

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102315\
 Data File : BG019327.D
 Acq On : 24 Oct 2015 9:11
 Operator : UM/NP
 Sample : G4075-08
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JG9K8

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-BG102315.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	2.970	20	22	24	rBV3	2461	2721	0.20%	0.016%
2	3.141	50	51	57	rVB2	1920	2701	0.20%	0.016%
3	3.211	57	63	72	rVV2	30411	65990	4.95%	0.387%
4	3.288	72	76	85	rVV	97811	141775	10.64%	0.831%
5	3.476	105	108	111	rBV	1756	2378	0.18%	0.014%
6	3.564	120	123	128	rVB3	6719	8512	0.64%	0.050%
7	3.852	169	172	175	rBV	2853	2606	0.20%	0.015%
8	4.157	220	224	225	rBV	1822	2032	0.15%	0.012%
9	4.322	249	252	254	rBV	1432	2025	0.15%	0.012%
10	4.574	291	295	297	rVB3	3245	4058	0.30%	0.024%
11	4.668	306	311	313	rBV2	1476	2398	0.18%	0.014%
12	4.986	363	365	371	rVB4	1400	2162	0.16%	0.013%
13	5.297	414	418	421	rVB	2714	3654	0.27%	0.021%
14	5.738	490	493	497	rBV	1286	2475	0.19%	0.015%
15	5.802	500	504	507	rVB	2161	2692	0.20%	0.016%
16	7.171	733	737	741	rBV3	3550	4577	0.34%	0.027%
17	7.371	763	771	779	rBV	153601	263400	19.77%	1.544%
18	7.553	795	802	811	rBV	105400	173520	13.03%	1.017%
19	7.759	831	837	845	rVB2	139826	240505	18.06%	1.410%
20	8.235	911	918	925	rBV	183530	322125	24.18%	1.888%
21	8.928	1029	1036	1042	rBV	201033	332055	24.93%	1.946%
22	9.404	1110	1117	1125	rVB	147721	261676	19.65%	1.534%
23	9.480	1128	1130	1134	rVB4	5994	7317	0.55%	0.043%
24	9.716	1167	1170	1174	rBV	1220	2038	0.15%	0.012%
25	9.792	1181	1183	1185	rBV2	1690	2197	0.16%	0.013%
26	9.821	1185	1188	1192	rVB2	2617	3301	0.25%	0.019%
27	10.133	1234	1241	1248	rBV2	137194	241484	18.13%	1.415%
28	10.667	1325	1332	1341	rVB	206045	368796	27.69%	2.161%
29	11.067	1391	1400	1409	rBV	244609	453146	34.02%	2.656%
30	11.131	1409	1411	1414	rBV3	1723	2111	0.16%	0.012%
31	11.184	1414	1420	1428	rBV2	145967	275524	20.68%	1.615%
32	11.807	1521	1526	1533	rBV3	3441	4841	0.36%	0.028%
33	12.565	1650	1655	1659	rBV4	6135	9595	0.72%	0.056%
34	12.636	1663	1667	1671	rVB3	2431	3376	0.25%	0.020%

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35	12.847	1701	1703	1708	rVB2	1741	2320	0.17%	0.014%
36	13.223	1763	1767	1771	rBV3	7340	9940	0.75%	0.058%
37	13.464	1804	1808	1812	rBV3	9984	15532	1.17%	0.091%
38	13.740	1850	1855	1860	rBV3	5940	8556	0.64%	0.050%
39	14.251	1937	1942	1947	rBV	378296	559500	42.00%	3.279%
40	14.298	1947	1950	1958	rVB	104988	144439	10.84%	0.847%
41	14.480	1977	1981	1984	rBV4	3096	5065	0.38%	0.030%
42	14.557	1987	1994	2002	rVB	378743	609147	45.73%	3.570%
43	14.739	2020	2025	2031	rBV2	3075	5661	0.42%	0.033%
44	14.857	2038	2045	2053	rVB3	443298	706072	53.01%	4.138%
45	15.015	2064	2072	2079	rBV	204921	326899	24.54%	1.916%
46	15.139	2089	2093	2096	rBV2	1505	2200	0.17%	0.013%
47	15.180	2098	2100	2105	rVB	2441	3741	0.28%	0.022%
48	15.221	2105	2107	2108	rBV	2535	2001	0.15%	0.012%
49	15.238	2108	2110	2113	rVB3	5606	4984	0.37%	0.029%
50	15.638	2174	2178	2183	rBV3	10135	18857	1.42%	0.111%
51	15.679	2183	2185	2192	rVB3	13124	16243	1.22%	0.095%
52	15.738	2194	2195	2198	rBV3	2610	2205	0.17%	0.013%
53	15.844	2204	2213	2223	rBV	542492	818561	61.45%	4.797%
54	15.938	2223	2229	2236	rBV	203189	299353	22.47%	1.754%
55	16.079	2247	2253	2258	rBV4	9229	15114	1.13%	0.089%
56	16.184	2267	2271	2274	rBV3	3041	3299	0.25%	0.019%
57	16.237	2278	2280	2282	rVV2	3105	2570	0.19%	0.015%
58	16.302	2289	2291	2295	rVB4	2678	3659	0.27%	0.021%
59	16.349	2295	2299	2300	rBV3	2144	2421	0.18%	0.014%
60	16.372	2302	2303	2309	rVV4	3480	3555	0.27%	0.021%
61	16.472	2316	2320	2323	rVB3	3699	4241	0.32%	0.025%
62	16.543	2324	2332	2342	rBV2	23324	44050	3.31%	0.258%
63	16.713	2356	2361	2368	rVB6	14675	26781	2.01%	0.157%
64	16.878	2385	2389	2390	rBV2	4197	3318	0.25%	0.019%
65	16.960	2401	2403	2408	rVB5	5290	6305	0.47%	0.037%
66	17.042	2414	2417	2422	rBV4	2743	5487	0.41%	0.032%
67	17.113	2428	2429	2433	rBV3	2491	2527	0.19%	0.015%
68	17.330	2463	2466	2471	rBV3	22657	27658	2.08%	0.162%
69	17.383	2472	2475	2480	rVB5	8660	11930	0.90%	0.070%
70	17.465	2487	2489	2492	rBV4	3885	4146	0.31%	0.024%
71	17.595	2503	2511	2518	rBV	646717	990591	74.37%	5.806%

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72	17.694	2521	2528	2534	rVB	627305	906754	68.07%	5.314%
73	17.806	2545	2547	2552	rVB5	4067	5050	0.38%	0.030%
74	17.871	2552	2558	2562	rVB7	6112	9513	0.71%	0.056%
75	17.953	2567	2572	2578	rVB4	54635	76707	5.76%	0.450%
76	18.029	2582	2585	2586	rBV2	3126	2278	0.17%	0.013%
77	18.070	2589	2592	2596	rBV2	18651	23022	1.73%	0.135%
78	18.200	2612	2614	2617	rBV3	5762	5381	0.40%	0.032%
79	18.247	2619	2622	2630	rVB9	5726	10265	0.77%	0.060%
80	18.347	2633	2639	2643	rBV5	25649	41662	3.13%	0.244%
81	18.411	2644	2650	2655	rBV	472118	649861	48.79%	3.809%
82	18.464	2655	2659	2670	rVB	324069	443329	33.28%	2.598%
83	18.646	2688	2690	2692	rBV3	4371	4763	0.36%	0.028%
84	18.758	2705	2709	2715	rBV7	15572	27889	2.09%	0.163%
85	19.246	2790	2792	2797	rBV5	6143	6969	0.52%	0.041%
86	19.310	2799	2803	2808	rBV2	70727	93504	7.02%	0.548%
87	19.469	2827	2830	2832	rBV4	10094	10854	0.81%	0.064%
88	19.580	2845	2849	2851	rBV2	51218	71321	5.35%	0.418%
89	19.604	2851	2853	2855	rVV3	42432	45974	3.45%	0.269%
90	19.721	2869	2873	2879	rBV	84204	109242	8.20%	0.640%
91	19.962	2908	2914	2923	rBV	775813	1144147	85.90%	6.706%
92	20.979	3084	3087	3092	rVB3	42059	47592	3.57%	0.279%
93	21.502	3171	3176	3183	rVB2	206715	340442	25.56%	1.995%
94	21.884	3234	3241	3248	rBV	785847	1332000	100.00%	7.807%
95	22.077	3270	3274	3280	rVB	87499	134622	10.11%	0.789%
96	22.724	3378	3384	3392	rBV3	216562	428268	32.15%	2.510%
97	24.322	3651	3656	3662	rBV2	157588	322500	24.21%	1.890%
98	25.033	3769	3777	3787	rVB	388052	1141648	85.71%	6.691%
99	25.274	3809	3818	3828	rBV2	382720	1123563	84.35%	6.585%
100	26.684	4050	4058	4068	rVB3	199102	564447	42.38%	3.308%

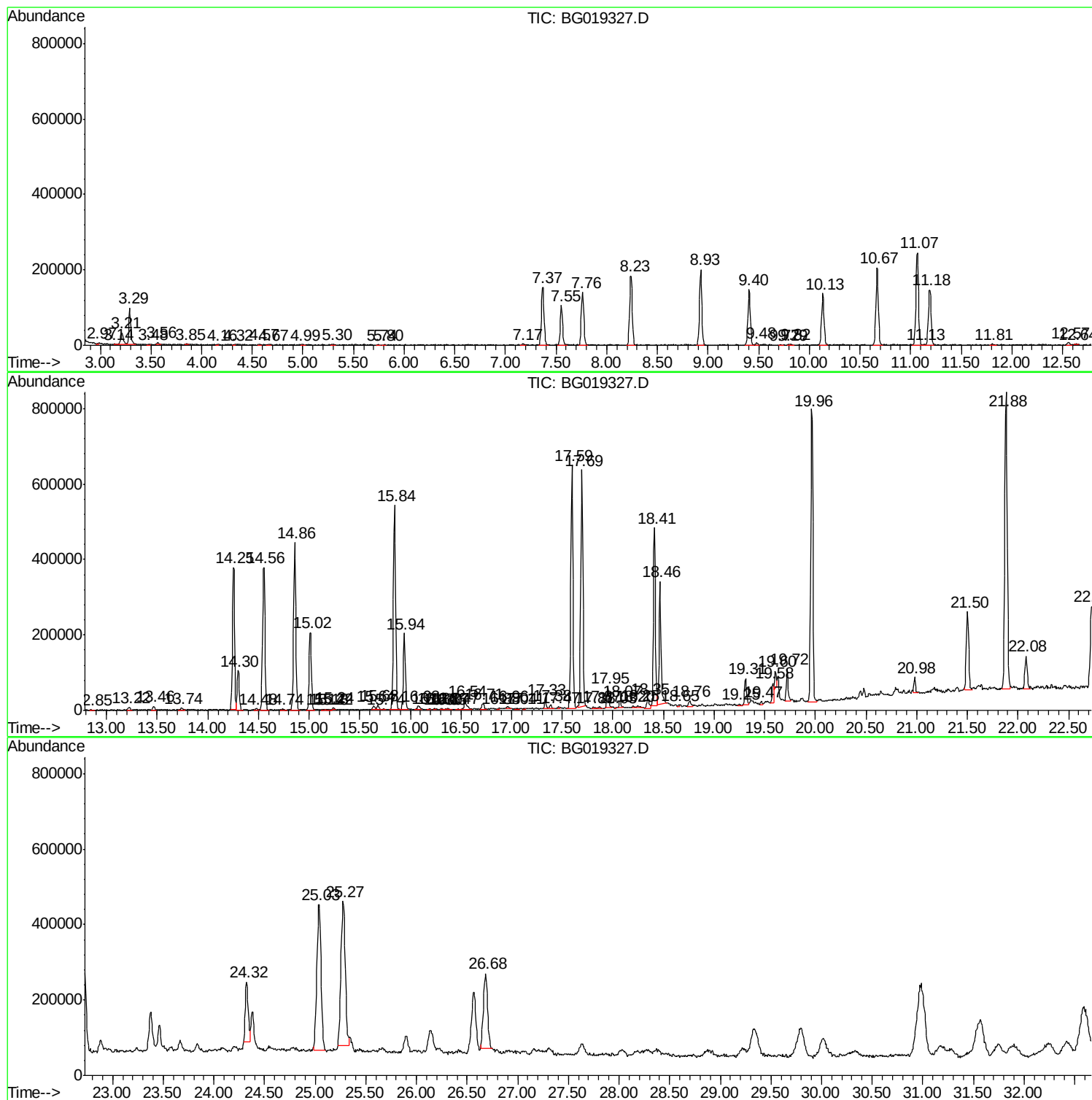
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102315.M
Quant Title : SVOA CALIBRATION

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



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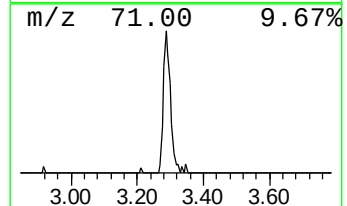
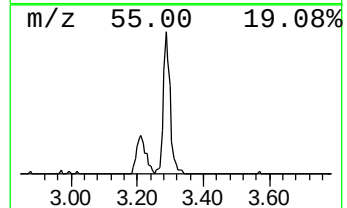
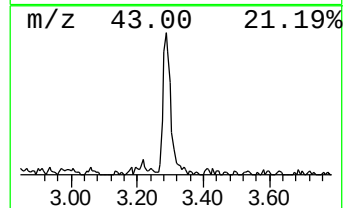
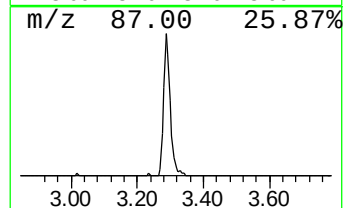
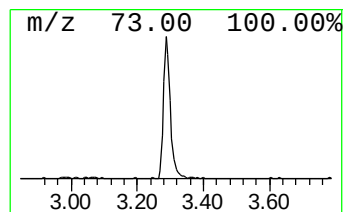
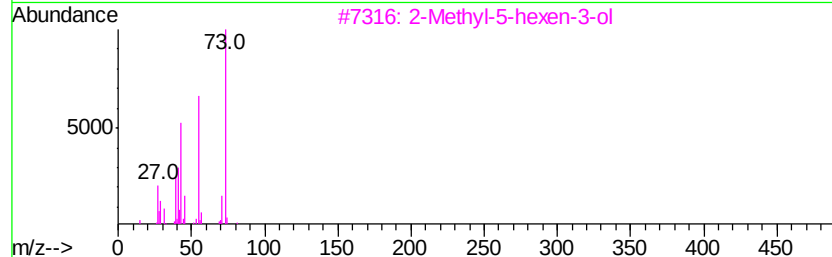
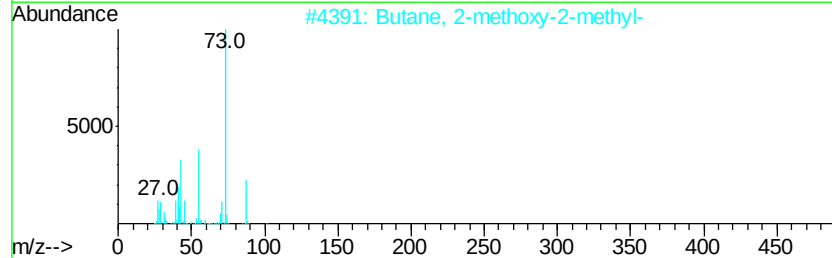
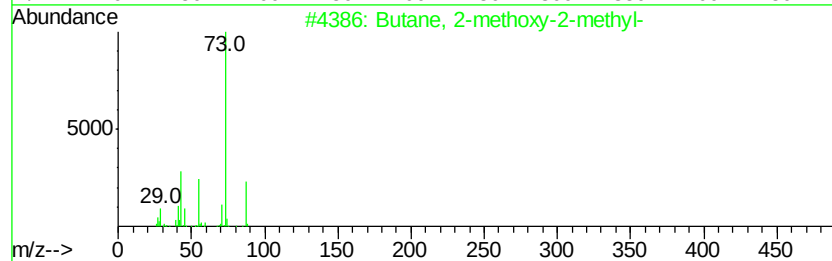
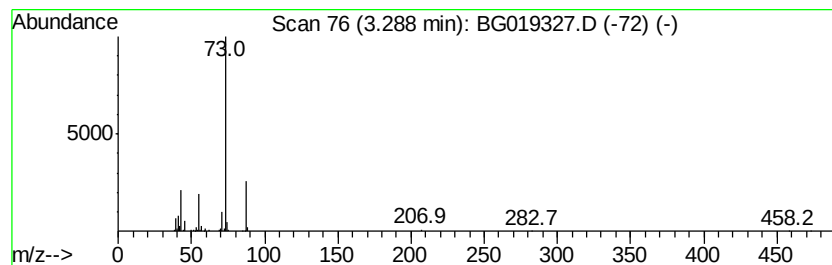
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102315.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.29	8.80 ng/ul	141775	1,4-Dichlorobenzene-d4	8.24

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	39
3		2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	23
4		N-Ethylformamide	73	C3H7NO	000627-45-2	9
5		3-Hexanol, 3-methyl-	116	C7H16O	000597-96-6	9



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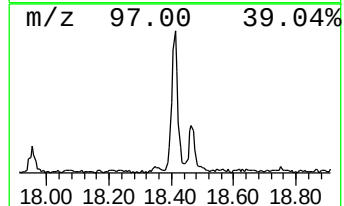
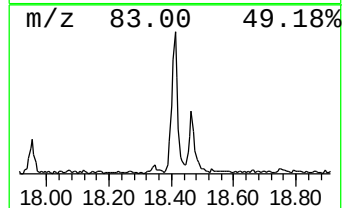
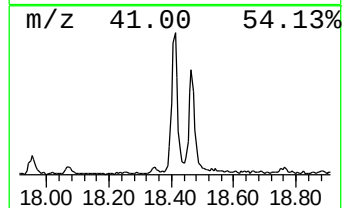
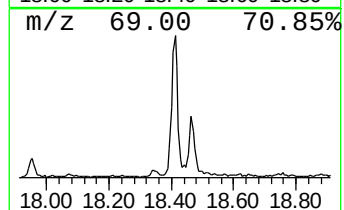
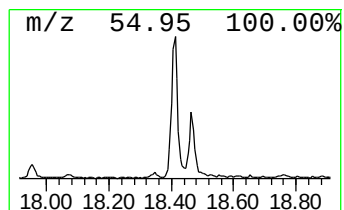
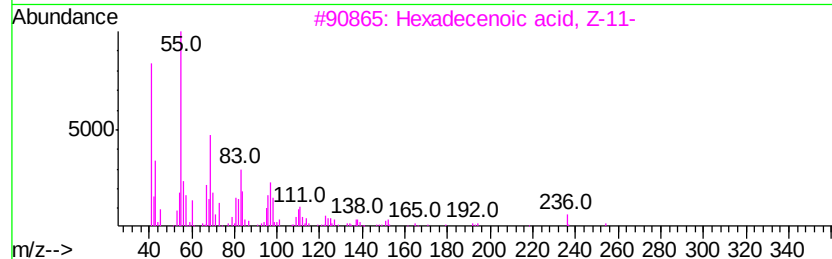
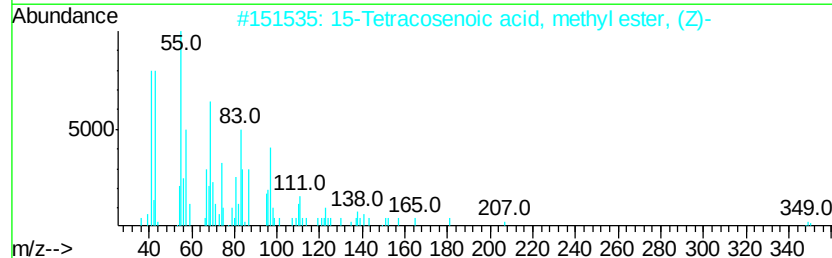
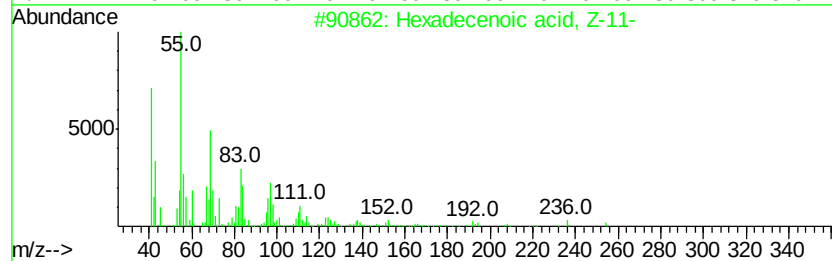
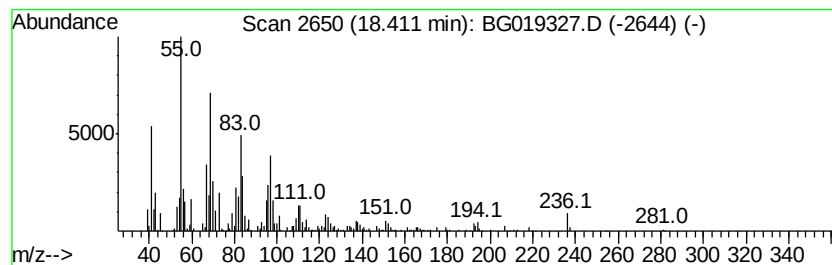
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 3 Hexadecenoic acid, Z-11- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.41	13.12 ng/ul	649861	Phenanthrene-d10	17.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	83
2		15-Tetracosenoic acid, methyl es...	380	C25H48O2	002733-88-2	70
3		Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	64
4		9-Hexadecenoic acid	254	C16H30O2	002091-29-4	53
5		3-n-Hexylthiane, S,S-dioxide	218	C11H22O2S	061639-18-7	49



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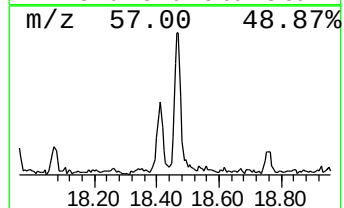
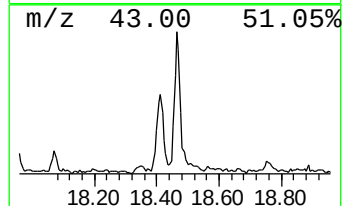
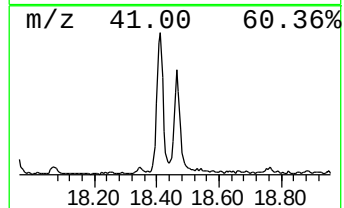
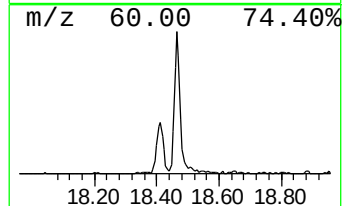
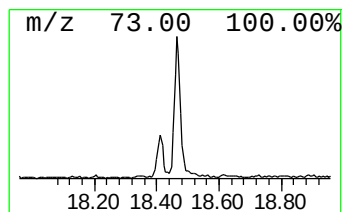
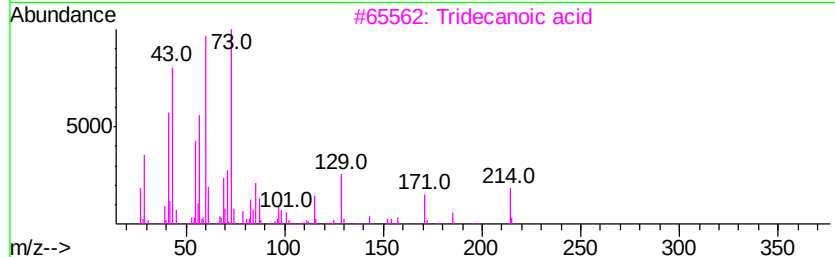
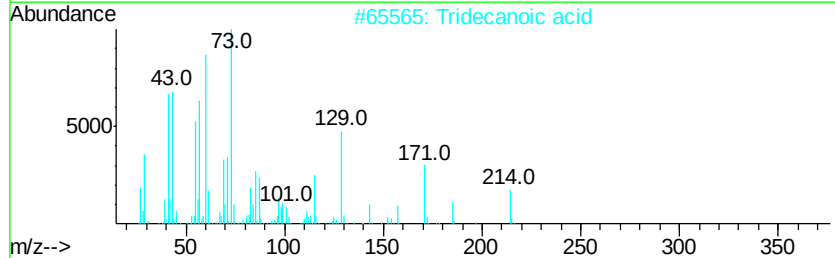
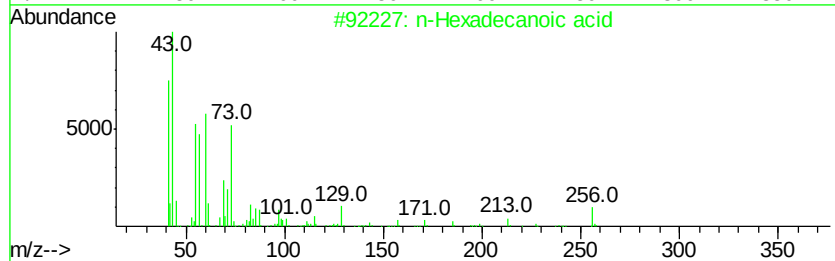
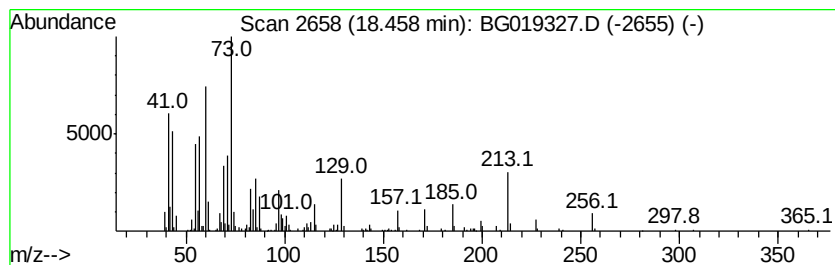
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.46	8.95 ng/ul	443329	Phenanthrene-d10	17.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2		Tridecanoic acid	214	C13H26O2	000638-53-9	93
3		Tridecanoic acid	214	C13H26O2	000638-53-9	89
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	86
5		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	76



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Sample : G4075-08
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JG9K8

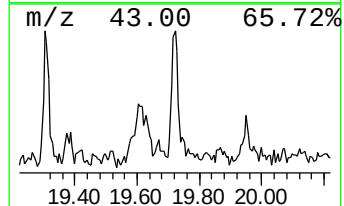
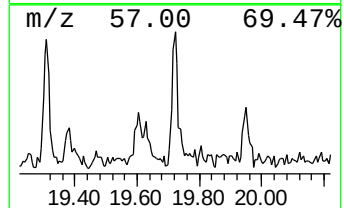
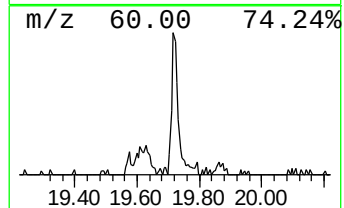
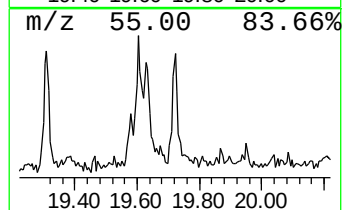
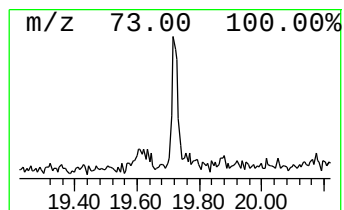
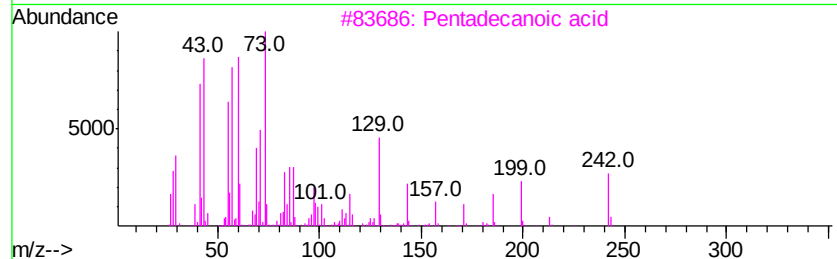
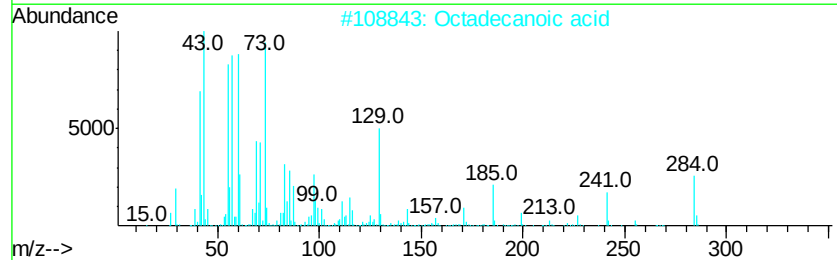
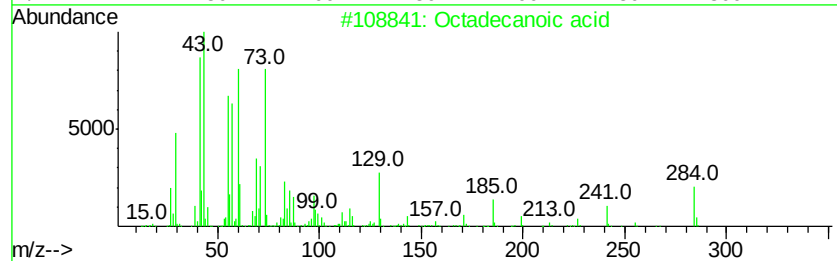
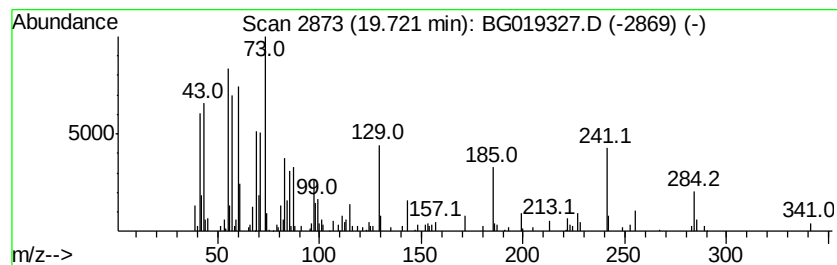
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Octadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.72	2.21 ng/ul	109242	Phenanthrene-d10	17.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	96
2		Octadecanoic acid	284	C18H36O2	000057-11-4	91
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	76
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	64
5		Octadecanoic acid	284	C18H36O2	000057-11-4	60



Data Path : Z:\HPCHEM1\BNA G\DATA\BG102315\
Data File : BG019327.D
Acq On : 24 Oct 2015 9:11
Operator : UM/NP
Sample : G4075-08
Misc :
ALS Vial : 18 Sample Multiplier: 1

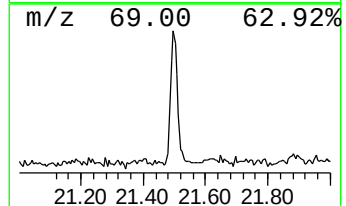
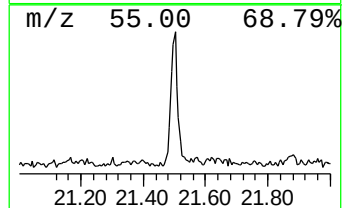
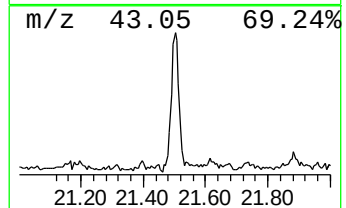
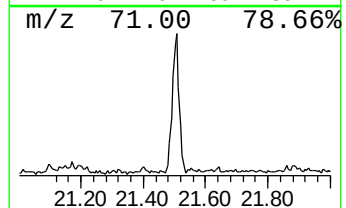
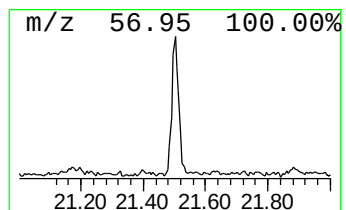
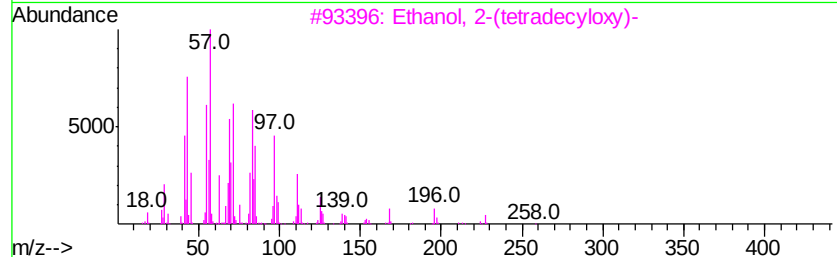
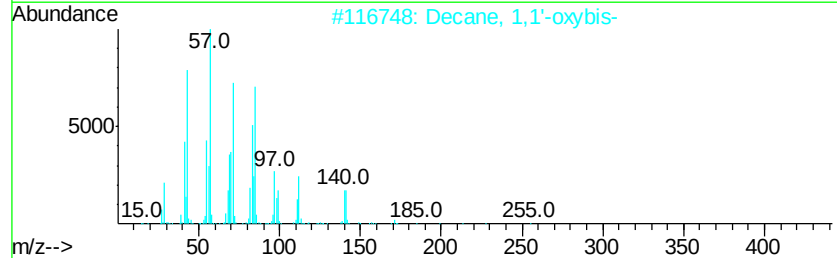
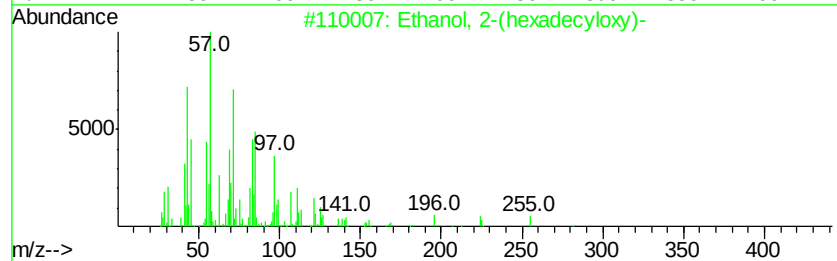
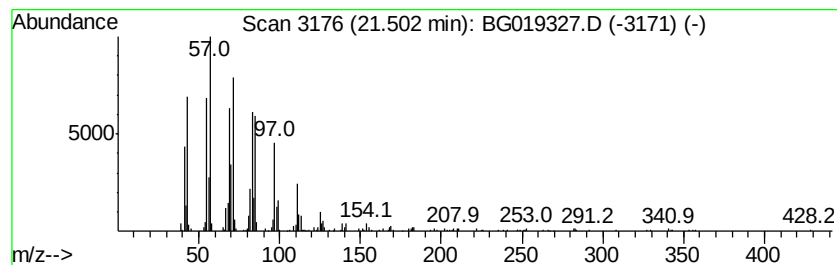
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102315.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 Ethanol, 2-(hexadecyloxy)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.		
21.50	5.11 ng/ul	340442	Chrysene-d12	21.88		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(hexadecyloxy)-	286	C18H38O2	002136-71-2	91	
2	Decane, 1,1'-oxybis-	298	C20H42O	002456-28-2	74	
3	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	68	
4	Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	68	
5	Cyclotetradecane	196	C14H28	000295-17-0	64	



Data Path : Z:\HPCHEM1\BNA G\DATA\BG102315\
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Acq On : 24 Oct 2015 9:11
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Sample : G4075-08
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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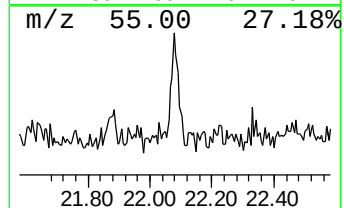
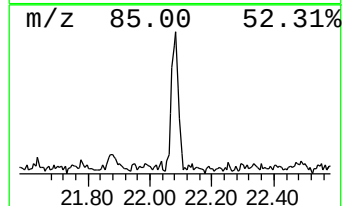
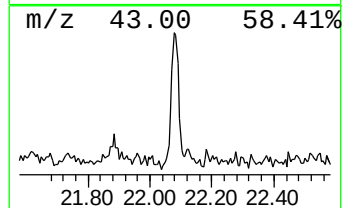
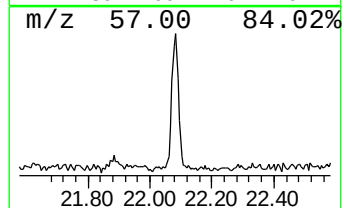
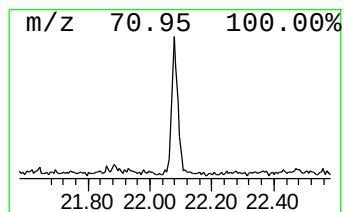
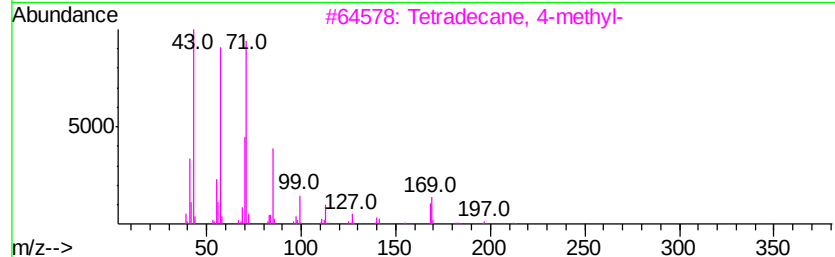
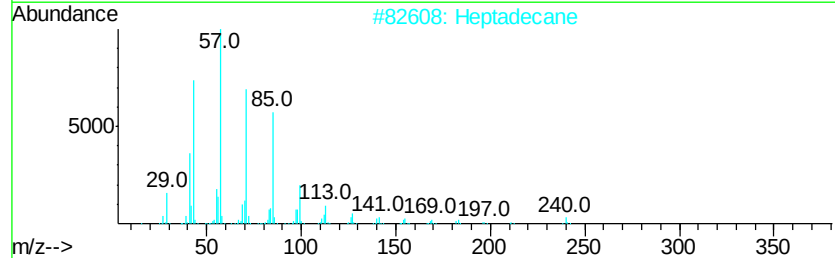
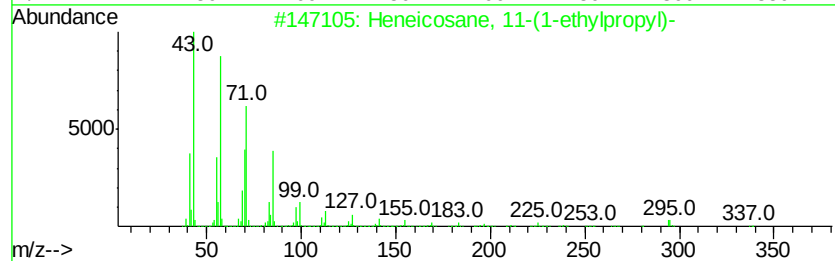
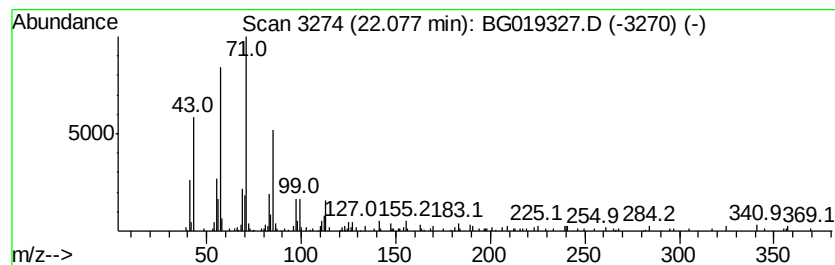
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.08	2.02 ng/ul	134622	Chrysene-d12	21.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	80
2		Heptadecane	240	C17H36	000629-78-7	78
3		Tetradecane, 4-methyl-	212	C15H32	025117-24-2	72
4		Eicosane	282	C20H42	000112-95-8	70
5		Undecane, 4,8-dimethyl-	184	C13H28	017301-33-6	64



Data Path : Z:\HPCHEM1\BNA G\DATA\BG102315\
Data File : BG019327.D
Acq On : 24 Oct 2015 9:11
Operator : UM/NP
Sample : G4075-08
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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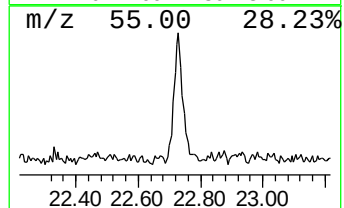
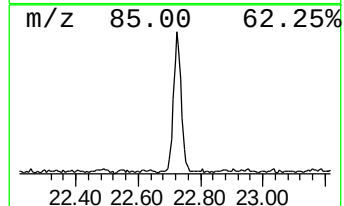
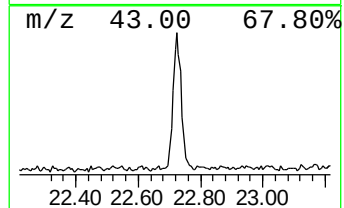
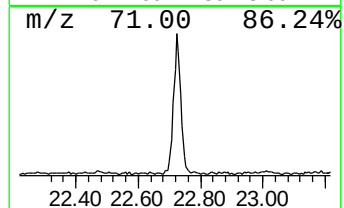
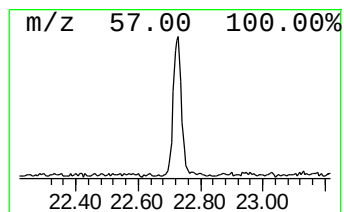
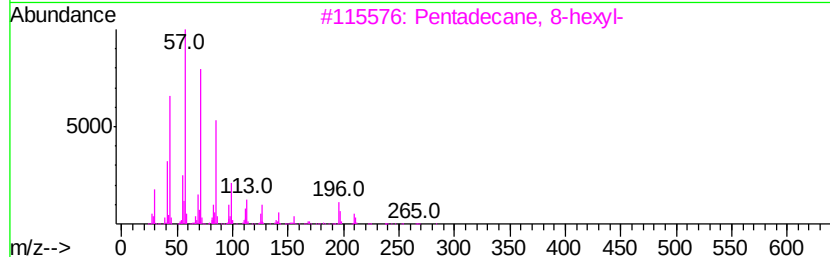
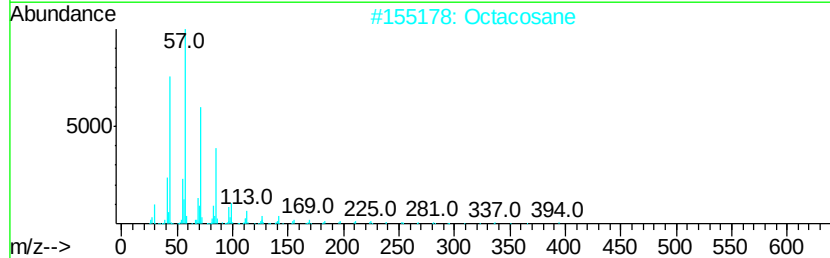
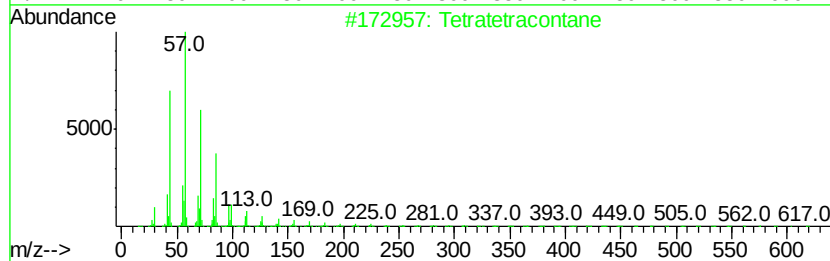
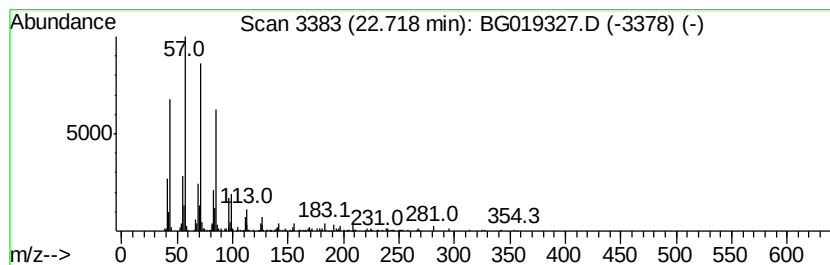
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.72	6.43 ng/ul	428268	Chrysene-d12	21.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratetracontane	619	C44H90	007098-22-8	87
2		Octacosane	394	C28H58	000630-02-4	83
3		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	80
4		Tridecane, 7-hexyl-	268	C19H40	007225-66-3	68
5		Octadecane, 5-methyl-	268	C19H40	025117-35-5	64



Data Path : Z:\HPCHEM1\BNA G\DATA\BG102315\
Data File : BG019327.D
Acq On : 24 Oct 2015 9:11
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Sample : G4075-08
Misc :
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Instrument :
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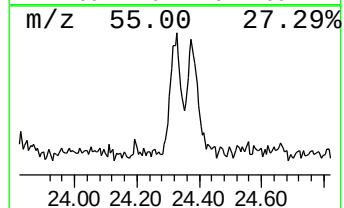
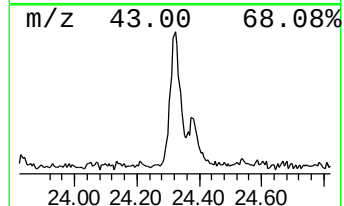
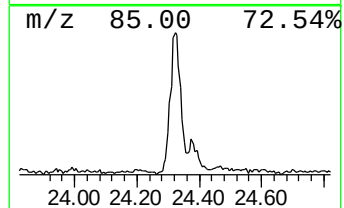
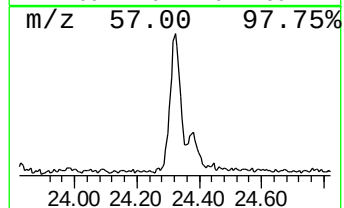
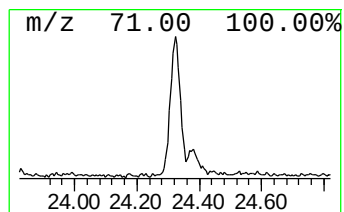
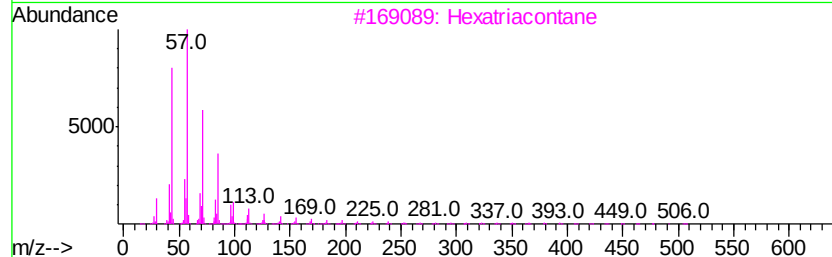
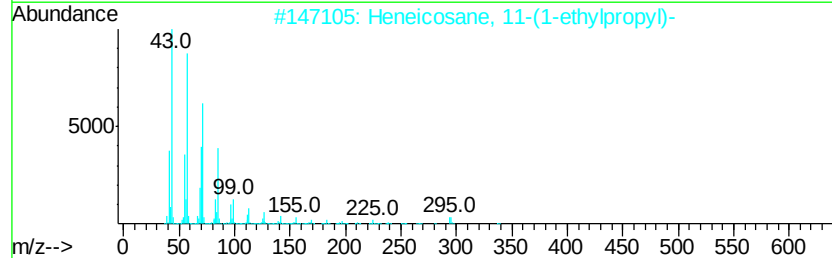
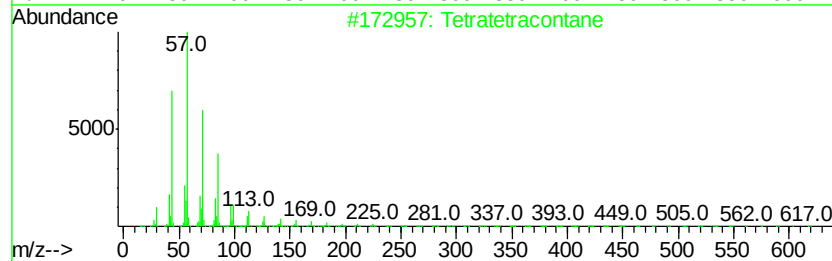
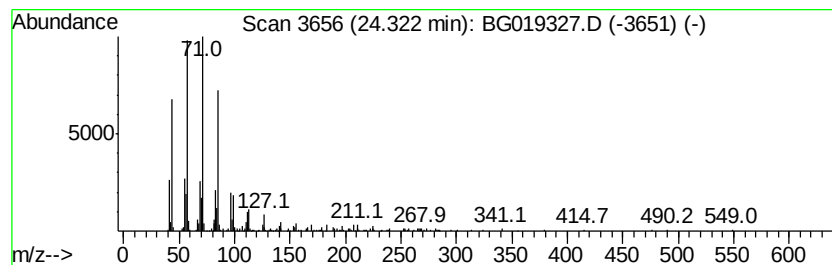
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.32	5.74 ng/ul	322500	Perylene-d12	25.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratetracontane	619	C44H90	007098-22-8	90
2		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	90
3		Hexatriacontane	507	C36H74	000630-06-8	87
4		Heneicosane, 11-decyl-	437	C31H64	055320-06-4	87
5		Tritetracontane	605	C43H88	007098-21-7	72



Data Path : Z:\HPCHEM1\BNA G\DATA\BG102315\
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Acq On : 24 Oct 2015 9:11
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Sample : G4075-08
Misc :
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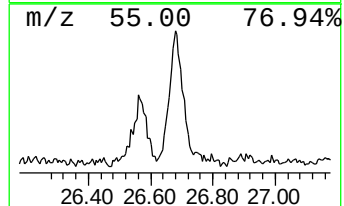
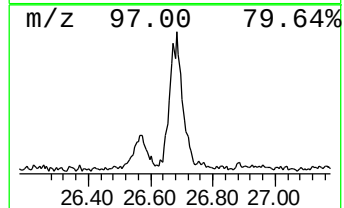
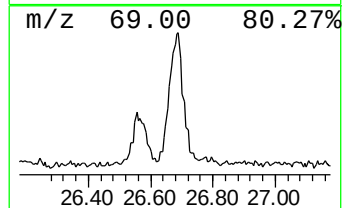
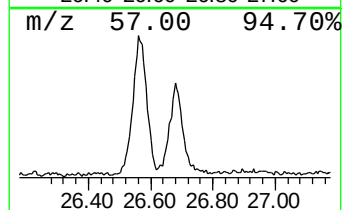
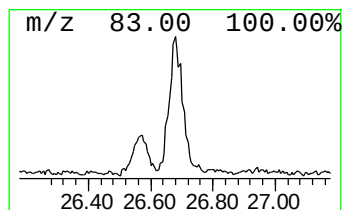
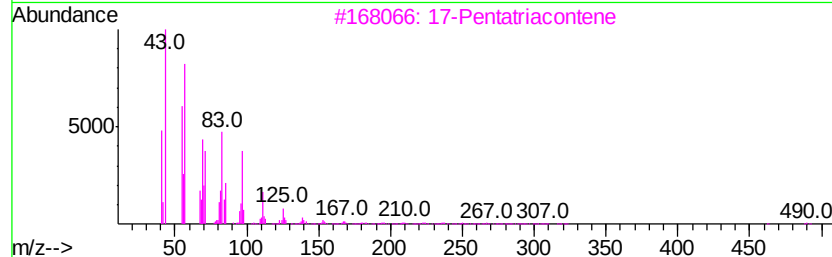
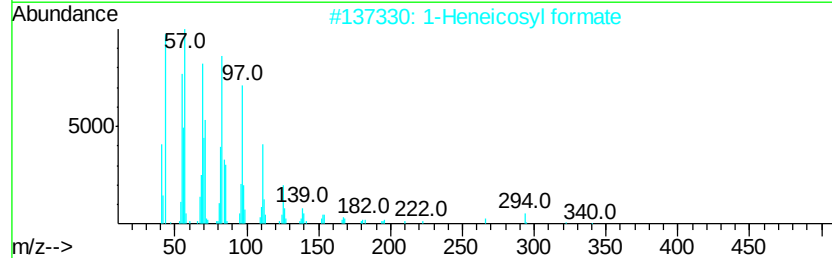
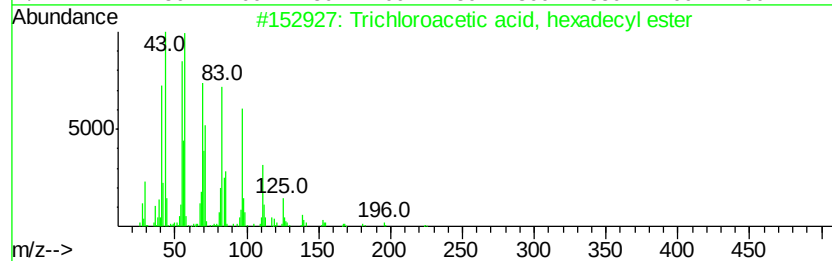
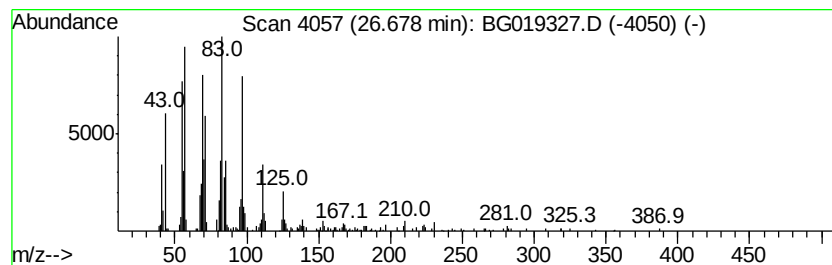
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 Trichloroacetic acid, hexad... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.68	10.05 ng/ul	564447	Perylene-d12	25.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	90
2		1-Heneicosyl formate	340	C22H44O2	077899-03-7	87
3		17-Pentatriacontene	491	C35H70	006971-40-0	86
4		1-Hexacosanol	382	C26H54O	000506-52-5	83
5		Cyclohexadecane	224	C16H32	000295-65-8	78



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG102315\
Data File : BG019327.D
Acq On : 24 Oct 2015 9:11
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ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102315.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...	3.29	8.8	ng/ul	141775	1	8.24	322125	20.0
Hexadecenoic acid...	18.41	13.1	ng/ul	649861	4	17.59	990591	20.0
n-Hexadecanoic acid	18.46	8.9	ng/ul	443329	4	17.59	990591	20.0
Octadecanoic acid	19.72	2.2	ng/ul	109242	4	17.59	990591	20.0
Ethanol, 2-(hexad...	21.50	5.1	ng/ul	340442	5	21.88	1332000	20.0
(DEL) Alkane: Str...	22.08	2.0	ng/ul	134622	5	21.88	1332000	20.0
(DEL) Alkane: Str...	22.72	6.4	ng/ul	428268	5	21.88	1332000	20.0
(DEL) Alkane: Str...	24.32	5.7	ng/ul	322500	6	25.28	1123560	20.0
Trichloroacetic a...	26.68	10.1	ng/ul	564447	6	25.28	1123560	20.0