

Data Path : Z:\HPCHEM1\BNA G\DATA\BG100515\
 Data File : BG019038.D
 Acq On : 5 Oct 2015 22:07
 Operator : UM/NP
 Sample : G3900-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AA5

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	2.944	16	18	24	rVB3	3504	4626	0.47%	0.030%
2	3.167	48	56	64	rBV2	38180	73334	7.43%	0.475%
3	3.244	64	69	81	rVB	76490	113453	11.50%	0.735%
4	3.502	109	113	119	rVB	6285	8419	0.85%	0.055%
5	3.772	156	159	165	rBV	4018	6680	0.68%	0.043%
6	7.039	709	715	718	rBV4	3146	4822	0.49%	0.031%
7	7.215	737	745	754	rBV	140467	240564	24.38%	1.558%
8	7.374	766	772	780	rBV	100748	163171	16.54%	1.057%
9	7.586	798	808	815	rBV	131076	221546	22.45%	1.435%
10	8.050	880	887	893	rVV	129795	213261	21.61%	1.381%
11	8.755	999	1007	1013	rBV	169923	282975	28.68%	1.832%
12	9.207	1074	1084	1093	rBV	129416	228457	23.15%	1.479%
13	9.636	1152	1157	1162	rBV3	2789	4147	0.42%	0.027%
14	9.930	1199	1207	1214	rBV	114935	197488	20.01%	1.279%
15	10.470	1292	1299	1306	rVB	179370	309485	31.36%	2.004%
16	10.623	1321	1325	1332	rBV4	2952	5290	0.54%	0.034%
17	10.852	1357	1364	1372	rBV	188994	342245	34.68%	2.216%
18	10.988	1378	1387	1395	rBV	120635	221495	22.45%	1.434%
19	11.499	1468	1474	1479	rVB3	6788	12636	1.28%	0.082%
20	13.038	1730	1736	1741	rVB3	5314	8676	0.88%	0.056%
21	13.285	1774	1778	1784	rVB3	8333	11443	1.16%	0.074%
22	14.078	1907	1913	1917	rBV	323131	465082	47.13%	3.011%
23	14.125	1917	1921	1926	rVB	209720	287038	29.09%	1.859%
24	14.366	1955	1962	1971	rVB	357168	560336	56.79%	3.628%
25	14.566	1992	1996	2002	rVB	6921	9803	0.99%	0.063%
26	14.671	2007	2014	2023	rBV2	309479	504379	51.12%	3.266%
27	14.865	2040	2047	2053	rBV	185647	277707	28.14%	1.798%
28	15.018	2066	2073	2078	rBV6	3272	8150	0.83%	0.053%
29	15.077	2078	2083	2085	rVV4	2542	4789	0.49%	0.031%
30	15.183	2097	2101	2104	rVV2	3309	5191	0.53%	0.034%
31	15.471	2143	2150	2154	rBV3	5308	9629	0.98%	0.062%
32	15.518	2154	2158	2164	rVV	23370	29970	3.04%	0.194%
33	15.664	2176	2183	2189	rVV	469618	732738	74.26%	4.745%
34	15.770	2195	2201	2211	rVB	154528	223269	22.63%	1.446%

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35	15.905	2218	2224	2225	rBV4	8460	11692	1.18%	0.076%
36	15.964	2231	2234	2240	rVB6	2721	3874	0.39%	0.025%
37	16.070	2248	2252	2260	rBV5	2892	5382	0.55%	0.035%
38	16.134	2260	2263	2269	rVB4	4104	6000	0.61%	0.039%
39	16.240	2278	2281	2288	rVB5	3566	5642	0.57%	0.037%
40	16.375	2300	2304	2307	rBV	32155	41906	4.25%	0.271%
41	16.405	2307	2309	2313	rVB2	9999	11472	1.16%	0.074%
42	16.552	2331	2334	2337	rVB2	4549	5581	0.57%	0.036%
43	16.722	2360	2363	2366	rBV4	3583	6024	0.61%	0.039%
44	16.781	2370	2373	2377	rBV4	2705	4882	0.49%	0.032%
45	16.881	2387	2390	2395	rBV4	3749	5531	0.56%	0.036%
46	17.169	2435	2439	2443	rVV	32515	41777	4.23%	0.271%
47	17.221	2446	2448	2456	rVV5	7133	10230	1.04%	0.066%
48	17.310	2459	2463	2468	rBV7	3765	7417	0.75%	0.048%
49	17.415	2475	2481	2486	rVV	411837	633451	64.20%	4.102%
50	17.456	2486	2488	2491	rVV2	7279	9335	0.95%	0.060%
51	17.515	2491	2498	2505	rVV2	498458	797162	80.79%	5.162%
52	17.774	2539	2542	2545	rBV4	4305	7037	0.71%	0.046%
53	17.909	2561	2565	2569	rVV	19499	25129	2.55%	0.163%
54	18.185	2607	2612	2616	rBV7	3643	8432	0.85%	0.055%
55	18.250	2619	2623	2626	rBV4	3597	5620	0.57%	0.036%
56	18.302	2628	2632	2641	rBV	61492	96911	9.82%	0.628%
57	18.491	2658	2664	2665	rBV6	4961	9020	0.91%	0.058%
58	18.543	2671	2673	2677	rVB5	3491	4244	0.43%	0.027%
59	18.602	2678	2683	2684	rVV	27885	33961	3.44%	0.220%
60	18.626	2684	2687	2694	rVV	53712	87324	8.85%	0.565%
61	18.784	2711	2714	2718	rVV5	3108	4776	0.48%	0.031%
62	19.084	2760	2765	2771	rBV8	4865	9989	1.01%	0.065%
63	19.154	2773	2777	2780	rBV5	3927	6269	0.64%	0.041%
64	19.190	2780	2783	2786	rVV5	4753	7553	0.77%	0.049%
65	19.225	2786	2789	2792	rVB2	11880	13664	1.38%	0.088%
66	19.290	2798	2800	2804	rVV3	10409	15165	1.54%	0.098%
67	19.354	2807	2811	2814	rVB6	3618	5259	0.53%	0.034%
68	19.425	2821	2823	2825	rVV2	8143	8773	0.89%	0.057%
69	19.460	2825	2829	2835	rVB	19909	28699	2.91%	0.186%
70	19.572	2845	2848	2850	rBV4	6927	7880	0.80%	0.051%
71	19.601	2850	2853	2856	rVB3	13754	16948	1.72%	0.110%

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72	19.677	2863	2866	2868	rBV3	7412	7875	0.80%	0.051%
73	19.718	2868	2873	2878	rVV	595700	671361	68.04%	4.347%
74	19.795	2880	2886	2890	rVV	687165	986744	100.00%	6.389%
75	19.836	2890	2893	2901	rVB	158304	177471	17.99%	1.149%
76	20.130	2938	2943	2948	rBV3	16314	32753	3.32%	0.212%
77	20.294	2969	2971	2974	rBV4	7448	7533	0.76%	0.049%
78	20.330	2974	2977	2981	rVB	45134	51257	5.19%	0.332%
79	20.664	3031	3034	3037	rBV4	16670	22283	2.26%	0.144%
80	20.758	3046	3050	3055	rBV	527647	575454	58.32%	3.726%
81	20.829	3057	3062	3065	rVV	105163	129778	13.15%	0.840%
82	20.858	3065	3067	3071	rVB	78428	82924	8.40%	0.537%
83	21.105	3107	3109	3110	rBV2	5623	4347	0.44%	0.028%
84	21.176	3118	3121	3124	rBV2	11875	13337	1.35%	0.086%
85	21.246	3126	3133	3142	rVV2	24300	93846	9.51%	0.608%
86	21.328	3142	3147	3157	rVB2	188618	315212	31.94%	2.041%
87	21.681	3200	3207	3212	rBV	443505	740340	75.03%	4.794%
88	21.887	3237	3242	3251	rVB	148105	204293	20.70%	1.323%
89	22.498	3341	3346	3353	rBV	132513	236926	24.01%	1.534%
90	23.197	3459	3465	3472	rBV	102844	197228	19.99%	1.277%
91	23.549	3519	3525	3532	rBV2	48329	93582	9.48%	0.606%
92	24.013	3597	3604	3609	rBV	121227	260933	26.44%	1.690%
93	24.066	3609	3613	3623	rVB2	65857	143970	14.59%	0.932%
94	24.677	3708	3717	3727	rVB	322246	900192	91.23%	5.829%
95	24.901	3745	3755	3763	rBV2	242791	721003	73.07%	4.669%
96	24.971	3763	3767	3776	rVB2	57704	132065	13.38%	0.855%
97	26.123	3954	3963	3973	rVB	116319	333638	33.81%	2.160%
98	27.492	4189	4196	4208	rVB3	30810	95107	9.64%	0.616%
99	29.149	4469	4478	4479	rBV4	46514	97969	9.93%	0.634%
100	30.277	4656	4670	4691	rBV4	58097	311893	31.61%	2.020%

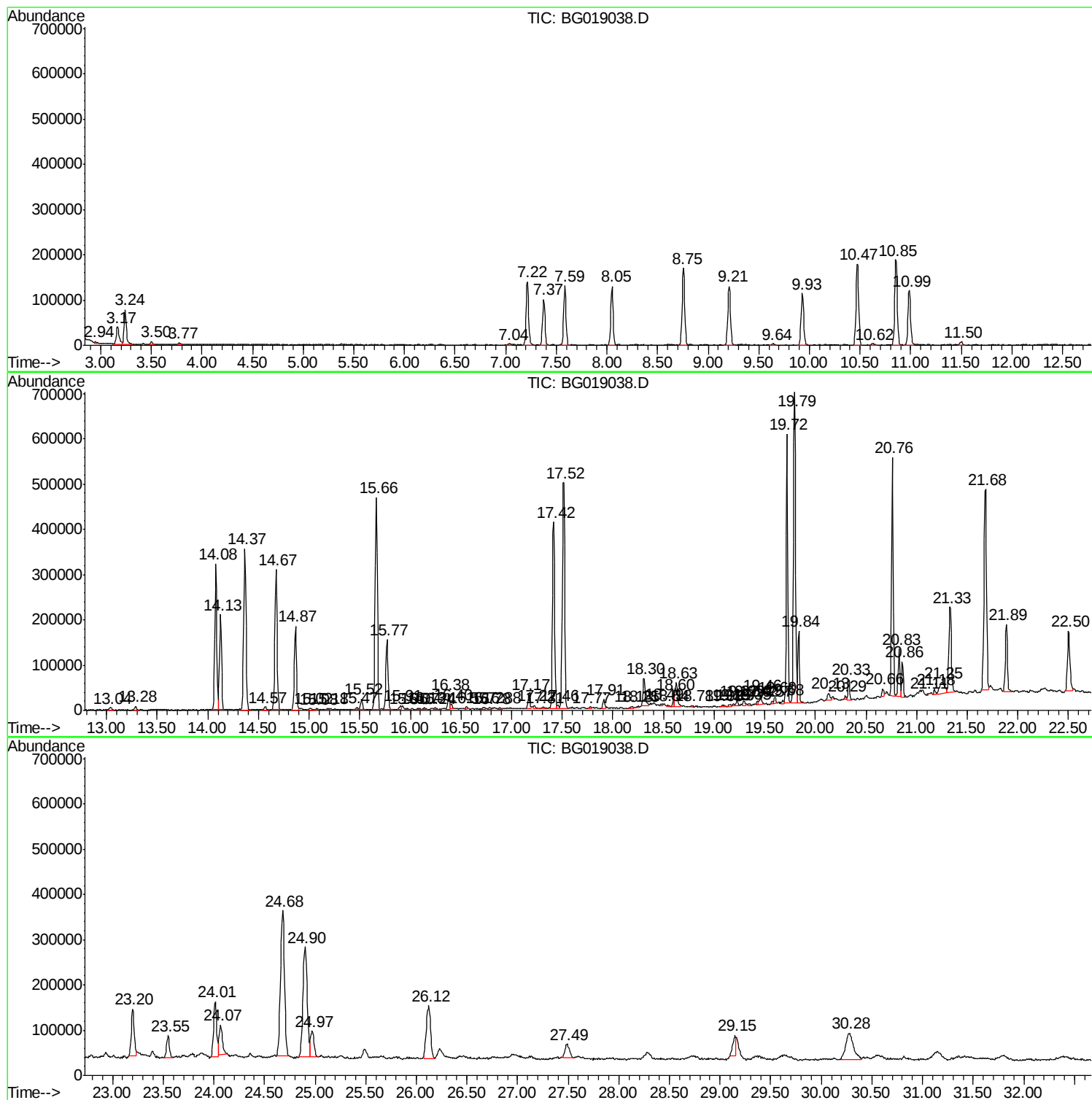
Sum of corrected areas: 15443619

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG100415.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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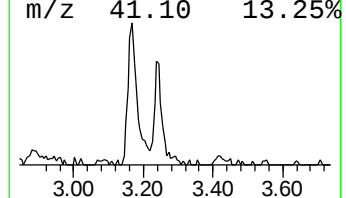
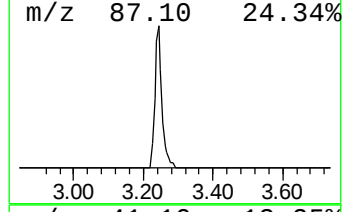
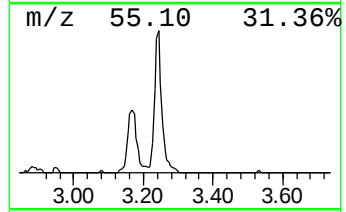
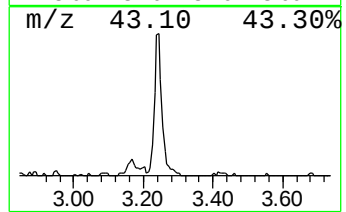
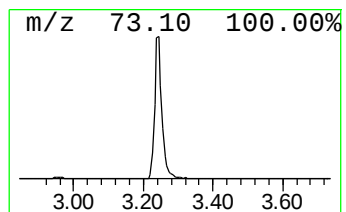
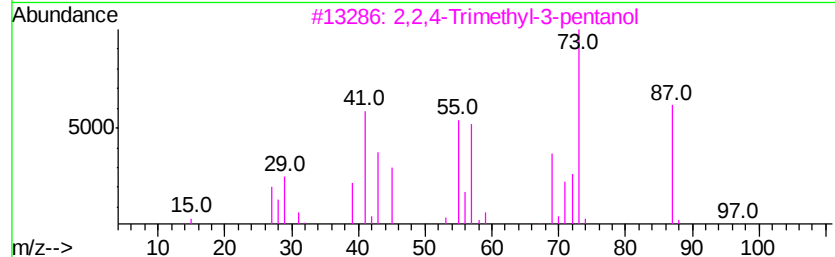
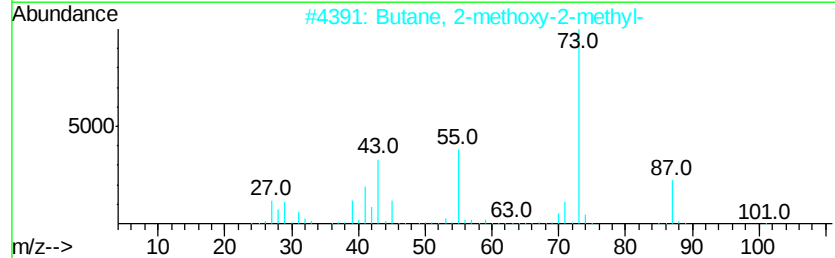
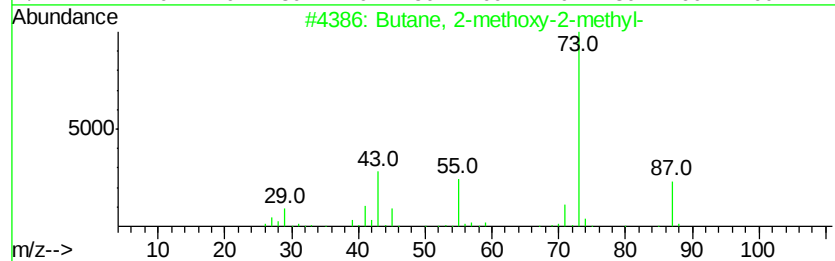
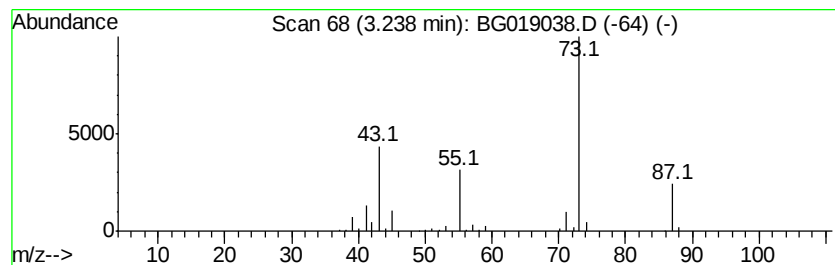
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG100415.M
Quant Title : SVOA CALIBRATION

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	10.64 ng/ul	113453	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	78
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
3		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	38
4		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	25
5		N-Ethylformamide	73	C3H7NO	000627-45-2	9



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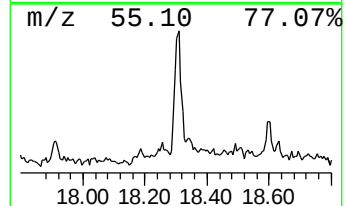
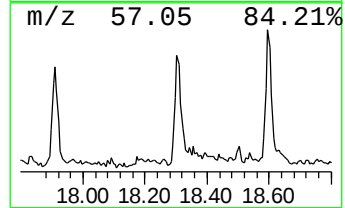
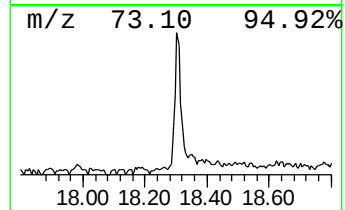
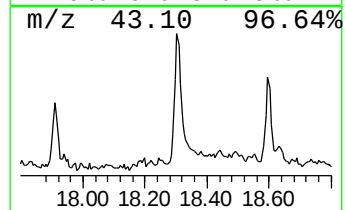
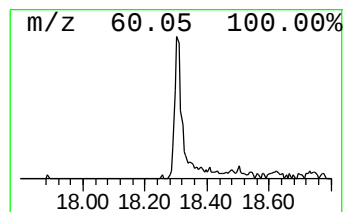
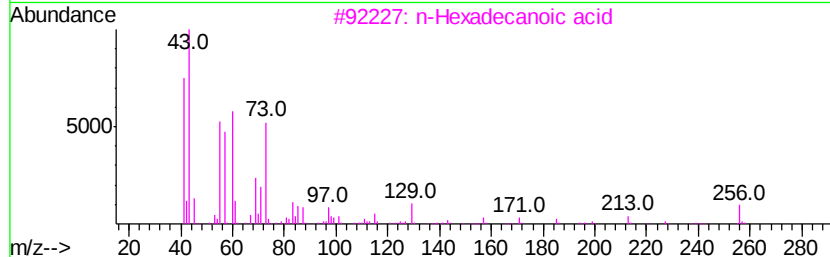
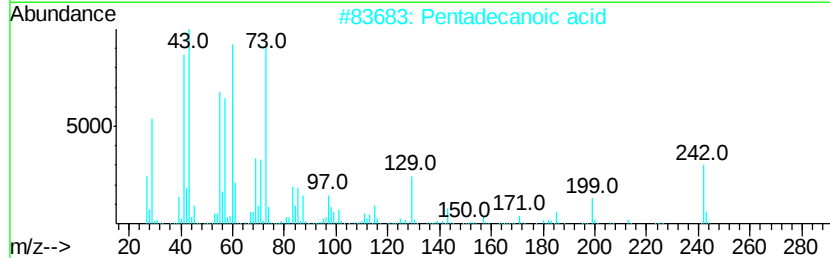
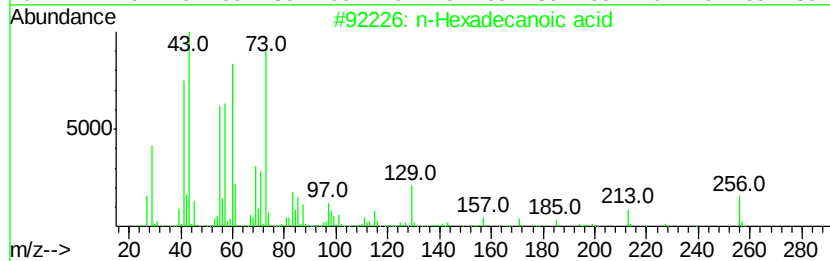
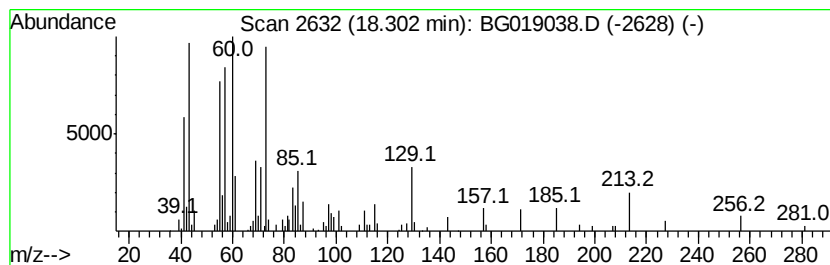
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG100415.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 n-Hexadecanoic acid Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.30	3.06 ng/ul	96911	Phenanthrene-d10	17.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	72
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	64
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64
4		Dodecanoic acid	200	C12H24O2	000143-07-7	64
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	64



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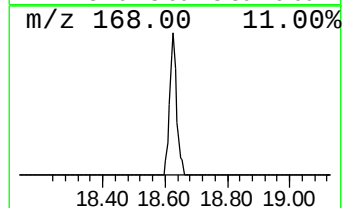
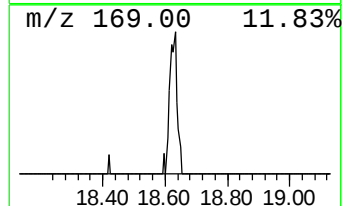
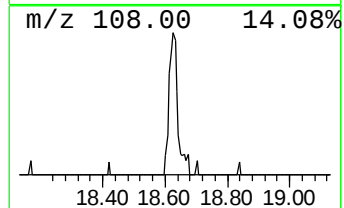
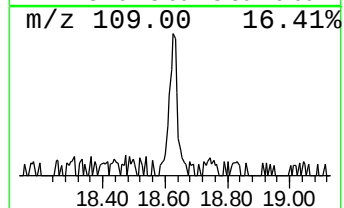
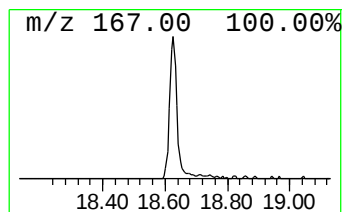
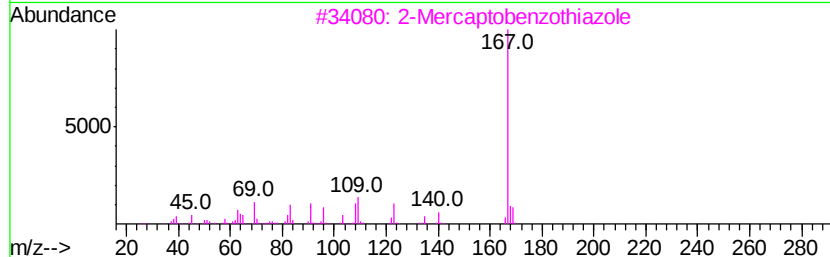
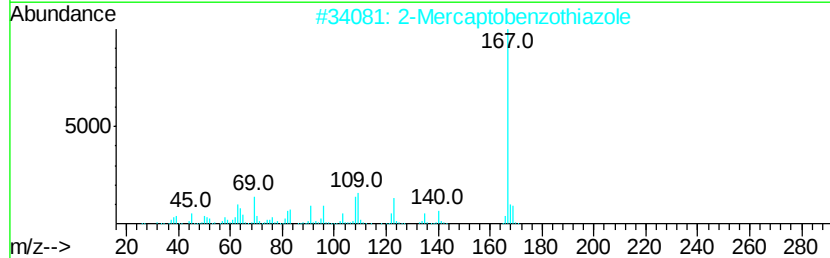
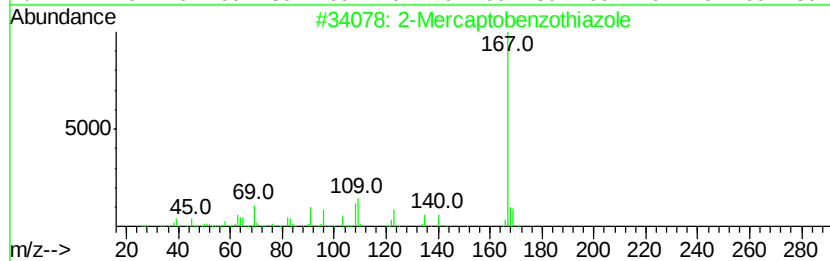
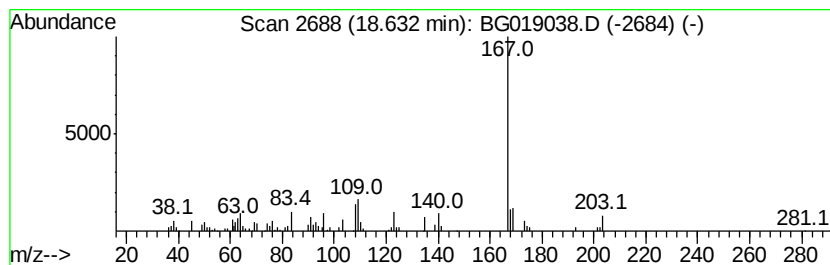
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TIC Integration Parameters: LSCINT.P

Peak Number 4 2-Mercaptobenzothiazole Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.63	2.76 ng/ul	87324	Phenanthrene-d10	17.42

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Mercaptobenzothiazole			167	C7H5NS2	000149-30-4	97
2	2-Mercaptobenzothiazole			167	C7H5NS2	000149-30-4	96
3	2-Mercaptobenzothiazole			167	C7H5NS2	000149-30-4	96
4	2-Mercaptobenzothiazole			167	C7H5NS2	000149-30-4	90
5	Thioguanine			167	C5H5N5S	000154-42-7	59



Data Path : Z:\HPCHEM1\BNA G\DATA\BG100515\
Data File : BG019038.D
Acq On : 5 Oct 2015 22:07
Operator : UM/NP
Sample : G3900-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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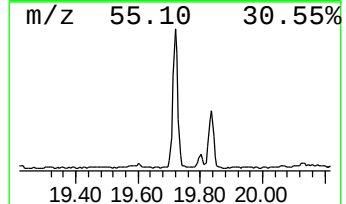
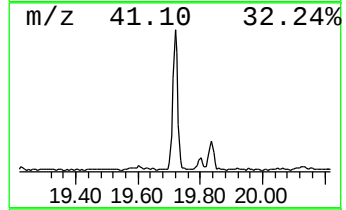
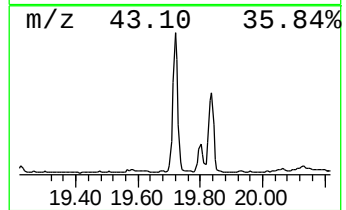
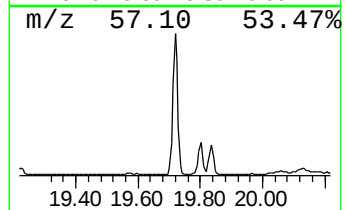
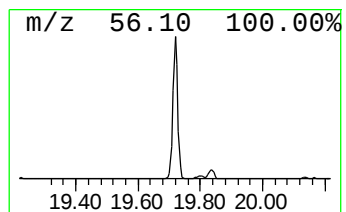
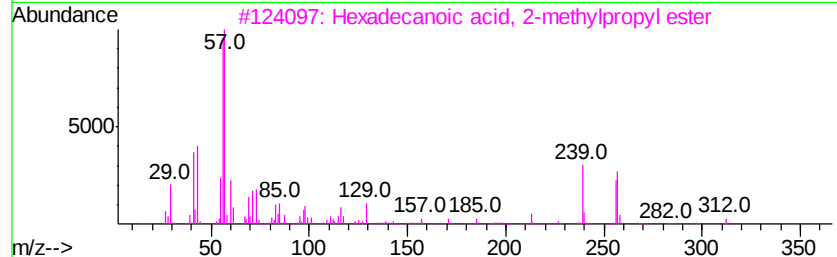
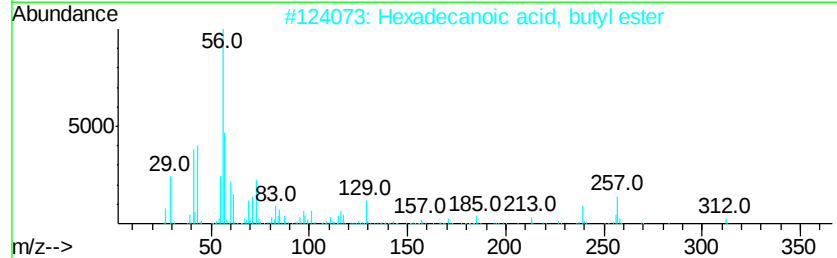
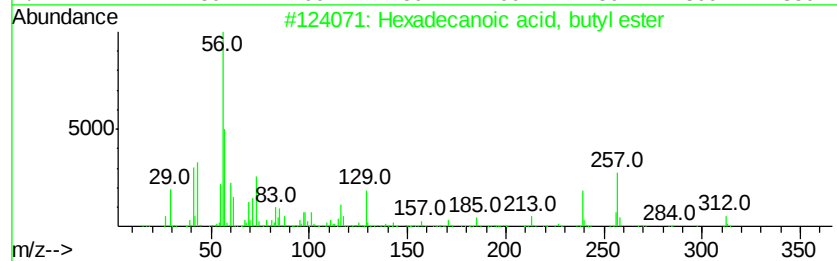
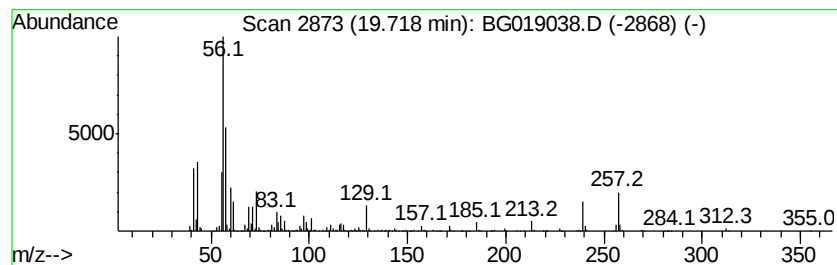
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Hexadecanoic acid, butyl ester Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.72	18.14 ng/ul	671361	Chrysene-d12	21.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	91
2		Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	83
3		Hexadecanoic acid, 2-methylpropyl...	312	C20H40O2	000110-34-9	50
4		Hexadecanoic acid, 1,1-dimethyl...	312	C20H40O2	031158-91-5	43
5		Cyclopentanecarboxylic acid, 2-a...	129	C6H11NO2	037910-65-9	38



Data Path : Z:\HPCHEM1\BNA G\DATA\BG100515\
Data File : BG019038.D
Acq On : 5 Oct 2015 22:07
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Sample : G3900-06
Misc :
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Instrument :
BNA_G
ClientSampleId :
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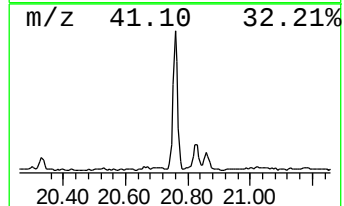
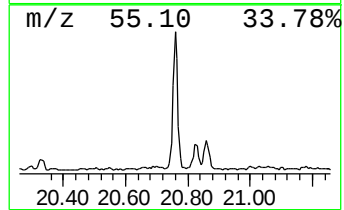
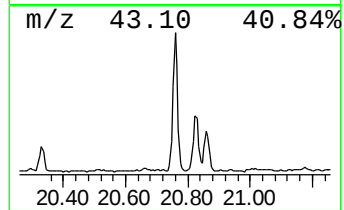
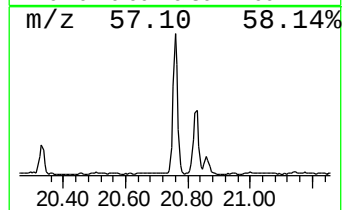
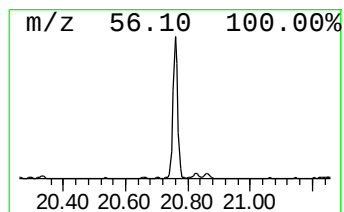
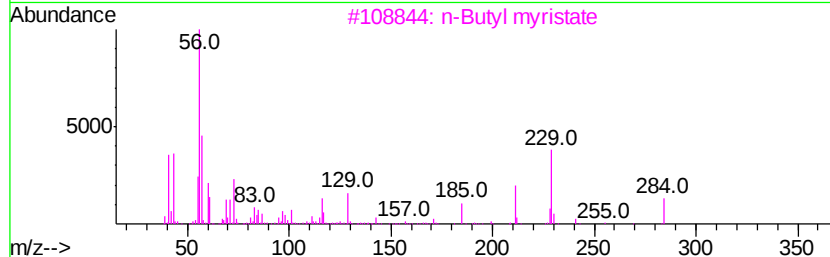
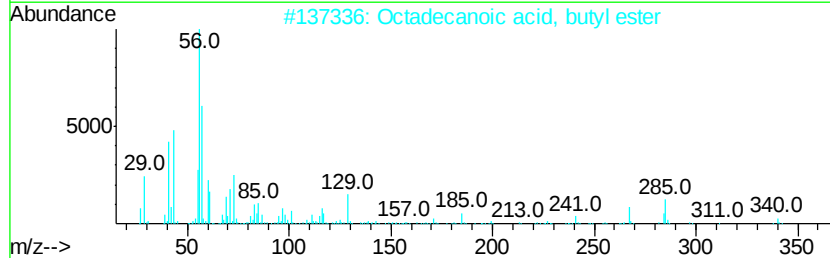
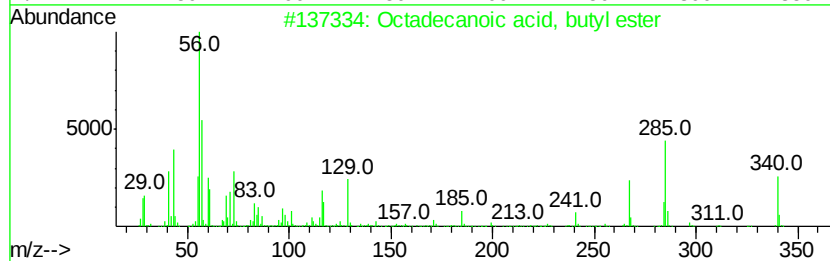
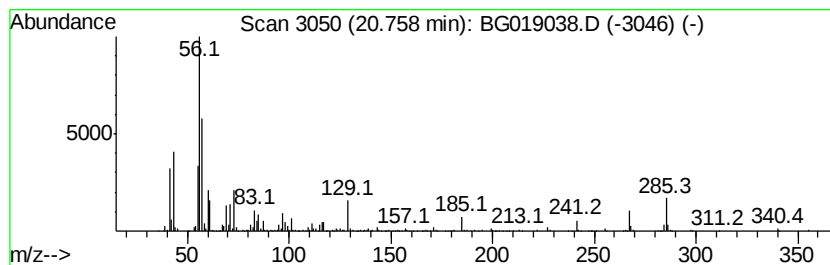
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Octadecanoic acid, butyl ester Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.76	15.55 ng/ul	575454	Chrysene-d12	21.68

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	90
3		n-Butyl myristate	284	C18H36O2	000110-36-1	80
4		Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	58
5		Cyclopentanecarboxylic acid, 2-a...	129	C6H11NO2	040482-05-1	38



Data Path : Z:\HPCHEM1\BNA G\DATA\BG100515\
Data File : BG019038.D
Acq On : 5 Oct 2015 22:07
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Sample : G3900-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

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ClientSampleId :
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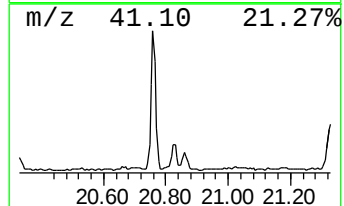
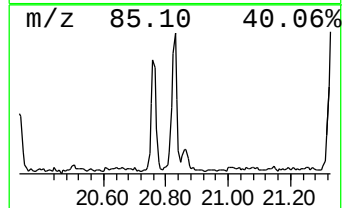
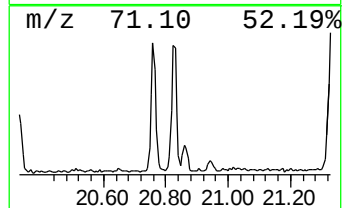
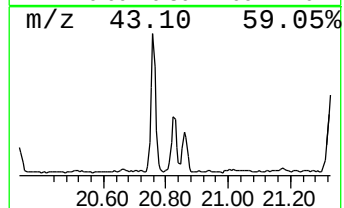
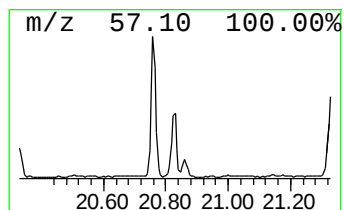
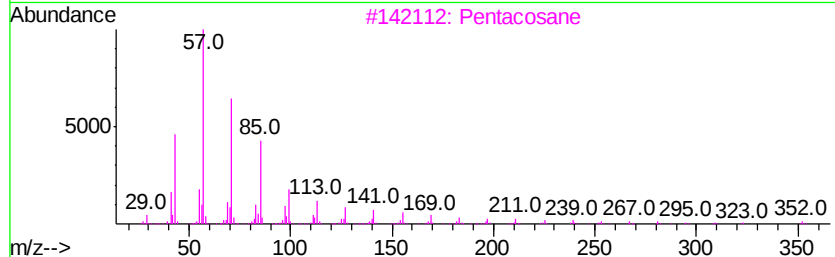
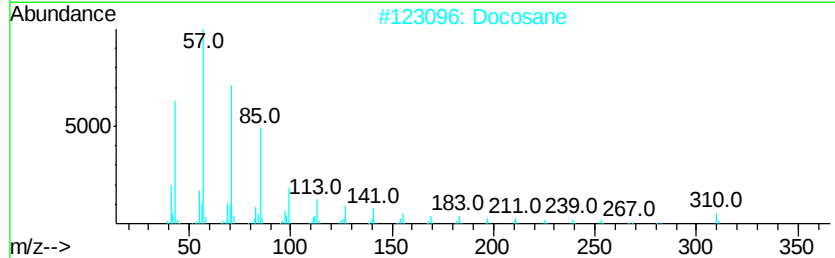
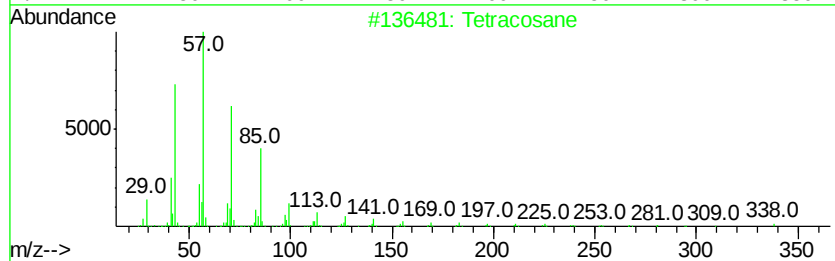
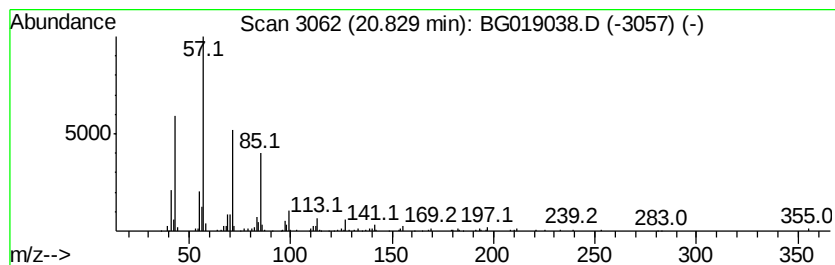
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.83	3.51 ng/ul	129778	Chrysene-d12	21.68

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetracosane	338	C24H50	000646-31-1	91
2			Docosane	310	C22H46	000629-97-0	90
3			Pentacosane	352	C25H52	000629-99-2	90
4			Heneicosane	296	C21H44	000629-94-7	87
5			Hexadecane	226	C16H34	000544-76-3	86



Data Path : Z:\HPCHEM1\BNA G\DATA\BG100515\
Data File : BG019038.D
Acq On : 5 Oct 2015 22:07
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Sample : G3900-06
Misc :
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Instrument :
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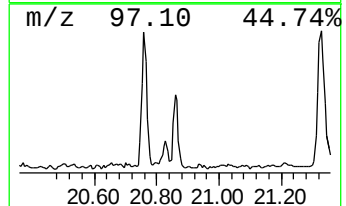
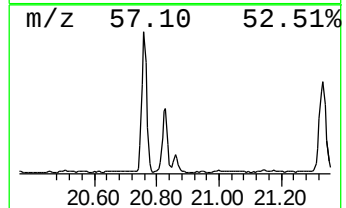
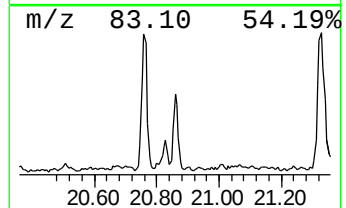
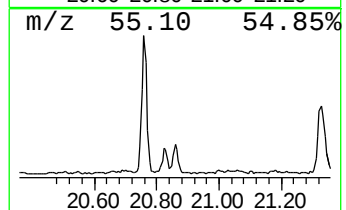
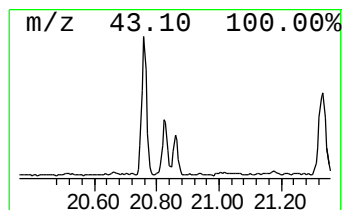
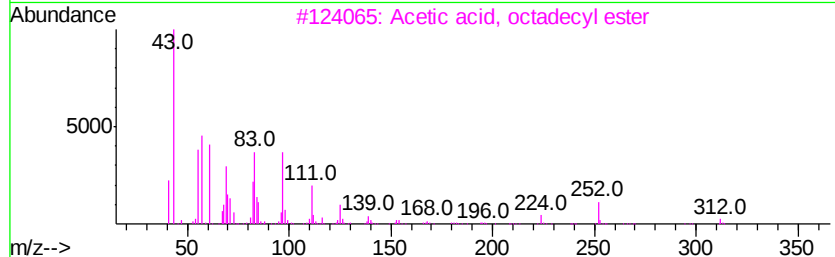
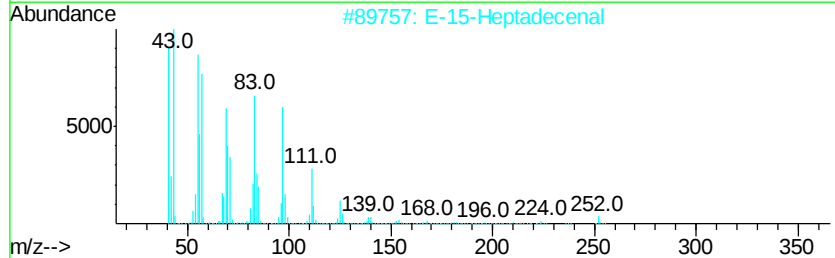
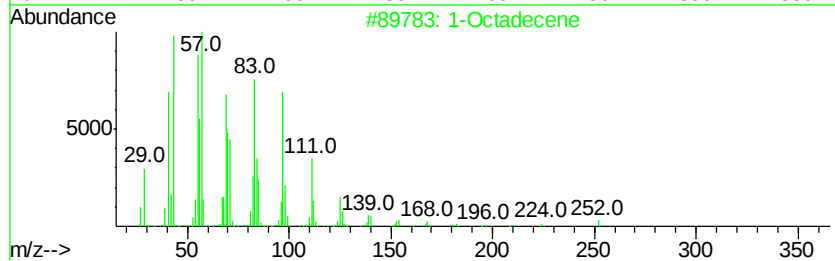
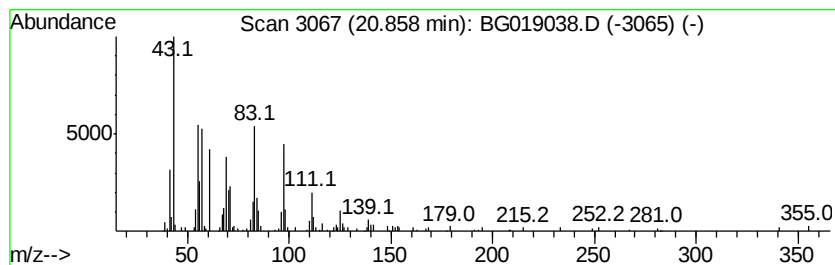
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 (DEL) Alkane: Cyclic20.86 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.86	2.24 ng/ul	82924	Chrysene-d12	21.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Octadecene	252	C18H36	000112-88-9	98
2		E-15-Heptadecenal	252	C17H32O	1000130-97-9	93
3		Acetic acid, octadecyl ester	312	C20H40O2	000822-23-1	91
4		10-Heneicosene (c,t)	294	C21H42	095008-11-0	90
5		Acetic acid, octadecyl ester	312	C20H40O2	000822-23-1	90



Data Path : Z:\HPCHEM1\BNA G\DATA\BG100515\
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Acq On : 5 Oct 2015 22:07
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Sample : G3900-06
Misc :
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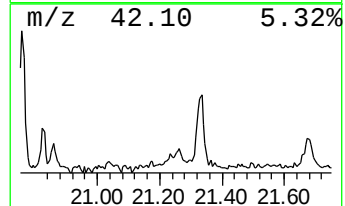
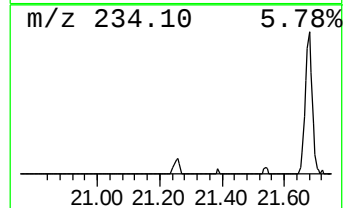
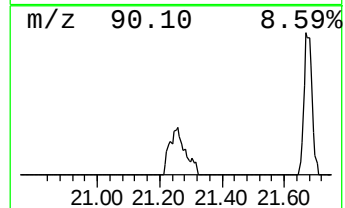
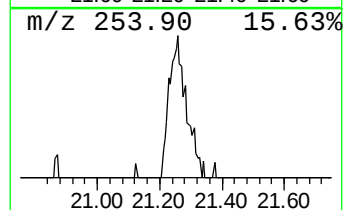
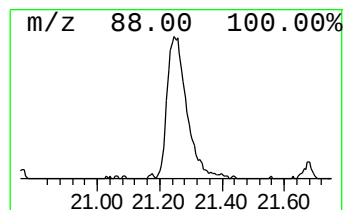
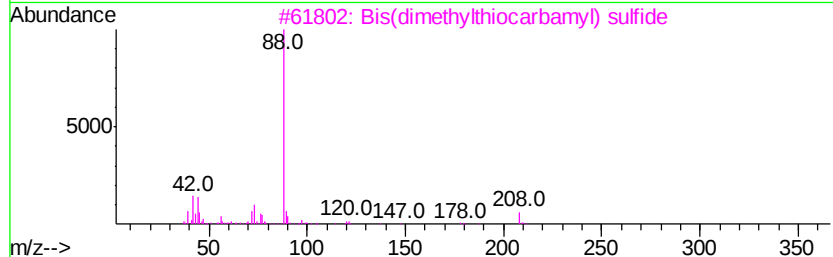
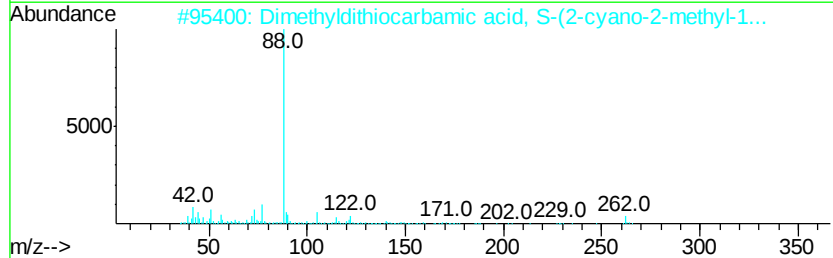
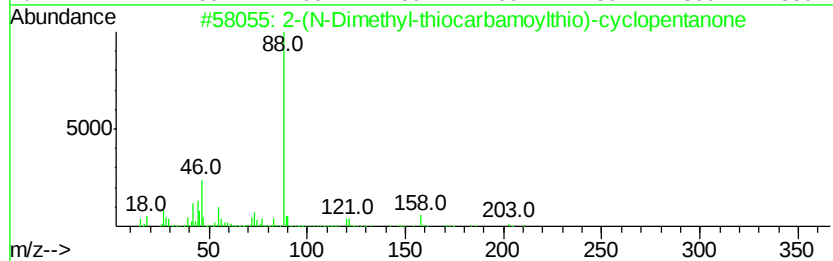
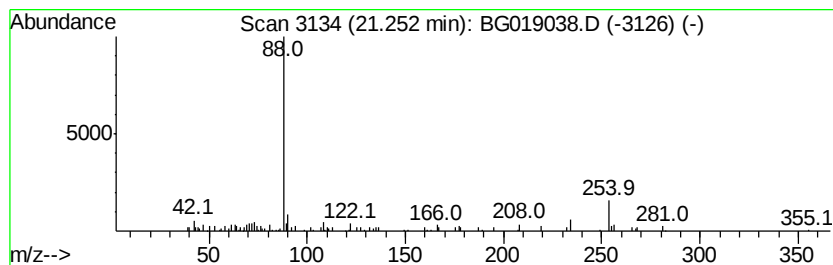
Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 2-(N-Dimethyl-thiocarbamoyl... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.25	2.54 ng/ul	93846	Chrysene-d12	21.68
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		2-(N-Dimethyl-thiocarbamoylthio)...	203 C8H13NOS2	023839-30-7 53
2		Dimethyldithiocarbamic acid, S-(...	262 C13H14N2S2	1000210-07-1 45
3		Bis(dimethylthiocarbamyl) sulfide	208 C6H12N2S3	000097-74-5 42
4		Tetramethylthiuram disulfide	240 C6H12N2S4	000137-26-8 38
5		Dithiocarbamic acid, N,N-dimethy...	204 C8H16N2S2	066232-66-4 36



Data Path : Z:\HPCHEM1\BNA G\DATA\BG100515\
Data File : BG019038.D
Acq On : 5 Oct 2015 22:07
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Misc :
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ClientSampleId :
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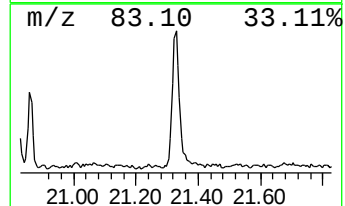
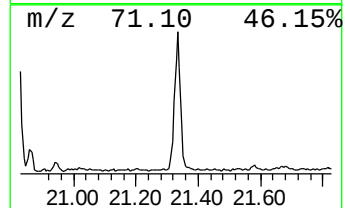
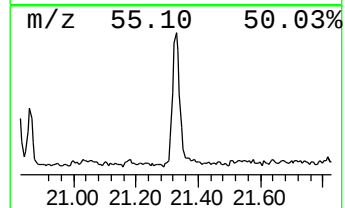
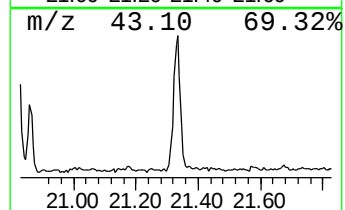
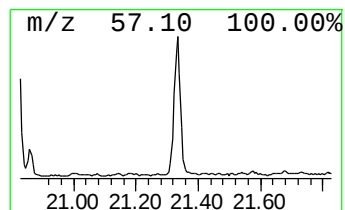
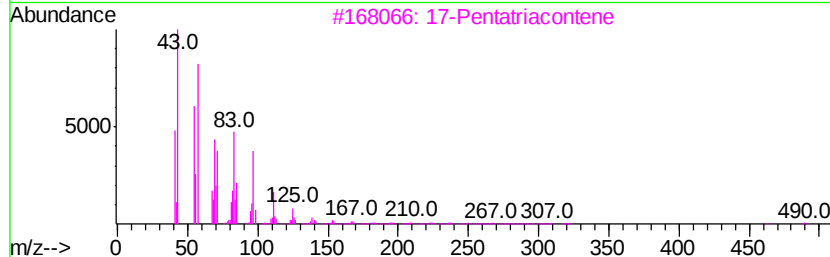
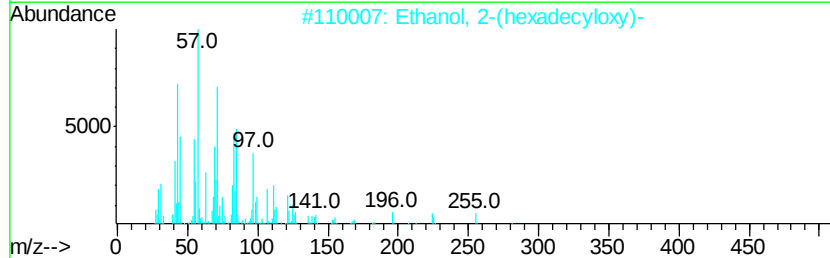
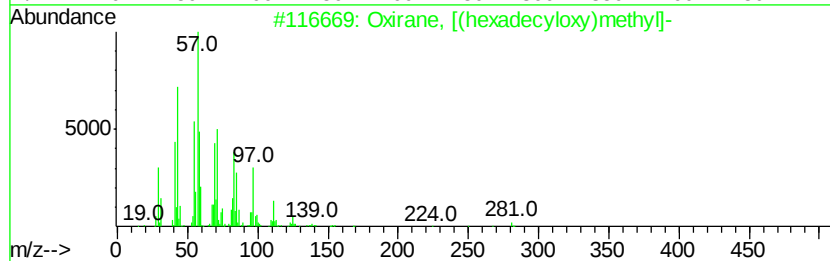
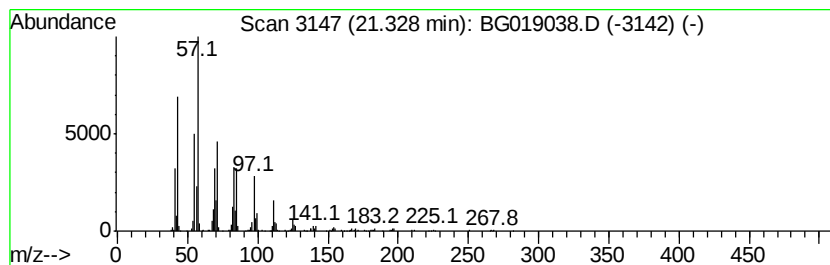
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 Oxirane, [(hexadecyloxy)met... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.33	8.52 ng/ul	315212	Chrysene-d12	21.68

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxirane, [(hexadecyloxy)methyl]-	298	C19H38O2	015965-99-8	80
2			Ethanol, 2-(hexadecyloxy)-	286	C18H38O2	002136-71-2	72
3			17-Pentatriacontene	491	C35H70	006971-40-0	62
4			Oxirane, [(dodecyloxy)methyl]-	242	C15H30O2	002461-18-9	58
5			Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	58



Data Path : Z:\HPCHEM1\BNA G\DATA\BG100515\
Data File : BG019038.D
Acq On : 5 Oct 2015 22:07
Operator : UM/NP
Sample : G3900-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

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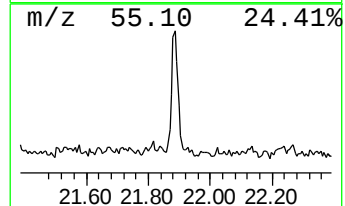
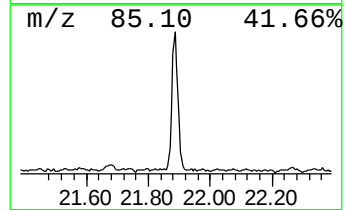
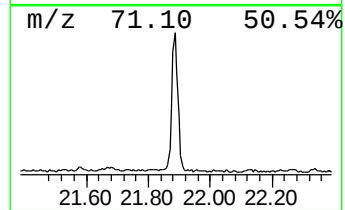
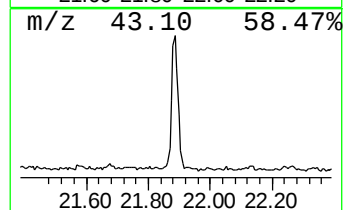
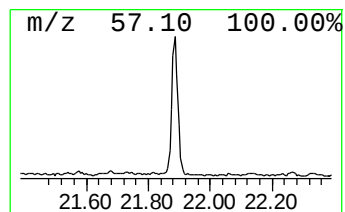
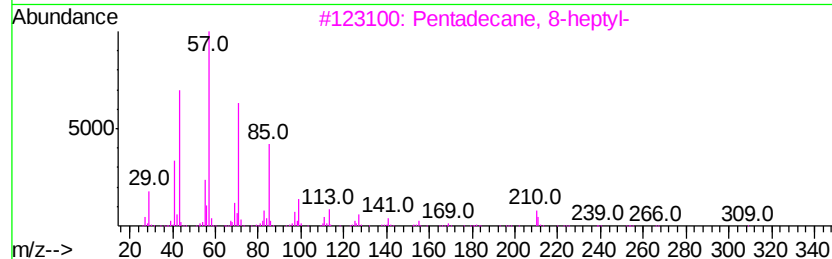
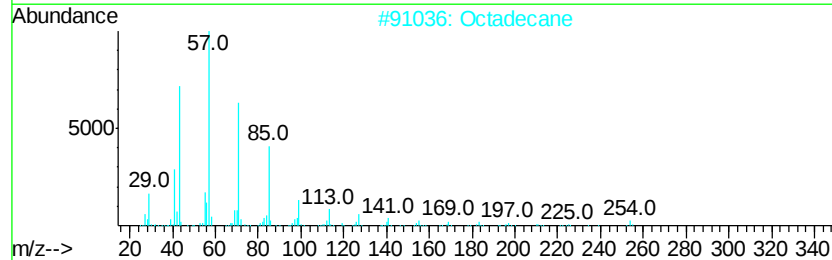
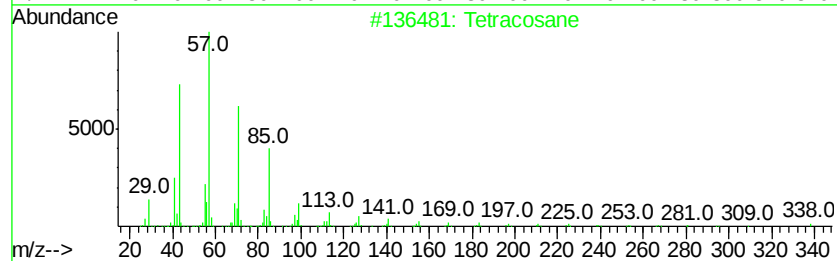
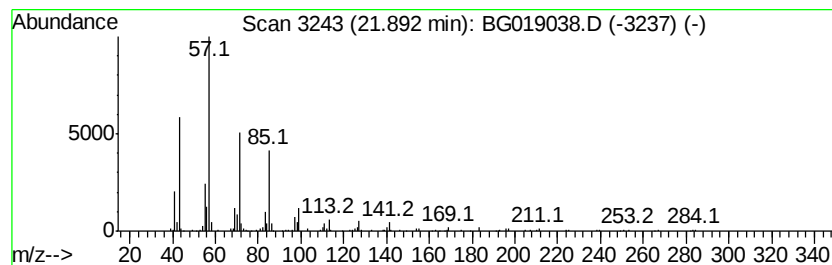
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.89	5.52 ng/ul	204293	Chrysene-d12	21.68

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetracosane	338	C24H50	000646-31-1	91
2			Octadecane	254	C18H38	000593-45-3	91
3			Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
4			Heptadecane	240	C17H36	000629-78-7	91
5			Heneicosane	296	C21H44	000629-94-7	90



Data Path : Z:\HPCHEM1\BNA G\DATA\BG100515\
Data File : BG019038.D
Acq On : 5 Oct 2015 22:07
Operator : UM/NP
Sample : G3900-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AA5

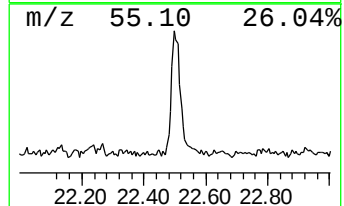
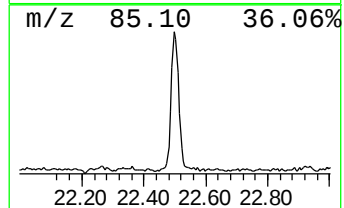
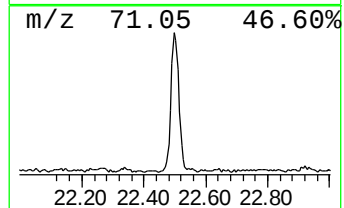
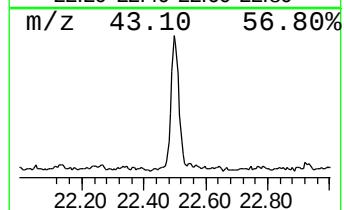
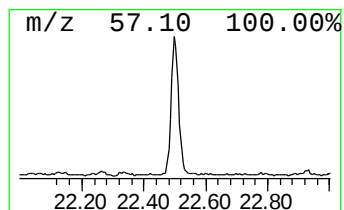
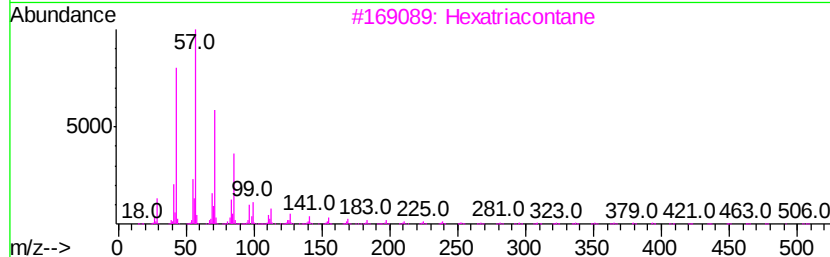
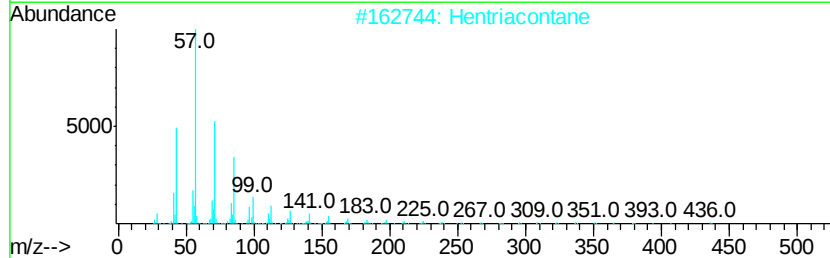
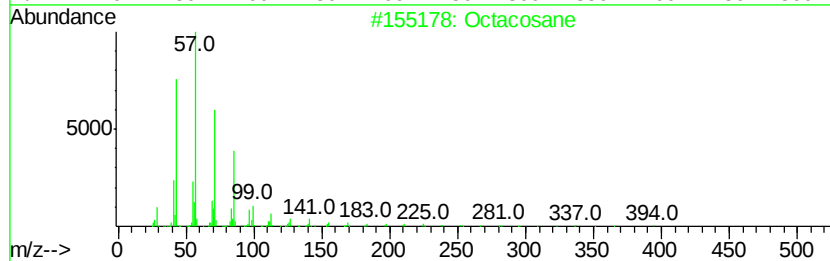
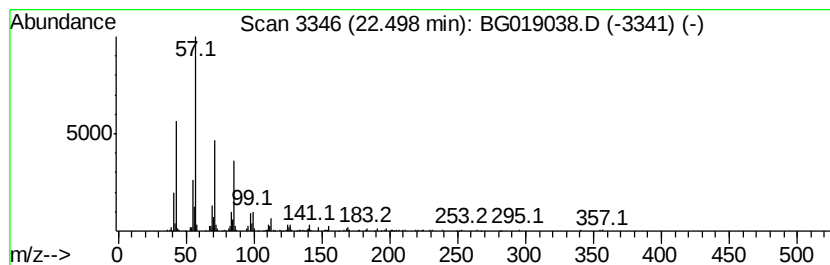
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Quant Title : SVOA CALIBRATION

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.
22.50	6.40 ng/ul	236926	Chrysene-d12	21.68

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octacosane	394	C28H58	000630-02-4	91
2			Hentriacontane	437	C31H64	000630-04-6	91
3			Hexatriacontane	507	C36H74	000630-06-8	91
4			Tetratetracontane	619	C44H90	007098-22-8	90
5			Eicosane	282	C20H42	000112-95-8	86



Data Path : Z:\HPCHEM1\BNA G\DATA\BG100515\
Data File : BG019038.D
Acq On : 5 Oct 2015 22:07
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Sample : G3900-06
Misc :
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Instrument :
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ClientSampleId :
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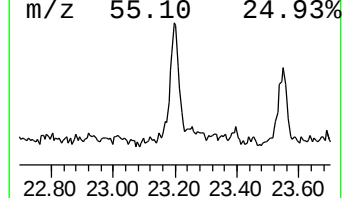
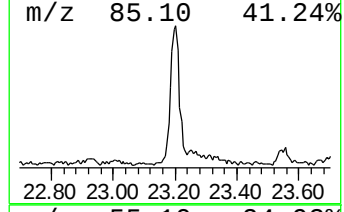
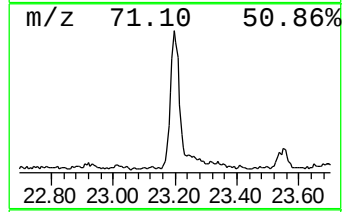
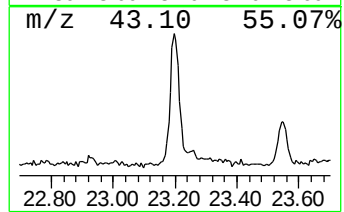
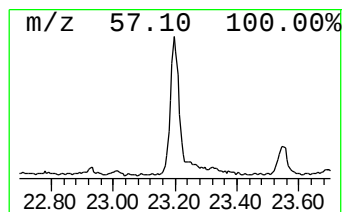
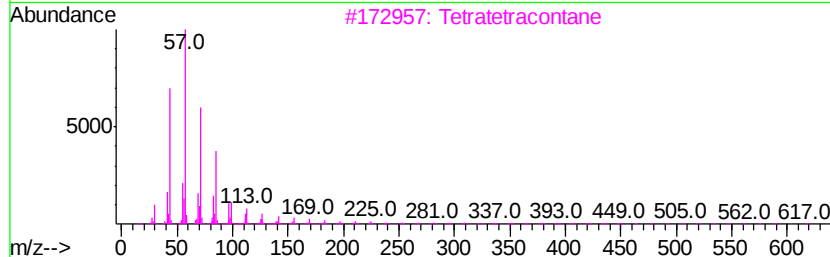
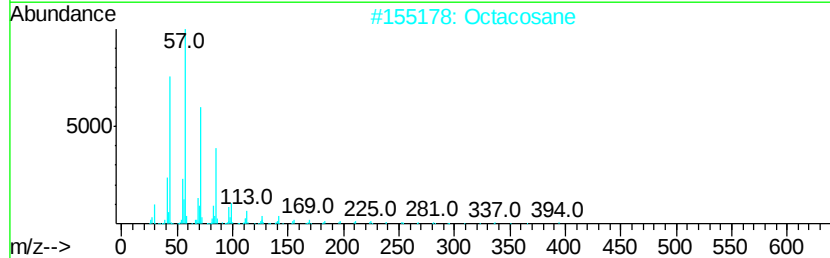
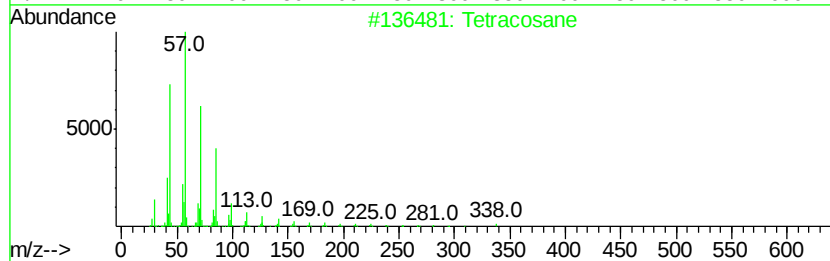
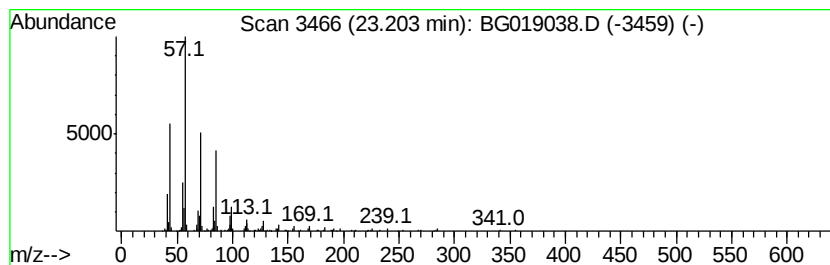
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.20	5.33 ng/ul	197228	Chrysene-d12	21.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	90
2		Octacosane	394	C28H58	000630-02-4	90
3		Tetratetracontane	619	C44H90	007098-22-8	90
4		Nonacosane	408	C29H60	000630-03-5	90
5		Heptacosane	380	C27H56	000593-49-7	90



Data Path : Z:\HPCHEM1\BNA G\DATA\BG100515\
Data File : BG019038.D
Acq On : 5 Oct 2015 22:07
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Sample : G3900-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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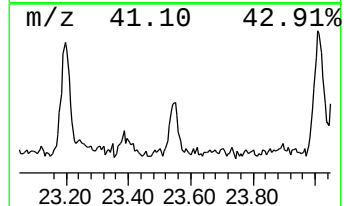
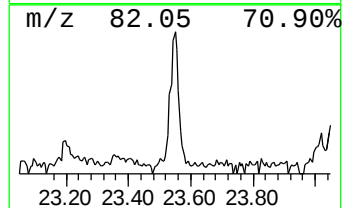
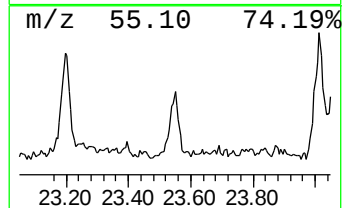
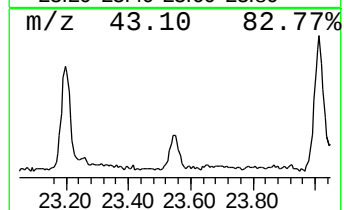
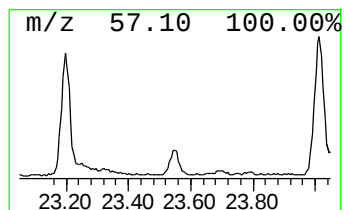
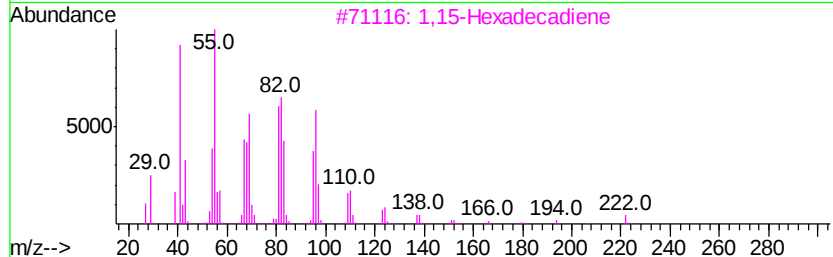
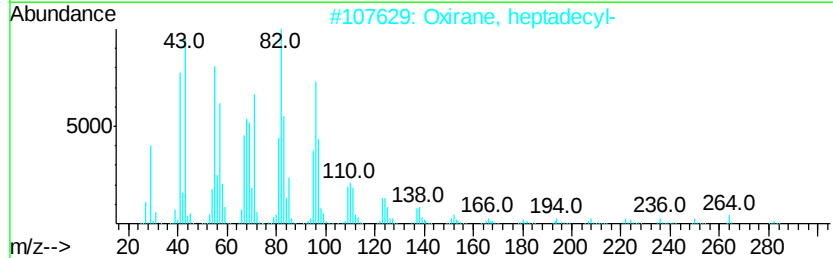
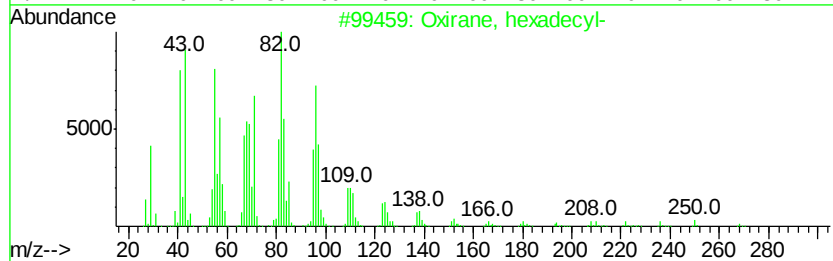
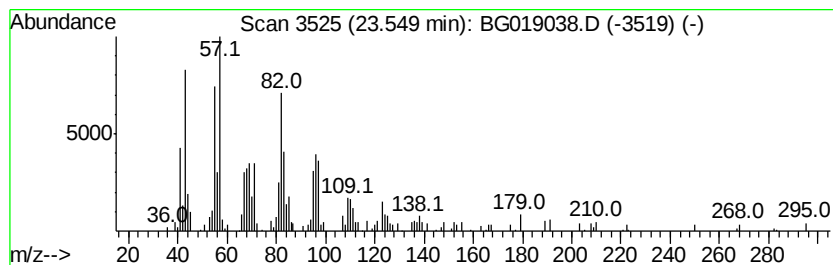
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 Oxirane, hexadecyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.55	2.60 ng/ul	93582	Perylene-d12	24.90

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxirane, hexadecyl-	268	C18H36O	007390-81-0	94
2			Oxirane, heptadecyl-	282	C19H38O	067860-04-2	91
3			1,15-Hexadecadiene	222	C16H30	021964-51-2	90
4			Octadecanal	268	C18H36O	000638-66-4	87
5			Hexadecanal	240	C16H32O	000629-80-1	87



Data Path : Z:\HPCHEM1\BNA G\DATA\BG100515\
Data File : BG019038.D
Acq On : 5 Oct 2015 22:07
Operator : UM/NP
Sample : G3900-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

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ClientSampleId :
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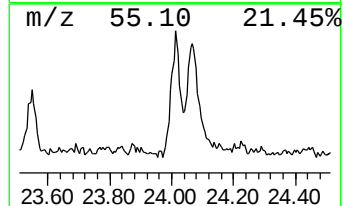
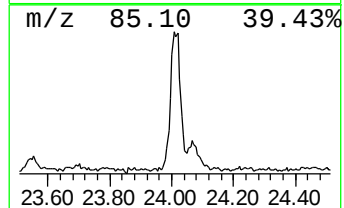
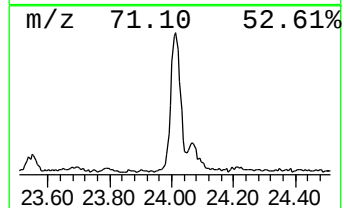
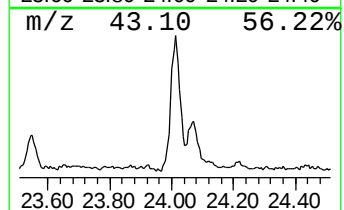
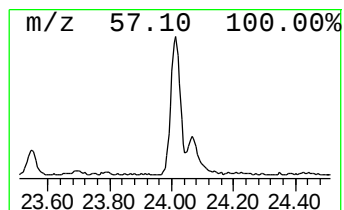
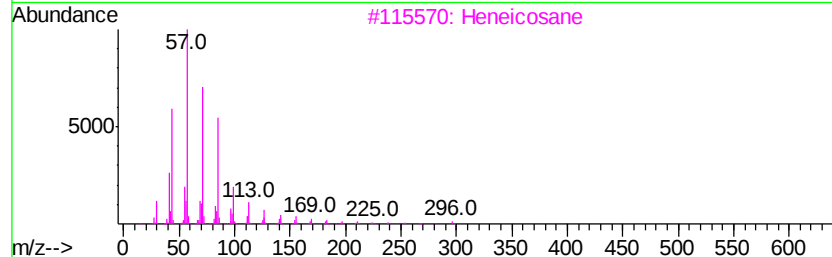
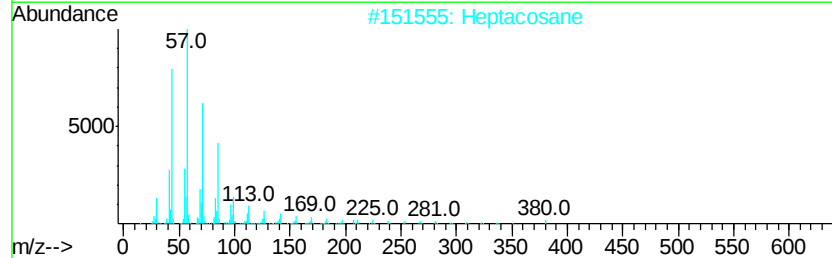
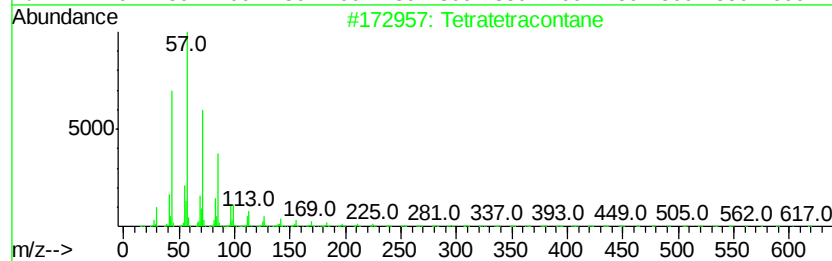
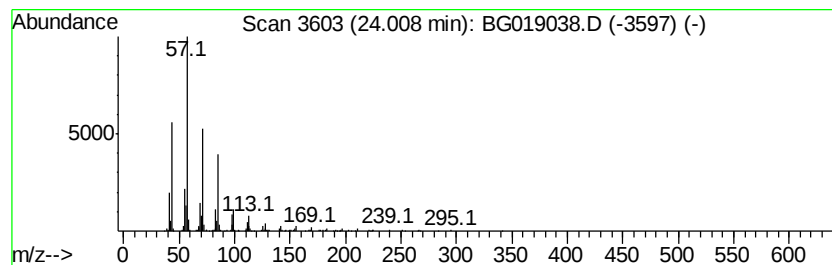
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.01	7.24 ng/ul	260933	Perylene-d12	24.90

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetratetracontane	619	C44H90	007098-22-8	91
2			Heptacosane	380	C27H56	000593-49-7	91
3			Heneicosane	296	C21H44	000629-94-7	90
4			Tetracosane	338	C24H50	000646-31-1	90
5			Hentriacontane	437	C31H64	000630-04-6	90



Data Path : Z:\HPCHEM1\BNA G\DATA\BG100515\
Data File : BG019038.D
Acq On : 5 Oct 2015 22:07
Operator : UM/NP
Sample : G3900-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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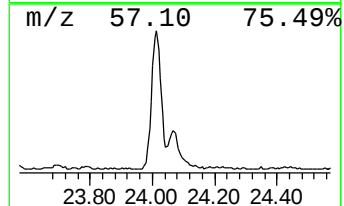
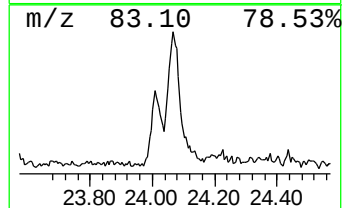
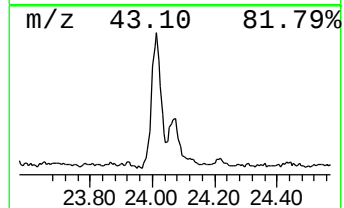
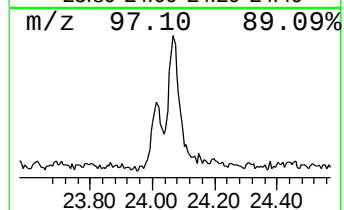
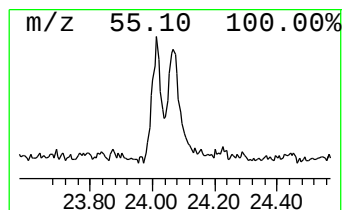
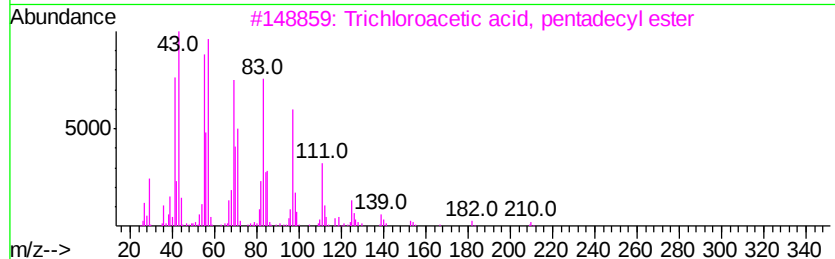
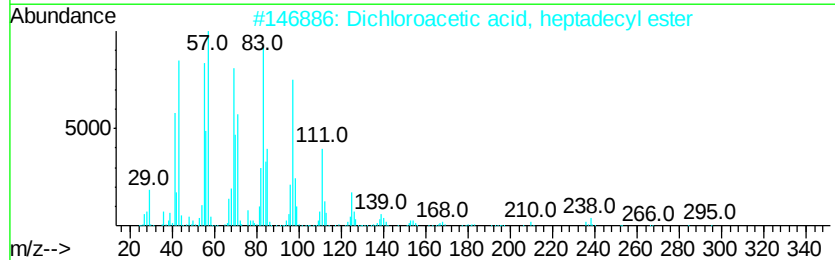
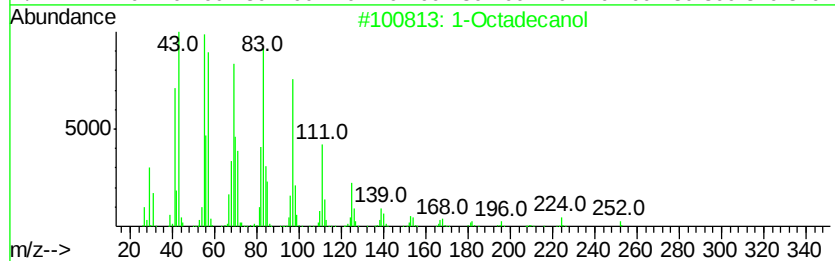
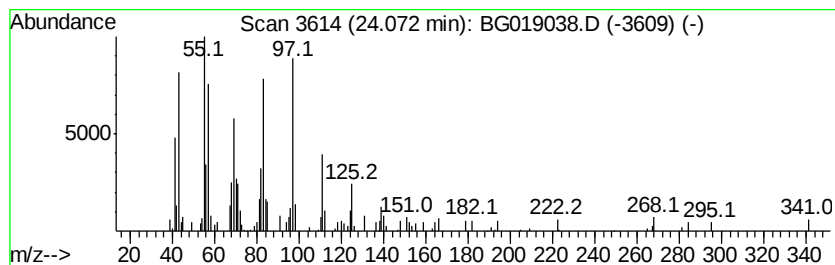
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 1-Octadecanol Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.07	3.99 ng/ul	143970	Perylene-d12	24.90

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Octadecanol	270	C18H38O	000112-92-5	86
2			Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	80
3			Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	72
4			Pentadec-7-ene, 7-bromomethyl-	302	C16H31Br	1000259-58-5	72
5			Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	72



Data Path : Z:\HPCHEM1\BNA G\DATA\BG100515\
Data File : BG019038.D
Acq On : 5 Oct 2015 22:07
Operator : UM/NP
Sample : G3900-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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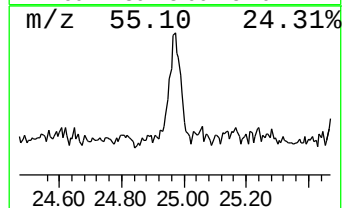
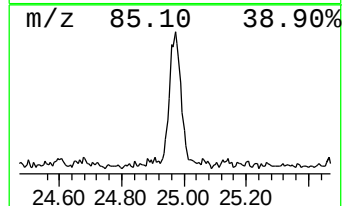
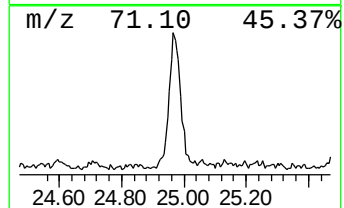
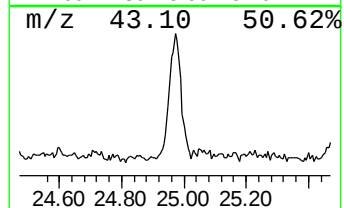
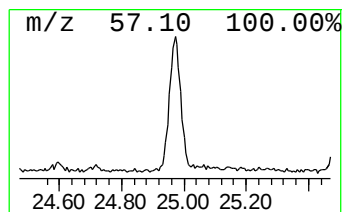
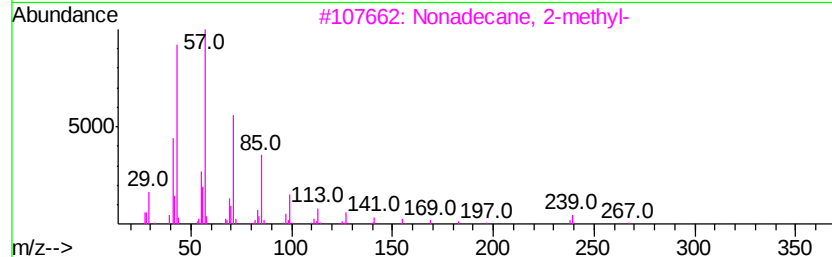
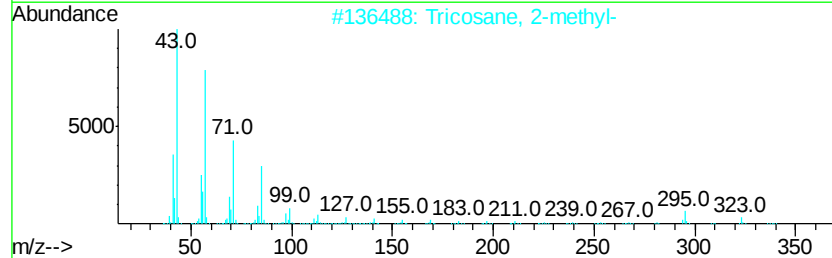
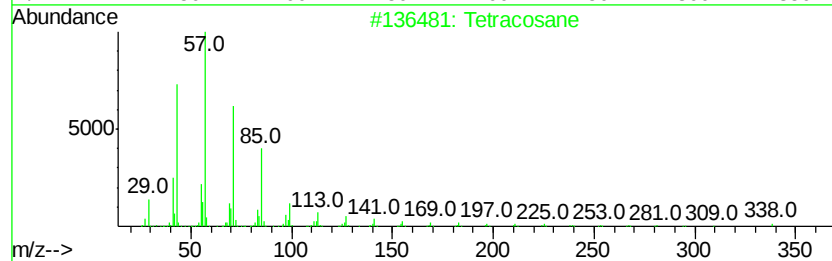
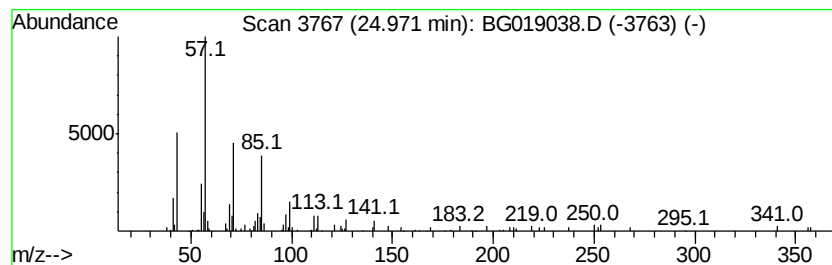
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.97	3.66 ng/ul	132065	Perylene-d12	24.90

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetracosane	338	C24H50	000646-31-1	83
2			Tricosane, 2-methyl-	338	C24H50	001928-30-9	80
3			Nonadecane, 2-methyl-	282	C20H42	001560-86-7	80
4			Octacosane	394	C28H58	000630-02-4	80
5			Eicosane, 2-methyl-	296	C21H44	001560-84-5	72



Data Path : Z:\HPCHEM1\BNA G\DATA\BG100515\
Data File : BG019038.D
Acq On : 5 Oct 2015 22:07
Operator : UM/NP
Sample : G3900-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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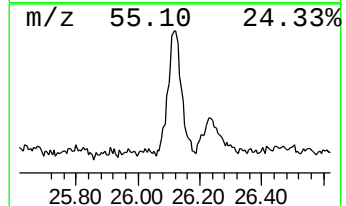
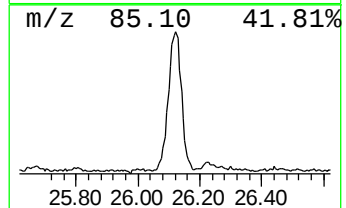
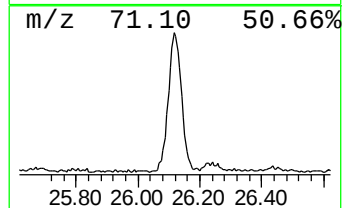
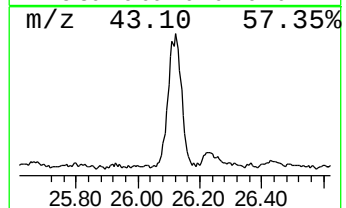
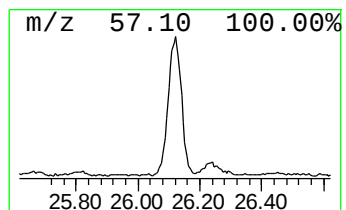
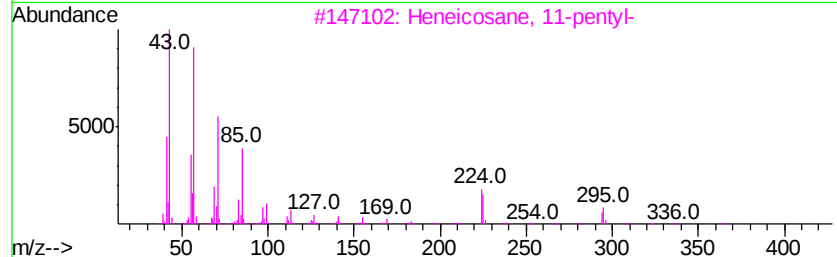
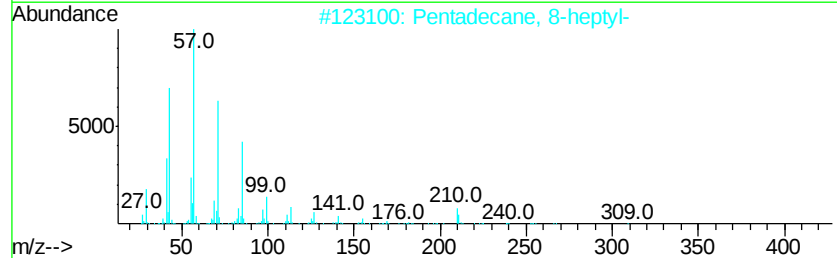
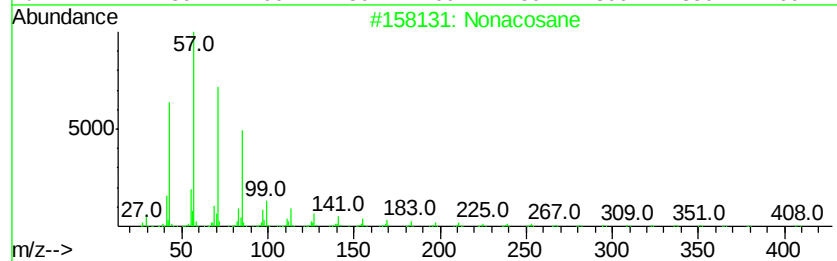
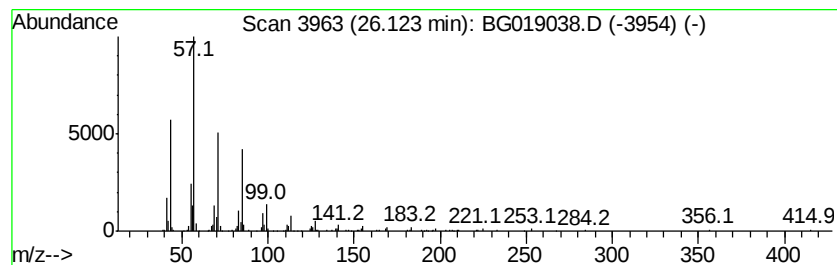
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.12	9.25 ng/ul	333638	Perylene-d12	24.90

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonacosane	408	C29H60	000630-03-5	91
2			Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
3			Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	90
4			Heneicosane	296	C21H44	000629-94-7	87
5			Docosane	310	C22H46	000629-97-0	83



Data Path : Z:\HPCHEM1\BNA G\DATA\BG100515\
Data File : BG019038.D
Acq On : 5 Oct 2015 22:07
Operator : UM/NP
Sample : G3900-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AA5

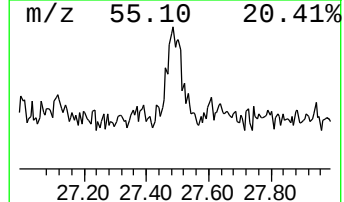
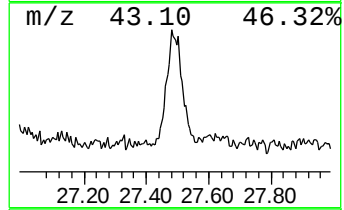
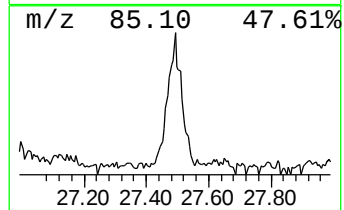
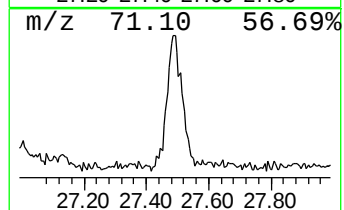
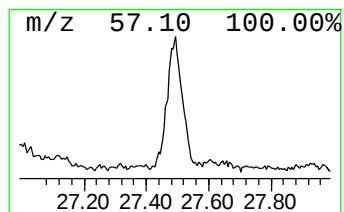
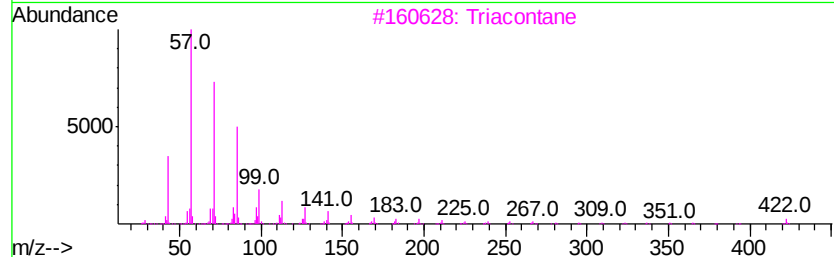
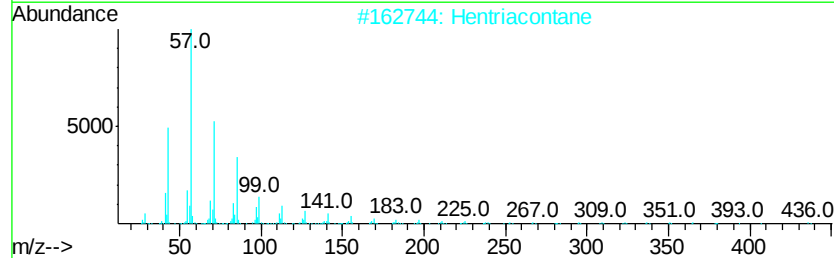
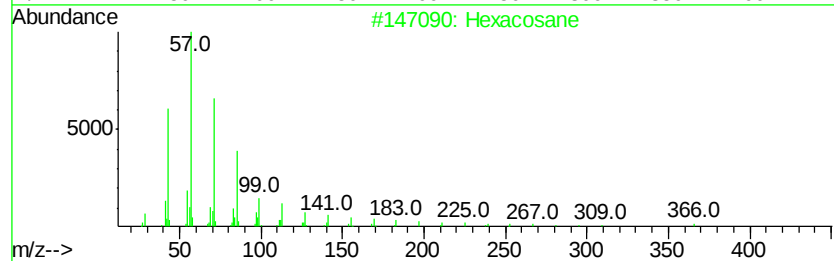
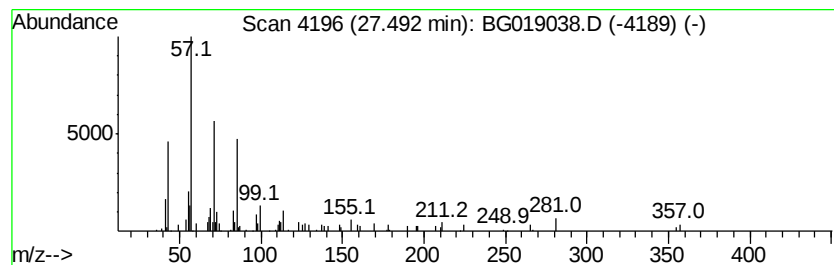
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.49	2.64 ng/ul	95107	Perylene-d12	24.90

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexacosane	366	C26H54	000630-01-3	74
2			Hentriacontane	437	C31H64	000630-04-6	72
3			Triacontane	422	C30H62	000638-68-6	72
4			Eicosane, 10-methyl-	296	C21H44	054833-23-7	72
5			Nonadecane	268	C19H40	000629-92-5	72



Data Path : Z:\HPCHEM1\BNA G\DATA\BG100515\
Data File : BG019038.D
Acq On : 5 Oct 2015 22:07
Operator : UM/NP
Sample : G3900-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AA5

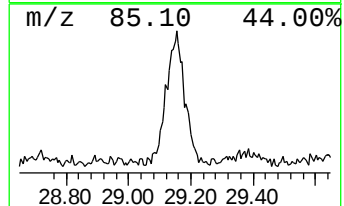
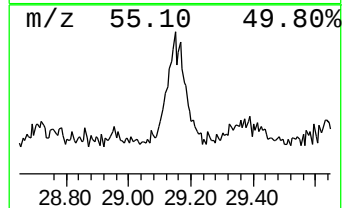
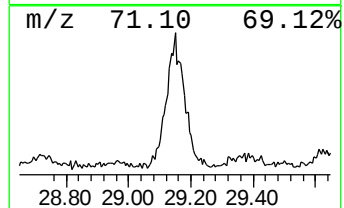
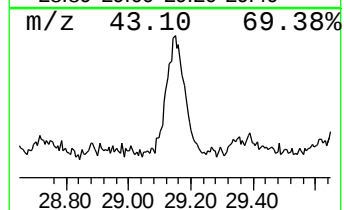
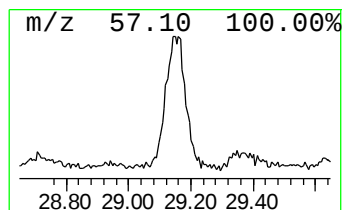
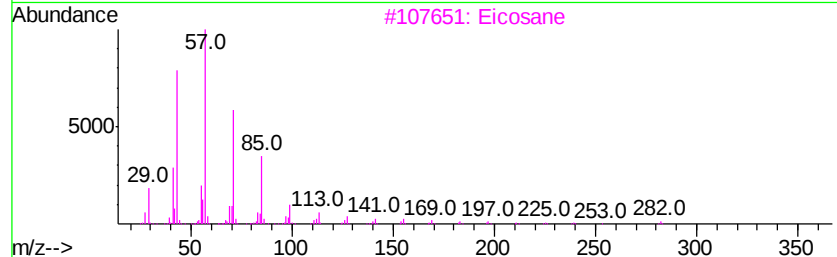
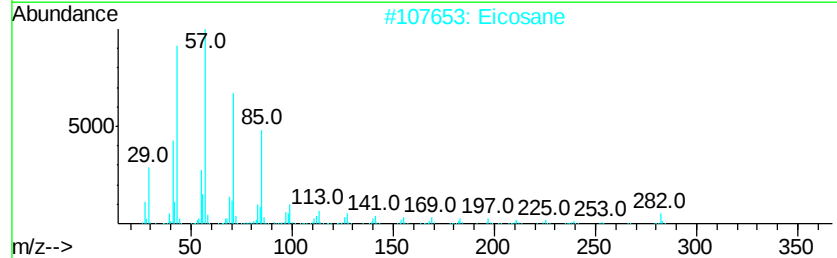
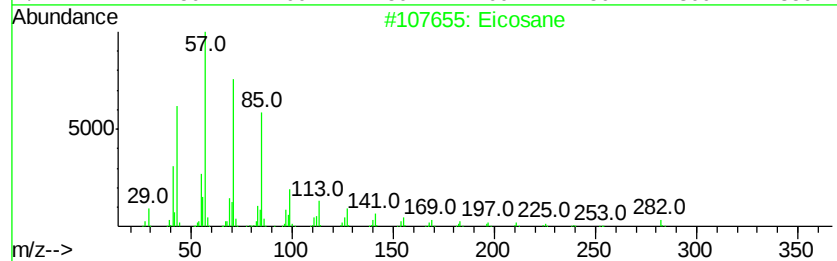
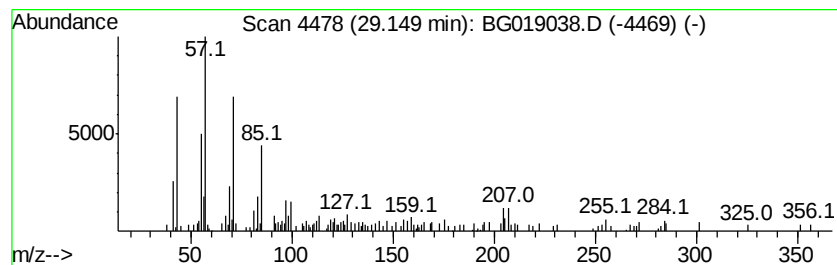
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Quant Title : SVOA CALIBRATION

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

Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.15	2.72 ng/ul	97969	Perylene-d12	24.90

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane			282	C20H42	000112-95-8	78
2	Eicosane			282	C20H42	000112-95-8	60
3	Eicosane			282	C20H42	000112-95-8	60
4	Docosane, 11-butyl-			366	C26H54	013475-76-8	52
5	Heptadecane, 2,6,10,15-tetramethyl-			296	C21H44	054833-48-6	49



Data Path : Z:\HPCHEM1\BNA G\DATA\BG100515\
Data File : BG019038.D
Acq On : 5 Oct 2015 22:07
Operator : UM/NP
Sample : G3900-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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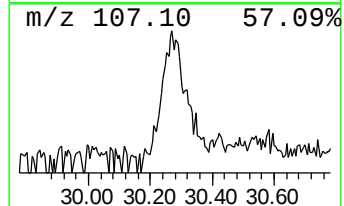
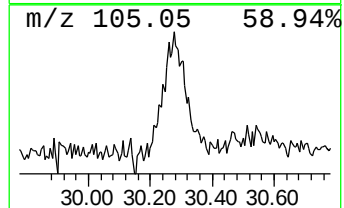
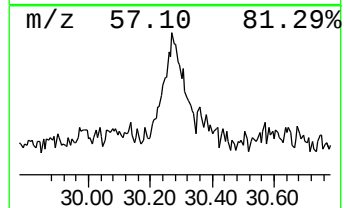
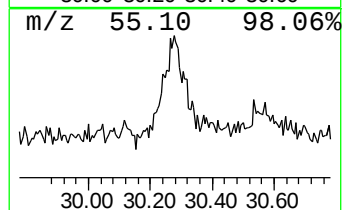
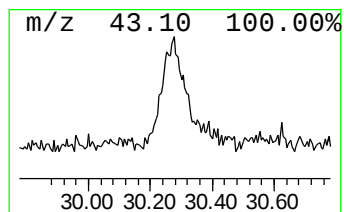
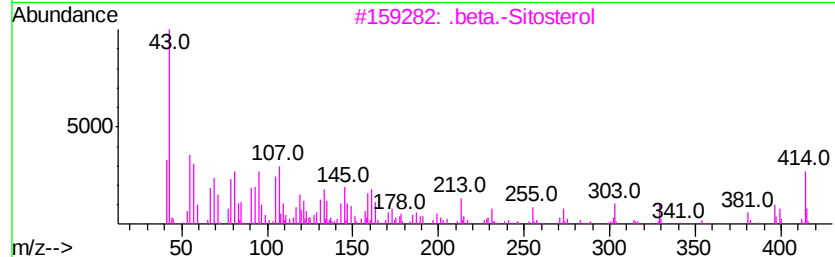
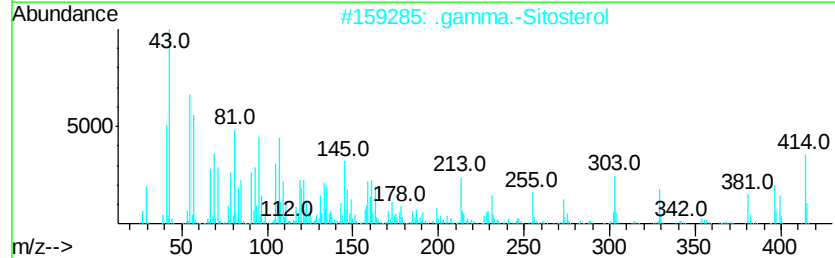
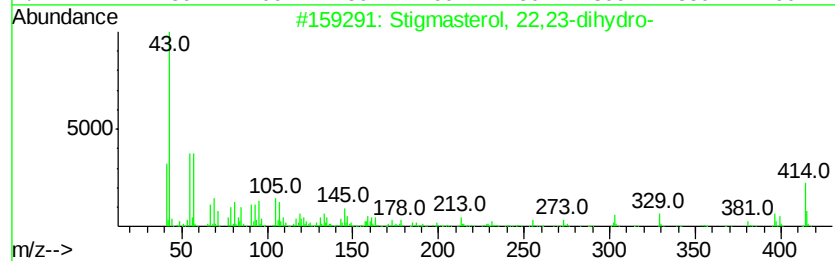
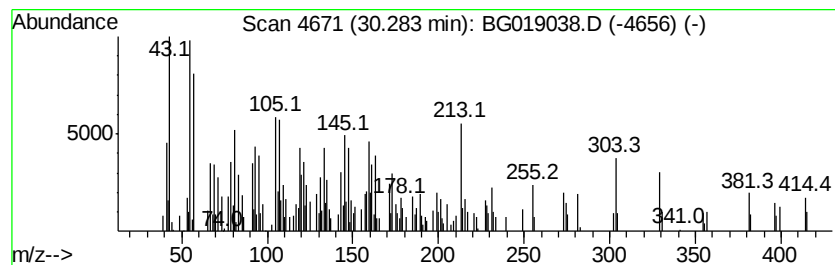
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Quant Title : SVOA CALIBRATION

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

Peak Number 21 Stigmasterol, 22,23-dihydro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.28	8.65 ng/ul	311893	Perylene-d12	24.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Stigmasterol, 22,23-dihydro-	414	C29H50O	1000214-20-7	99
2		.gamma.-Sitosterol	414	C29H50O	000083-47-6	89
3		.beta.-Sitosterol	414	C29H50O	000083-46-5	64
4		.beta.-Sitosterol	414	C29H50O	000083-46-5	47
5		Cholest-5-ene, 3-ethoxy-, (3.bet...	414	C29H50O	000986-19-6	41



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG100515\
 Data File : BG019038.D
 Acq On : 5 Oct 2015 22:07
 Operator : UM/NP
 Sample : G3900-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
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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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	3.24	10.6	ng/ul	113453	1	8.05	213261	20.0
n-Hexadecanoic acid	18.30	3.1	ng/ul	96911	4	17.42	633451	20.0
2-Mercaptobenzoth...	18.63	2.8	ng/ul	87324	4	17.42	633451	20.0
Hexadecanoic acid...	19.72	18.1	ng/ul	671361	5	21.68	740340	20.0
Octadecanoic acid...	20.76	15.6	ng/ul	575454	5	21.68	740340	20.0
(DEL) Alkane: Str...	20.83	3.5	ng/ul	129778	5	21.68	740340	20.0
(DEL) Alkane: Cyc...	20.86	2.2	ng/ul	82924	5	21.68	740340	20.0
2-(N-Dimethyl-thi...	21.25	2.5	ng/ul	93846	5	21.68	740340	20.0
Oxirane, [(hexade...	21.33	8.5	ng/ul	315212	5	21.68	740340	20.0
(DEL) Alkane: Str...	21.89	5.5	ng/ul	204293	5	21.68	740340	20.0
(DEL) Alkane: Str...	22.50	6.4	ng/ul	236926	5	21.68	740340	20.0
(DEL) Alkane: Str...	23.20	5.3	ng/ul	197228	5	21.68	740340	20.0
Oxirane, hexadecyl-	23.55	2.6	ng/ul	93582	6	24.90	721003	20.0
(DEL) Alkane: Str...	24.01	7.2	ng/ul	260933	6	24.90	721003	20.0
1-Octadecanol	24.07	4.0	ng/ul	143970	6	24.90	721003	20.0
(DEL) Alkane: Str...	24.97	3.7	ng/ul	132065	6	24.90	721003	20.0
(DEL) Alkane: Str...	26.12	9.3	ng/ul	333638	6	24.90	721003	20.0
(DEL) Alkane: Str...	27.49	2.6	ng/ul	95107	6	24.90	721003	20.0
(DEL) Alkane: Str...	29.15	2.7	ng/ul	97969	6	24.90	721003	20.0
Stigmasterol, 22,...	30.28	8.7	ng/ul	311893	6	24.90	721003	20.0