

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080719\
 Data File : BG042042.D
 Acq On : 7 Aug 2019 22:04
 Operator : HP/JU
 Sample : K4028-20
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BENW3

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:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.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	3.144	5	9	35	rVB	1324919	2171049	100.00%	11.177%
2	3.414	51	55	58	rVB4	6521	9751	0.45%	0.050%
3	3.561	78	80	83	rVB2	2500	2548	0.12%	0.013%
4	3.943	141	145	152	rVB5	3380	6793	0.31%	0.035%
5	4.078	161	168	174	rBV2	10178	19086	0.88%	0.098%
6	4.172	181	184	189	rVB4	3600	5974	0.28%	0.031%
7	5.100	338	342	347	rVB2	3219	4840	0.22%	0.025%
8	7.174	688	695	707	rBV	134993	261604	12.05%	1.347%
9	7.345	717	724	734	rBV	107338	193942	8.93%	0.998%
10	7.556	753	760	770	rBV	155134	277794	12.80%	1.430%
11	8.026	831	840	850	rBV	247767	422775	19.47%	2.177%
12	8.731	952	960	973	rBV	139843	270188	12.45%	1.391%
13	8.855	976	981	987	rVB5	3472	7947	0.37%	0.041%
14	9.190	1031	1038	1049	rBV	143221	267433	12.32%	1.377%
15	9.360	1064	1067	1072	rVB4	1968	2424	0.11%	0.012%
16	9.636	1111	1114	1121	rBV5	2199	3140	0.14%	0.016%
17	9.924	1155	1163	1171	rBV	122488	233914	10.77%	1.204%
18	10.464	1248	1255	1277	rVV	197273	386631	17.81%	1.991%
19	10.852	1311	1321	1333	rBV	353493	639873	29.47%	3.294%
20	10.982	1335	1343	1358	rVV2	142109	301986	13.91%	1.555%
21	12.439	1586	1591	1593	rBV	2594	3514	0.16%	0.018%
22	13.296	1732	1737	1742	rBV4	2399	4336	0.20%	0.022%
23	13.578	1780	1785	1789	rVB3	3768	4627	0.21%	0.024%
24	13.837	1823	1829	1831	rBV4	1846	3857	0.18%	0.020%
25	14.007	1855	1858	1863	rVB3	2339	2675	0.12%	0.014%
26	14.084	1865	1871	1875	rVV	460209	653896	30.12%	3.367%
27	14.131	1875	1879	1886	rVB	186227	272924	12.57%	1.405%
28	14.378	1914	1921	1934	rVB	510534	829114	38.19%	4.269%
29	14.683	1965	1973	1982	rBV	604125	957971	44.12%	4.932%
30	14.818	1991	1996	1997	rBV2	1957	2501	0.12%	0.013%
31	14.871	1999	2005	2015	rBV2	65834	143170	6.59%	0.737%
32	15.094	2039	2043	2050	rVB5	17030	27744	1.28%	0.143%
33	15.200	2056	2061	2070	rVV2	3966	8472	0.39%	0.044%
34	15.488	2104	2110	2115	rBV3	5562	8911	0.41%	0.046%

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35	15.535	2115	2118	2122	rVB3	2495	3532	0.16%	0.018%
36	15.682	2133	2143	2150	rBV	691236	1066826	49.14%	5.492%
37	15.735	2150	2152	2156	rVV	3812	3896	0.18%	0.020%
38	15.794	2156	2162	2174	rVV	110996	182459	8.40%	0.939%
39	15.917	2180	2183	2192	rVB5	6967	12245	0.56%	0.063%
40	16.034	2199	2203	2208	rVB5	2117	3722	0.17%	0.019%
41	16.405	2262	2266	2270	rBV2	3099	5035	0.23%	0.026%
42	16.469	2273	2277	2282	rVB4	3399	5459	0.25%	0.028%
43	16.675	2311	2312	2316	rBV3	2101	2601	0.12%	0.013%
44	16.751	2321	2325	2328	rVV2	1814	2827	0.13%	0.015%
45	16.792	2328	2332	2339	rVB4	1175	2196	0.10%	0.011%
46	16.851	2339	2342	2344	rBV2	2680	2484	0.11%	0.013%
47	16.980	2360	2364	2367	rVB3	2179	2466	0.11%	0.013%
48	17.039	2372	2374	2380	rVB6	1513	2623	0.12%	0.014%
49	17.139	2387	2391	2396	rVB7	11821	15528	0.72%	0.080%
50	17.192	2398	2400	2402	rBV2	3346	3384	0.16%	0.017%
51	17.257	2409	2411	2416	rVB4	2659	3665	0.17%	0.019%
52	17.356	2422	2428	2430	rBV5	6253	8014	0.37%	0.041%
53	17.439	2435	2442	2447	rVV	759401	1183220	54.50%	6.092%
54	17.480	2447	2449	2453	rVV	37546	46679	2.15%	0.240%
55	17.539	2453	2459	2470	rVV	743888	1171435	53.96%	6.031%
56	17.627	2470	2474	2478	rVB7	5474	8607	0.40%	0.044%
57	17.721	2487	2490	2493	rBV3	3159	3389	0.16%	0.017%
58	17.815	2501	2506	2507	rBV4	4180	5093	0.23%	0.026%
59	17.938	2526	2527	2530	rVB3	3183	2372	0.11%	0.012%
60	18.108	2551	2556	2562	rBV7	3248	5831	0.27%	0.030%
61	18.167	2564	2566	2570	rBV4	1790	2362	0.11%	0.012%
62	18.220	2570	2575	2577	rBV5	6259	9523	0.44%	0.049%
63	18.273	2580	2584	2589	rBV5	10038	23245	1.07%	0.120%
64	18.332	2589	2594	2604	rVV4	56130	117471	5.41%	0.605%
65	18.449	2610	2614	2617	rBV5	4676	7505	0.35%	0.039%
66	18.514	2619	2625	2630	rVV5	12448	26664	1.23%	0.137%
67	18.549	2630	2631	2636	rVB4	6652	5587	0.26%	0.029%
68	18.626	2641	2644	2648	rBV5	4730	7715	0.36%	0.040%
69	18.702	2656	2657	2661	rVB4	3365	2939	0.14%	0.015%
70	18.814	2672	2676	2680	rBV2	8102	12683	0.58%	0.065%
71	19.231	2744	2747	2750	rBV3	10006	13409	0.62%	0.069%

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72	19.260	2750	2752	2757	rVB3	14095	15095	0.70%	0.078%
73	19.366	2766	2770	2772	rBV5	7298	10394	0.48%	0.054%
74	19.454	2783	2785	2786	rBV2	8718	7025	0.32%	0.036%
75	19.489	2786	2791	2798	rVB	104504	149996	6.91%	0.772%
76	19.607	2805	2811	2812	rBV5	9004	15121	0.70%	0.078%
77	19.712	2827	2829	2832	rBV3	6545	6259	0.29%	0.032%
78	19.824	2842	2848	2860	rBV	1050507	1614671	74.37%	8.313%
79	20.047	2877	2886	2890	rBV2	19801	43066	1.98%	0.222%
80	20.177	2904	2908	2915	rBV6	11462	29610	1.36%	0.152%
81	20.341	2934	2936	2944	rVB3	21330	40840	1.88%	0.210%
82	20.441	2951	2953	2958	rBV3	12188	17702	0.82%	0.091%
83	21.363	3106	3110	3121	rBV4	83931	168871	7.78%	0.869%
84	21.722	3163	3171	3176	rBV2	773383	1415095	65.18%	7.285%
85	21.928	3202	3206	3212	rBV7	24442	39741	1.83%	0.205%
86	23.255	3429	3432	3438	rVB2	38796	64574	2.97%	0.332%
87	23.455	3460	3466	3473	rVB	69794	145215	6.69%	0.748%
88	23.949	3543	3550	3558	rBV3	41050	136033	6.27%	0.700%
89	24.084	3568	3573	3579	rVB3	55319	105195	4.85%	0.542%
90	24.759	3679	3688	3698	rBV	541321	1424521	65.61%	7.334%
91	24.983	3717	3726	3735	rBV2	471145	1382901	63.70%	7.120%
92	25.870	3875	3877	3880	rBV4	10537	11197	0.52%	0.058%
93	26.211	3928	3935	3946	rBV4	41865	138167	6.36%	0.711%
94	27.603	4164	4172	4173	rBV6	22473	44092	2.03%	0.227%

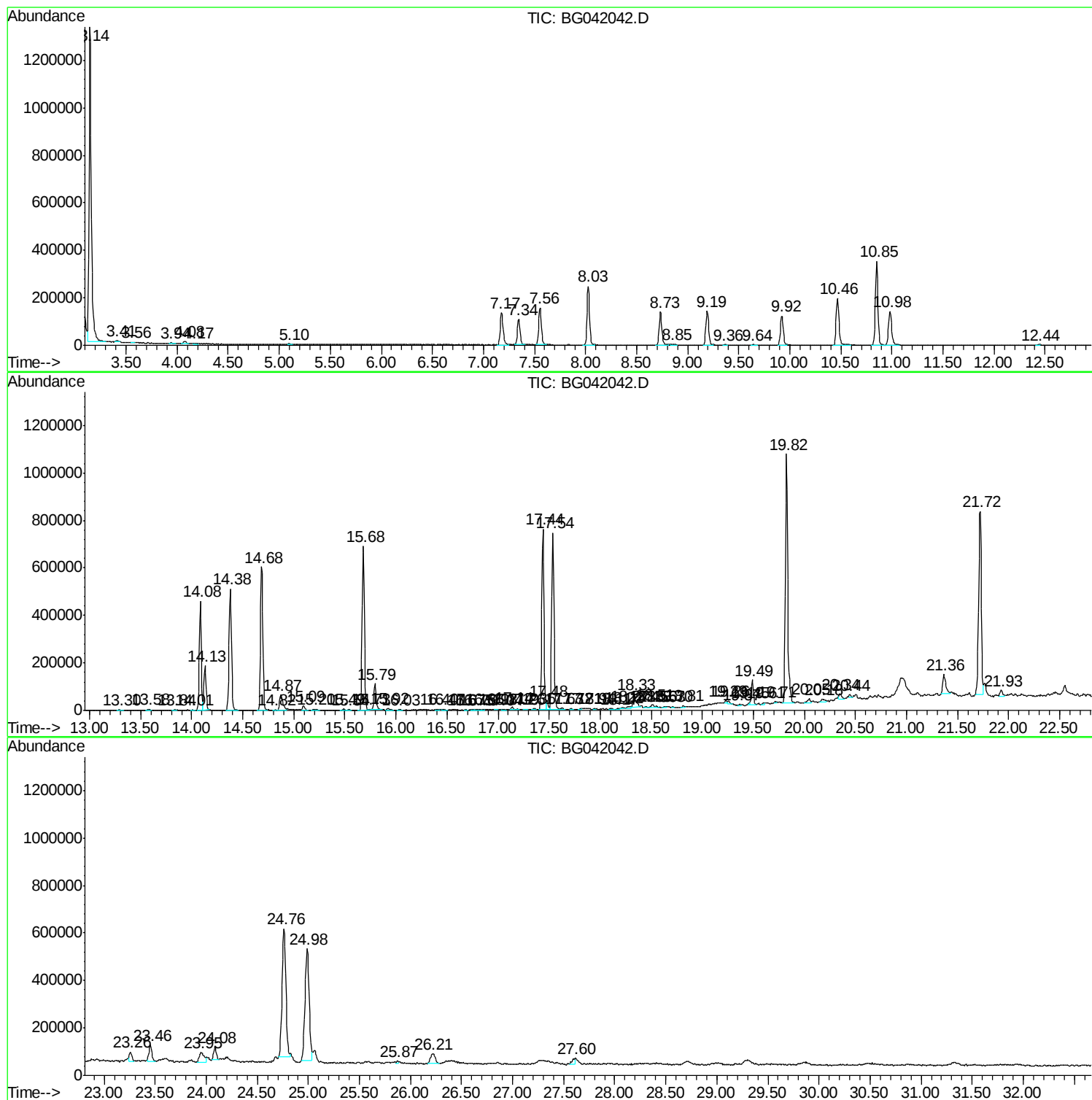
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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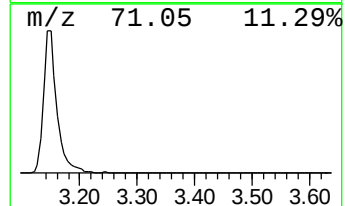
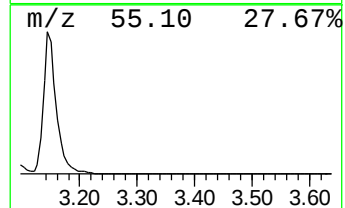
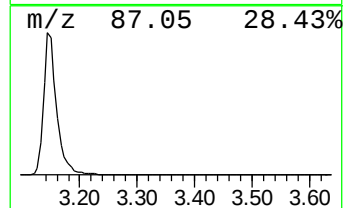
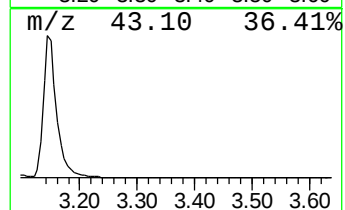
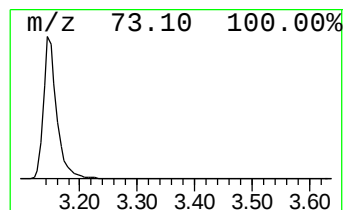
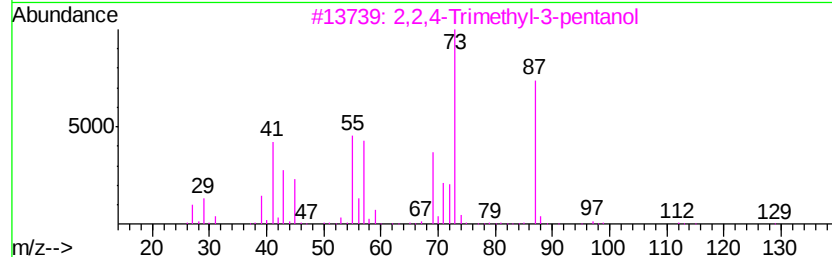
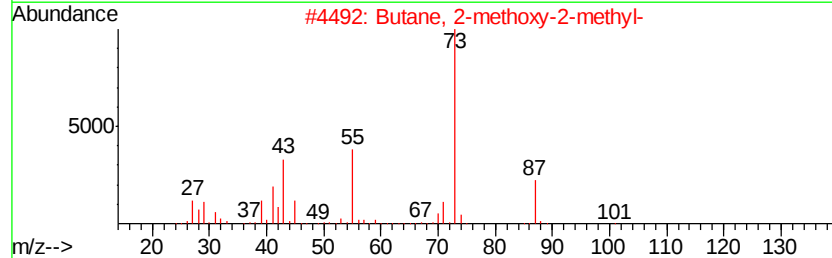
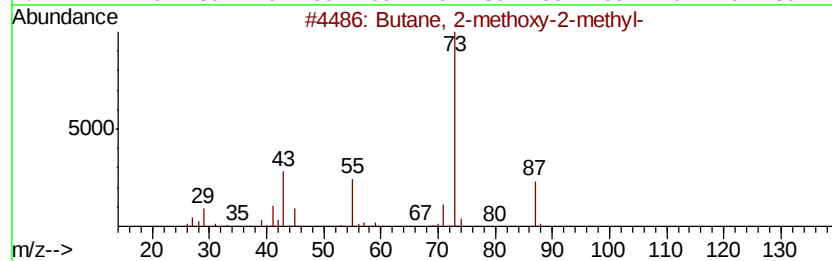
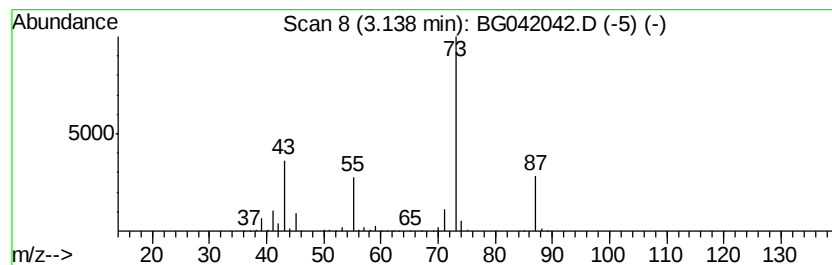
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.14	102.71 ng/ul	2171050	1,4-Dichlorobenzene-d4	8.03
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Butane, 2-methoxy-2-methyl-	102 C6H14O	000994-05-8	78
2	Butane, 2-methoxy-2-methyl-	102 C6H14O	000994-05-8	74
3	2,2,4-Trimethyl-3-pentanol	130 C8H18O	005162-48-1	40
4	Pentane, 3-methoxy-	102 C6H14O	036839-67-5	17
5	Acetamide, N-ethyl-	87 C4H9NO	000625-50-3	9



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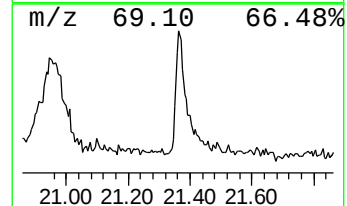
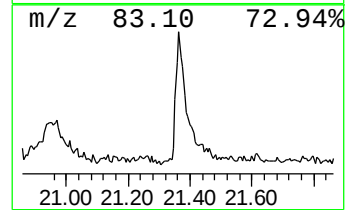
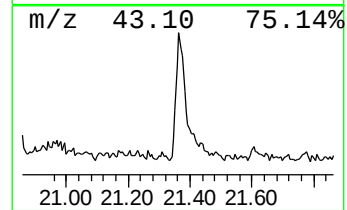
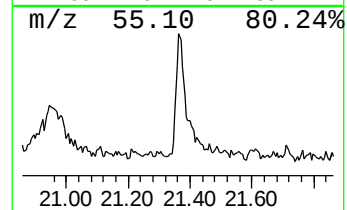
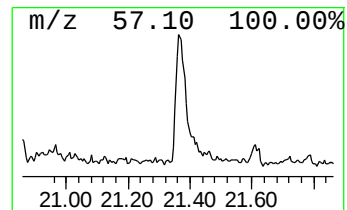
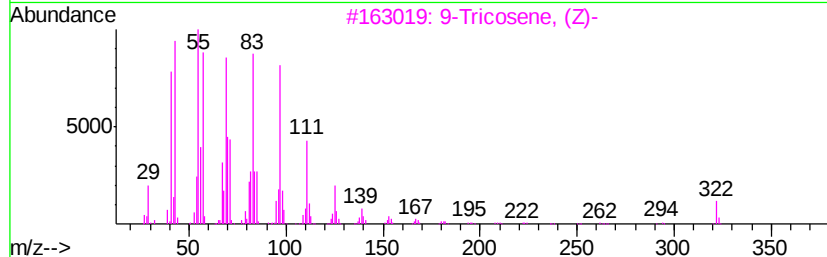
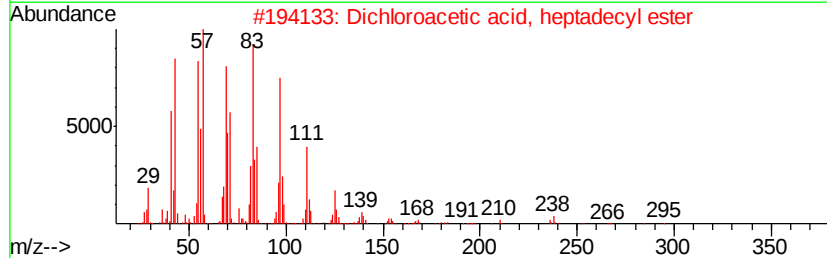
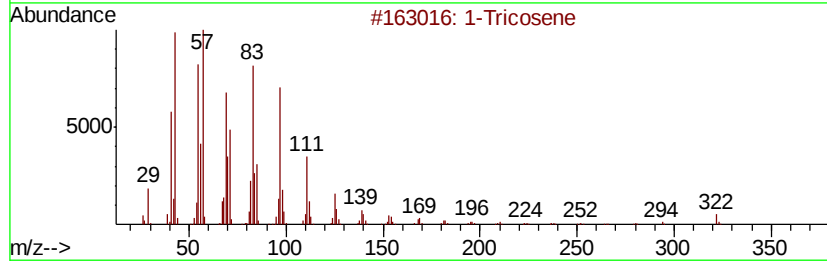
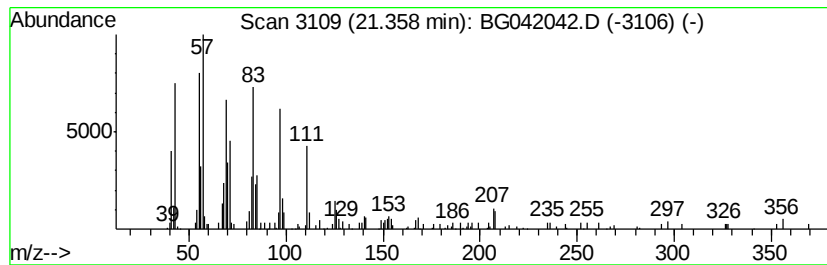
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Cyclic21.36 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.36	2.39 ng/ul	168871	Chrysene-d12	21.72
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Tricosene		322 C23H46	018835-32-0 96
2	Dichloroacetic acid, heptadecyl ...		366 C19H36Cl2O2	1000282-98-2 94
3	9-Tricosene, (Z)-		322 C23H46	027519-02-4 94
4	Heptadecyl heptafluorobutyrte		452 C21H35F7O2	959085-66-6 94
5	Heptadecyl trifluoroacetate		352 C19H35F3O2	1000351-87-0 93



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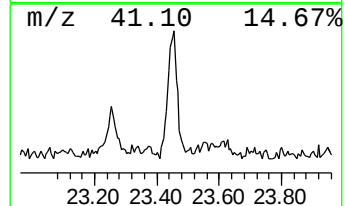
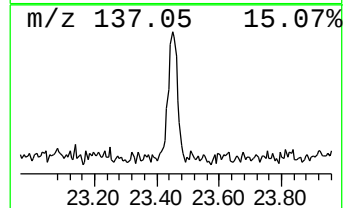
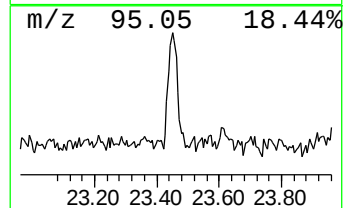
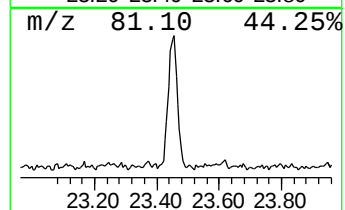
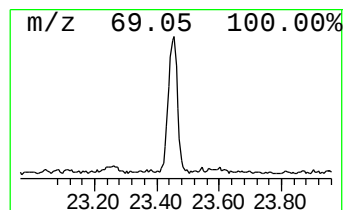
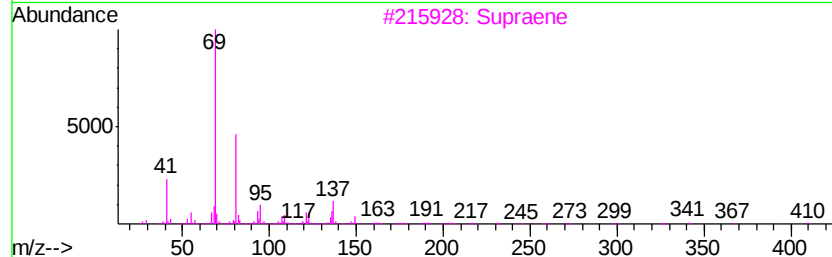
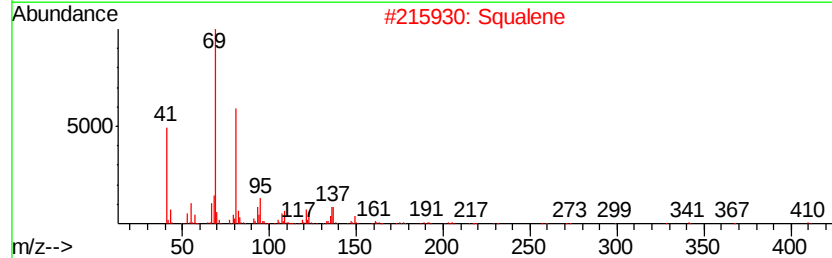
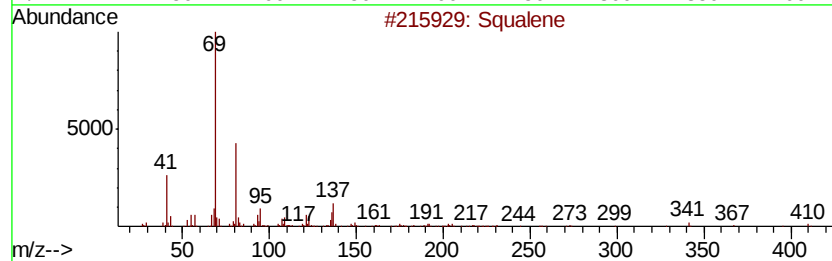
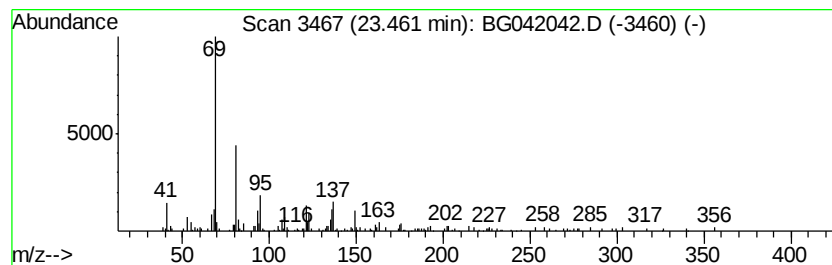
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Peak Number 3 Squalene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.46	2.10 ng/ul	145215	Perylene-d12	24.99
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Squalene	410 C30H50	000111-02-4	87
2	Squalene	410 C30H50	000111-02-4	87
3	Supraene	410 C30H50	007683-64-9	80
4	4,9,13,17-Tetramethyl-4,8,12,16-...	316 C22H360	056882-09-8	78
5	Propanoic acid, 2,2-dimethyl-, [...]	306 C20H3402	1000164-38-8	59



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BENW3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	3.14	102.7	ng/ul	2171050	1	8.03	422775	20.0
(DEL) Alkane: Cyc...	21.36	2.4	ng/ul	168871	5	21.72	1415100	20.0
Squalene	23.46	2.1	ng/ul	145215	6	24.99	1382900	20.0