

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062416\
 Data File : BM005968.D
 Acq On : 24 Jun 2016 16:37
 Operator : UM/SJ
 Sample : H3612-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9Z20

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-BM062216.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	6.357	636	641	649	rVB	73611	112791	1.71%	0.140%
2	6.828	714	721	733	rBV	829523	1347669	20.47%	1.674%
3	6.998	744	750	761	rBV	613591	973117	14.78%	1.209%
4	7.192	777	783	795	rVB	812877	1297011	19.70%	1.611%
5	7.663	856	863	872	rBV	1128366	1867992	28.38%	2.320%
6	7.886	895	901	907	rVB4	40498	71295	1.08%	0.089%
7	8.363	973	982	996	rBV	985507	1642111	24.95%	2.040%
8	8.810	1051	1058	1071	rBV	731280	1239769	18.83%	1.540%
9	9.528	1173	1180	1194	rVB	579322	979139	14.87%	1.216%
10	10.063	1262	1271	1282	rBV	930918	1623477	24.66%	2.017%
11	10.439	1328	1335	1348	rBV	1611304	2877670	43.72%	3.575%
12	10.580	1348	1359	1376	rBV	776318	1422738	21.61%	1.767%
13	13.721	1886	1893	1897	rBV	1567849	2293589	34.84%	2.849%
14	13.768	1897	1901	1910	rVB	520785	818296	12.43%	1.016%
15	13.998	1930	1940	1949	rBV	1824478	2827184	42.95%	3.512%
16	14.310	1981	1993	2002	rBV2	2512448	4078445	61.96%	5.066%
17	14.421	2007	2012	2017	rVB2	104602	149422	2.27%	0.186%
18	14.504	2019	2026	2033	rBV	776820	1157568	17.59%	1.438%
19	14.568	2033	2037	2043	rVB3	47425	75082	1.14%	0.093%
20	15.174	2136	2140	2146	rBV	44912	66877	1.02%	0.083%
21	15.304	2155	2162	2170	rBV	2433070	3572981	54.28%	4.438%
22	15.421	2176	2182	2190	rBV	616001	925814	14.06%	1.150%
23	16.039	2282	2287	2295	rBV	61429	111337	1.69%	0.138%
24	16.833	2416	2422	2428	rBV2	54454	85207	1.29%	0.106%
25	17.056	2453	2460	2469	rBV	3418166	4966406	75.45%	6.169%
26	17.151	2470	2476	2488	rVB2	2581447	3799562	57.72%	4.720%
27	17.956	2608	2613	2623	rBV2	152878	236114	3.59%	0.293%
28	18.533	2706	2711	2715	rBV2	82607	112527	1.71%	0.140%
29	19.245	2828	2832	2840	rBV3	45418	71540	1.09%	0.089%
30	19.450	2861	2867	2875	rVB2	3232431	4587686	69.69%	5.699%
31	20.968	3120	3125	3135	rBV2	165108	305871	4.65%	0.380%
32	21.174	3156	3160	3167	rBV	173055	214387	3.26%	0.266%
33	21.244	3167	3172	3183	rVV	4759295	6582664	100.00%	8.177%
34	21.844	3270	3274	3277	rBV3	254677	382194	5.81%	0.475%

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35	21.880	3277	3280	3285	rVB	301795	429077	6.52%	0.533%
36	22.009	3298	3302	3306	rBV	349618	459696	6.98%	0.571%
37	22.303	3346	3352	3360	rBV2	228664	389818	5.92%	0.484%
38	22.433	3371	3374	3380	rVB	194419	265856	4.04%	0.330%
39	22.809	3431	3438	3444	rBV	4132667	6346679	96.42%	7.884%
40	23.321	3518	3525	3531	rBV2	2415489	4719475	71.70%	5.862%
41	23.468	3542	3550	3562	rVB2	3289975	6509197	98.88%	8.085%
42	23.674	3581	3585	3596	rVB4	130412	260170	3.95%	0.323%
43	24.003	3635	3641	3648	rBV	933885	1802965	27.39%	2.240%
44	24.085	3652	3655	3667	rVB3	191466	360101	5.47%	0.447%
45	24.738	3760	3766	3776	rVB2	306926	712337	10.82%	0.885%
46	25.185	3835	3842	3852	rVB	262302	619804	9.42%	0.770%
47	25.597	3906	3912	3924	rVB2	272720	699343	10.62%	0.869%
48	25.732	3931	3935	3948	rVB3	163472	432102	6.56%	0.537%
49	26.473	4052	4061	4074	rVB7	514590	1586051	24.09%	1.970%
50	26.626	4079	4087	4101	rVB10	211702	1042676	15.84%	1.295%
51	27.221	4181	4188	4201	rVB6	290260	994601	15.11%	1.235%

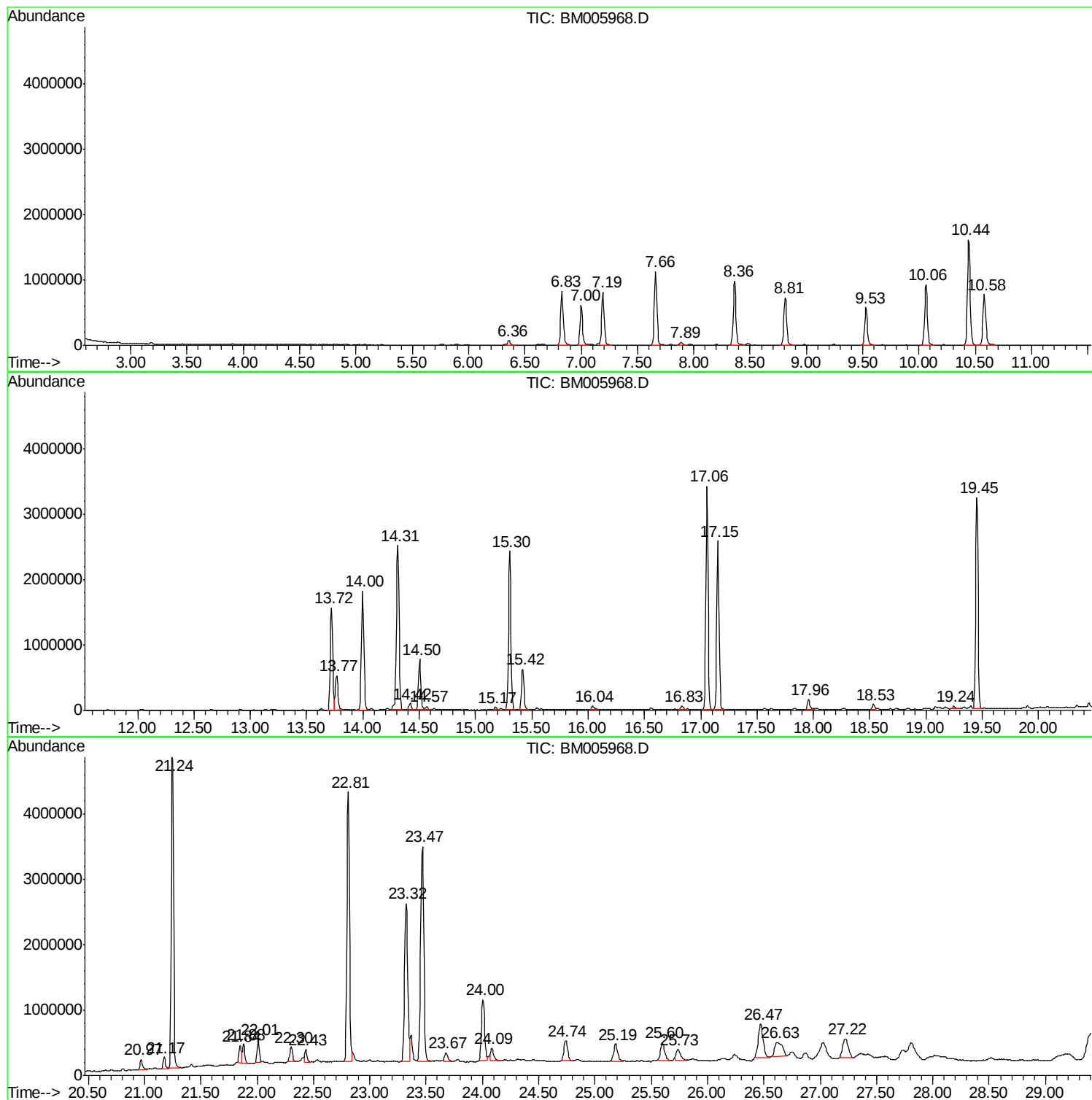
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062216.M
Quant Title : SVOA CALIBRATION

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



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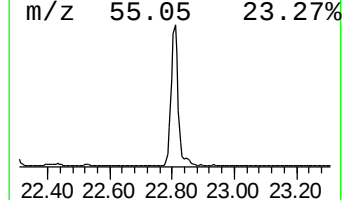
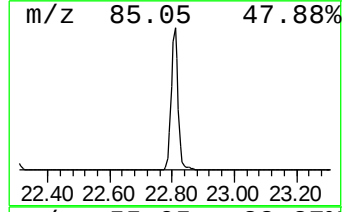
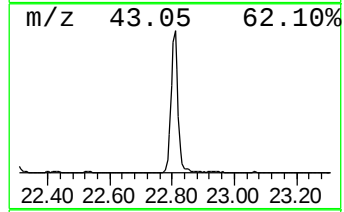
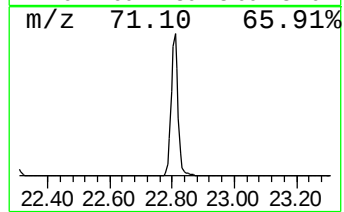
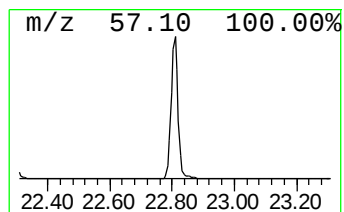
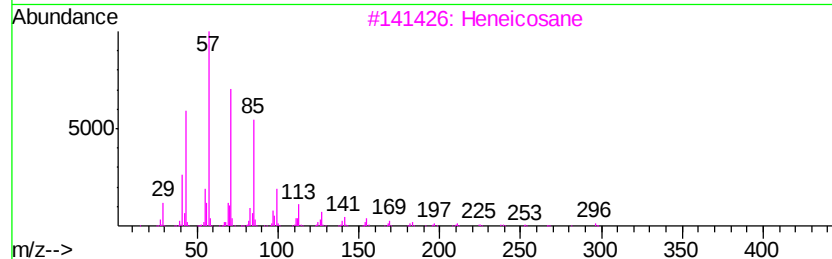
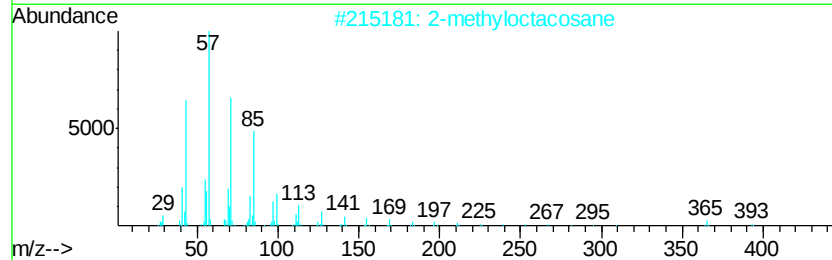
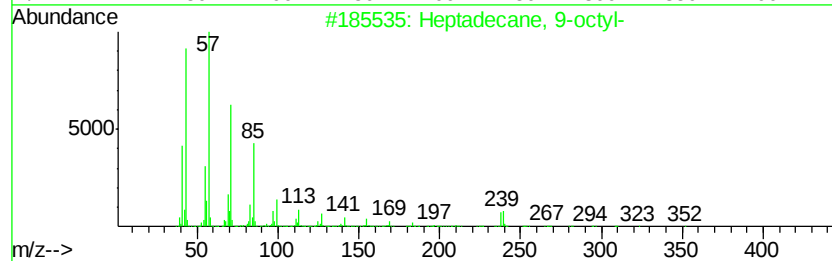
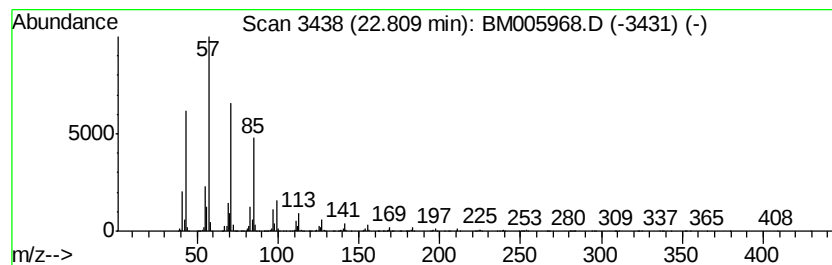
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Quant Title : SVOA CALIBRATION

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.81	19.50 ng/ul	6346680	Perylene-d12	23.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	92
2		2-methyloctacosane	408	C29H60	1000376-72-8	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Octacosane	394	C28H58	000630-02-4	91
5		Tetratetracontane	619	C44H90	007098-22-8	91



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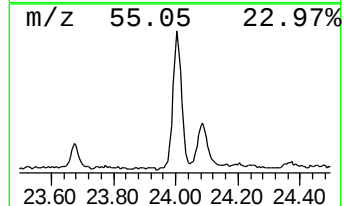
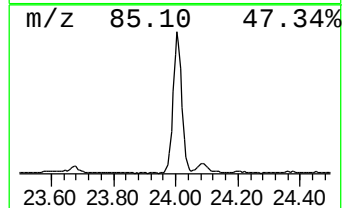
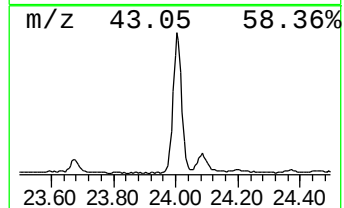
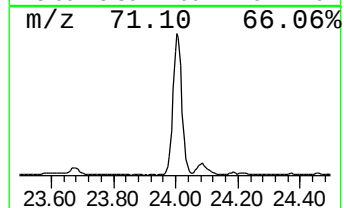
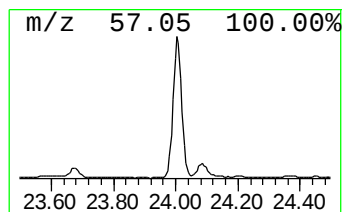
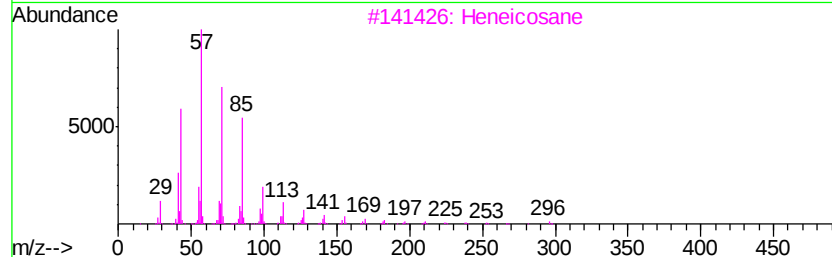
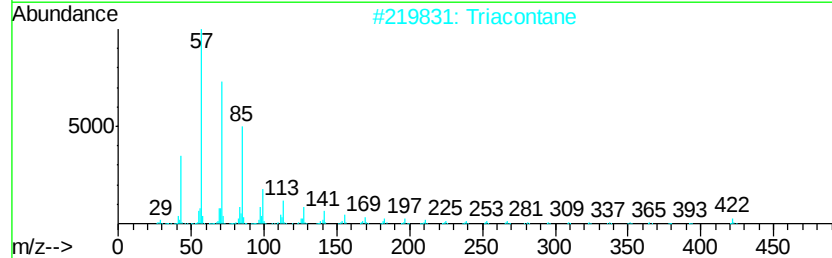
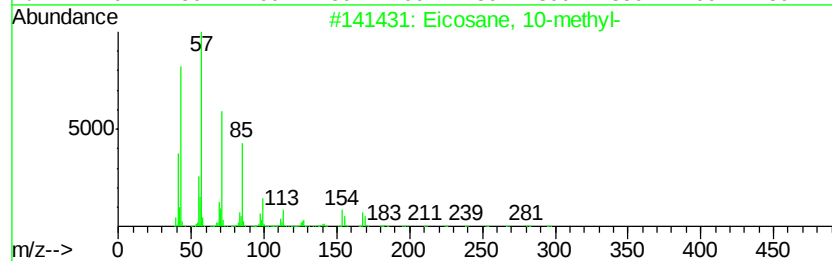
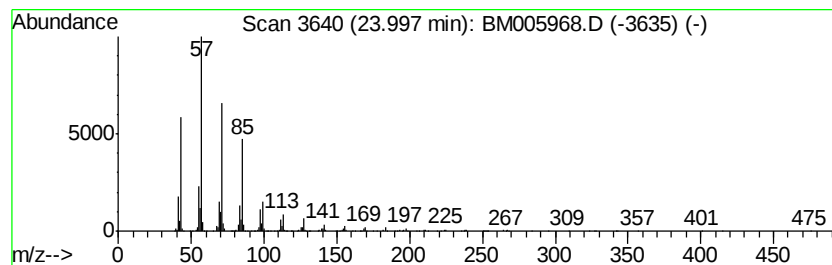
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.00	5.54 ng/ul	1802970	Perylene-d12	23.47

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane, 10-methyl-	296	C21H44	054833-23-7	94
2			Triacontane	422	C30H62	000638-68-6	91
3			Heneicosane	296	C21H44	000629-94-7	91
4			Hexacosane	366	C26H54	000630-01-3	90
5			Docosane	310	C22H46	000629-97-0	87



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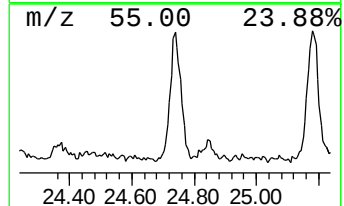
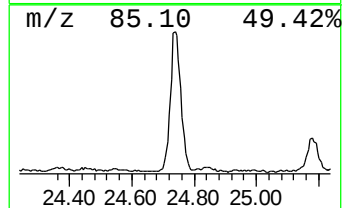
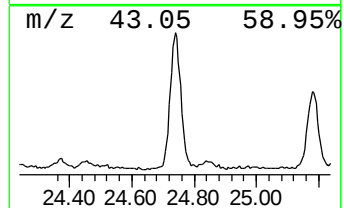
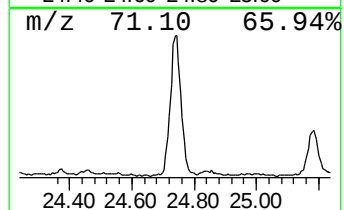
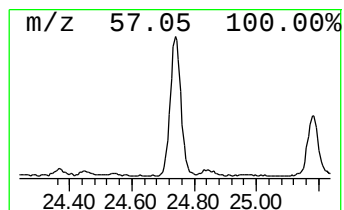
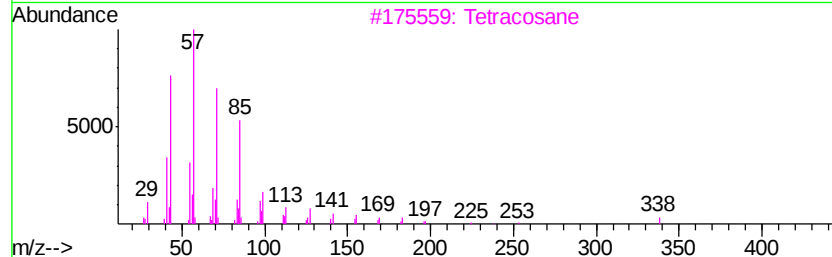
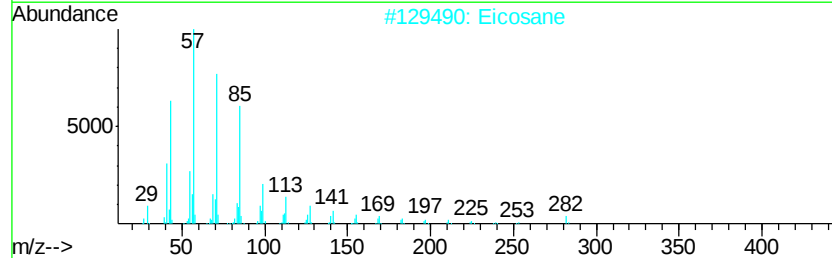
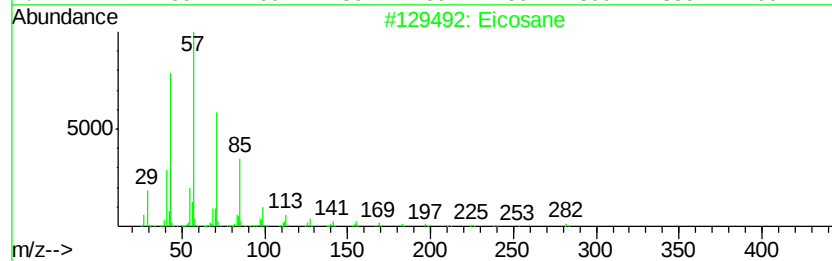
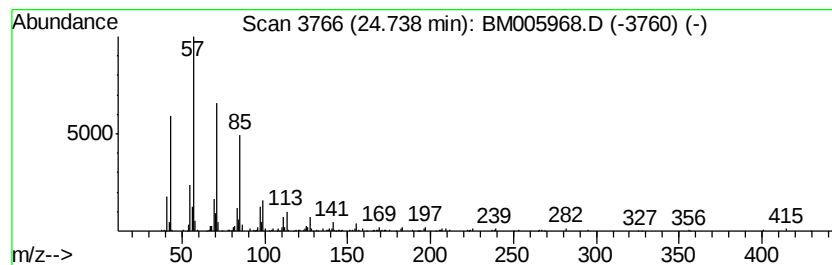
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.74	2.19 ng/ul	712337	Perylene-d12	23.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	93
2		Eicosane	282	C20H42	000112-95-8	93
3		Tetracosane	338	C24H50	000646-31-1	91
4		Tetratetracontane	619	C44H90	007098-22-8	90
5		Octacosane	394	C28H58	000630-02-4	90



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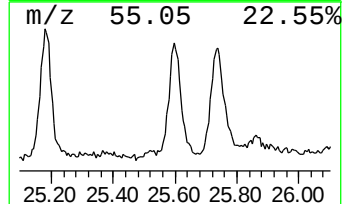
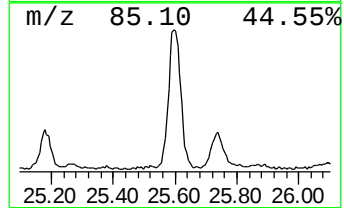
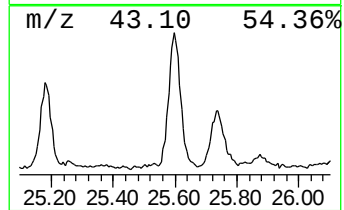
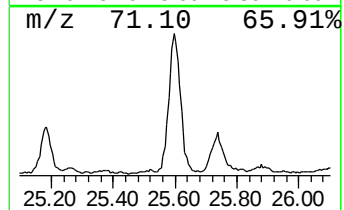
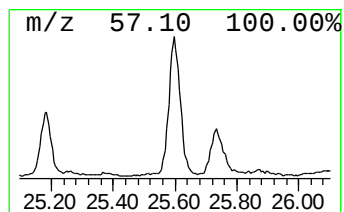
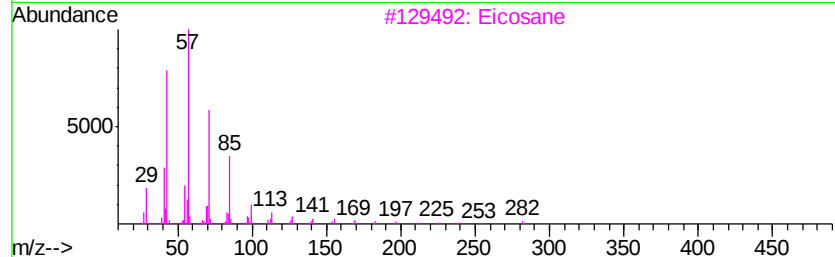
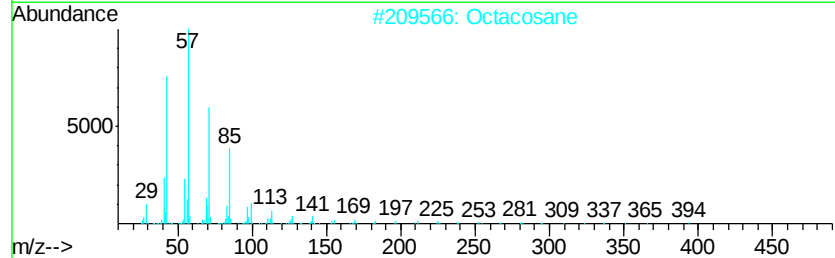
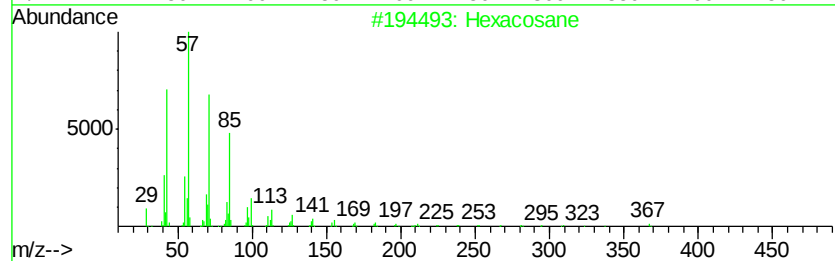
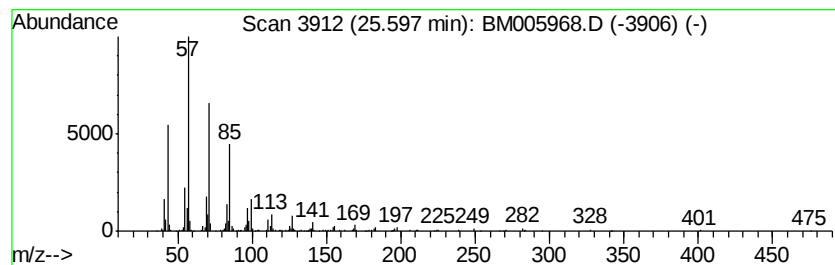
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.60	2.15 ng/ul	699343	Perylene-d12	23.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	91
2		Octacosane	394	C28H58	000630-02-4	90
3		Eicosane	282	C20H42	000112-95-8	89
4		Hexatriacontane	507	C36H74	000630-06-8	87
5		2-methyloctacosane	408	C29H60	1000376-72-8	87



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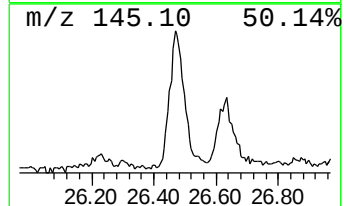
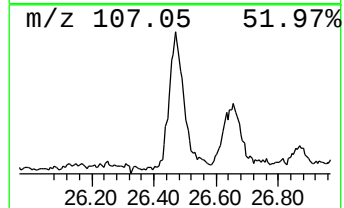
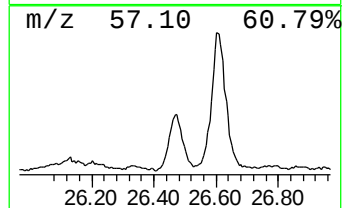
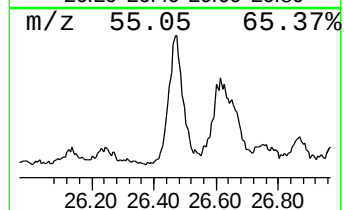
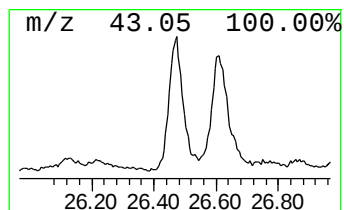
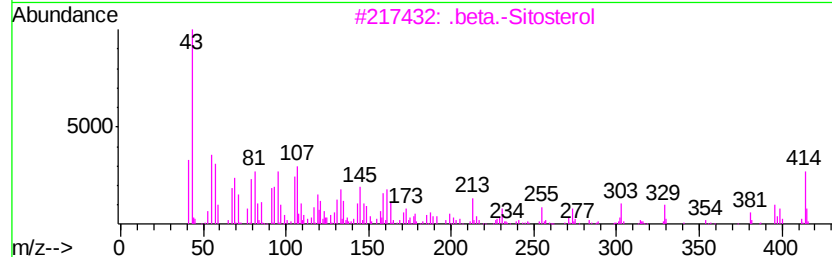
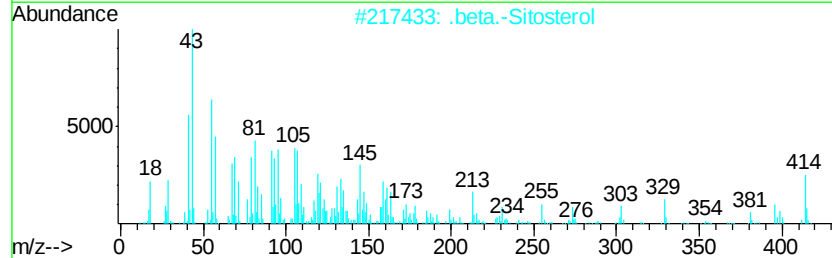
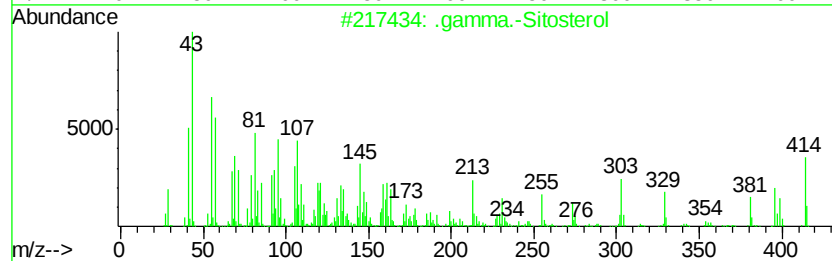
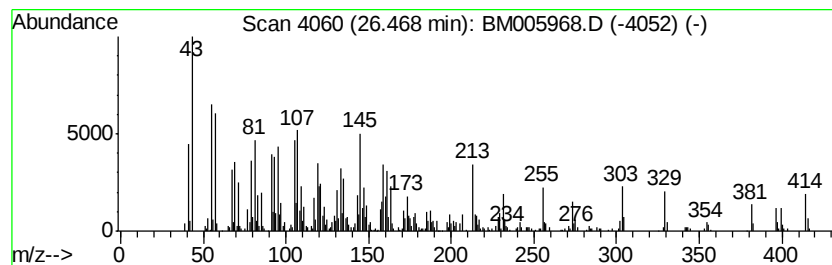
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062216.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 .gamma.-Sitosterol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.47	4.87 ng/ul	1586050	Perylene-d12	23.47
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		.gamma.-Sitosterol	414 C29H500	000083-47-6 96
2		.beta.-Sitosterol	414 C29H500	000083-46-5 94
3		.beta.-Sitosterol	414 C29H500	000083-46-5 91
4		.beta.-Sitosterol acetate	456 C31H52O2	000915-05-9 49
5		Kauren-18-ol, acetate, (4.beta.)-	330 C22H34O2	072150-74-4 38



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062416\
Data File : BM005968.D
Acq On : 24 Jun 2016 16:37
Operator : UM/SJ
Sample : H3612-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

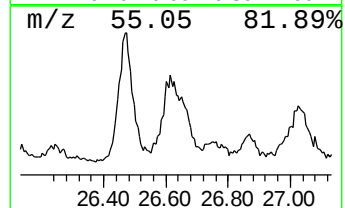
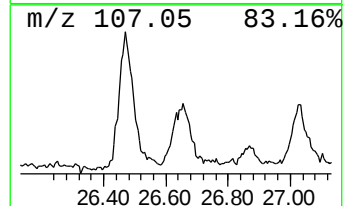
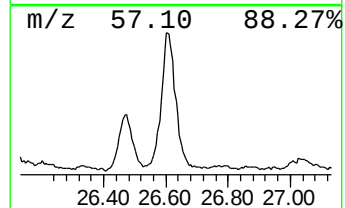
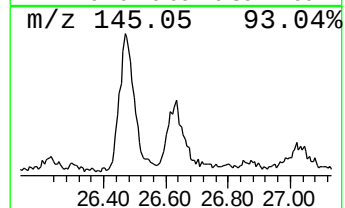
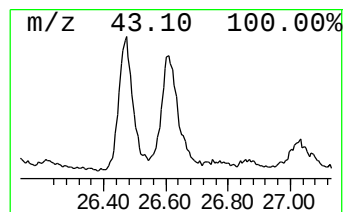
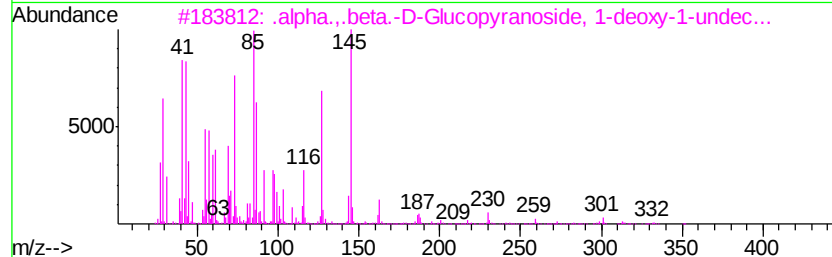
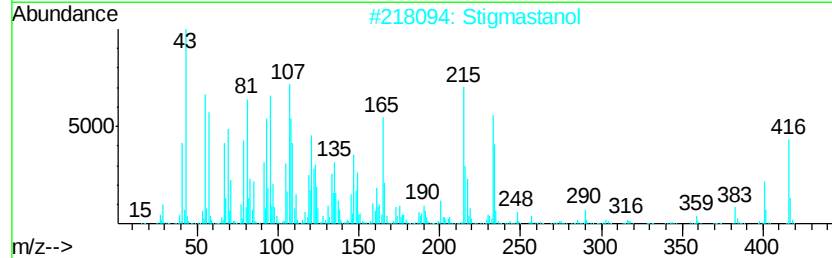
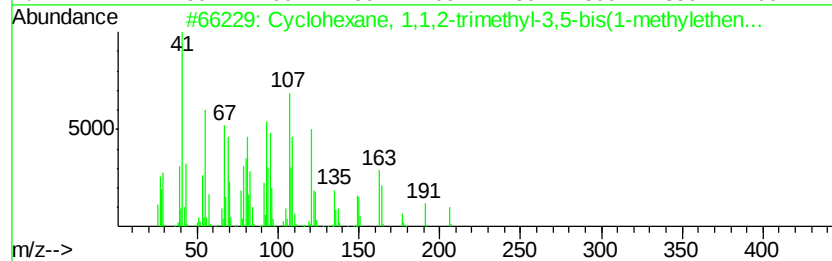
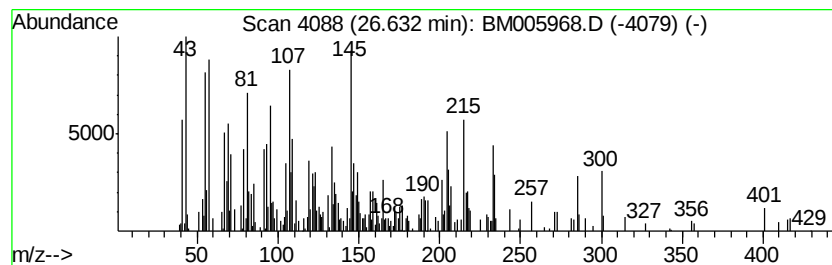
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062216.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.63	3.20 ng/ul	1042680	Perylene-d12	23.47
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclohexane, 1,1,2-trimethyl-3,5...	206 C15H26	062337-96-6 42
2		Stigmastanol	416 C29H52O	019466-47-8 35
3		.alpha.,.beta.-D-Glucopyranoside...	350 C17H34O5S	1000160-71-9 25
4		1,2-Pentanediol, 5-(6-bromodecah...	402 C20H35BrO3	115346-29-7 22
5		Perhydrocyclopropa[e]azulene-4,5...	254 C15H26O3	1000197-87-8 22



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062416\
Data File : BM005968.D
Acq On : 24 Jun 2016 16:37
Operator : UM/SJ
Sample : H3612-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9Z20

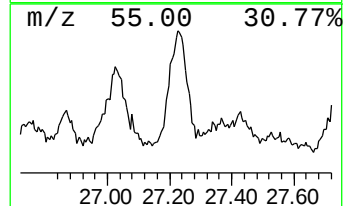
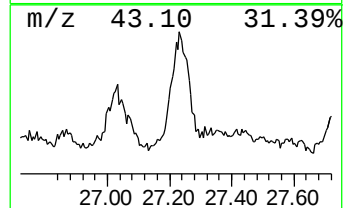
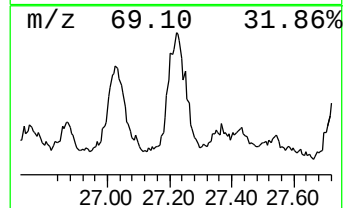
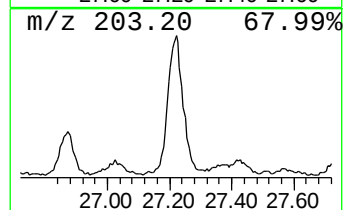
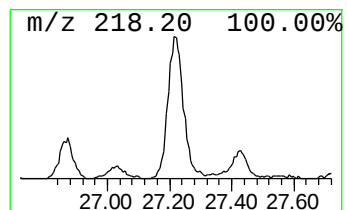
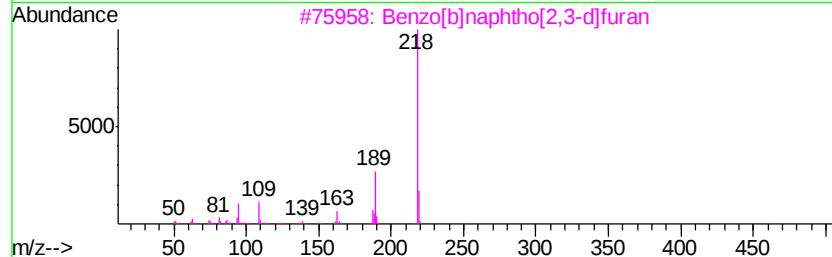
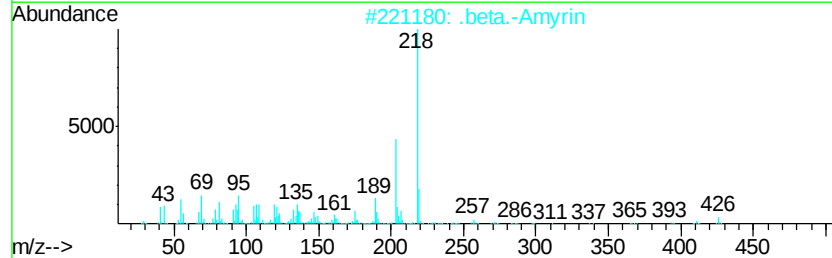
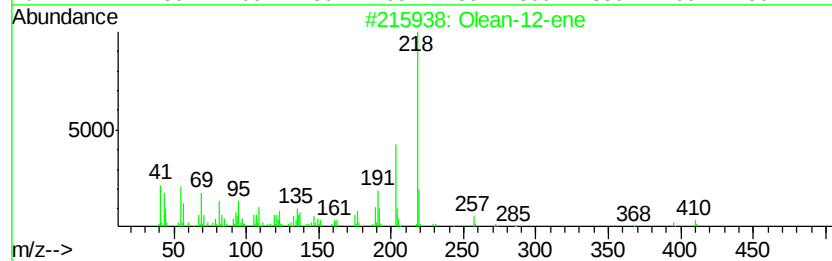
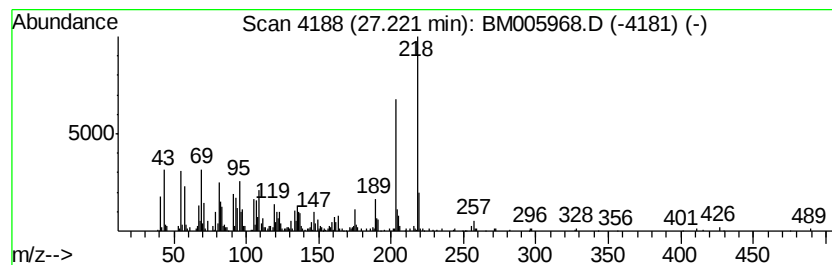
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Olean-12-ene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.22	3.06 ng/ul	994601	Perylene-d12	23.47

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Olean-12-ene	410	C30H50	000471-68-1	91
2			.beta.-Amyrin	426	C30H500	000559-70-6	91
3			Benzo[b]naphtho[2,3-d]furan	218	C16H100	000243-42-5	70
4			Olean-12-ene, 3-methoxy-, (3.bet...	440	C31H520	014021-26-2	68
5			4,4,6a,6b,8a,11,11,14b-Octamethy...	424	C30H480	1000194-62-4	64



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062416\
Data File : BM005968.D
Acq On : 24 Jun 2016 16:37
Operator : UM/SJ
Sample : H3612-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9Z20

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062216.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: Str...	22.81	19.5	ng/ul	6346680	6	23.47	6509200	20.0
(DEL) Alkane: Str...	24.00	5.5	ng/ul	1802970	6	23.47	6509200	20.0
(DEL) Alkane: Str...	24.74	2.2	ng/ul	712337	6	23.47	6509200	20.0
(DEL) Alkane: Str...	25.60	2.1	ng/ul	699343	6	23.47	6509200	20.0
.gamma.-Sitosterol	26.47	4.9	ng/ul	1586050	6	23.47	6509200	20.0
unknown-01	26.63	3.2	ng/ul	1042680	6	23.47	6509200	20.0
Olean-12-ene	27.22	3.1	ng/ul	994601	6	23.47	6509200	20.0