

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012818\
 Data File : BG032396.D
 Acq On : 28 Jan 2018 19:40
 Operator : SJ/JU
 Sample : J1296-16
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 F6C33

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\SOM-EPA-BG012218.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	3.379	10	15	24	rVB6	4356	8591	0.69%	0.085%
2	3.467	24	30	43	rBV	138605	235080	18.89%	2.335%
3	3.773	77	82	87	rBV4	2911	5263	0.42%	0.052%
4	7.827	766	772	782	rBV2	72791	134295	10.79%	1.334%
5	8.009	797	803	812	rBV	48139	82890	6.66%	0.823%
6	8.232	833	841	849	rBV	75776	138985	11.17%	1.380%
7	8.720	917	924	933	rBB2	88677	155108	12.46%	1.540%
8	9.425	1037	1044	1052	rBV	111805	204230	16.41%	2.028%
9	9.912	1121	1127	1135	rBV2	76877	144885	11.64%	1.439%
10	10.653	1247	1253	1262	rVB	80810	149473	12.01%	1.484%
11	11.199	1339	1346	1356	rBV	132861	244294	19.63%	2.426%
12	11.599	1406	1414	1426	rBB2	112501	213842	17.18%	2.124%
13	11.722	1428	1435	1445	rBV2	115054	210514	16.91%	2.091%
14	13.144	1672	1677	1683	rBB	2271	2985	0.24%	0.030%
15	14.131	1843	1845	1849	rBV	1329	1670	0.13%	0.017%
16	14.736	1941	1948	1952	rBV	285094	438311	35.21%	4.353%
17	14.777	1952	1955	1963	rVB	77426	113687	9.13%	1.129%
18	15.053	1995	2002	2013	rBV	309999	502569	40.38%	4.991%
19	15.194	2020	2026	2031	rVB	5004	7060	0.57%	0.070%
20	15.353	2046	2053	2062	rBV2	201870	338021	27.16%	3.357%
21	15.506	2072	2079	2087	rBV	114380	186409	14.98%	1.851%
22	15.647	2099	2103	2106	rVB	956	1579	0.13%	0.016%
23	15.811	2123	2131	2132	rBV	1582	1928	0.15%	0.019%
24	16.105	2173	2181	2182	rBV2	1767	3053	0.25%	0.030%
25	16.135	2182	2186	2190	rVB3	7537	11004	0.88%	0.109%
26	16.334	2211	2220	2228	rBV	440447	691716	55.57%	6.869%
27	16.434	2230	2237	2243	rBV	140700	219180	17.61%	2.177%
28	16.528	2249	2253	2254	rBV	2097	2006	0.16%	0.020%
29	16.575	2258	2261	2268	rVB2	6142	8183	0.66%	0.081%
30	16.634	2268	2271	2276	rBV	1451	1860	0.15%	0.018%
31	16.992	2327	2332	2341	rVB3	6436	14277	1.15%	0.142%
32	17.786	2461	2467	2470	rBV2	4876	7021	0.56%	0.070%
33	17.833	2472	2475	2479	rVV2	2085	3122	0.25%	0.031%
34	17.880	2479	2483	2490	rVB	2053	3352	0.27%	0.033%

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Integration Parameters: LSCINT.P

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35	18.085	2512	2518	2528	rBV	308331	505946	40.65%	5.025%
36	18.185	2528	2535	2544	rBV2	544530	839220	67.42%	8.334%
37	18.461	2579	2582	2585	rVB	1344	1610	0.13%	0.016%
38	18.520	2588	2592	2594	rVB3	2676	3423	0.28%	0.034%
39	18.902	2653	2657	2662	rBV2	43237	62532	5.02%	0.621%
40	18.990	2668	2672	2676	rVB	8964	12751	1.02%	0.127%
41	19.184	2703	2705	2708	rBV4	1586	1803	0.14%	0.018%
42	19.231	2711	2713	2718	rBV3	1938	2394	0.19%	0.024%
43	19.507	2756	2760	2763	rVB2	1241	1546	0.12%	0.015%
44	19.807	2807	2811	2816	rVB3	1417	2776	0.22%	0.028%
45	19.854	2816	2819	2822	rBV3	1120	1558	0.13%	0.015%
46	20.012	2842	2846	2847	rBV2	1719	2173	0.17%	0.022%
47	20.030	2847	2849	2850	rVB2	2970	1939	0.16%	0.019%
48	20.065	2850	2855	2859	rBV2	7358	12400	1.00%	0.123%
49	20.142	2864	2868	2872	rBV2	11255	15755	1.27%	0.156%
50	20.236	2881	2884	2885	rBV	1379	1578	0.13%	0.016%
51	20.277	2887	2891	2893	rVV2	2818	2801	0.23%	0.028%
52	20.312	2893	2897	2904	rVB	6426	10542	0.85%	0.105%
53	20.424	2909	2916	2925	rBV	789563	1129918	90.78%	11.221%
54	20.565	2938	2940	2943	rBV2	1994	2239	0.18%	0.022%
55	20.864	2988	2991	2992	rBV2	1920	2001	0.16%	0.020%
56	20.929	2999	3002	3003	rBV2	1928	1652	0.13%	0.016%
57	20.999	3012	3014	3017	rBV3	1870	2440	0.20%	0.024%
58	21.176	3040	3044	3046	rBV2	2567	2588	0.21%	0.026%
59	21.399	3079	3082	3085	rBV4	3740	4374	0.35%	0.043%
60	21.605	3115	3117	3119	rBV3	3502	3523	0.28%	0.035%
61	21.957	3172	3177	3188	rBV3	41220	82236	6.61%	0.817%
62	22.415	3248	3255	3265	rVB	392650	718942	57.76%	7.140%
63	22.556	3276	3279	3280	rBV2	3095	3193	0.26%	0.032%
64	22.674	3297	3299	3301	rBV3	2700	2195	0.18%	0.022%
65	22.927	3340	3342	3345	rBV3	2292	2675	0.21%	0.027%
66	23.056	3362	3364	3368	rBV4	2028	2385	0.19%	0.024%
67	23.385	3418	3420	3422	rBV3	2877	2365	0.19%	0.023%
68	23.491	3436	3438	3440	rBV3	2826	2708	0.22%	0.027%
69	23.737	3478	3480	3483	rVB3	2788	2204	0.18%	0.022%
70	23.808	3490	3492	3495	rBV4	2150	2336	0.19%	0.023%
71	24.266	3568	3570	3573	rBV4	2360	2786	0.22%	0.028%

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72	24.419	3594	3596	3600	rBV4	1855	1861	0.15%	0.018%
73	24.795	3658	3660	3662	rBV3	2930	1994	0.16%	0.020%
74	24.977	3685	3691	3697	rVB9	7982	17042	1.37%	0.169%
75	25.406	3763	3764	3765	rBV	3003	1516	0.12%	0.015%
76	25.841	3826	3838	3853	rVB2	392533	1244676	100.00%	12.361%
77	26.088	3869	3880	3895	rVB2	239685	766309	61.57%	7.610%
78	26.781	3996	3998	4000	rBV2	1964	2197	0.18%	0.022%
79	27.386	4091	4101	4103	rBV6	11647	24484	1.97%	0.243%
80	27.474	4114	4116	4118	rBV2	1729	1584	0.13%	0.016%
81	27.774	4165	4167	4168	rBV2	2431	1736	0.14%	0.017%
82	28.179	4234	4236	4237	rBV	2211	1704	0.14%	0.017%
83	28.749	4332	4333	4337	rVB4	2398	2329	0.19%	0.023%
84	28.967	4360	4370	4375	rBV8	10656	33979	2.73%	0.337%
85	29.390	4440	4442	4444	rBV2	2369	2013	0.16%	0.020%
86	29.572	4470	4473	4474	rBV2	2313	2261	0.18%	0.022%
87	29.601	4474	4478	4479	rBV4	2220	2726	0.22%	0.027%
88	30.012	4546	4548	4552	rBV4	2084	2678	0.22%	0.027%
89	30.471	4624	4626	4627	rBV2	2179	1858	0.15%	0.018%
90	30.600	4647	4648	4651	rBV3	2840	1923	0.15%	0.019%
91	31.005	4715	4717	4718	rVB2	3658	1717	0.14%	0.017%
92	31.035	4718	4722	4724	rBV5	2912	4074	0.33%	0.040%
93	31.352	4774	4776	4778	rBV3	2223	1898	0.15%	0.019%
94	31.587	4814	4816	4818	rBV2	2234	1677	0.13%	0.017%
95	31.669	4828	4830	4831	rBV2	2666	1537	0.12%	0.015%
96	32.568	4981	4983	4984	rBV2	2072	1690	0.14%	0.017%

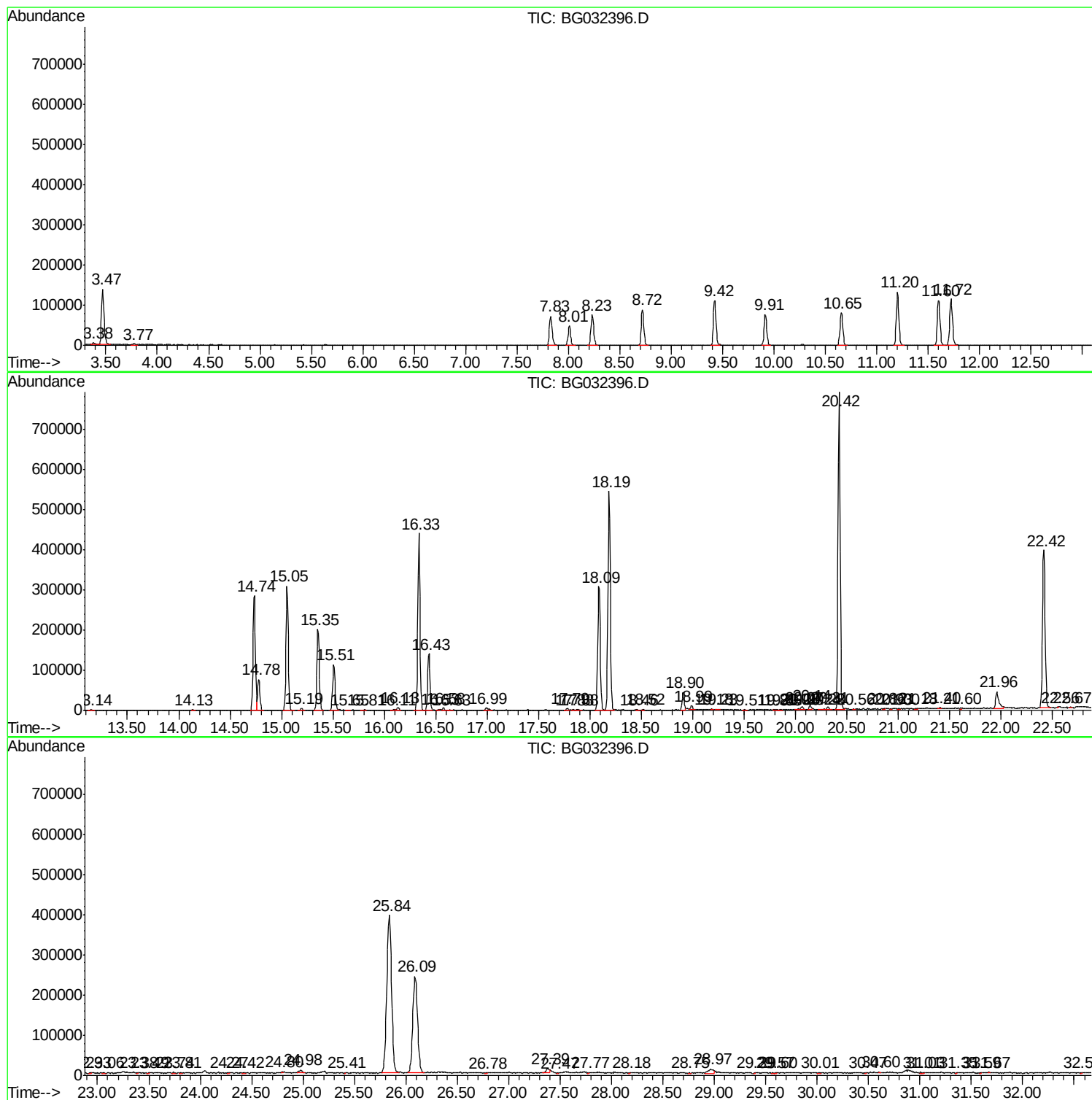
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG012218.M
Quant Title : SVOA CALIBRATION

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



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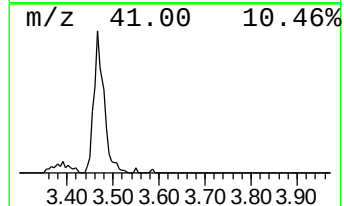
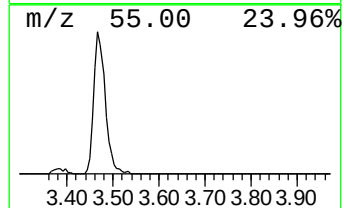
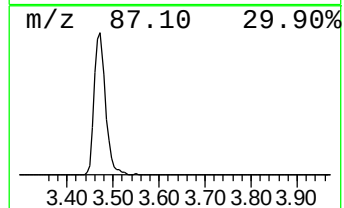
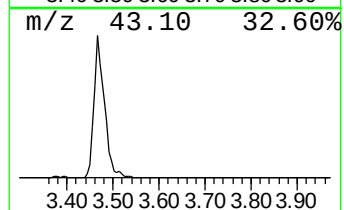
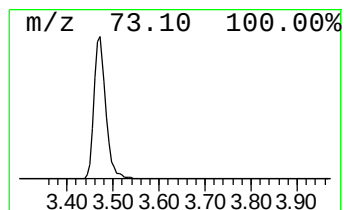
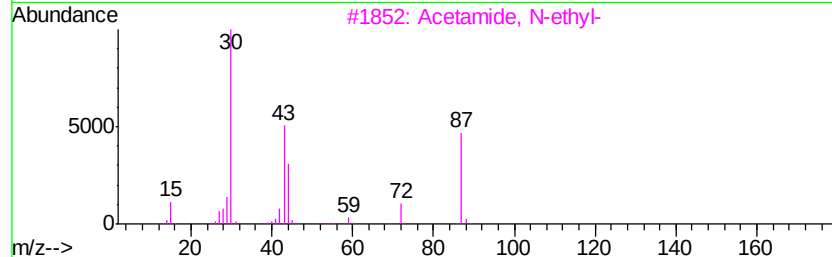
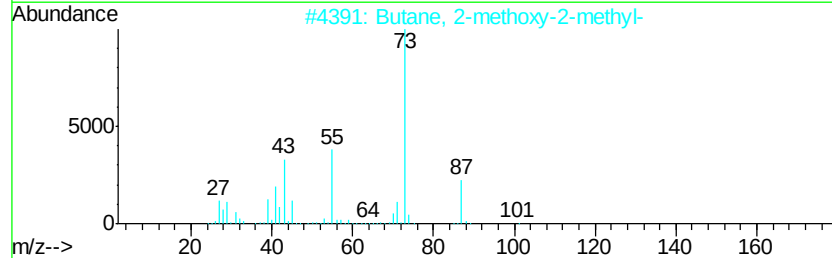
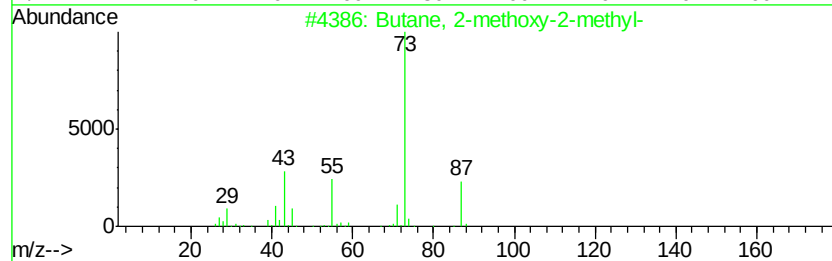
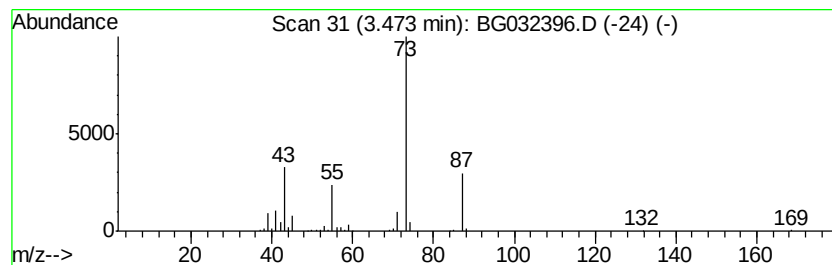
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG012218.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.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.
3.47	30.31 ng/ul	235080	1,4-Dichlorobenzene-d4	8.72

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	64
3		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	27
4		2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	25
5		Silane, tetramethyl-	88	C4H12Si	000075-76-3	9



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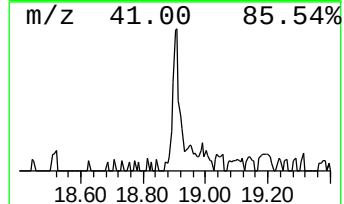
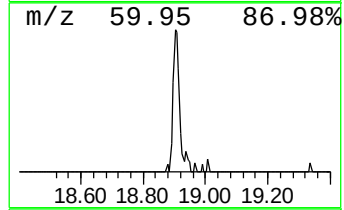
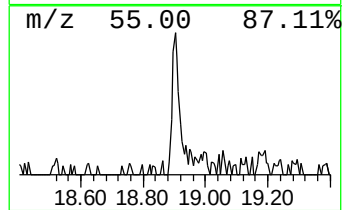
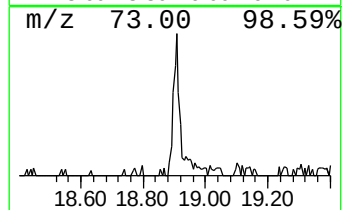
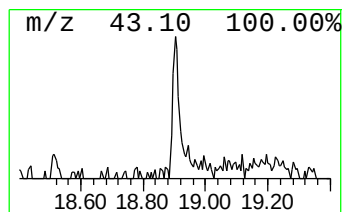
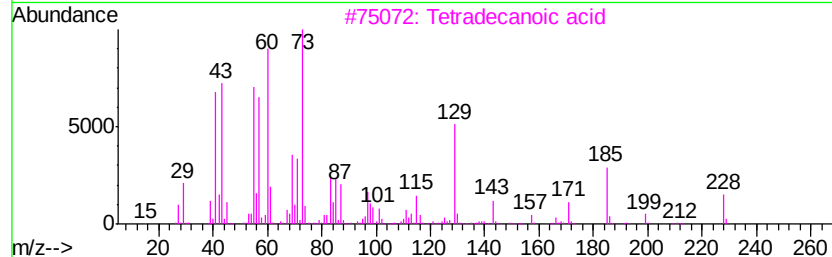
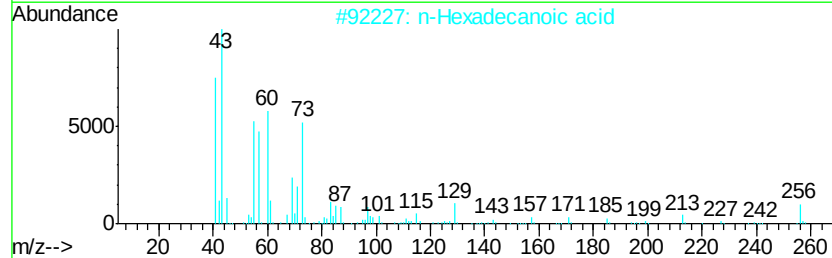
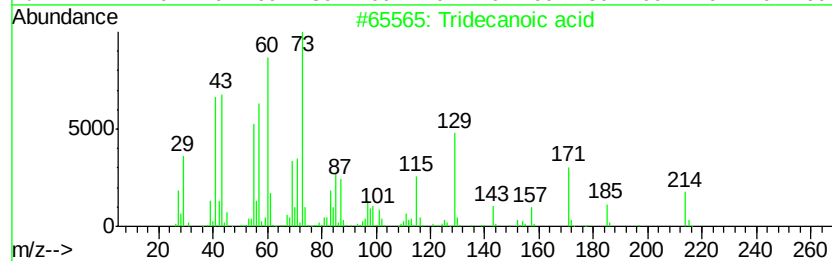
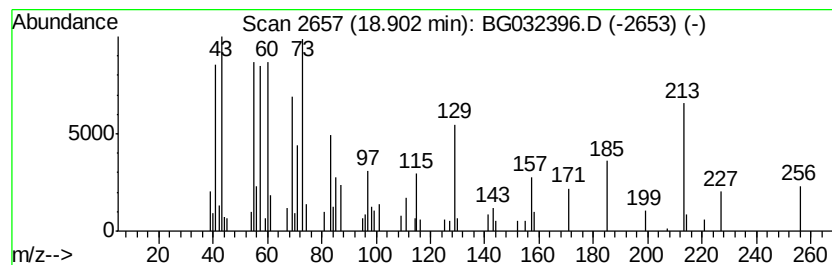
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG012218.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Tridecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.
18.90	2.47 ng/ul	62532	Phenanthrene-d10		18.09
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	92
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	53
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	47
5	Dodecanoic acid	200	C12H24O2	000143-07-7	43



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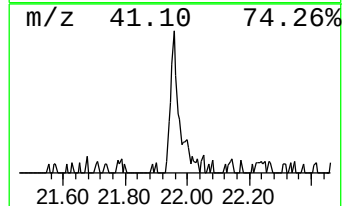
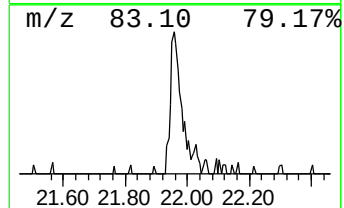
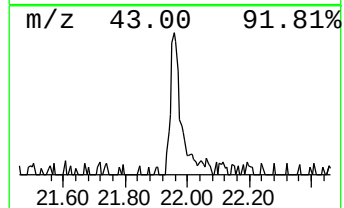
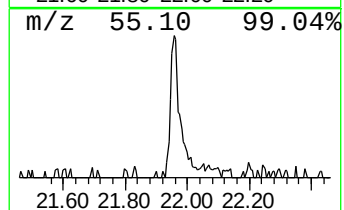
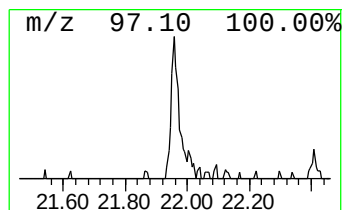
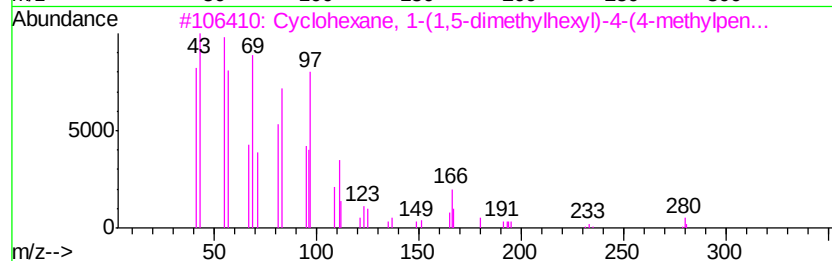
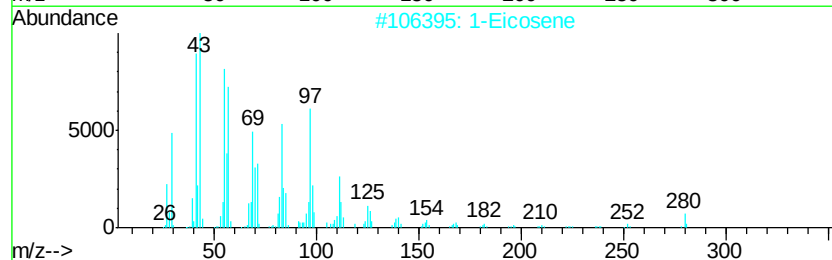
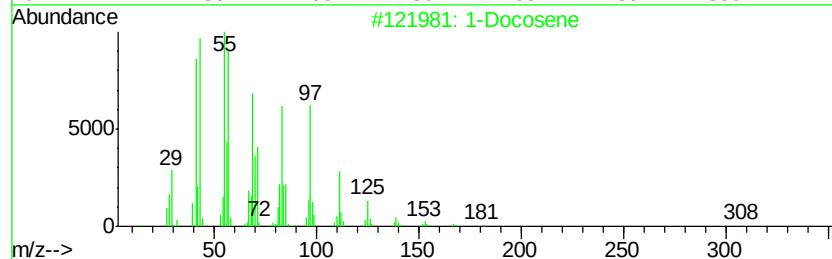
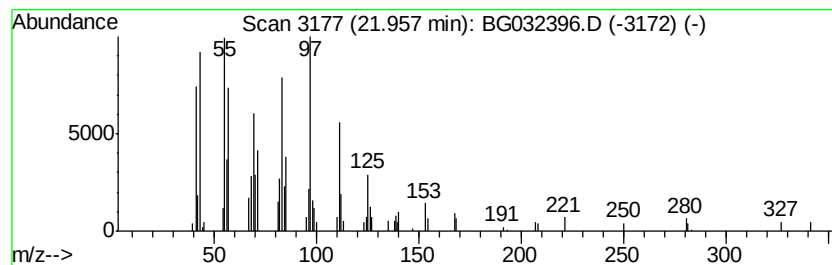
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Cyclic21.96 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.96	2.29 ng/ul	82236	Chrysene-d12	22.42	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	90
2	1-Eicosene	280	C20H40	003452-07-1	90
3	Cyclohexane, 1-(1,5-dimethylhexyl)-4-(4-methylphenyl)-	280	C20H40	056009-20-2	83
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	76
5	1-Tetracosanol	354	C24H50O	000506-51-4	64



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TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	3.47	30.3	ng/ul	235080	1	8.72	155108	20.0
Tridecanoic acid	18.90	2.5	ng/ul	62532	4	18.09	505946	20.0
(DEL) Alkane: Cyc...	21.96	2.3	ng/ul	82236	5	22.42	718942	20.0