

Data Path : Z:\HPCHEM1\BNA G\DATA\BG100515\
 Data File : BG019034.D
 Acq On : 5 Oct 2015 19:35
 Operator : UM/NP
 Sample : G3900-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AA0

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-BG100415.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	2.879	5	7	16	rVB3	7286	12833	1.04%	0.082%
2	3.166	50	56	64	rVV	43564	83691	6.79%	0.537%
3	3.243	64	69	80	rVV	89447	131355	10.66%	0.843%
4	3.419	95	99	104	rBV4	2258	3285	0.27%	0.021%
5	3.501	109	113	120	rVB2	6731	9154	0.74%	0.059%
6	7.197	736	742	752	rVB2	132011	224905	18.25%	1.444%
7	7.373	765	772	779	rBV	104945	168442	13.67%	1.081%
8	7.579	799	807	814	rVB	125126	212903	17.27%	1.367%
9	8.049	880	887	893	rBV	112102	189557	15.38%	1.217%
10	8.742	998	1005	1015	rVB	163532	270350	21.93%	1.736%
11	9.201	1076	1083	1092	rBV	127551	225538	18.30%	1.448%
12	9.923	1199	1206	1215	rBV	98750	177215	14.38%	1.138%
13	10.464	1291	1298	1305	rBV	167304	281416	22.83%	1.807%
14	10.852	1357	1364	1373	rVB	170863	300561	24.39%	1.930%
15	10.981	1378	1386	1393	rBV	107745	195262	15.84%	1.254%
16	11.498	1469	1474	1479	rVB3	5997	9430	0.77%	0.061%
17	12.426	1629	1632	1637	rVB4	2659	3562	0.29%	0.023%
18	12.867	1702	1707	1711	rBV3	2026	3237	0.26%	0.021%
19	13.037	1731	1736	1740	rBV2	4837	6530	0.53%	0.042%
20	13.284	1772	1778	1782	rBV	7883	10088	0.82%	0.065%
21	13.472	1805	1810	1814	rBV4	4873	7404	0.60%	0.048%
22	14.071	1906	1912	1916	rBV	308758	448671	36.40%	2.881%
23	14.118	1916	1920	1926	rVB	186555	249496	20.24%	1.602%
24	14.306	1948	1952	1955	rBV2	2237	3067	0.25%	0.020%
25	14.359	1955	1961	1968	rVB	338938	543693	44.11%	3.491%
26	14.565	1988	1996	2002	rBV3	4793	8091	0.66%	0.052%
27	14.671	2008	2014	2021	rVB2	273565	443534	35.99%	2.848%
28	14.841	2035	2043	2052	rBV	160406	243964	19.79%	1.566%
29	15.470	2146	2150	2154	rVV2	3807	5947	0.48%	0.038%
30	15.517	2154	2158	2164	rVV	17469	22423	1.82%	0.144%
31	15.658	2176	2182	2190	rVB	491194	724979	58.82%	4.655%
32	15.763	2195	2200	2207	rVB	136634	188088	15.26%	1.208%
33	15.899	2216	2223	2225	rBV4	6641	9652	0.78%	0.062%
34	15.922	2225	2227	2230	rVV2	5183	6563	0.53%	0.042%

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35	15.951	2230	2232	2237	rVB5	2694	3855	0.31%	0.025%
36	16.075	2248	2253	2255	rBV2	2435	3547	0.29%	0.023%
37	16.380	2300	2305	2307	rBV	25823	34731	2.82%	0.223%
38	16.551	2329	2334	2338	rVB2	6821	8877	0.72%	0.057%
39	16.715	2358	2362	2366	rBV4	2789	4395	0.36%	0.028%
40	17.168	2435	2439	2445	rBV2	32322	41806	3.39%	0.268%
41	17.221	2445	2448	2452	rVB4	4930	6323	0.51%	0.041%
42	17.409	2474	2480	2487	rVV2	372422	577279	46.84%	3.706%
43	17.508	2490	2497	2504	rVB	539463	800236	64.93%	5.138%
44	17.908	2560	2565	2570	rBV2	18893	23796	1.93%	0.153%
45	18.243	2618	2622	2627	rVV7	4271	7589	0.62%	0.049%
46	18.302	2627	2632	2640	rVV2	60427	88132	7.15%	0.566%
47	18.372	2642	2644	2647	rVV2	5402	6844	0.56%	0.044%
48	18.396	2647	2648	2654	rVB3	4234	5211	0.42%	0.033%
49	18.496	2661	2665	2669	rVB4	8133	9278	0.75%	0.060%
50	18.607	2677	2684	2692	rBV3	44158	93363	7.57%	0.599%
51	19.083	2758	2765	2768	rBV3	7046	12522	1.02%	0.080%
52	19.183	2779	2782	2786	rVV4	6042	8466	0.69%	0.054%
53	19.224	2786	2789	2793	rVV	13713	15763	1.28%	0.101%
54	19.289	2796	2800	2807	rVB3	9048	14328	1.16%	0.092%
55	19.342	2807	2809	2813	rBV5	2646	3149	0.26%	0.020%
56	19.424	2818	2823	2826	rBV2	10351	16200	1.31%	0.104%
57	19.453	2826	2828	2832	rVB3	4095	5426	0.44%	0.035%
58	19.571	2844	2848	2850	rBV	17189	20424	1.66%	0.131%
59	19.600	2850	2853	2856	rVB3	10652	14014	1.14%	0.090%
60	19.677	2863	2866	2868	rBV2	5717	6955	0.56%	0.045%
61	19.718	2868	2873	2878	rVV	1099026	1232529	100.00%	7.913%
62	19.788	2879	2885	2890	rVV	681504	1046917	84.94%	6.722%
63	19.835	2890	2893	2901	rVB	147590	168409	13.66%	1.081%
64	19.964	2913	2915	2923	rBV7	3612	5184	0.42%	0.033%
65	20.129	2939	2943	2946	rVB	9253	9521	0.77%	0.061%
66	20.258	2963	2965	2968	rVB4	3417	3351	0.27%	0.022%
67	20.293	2968	2971	2974	rBV4	8839	13034	1.06%	0.084%
68	20.329	2974	2977	2982	rVB	51223	55939	4.54%	0.359%
69	20.505	3003	3007	3009	rBV5	4294	6315	0.51%	0.041%
70	20.611	3023	3025	3028	rVB4	3862	3741	0.30%	0.024%
71	20.664	3030	3034	3037	rBV4	19346	23239	1.89%	0.149%

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72	20.758	3045	3050	3055	rBV	811982	872187	70.76%	5.600%
73	20.828	3058	3062	3065	rVV	118570	148591	12.06%	0.954%
74	20.858	3065	3067	3073	rVB	76938	82290	6.68%	0.528%
75	21.010	3089	3093	3094	rBV3	6034	6461	0.52%	0.041%
76	21.034	3094	3097	3099	rVV3	7057	10088	0.82%	0.065%
77	21.057	3099	3101	3106	rVB6	7164	8028	0.65%	0.052%
78	21.175	3118	3121	3124	rBV	8756	9298	0.75%	0.060%
79	21.234	3127	3131	3132	rBV4	9499	13358	1.08%	0.086%
80	21.328	3142	3147	3155	rBV2	228293	342148	27.76%	2.197%
81	21.574	3187	3189	3192	rVB4	6515	6999	0.57%	0.045%
82	21.674	3199	3206	3213	rBV	422587	714231	57.95%	4.586%
83	21.886	3236	3242	3247	rBV	167495	230390	18.69%	1.479%
84	22.262	3304	3306	3311	rVB6	5562	7086	0.57%	0.045%
85	22.497	3340	3346	3358	rBV	133769	236455	19.18%	1.518%
86	23.196	3459	3465	3475	rBV	114140	215064	17.45%	1.381%
87	23.548	3519	3525	3532	rVB8	17114	33853	2.75%	0.217%
88	24.013	3597	3604	3609	rBV	85978	170829	13.86%	1.097%
89	24.066	3609	3613	3619	rVB7	19433	38793	3.15%	0.249%
90	24.353	3658	3662	3664	rBV5	4596	6372	0.52%	0.041%
91	24.671	3706	3716	3728	rVB	367870	1001102	81.22%	6.427%
92	24.888	3743	3753	3762	rBV2	237231	682366	55.36%	4.381%
93	24.970	3762	3767	3776	rVB	61743	138535	11.24%	0.889%
94	26.110	3953	3961	3971	rVB2	52436	146394	11.88%	0.940%
95	26.228	3975	3981	3989	rVB10	13882	36940	3.00%	0.237%
96	27.479	4187	4194	4207	rVB3	30500	104034	8.44%	0.668%
97	29.142	4467	4477	4489	rVB5	33157	128687	10.44%	0.826%
98	29.765	4581	4583	4586	rBV3	3224	4378	0.36%	0.028%
99	30.258	4653	4667	4681	rBV3	60924	302792	24.57%	1.944%
100	31.151	4810	4819	4828	rVB7	14212	52145	4.23%	0.335%

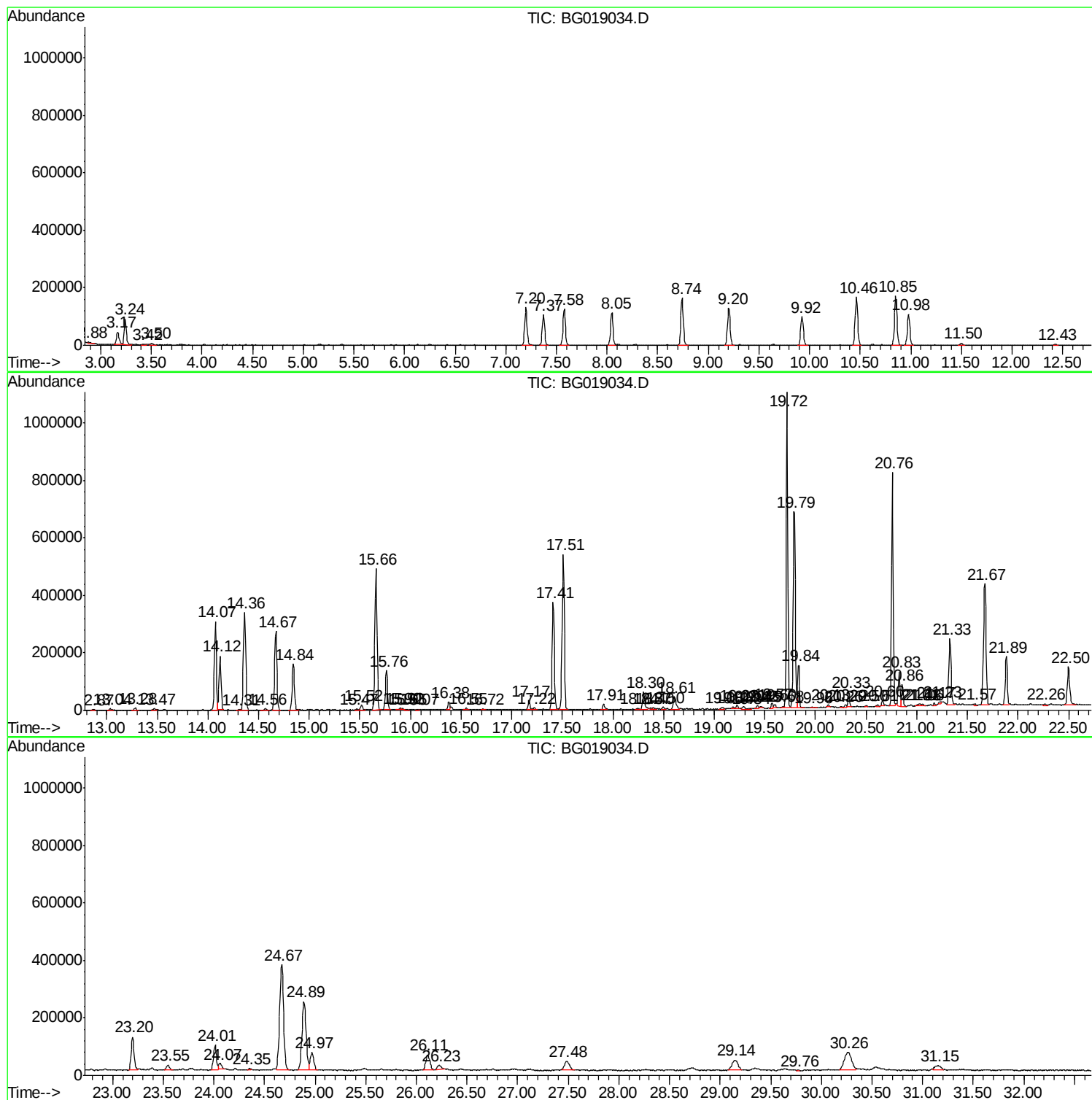
Sum of corrected areas: 15575468

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG100415.M
Quant Title : SVOA CALIBRATION

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



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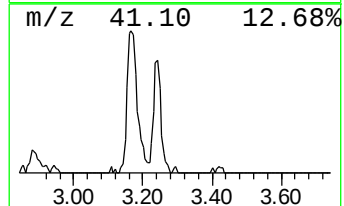
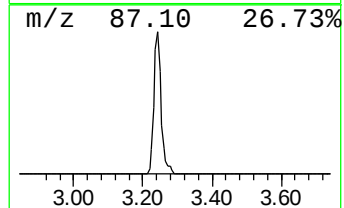
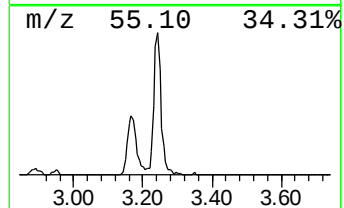
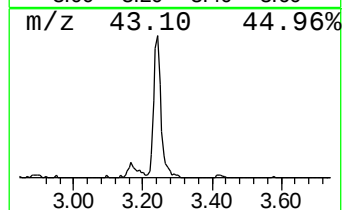
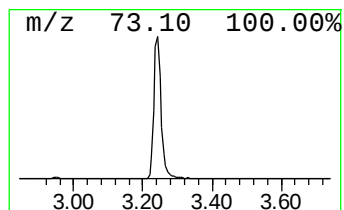
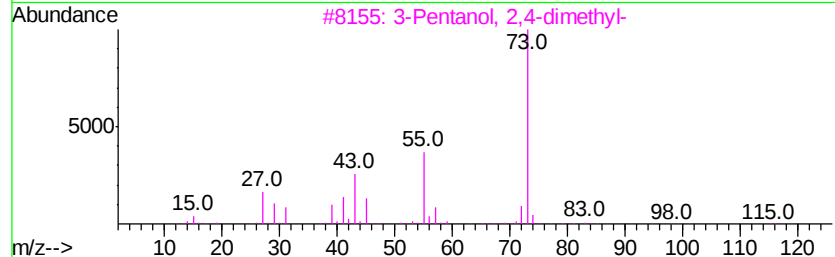
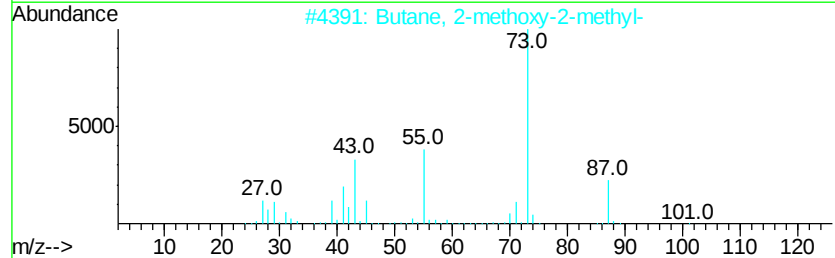
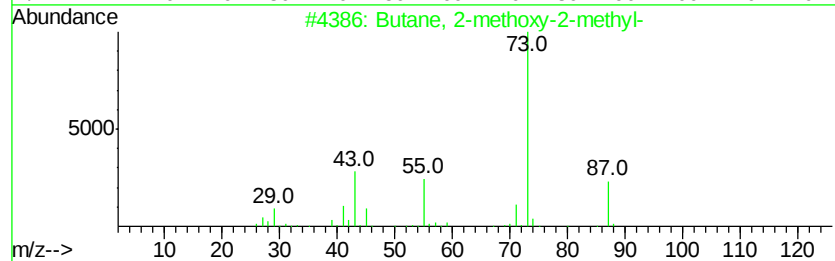
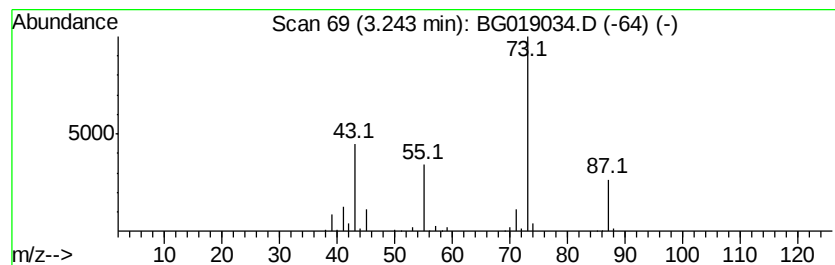
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG100415.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.24	13.86 ng/ul	131355	1,4-Dichlorobenzene-d4	8.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
3		3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	43
4		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	38
5		Silane, tetramethyl-	88	C4H12Si	000075-76-3	12



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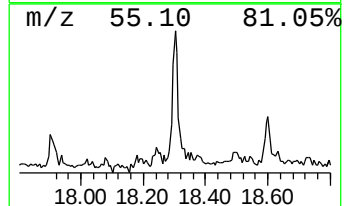
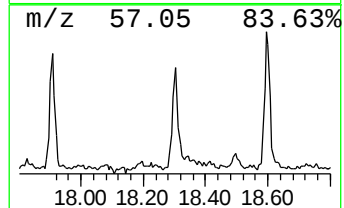
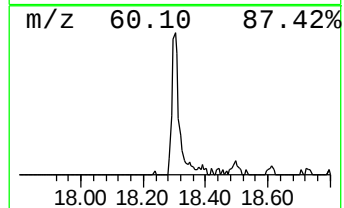
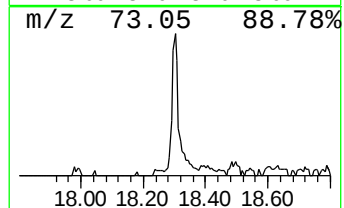
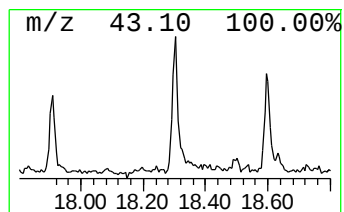
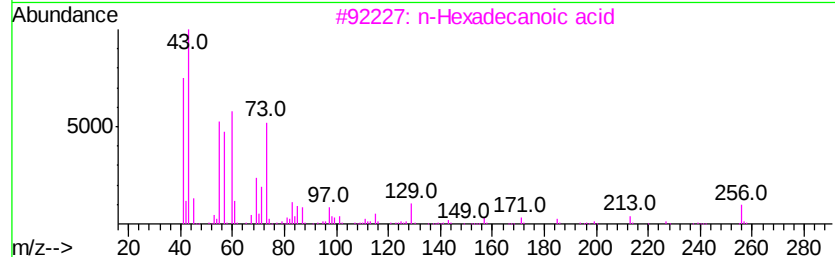
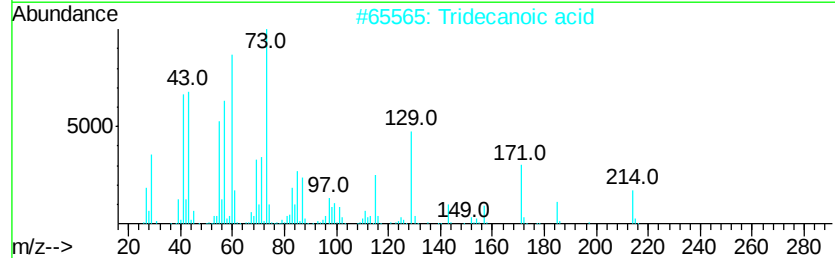
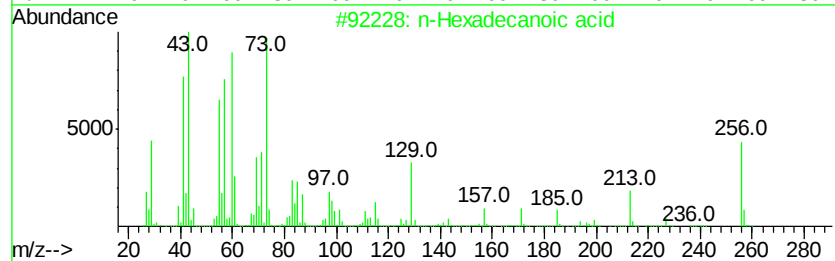
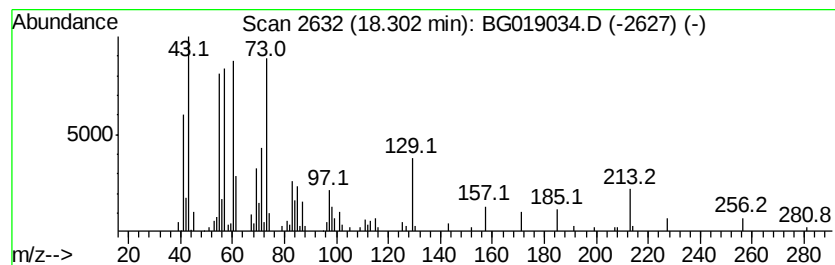
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 n-Hexadecanoic acid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.30	3.05 ng/ul	88132	Phenanthrene-d10	17.41

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91	
2	Tridecanoic acid	214	C13H26O2	000638-53-9	62	
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	50	
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	43	
5	Xylose	150	C5H10O5	000058-86-6	27	



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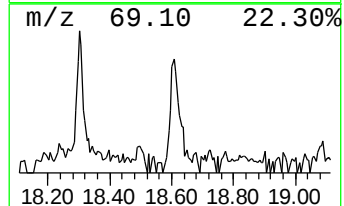
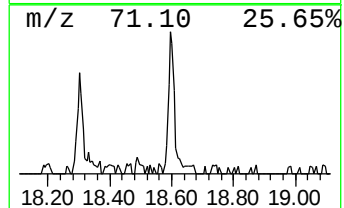
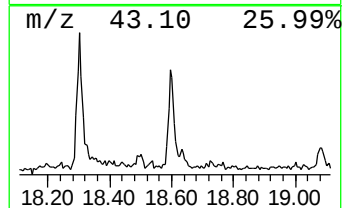
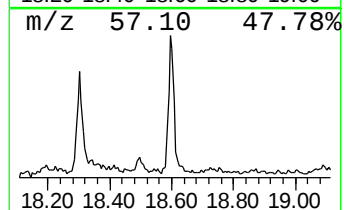
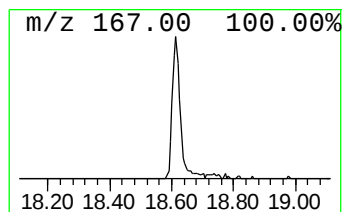
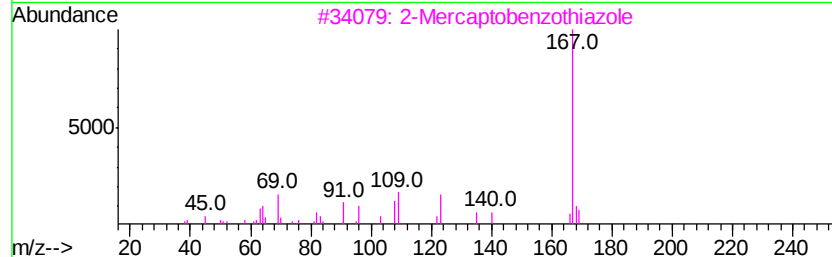
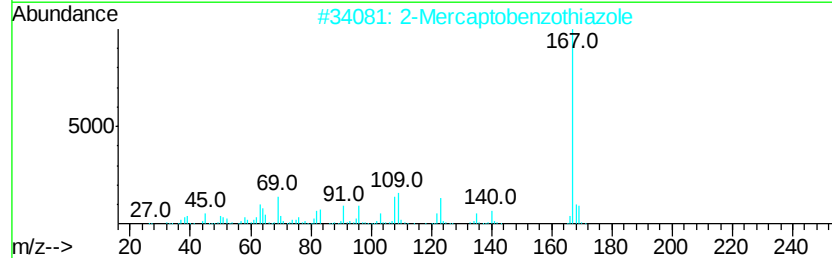
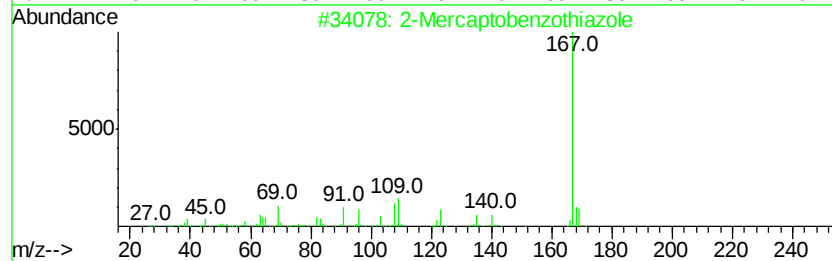
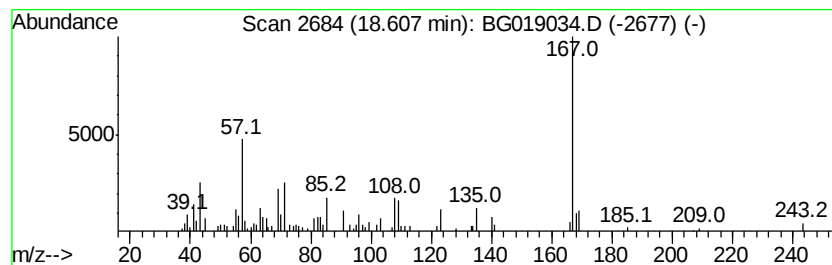
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Peak Number 4 2-Mercaptobenzothiazole Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.61	3.23 ng/ul	93363	Phenanthrene-d10	17.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Mercaptobenzothiazole	167	C7H5NS2	000149-30-4	96
2		2-Mercaptobenzothiazole	167	C7H5NS2	000149-30-4	93
3		2-Mercaptobenzothiazole	167	C7H5NS2	000149-30-4	93
4		2-Mercaptobenzothiazole	167	C7H5NS2	000149-30-4	81
5		2,4,6(1H,3H,5H)-Pyrimidinetrione...	288	C10H13BrN2O3	000545-93-7	47



Data Path : Z:\HPCHEM1\BNA G\DATA\BG100515\
Data File : BG019034.D
Acq On : 5 Oct 2015 19:35
Operator : UM/NP
Sample : G3900-01
Misc :
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Instrument :
BNA_G
ClientSampleId :
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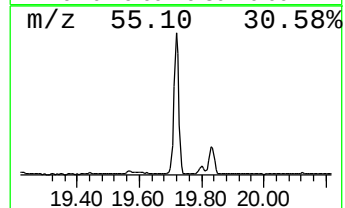
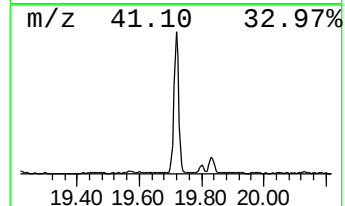
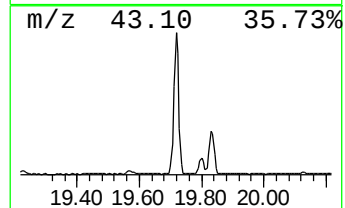
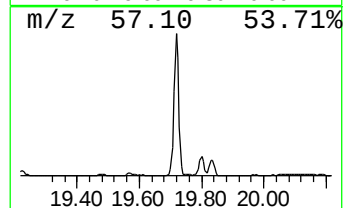
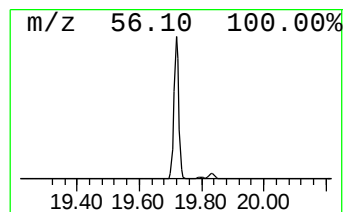
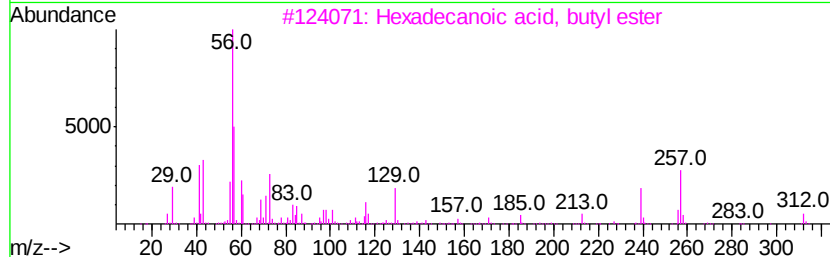
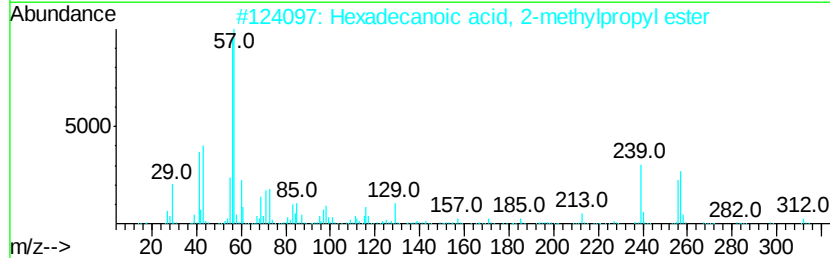
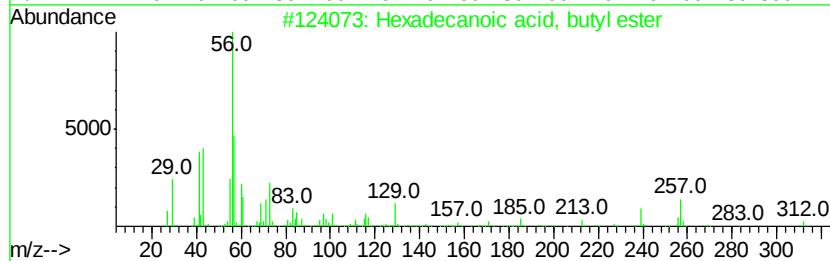
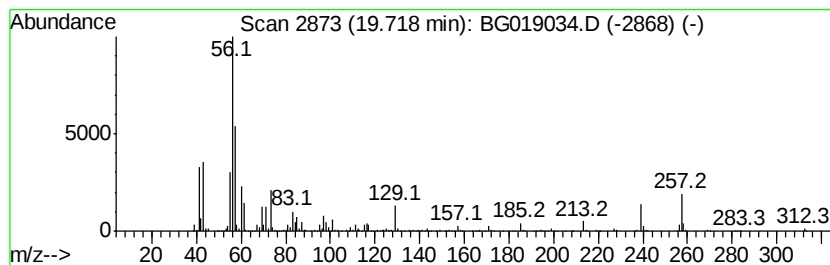
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Hexadecanoic acid, butyl ester Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.72	34.51 ng/ul	1232530	Chrysene-d12	21.67

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	90
2		Hexadecanoic acid, 2-methylpropyl ester	312	C20H40O2	000110-34-9	80
3		Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	62
4		Hexadecanoic acid, 1,1-dimethylester	312	C20H40O2	031158-91-5	55
5		Cyclopentanecarboxylic acid, 2-allyl ester	129	C6H11NO2	037910-65-9	38



Data Path : Z:\HPCHEM1\BNA G\DATA\BG100515\
Data File : BG019034.D
Acq On : 5 Oct 2015 19:35
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Sample : G3900-01
Misc :
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ClientSampleId :
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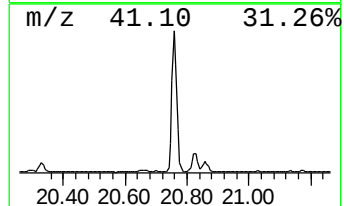
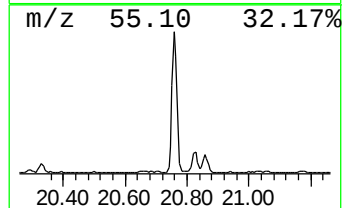
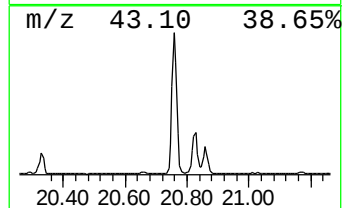
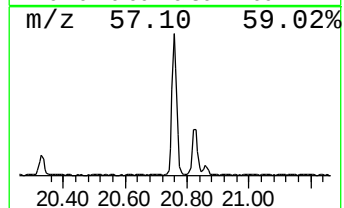
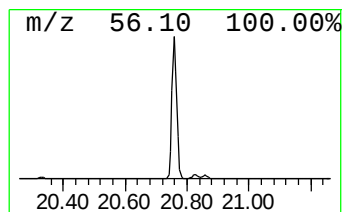
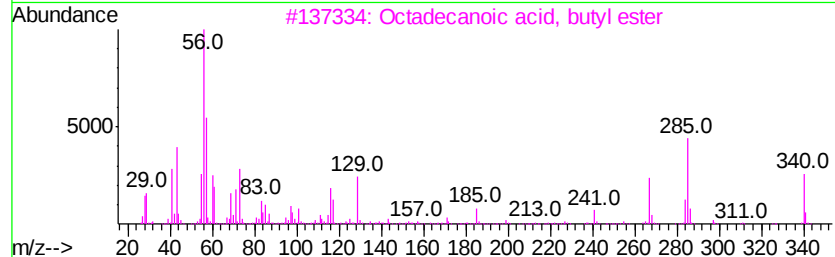
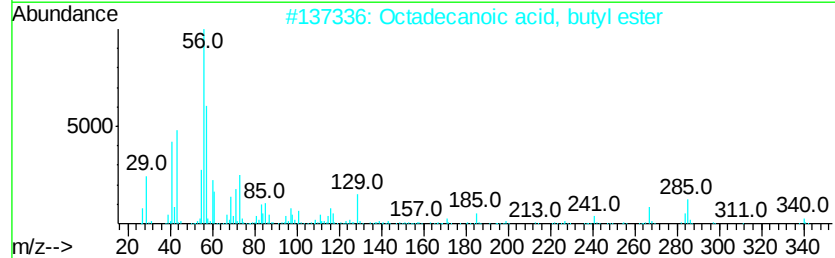
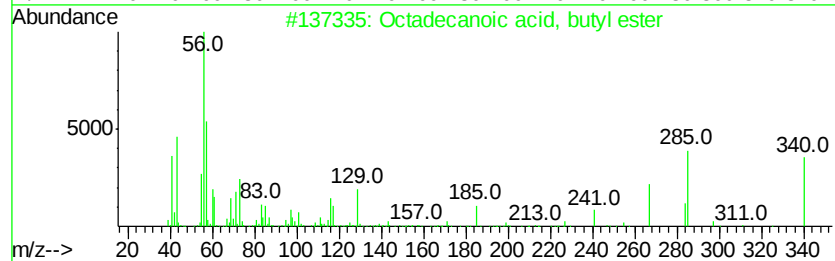
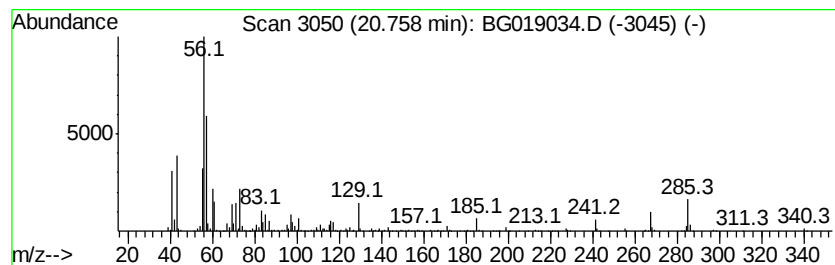
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Octadecanoic acid, butyl ester Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.76	24.42 ng/ul	872187	Chrysene-d12	21.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	91
2		Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	91
3		Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	83
4		n-Butyl myristate	284	C18H36O2	000110-36-1	64
5		Octadecanoic acid, 2-methylpropy...	340	C22H44O2	000646-13-9	43



Data Path : Z:\HPCHEM1\BNA G\DATA\BG100515\
Data File : BG019034.D
Acq On : 5 Oct 2015 19:35
Operator : UM/NP
Sample : G3900-01
Misc :
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Instrument :
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ClientSampleId :
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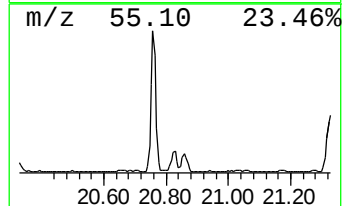
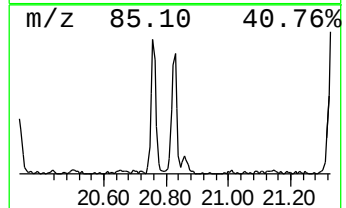
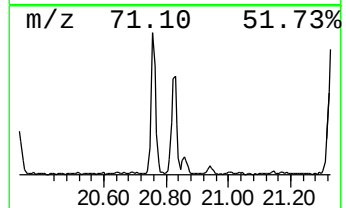
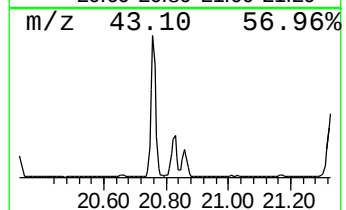
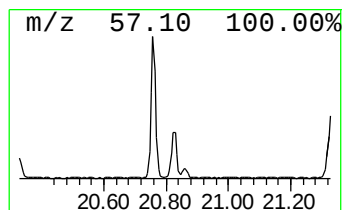
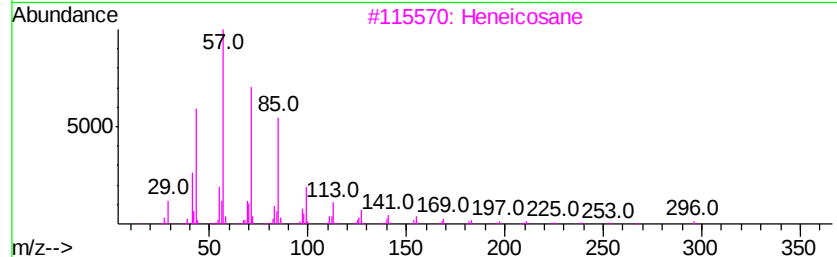
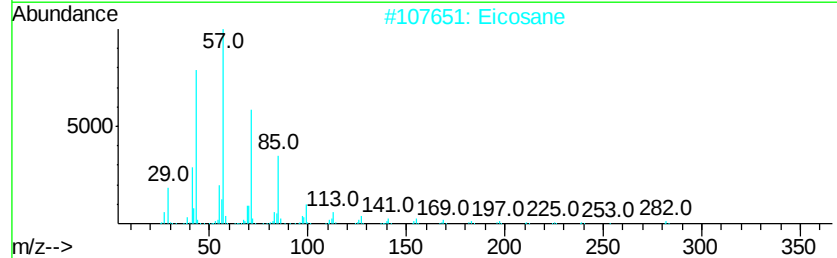
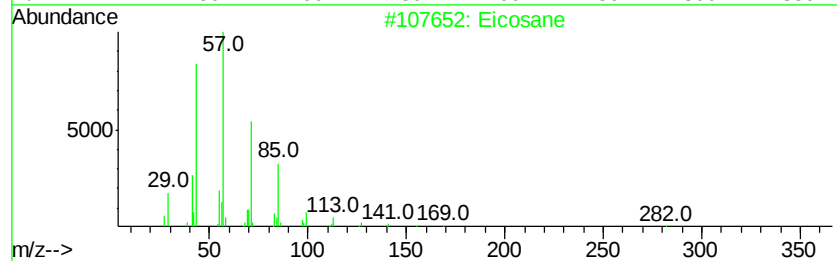
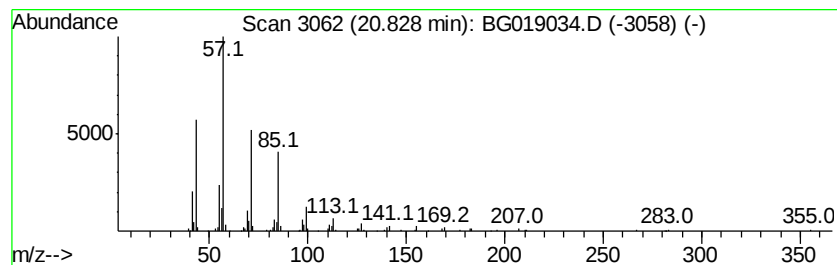
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.83	4.16 ng/ul	148591	Chrysene-d12	21.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	91
2		Eicosane	282	C20H42	000112-95-8	91
3		Heneicosane	296	C21H44	000629-94-7	90
4		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	90
5		Octadecane	254	C18H38	000593-45-3	87



Data Path : Z:\HPCHEM1\BNA G\DATA\BG100515\
Data File : BG019034.D
Acq On : 5 Oct 2015 19:35
Operator : UM/NP
Sample : G3900-01
Misc :
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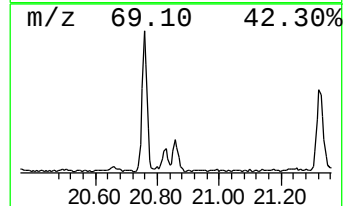
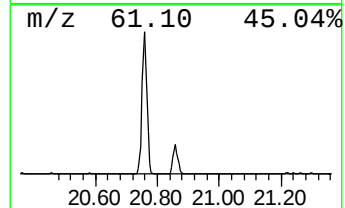
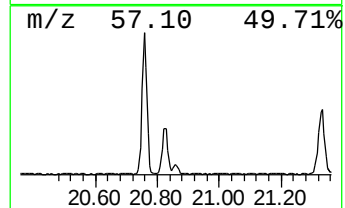
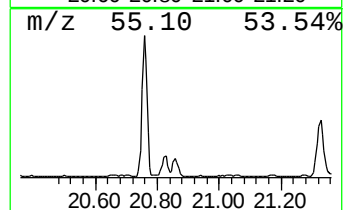
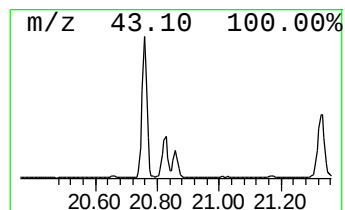
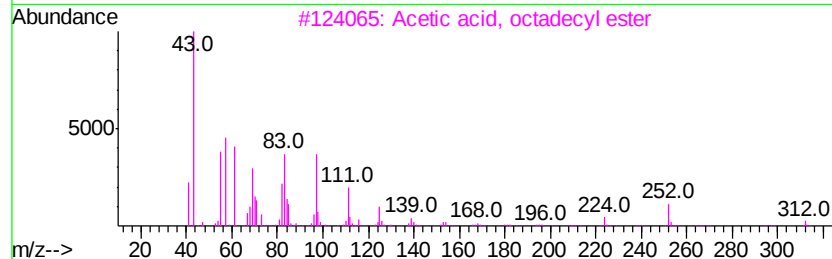
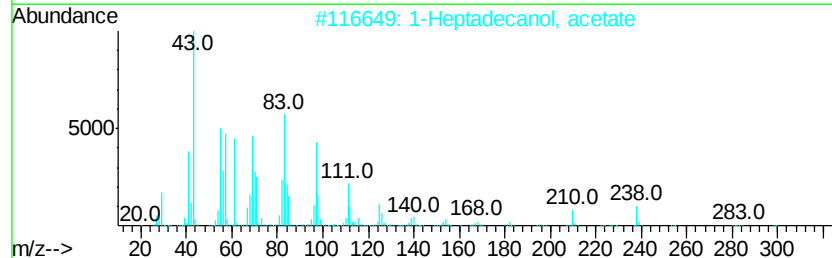
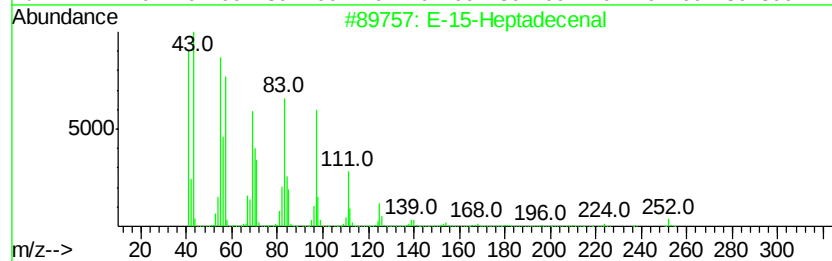
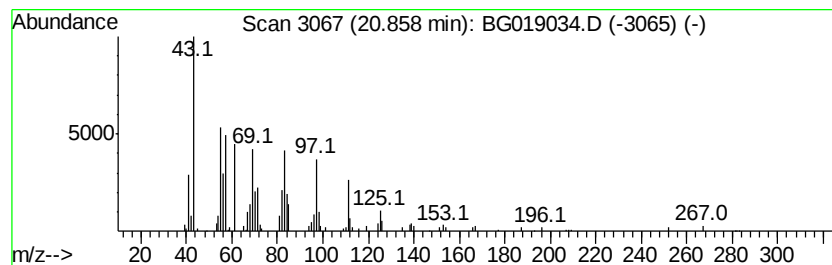
Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 E-15-Heptadecenal Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.86	2.30 ng/ul	82290	Chrysene-d12	21.67
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	E-15-Heptadecenal	252 C17H32O	1000130-97-9	92
2	1-Heptadecanol, acetate	298 C19H38O2	000822-20-8	91
3	Acetic acid, octadecyl ester	312 C20H40O2	000822-23-1	91
4	1-Hexadecanol, acetate	284 C18H36O2	000629-70-9	87
5	Acetic acid, octadecyl ester	312 C20H40O2	000822-23-1	83



Data Path : Z:\HPCHEM1\BNA G\DATA\BG100515\
Data File : BG019034.D
Acq On : 5 Oct 2015 19:35
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Sample : G3900-01
Misc :
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Instrument :
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ClientSampleId :
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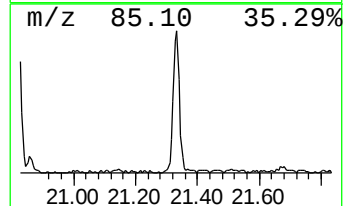
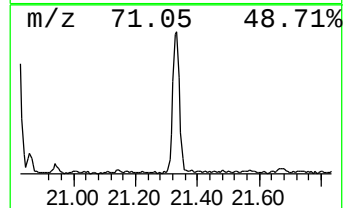
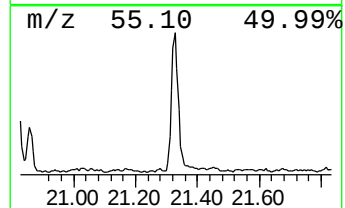
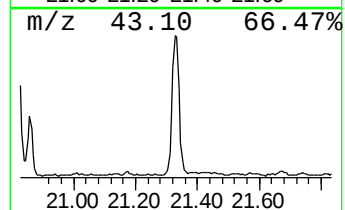
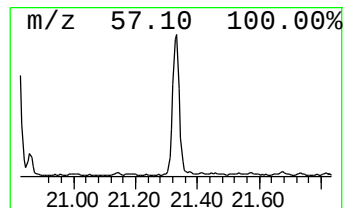
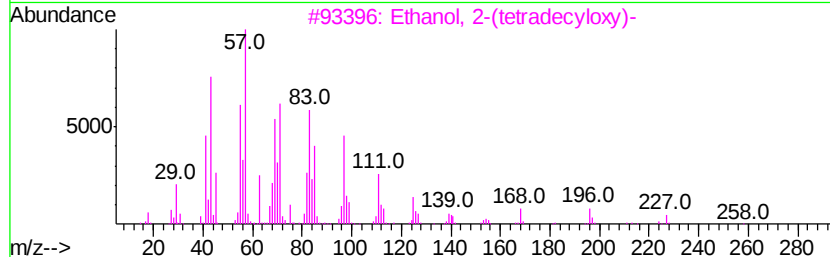
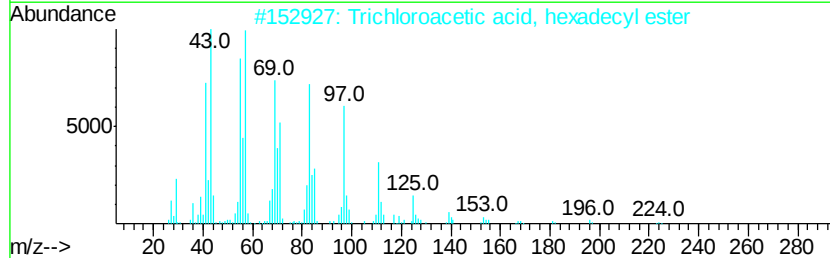
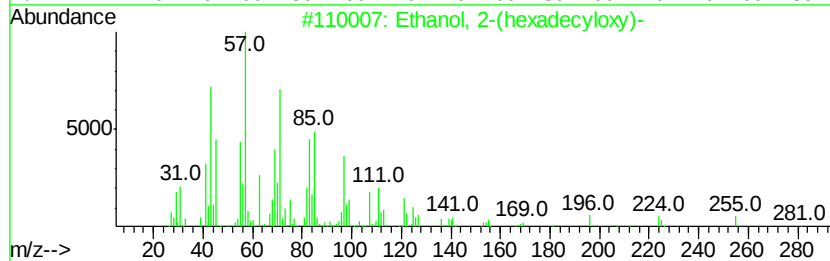
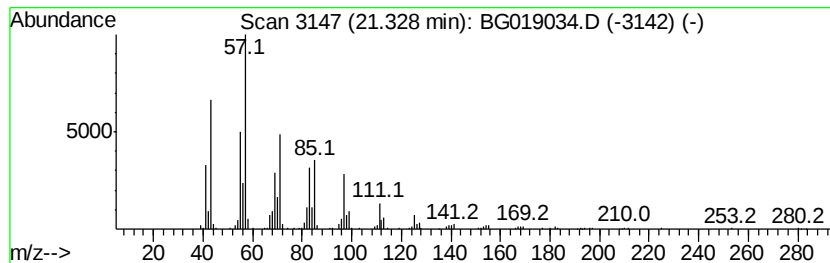
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 Ethanol, 2-(hexadecyloxy)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.33	9.58 ng/ul	342148	Chrysene-d12	21.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanol, 2-(hexadecyloxy)-	286	C18H38O2	002136-71-2	72
2		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	62
3		Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	58
4		Trifluoroacetic acid, n-octadecyl...	366	C20H37F3O2	079392-43-1	53
5		Tetradecane	198	C14H30	000629-59-4	53



Data Path : Z:\HPCHEM1\BNA G\DATA\BG100515\
Data File : BG019034.D
Acq On : 5 Oct 2015 19:35
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Misc :
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ClientSampleId :
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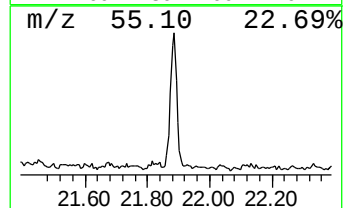
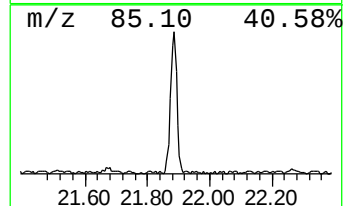
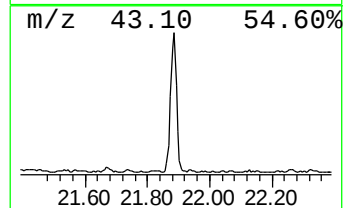
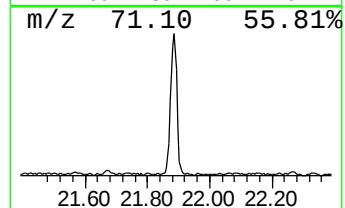
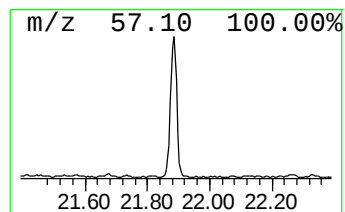
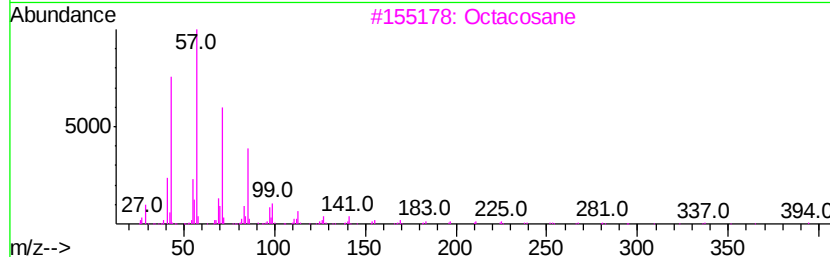
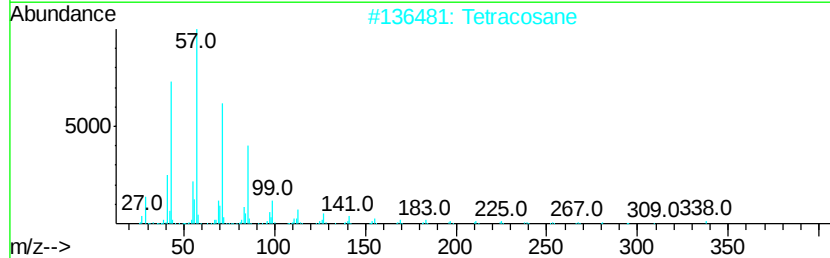
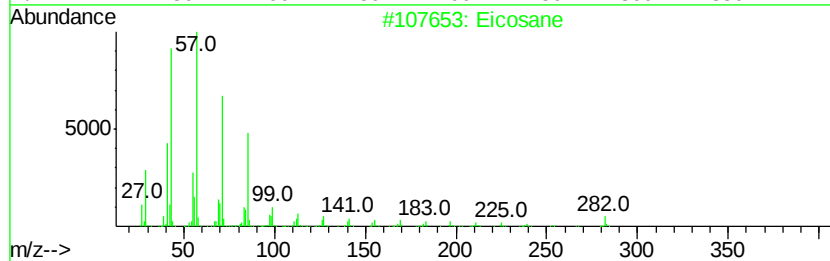
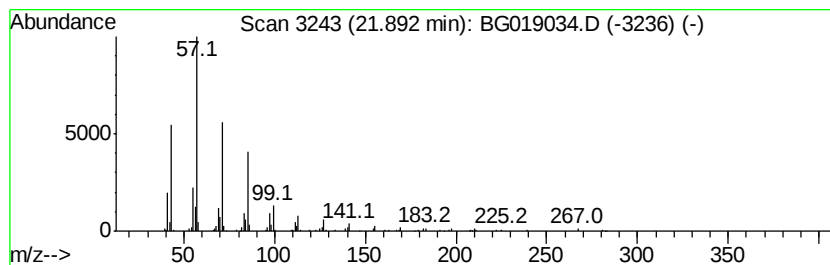
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.89	6.45 ng/ul	230390	Chrysene-d12	21.67

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane	282	C20H42	000112-95-8	97
2			Tetracosane	338	C24H50	000646-31-1	91
3			Octacosane	394	C28H58	000630-02-4	91
4			Eicosane	282	C20H42	000112-95-8	91
5			Eicosane	282	C20H42	000112-95-8	91



Data Path : Z:\HPCHEM1\BNA G\DATA\BG100515\
Data File : BG019034.D
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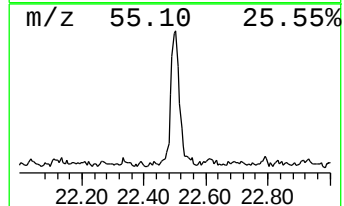
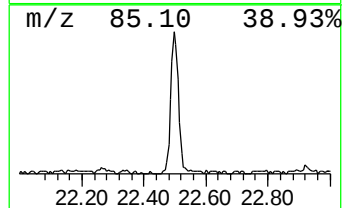
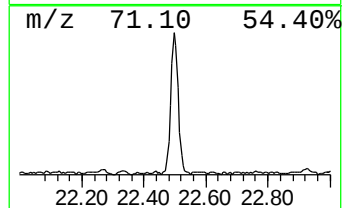
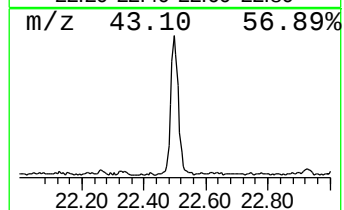
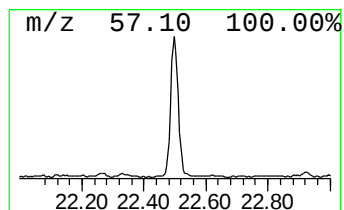
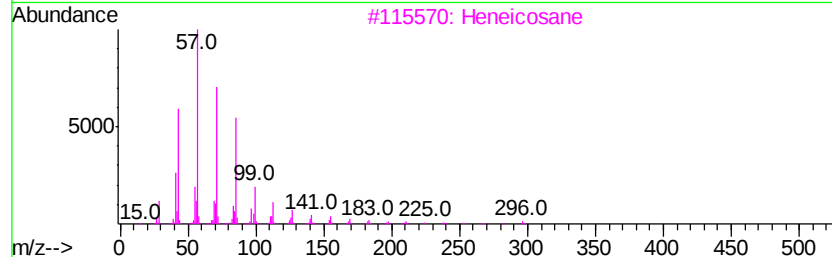
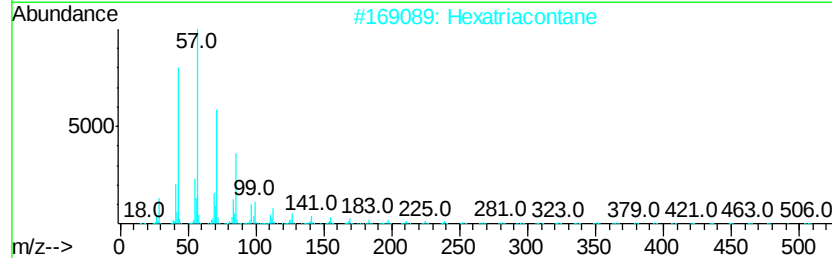
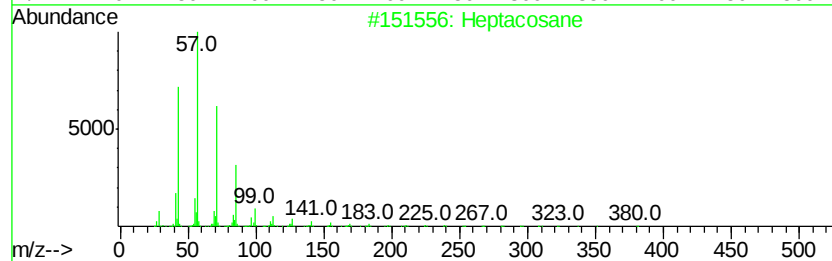
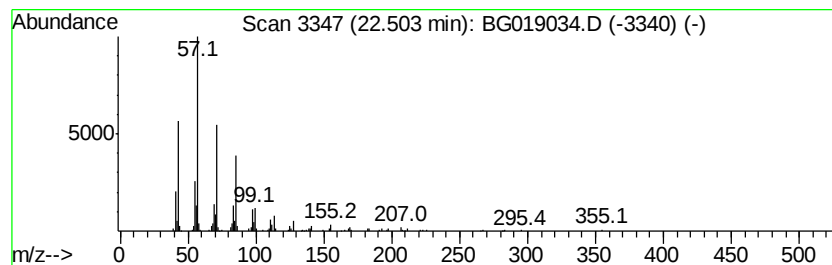
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.50	6.62 ng/ul	236455	Chrysene-d12	21.67

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptacosane	380	C27H56	000593-49-7	91
2			Hexatriacontane	507	C36H74	000630-06-8	91
3			Heneicosane	296	C21H44	000629-94-7	90
4			Octacosane	394	C28H58	000630-02-4	90
5			Tetratriacontane	479	C34H70	014167-59-0	90



Data Path : Z:\HPCHEM1\BNA G\DATA\BG100515\
Data File : BG019034.D
Acq On : 5 Oct 2015 19:35
Operator : UM/NP
Sample : G3900-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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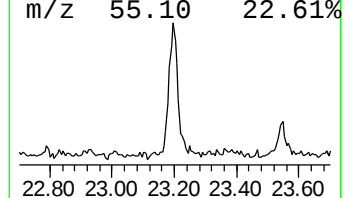
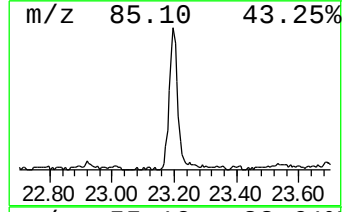
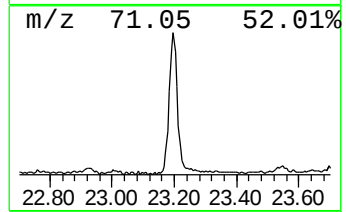
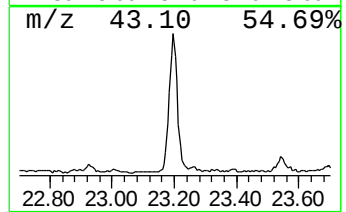
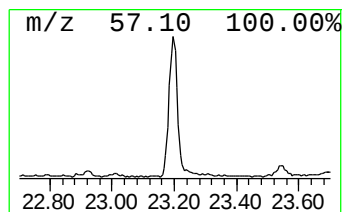
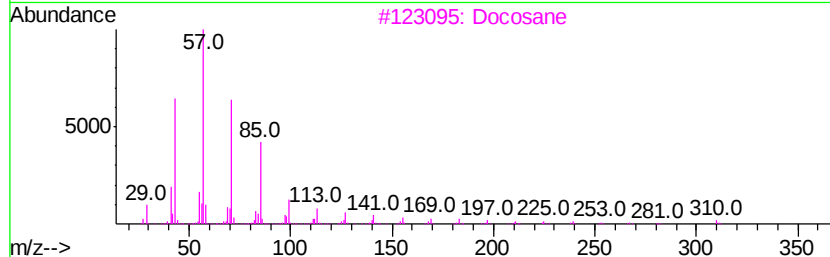
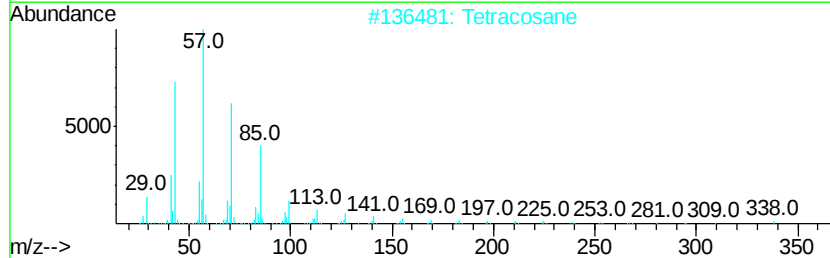
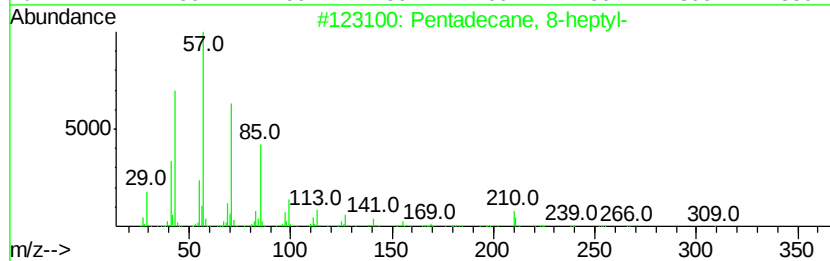
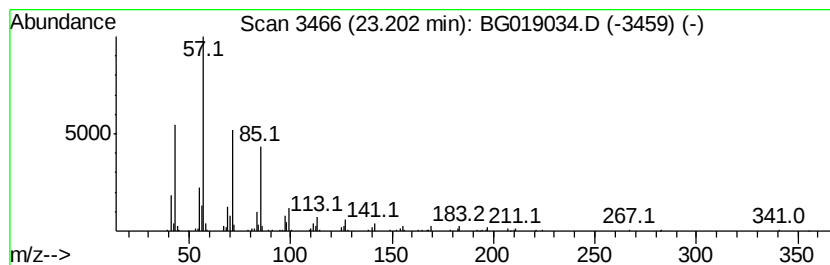
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.20	6.02 ng/ul	215064	Chrysene-d12	21.67

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
2			Tetracosane	338	C24H50	000646-31-1	91
3			Docosane	310	C22H46	000629-97-0	91
4			Heneicosane	296	C21H44	000629-94-7	90
5			Octadecane	254	C18H38	000593-45-3	87



Data Path : Z:\HPCHEM1\BNA G\DATA\BG100515\
Data File : BG019034.D
Acq On : 5 Oct 2015 19:35
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Sample : G3900-01
Misc :
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Instrument :
BNA_G
ClientSampleId :
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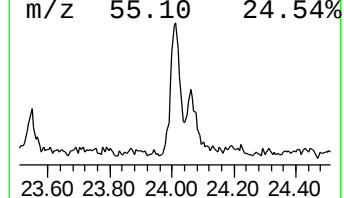
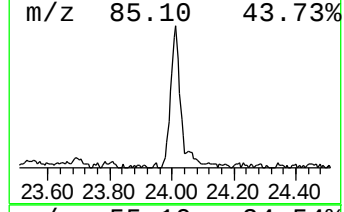
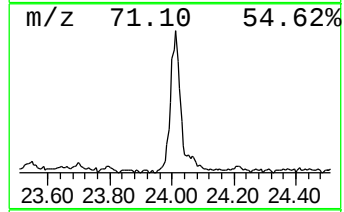
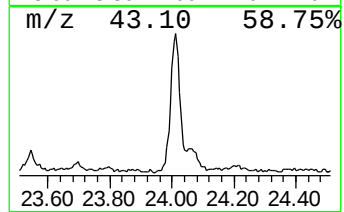
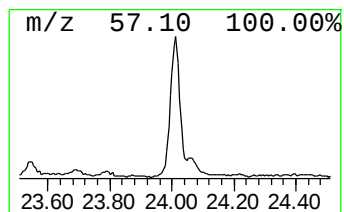
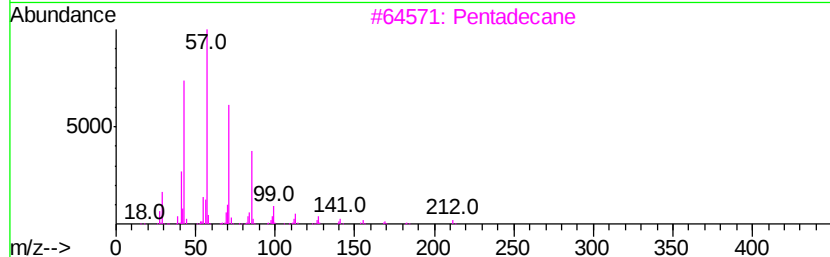
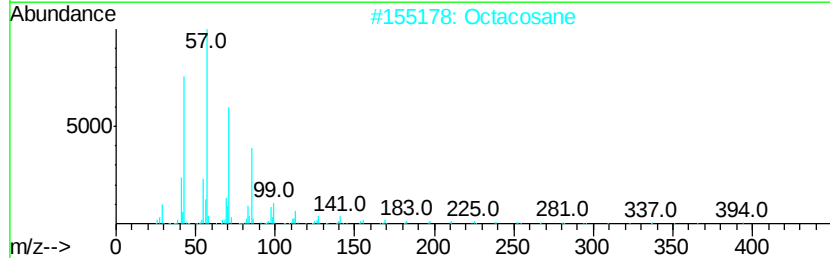
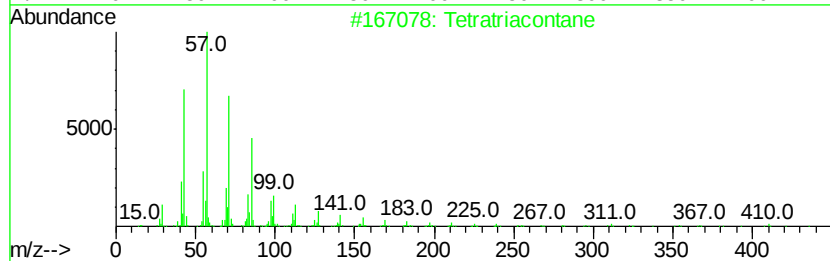
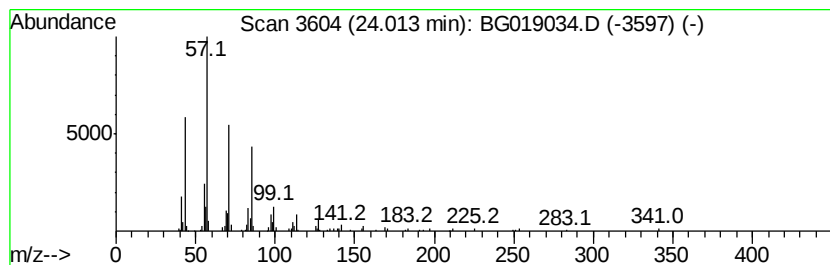
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.01	5.01 ng/ul	170829	Perylene-d12	24.89

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetratriacontane	479	C34H70	014167-59-0	91
2			Octacosane	394	C28H58	000630-02-4	90
3			Pentadecane	212	C15H32	000629-62-9	87
4			Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	87
5			Heneicosane	296	C21H44	000629-94-7	87



Data Path : Z:\HPCHEM1\BNA G\DATA\BG100515\
Data File : BG019034.D
Acq On : 5 Oct 2015 19:35
Operator : UM/NP
Sample : G3900-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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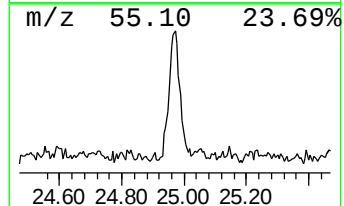
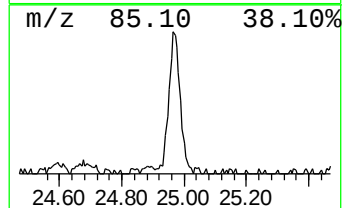
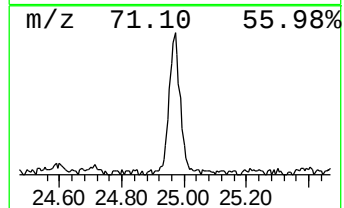
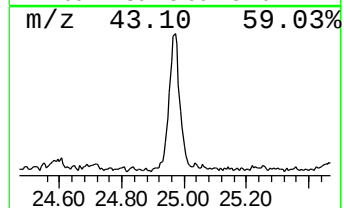
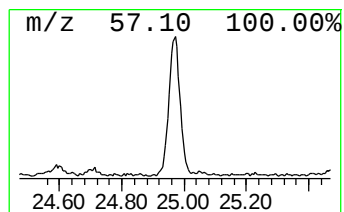
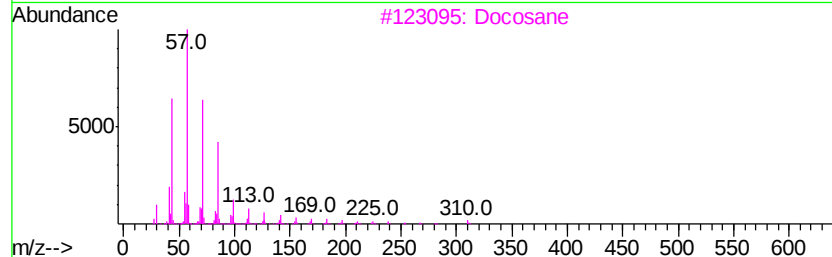
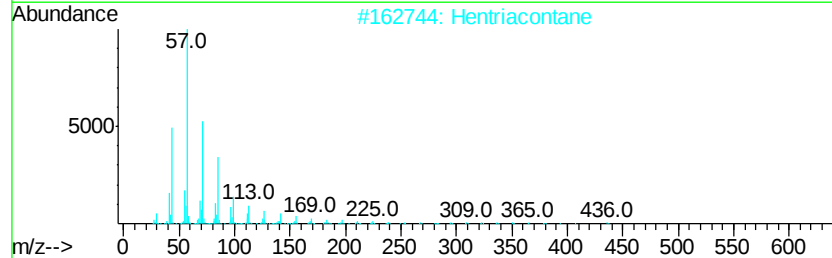
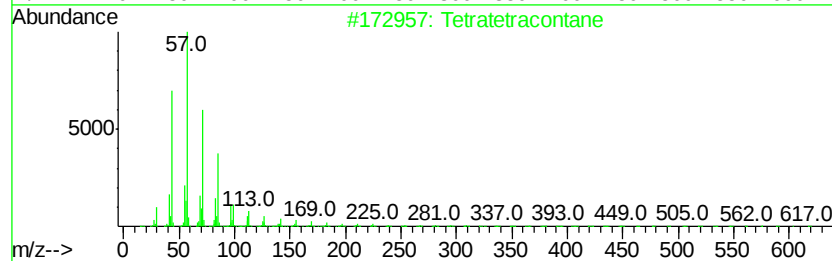
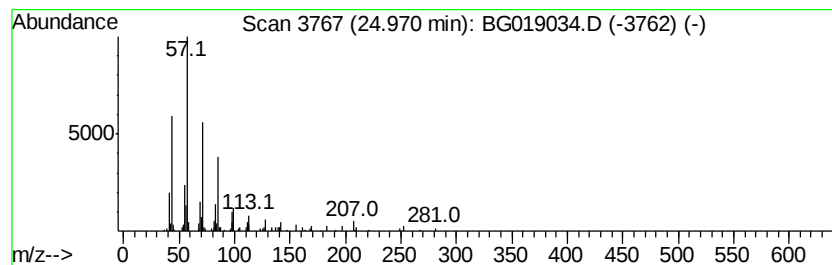
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.97	4.06 ng/ul	138535	Perylene-d12	24.89

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetratetracontane	619	C44H90	007098-22-8	87
2			Hentriacontane	437	C31H64	000630-04-6	83
3			Docosane	310	C22H46	000629-97-0	83
4			Nonacosane	408	C29H60	000630-03-5	83
5			Octacosane	394	C28H58	000630-02-4	80



Data Path : Z:\HPCHEM1\BNA G\DATA\BG100515\
Data File : BG019034.D
Acq On : 5 Oct 2015 19:35
Operator : UM/NP
Sample : G3900-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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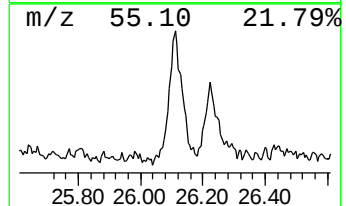
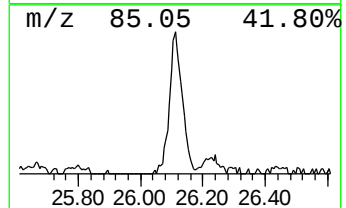
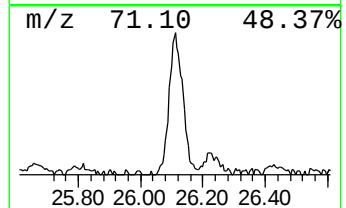
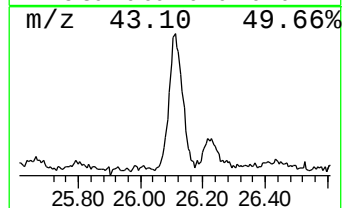
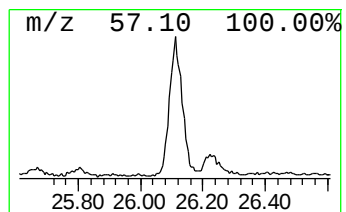
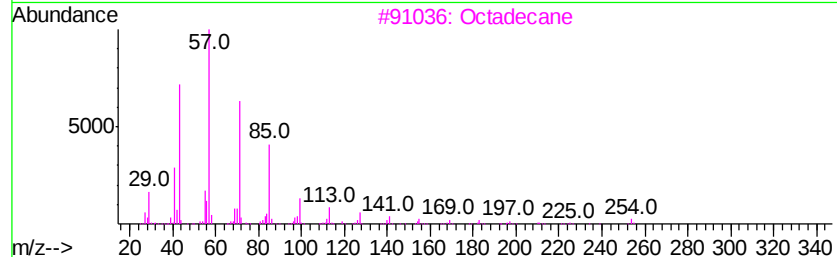
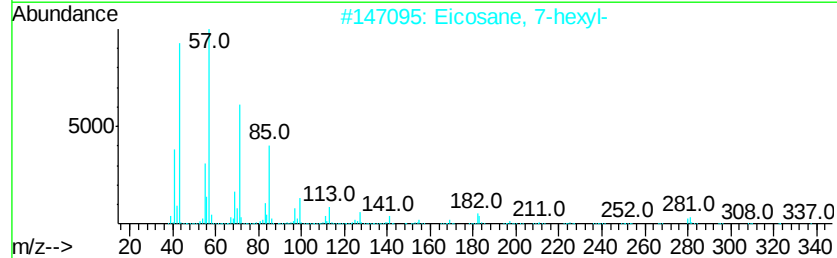
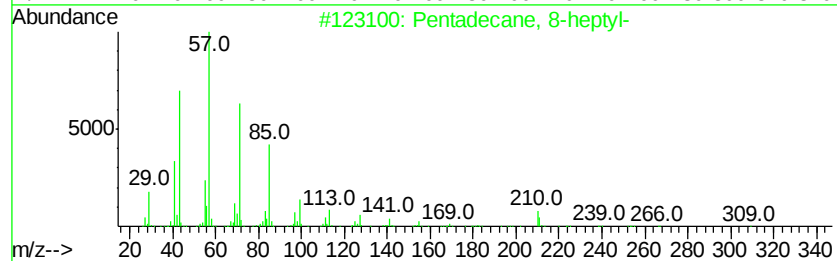
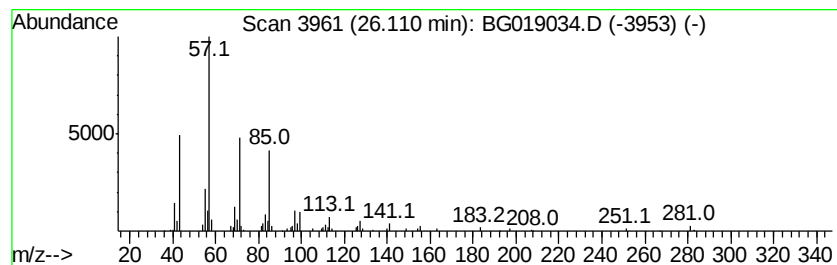
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.11	4.29 ng/ul	146394	Perylene-d12	24.89

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
2			Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90
3			Octadecane	254	C18H38	000593-45-3	83
4			Nonacosane	408	C29H60	000630-03-5	80
5			Heneicosane	296	C21H44	000629-94-7	74



Data Path : Z:\HPCHEM1\BNA G\DATA\BG100515\
Data File : BG019034.D
Acq On : 5 Oct 2015 19:35
Operator : UM/NP
Sample : G3900-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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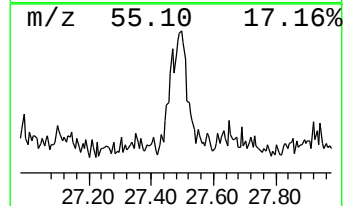
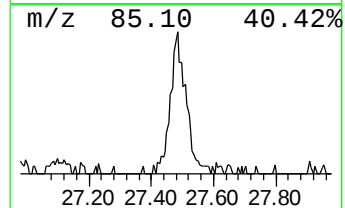
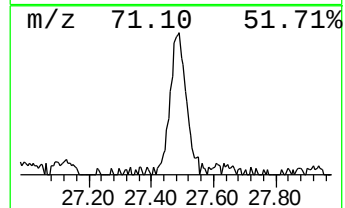
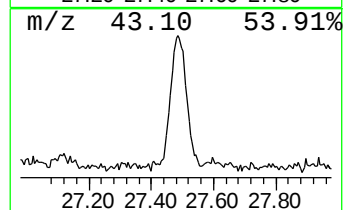
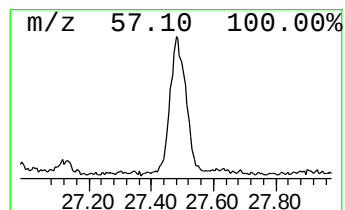
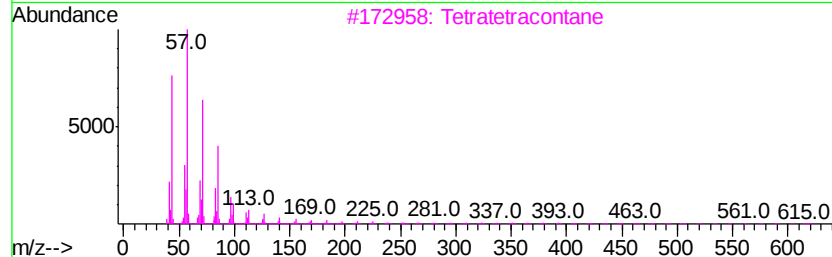
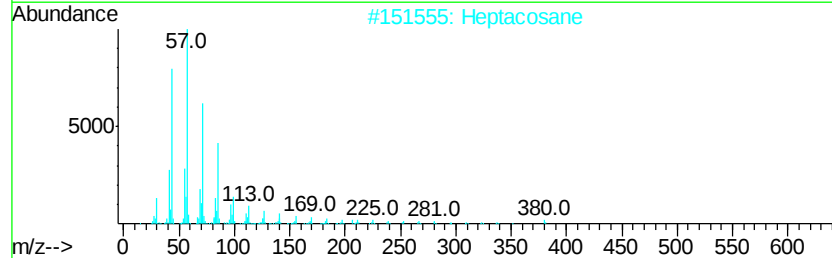
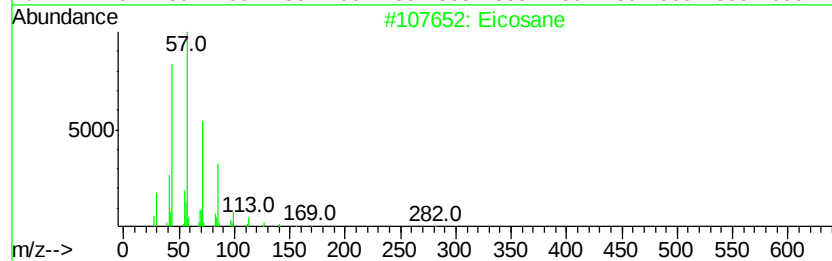
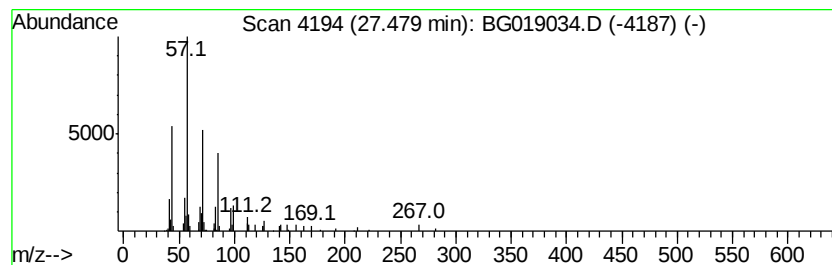
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.48	3.05 ng/ul	104034	Perylene-d12	24.89

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane	282	C20H42	000112-95-8	90
2			Heptacosane	380	C27H56	000593-49-7	87
3			Tetratetracontane	619	C44H90	007098-22-8	86
4			Nonacosane	408	C29H60	000630-03-5	86
5			Tetratetracontane	619	C44H90	007098-22-8	86



Data Path : Z:\HPCHEM1\BNA G\DATA\BG100515\
Data File : BG019034.D
Acq On : 5 Oct 2015 19:35
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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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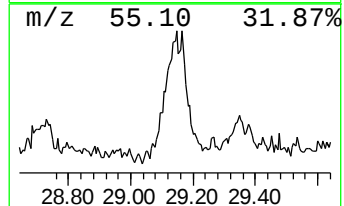
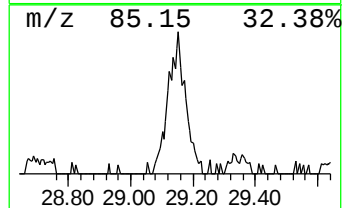
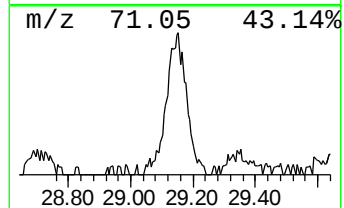
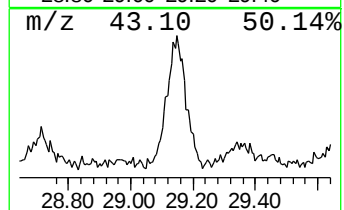
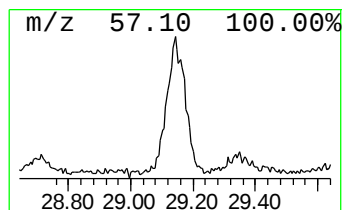
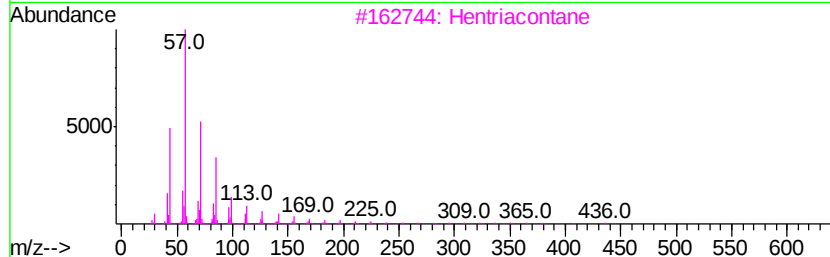
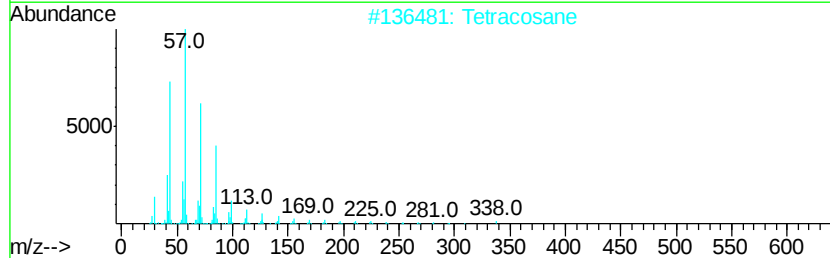
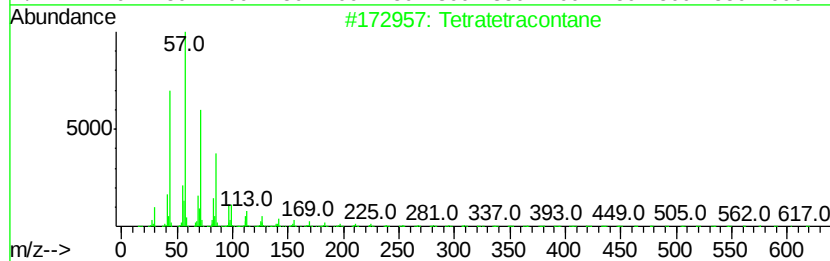
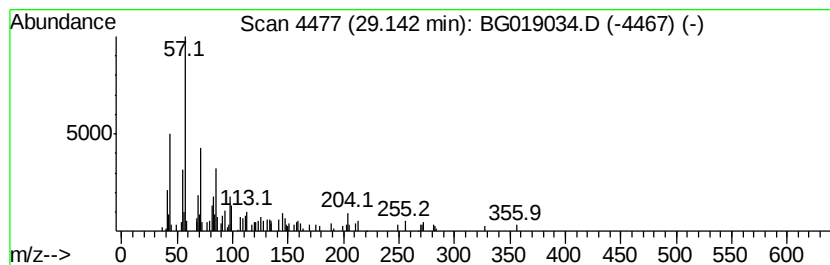
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.14	3.77 ng/ul	128687	Perylene-d12	24.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratetracontane	619	C44H90	007098-22-8	64
2		Tetracosane	338	C24H50	000646-31-1	64
3		Hentriacontane	437	C31H64	000630-04-6	64
4		Eicosane	282	C20H42	000112-95-8	64
5		1-Chloroeicosane	316	C20H41Cl	042217-02-7	64



Data Path : Z:\HPCHEM1\BNA G\DATA\BG100515\
Data File : BG019034.D
Acq On : 5 Oct 2015 19:35
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Sample : G3900-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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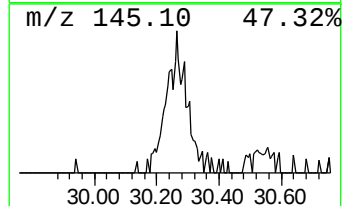
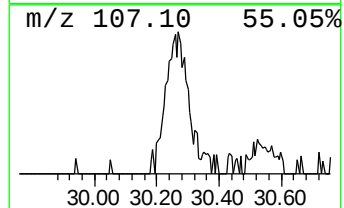
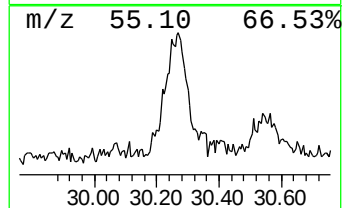
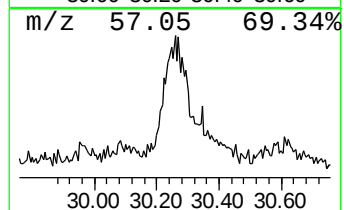
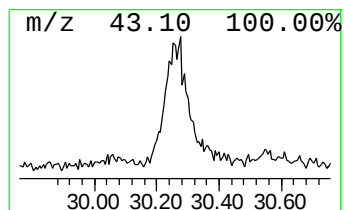
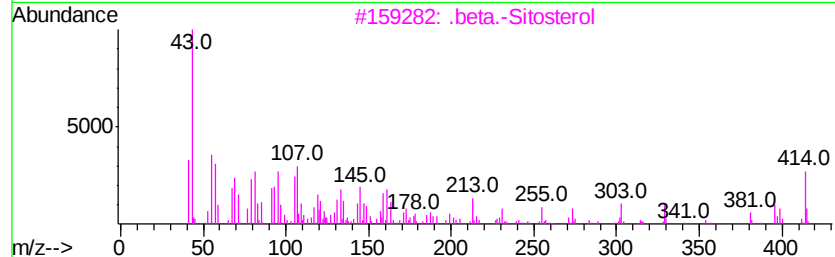
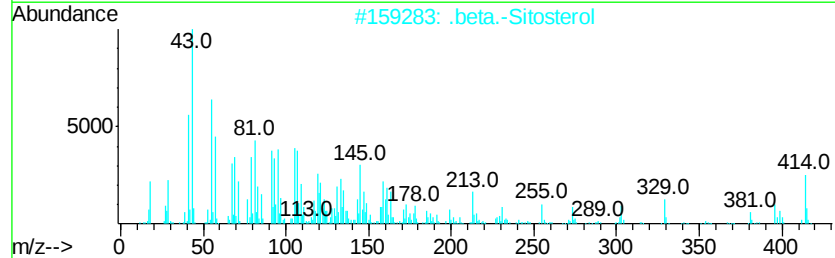
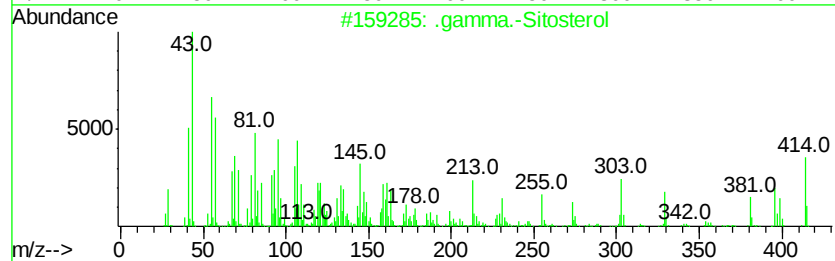
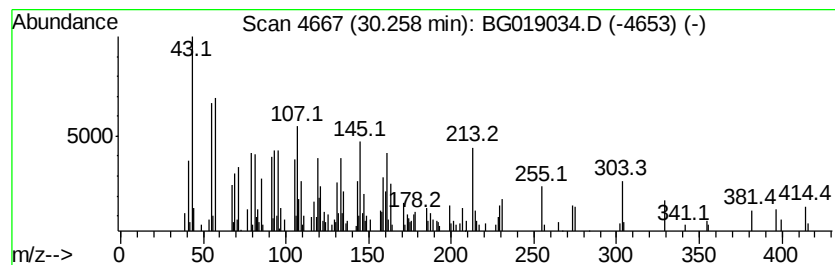
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 .gamma.-Sitosterol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.26	8.87 ng/ul	302792	Perylene-d12	24.89

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	99
3		.beta.-Sitosterol	414	C29H50O	000083-46-5	92
4		.beta.-Sitosterol acetate	456	C31H52O2	000915-05-9	46
5		Stigmastan-3,5-diene	396	C29H48	1000214-16-4	41



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG100515\
 Data File : BG019034.D
 Acq On : 5 Oct 2015 19:35
 Operator : UM/NP
 Sample : G3900-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AA0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG100415.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
Butane, 2-methoxy...	3.24	13.9	ng/ul	131355	1	8.05	189557	20.0
n-Hexadecanoic acid	18.30	3.0	ng/ul	88132	4	17.41	577279	20.0
2-Mercaptobenzoth...	18.61	3.2	ng/ul	93363	4	17.41	577279	20.0
Hexadecanoic acid...	19.72	34.5	ng/ul	1232530	5	21.67	714231	20.0
Octadecanoic acid...	20.76	24.4	ng/ul	872187	5	21.67	714231	20.0
(DEL) Alkane: Str...	20.83	4.2	ng/ul	148591	5	21.67	714231	20.0
E-15-Heptadecenal	20.86	2.3	ng/ul	82290	5	21.67	714231	20.0
Ethanol, 2-(hexad...	21.33	9.6	ng/ul	342148	5	21.67	714231	20.0
(DEL) Alkane: Str...	21.89	6.5	ng/ul	230390	5	21.67	714231	20.0
(DEL) Alkane: Str...	22.50	6.6	ng/ul	236455	5	21.67	714231	20.0
(DEL) Alkane: Str...	23.20	6.0	ng/ul	215064	5	21.67	714231	20.0
(DEL) Alkane: Str...	24.01	5.0	ng/ul	170829	6	24.89	682366	20.0
(DEL) Alkane: Str...	24.97	4.1	ng/ul	138535	6	24.89	682366	20.0
(DEL) Alkane: Str...	26.11	4.3	ng/ul	146394	6	24.89	682366	20.0
(DEL) Alkane: Str...	27.48	3.0	ng/ul	104034	6	24.89	682366	20.0
(DEL) Alkane: Str...	29.14	3.8	ng/ul	128687	6	24.89	682366	20.0
.gamma.-Sitosterol	30.26	8.9	ng/ul	302792	6	24.89	682366	20.0