

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092115\
 Data File : BG018793.D
 Acq On : 21 Sep 2015 21:49
 Operator : TP
 Sample : G3696-14
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AN6

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-BG091015.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	2.885	5	8	18	rVB2	18447	32829	1.88%	0.207%
2	2.962	18	21	26	rVB4	2445	3170	0.18%	0.020%
3	3.103	39	45	52	rBV2	54654	90027	5.16%	0.569%
4	3.179	52	58	76	rVB	641137	903936	51.78%	5.713%
5	3.438	99	102	106	rVB4	2110	3043	0.17%	0.019%
6	7.168	729	737	742	rBV2	24434	43040	2.47%	0.272%
7	7.321	755	763	774	rBV	118811	195538	11.20%	1.236%
8	7.533	793	799	806	rBV	108555	182348	10.45%	1.152%
9	7.997	872	878	885	rBV	144830	253012	14.49%	1.599%
10	8.702	992	998	1007	rBV	80517	141529	8.11%	0.894%
11	9.154	1068	1075	1084	rBV	131737	236264	13.53%	1.493%
12	9.883	1187	1199	1208	rBV	106625	195628	11.21%	1.236%
13	10.423	1284	1291	1298	rBV	169284	292402	16.75%	1.848%
14	10.800	1349	1355	1364	rVB	219696	394206	22.58%	2.491%
15	10.888	1367	1370	1374	rVB3	2529	3309	0.19%	0.021%
16	10.941	1374	1379	1385	rBV4	3828	6729	0.39%	0.043%
17	11.510	1471	1476	1478	rBV4	2324	3053	0.17%	0.019%
18	14.025	1897	1904	1909	rBV	447090	633154	36.27%	4.002%
19	14.072	1909	1912	1919	rVB	37575	54695	3.13%	0.346%
20	14.319	1947	1954	1964	rBV	470652	731588	41.91%	4.624%
21	14.624	2000	2006	2015	rVV2	388648	624155	35.75%	3.945%
22	14.830	2036	2041	2049	rBV2	27510	52297	3.00%	0.331%
23	15.412	2135	2140	2143	rBV4	4208	7495	0.43%	0.047%
24	15.465	2146	2149	2154	rVB4	4306	6516	0.37%	0.041%
25	15.617	2168	2175	2183	rBV	687891	1037248	59.42%	6.555%
26	15.729	2187	2194	2201	rVV	177156	273388	15.66%	1.728%
27	15.858	2209	2216	2221	rVV5	8373	12766	0.73%	0.081%
28	16.322	2292	2295	2304	rVB3	6591	12179	0.70%	0.077%
29	16.505	2318	2326	2329	rVB4	5953	8824	0.51%	0.056%
30	17.116	2425	2430	2433	rBV3	10867	14214	0.81%	0.090%
31	17.157	2433	2437	2444	rVB3	4863	8070	0.46%	0.051%
32	17.368	2466	2473	2481	rBV	602274	909334	52.09%	5.747%
33	17.468	2483	2490	2498	rVV2	880929	1351374	77.41%	8.541%
34	17.521	2498	2499	2504	rVV4	2761	3993	0.23%	0.025%

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35	17.644	2514	2520	2523	rBV5	2579	5159	0.30%	0.033%
36	17.738	2530	2536	2540	rBV4	18771	32860	1.88%	0.208%
37	17.856	2549	2556	2561	rVB5	5499	8697	0.50%	0.055%
38	18.026	2580	2585	2588	rBV4	3336	4737	0.27%	0.030%
39	18.250	2617	2623	2630	rBV4	16924	27911	1.60%	0.176%
40	18.320	2632	2635	2638	rVV	5027	5134	0.29%	0.032%
41	18.502	2664	2666	2669	rBV4	2711	3570	0.20%	0.023%
42	18.538	2669	2672	2679	rVV5	6567	11060	0.63%	0.070%
43	18.673	2692	2695	2699	rVV6	3299	4506	0.26%	0.028%
44	18.720	2699	2703	2708	rVB6	3289	6021	0.34%	0.038%
45	19.013	2750	2753	2756	rVB4	3048	2980	0.17%	0.019%
46	19.102	2762	2768	2778	rBV2	147291	228014	13.06%	1.441%
47	19.166	2778	2779	2783	rVV4	7836	9935	0.57%	0.063%
48	19.219	2784	2788	2792	rVB2	47830	57505	3.29%	0.363%
49	19.413	2816	2821	2825	rBV7	3582	6733	0.39%	0.043%
50	19.448	2825	2827	2833	rVV7	5759	8263	0.47%	0.052%
51	19.636	2855	2859	2868	rVB2	10284	23407	1.34%	0.148%
52	19.754	2872	2879	2886	rBV	1193767	1745687	100.00%	11.033%
53	20.124	2941	2942	2944	rBV2	2970	2965	0.17%	0.019%
54	20.177	2949	2951	2956	rVB6	3395	4881	0.28%	0.031%
55	20.212	2956	2957	2959	rBV2	3650	3123	0.18%	0.020%
56	20.241	2959	2962	2965	rVV5	5515	7986	0.46%	0.050%
57	20.277	2965	2968	2971	rVV4	8327	10101	0.58%	0.064%
58	20.341	2976	2979	2983	rVB5	4075	6411	0.37%	0.041%
59	20.459	2993	2999	3002	rBV8	4380	9281	0.53%	0.059%
60	20.518	3008	3009	3012	rBV3	3076	3118	0.18%	0.020%
61	20.576	3017	3019	3020	rVV2	5839	4459	0.26%	0.028%
62	20.606	3020	3024	3029	rVV	56086	64953	3.72%	0.411%
63	20.641	3029	3030	3032	rVV2	5613	3907	0.22%	0.025%
64	20.723	3038	3044	3049	rVV4	15830	26410	1.51%	0.167%
65	20.764	3049	3051	3056	rVV5	5972	9660	0.55%	0.061%
66	20.911	3074	3076	3079	rBV4	3086	3463	0.20%	0.022%
67	21.087	3104	3106	3108	rBV3	5534	3897	0.22%	0.025%
68	21.270	3133	3137	3145	rVB10	9921	22813	1.31%	0.144%
69	21.352	3148	3151	3154	rBV4	9162	10010	0.57%	0.063%
70	21.510	3173	3178	3185	rVB	91548	119017	6.82%	0.752%
71	21.628	3191	3198	3205	rBV	746282	1198486	68.65%	7.574%

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72	21.746	3211	3218	3223	rBV	96423	144367	8.27%	0.912%
73	22.127	3281	3283	3284	rBV	4752	4049	0.23%	0.026%
74	22.404	3328	3330	3333	rBV4	6575	8371	0.48%	0.053%
75	23.073	3443	3444	3445	rBV	4156	2887	0.17%	0.018%
76	23.097	3445	3448	3451	rVB5	6999	9614	0.55%	0.061%
77	23.238	3470	3472	3475	rBV4	3651	3662	0.21%	0.023%
78	23.632	3537	3539	3542	rBV4	3819	3543	0.20%	0.022%
79	23.679	3545	3547	3548	rBV2	4916	3875	0.22%	0.024%
80	23.702	3548	3551	3558	rVB9	9388	20485	1.17%	0.129%
81	23.890	3577	3583	3587	rBV8	9642	15944	0.91%	0.101%
82	24.196	3633	3635	3637	rBV2	5165	3788	0.22%	0.024%
83	24.595	3691	3703	3714	rBV	631523	1709132	97.91%	10.802%
84	24.813	3729	3740	3752	rBV2	444210	1217656	69.75%	7.696%
85	25.300	3814	3823	3832	rBV2	60858	179302	10.27%	1.133%
86	25.406	3839	3841	3846	rVV5	4646	6127	0.35%	0.039%
87	25.635	3878	3880	3883	rBV3	3046	3640	0.21%	0.023%
88	25.706	3890	3892	3895	rBV3	4612	4671	0.27%	0.030%
89	26.587	4040	4042	4044	rBV3	3688	3964	0.23%	0.025%
90	26.910	4095	4097	4098	rBV2	4723	3504	0.20%	0.022%
91	27.063	4119	4123	4125	rBV4	3788	4855	0.28%	0.031%
92	27.139	4134	4136	4137	rBV2	3609	3225	0.18%	0.020%
93	27.221	4146	4150	4151	rBV4	6537	7904	0.45%	0.050%
94	27.862	4257	4259	4261	rBV3	4101	2924	0.17%	0.018%
95	28.156	4307	4309	4312	rBV4	4181	4485	0.26%	0.028%
96	28.285	4329	4331	4333	rBV3	4630	4510	0.26%	0.029%
97	29.190	4483	4485	4489	rVB4	4324	4842	0.28%	0.031%
98	30.218	4658	4660	4665	rBV5	3496	4331	0.25%	0.027%
99	30.365	4683	4685	4687	rBV2	4082	4784	0.27%	0.030%
100	32.263	5006	5008	5010	rBV3	3675	3918	0.22%	0.025%

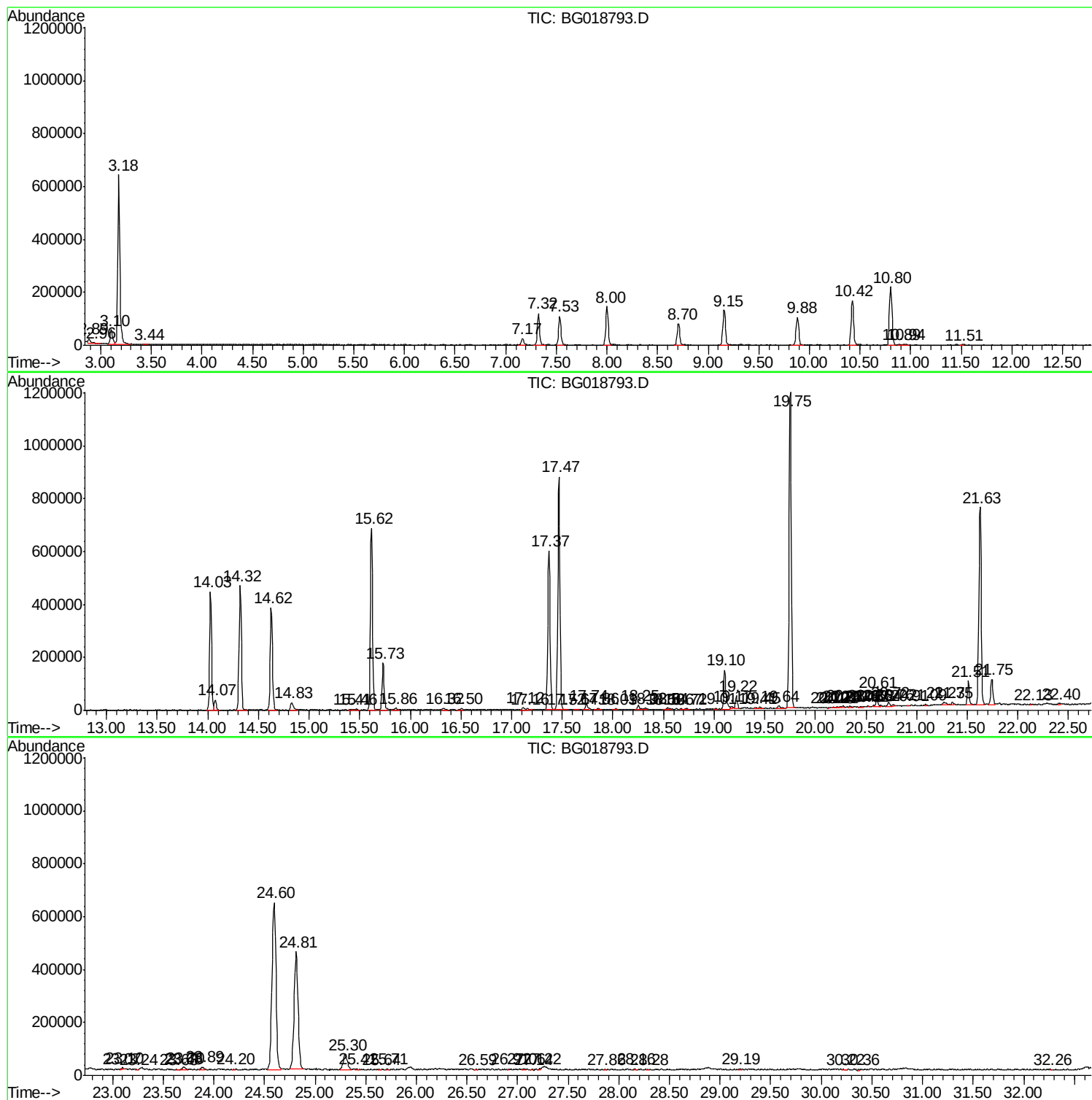
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

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



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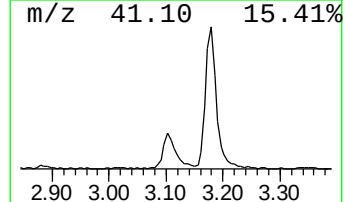
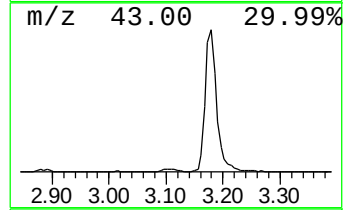
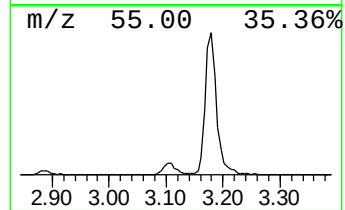
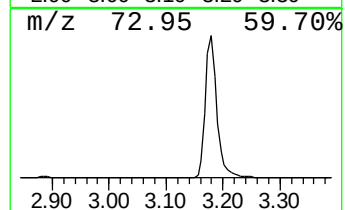
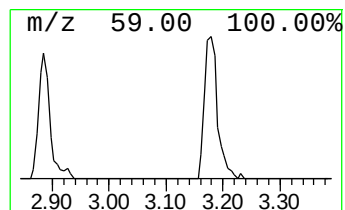
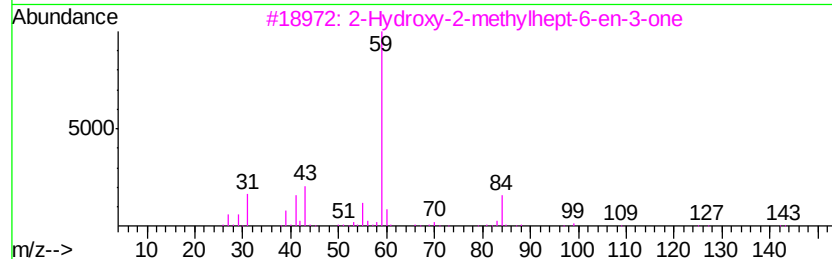
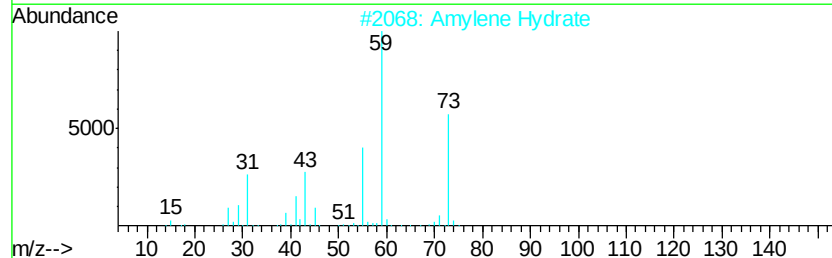
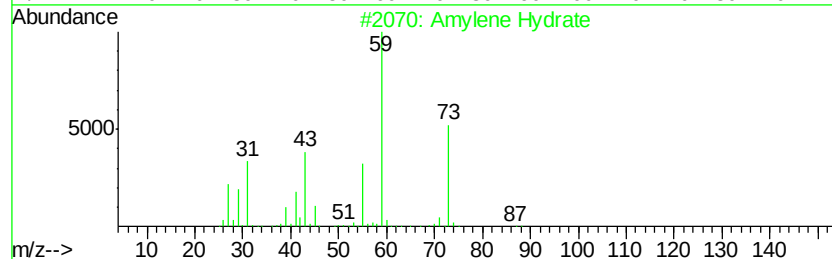
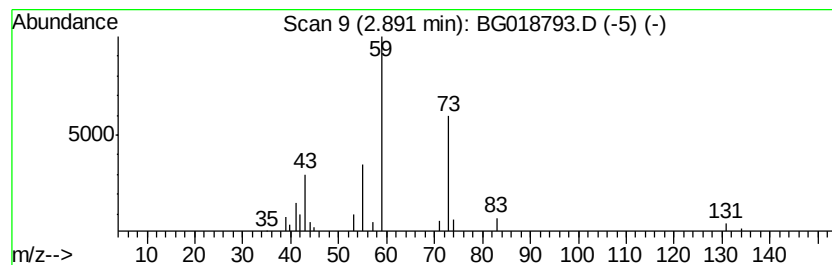
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Amylene Hydrate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.89	2.60 ng/ul	32829	1,4-Dichlorobenzene-d4	8.00

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Amylene Hydrate	88	C5H12O	000075-85-4	50
2			Amylene Hydrate	88	C5H12O	000075-85-4	50
3			2-Hydroxy-2-methylhept-6-en-3-one	142	C8H14O2	000996-61-2	40
4			Silane, ethyldimethyl-	88	C4H12Si	000758-21-4	39
5			3-Hexanol	102	C6H14O	000623-37-0	36



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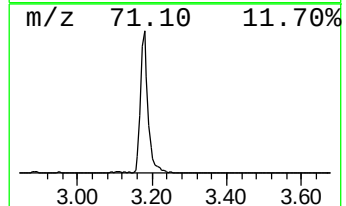
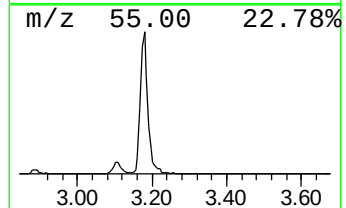
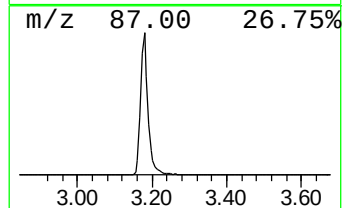
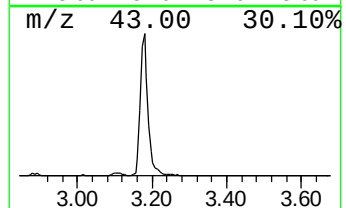
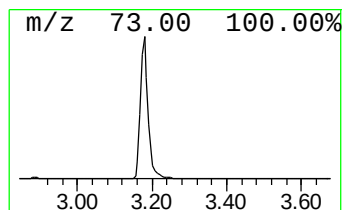
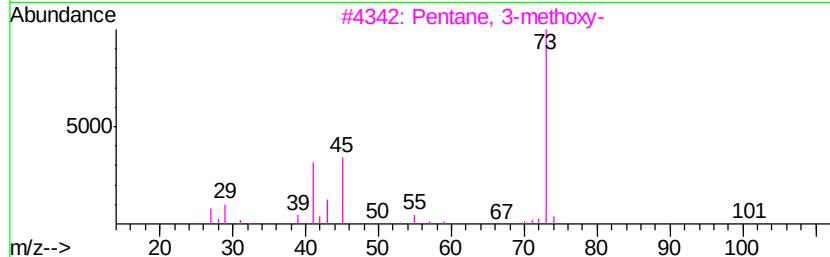
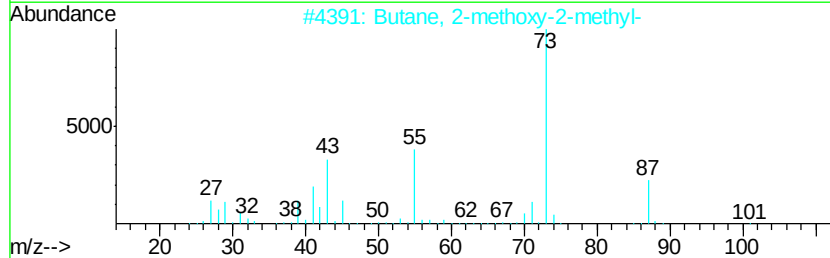
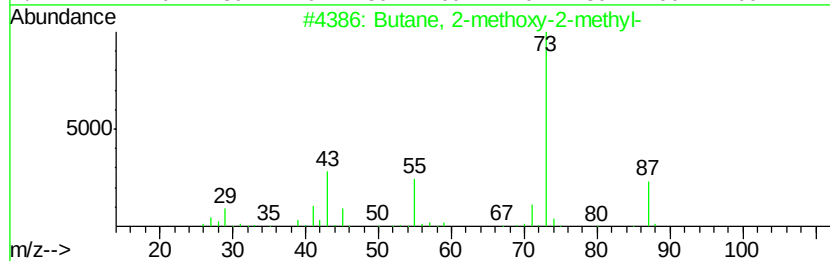
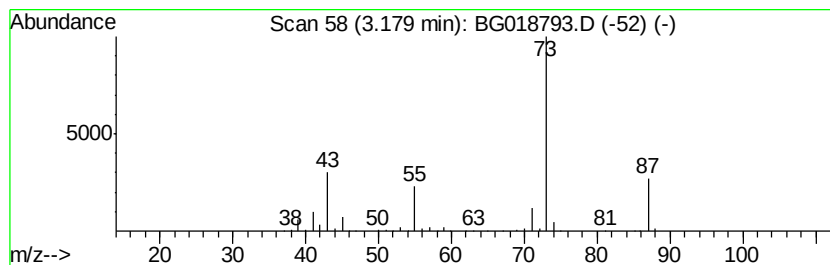
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.18	71.45 ng/ul	903936	1,4-Dichlorobenzene-d4	8.00

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	64
3		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5		N-Ethylformamide	73	C3H7NO	000627-45-2	9



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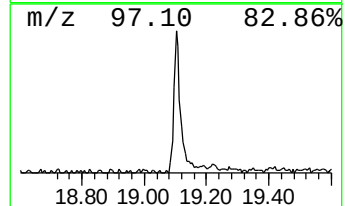
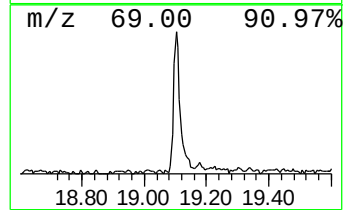
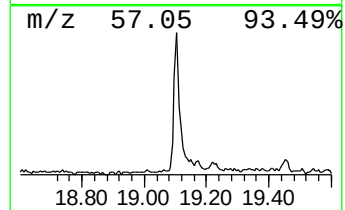
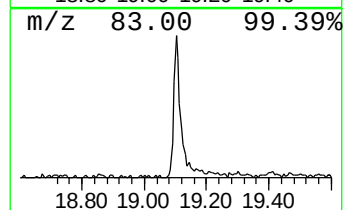
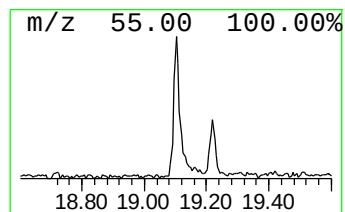
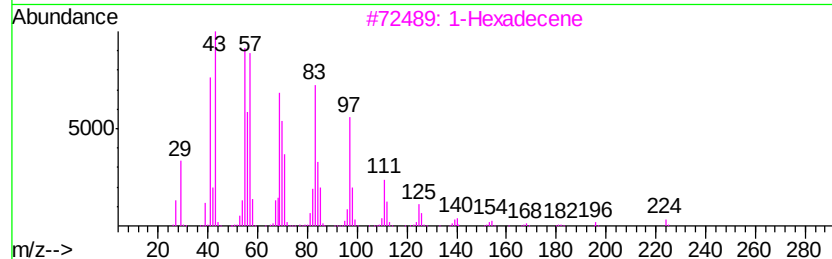
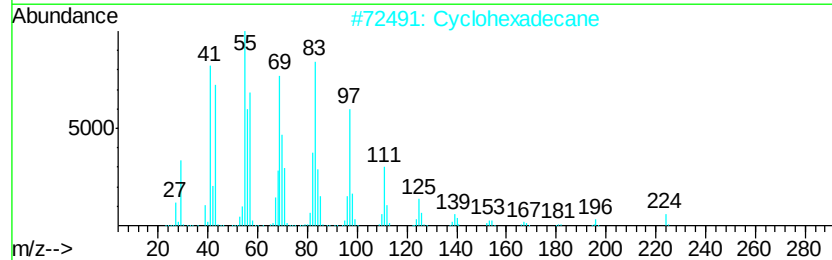
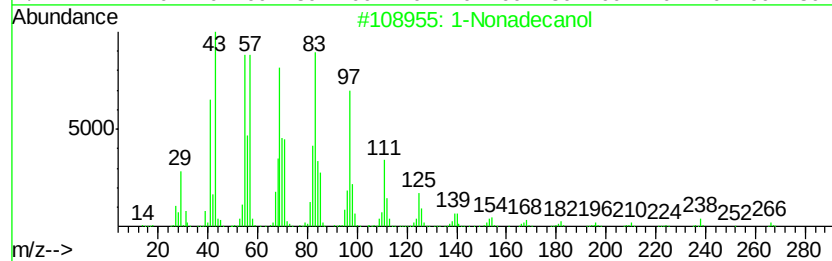
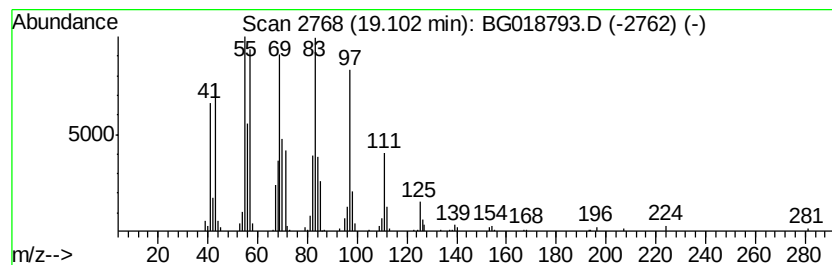
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 1-Nonadecanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.10	5.01 ng/ul	228014	Phenanthrene-d10	17.37	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecanol	284	C19H40O	001454-84-8	94
2	Cyclohexadecane	224	C16H32	000295-65-8	93
3	1-Hexadecene	224	C16H32	000629-73-2	92
4	Bromoacetic acid, pentadecyl ester	348	C17H33BrO2	131143-01-6	91
5	1-Hexadecanol	242	C16H34O	036653-82-4	91



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Sample : G3696-14
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AN6

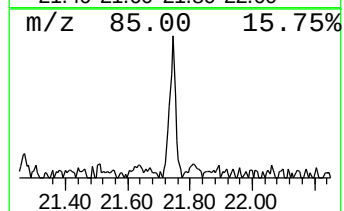
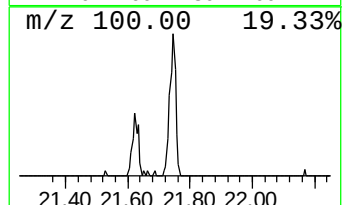
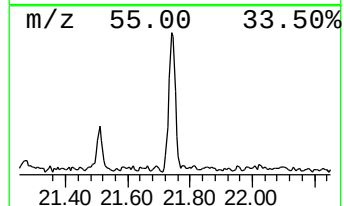
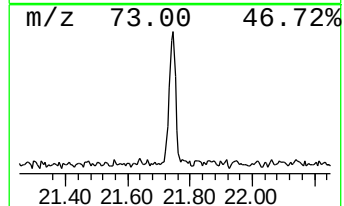
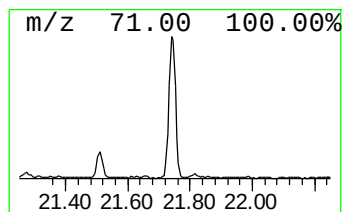
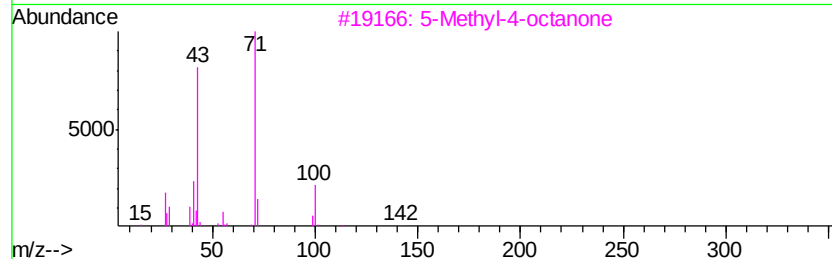
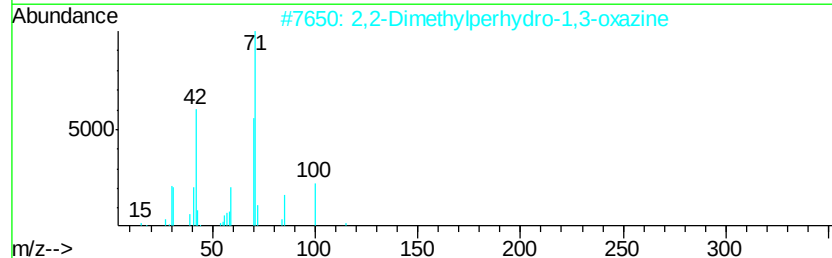
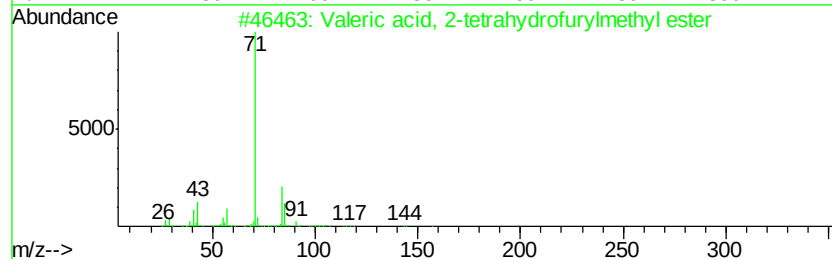
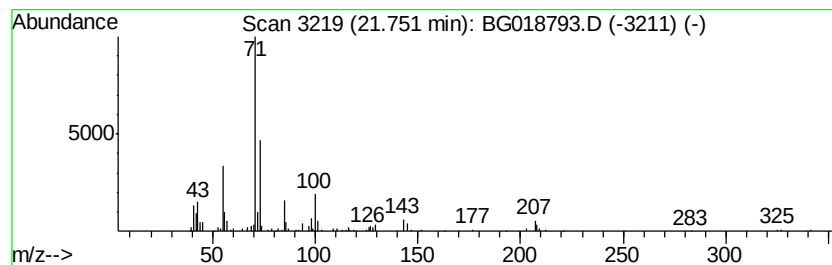
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.75	2.41 ng/ul	144367	Chrysene-d12	21.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Valeric acid, 2-tetrahydrofurylm...	186	C10H18O3	005451-86-5	38
2		2,2-Dimethylperhydro-1,3-oxazine	115	C6H13NO	073155-29-0	36
3		5-Methyl-4-octanone	142	C9H18O	006175-51-5	36
4		Butanoic acid, (tetrahydro-2-fur...	172	C9H16O3	002217-33-6	33
5		1-Propene, 3-methoxy-2-methyl-	86	C5H10O	022418-49-1	33



Data Path : Z:\HPCHEM1\BNA G\DATA\BG092115\
Data File : BG018793.D
Acq On : 21 Sep 2015 21:49
Operator : TP
Sample : G3696-14
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AN6

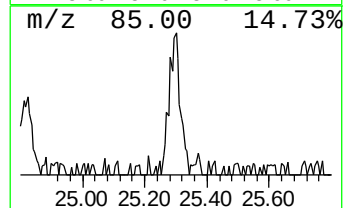
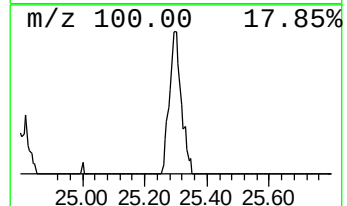
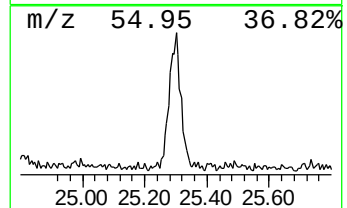
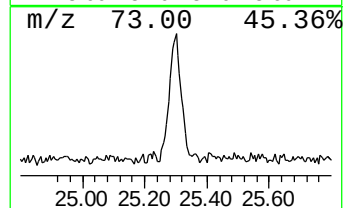
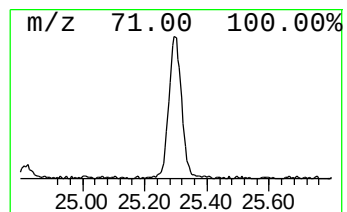
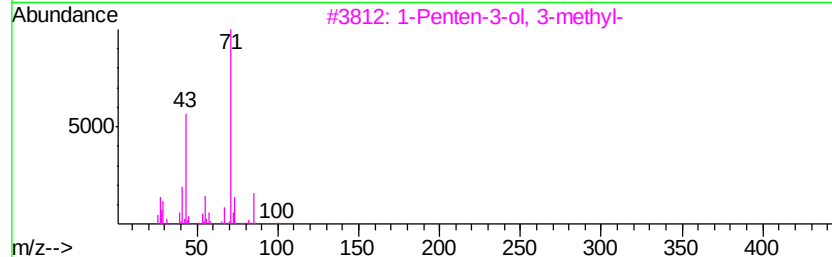
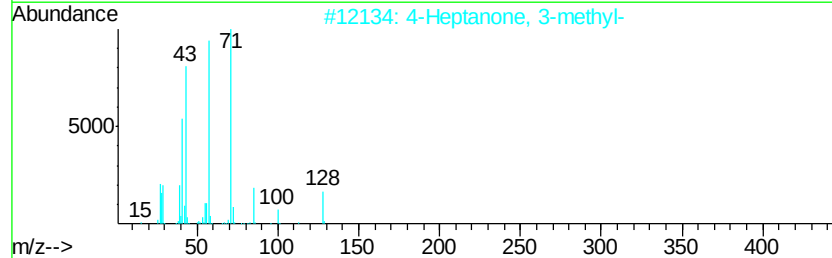
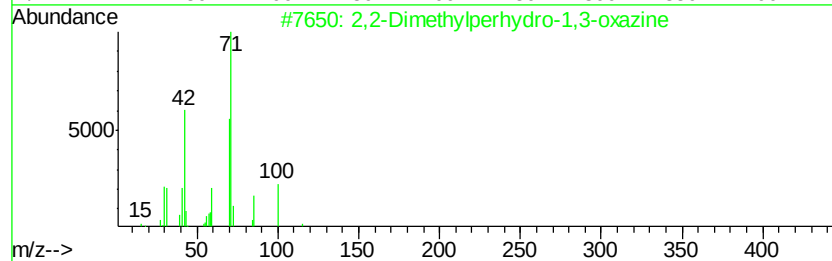
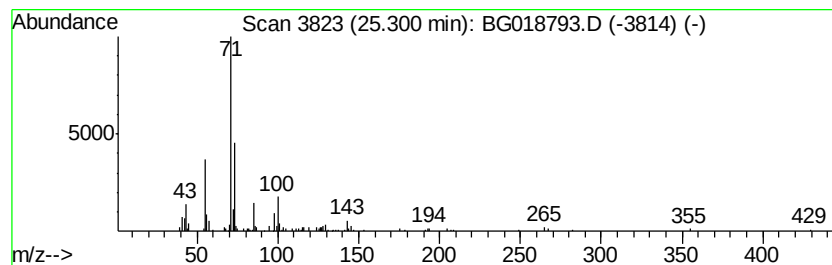
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 2,2-Dimethylperhydro-1,3-ox... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.30	2.95 ng/ul	179302	Perylene-d12	24.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,2-Dimethylperhydro-1,3-oxazine	115	C6H13NO	073155-29-0	59
2		4-Heptanone, 3-methyl-	128	C8H16O	015726-15-5	38
3		1-Penten-3-ol, 3-methyl-	100	C6H12O	000918-85-4	38
4		1-Methylcycloheptanol	128	C8H16O	003761-94-2	36
5		Butanoic acid, (tetrahydro-2-fur...	172	C9H16O3	002217-33-6	33



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092115\
Data File : BG018793.D
Acq On : 21 Sep 2015 21:49
Operator : TP
Sample : G3696-14
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AN6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.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
Amylene Hydrate	2.89	2.6	ng/ul	32829	1	8.00	253012	20.0
Butane, 2-methoxy...	3.18	71.5	ng/ul	903936	1	8.00	253012	20.0
1-Nonadecanol	19.10	5.0	ng/ul	228014	4	17.37	909334	20.0
unknown-01	21.75	2.4	ng/ul	144367	5	21.63	1198490	20.0
2,2-Dimethylperhy...	25.30	3.0	ng/ul	179302	6	24.81	1217660	20.0