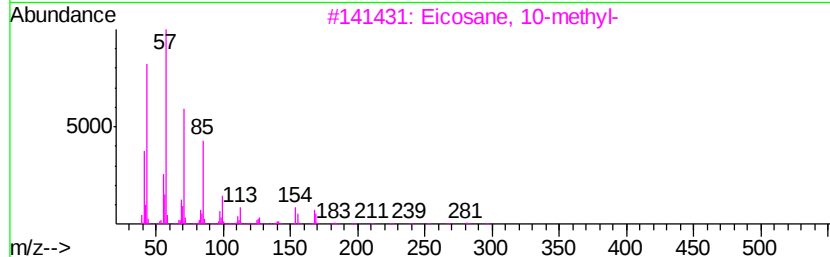
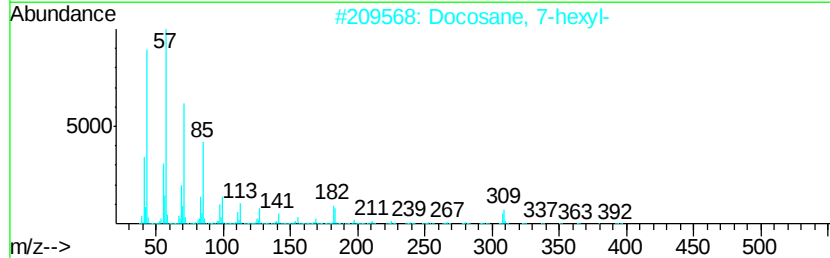
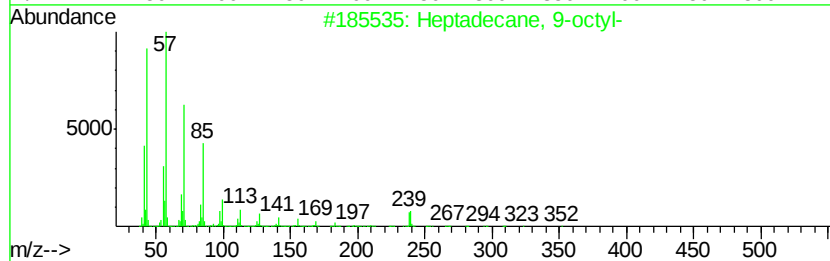
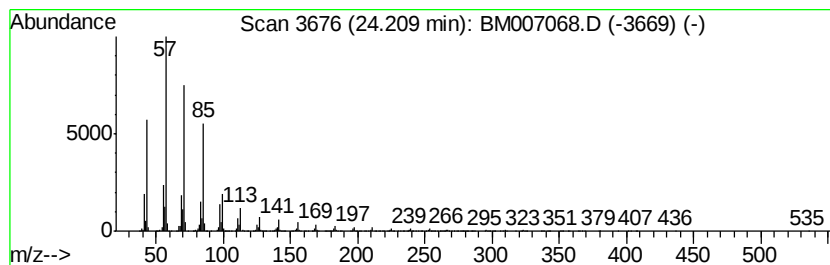
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.21	38.35 ng/ul	9061750	Perylene-d12	23.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	95
2		Docosane, 7-hexyl-	394	C28H58	055373-86-9	93
3		Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
4		Docosane, 11-butyl-	366	C26H54	013475-76-8	93
5		Tetratetracontane	619	C44H90	007098-22-8	91



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081316\
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Acq On : 13 Aug 2016 14:22
Operator : UM/SJ
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ALS Vial : 36 Sample Multiplier: 1

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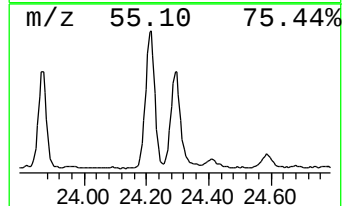
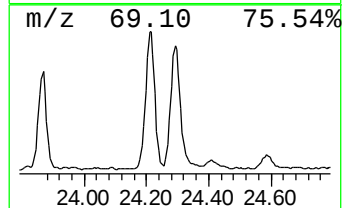
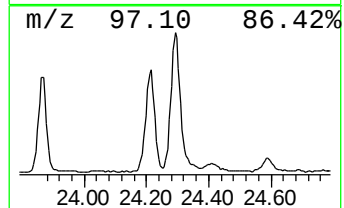
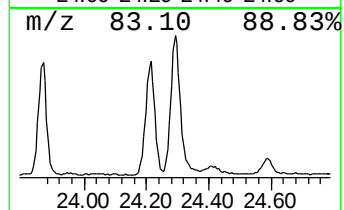
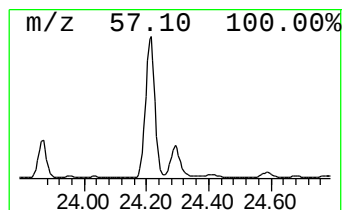
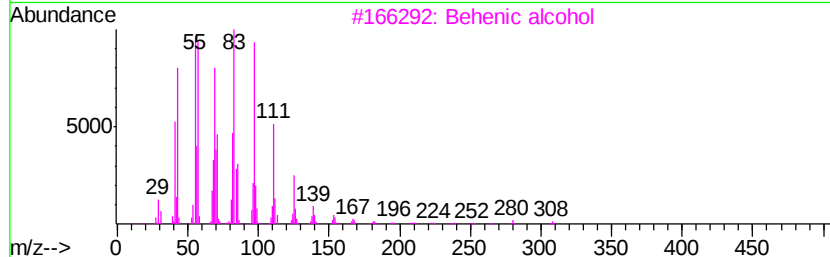
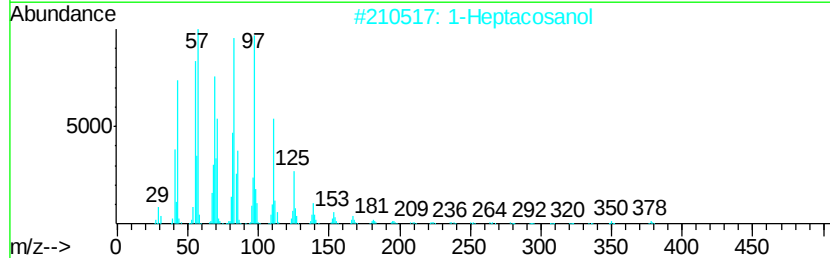
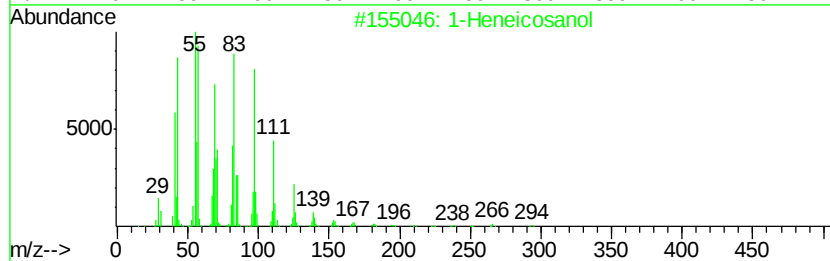
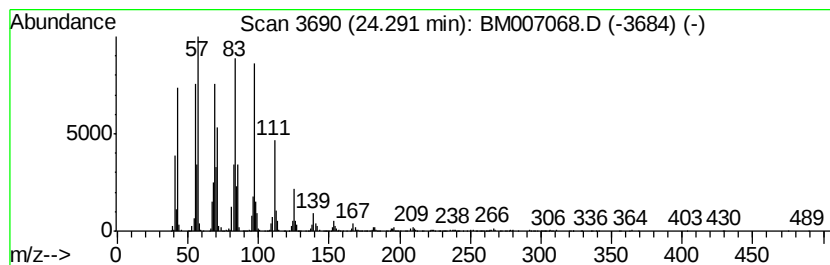
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 1-Heneicosanol Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.29	16.88 ng/ul	3989760	Perylene-d12	23.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Heneicosanol	312	C21H44O	015594-90-8	95
2		1-Heptacosanol	396	C27H56O	002004-39-9	95
3		Behenic alcohol	326	C22H46O	000661-19-8	94
4		n-Tetracosanol-1	354	C24H50O	000506-51-4	94
5		9-Tricosene, (Z)-	322	C23H46	027519-02-4	93



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081316\
Data File : BM007068.D
Acq On : 13 Aug 2016 14:22
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Sample : H4389-10
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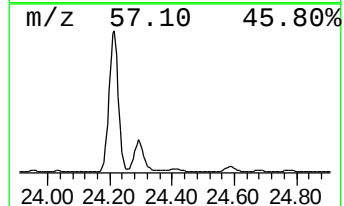
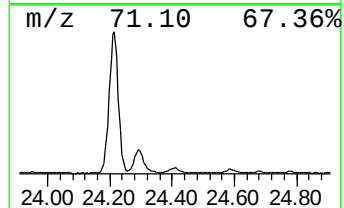
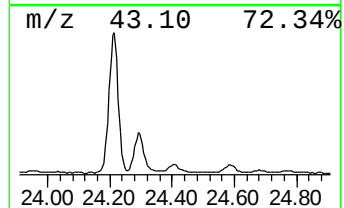
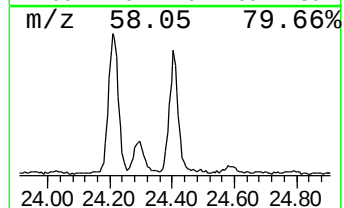
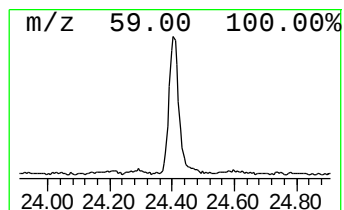
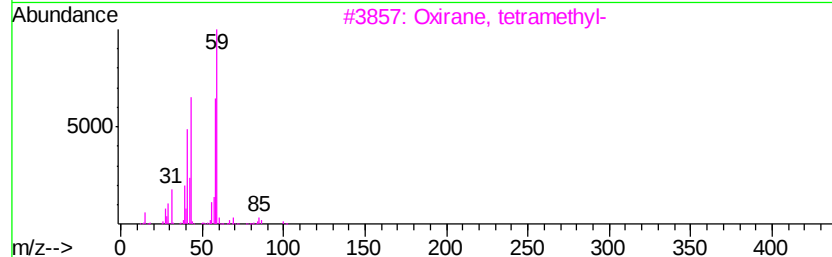
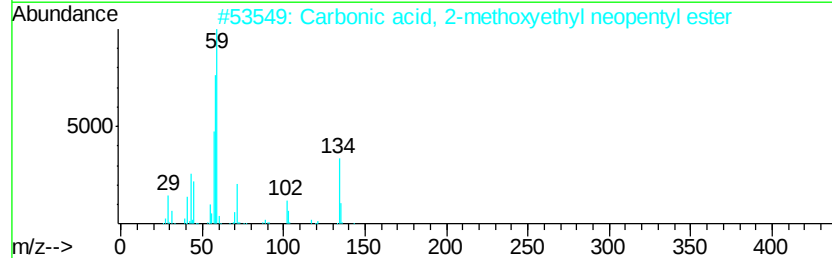
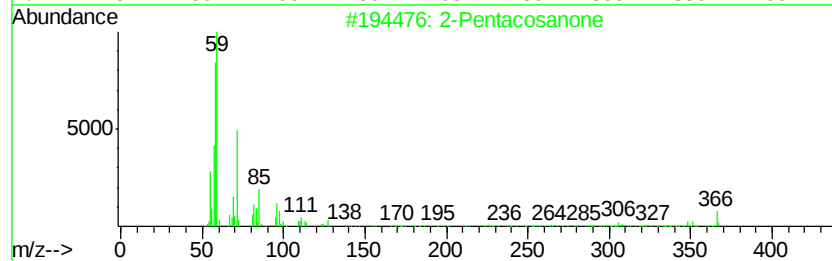
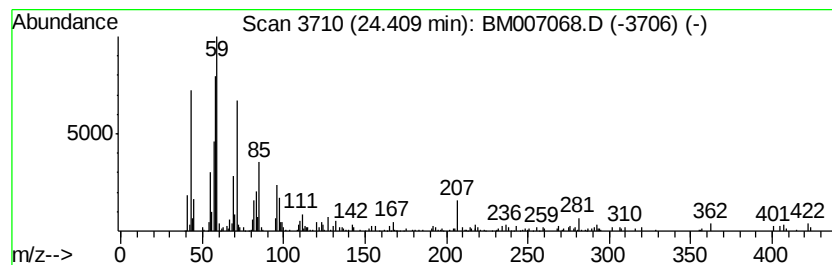
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 2-Pentacosanone Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.41	2.51 ng/ul	592638	Perylene-d12	23.64
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	2-Pentacosanone		366 C25H500	075207-54-4 72
2	Carbonic acid, 2-methoxyethyl ne...		190 C9H1804	1000331-42-7 53
3	Oxirane, tetramethyl-		100 C6H120	005076-20-0 47
4	Oxirane, tetramethyl-		100 C6H120	005076-20-0 47
5	2-Tridecanone		198 C13H260	000593-08-8 47



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Operator : UM/SJ
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Misc :
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Instrument :
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ClientSampleId :
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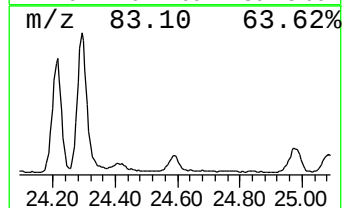
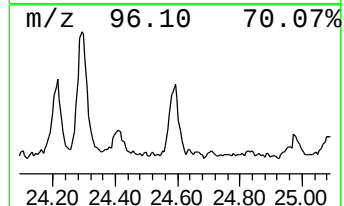
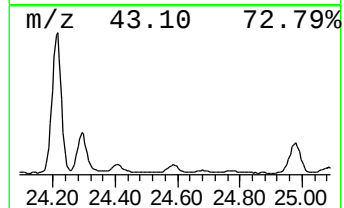
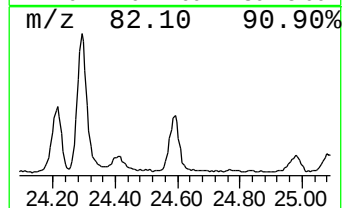
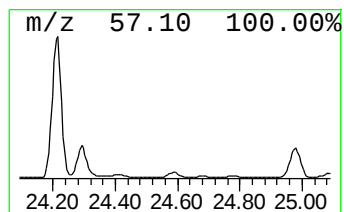
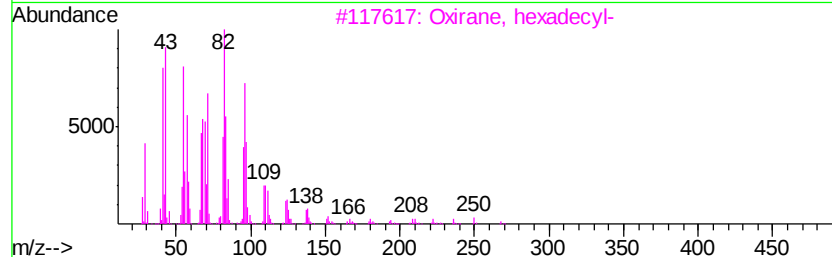
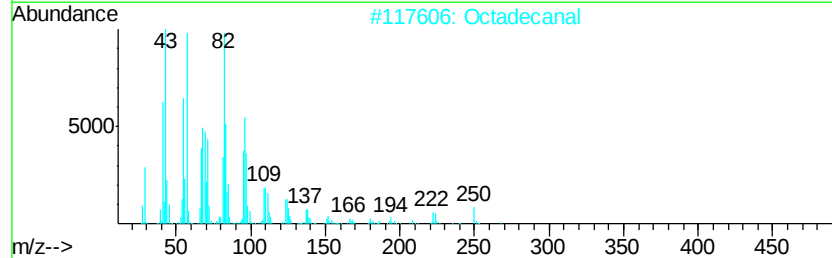
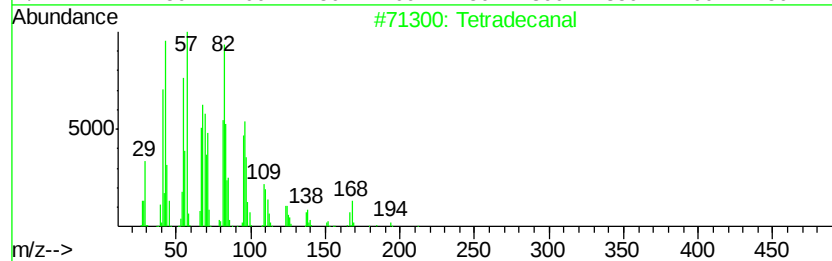
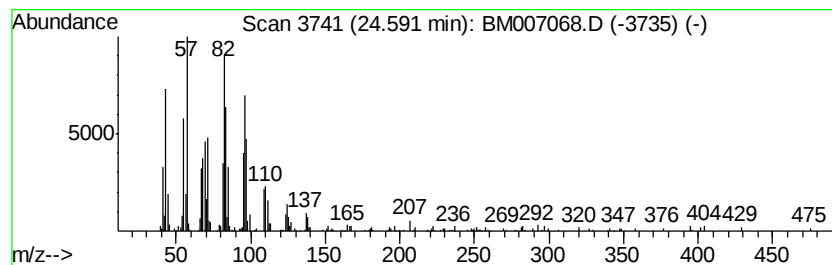
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 Tetradeanal Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.59	3.42 ng/ul	808965	Perylene-d12	23.64

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradeanal	212	C14H28O	000124-25-4	83
2			Octadecanal	268	C18H36O	000638-66-4	80
3			Oxirane, hexadecyl-	268	C18H36O	007390-81-0	76
4			Oxirane, heptadecyl-	282	C19H38O	067860-04-2	76
5			Oxirane, hexadecyl-	268	C18H36O	007390-81-0	76



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081316\
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Acq On : 13 Aug 2016 14:22
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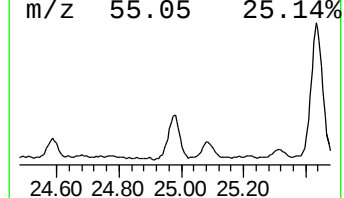
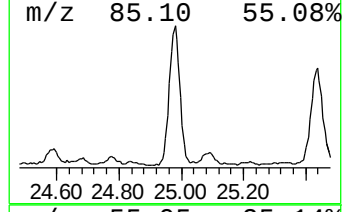
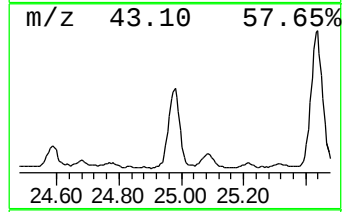
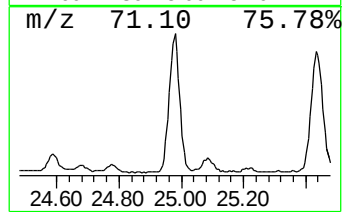
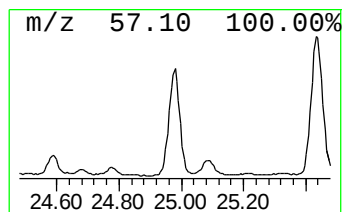
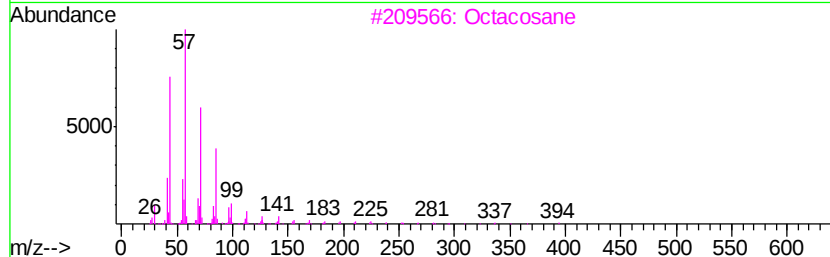
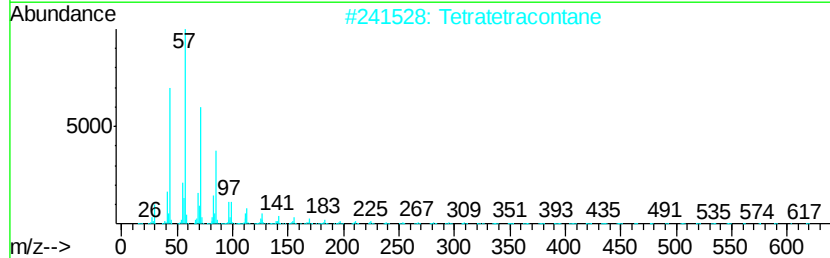
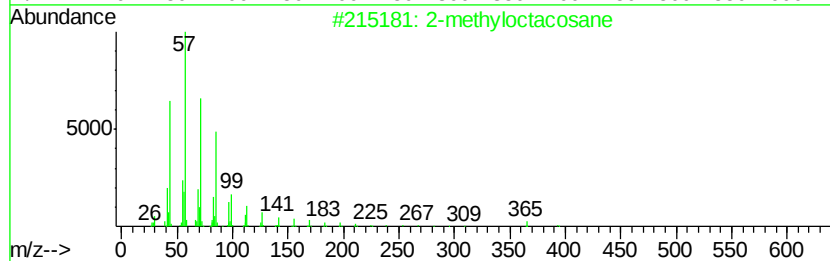
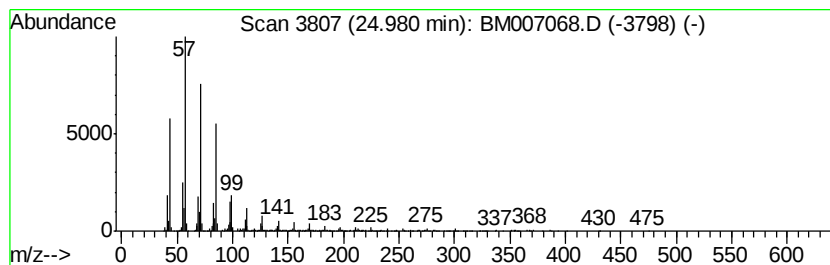
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 2-methyloctacosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.98	11.35 ng/ul	2682140	Perylene-d12	23.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-methyloctacosane	408	C29H60	1000376-72-8	91
2		Tetratetracontane	619	C44H90	007098-22-8	91
3		Octacosane	394	C28H58	000630-02-4	91
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5		Tetracosane	338	C24H50	000646-31-1	91



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081316\
Data File : BM007068.D
Acq On : 13 Aug 2016 14:22
Operator : UM/SJ
Sample : H4389-10
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Instrument :
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ClientSampleId :
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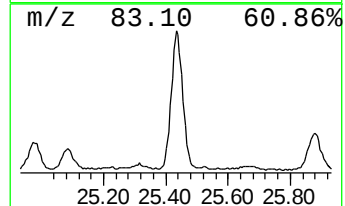
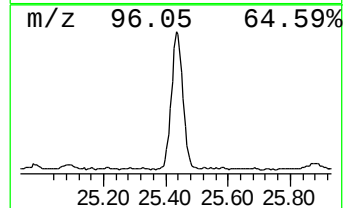
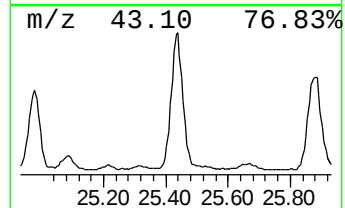
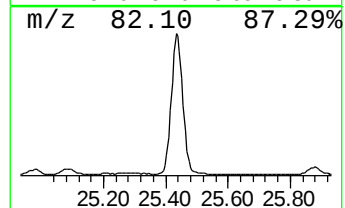
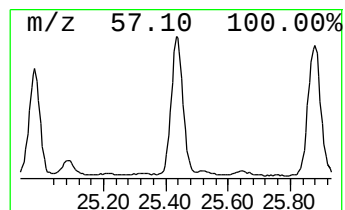
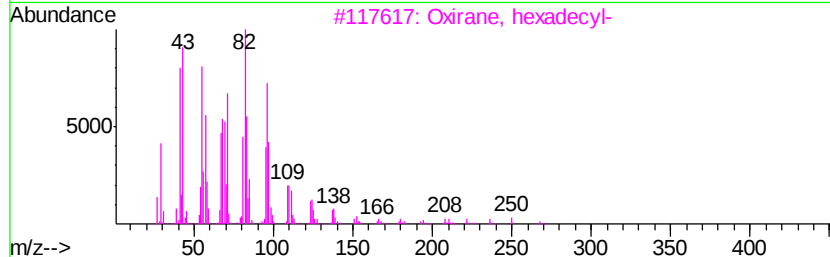
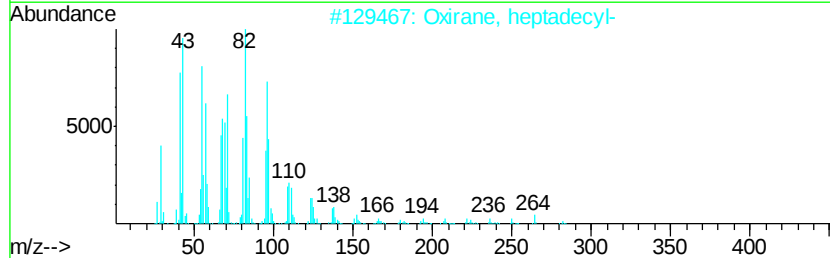
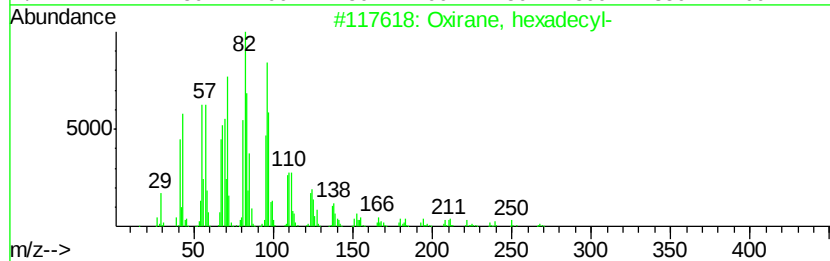
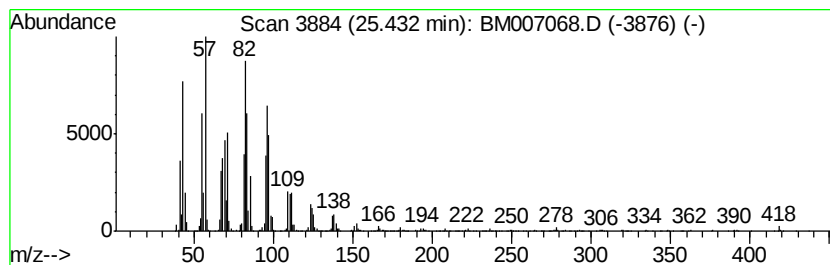
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 Oxirane, hexadecyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.43	26.72 ng/ul	6314840	Perylene-d12	23.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	94
2		Oxirane, heptadecyl-	282	C19H38O	067860-04-2	91
3		Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
4		Oxirane, hexadecyl-	268	C18H36O	007390-81-0	87
5		Octadecanal	268	C18H36O	000638-66-4	86



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081316\
Data File : BM007068.D
Acq On : 13 Aug 2016 14:22
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Instrument :
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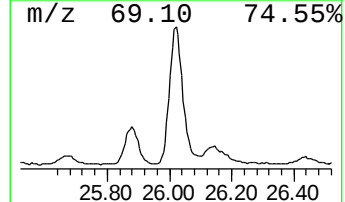
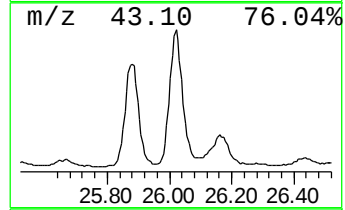
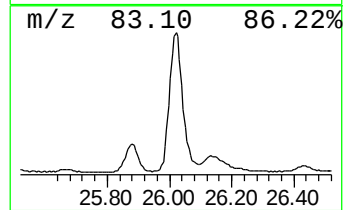
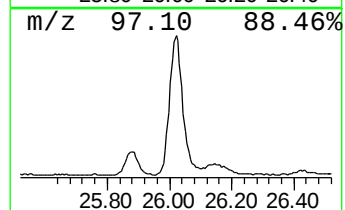
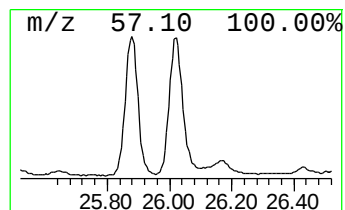
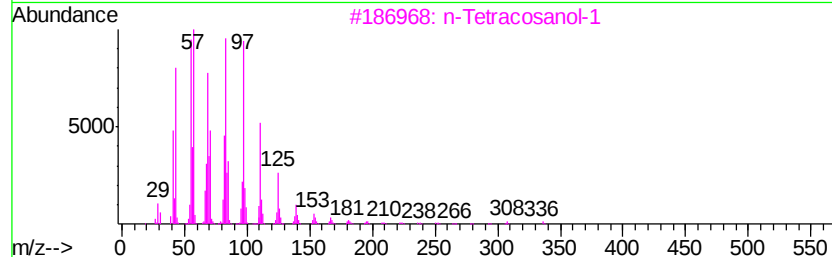
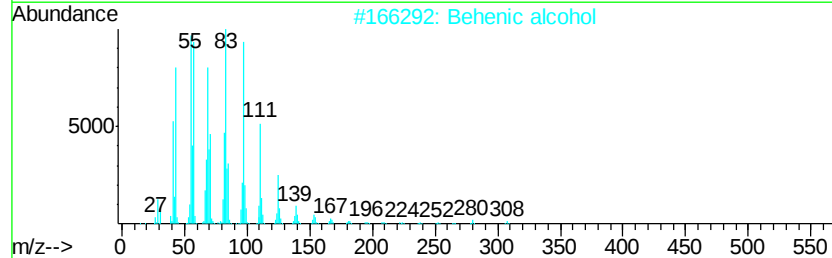
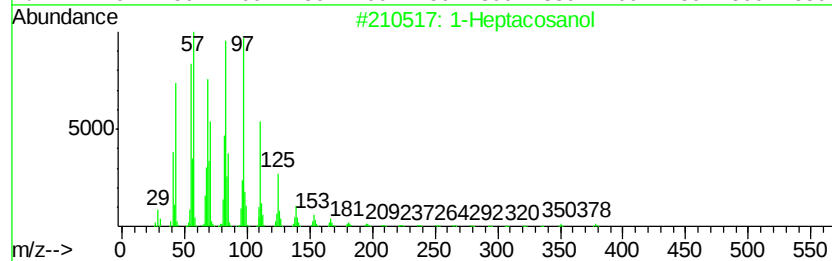
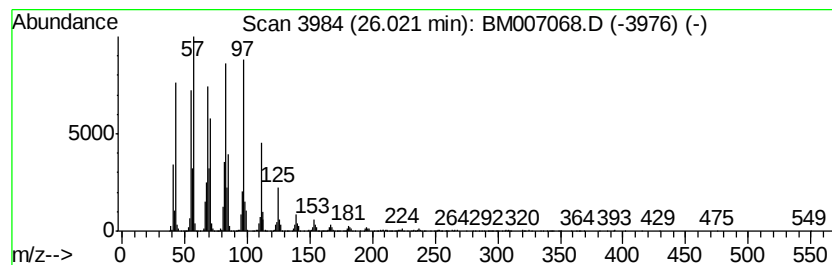
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 1-Heptacosanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.02	26.77 ng/ul	6325690	Perylene-d12	23.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Heptacosanol	396	C27H56O	002004-39-9	94
2		Behenic alcohol	326	C22H46O	000661-19-8	93
3		n-Tetracosanol-1	354	C24H50O	000506-51-4	93
4		Octacosyl acetate	452	C30H60O2	018206-97-8	90
5		Heptacosyl acetate	438	C29H58O2	1000351-78-2	90



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081316\
Data File : BM007068.D
Acq On : 13 Aug 2016 14:22
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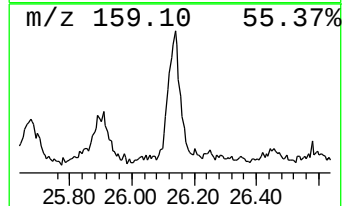
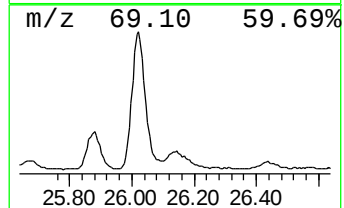
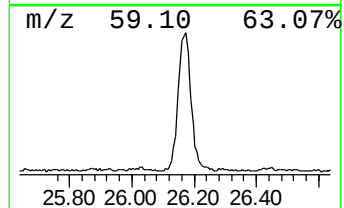
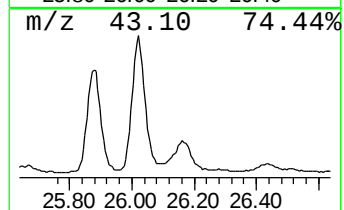
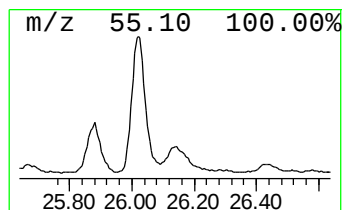
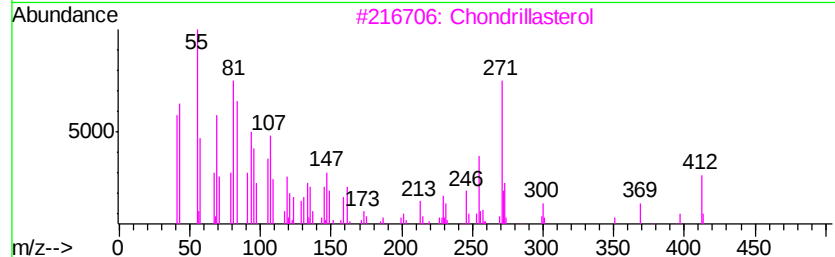
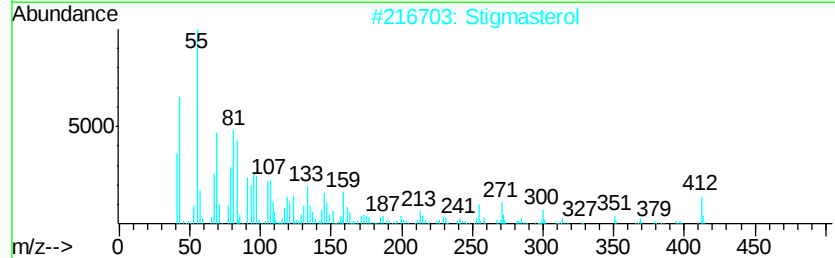
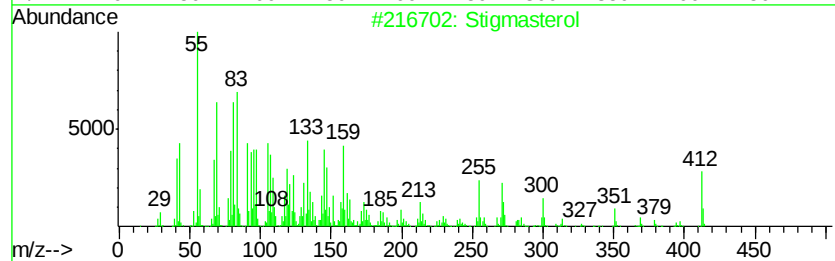
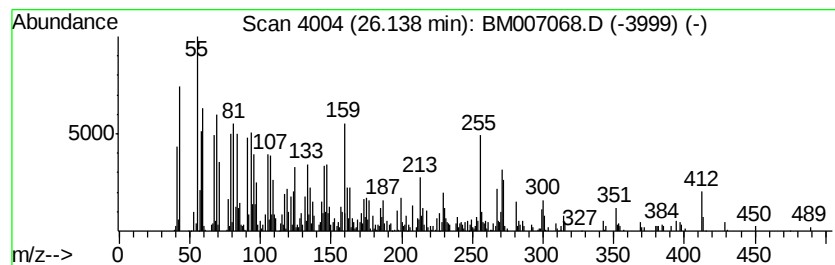
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 Stigmasterol Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.14	9.72 ng/ul	2296780	Perylene-d12	23.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Stigmasterol	412	C29H48O	000083-48-7	93
2		Stigmasterol	412	C29H48O	000083-48-7	86
3		Chondrillasterol	412	C29H48O	000481-17-4	45
4		Stigmasterol	412	C29H48O	000083-48-7	41
5		Stigmasta-5,22-dien-3-ol, acetat...	454	C31H50O2	004651-48-3	38



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081316\
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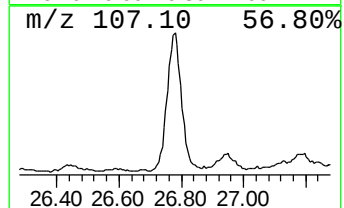
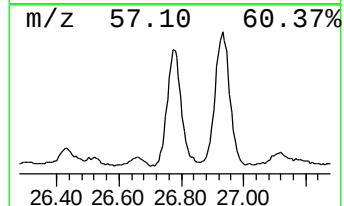
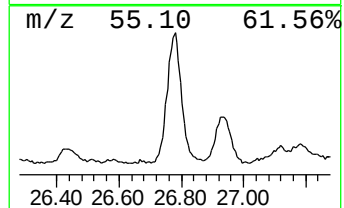
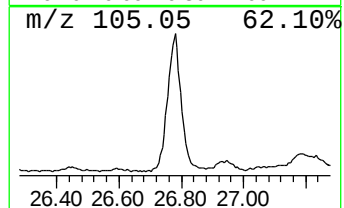
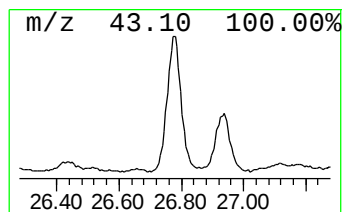
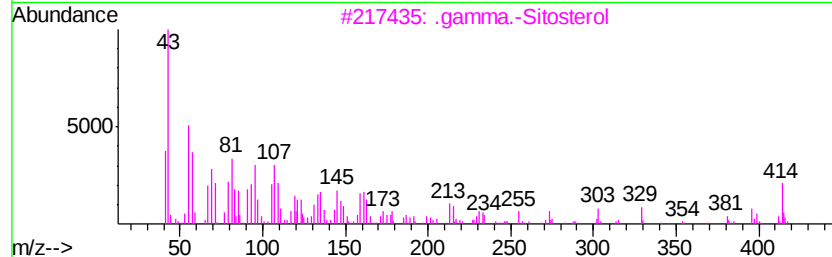
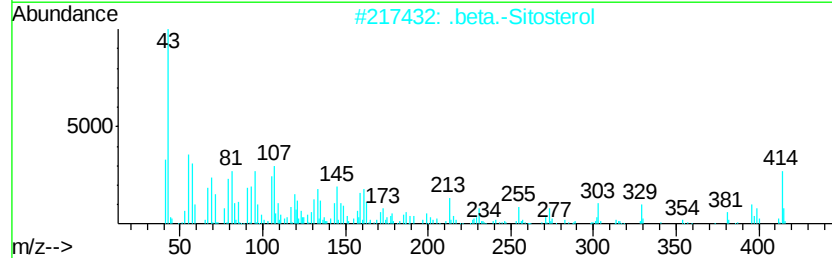
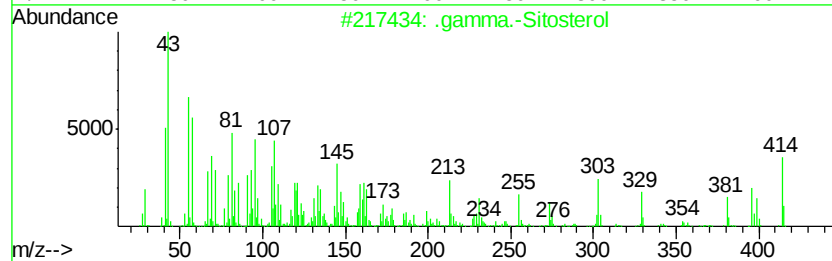
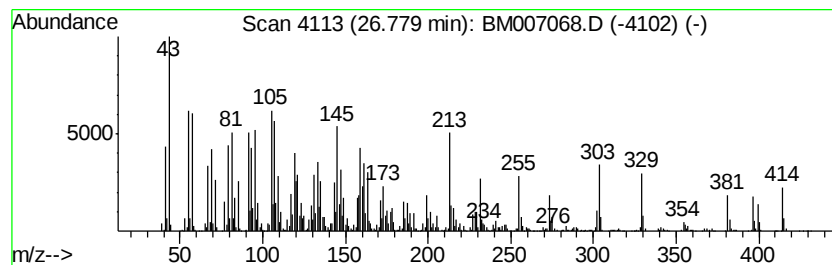
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Quant Title : SVOA CALIBRATION

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

Peak Number 20 .gamma.-Sitosterol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.78	39.53 ng/ul	9341870	Perylene-d12	23.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	.gamma.-Sitosterol	414	C29H50O	000083-47-6	99
2		.beta.-Sitosterol	414	C29H50O	000083-46-5	98
3		.gamma.-Sitosterol	414	C29H50O	000083-47-6	78
4		.beta.-Sitosterol	414	C29H50O	000083-46-5	62
5		Ergost-5-en-3-ol, (3.beta.)-	400	C28H48O	004651-51-8	52



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081316\
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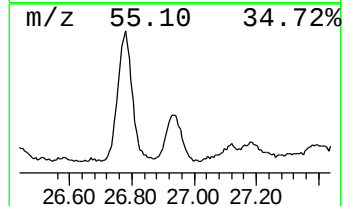
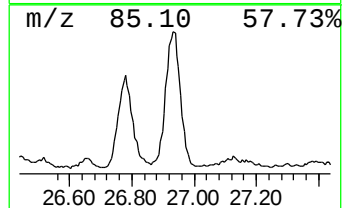
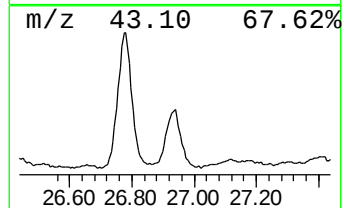
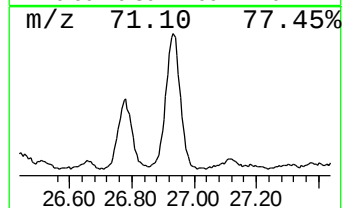
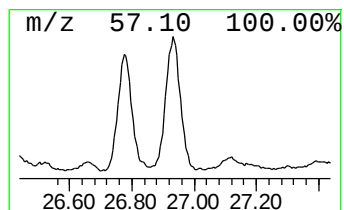
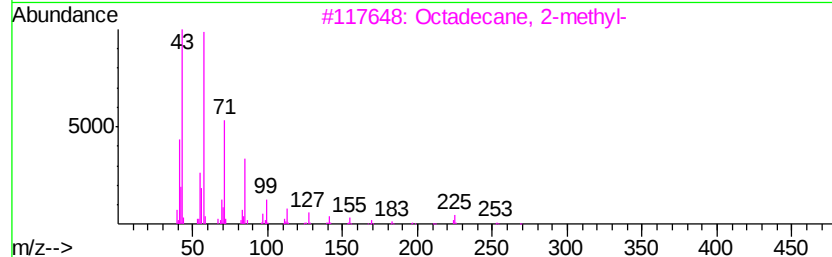
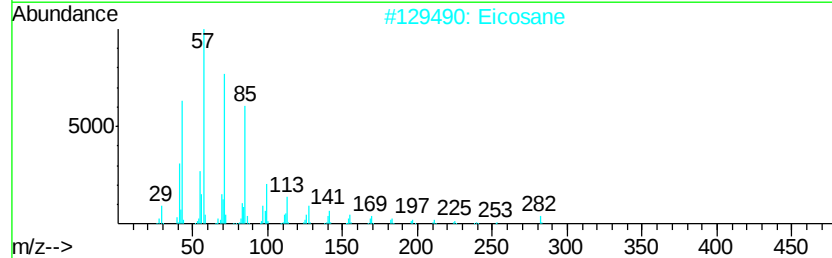
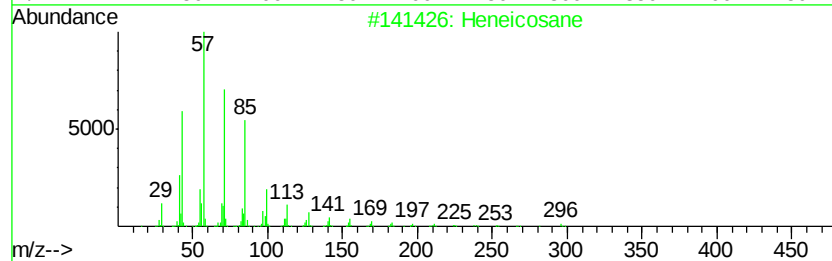
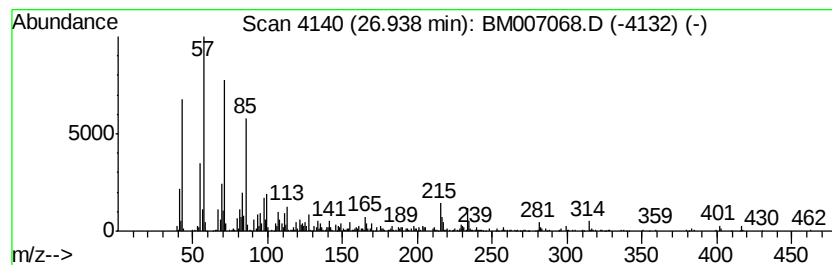
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Quant Title : SVOA CALIBRATION

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

Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.94	9.48 ng/ul	2240270	Perylene-d12	23.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	97
2		Eicosane	282	C20H42	000112-95-8	90
3		Octadecane, 2-methyl-	268	C19H40	001560-88-9	90
4		Hexadecane	226	C16H34	000544-76-3	89
5		2-methyloctacosane	408	C29H60	1000376-72-8	81



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081316\
Data File : BM007068.D
Acq On : 13 Aug 2016 14:22
Operator : UM/SJ
Sample : H4389-10
Misc :
ALS Vial : 36 Sample Multiplier: 1

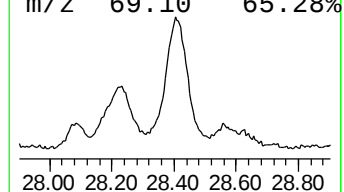
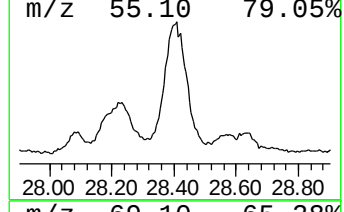
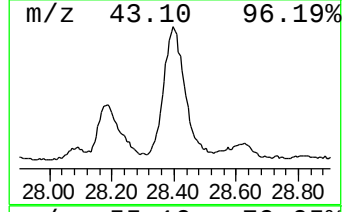
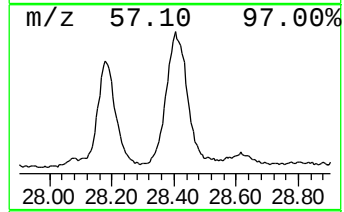
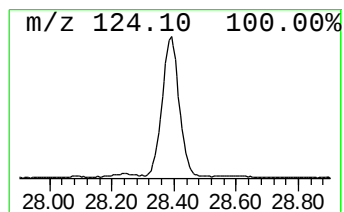
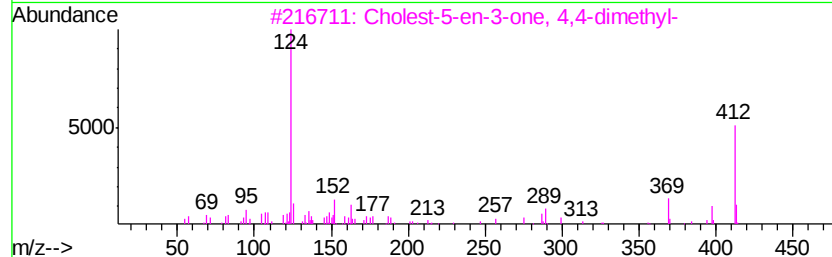
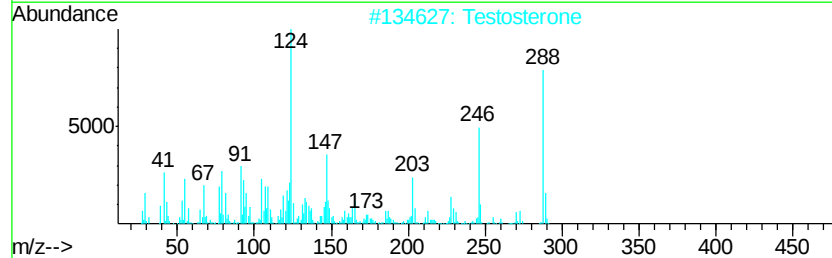
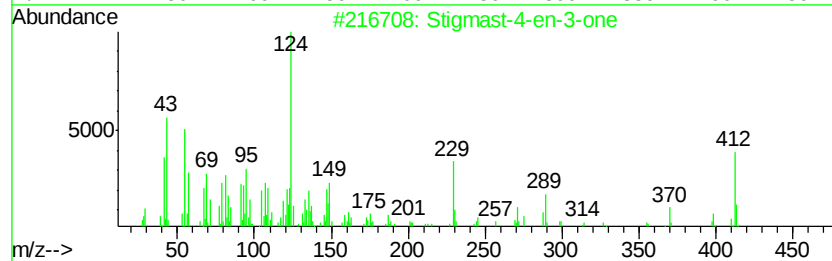
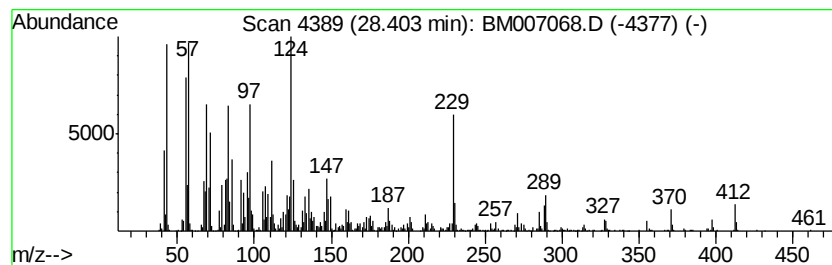
Instrument :
BNA_M
ClientSampleId :
PR002-SS006-0002-01

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 22 Stigmast-4-en-3-one Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.40	34.69 ng/ul	8197430	Perylene-d12	23.64
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Stigmast-4-en-3-one	412 C29H48O	001058-61-3 83
2		Testosterone	288 C19H28O2	000058-22-0 42
3		Cholest-5-en-3-one, 4,4-dimethyl-	412 C29H48O	002220-42-0 38
4		Thiophene-2-sulfonic acid, (3-fl...	271 C11H10FN02S2	1000311-21-1 38
5		Benzenemethanamine, 3-fluoro-	125 C7H8FN	000100-82-3 30



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081316\
 Data File : BM007068.D
 Acq On : 13 Aug 2016 14:22
 Operator : UM/SJ
 Sample : H4389-10
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PR002-SS006-0002-01

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.09	18.2	ng/ul	3381370	4	17.18	3711690	20.0
Octadecanoic acid	19.37	8.9	ng/ul	2602610	5	21.37	5833010	20.0
11H-Benzo[b]fluorene	20.10	2.5	ng/ul	733866	5	21.37	5833010	20.0
Ethanol, 2-(tetra...	21.09	16.5	ng/ul	4809830	5	21.37	5833010	20.0
(DEL) Alkane: Str...	21.53	4.3	ng/ul	1265050	5	21.37	5833010	20.0
Heptadecyl hepta...	21.99	49.8	ng/ul	14532200	5	21.37	5833010	20.0
(DEL) Alkane: Str...	22.44	7.4	ng/ul	2165990	5	21.37	5833010	20.0
Octadecanal	22.67	10.8	ng/ul	2558850	6	23.64	4725990	20.0
(DEL) Alkane: Str...	24.21	38.4	ng/ul	9061750	6	23.64	4725990	20.0
1-Heneicosanol	24.29	16.9	ng/ul	3989760	6	23.64	4725990	20.0
2-Pentacosanone	24.41	2.5	ng/ul	592638	6	23.64	4725990	20.0
Tetradecanal	24.59	3.4	ng/ul	808965	6	23.64	4725990	20.0
2-methyloctacosane	24.98	11.4	ng/ul	2682140	6	23.64	4725990	20.0
Oxirane, hexadecyl-	25.43	26.7	ng/ul	6314840	6	23.64	4725990	20.0
1-Heptacosanol	26.02	26.8	ng/ul	6325690	6	23.64	4725990	20.0
Stigmasterol	26.14	9.7	ng/ul	2296780	6	23.64	4725990	20.0
.gamma.-Sitosterol	26.78	39.5	ng/ul	9341870	6	23.64	4725990	20.0
(DEL) Alkane: Str...	26.94	9.5	ng/ul	2240270	6	23.64	4725990	20.0
Stigmast-4-en-3-one	28.40	34.7	ng/ul	8197430	6	23.64	4725990	20.0