

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121915\
 Data File : BG020321.D
 Acq On : 19 Dec 2015 21:05
 Operator : UM/SJ
 Sample : G4866-03
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E43L5

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-BG121415.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	3.114	42	47	56	rBV	24718	46378	4.92%	0.533%
2	3.190	56	60	66	rVV	15132	21957	2.33%	0.252%
3	3.461	101	106	111	rBV2	3599	5256	0.56%	0.060%
4	5.159	391	395	399	rBB	1107	1754	0.19%	0.020%
5	7.238	742	749	761	rBB	93031	156988	16.65%	1.803%
6	7.409	772	778	787	rBV	73804	116190	12.32%	1.334%
7	7.614	806	813	822	rBB	92256	153700	16.30%	1.765%
8	8.090	887	894	901	rVB	62190	103868	11.02%	1.193%
9	8.790	1006	1013	1024	rBV	122057	203811	21.62%	2.340%
10	9.254	1085	1092	1101	rBB	92602	161939	17.18%	1.859%
11	9.982	1209	1216	1223	rBB	83705	144785	15.36%	1.663%
12	10.517	1300	1307	1318	rVB	132408	234256	24.85%	2.690%
13	10.905	1366	1373	1381	rBV	96363	167353	17.75%	1.922%
14	11.034	1388	1395	1404	rBV	113901	210790	22.36%	2.420%
15	12.491	1637	1643	1646	rBV3	1577	2829	0.30%	0.032%
16	14.119	1912	1920	1924	rBV	280275	399332	42.36%	4.585%
17	14.166	1924	1928	1934	rVB	106683	143351	15.21%	1.646%
18	14.418	1963	1971	1979	rBV	288643	451307	47.87%	5.182%
19	14.600	1998	2002	2007	rVB2	4359	5695	0.60%	0.065%
20	14.724	2016	2023	2031	rBV2	168224	270718	28.71%	3.109%
21	14.906	2048	2054	2062	rBV	115940	180864	19.18%	2.077%
22	15.112	2084	2089	2094	rVB4	3063	5066	0.54%	0.058%
23	15.217	2102	2107	2111	rVB2	1539	2222	0.24%	0.026%
24	15.546	2158	2163	2170	rVV	10208	12769	1.35%	0.147%
25	15.711	2183	2191	2198	rVV	422999	624586	66.25%	7.172%
26	15.823	2204	2210	2216	rVV	122548	175253	18.59%	2.012%
27	15.952	2224	2232	2237	rBV4	6160	11885	1.26%	0.136%
28	16.046	2245	2248	2254	rVV3	1397	2618	0.28%	0.030%
29	16.099	2254	2257	2261	rVB	1591	2227	0.24%	0.026%
30	16.163	2267	2268	2274	rVB3	1894	1986	0.21%	0.023%
31	16.410	2304	2310	2319	rVV	12736	22113	2.35%	0.254%
32	16.751	2363	2368	2372	rBV2	1563	2653	0.28%	0.030%
33	17.197	2440	2444	2448	rBV	6156	7708	0.82%	0.089%
34	17.244	2448	2452	2458	rVB2	2338	3958	0.42%	0.045%

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35	17.332	2462	2467	2472	rBV2	4464	6971	0.74%	0.080%
36	17.403	2475	2479	2484	rBV2	2229	3418	0.36%	0.039%
37	17.468	2484	2490	2495	rBV2	238173	359843	38.17%	4.132%
38	17.509	2495	2497	2499	rVV2	3387	3425	0.36%	0.039%
39	17.567	2499	2507	2516	rVB	459097	703217	74.59%	8.075%
40	17.938	2567	2570	2577	rBV3	1875	2064	0.22%	0.024%
41	18.220	2612	2618	2624	rBV5	6076	11721	1.24%	0.135%
42	18.278	2624	2628	2631	rVV3	2746	3508	0.37%	0.040%
43	18.337	2633	2638	2645	rVV	61636	86548	9.18%	0.994%
44	18.414	2648	2651	2654	rVV3	2498	3923	0.42%	0.045%
45	18.461	2654	2659	2663	rVV2	6149	8787	0.93%	0.101%
46	18.537	2670	2672	2679	rBV3	1070	2059	0.22%	0.024%
47	18.631	2684	2688	2689	rBV2	2857	3372	0.36%	0.039%
48	18.748	2703	2708	2714	rVB3	9595	14100	1.50%	0.162%
49	18.837	2717	2723	2728	rVB	87687	115079	12.21%	1.321%
50	18.931	2735	2739	2744	rBV2	17592	22427	2.38%	0.258%
51	19.072	2759	2763	2767	rVB2	4113	4653	0.49%	0.053%
52	19.248	2789	2793	2797	rVV5	1863	2614	0.28%	0.030%
53	19.483	2826	2833	2835	rBV	8058	12229	1.30%	0.140%
54	19.512	2835	2838	2843	rVV	6048	8767	0.93%	0.101%
55	19.559	2843	2846	2849	rVB2	5363	5736	0.61%	0.066%
56	19.600	2849	2853	2861	rBV2	18325	23413	2.48%	0.269%
57	19.730	2872	2875	2880	rBV2	4702	7036	0.75%	0.081%
58	19.847	2888	2895	2906	rBV	642236	897866	95.24%	10.310%
59	20.276	2965	2968	2973	rVB2	6657	8089	0.86%	0.093%
60	20.329	2975	2977	2979	rVV3	2239	1929	0.20%	0.022%
61	20.364	2979	2983	2986	rVB4	2043	2957	0.31%	0.034%
62	20.693	3036	3039	3042	rBV4	1956	2257	0.24%	0.026%
63	20.734	3042	3046	3051	rVB6	3403	5916	0.63%	0.068%
64	20.793	3053	3056	3057	rBV3	1905	2106	0.22%	0.024%
65	20.846	3063	3065	3070	rBV5	3076	3660	0.39%	0.042%
66	20.975	3084	3087	3090	rVB	2262	2372	0.25%	0.027%
67	21.363	3147	3153	3164	rBV	51495	92662	9.83%	1.064%
68	21.439	3164	3166	3170	rVB5	2120	2348	0.25%	0.027%
69	21.739	3209	3217	3229	rVV	298535	499956	53.03%	5.741%
70	21.921	3244	3248	3254	rVV6	3569	6679	0.71%	0.077%
71	22.286	3308	3310	3314	rBV4	1903	2709	0.29%	0.031%

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72	22.532	3346	3352	3355	rBV4	10466	17929	1.90%	0.206%
73	22.662	3373	3374	3378	rVB4	1936	1855	0.20%	0.021%
74	22.791	3393	3396	3405	rVB9	8051	16752	1.78%	0.192%
75	23.231	3463	3471	3475	rBV7	9169	18761	1.99%	0.215%
76	23.431	3500	3505	3508	rVB6	4891	7566	0.80%	0.087%
77	23.496	3514	3516	3518	rBV2	1456	1830	0.19%	0.021%
78	23.584	3528	3531	3537	rBV5	2463	4871	0.52%	0.056%
79	23.872	3573	3580	3585	rBV8	4607	10070	1.07%	0.116%
80	24.048	3603	3610	3616	rBV3	12344	27334	2.90%	0.314%
81	24.107	3618	3620	3622	rBV3	2322	2973	0.32%	0.034%
82	24.224	3635	3640	3641	rBV5	1426	2048	0.22%	0.024%
83	24.342	3658	3660	3666	rBV6	2038	3626	0.38%	0.042%
84	24.788	3723	3736	3749	rBV	345224	942788	100.00%	10.826%
85	25.006	3762	3773	3784	rVV2	176141	487040	51.66%	5.592%
86	26.157	3961	3969	3982	rVB5	13365	42874	4.55%	0.492%
87	26.287	3984	3991	3996	rBV10	3526	9788	1.04%	0.112%
88	27.004	4111	4113	4116	rBV4	1499	1679	0.18%	0.019%
89	27.526	4190	4202	4213	rBV4	13285	48877	5.18%	0.561%
90	27.632	4218	4220	4223	rVV3	1771	1804	0.19%	0.021%
91	29.189	4477	4485	4486	rBV6	7491	15202	1.61%	0.175%
92	30.223	4659	4661	4666	rBV5	1079	1757	0.19%	0.020%
93	30.576	4713	4721	4725	rBV6	4375	12014	1.27%	0.138%
94	30.611	4725	4727	4731	rVB4	3641	4357	0.46%	0.050%
95	30.922	4778	4780	4784	rBV4	1461	1788	0.19%	0.021%
96	31.128	4812	4815	4816	rBV2	2371	2430	0.26%	0.028%
97	31.181	4817	4824	4825	rBV6	6175	10641	1.13%	0.122%
98	31.628	4897	4900	4902	rBV	1573	1887	0.20%	0.022%
99	31.774	4922	4925	4928	rVB3	1781	2043	0.22%	0.023%
100	31.974	4957	4959	4963	rVB4	1446	1692	0.18%	0.019%

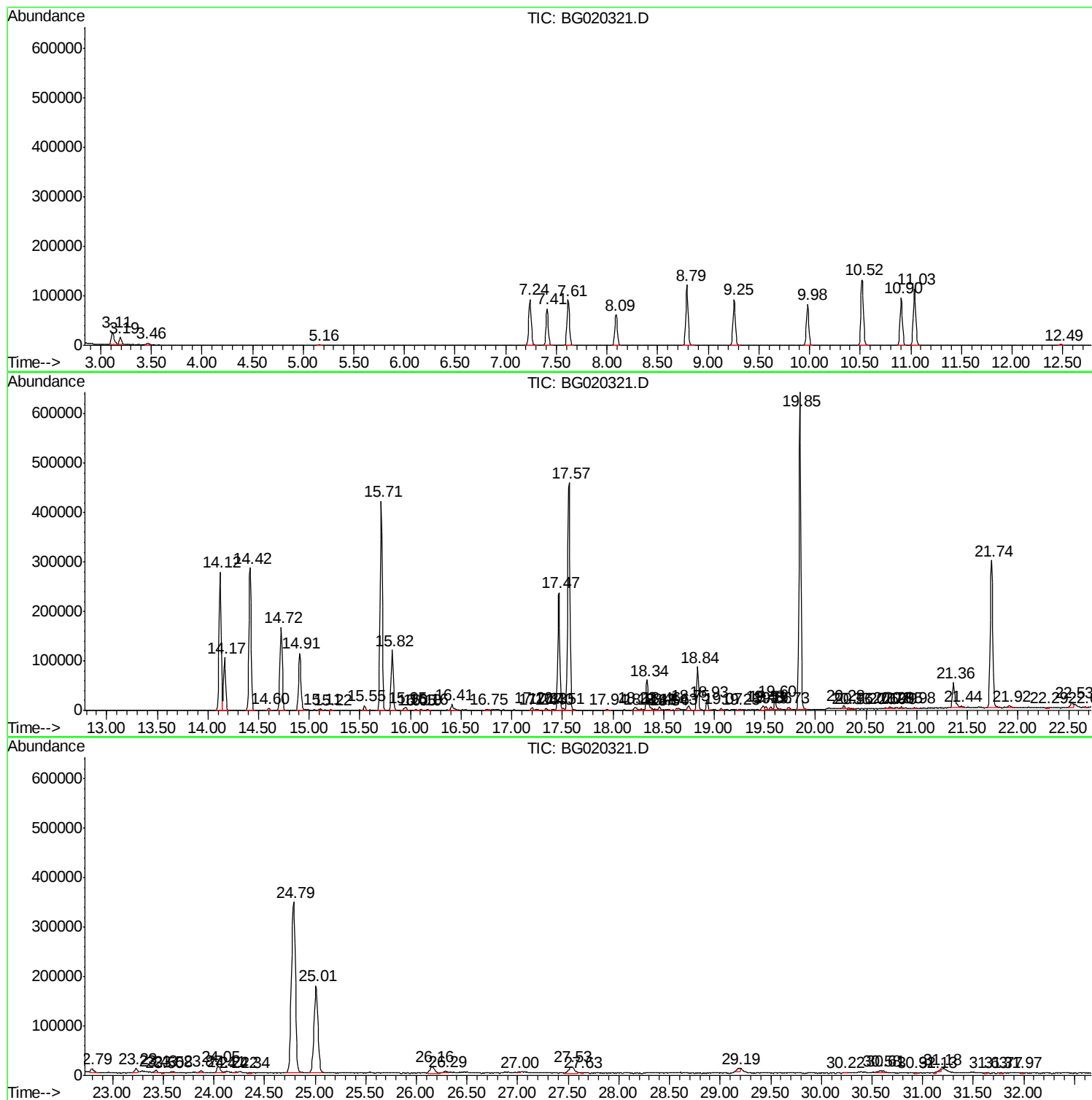
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

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



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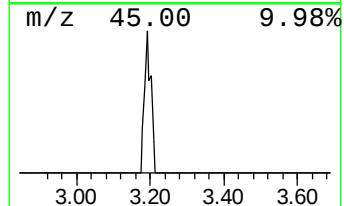
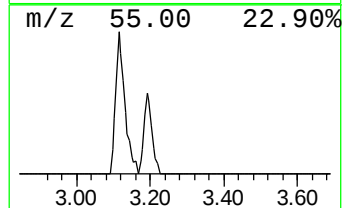
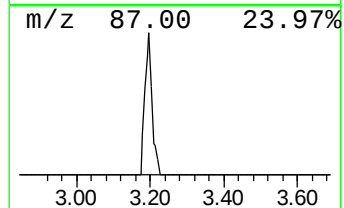
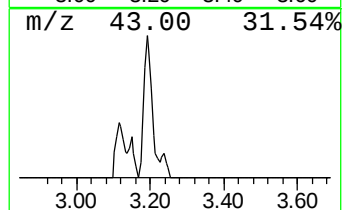
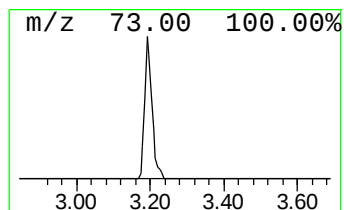
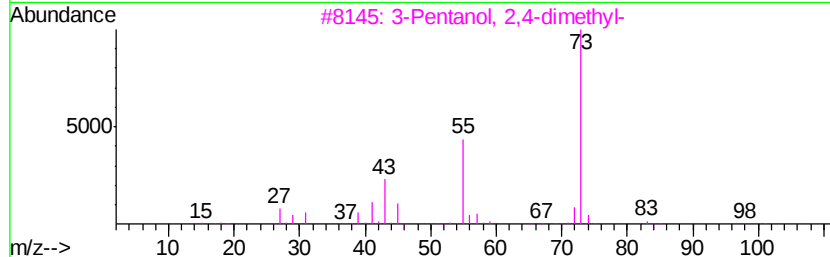
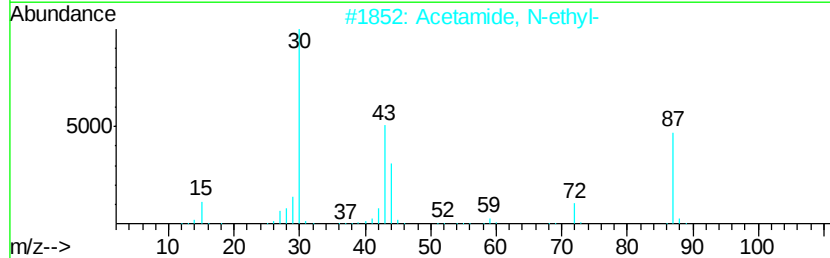
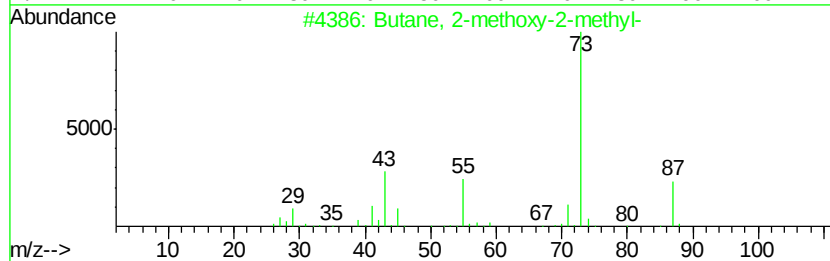
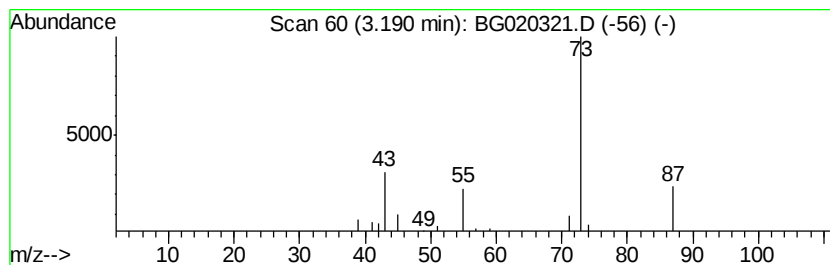
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

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.
3.19	4.23 ng/ul	21957	1,4-Dichlorobenzene-d4	8.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
3		3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	9
4		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	9
5		Acetic acid, 3-[1,3]dioxolan-2-y...	174	C8H14O4	1000186-02-3	9



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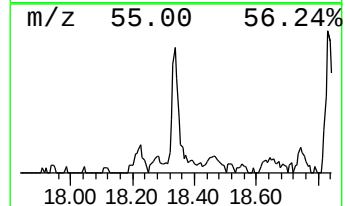
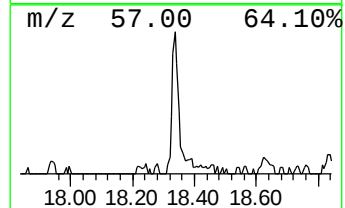
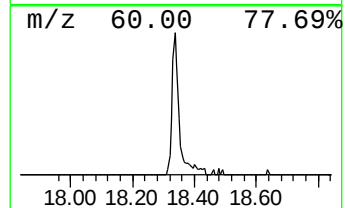
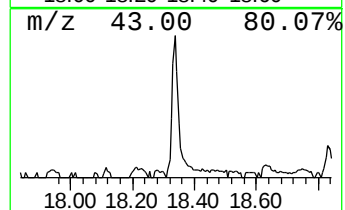
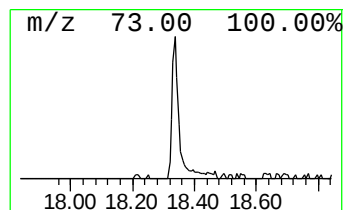
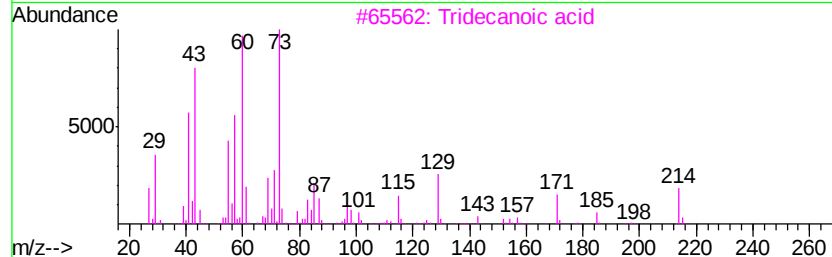
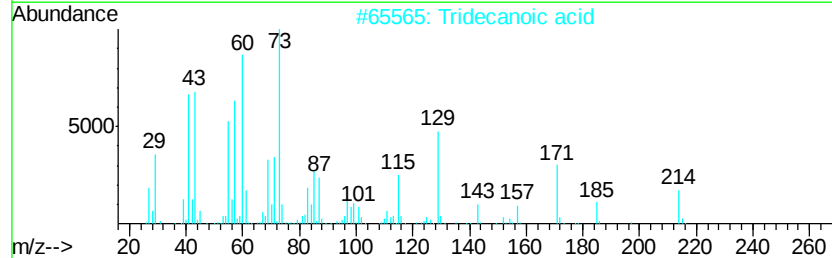
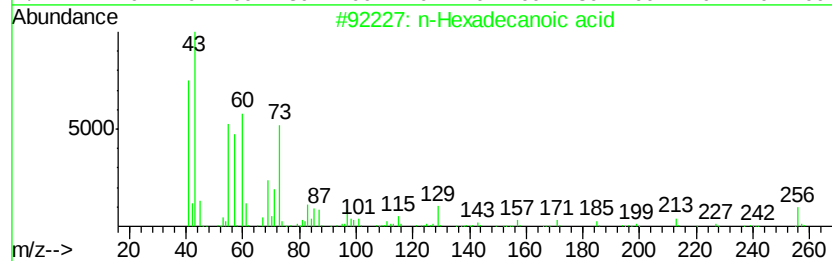
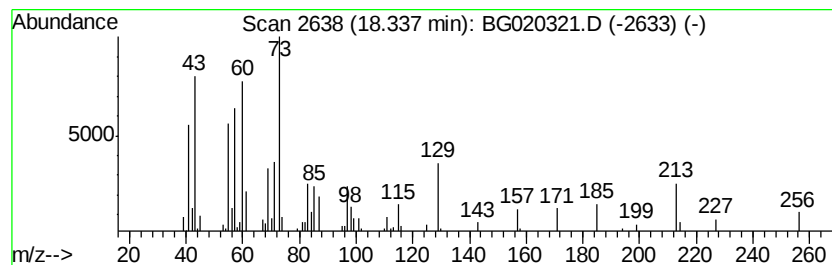
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.34	4.81 ng/ul	86548	Phenanthrene-d10	17.47

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		Tridecanoic acid	214	C13H26O2	000638-53-9	94
3		Tridecanoic acid	214	C13H26O2	000638-53-9	76
4		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	72
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	72



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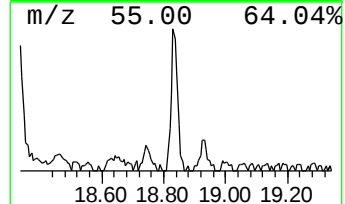
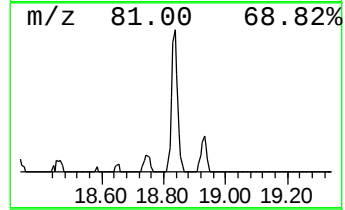
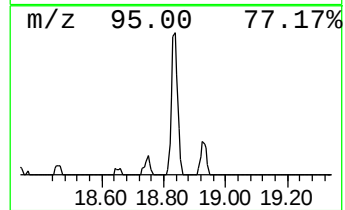
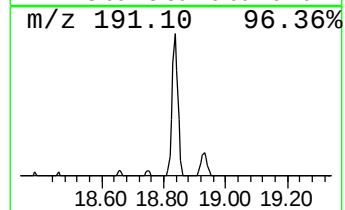
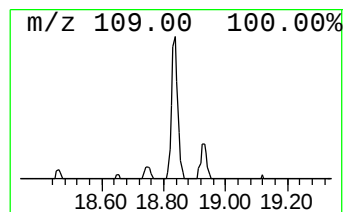
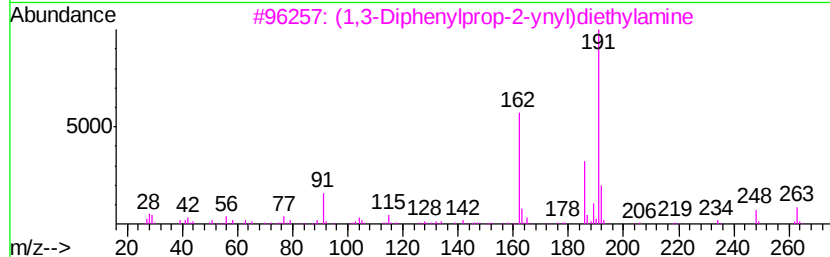
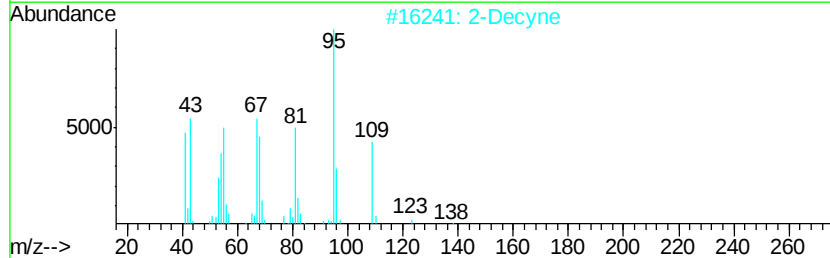
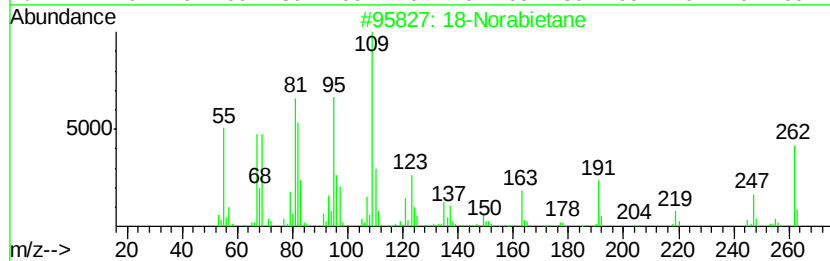
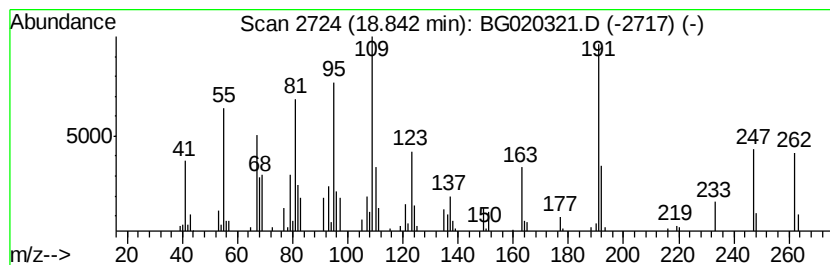
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 18-Norabietane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.84	6.40 ng/ul	115079	Phenanthrene-d10	17.47

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	18-Norabietane		262	C19H34	1000293-16-6	92
2	2-Decyne		138	C10H18	002384-70-5	14
3	(1,3-Diphenylprop-2-ynyl)diethyl...		263	C19H21N	1000188-31-2	11
4	5,5-Dimethyl-1,3-hexadiene		110	C8H14	001515-79-3	11
5	Amiphenazole		191	C9H9N3S	000490-55-1	11



Data Path : Z:\HPCHEM1\BNA G\DATA\BG121915\
Data File : BG020321.D
Acq On : 19 Dec 2015 21:05
Operator : UM/SJ
Sample : G4866-03
Misc :
ALS Vial : 51 Sample Multiplier: 1

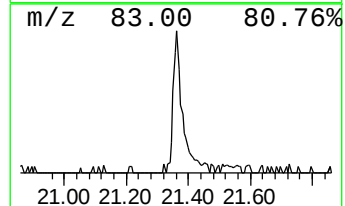
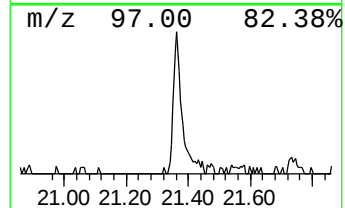
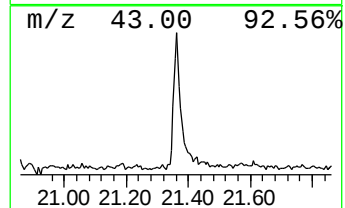
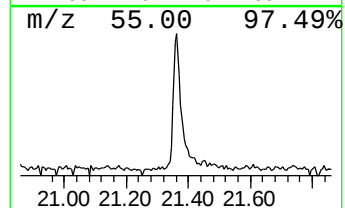
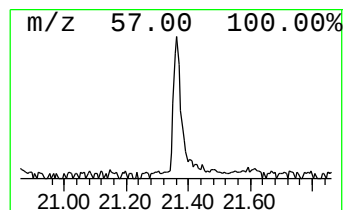
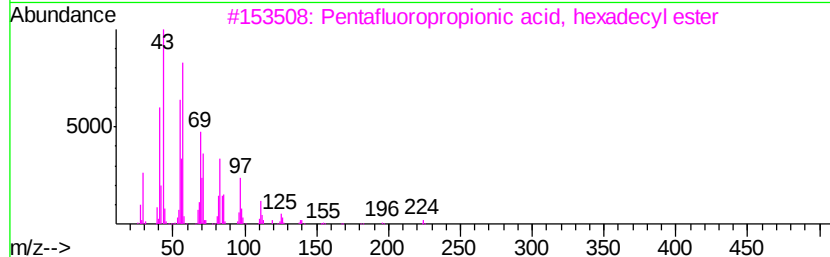
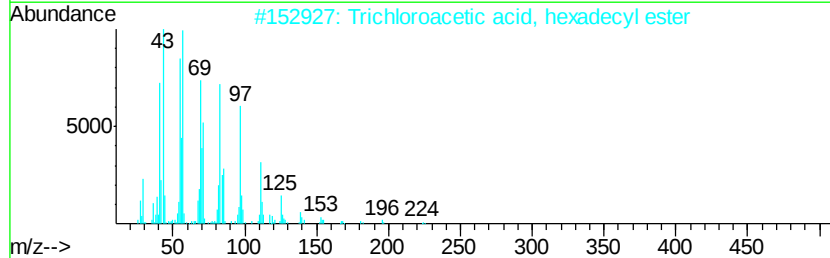
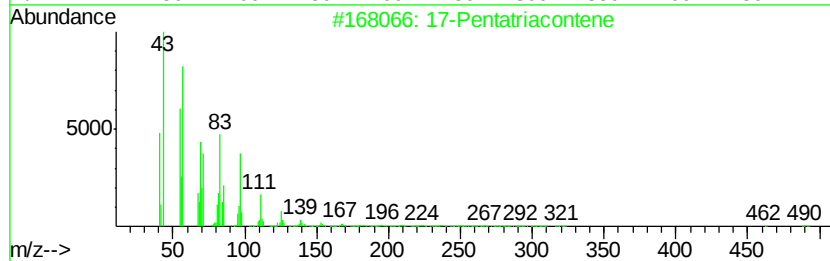
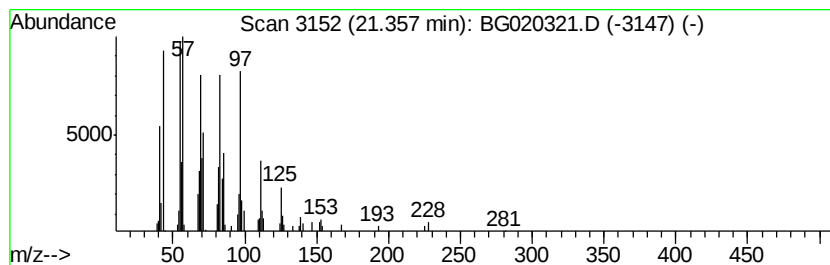
Instrument :
BNA_G
ClientSampleId :
E43L5

Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Cyclic21.36 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.36	3.71 ng/ul	92662	Chrysene-d12	21.74	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	17-Pentatriacontene	491	C35H70	006971-40-0	87
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	81
3	Pentafluoropropionic acid, hexadecyl ...	388	C19H33F5O2	006222-07-7	80
4	Trifluoroacetic acid, n-heptadecyl ...	324	C17H31F3O2	1000216-79-2	72
5	Pentafluoropropionic acid, octadecyl ...	416	C21H37F5O2	1000280-07-7	72



Data Path : Z:\HPCHEM1\BNA G\DATA\BG121915\
Data File : BG020321.D
Acq On : 19 Dec 2015 21:05
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Sample : G4866-03
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E43L5

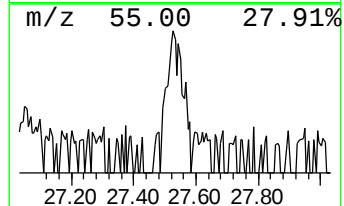
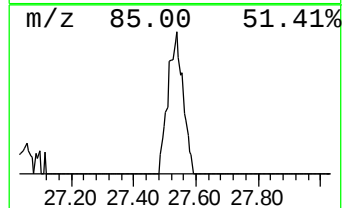
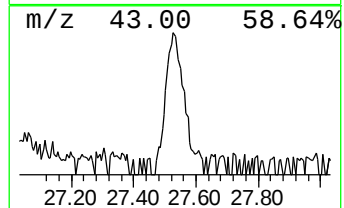
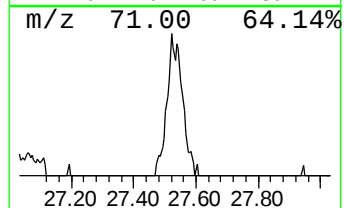
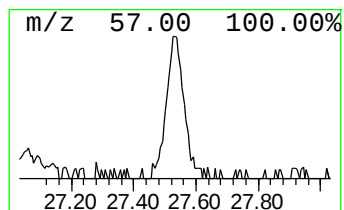
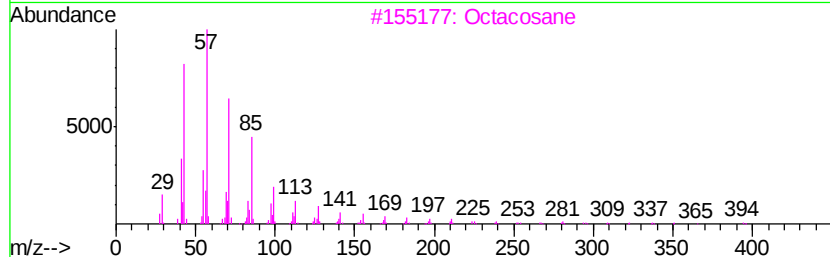
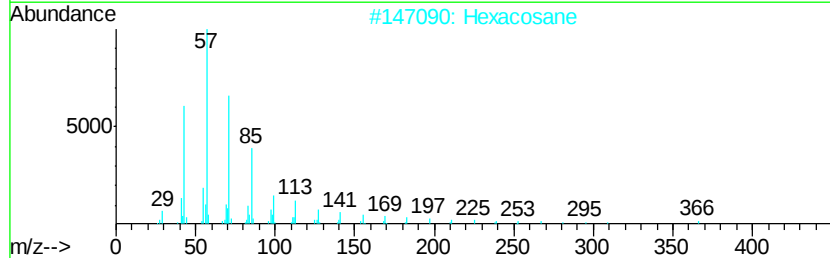
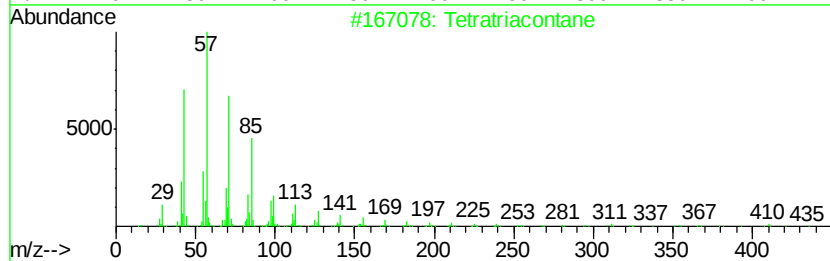
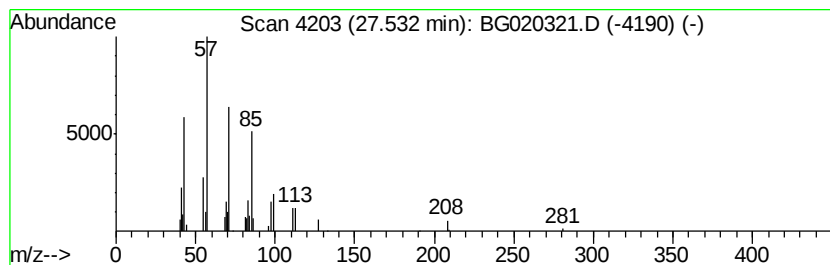
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.53	2.01 ng/ul	48877	Perylene-d12	25.01

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetratriacontane	479	C34H70	014167-59-0	80
2			Hexacosane	366	C26H54	000630-01-3	72
3			Octacosane	394	C28H58	000630-02-4	72
4			Nonacosane	408	C29H60	000630-03-5	64
5			Hentriacontane	437	C31H64	000630-04-6	64



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121915\
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Acq On : 19 Dec 2015 21:05
Operator : UM/SJ
Sample : G4866-03
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E43L5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.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...	3.19	4.2	ng/ul	21957	1	8.09	103868	20.0
n-Hexadecanoic acid	18.34	4.8	ng/ul	86548	4	17.47	359843	20.0
18-Norabietane	18.84	6.4	ng/ul	115079	4	17.47	359843	20.0
(DEL) Alkane: Cyc...	21.36	3.7	ng/ul	92662	5	21.74	499956	20.0
(DEL) Alkane: Str...	27.53	2.0	ng/ul	48877	6	25.01	487040	20.0