

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111615\
 Data File : BG019655.D
 Acq On : 17 Nov 2015 4:14
 Operator : UM/NP
 Sample : G4323-12
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4HW3

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-BG111615.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	3.086	37	42	51	rBV2	29099	50873	4.75%	0.436%
2	3.162	51	55	66	rVB	193209	275685	25.76%	2.361%
3	3.450	99	104	106	rBV4	5290	6954	0.65%	0.060%
4	3.738	149	153	155	rBV	2879	4091	0.38%	0.035%
5	4.461	274	276	281	rVB3	1873	1927	0.18%	0.017%
6	5.184	395	399	402	rVB2	1647	1946	0.18%	0.017%
7	6.323	588	593	596	rBV2	925	1818	0.17%	0.016%
8	7.293	751	758	768	rBV	112978	193427	18.07%	1.656%
9	7.463	780	787	795	rVB	92437	149221	13.94%	1.278%
10	7.675	816	823	833	rVB	101974	170374	15.92%	1.459%
11	8.151	897	904	910	rVB	88660	152089	14.21%	1.302%
12	8.856	1017	1024	1031	rBV	115510	199324	18.63%	1.707%
13	9.320	1095	1103	1112	rBB	116958	207733	19.41%	1.779%
14	9.437	1115	1123	1127	rBV4	2439	4864	0.45%	0.042%
15	10.048	1212	1227	1234	rBV2	106247	191913	17.93%	1.643%
16	10.589	1313	1319	1326	rVB2	141466	247332	23.11%	2.118%
17	10.977	1378	1385	1394	rVB	138494	240765	22.50%	2.062%
18	11.106	1401	1407	1415	rBV	114248	213422	19.94%	1.828%
19	12.551	1649	1653	1660	rVB	2540	3117	0.29%	0.027%
20	13.133	1749	1752	1756	rBV	1949	2436	0.23%	0.021%
21	13.386	1791	1795	1798	rBV	3218	4039	0.38%	0.035%
22	13.591	1825	1830	1832	rBV	1721	1850	0.17%	0.016%
23	13.662	1839	1842	1844	rBV	1345	1484	0.14%	0.013%
24	14.179	1924	1930	1934	rBV	362032	515741	48.19%	4.416%
25	14.226	1934	1938	1944	rVB	253030	345571	32.29%	2.959%
26	14.479	1974	1981	1988	rBV	336183	505249	47.21%	4.327%
27	14.655	2006	2011	2015	rBV2	5866	7489	0.70%	0.064%
28	14.784	2026	2033	2042	rVB2	279590	434460	40.60%	3.720%
29	14.966	2058	2064	2077	rBV	186886	289041	27.01%	2.475%
30	15.266	2113	2115	2120	rVB2	1420	2205	0.21%	0.019%
31	15.554	2159	2164	2168	rBV	5103	7604	0.71%	0.065%
32	15.601	2168	2172	2176	rVB	10268	13188	1.23%	0.113%
33	15.771	2194	2201	2209	rVB	476175	709510	66.30%	6.076%
34	15.877	2214	2219	2229	rBV	186442	276943	25.88%	2.372%

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35	16.006	2233	2241	2245	rBV3	7912	12214	1.14%	0.105%
36	16.130	2257	2262	2268	rVB2	44781	60001	5.61%	0.514%
37	16.218	2275	2277	2280	rVB3	1674	1848	0.17%	0.016%
38	16.412	2307	2310	2313	rBV2	1678	2116	0.20%	0.018%
39	16.459	2313	2318	2326	rVV2	14210	25766	2.41%	0.221%
40	16.641	2344	2349	2354	rVB3	3639	5599	0.52%	0.048%
41	16.723	2360	2363	2370	rVB4	1705	3184	0.30%	0.027%
42	16.799	2373	2376	2380	rBV4	1836	3186	0.30%	0.027%
43	16.858	2383	2386	2389	rBV3	1712	2224	0.21%	0.019%
44	16.893	2389	2392	2395	rBV2	2855	3126	0.29%	0.027%
45	16.964	2400	2404	2407	rBV3	4458	5817	0.54%	0.050%
46	17.252	2449	2453	2457	rBV2	16793	20992	1.96%	0.180%
47	17.305	2458	2462	2466	rVB3	5228	7466	0.70%	0.064%
48	17.522	2492	2499	2505	rBV	442549	669051	62.52%	5.729%
49	17.622	2510	2516	2524	rVB2	614521	899446	84.05%	7.702%
50	17.786	2541	2544	2549	rVB5	2588	3751	0.35%	0.032%
51	17.857	2554	2556	2558	rBV3	2408	2028	0.19%	0.017%
52	17.986	2571	2578	2583	rBV	22179	27691	2.59%	0.237%
53	18.292	2626	2630	2635	rVB4	5768	8828	0.82%	0.076%
54	18.333	2635	2637	2640	rVB2	1694	1791	0.17%	0.015%
55	18.380	2641	2645	2651	rBV3	24177	33448	3.13%	0.286%
56	18.585	2678	2680	2685	rBV6	2765	3445	0.32%	0.030%
57	18.674	2690	2695	2703	rBV2	12202	17748	1.66%	0.152%
58	18.903	2727	2734	2737	rBV3	3739	5822	0.54%	0.050%
59	19.003	2750	2751	2756	rVB2	1809	2122	0.20%	0.018%
60	19.232	2787	2790	2795	rBV5	4293	6653	0.62%	0.057%
61	19.296	2799	2801	2804	rVB3	3372	3150	0.29%	0.027%
62	19.420	2820	2822	2826	rVB2	1619	1927	0.18%	0.017%
63	19.455	2826	2828	2831	rBV2	2024	2174	0.20%	0.019%
64	19.531	2838	2841	2848	rVB2	7125	10642	0.99%	0.091%
65	19.643	2858	2860	2864	rBV4	2612	3208	0.30%	0.027%
66	19.702	2868	2870	2873	rBV3	2278	2609	0.24%	0.022%
67	19.784	2880	2884	2890	rVB	7801	13198	1.23%	0.113%
68	19.896	2896	2903	2912	rBV	774523	1070182	100.00%	9.164%
69	20.031	2924	2926	2928	rBV2	2532	1641	0.15%	0.014%
70	20.313	2971	2974	2975	rBV2	2075	1974	0.18%	0.017%
71	20.366	2981	2983	2987	rVB4	3254	3532	0.33%	0.030%

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72	20.777	3050	3053	3059	rVB5	10296	13296	1.24%	0.114%
73	20.871	3067	3069	3070	rBV2	3176	1871	0.17%	0.016%
74	21.141	3113	3115	3117	rBV3	2116	1573	0.15%	0.013%
75	21.400	3153	3159	3168	rBV	112891	174816	16.34%	1.497%
76	21.641	3198	3200	3202	rBV	2781	2132	0.20%	0.018%
77	21.794	3219	3226	3233	rVB	570856	929678	86.87%	7.961%
78	23.215	3466	3468	3469	rBV2	4051	2358	0.22%	0.020%
79	23.462	3508	3510	3512	rVB2	3728	2280	0.21%	0.020%
80	24.120	3617	3622	3627	rVB6	14684	28998	2.71%	0.248%
81	24.878	3741	3751	3766	rVB	381534	1045318	97.68%	8.951%
82	25.107	3780	3790	3803	rVB2	320353	919811	85.95%	7.877%
83	25.724	3893	3895	3896	rBV2	3104	1675	0.16%	0.014%
84	26.259	3980	3986	3998	rVB8	18974	57873	5.41%	0.496%
85	26.406	4003	4011	4016	rBV8	10929	35012	3.27%	0.300%
86	26.870	4088	4090	4092	rBV3	3089	2400	0.22%	0.021%
87	26.893	4092	4094	4096	rBV3	2736	1869	0.17%	0.016%
88	27.322	4165	4167	4170	rBV2	2929	2539	0.24%	0.022%
89	27.669	4215	4226	4235	rBV9	15046	59752	5.58%	0.512%
90	29.314	4504	4506	4507	rBV2	4435	3093	0.29%	0.026%
91	31.265	4836	4838	4840	rBV3	2481	1611	0.15%	0.014%
92	31.841	4934	4936	4938	rBV3	3024	2165	0.20%	0.019%
93	32.393	5028	5030	5032	rBV3	2546	2562	0.24%	0.022%
94	32.622	5067	5069	5071	rBV2	2488	1778	0.17%	0.015%

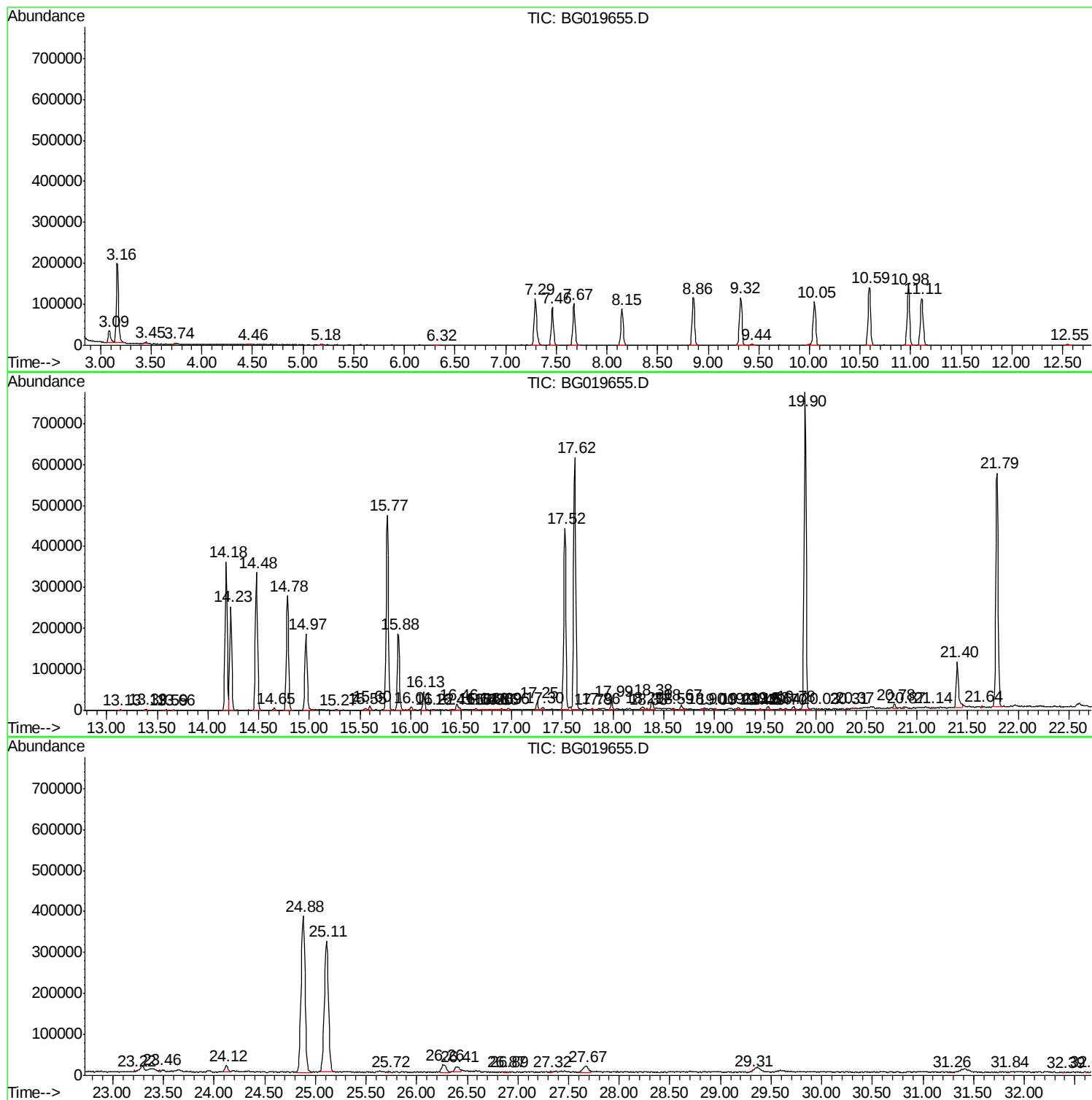
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111615.M
Quant Title : SVOA CALIBRATION

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



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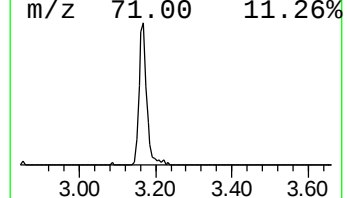
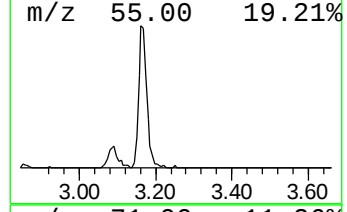
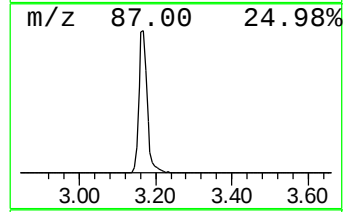
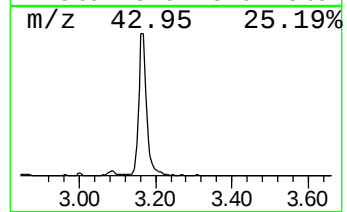
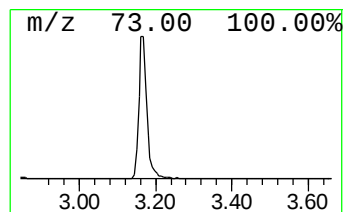
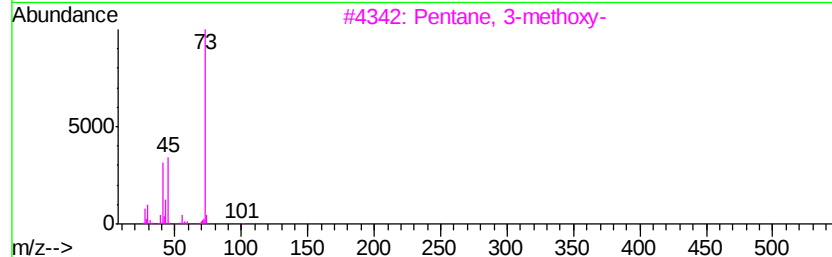
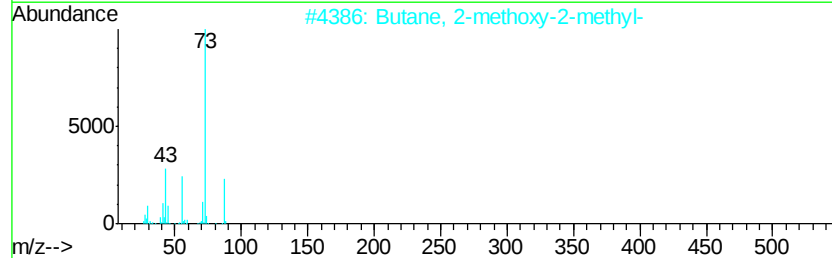
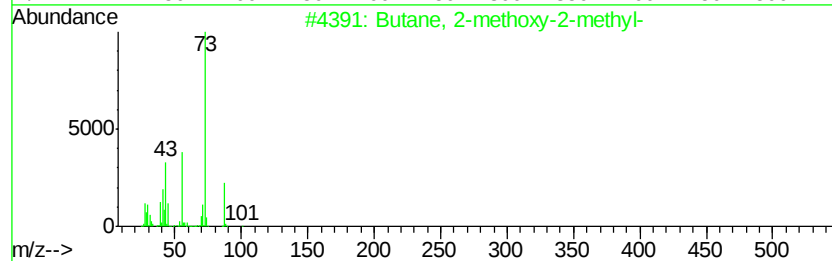
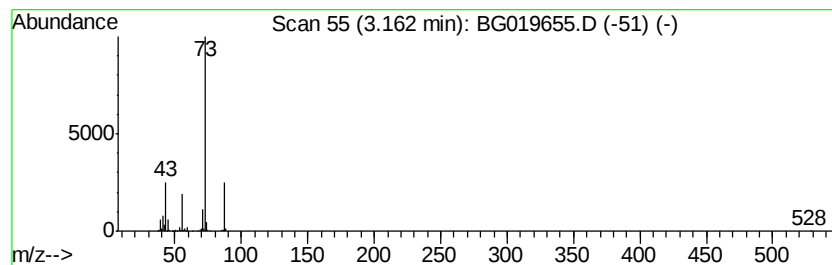
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111615.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.16	36.25 ng/ul	275685	1,4-Dichlorobenzene-d4	8.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	50
3		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5		N-Ethylformamide	73	C3H7NO	000627-45-2	9



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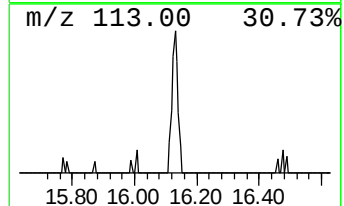
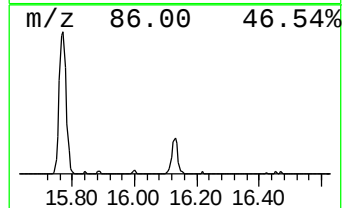
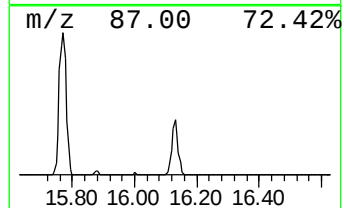
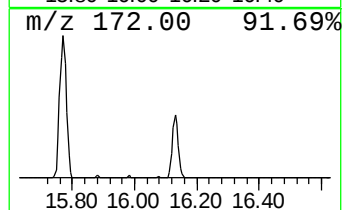
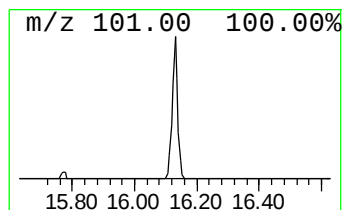
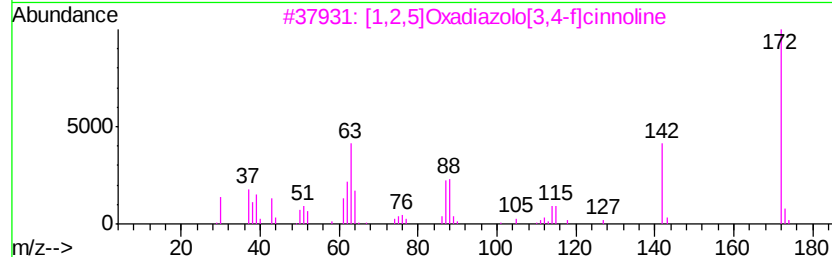
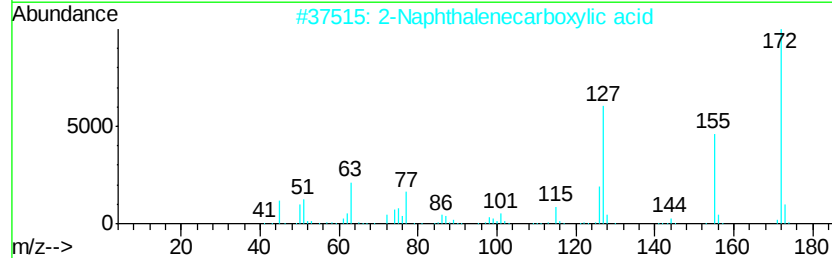
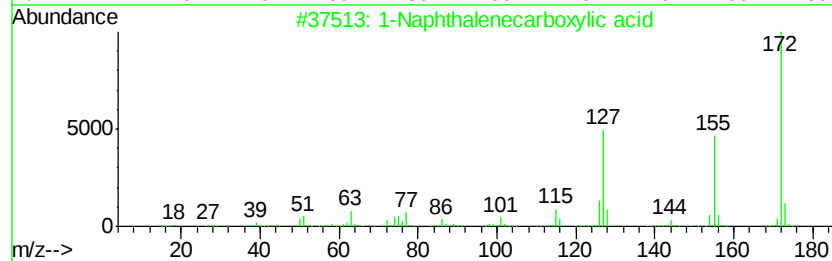
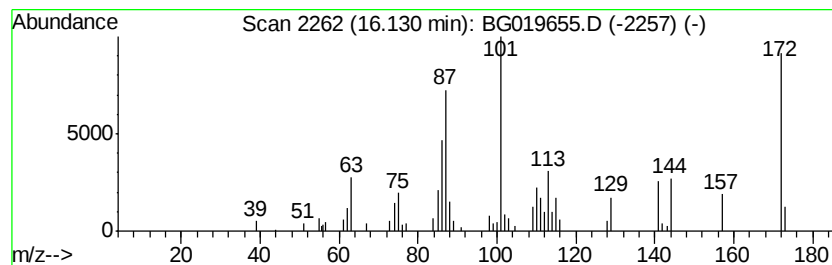
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111615.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.13	2.76 ng/ul	60001	Acenaphthene-d10	14.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Naphthalenecarboxylic acid	172	C11H8O2	000086-55-5	14
2		2-Naphthalenecarboxylic acid	172	C11H8O2	000093-09-4	14
3		[1,2,5]Oxadiazolo[3,4-f]cinnoline	172	C8H4N4O	217491-04-8	14
4		Formamide, N,N-diethyl-	101	C5H11NO	000617-84-5	14
5		Formamide, N,N-diethyl-	101	C5H11NO	000617-84-5	14



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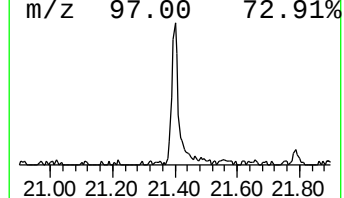
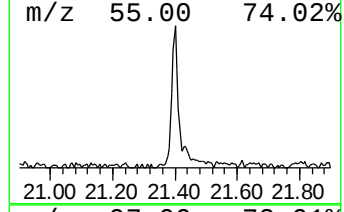
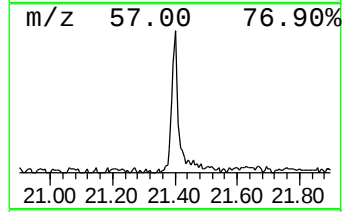
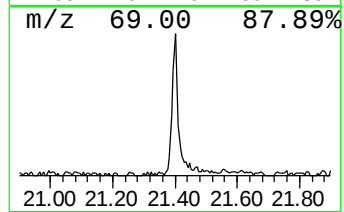
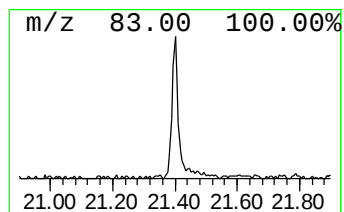
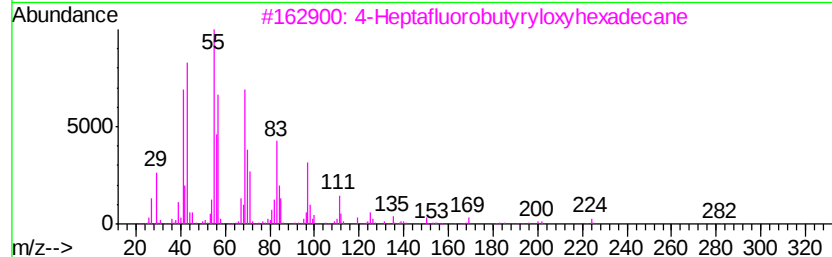
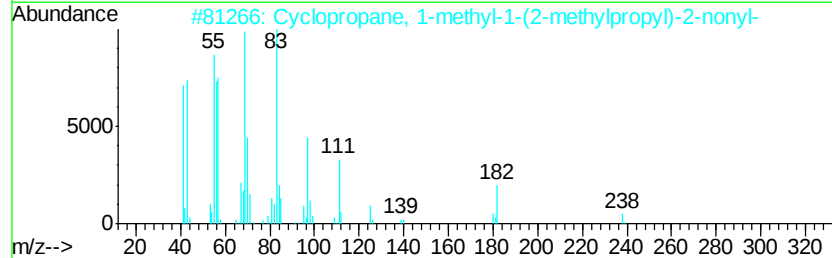
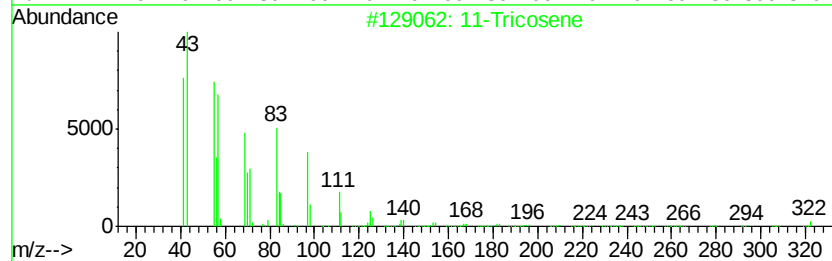
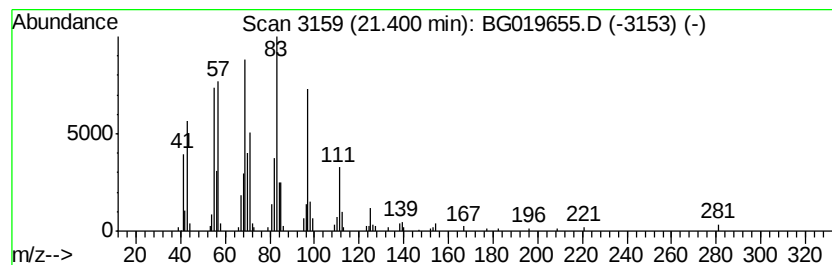
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 (DEL) Alkane: Cyclic21.40 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.40	3.76 ng/ul	174816	Chrysene-d12	21.79

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11-Tricosene	322	C23H46	052078-56-5	90
2			Cyclopropane, 1-methyl-1-(2-meth...	238	C17H34	041977-41-7	80
3			4-Heptafluorobutyryloxyhexadecane	438	C20H33F7O2	1000282-97-2	72
4			1-Hexadecanol	242	C16H34O	036653-82-4	72
5			3-Octadecene, (E)-	252	C18H36	007206-19-1	72



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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111615.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...	3.16	36.3	ng/ul	275685	1	8.14	152089	20.0
unknown-01	16.13	2.8	ng/ul	60001	3	14.78	434460	20.0
(DEL) Alkane: Cyc...	21.40	3.8	ng/ul	174816	5	21.79	929678	20.0