

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032715\
 Data File : BG016181.D
 Acq On : 27 Mar 2015 18:19
 Operator : TP/IZ
 Sample : G1647-16
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AD5

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\SOM01.2-EPA-BG031715.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	2.717	3	5	16	rVB2	18759	26946	2.01%	0.176%
2	2.934	37	42	50	rBV	237846	390954	29.17%	2.556%
3	3.005	50	54	71	rVB	474828	622830	46.46%	4.073%
4	3.733	174	178	179	rBV3	1331	1465	0.11%	0.010%
5	3.792	184	188	190	rVV3	2277	3095	0.23%	0.020%
6	3.827	190	194	197	rVB	4803	5767	0.43%	0.038%
7	3.910	206	208	211	rVB3	1318	1434	0.11%	0.009%
8	4.356	282	284	289	rBV5	1046	1449	0.11%	0.009%
9	4.914	373	379	386	rVB2	19851	34045	2.54%	0.223%
10	6.013	560	566	567	rBV4	1104	1602	0.12%	0.010%
11	6.958	720	727	737	rBV	209421	321269	23.97%	2.101%
12	7.123	749	755	764	rVB	182299	266272	19.86%	1.741%
13	7.323	783	789	797	rBV	208273	315147	23.51%	2.061%
14	7.411	799	804	809	rBV3	7175	10145	0.76%	0.066%
15	7.793	862	869	876	rVB	173771	276452	20.62%	1.808%
16	8.492	980	988	997	rBV	253752	389462	29.05%	2.547%
17	8.603	1003	1007	1016	rVB2	8247	14553	1.09%	0.095%
18	8.944	1058	1065	1074	rVB	187176	298259	22.25%	1.950%
19	9.355	1132	1135	1139	rBV4	1642	2734	0.20%	0.018%
20	9.661	1176	1187	1195	rBV	150080	247106	18.43%	1.616%
21	9.825	1209	1215	1216	rBV3	1300	1577	0.12%	0.010%
22	10.019	1243	1248	1250	rBV3	1058	1471	0.11%	0.010%
23	10.195	1271	1278	1288	rBV	256467	404403	30.17%	2.644%
24	10.354	1299	1305	1311	rVB4	2435	3425	0.26%	0.022%
25	10.577	1334	1343	1357	rBV	267012	448731	33.48%	2.934%
26	10.712	1359	1366	1376	rBV	245643	406932	30.36%	2.661%
27	10.935	1398	1404	1408	rVB3	1023	1927	0.14%	0.013%
28	12.163	1608	1613	1621	rVB3	5112	8829	0.66%	0.058%
29	12.239	1621	1626	1632	rVB4	1407	2273	0.17%	0.015%
30	12.457	1658	1663	1667	rVB3	1143	1883	0.14%	0.012%
31	13.238	1793	1796	1800	rVB3	3565	4384	0.33%	0.029%
32	13.826	1887	1896	1900	rBV	451340	604435	45.09%	3.952%
33	13.867	1900	1903	1913	rVV	39549	55311	4.13%	0.362%
34	14.108	1937	1944	1952	rVB	593939	834618	62.26%	5.457%

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 Title : SVOA CALIBRATION

35	14.313	1973	1979	1983	rBV	10511	12956	0.97%	0.085%
36	14.413	1990	1996	2004	rBV2	433327	643453	48.00%	4.207%
37	14.478	2004	2007	2012	rVB2	3518	4346	0.32%	0.028%
38	14.607	2023	2029	2041	rBV	182148	280791	20.95%	1.836%
39	14.765	2054	2056	2060	rVB3	2827	2875	0.21%	0.019%
40	14.830	2060	2067	2071	rVV5	11116	18330	1.37%	0.120%
41	14.865	2072	2073	2077	rVB3	1652	1433	0.11%	0.009%
42	14.930	2079	2084	2088	rVB5	2642	4497	0.34%	0.029%
43	14.995	2090	2095	2098	rBV4	1511	1768	0.13%	0.012%
44	15.177	2122	2126	2128	rBV2	1182	1371	0.10%	0.009%
45	15.206	2128	2131	2135	rVV	2892	4214	0.31%	0.028%
46	15.259	2135	2140	2145	rVB2	14500	19599	1.46%	0.128%
47	15.406	2158	2165	2171	rBV	737692	1047743	78.16%	6.851%
48	15.459	2171	2174	2179	rVB3	6807	9714	0.72%	0.064%
49	15.517	2179	2184	2193	rBV	154423	212421	15.85%	1.389%
50	15.641	2198	2205	2209	rBV2	8345	15138	1.13%	0.099%
51	15.700	2214	2215	2221	rVB5	1174	1554	0.12%	0.010%
52	15.758	2221	2225	2227	rBV3	1978	2389	0.18%	0.016%
53	15.817	2231	2235	2238	rVB3	2271	2965	0.22%	0.019%
54	15.876	2242	2245	2248	rBV2	2625	3869	0.29%	0.025%
55	15.952	2254	2258	2260	rBV3	1247	1455	0.11%	0.010%
56	16.122	2282	2287	2290	rBV	15910	23779	1.77%	0.155%
57	16.357	2324	2327	2328	rBV3	1768	1580	0.12%	0.010%
58	16.457	2341	2344	2347	rBV4	3196	4497	0.34%	0.029%
59	16.522	2352	2355	2358	rVB4	1434	1725	0.13%	0.011%
60	16.616	2368	2371	2372	rBV2	1369	1581	0.12%	0.010%
61	16.692	2380	2384	2387	rBV4	3297	3754	0.28%	0.025%
62	16.910	2414	2421	2425	rBV2	19541	25873	1.93%	0.169%
63	16.962	2427	2430	2436	rVB6	7117	10521	0.78%	0.069%
64	17.004	2436	2437	2440	rVB3	1644	1408	0.11%	0.009%
65	17.051	2442	2445	2447	rBV	2535	3054	0.23%	0.020%
66	17.150	2456	2462	2467	rBV2	553607	772854	57.66%	5.054%
67	17.192	2467	2469	2473	rVV	30184	35797	2.67%	0.234%
68	17.250	2473	2479	2491	rVB2	789946	1119691	83.53%	7.321%
69	17.338	2491	2494	2498	rVB4	3045	4056	0.30%	0.027%
70	17.374	2498	2500	2502	rBV3	2030	2055	0.15%	0.013%
71	17.456	2512	2514	2517	rVB3	1822	1546	0.12%	0.010%

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72	17.509	2519	2523	2524	rBV4	1877	1776	0.13%	0.012%
73	17.556	2529	2531	2534	rVB3	3143	3709	0.28%	0.024%
74	17.650	2543	2547	2553	rVB2	11993	17664	1.32%	0.116%
75	17.814	2572	2575	2581	rVB7	2414	4325	0.32%	0.028%
76	17.873	2581	2585	2587	rBV4	1744	2088	0.16%	0.014%
77	17.920	2587	2593	2595	rBV6	2076	3024	0.23%	0.020%
78	18.043	2609	2614	2623	rBV2	72219	126113	9.41%	0.825%
79	18.149	2630	2632	2637	rVB5	1783	1567	0.12%	0.010%
80	18.220	2641	2644	2648	rBV3	5061	6756	0.50%	0.044%
81	18.337	2661	2664	2668	rBV5	3468	4827	0.36%	0.032%
82	18.472	2684	2687	2690	rVB5	3660	4003	0.30%	0.026%
83	18.531	2694	2697	2699	rBV3	3681	4028	0.30%	0.026%
84	18.619	2710	2712	2716	rVB5	2802	3016	0.22%	0.020%
85	18.807	2743	2744	2747	rVB3	2814	1915	0.14%	0.013%
86	18.930	2763	2765	2769	rBV5	2962	3748	0.28%	0.025%
87	19.083	2789	2791	2794	rBV3	3604	3545	0.26%	0.023%
88	19.177	2803	2807	2808	rBV	9999	11799	0.88%	0.077%
89	19.207	2808	2812	2817	rVB	53250	67534	5.04%	0.442%
90	19.324	2826	2832	2836	rBV	42551	72064	5.38%	0.471%
91	19.541	2863	2869	2883	rBV	952047	1340468	100.00%	8.765%
92	20.458	3022	3025	3031	rVB4	26274	33260	2.48%	0.217%
93	21.033	3119	3123	3133	rBV	180835	255146	19.03%	1.668%
94	21.321	3167	3172	3177	rBV	679084	921096	68.71%	6.023%
95	23.460	3530	3536	3553	rVB2	619288	1234079	92.06%	8.069%
96	23.606	3555	3561	3568	rVB2	439234	847858	63.25%	5.544%

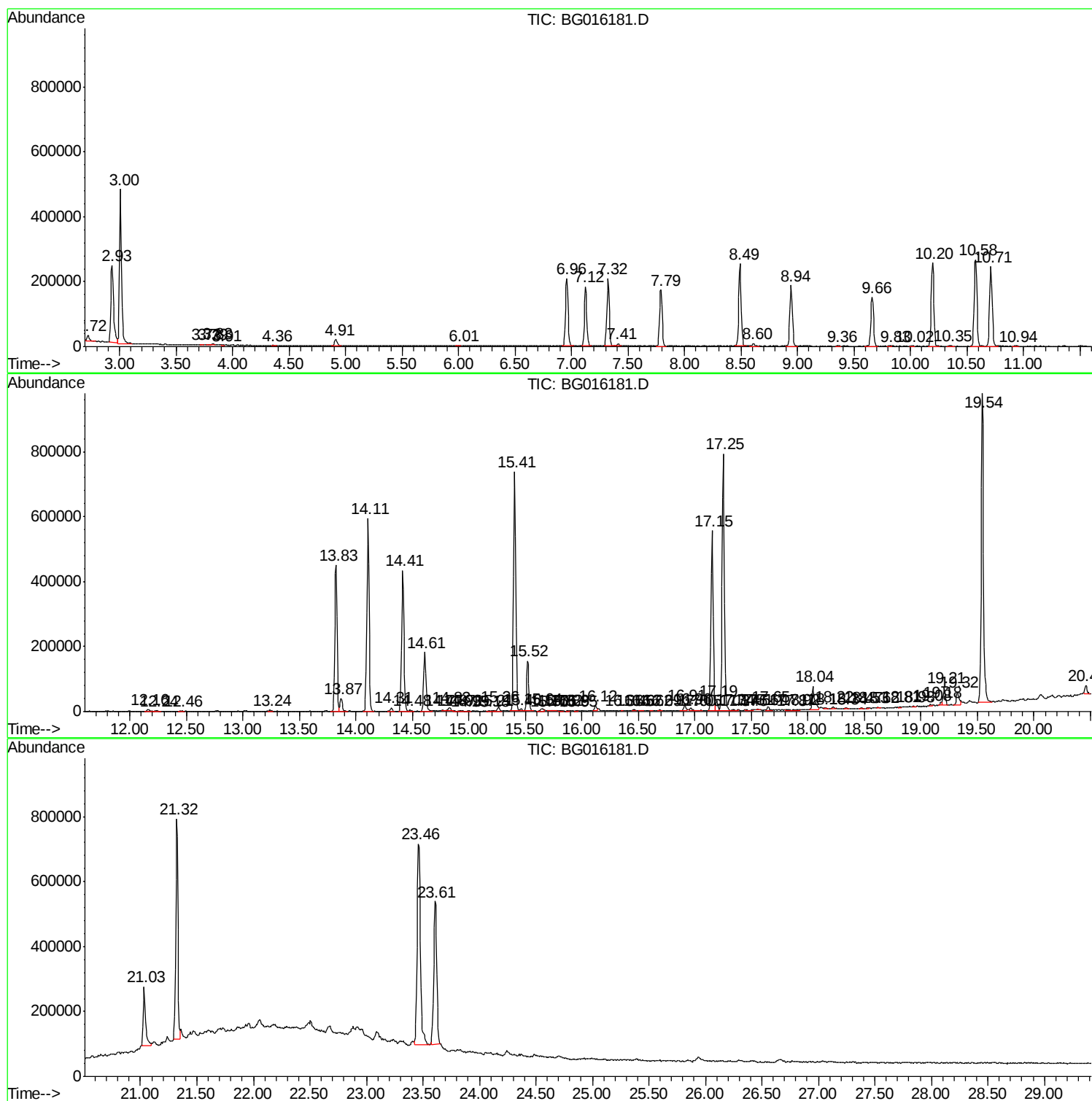
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG031715.M
Quant Title : SVOA CALIBRATION

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



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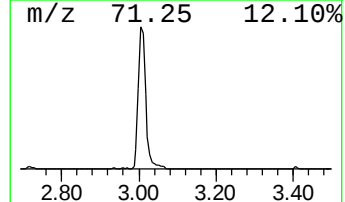
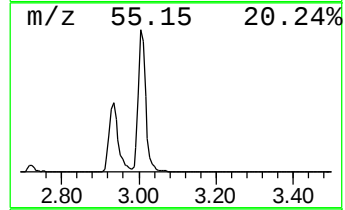
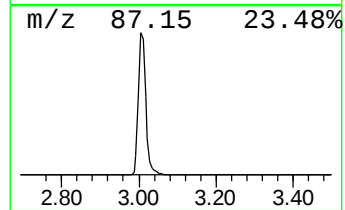
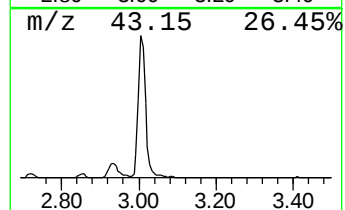
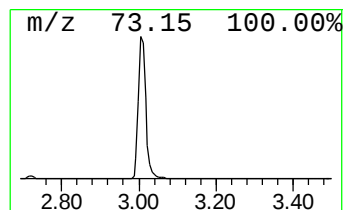
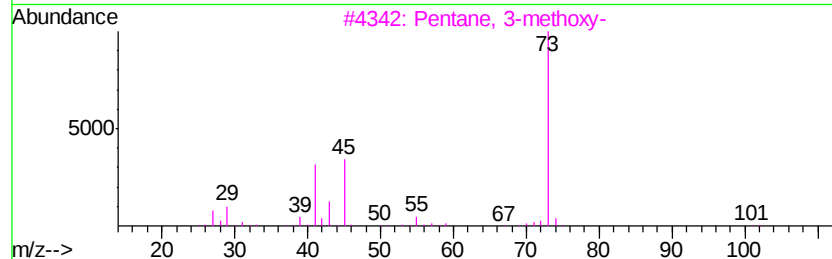
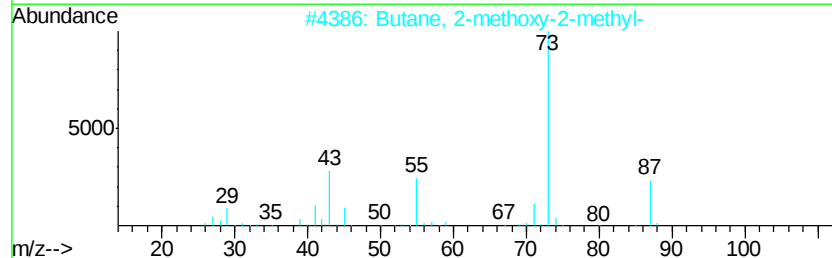
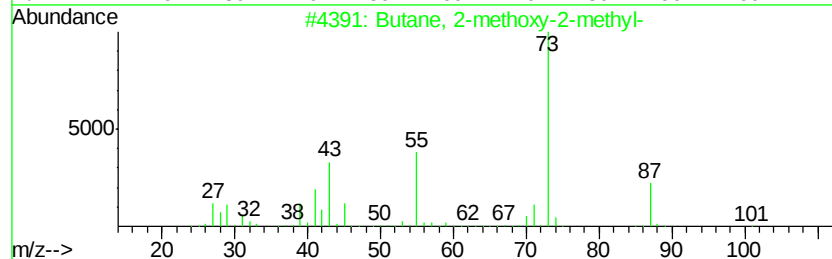
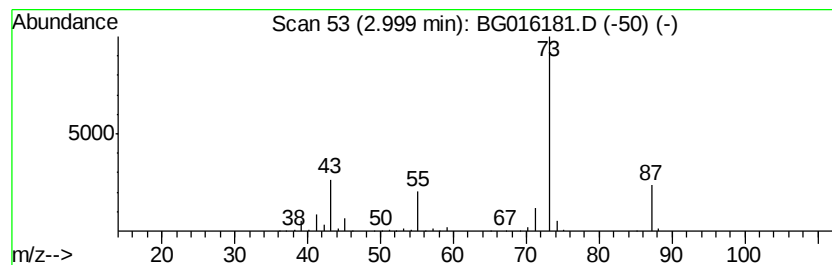
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG031715.M
Quant Title : SVOA CALIBRATION

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.
3.00	45.06 ng/ul	622830	1,4-Dichlorobenzene-d4	7.79

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	74
2			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	56
3			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4			Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
5			N-Ethylformamide	73	C3H7NO	000627-45-2	9



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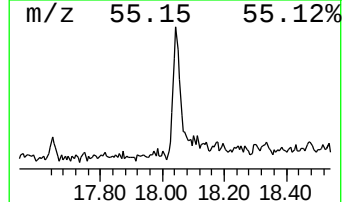
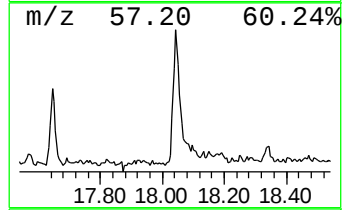
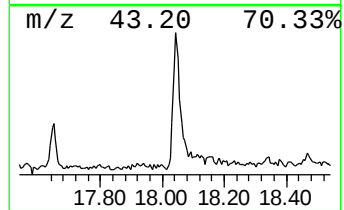
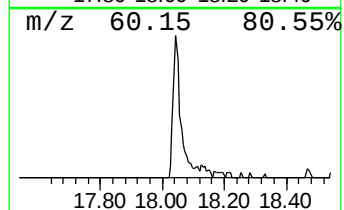
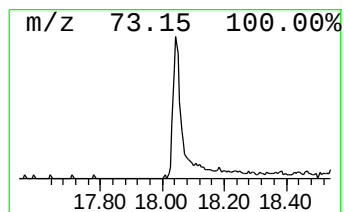
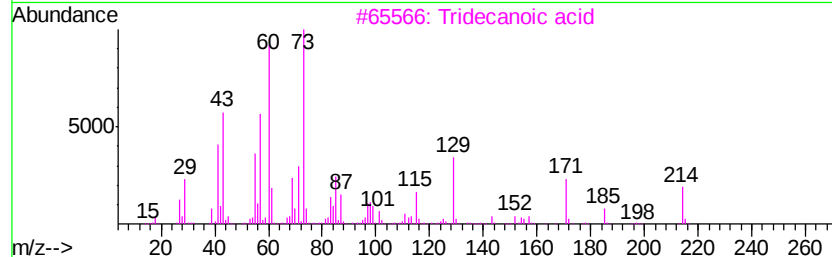
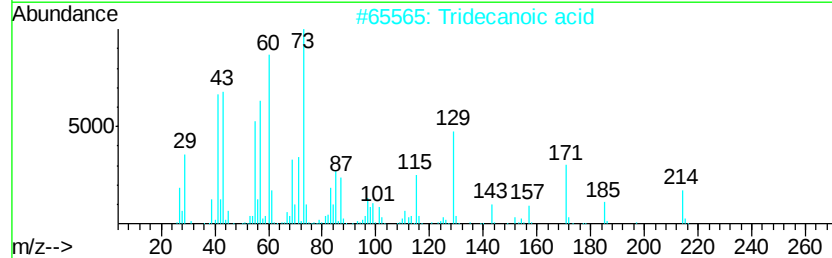
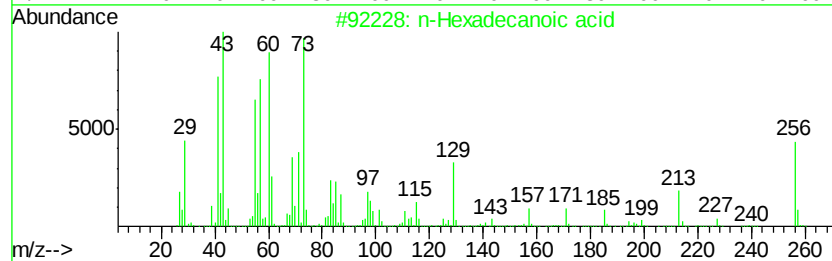
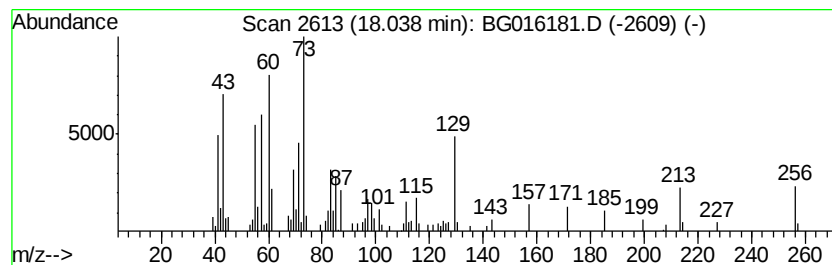
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG031715.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.04	3.26 ng/ul	126113	Phenanthrene-d10	17.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		Tridecanoic acid	214	C13H26O2	000638-53-9	95
3		Tridecanoic acid	214	C13H26O2	000638-53-9	93
4		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	72



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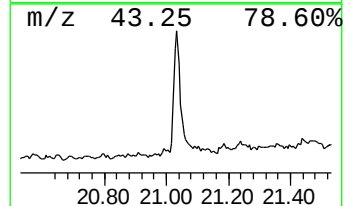
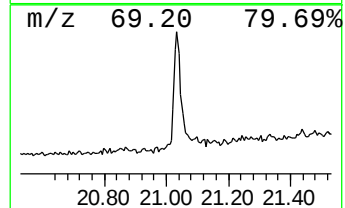
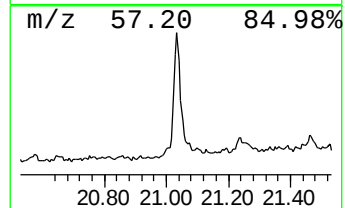
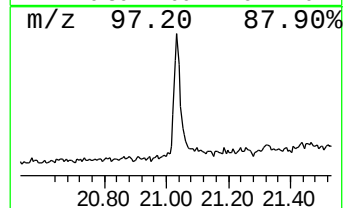
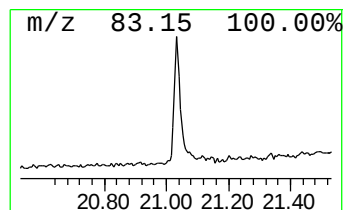
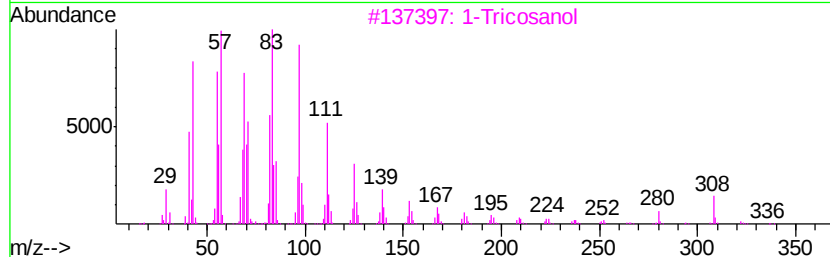
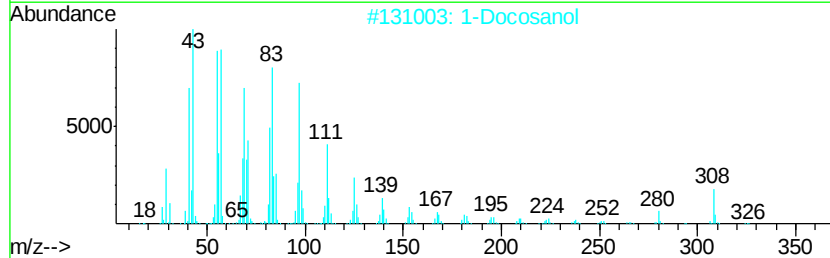
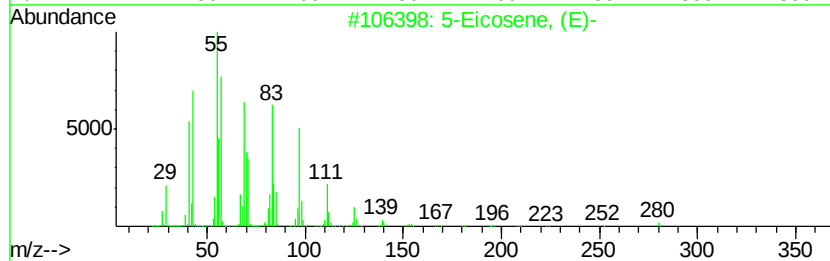
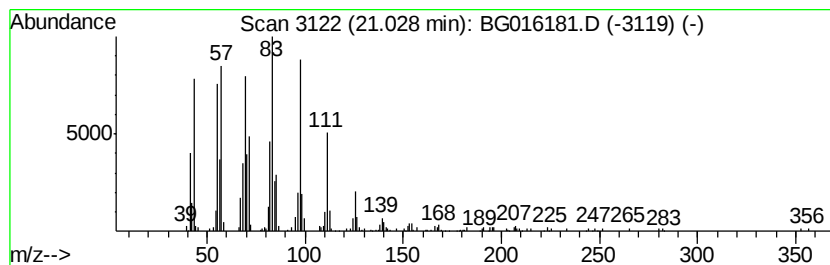
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TIC Integration Parameters: LSCINT.P

Peak Number 5 (DEL) Alkane: Cyclic Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.03	5.54 ng/ul	255146	Chrysene-d12	21.32	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	98
2	1-Docosanol	326	C22H46O	000661-19-8	91
3	1-Tricosanol	340	C23H48O	003133-01-5	91
4	1-Octadecanol	270	C18H38O	000112-92-5	87
5	10-Heneicosene (c,t)	294	C21H42	095008-11-0	87



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C0AD5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG031715.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...	3.00	45.1	ng/ul	622830	1	7.79	276452	20.0
n-Hexadecanoic acid	18.04	3.3	ng/ul	126113	4	17.15	772854	20.0
(DEL) Alkane: Cyclic	21.03	5.5	ng/ul	255146	5	21.32	921096	20.0