

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060115\
 Data File : BG017371.D
 Acq On : 1 Jun 2015 14:43
 Operator : TP/IZ
 Sample : G2431-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BCRF9

Integration Parameters: LSCINT.P

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

Filtering: 5
 Min Area: 0.1 % 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_G\METHODS\SOM02.2-EPA-BG052915.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	2.760	9	12	16	rBV3	4314	6514	0.54%	0.045%
2	2.795	16	18	24	rVB4	6030	8672	0.72%	0.060%
3	2.848	24	27	31	rBV4	2407	3840	0.32%	0.027%
4	3.066	59	64	71	rVB4	6658	9173	0.76%	0.064%
5	3.359	112	114	120	rBV4	3215	4743	0.40%	0.033%
6	4.053	228	232	235	rVB2	4222	5720	0.48%	0.040%
7	4.464	299	302	308	rVB4	3245	4742	0.40%	0.033%
8	5.721	511	516	522	rBV4	2584	4946	0.41%	0.034%
9	6.156	586	590	598	rBV	18422	32043	2.67%	0.223%
10	6.844	700	707	717	rVB	118145	191781	15.99%	1.333%
11	6.979	723	730	738	rVB	80978	117848	9.83%	0.819%
12	7.178	759	764	774	rVB	116935	184787	15.41%	1.285%
13	7.643	835	843	851	rVB	126009	195224	16.28%	1.357%
14	8.371	961	967	975	rBV2	135400	222589	18.56%	1.548%
15	8.800	1033	1040	1049	rBV	107672	176838	14.74%	1.230%
16	9.523	1156	1163	1170	rBV2	108907	174149	14.52%	1.211%
17	10.075	1250	1257	1267	rBV2	147233	244560	20.39%	1.700%
18	10.222	1278	1282	1287	rBV2	4078	6839	0.57%	0.048%
19	10.434	1311	1318	1325	rBV	175097	288184	24.03%	2.004%
20	10.580	1338	1343	1352	rBV2	66016	128921	10.75%	0.896%
21	12.649	1691	1695	1701	rVB2	4871	6646	0.55%	0.046%
22	12.907	1734	1739	1743	rVV3	7490	9869	0.82%	0.069%
23	13.718	1872	1877	1881	rVV	227288	310001	25.85%	2.155%
24	13.765	1881	1885	1894	rVB	70194	93503	7.80%	0.650%
25	13.994	1915	1924	1931	rBV	277861	391842	32.67%	2.725%
26	14.211	1954	1961	1965	rBV4	4040	6002	0.50%	0.042%
27	14.305	1971	1977	1983	rBV2	252967	390725	32.58%	2.717%
28	14.558	2014	2020	2031	rBV	102148	169335	14.12%	1.177%
29	15.163	2120	2123	2128	rVB4	9562	11157	0.93%	0.078%
30	15.298	2140	2146	2154	rBV	339367	477019	39.77%	3.317%
31	15.428	2163	2168	2174	rBV	121698	160648	13.39%	1.117%
32	15.551	2184	2189	2190	rBV2	2982	4201	0.35%	0.029%
33	15.563	2190	2191	2197	rVV4	3782	5331	0.44%	0.037%
34	16.027	2265	2270	2275	rBV2	11730	19033	1.59%	0.132%

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35	16.374	2324	2329	2330	rBV2	2375	4025	0.34%	0.028%
36	16.474	2341	2346	2351	rBV4	3049	6628	0.55%	0.046%
37	16.820	2400	2405	2411	rBV3	12844	19037	1.59%	0.132%
38	16.867	2411	2413	2420	rVB6	3795	5755	0.48%	0.040%
39	16.961	2426	2429	2432	rBV4	3579	4277	0.36%	0.030%
40	17.055	2438	2445	2450	rVV	351968	477223	39.79%	3.318%
41	17.096	2450	2452	2456	rVV3	12095	13737	1.15%	0.096%
42	17.155	2456	2462	2471	rVB2	361494	526001	43.85%	3.657%
43	17.560	2525	2531	2536	rBV2	9378	13998	1.17%	0.097%
44	17.766	2563	2566	2571	rVB3	8983	10178	0.85%	0.071%
45	17.842	2574	2579	2583	rBV4	5262	7540	0.63%	0.052%
46	17.901	2585	2589	2593	rVV6	6423	9844	0.82%	0.068%
47	17.960	2593	2599	2609	rVV2	90964	140990	11.75%	0.980%
48	18.025	2609	2610	2615	rVV3	5295	6769	0.56%	0.047%
49	18.125	2624	2627	2629	rVV3	5410	6496	0.54%	0.045%
50	18.254	2644	2649	2652	rBV3	6453	9958	0.83%	0.069%
51	18.894	2754	2758	2760	rVV4	5222	6911	0.58%	0.048%
52	18.982	2769	2773	2774	rVV3	7332	8998	0.75%	0.063%
53	19.117	2792	2796	2802	rVV	34942	46257	3.86%	0.322%
54	19.241	2814	2817	2828	rVB4	24076	37735	3.15%	0.262%
55	19.394	2840	2843	2846	rBV4	4667	4344	0.36%	0.030%
56	19.452	2848	2853	2866	rVB2	426809	636220	53.04%	4.424%
57	19.593	2875	2877	2882	rBV4	13306	16568	1.38%	0.115%
58	19.652	2886	2887	2894	rVB7	4679	6801	0.57%	0.047%
59	19.723	2894	2899	2900	rBV4	3335	4248	0.35%	0.030%
60	19.770	2904	2907	2908	rBV4	4064	4077	0.34%	0.028%
61	19.893	2926	2928	2933	rBV6	5071	6895	0.57%	0.048%
62	19.969	2937	2941	2945	rBV4	37011	54454	4.54%	0.379%
63	20.181	2973	2977	2978	rBV3	5565	5736	0.48%	0.040%
64	20.293	2991	2996	2999	rBV6	6716	13910	1.16%	0.097%
65	20.328	2999	3002	3007	rVB7	9550	15546	1.30%	0.108%
66	20.428	3015	3019	3021	rBV5	5166	7455	0.62%	0.052%
67	20.486	3025	3029	3030	rBV4	10971	11601	0.97%	0.081%
68	20.545	3035	3039	3041	rBV5	14106	15372	1.28%	0.107%
69	20.669	3058	3060	3065	rVB5	9236	11146	0.93%	0.078%
70	20.892	3096	3098	3100	rBV3	6048	6847	0.57%	0.048%
71	20.956	3105	3109	3116	rVV	217689	270730	22.57%	1.882%

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72	21.027	3118	3121	3127	rVB2	27135	42051	3.51%	0.292%
73	21.162	3142	3144	3147	rVB2	19123	19112	1.59%	0.133%
74	21.244	3152	3158	3162	rBV	449883	563744	47.00%	3.920%
75	21.356	3175	3177	3180	rBV4	7627	5592	0.47%	0.039%
76	21.403	3180	3185	3189	rBV6	19017	31856	2.66%	0.222%
77	21.579	3211	3215	3220	rBV7	19273	30505	2.54%	0.212%
78	21.844	3254	3260	3270	rVB3	59218	139553	11.63%	0.970%
79	22.290	3332	3336	3340	rBV3	31761	39520	3.29%	0.275%
80	22.419	3354	3358	3362	rVB	30570	39243	3.27%	0.273%
81	22.519	3370	3375	3384	rBV	548939	754703	62.92%	5.248%
82	22.801	3418	3423	3426	rBV2	162955	249726	20.82%	1.736%
83	22.848	3426	3431	3441	rVB	724552	1199425	100.00%	8.340%
84	23.289	3503	3506	3507	rBV2	13696	14136	1.18%	0.098%
85	23.342	3509	3515	3526	rVB2	300581	613906	51.18%	4.269%
86	23.489	3533	3540	3545	rBV	286625	500443	41.72%	3.480%
87	23.689	3568	3574	3581	rVB2	145526	273198	22.78%	1.900%
88	24.018	3624	3630	3640	rVB	318691	637537	53.15%	4.433%
89	24.106	3640	3645	3656	rBV3	110081	234766	19.57%	1.632%
90	24.217	3660	3664	3669	rVB5	21796	38033	3.17%	0.264%
91	24.776	3754	3759	3765	rVB6	33346	67421	5.62%	0.469%
92	25.234	3833	3837	3847	rVB6	43996	102343	8.53%	0.712%
93	25.663	3902	3910	3924	rBV3	148620	538347	44.88%	3.743%
94	25.939	3950	3957	3970	rVB6	77177	254327	21.20%	1.768%
95	26.239	4001	4008	4019	rVB6	75653	249142	20.77%	1.732%
96	26.562	4058	4063	4072	rVB7	81317	221043	18.43%	1.537%
97	27.061	4143	4148	4163	rVV7	47054	183064	15.26%	1.273%
98	27.184	4166	4169	4181	rVB10	52733	140046	11.68%	0.974%
99	27.367	4188	4200	4217	rBV10	73067	372371	31.05%	2.589%
100	28.166	4328	4336	4351	rVB10	76785	305040	25.43%	2.121%

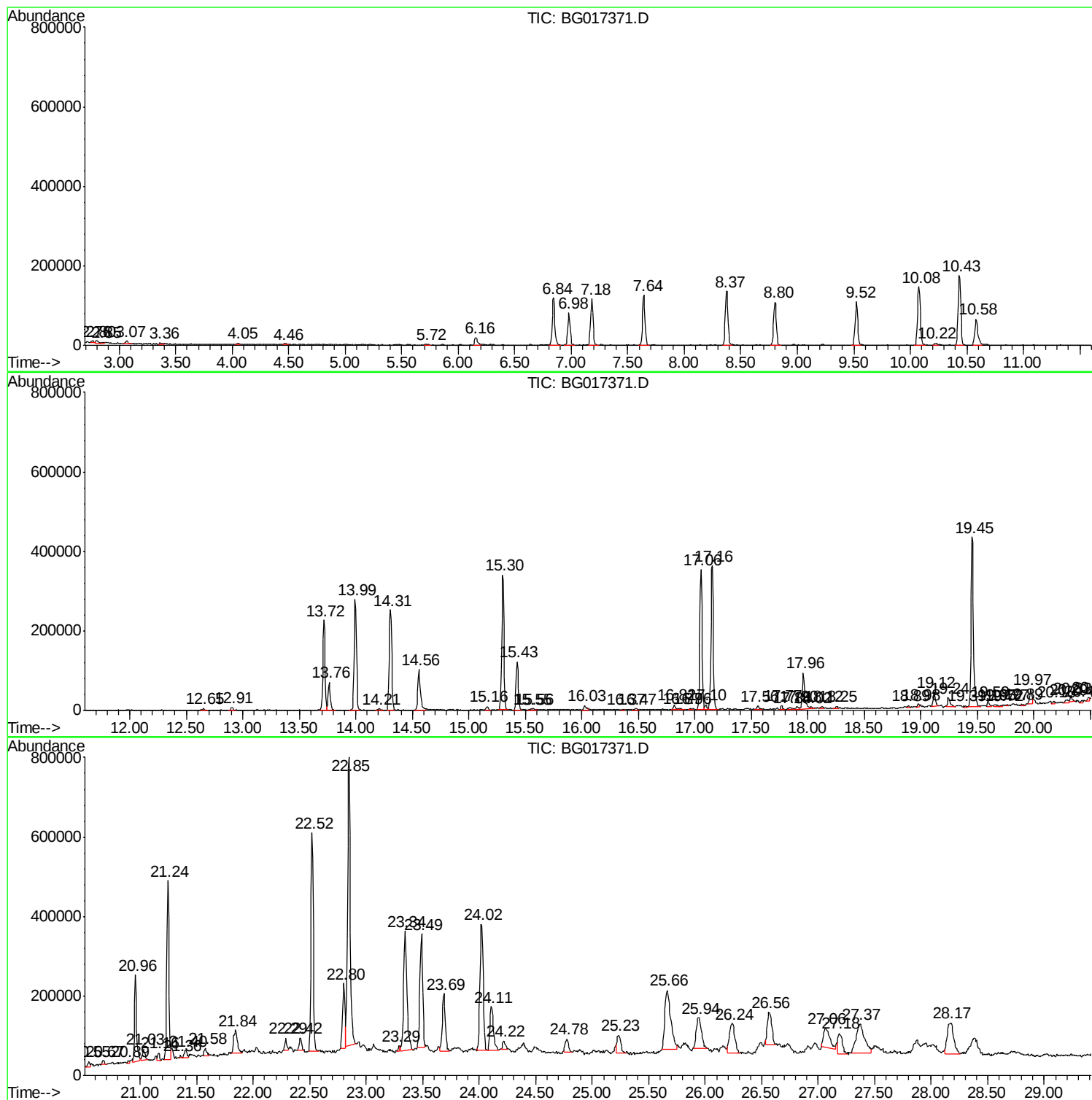
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052915.M
Quant Title : SVOA CALIBRATION

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



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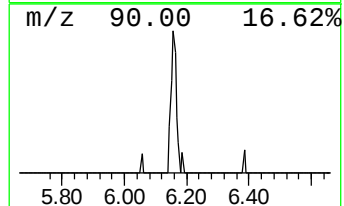
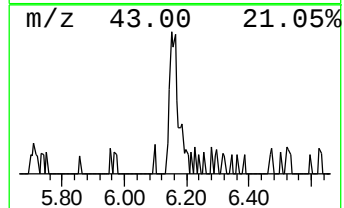
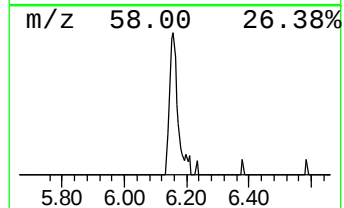
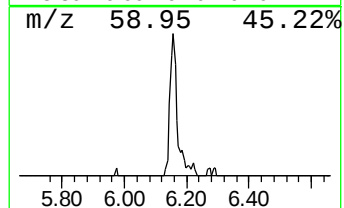
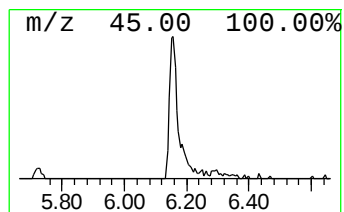
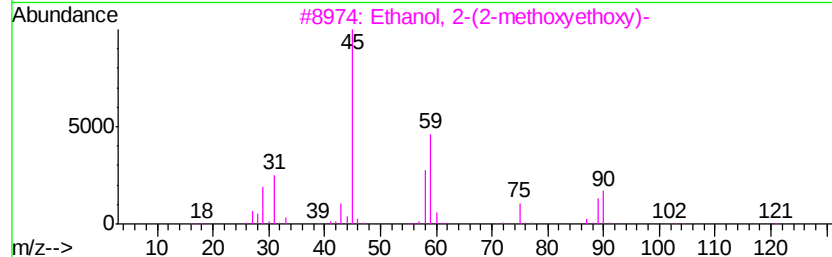
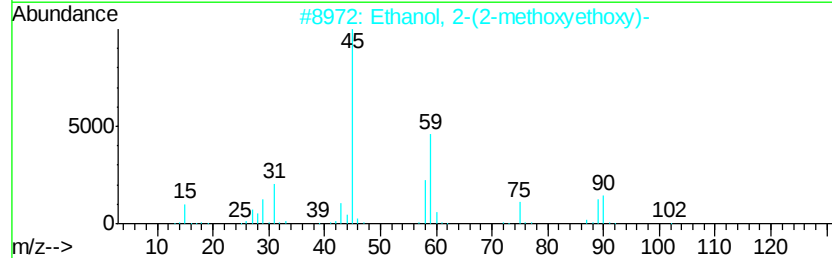
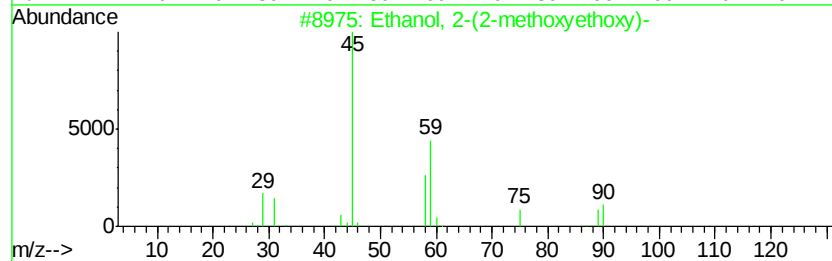
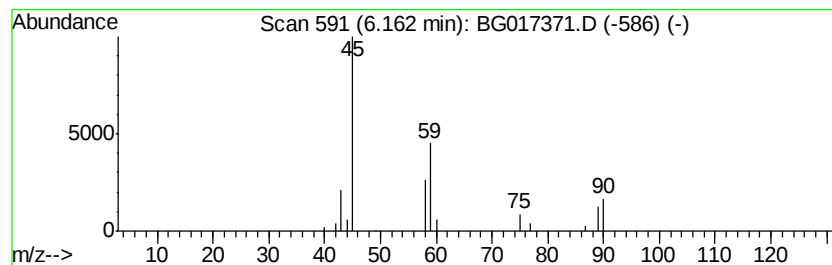
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052915.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Ethanol, 2-(2-methoxyethoxy)- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.16	3.28 ng/ul	32043	1,4-Dichlorobenzene-d4	7.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanol, 2-(2-methoxyethoxy)-	120	C5H12O3	000111-77-3	83
2		Ethanol, 2-(2-methoxyethoxy)-	120	C5H12O3	000111-77-3	74
3		Ethanol, 2-(2-methoxyethoxy)-	120	C5H12O3	000111-77-3	56
4		Ethanol, 2-(2-methoxyethoxy)-	120	C5H12O3	000111-77-3	53
5		Ethane, 1,2-dimethoxy-	90	C4H10O2	000110-71-4	9



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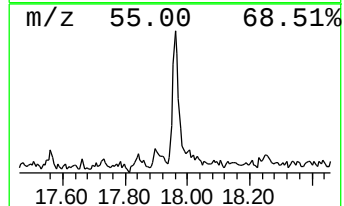
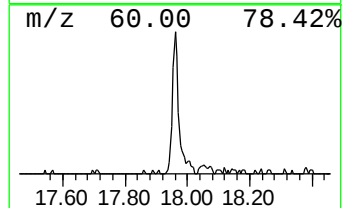
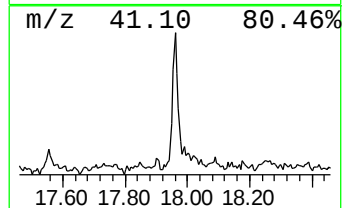
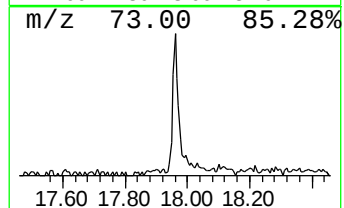
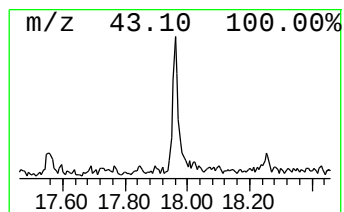
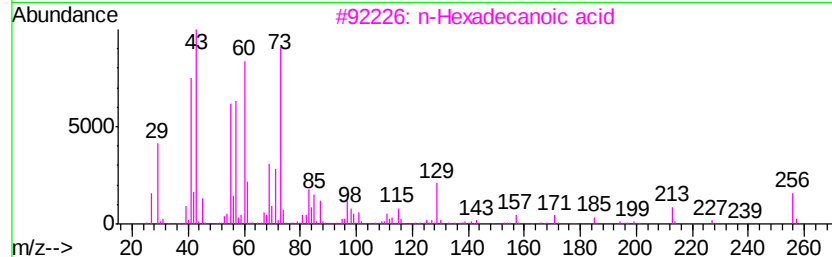
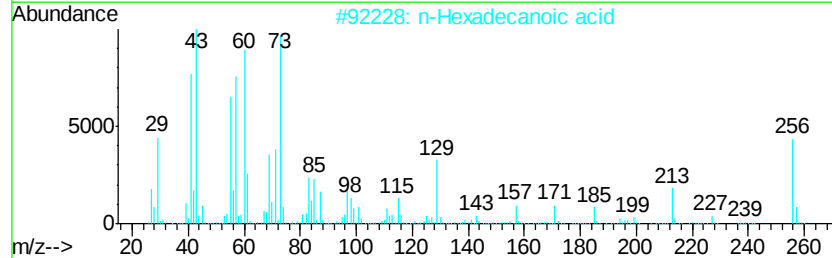
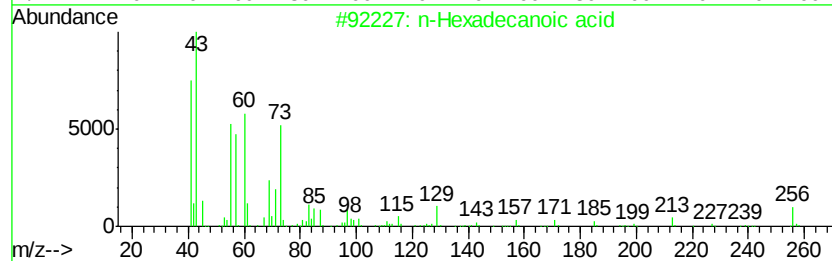
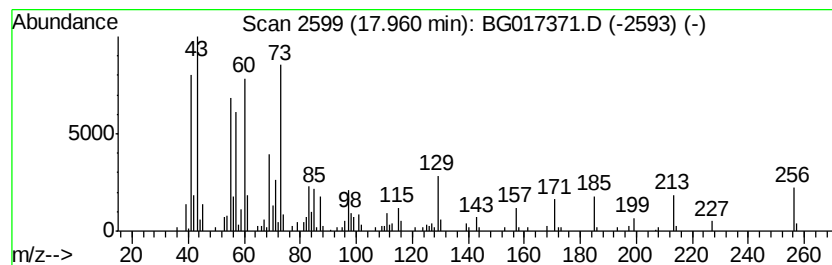
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 n-Hexadecanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.96	5.91 ng/ul	140990	Phenanthrene-d10	17.06		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98	
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97	
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95	
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	76	
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	64	



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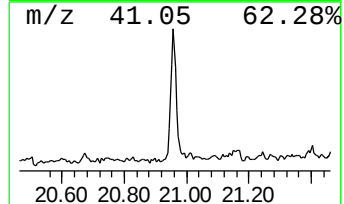
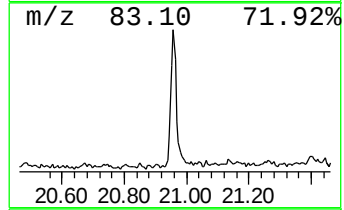
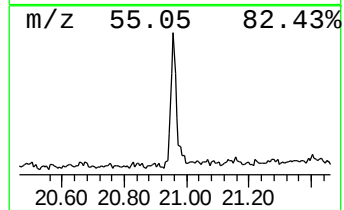
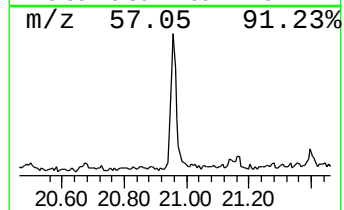
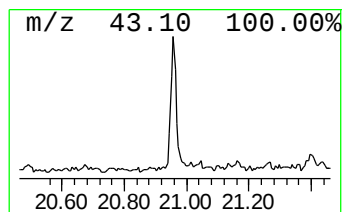
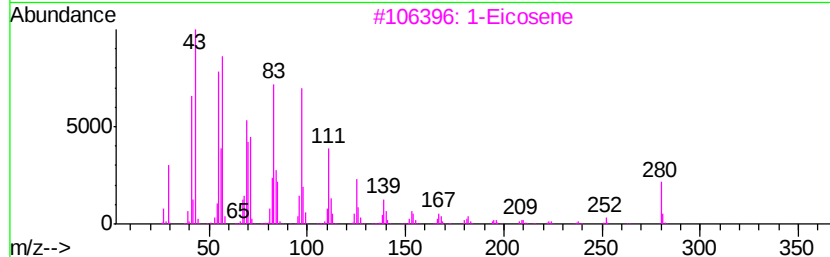
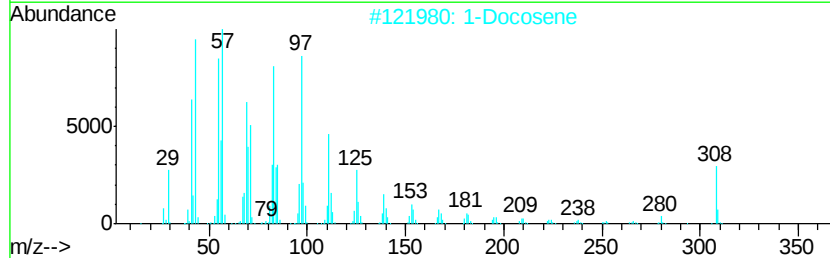
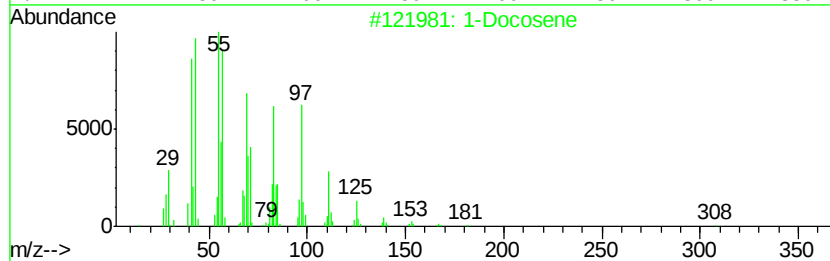
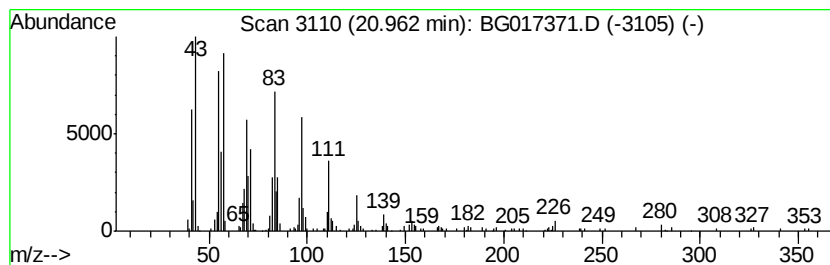
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Peak Number 3 (DEL) Alkane: Cyclic-01 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.96	9.60 ng/ul	270730	Chrysene-d12	21.24	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	99
2	1-Docosene	308	C22H44	001599-67-3	99
3	1-Eicosene	280	C20H40	003452-07-1	96
4	1-Eicosene	280	C20H40	003452-07-1	94
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060115\
Data File : BG017371.D
Acq On : 1 Jun 2015 14:43
Operator : TP/IZ
Sample : G2431-06
Misc :
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Instrument :
BNA_G
ClientSampleId :
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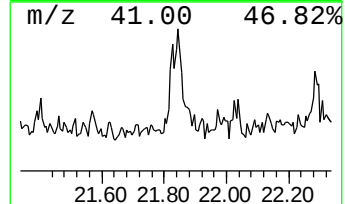
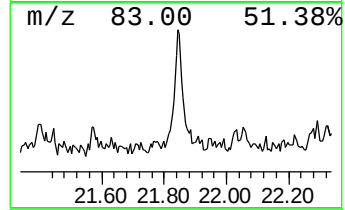
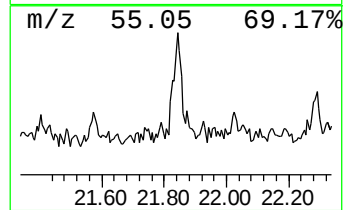
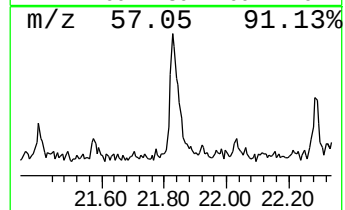
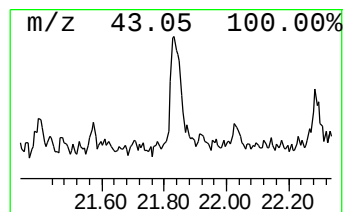
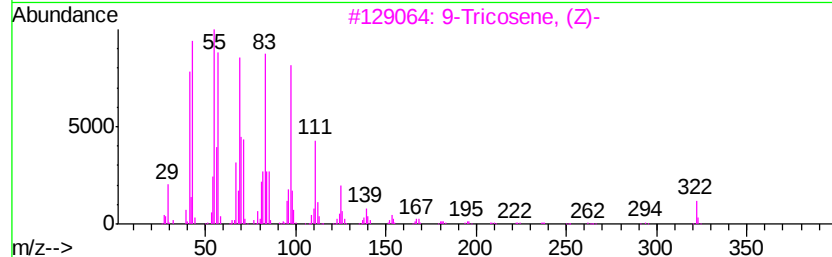
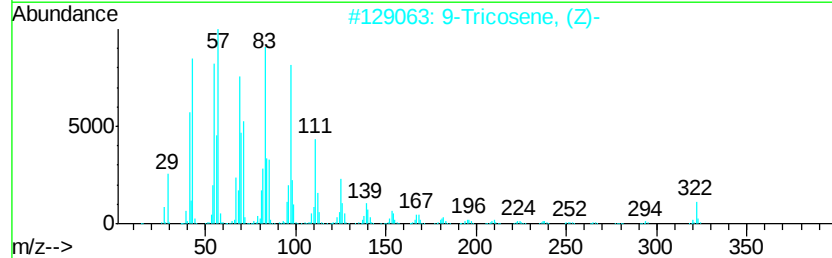
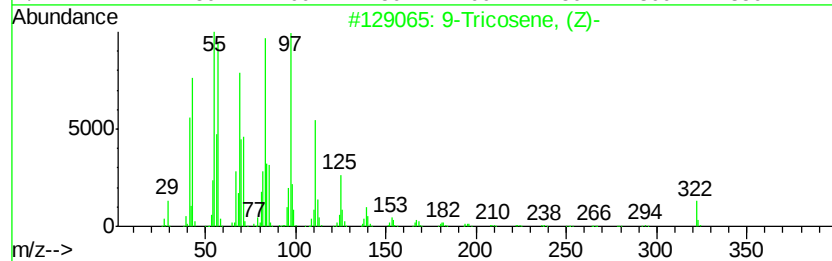
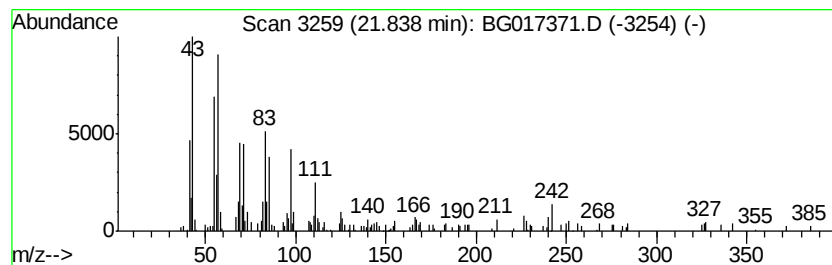
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Cyclic-02 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.84	4.95 ng/ul	139553	Chrysene-d12	21.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Tricosene, (Z)-	322	C23H46	027519-02-4	91
2		9-Tricosene, (Z)-	322	C23H46	027519-02-4	91
3		9-Tricosene, (Z)-	322	C23H46	027519-02-4	87
4		11-Tricosene	322	C23H46	052078-56-5	87
5		E-14-Hexadecenal	238	C16H30O	330207-53-9	83



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060115\
Data File : BG017371.D
Acq On : 1 Jun 2015 14:43
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Sample : G2431-06
Misc :
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Instrument :
BNA_G
ClientSampleId :
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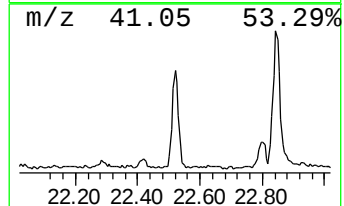
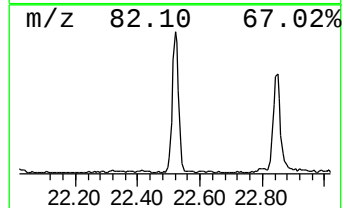
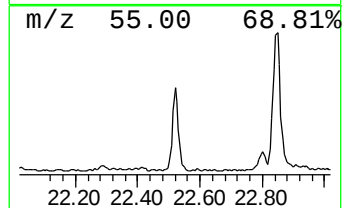
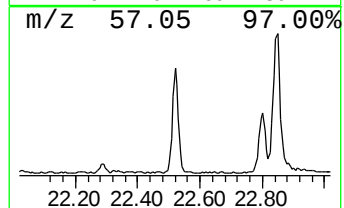
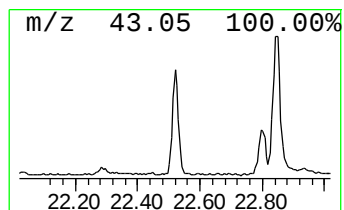
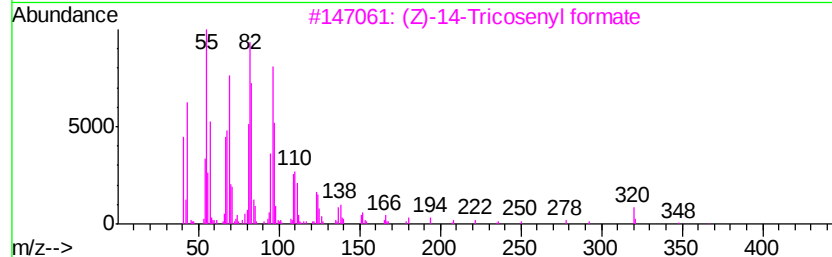
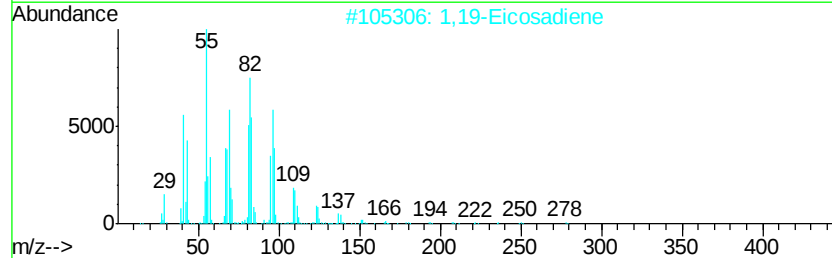
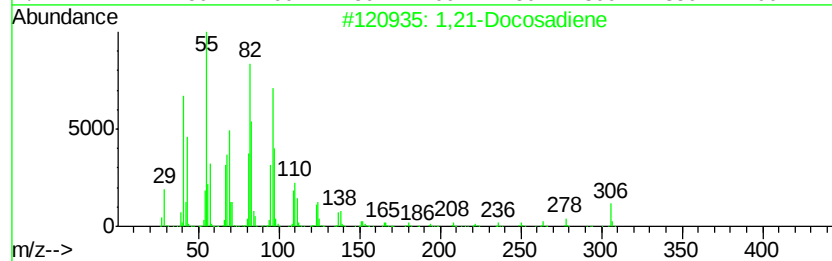
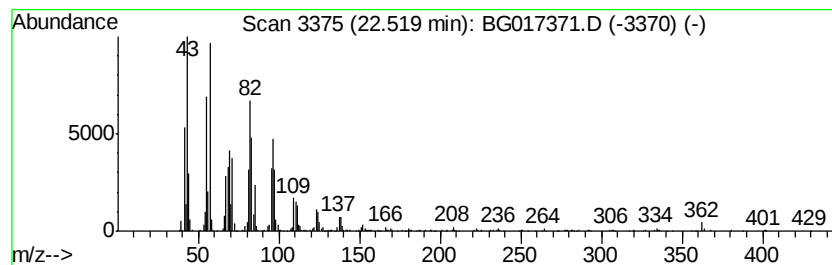
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 1,21-Docosadiene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.52	30.16 ng/ul	754703	Perylene-d12	23.49

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,21-Docosadiene		306	C22H42	053057-53-7	98
2	1,19-Eicosadiene		278	C20H38	014811-95-1	95
3	(Z)-14-Tricosenyl formate		366	C24H46O2	077899-10-6	93
4	Octadecanal		268	C18H36O	000638-66-4	91
5	Z-11,13-Dimethyl-11-tetradecen-1...		282	C18H34O2	1000131-36-6	91



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060115\
Data File : BG017371.D
Acq On : 1 Jun 2015 14:43
Operator : TP/IZ
Sample : G2431-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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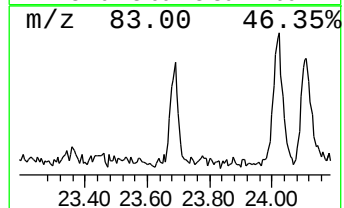
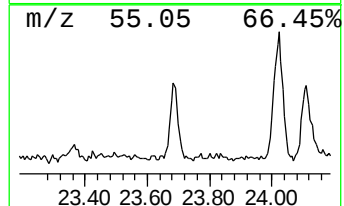
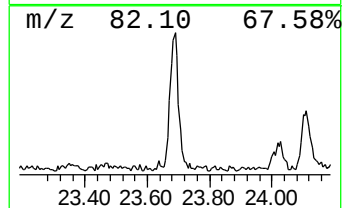
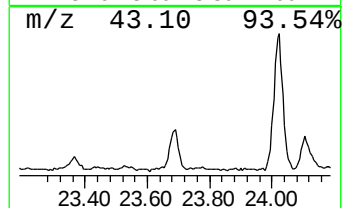
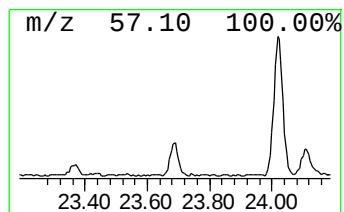
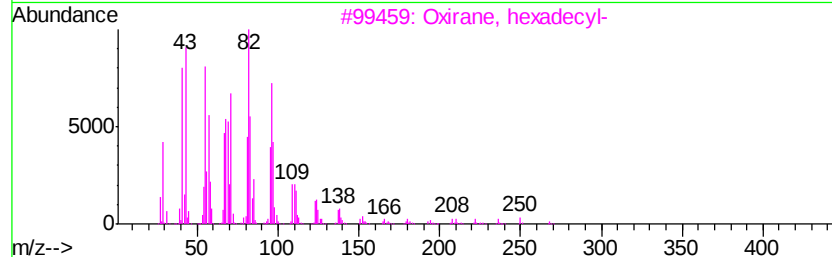
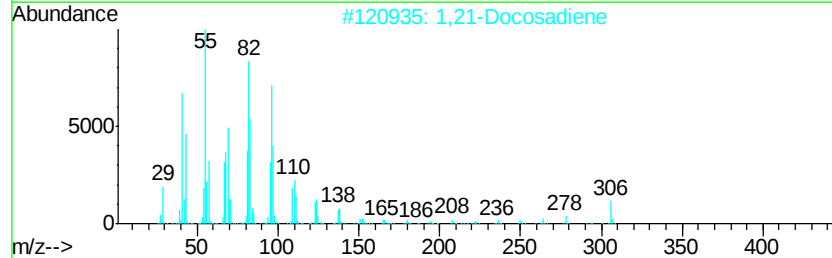
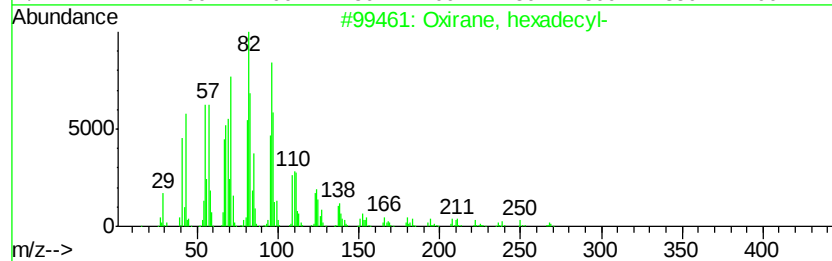
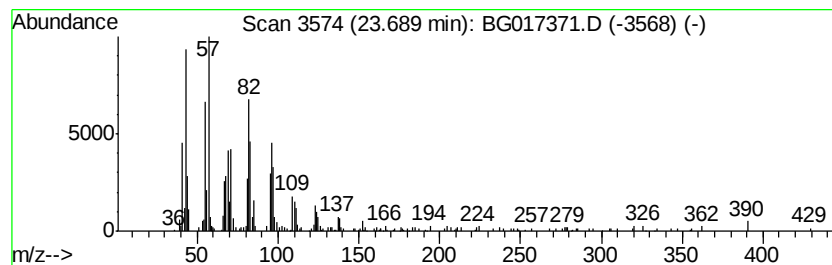
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Oxirane, hexadecyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.69	10.92 ng/ul	273198	Perylene-d12	23.49

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	98	
2	1,21-Docosadiene	306	C22H42	053057-53-7	97	
3	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	95	
4	1,19-Eicosadiene	278	C20H38	014811-95-1	95	
5	Octadecanal	268	C18H36O	000638-66-4	94	



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060115\
Data File : BG017371.D
Acq On : 1 Jun 2015 14:43
Operator : TP/IZ
Sample : G2431-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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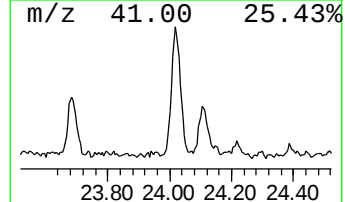
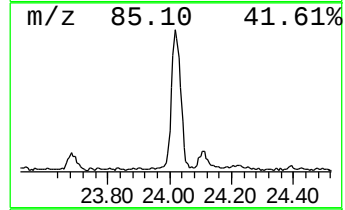
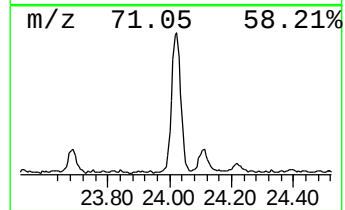
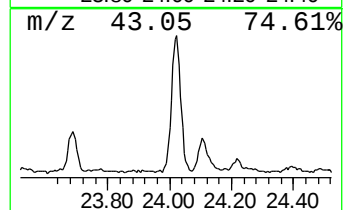
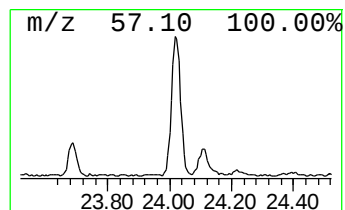
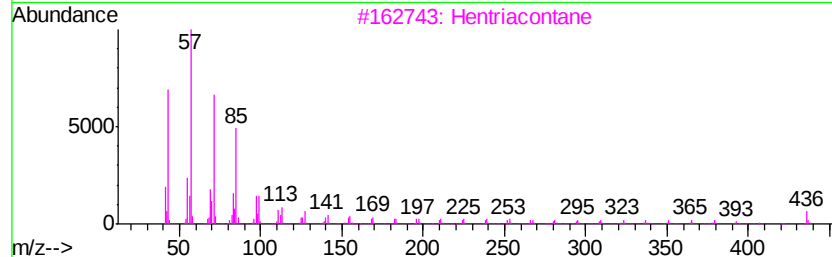
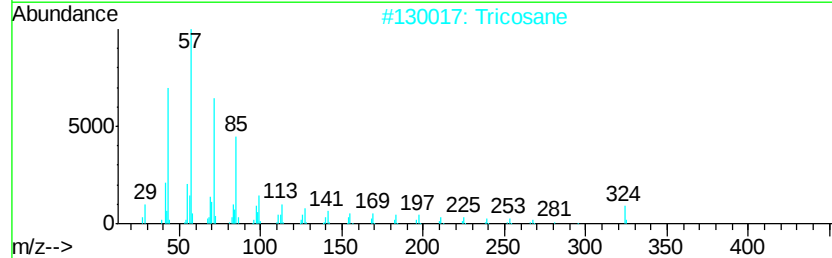
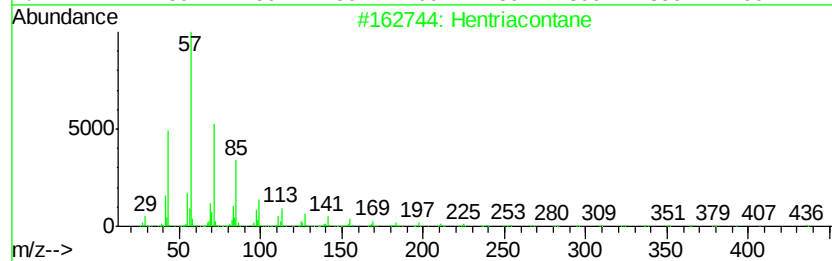
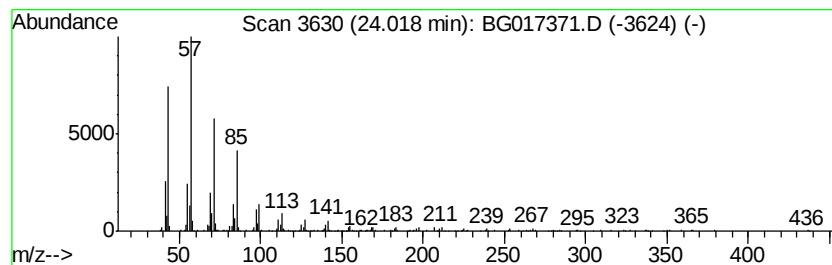
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.02	25.48 ng/ul	637537	Perylene-d12	23.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hentriacontane	437	C31H64	000630-04-6	96
2		Tricosane	324	C23H48	000638-67-5	94
3		Hentriacontane	437	C31H64	000630-04-6	94
4		Tricosane, 2-methyl-	338	C24H50	001928-30-9	93
5		Octacosane	394	C28H58	000630-02-4	90



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060115\
Data File : BG017371.D
Acq On : 1 Jun 2015 14:43
Operator : TP/IZ
Sample : G2431-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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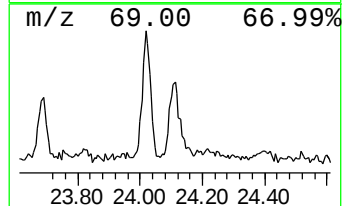
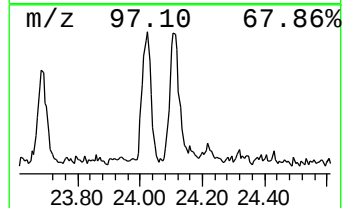
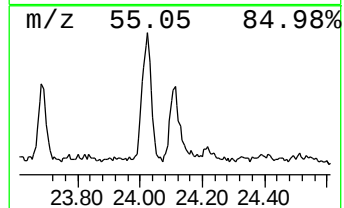
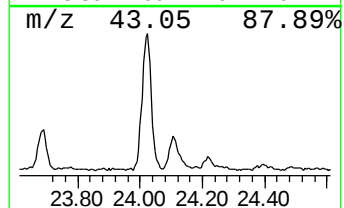
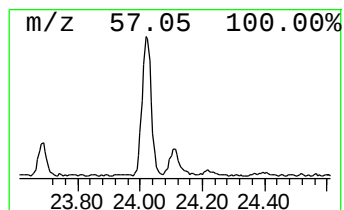
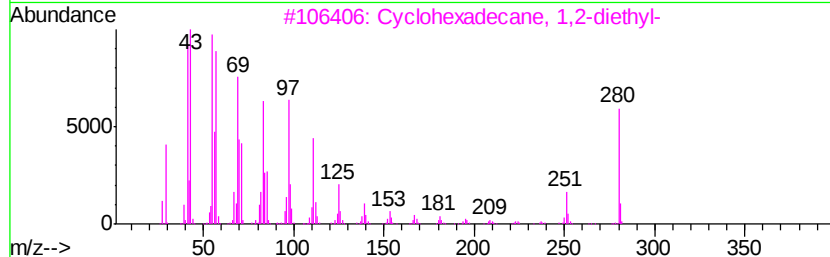
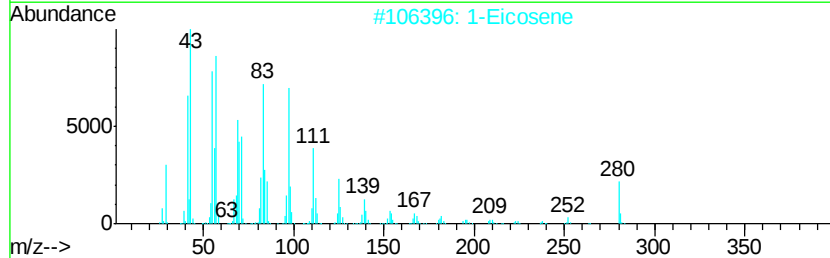
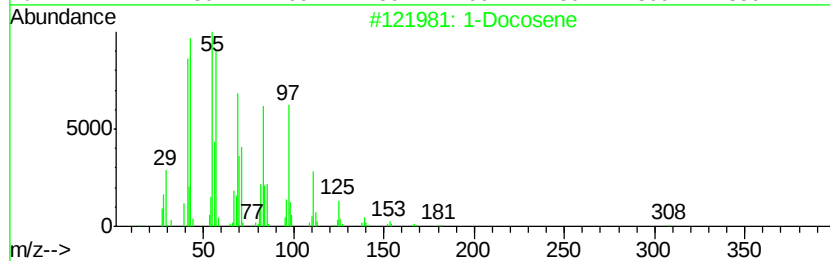
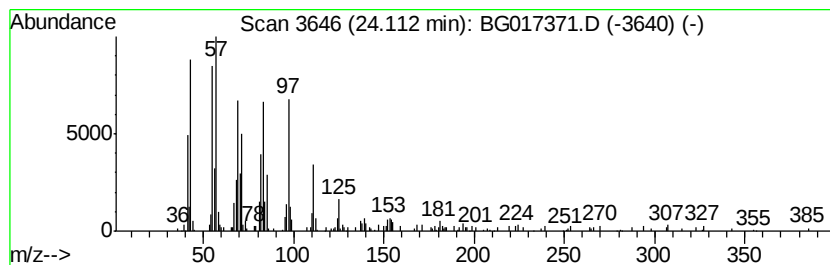
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 (DEL) Alkane: Cyclic-04 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.11	9.38 ng/ul	234766	Perylene-d12	23.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Docosene	308	C22H44	001599-67-3	97
2		1-Eicosene	280	C20H40	003452-07-1	93
3		Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	91
4		1-Docosanethiol	342	C22H46S	007773-83-3	91
5		Z-5-Nonadecene	266	C19H38	1000131-11-8	91



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060115\
Data File : BG017371.D
Acq On : 1 Jun 2015 14:43
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Sample : G2431-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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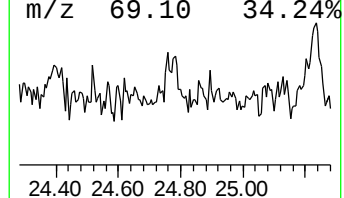
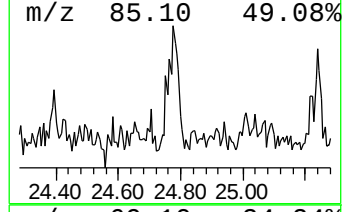
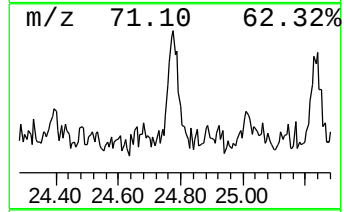
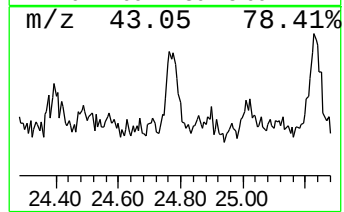
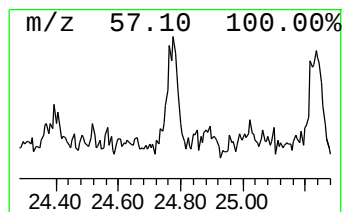
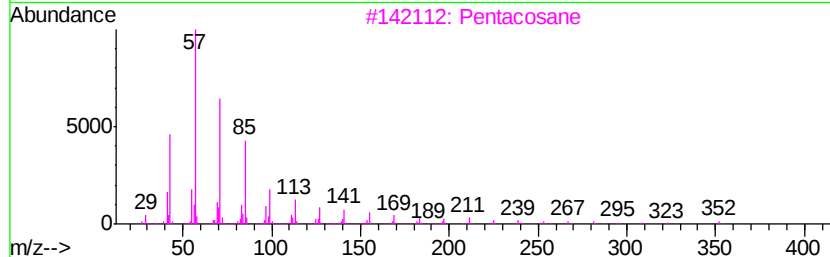
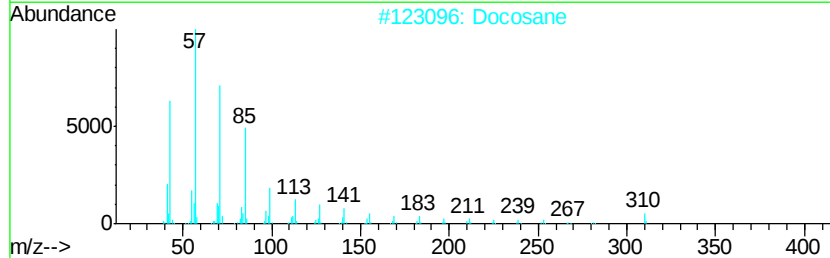
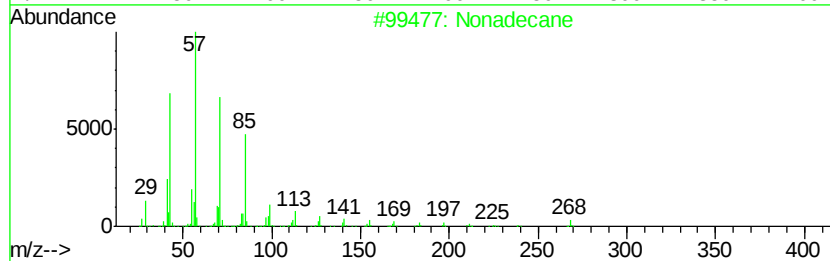
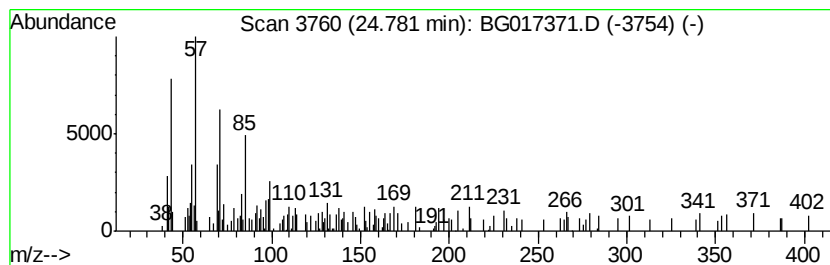
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.78	2.69 ng/ul	67421	Perylene-d12	23.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	55
2		Docosane	310	C22H46	000629-97-0	52
3		Pentacosane	352	C25H52	000629-99-2	52
4		Heptacosane	380	C27H56	000593-49-7	49
5		Nonadecane	268	C19H40	000629-92-5	49



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060115\
Data File : BG017371.D
Acq On : 1 Jun 2015 14:43
Operator : TP/IZ
Sample : G2431-06
Misc :
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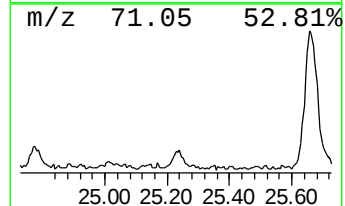
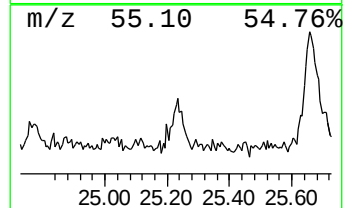
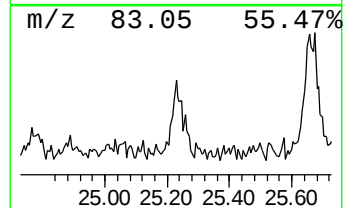
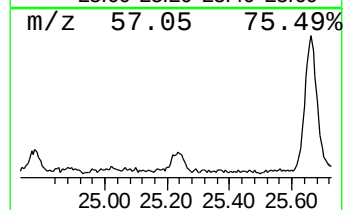
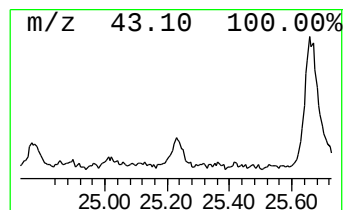
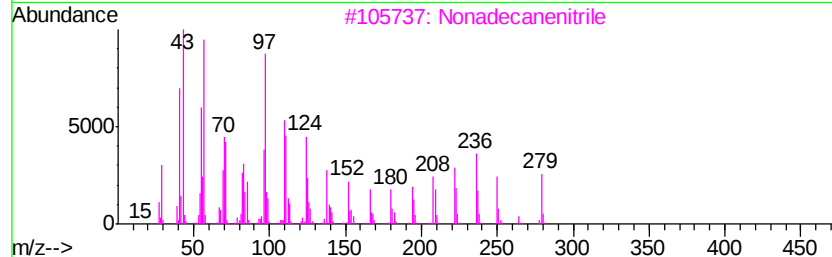
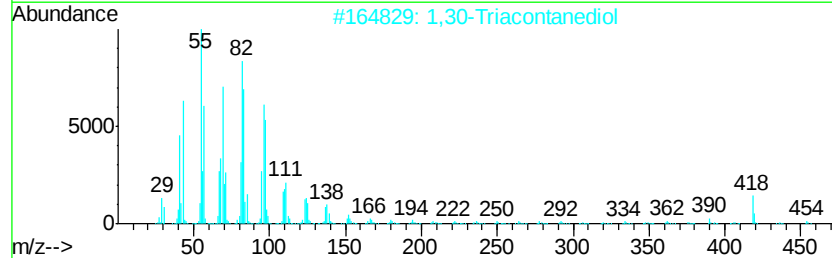
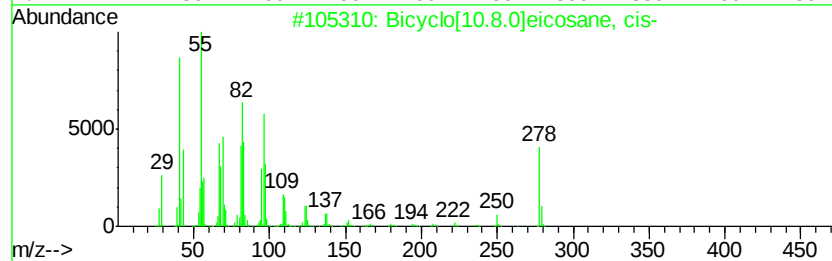
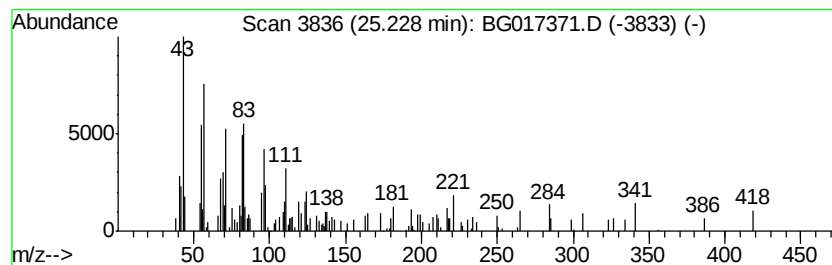
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 unknown-01 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.23	4.09 ng/ul	102343	Perylene-d12	23.49
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Bicyclo[10.8.0]eicosane, cis-	278 C20H38	1000155-82-2	38
2	1,30-Triacontanediol	454 C30H62O2	036645-68-8	38
3	Nonadecanenitrile	279 C19H37N	028623-46-3	14
4	18-Nonadecenoic acid	296 C19H36O2	076998-87-3	11
5	10-Nonadecenoic acid, methyl ester	310 C20H38O2	056599-83-8	10



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060115\
Data File : BG017371.D
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Sample : G2431-06
Misc :
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Instrument :
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ClientSampleId :
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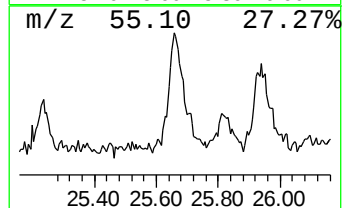
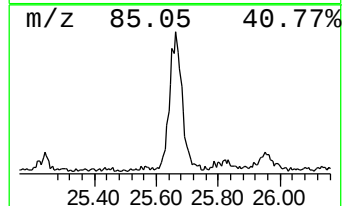
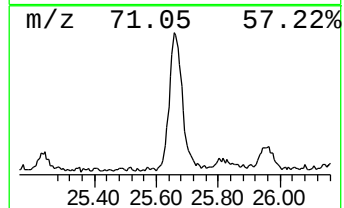
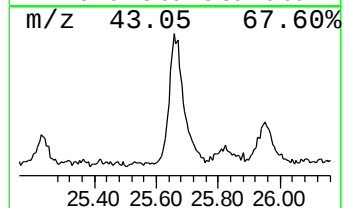
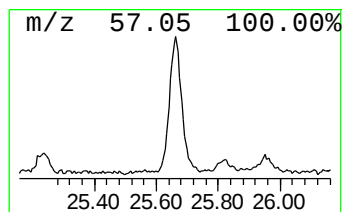
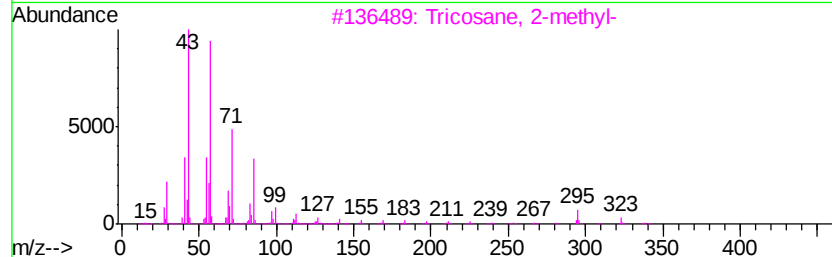
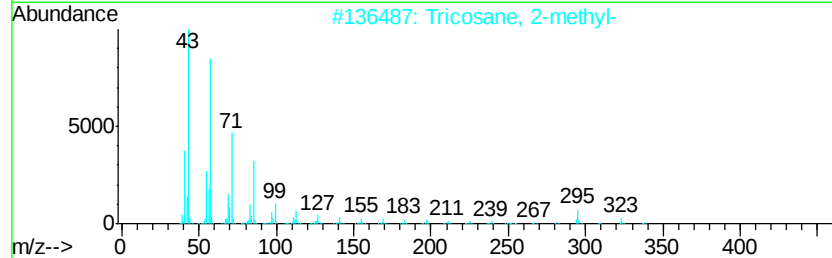
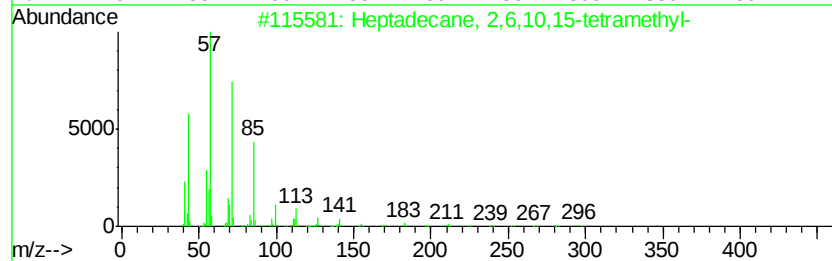
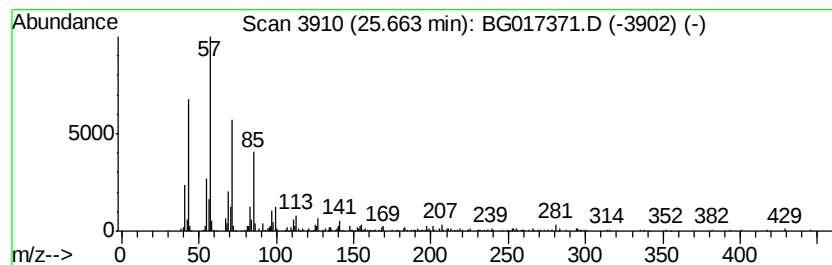
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.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.
25.66	21.51 ng/ul	538347	Perylene-d12	23.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	93
2		Tricosane, 2-methyl-	338	C24H50	001928-30-9	93
3		Tricosane, 2-methyl-	338	C24H50	001928-30-9	91
4		Octacosane	394	C28H58	000630-02-4	87
5		Hexatriacontane	507	C36H74	000630-06-8	87



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060115\
Data File : BG017371.D
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ClientSampleId :
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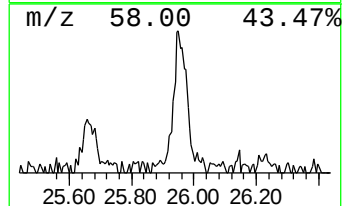
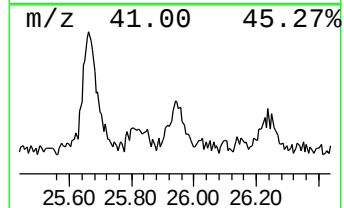
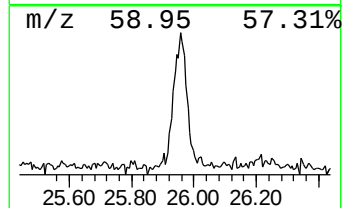
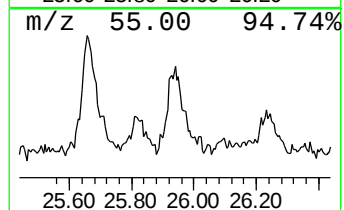
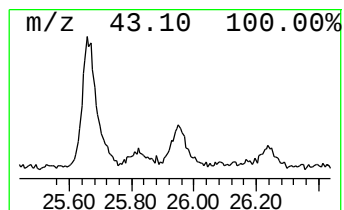
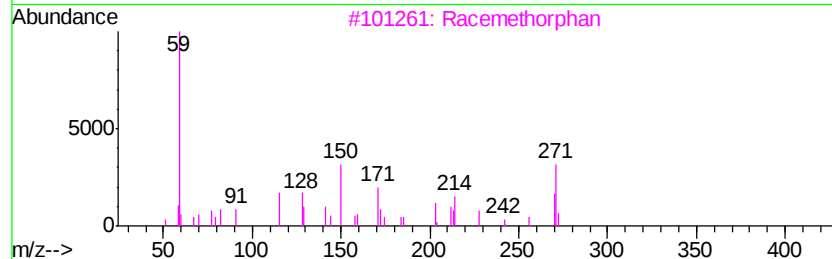
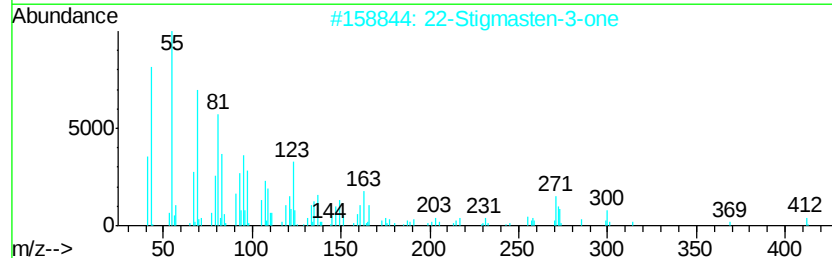
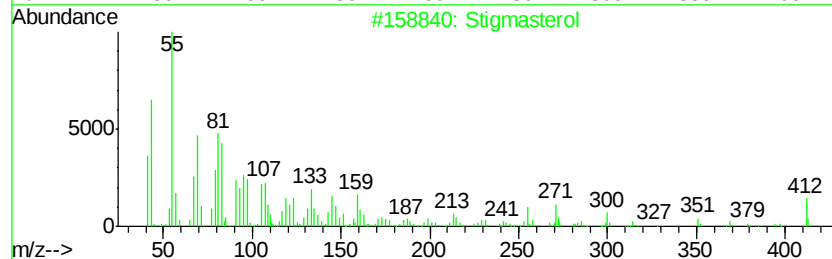
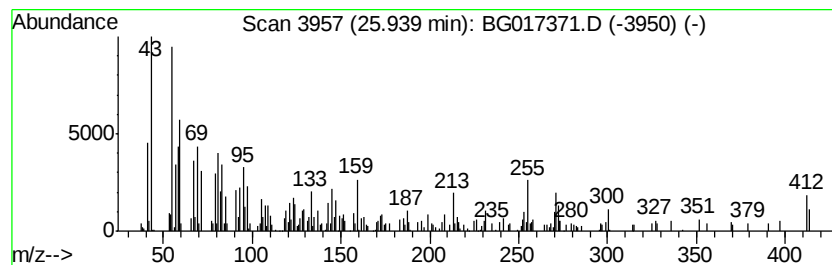
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 Stigmasterol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.94	10.16 ng/ul	254327	Perylene-d12	23.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Stigmasterol	412	C29H48O	000083-48-7	51
2		22-Stigmasten-3-one	412	C29H48O	004736-95-2	43
3		Racemethorphan	271	C18H25NO	000510-53-2	38
4		Furan-2-carbohydrazide, 5-(3,5-d...	314	C13H12Cl2N2O3	252914-58-2	38
5		Cholesta-22,24-dien-5-ol, 4,4-di...	412	C29H48O	1000128-66-1	25



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060115\
Data File : BG017371.D
Acq On : 1 Jun 2015 14:43
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Misc :
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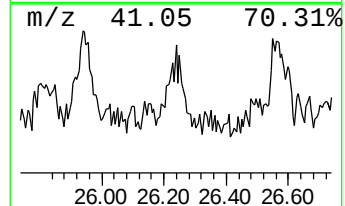
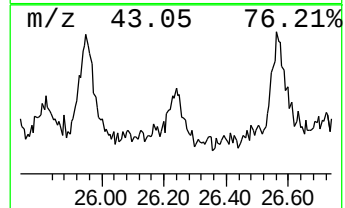
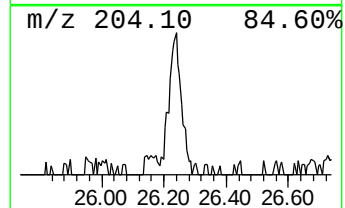
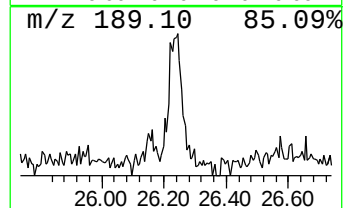
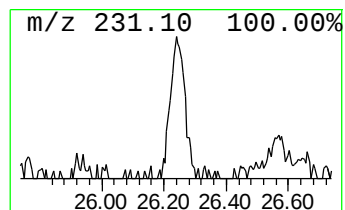
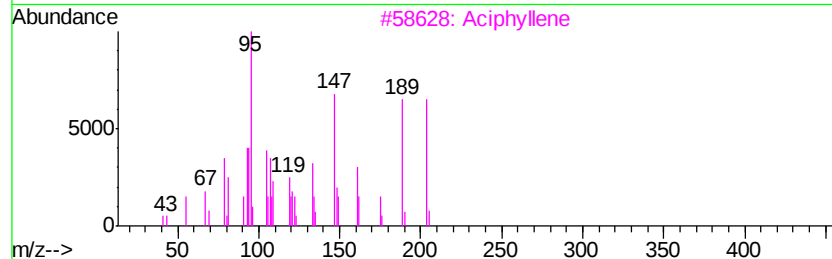
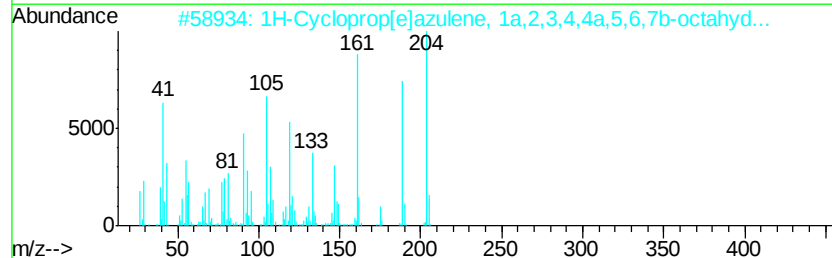
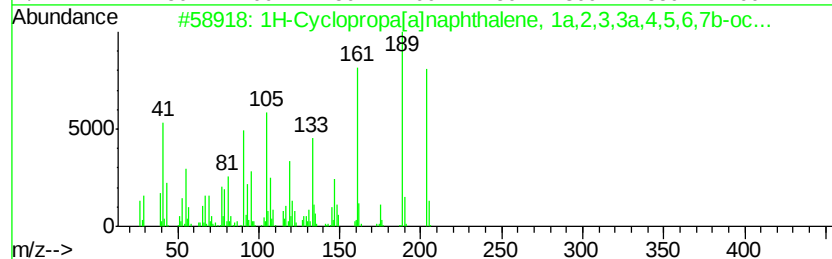
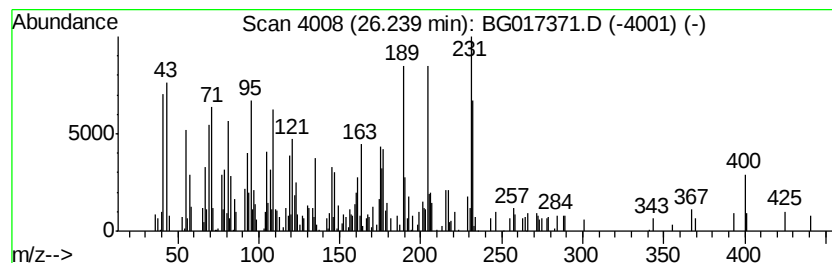
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 unknown-02 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.24	9.96 ng/ul	249142	Perylene-d12	23.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Cyclopropa[a]naphthalene, 1a,...	204	C15H24	000489-29-2	42
2		1H-Cycloprop[e]azulene, 1a,2,3,4...	204	C15H24	000489-40-7	38
3		Aciphyllene	204	C15H24	087745-31-1	38
4		1H-Cyclopropa[a]naphthalene, 1a,...	204	C15H24	1000147-32-8	30
5		1H-Cycloprop[e]azulene, 1a,2,3,4...	204	C15H24	000489-40-7	30



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060115\
Data File : BG017371.D
Acq On : 1 Jun 2015 14:43
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Sample : G2431-06
Misc :
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ClientSampleId :
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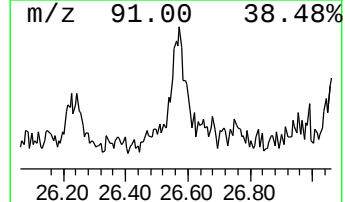
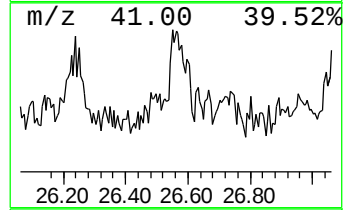
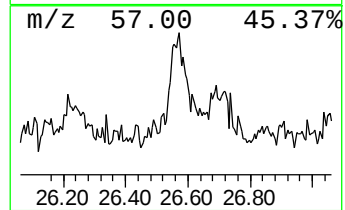
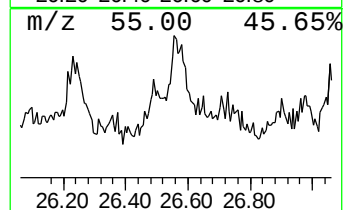
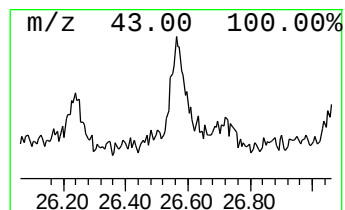
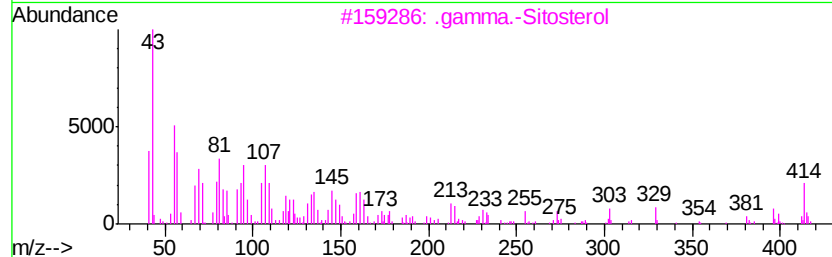
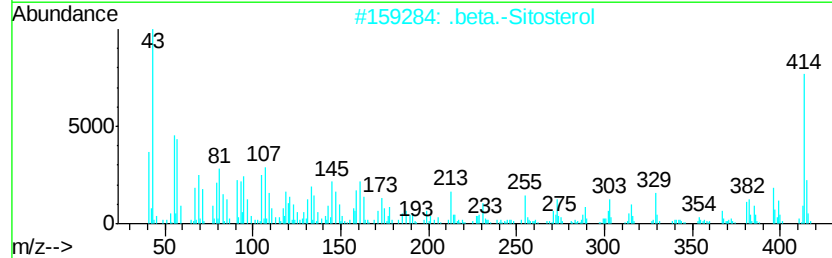
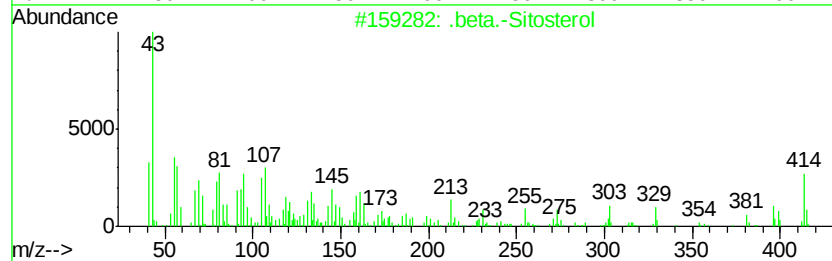
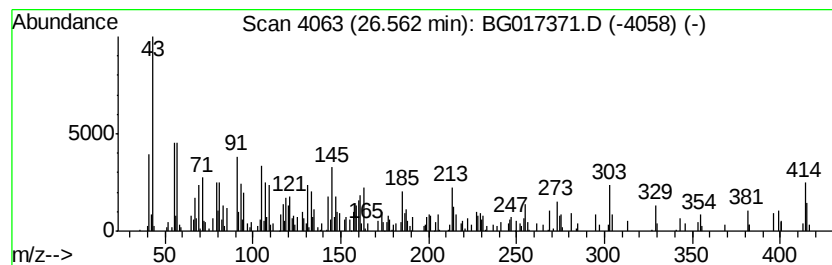
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 .beta.-Sitosterol Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.56	8.83 ng/ul	221043	Perylene-d12	23.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	.beta.-Sitosterol	414	C29H50O	000083-46-5	96
2		.beta.-Sitosterol	414	C29H50O	000083-46-5	93
3		.gamma.-Sitosterol	414	C29H50O	000083-47-6	83
4		Stigmasterol, 22,23-dihydro-	414	C29H50O	1000214-20-7	83
5		Cholest-7-en-3-ol, 4,4-dimethyl-...	414	C29H50O	006384-28-7	70



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060115\
Data File : BG017371.D
Acq On : 1 Jun 2015 14:43
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Misc :
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Instrument :
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ClientSampleId :
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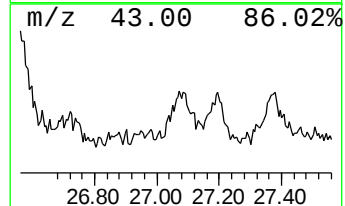
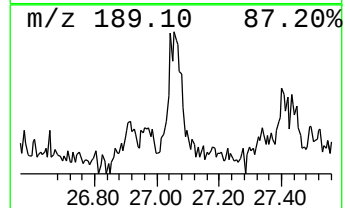
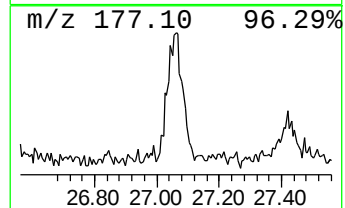
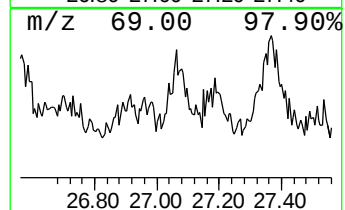
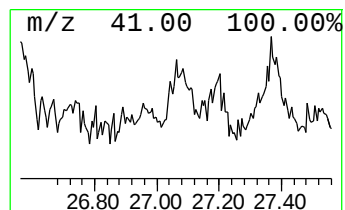
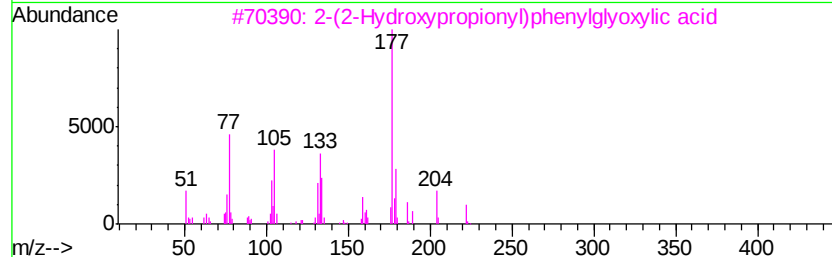
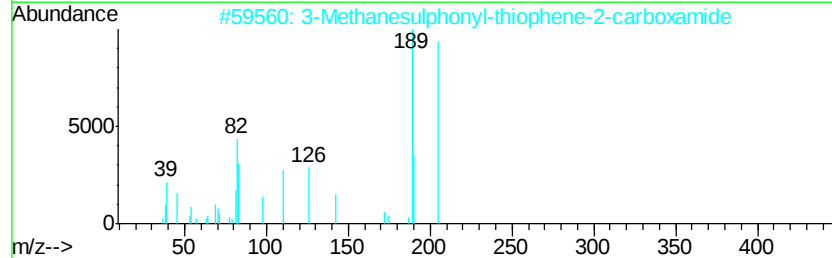
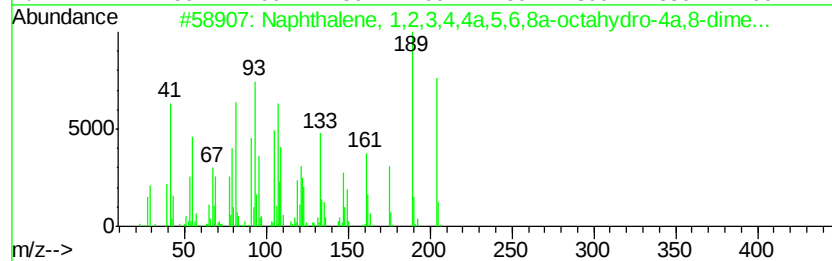
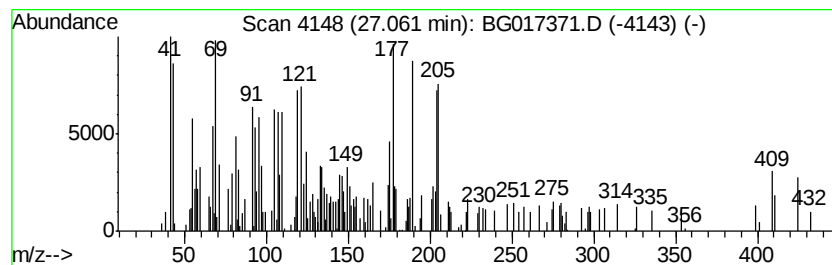
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 unknown-03 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.06	7.32 ng/ul	183064	Perylene-d12	23.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4,4a,5,6,8a-o...	204	C15H24	000473-13-2	35
2		3-Methanesulphonyl-thiophene-2-c...	205	C6H7N03S2	078031-20-6	25
3		2-(2-Hydroxypropionyl)phenylglyo...	222	C11H10O5	091345-20-9	25
4		Bromomethylphosphonic acid, diet...	230	C5H12BrO3P	066197-72-6	22
5		Olean-18-ene	410	C30H50	000432-11-1	22



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060115\
Data File : BG017371.D
Acq On : 1 Jun 2015 14:43
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Misc :
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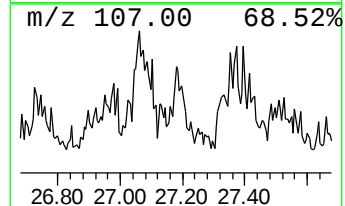
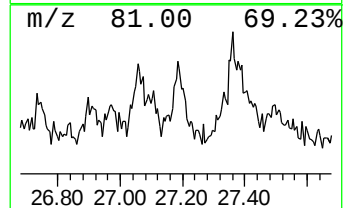
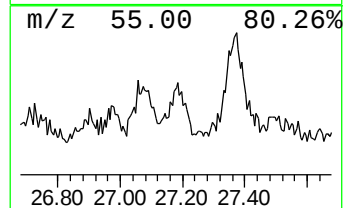
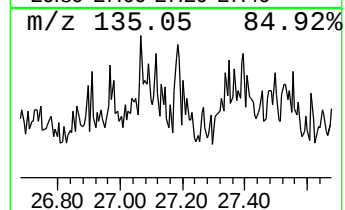
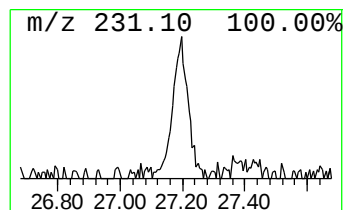
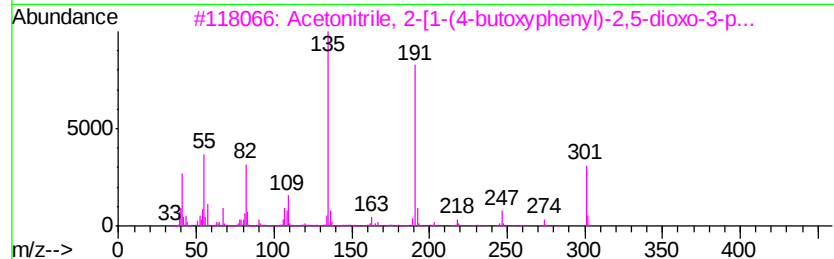
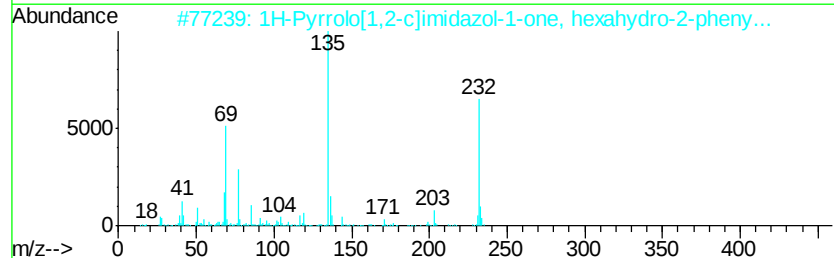
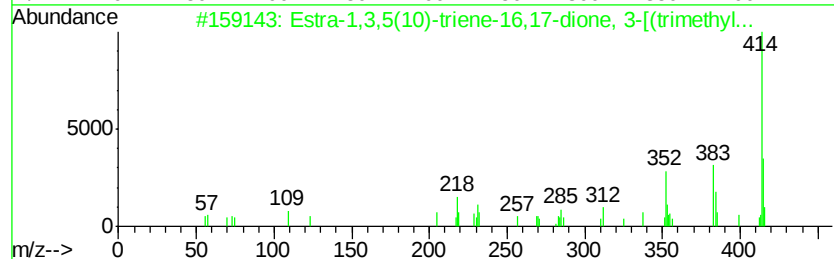
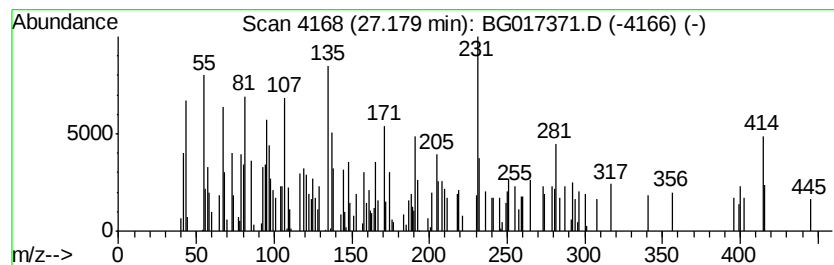
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 unknown-04 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.18	5.60 ng/ul	140046	Perylene-d12	23.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Estra-1,3,5(10)-triene-16,17-dio...	414	C23H34N2O3Si	075113-02-9	38
2		1H-Pyrrolo[1,2-c]imidazol-1-one,...	232	C12H12N2OS	004333-21-5	14
3		Acetonitrile, 2-[1-(4-butoxyphen...	301	C16H19N3O3	1000273-87-4	11
4		Pyrimido[5,4-b]pyrido[3,2-d]thie...	231	C11H9N3OS	201681-22-3	11
5		Quinoline, 4-styryl-	231	C17H13N	004594-84-7	10



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060115\
Data File : BG017371.D
Acq On : 1 Jun 2015 14:43
Operator : TP/IZ
Sample : G2431-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

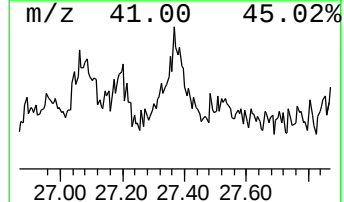
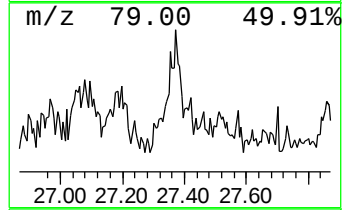
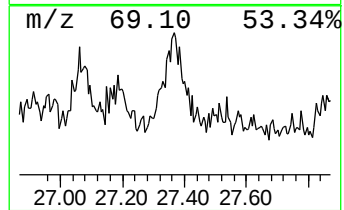
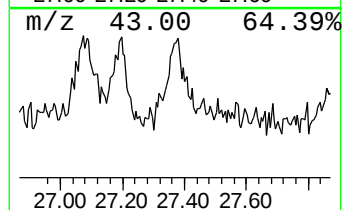
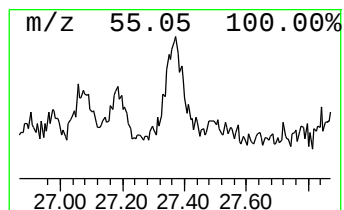
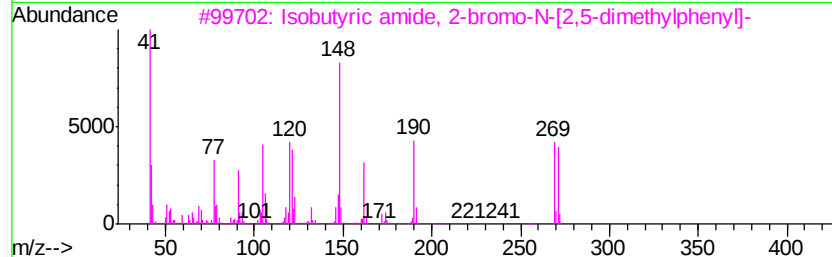
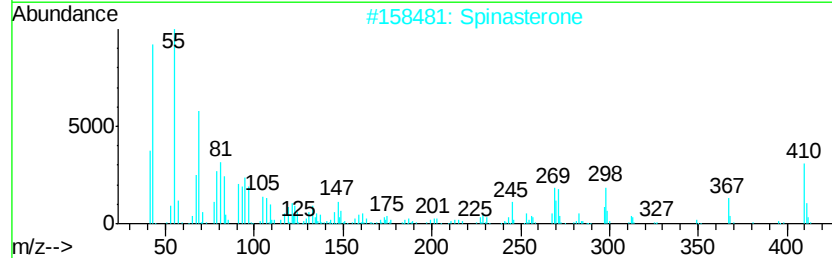
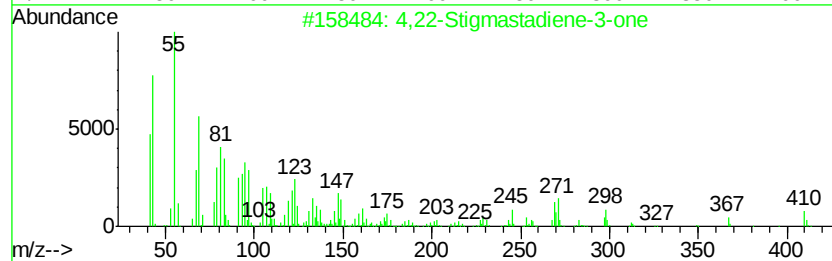
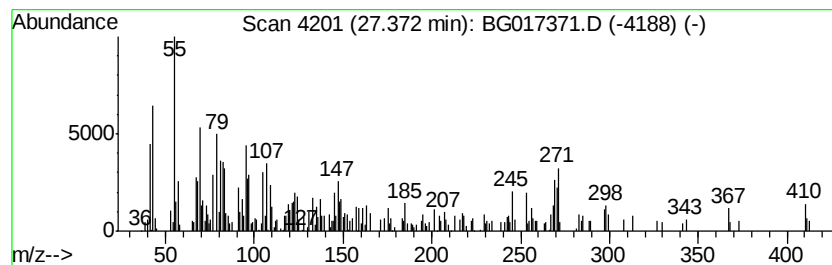
Instrument :
BNA_G
ClientSampleId :
BCRF9

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052915.M
Quant Title : SVOA CALIBRATION

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

Peak Number 17 4,22-Stigmastadiene-3-one Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.37	14.88 ng/ul	372371	Perylene-d12	23.49
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	4,22-Stigmastadiene-3-one	410 C29H46O	020817-72-5	83
2	Spinasterone	410 C29H46O	023455-44-9	64
3	Isobutyric amide, 2-bromo-N-[2,5...	269 C12H16BrNO	1000129-70-1	18
4	1,1'-Biphenyl, 2,3,4,4'-tetramet...	373 C22H31N04	1000126-40-9	10
5	4,22-Cholestadien-3-one	382 C27H42O	055688-43-2	10



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060115\
Data File : BG017371.D
Acq On : 1 Jun 2015 14:43
Operator : TP/IZ
Sample : G2431-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BCRF9

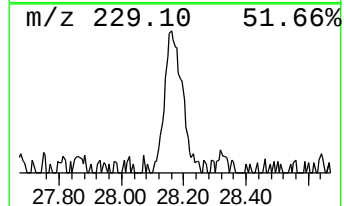
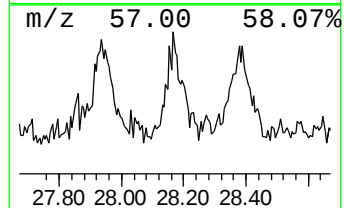
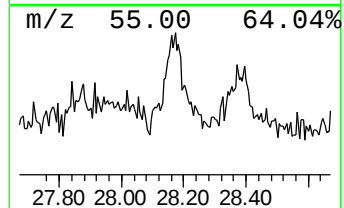
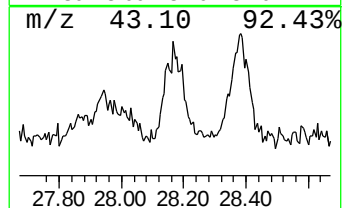
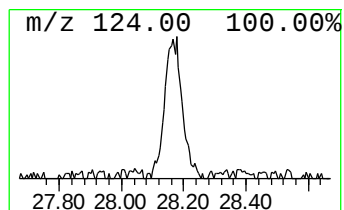
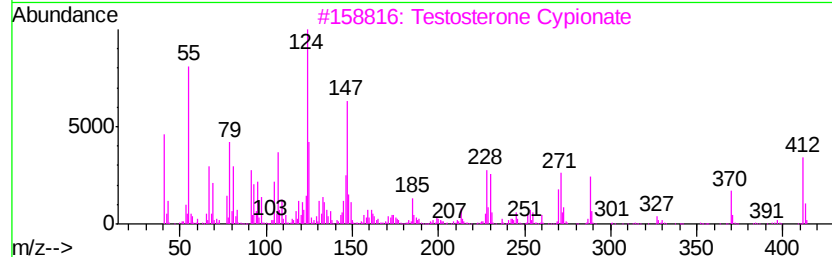
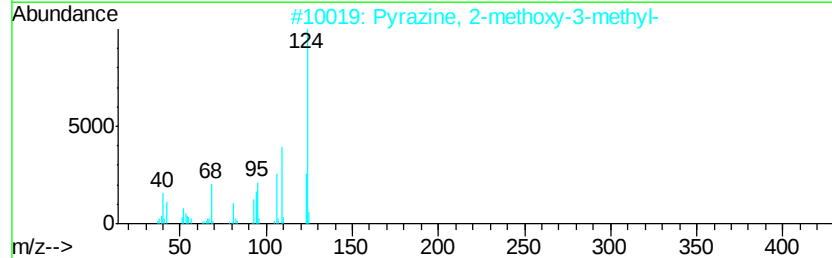
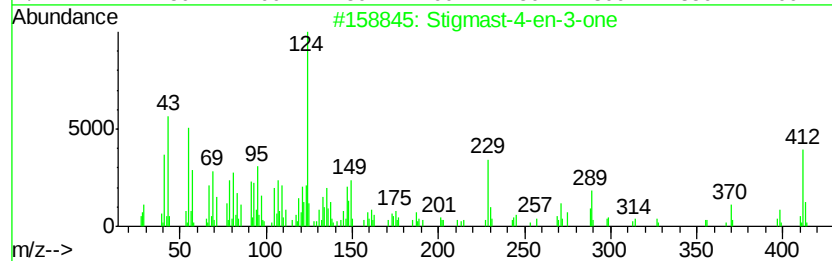
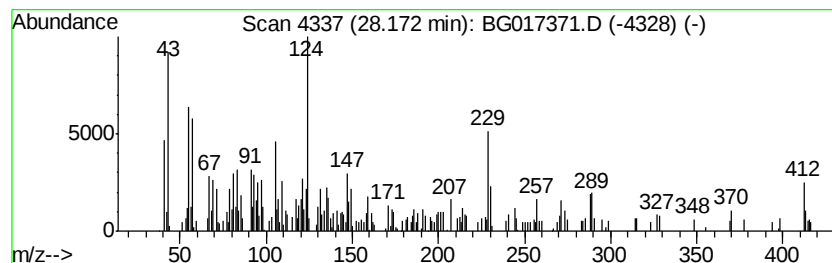
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 unknown-05 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.17	12.19 ng/ul	305040	Perylene-d12	23.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Stigmast-4-en-3-one	412	C29H48O	001058-61-3	46
2		Pyrazine, 2-methoxy-3-methyl-	124	C6H8N2O	002847-30-5	45
3		Testosterone Cypionate	412	C27H40O3	000058-20-8	44
4		Benzene, (methylthio)-	124	C7H8S	000100-68-5	43
5		Benzene, (methylthio)-	124	C7H8S	000100-68-5	43



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060115\
 Data File : BG017371.D
 Acq On : 1 Jun 2015 14:43
 Operator : TP/IZ
 Sample : G2431-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BCRF9

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052915.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-(2-met...	6.16	3.3	ng/ul	32043	1	7.64	195224	20.0
n-Hexadecanoic acid	17.96	5.9	ng/ul	140990	4	17.06	477223	20.0
(DEL) Alkane: Cyc...	20.96	9.6	ng/ul	270730	5	21.24	563744	20.0
(DEL) Alkane: Cyc...	21.84	5.0	ng/ul	139553	5	21.24	563744	20.0
1,21-Docosadiene	22.52	30.2	ng/ul	754703	6	23.49	500443	20.0
Oxirane, hexadecyl-	23.69	10.9	ng/ul	273198	6	23.49	500443	20.0
(DEL) Alkane: Str...	24.02	25.5	ng/ul	637537	6	23.49	500443	20.0
(DEL) Alkane: Cyc...	24.11	9.4	ng/ul	234766	6	23.49	500443	20.0
(DEL) Alkane: Str...	24.78	2.7	ng/ul	67421	6	23.49	500443	20.0
unknown-01	25.23	4.1	ng/ul	102343	6	23.49	500443	20.0
(DEL) Alkane: Str...	25.66	21.5	ng/ul	538347	6	23.49	500443	20.0
Stigmasterol	25.94	10.2	ng/ul	254327	6	23.49	500443	20.0
unknown-02	26.24	10.0	ng/ul	249142	6	23.49	500443	20.0
.beta.-Sitosterol	26.56	8.8	ng/ul	221043	6	23.49	500443	20.0
unknown-03	27.06	7.3	ng/ul	183064	6	23.49	500443	20.0
unknown-04	27.18	5.6	ng/ul	140046	6	23.49	500443	20.0
4,22-Stigmastadie...	27.37	14.9	ng/ul	372371	6	23.49	500443	20.0
unknown-05	28.17	12.2	ng/ul	305040	6	23.49	500443	20.0