

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102115\
 Data File : BG019286.D
 Acq On : 21 Oct 2015 18:50
 Operator : UM/NP
 Sample : G4057-06
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LL3

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-BG101515.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	3.079	35	41	49	rVV	30343	50557	9.24%	0.932%
2	3.150	49	53	65	rVB	69511	96949	17.72%	1.787%
3	4.160	222	225	230	rBV2	1129	1683	0.31%	0.031%
4	7.163	731	736	742	rBV2	10121	18346	3.35%	0.338%
5	7.310	756	761	767	rBV	44306	67077	12.26%	1.236%
6	7.521	791	797	807	rVB	47845	79407	14.52%	1.463%
7	7.985	870	876	882	rVB	54709	85375	15.61%	1.573%
8	8.038	882	885	889	rBV3	1090	1698	0.31%	0.031%
9	8.702	993	998	1009	rVB2	34725	60283	11.02%	1.111%
10	9.149	1066	1074	1080	rBV	68611	113190	20.69%	2.086%
11	9.531	1136	1139	1141	rBV3	1309	1679	0.31%	0.031%
12	9.871	1190	1197	1205	rVB	62496	103802	18.98%	1.913%
13	10.418	1284	1290	1304	rVB2	81974	144263	26.37%	2.659%
14	10.794	1346	1354	1361	rVB	80201	140841	25.75%	2.595%
15	11.158	1414	1416	1419	rBV2	943	1300	0.24%	0.024%
16	11.199	1420	1423	1429	rVV3	2021	3297	0.60%	0.061%
17	12.057	1565	1569	1572	rVB3	1077	962	0.18%	0.018%
18	12.374	1619	1623	1628	rVB3	1162	1569	0.29%	0.029%
19	12.486	1637	1642	1644	rBV2	865	954	0.17%	0.018%
20	12.968	1721	1724	1729	rVB3	2056	2652	0.48%	0.049%
21	13.021	1729	1733	1736	rBV3	1515	1752	0.32%	0.032%
22	13.338	1783	1787	1790	rVB2	711	921	0.17%	0.017%
23	14.025	1896	1904	1910	rVV	203636	278419	50.90%	5.131%
24	14.066	1910	1911	1915	rVV2	1729	1795	0.33%	0.033%
25	14.113	1915	1919	1922	rVV3	2601	3590	0.66%	0.066%
26	14.137	1922	1923	1926	rVV2	1340	1123	0.21%	0.021%
27	14.313	1946	1953	1963	rVV	195649	309564	56.59%	5.705%
28	14.619	1998	2005	2015	rBV2	146118	236788	43.29%	4.364%
29	14.695	2015	2018	2022	rBV3	1109	1470	0.27%	0.027%
30	14.783	2029	2033	2037	rBV3	916	1510	0.28%	0.028%
31	14.842	2037	2043	2052	rVB2	14490	24781	4.53%	0.457%
32	15.265	2111	2115	2118	rVB	732	911	0.17%	0.017%
33	15.412	2135	2140	2146	rBV2	1448	2999	0.55%	0.055%
34	15.459	2146	2148	2153	rVB	959	1070	0.20%	0.020%

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 Title : SVOA CALIBRATION

35	15.500	2153	2155	2158	rVB2	1233	1103	0.20%	0.020%
36	15.612	2166	2174	2181	rBV	283737	415250	75.92%	7.652%
37	15.735	2189	2195	2203	rVV	101369	150158	27.45%	2.767%
38	15.853	2211	2215	2220	rVV6	3230	6070	1.11%	0.112%
39	15.911	2220	2225	2231	rVB	98669	117678	21.51%	2.169%
40	16.323	2290	2295	2304	rVB4	2203	4992	0.91%	0.092%
41	16.428	2311	2313	2317	rVV2	664	1006	0.18%	0.019%
42	16.493	2322	2324	2328	rVB	913	1186	0.22%	0.022%
43	16.552	2332	2334	2341	rVB2	680	1294	0.24%	0.024%
44	17.110	2425	2429	2433	rBV3	2734	3001	0.55%	0.055%
45	17.151	2433	2436	2437	rBV	1135	1008	0.18%	0.019%
46	17.169	2437	2439	2443	rVB3	957	1228	0.22%	0.023%
47	17.274	2453	2457	2461	rVB	1658	2184	0.40%	0.040%
48	17.368	2465	2473	2479	rBV	199848	298925	54.65%	5.509%
49	17.462	2483	2489	2496	rBV2	315024	468734	85.69%	8.638%
50	17.551	2499	2504	2512	rBV3	6386	11846	2.17%	0.218%
51	17.768	2538	2541	2544	rVB2	696	1016	0.19%	0.019%
52	17.850	2549	2555	2560	rBV4	2214	3669	0.67%	0.068%
53	18.068	2588	2592	2595	rBV2	1397	1728	0.32%	0.032%
54	18.250	2619	2623	2628	rBV4	4562	7626	1.39%	0.141%
55	18.320	2632	2635	2639	rVB3	2300	2754	0.50%	0.051%
56	18.514	2665	2668	2670	rBV	853	1319	0.24%	0.024%
57	18.544	2670	2673	2675	rVB2	1503	1656	0.30%	0.031%
58	18.679	2693	2696	2699	rBV3	1068	1482	0.27%	0.027%
59	18.732	2702	2705	2707	rBV3	1329	1727	0.32%	0.032%
60	18.773	2709	2712	2713	rBV2	1081	955	0.17%	0.018%
61	18.896	2731	2733	2735	rBV2	1586	993	0.18%	0.018%
62	18.943	2739	2741	2744	rBV2	1040	1306	0.24%	0.024%
63	19.031	2752	2756	2761	rBV5	2614	3354	0.61%	0.062%
64	19.078	2761	2764	2766	rBV3	1882	1151	0.21%	0.021%
65	19.266	2792	2796	2801	rVB6	1546	2981	0.54%	0.055%
66	19.313	2801	2804	2805	rBV2	1306	1571	0.29%	0.029%
67	19.390	2812	2817	2824	rVV4	3577	6574	1.20%	0.121%
68	19.454	2826	2828	2831	rVB3	1697	1411	0.26%	0.026%
69	19.501	2834	2836	2837	rBV2	1478	1135	0.21%	0.021%
70	19.525	2838	2840	2843	rVV4	1304	1400	0.26%	0.026%
71	19.625	2854	2857	2858	rBV3	1419	1371	0.25%	0.025%

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72	19.707	2870	2871	2873	rBV3	1449	1136	0.21%	0.021%
73	19.754	2873	2879	2885	rVV	392756	531909	97.24%	9.802%
74	19.813	2887	2889	2890	rVV2	1812	1232	0.23%	0.023%
75	19.854	2894	2896	2899	rVB3	1763	1861	0.34%	0.034%
76	19.924	2904	2908	2909	rBV4	2537	2387	0.44%	0.044%
77	19.942	2909	2911	2917	rBV5	1228	1576	0.29%	0.029%
78	19.989	2917	2919	2920	rBV2	1621	946	0.17%	0.017%
79	20.007	2920	2922	2925	rVB4	1930	2397	0.44%	0.044%
80	20.036	2925	2927	2928	rBV2	2569	2018	0.37%	0.037%
81	20.171	2948	2950	2953	rBV4	1919	2710	0.50%	0.050%
82	20.224	2956	2959	2960	rBV3	1620	1492	0.27%	0.027%
83	20.242	2960	2962	2964	rBV3	1926	1589	0.29%	0.029%
84	20.394	2986	2988	2991	rBV4	1871	2439	0.45%	0.045%
85	20.482	3001	3003	3004	rBV2	1649	1121	0.20%	0.021%
86	20.500	3004	3006	3008	rVB3	2847	1628	0.30%	0.030%
87	20.518	3008	3009	3012	rBV3	2775	3272	0.60%	0.060%
88	20.823	3058	3061	3062	rBV3	3516	4349	0.80%	0.080%
89	20.935	3078	3080	3083	rBV3	2609	2181	0.40%	0.040%
90	21.511	3175	3178	3186	rVB	14430	21226	3.88%	0.391%
91	21.628	3191	3198	3210	rBV	225498	366168	66.94%	6.748%
92	22.792	3390	3396	3402	rVB2	106602	182232	33.32%	3.358%
93	23.696	3549	3550	3553	rBV3	4886	4848	0.89%	0.089%
94	24.607	3695	3705	3718	rVB	208427	546984	100.00%	10.080%
95	24.819	3732	3741	3754	rVV	128698	349179	63.84%	6.435%
96	24.924	3757	3759	3761	rBV3	3438	2121	0.39%	0.039%
97	25.159	3797	3799	3801	rBV3	3019	2624	0.48%	0.048%
98	25.929	3928	3930	3933	rBV4	3745	4340	0.79%	0.080%
99	28.837	4423	4425	4427	rVB3	4317	2989	0.55%	0.055%
100	32.198	4995	4997	4998	rBV2	3554	2028	0.37%	0.037%

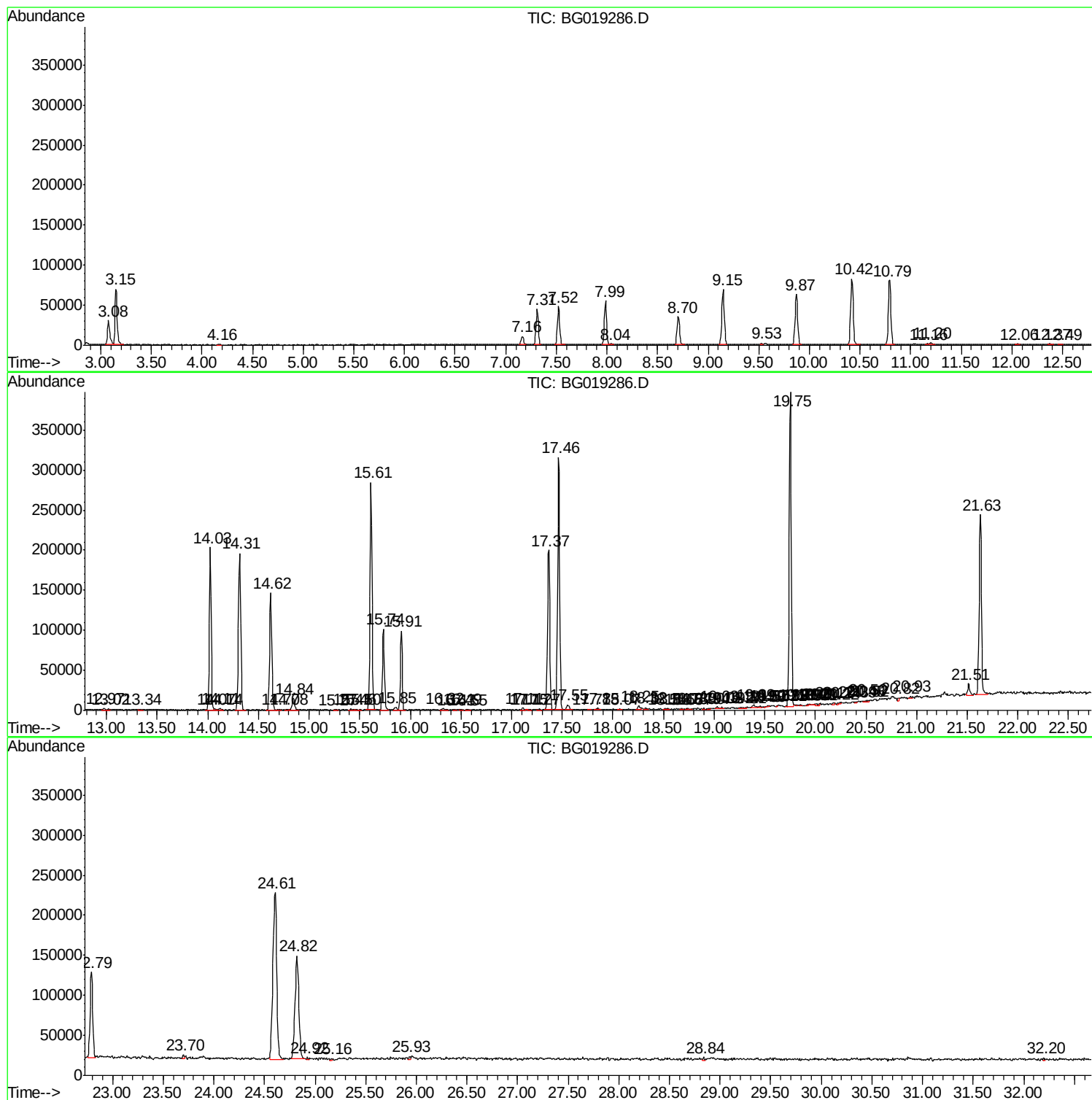
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

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



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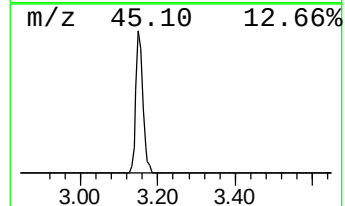
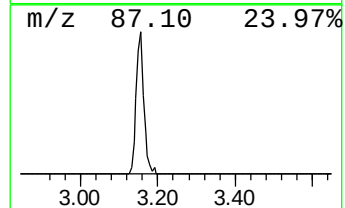
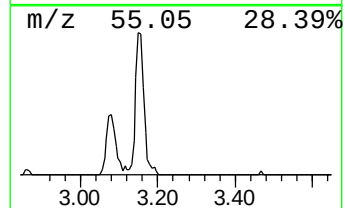
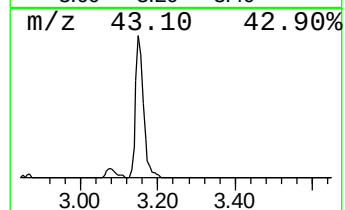
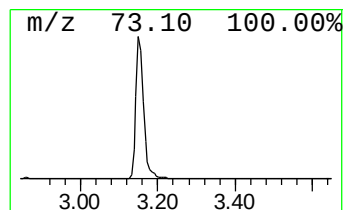
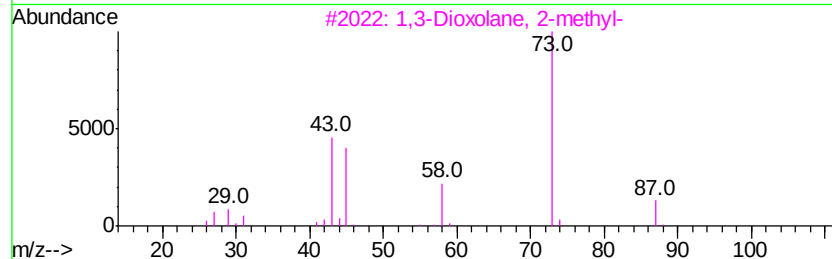
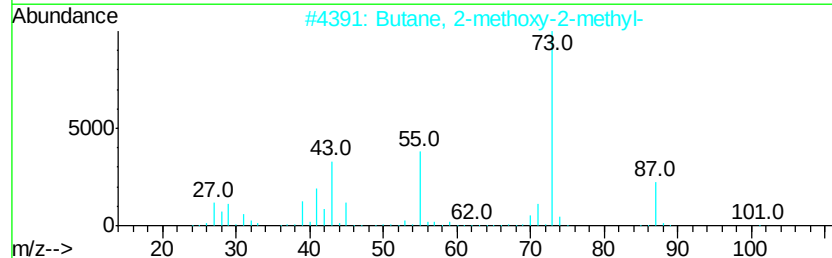
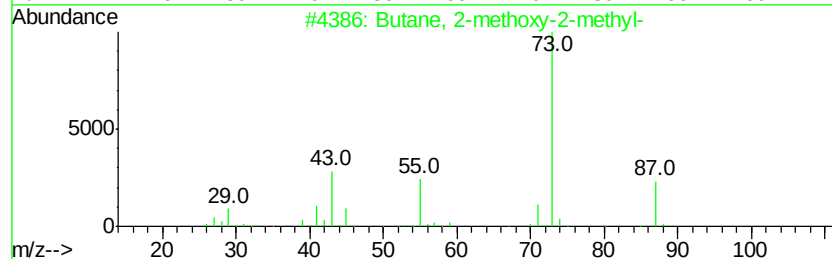
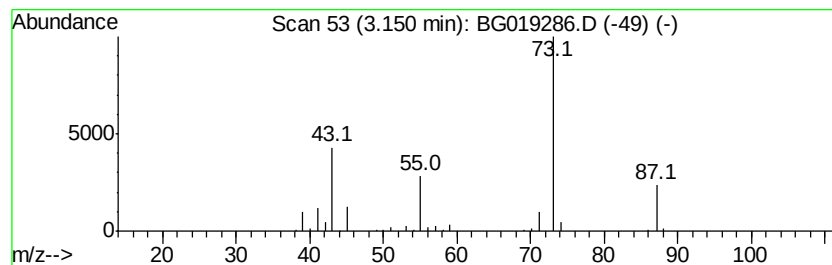
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

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.
3.15	22.71 ng/ul	96949	1,4-Dichlorobenzene-d4	7.99

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	72
3		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
4		Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
5		2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	9



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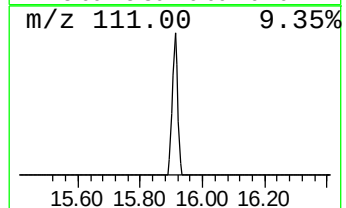
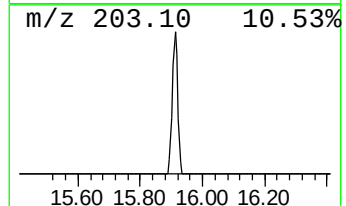
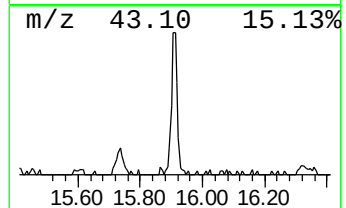
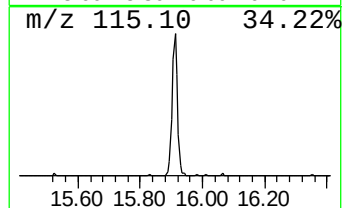
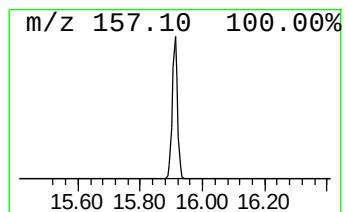
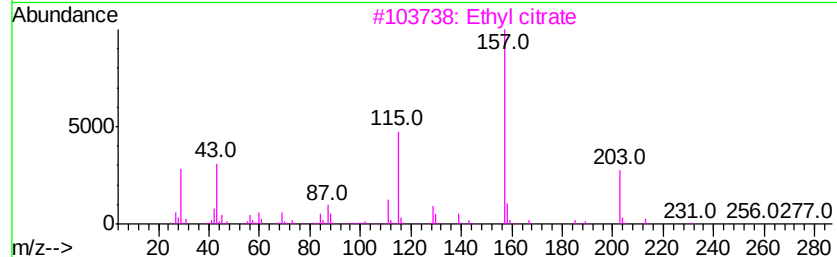
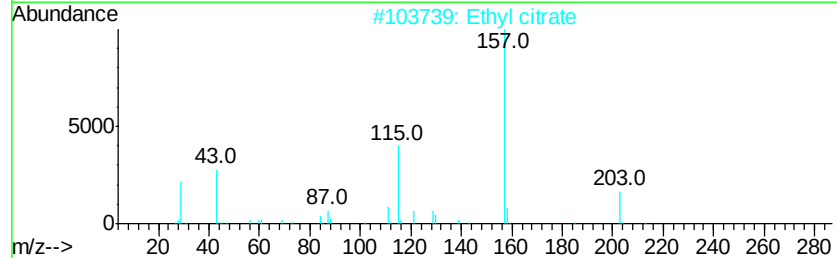
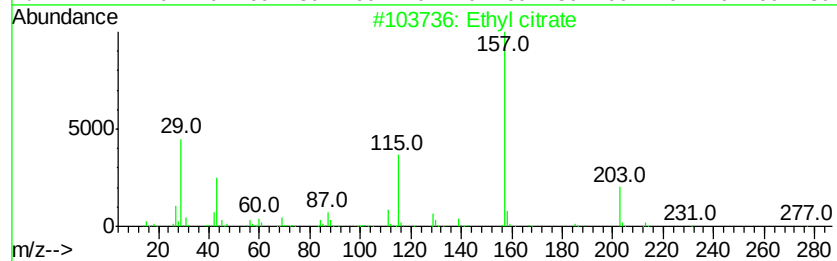
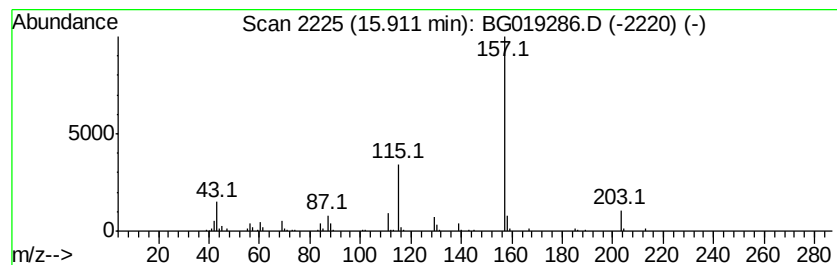
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 Ethyl citrate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.91	9.94 ng/ul	117678	Acenaphthene-d10	14.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethyl citrate	276	C12H2007	000077-93-0	87
2		Ethyl citrate	276	C12H2007	000077-93-0	83
3		Ethyl citrate	276	C12H2007	000077-93-0	50
4		Ethyl citrate	276	C12H2007	000077-93-0	47
5		Hexanedioic acid, 3-ethyl-, bis(...	286	C16H3004	057983-54-7	39



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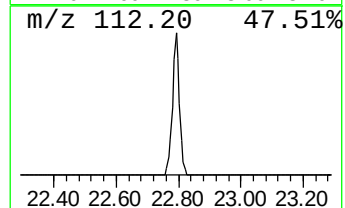
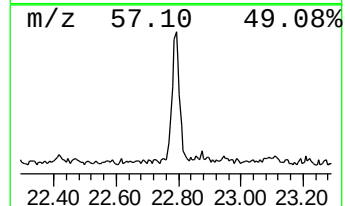
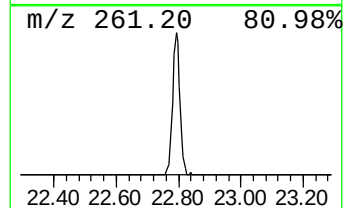
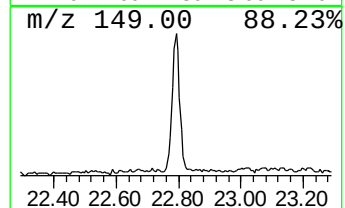
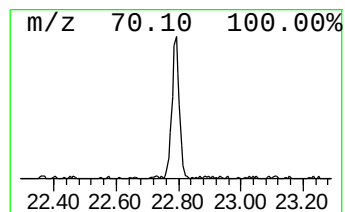
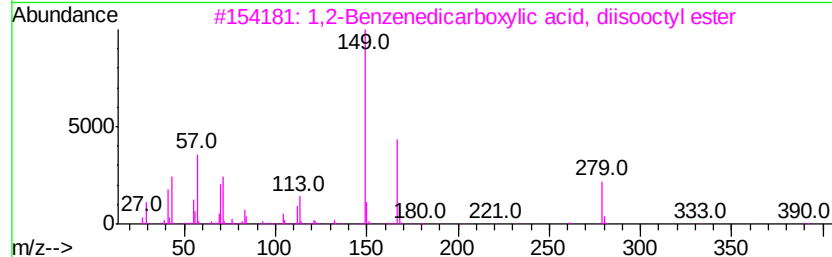
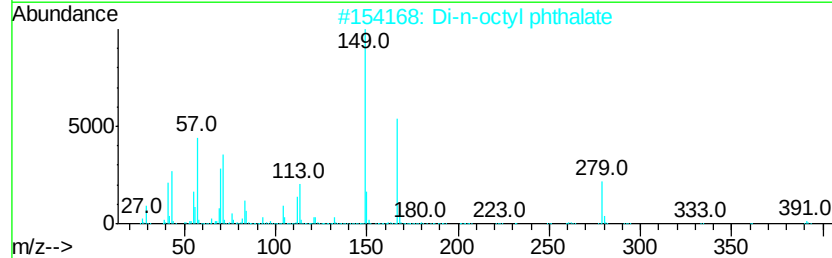
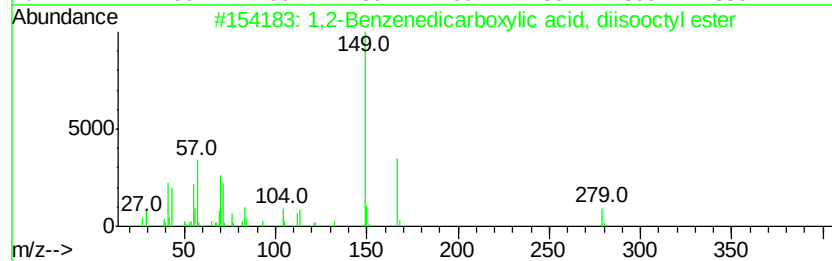
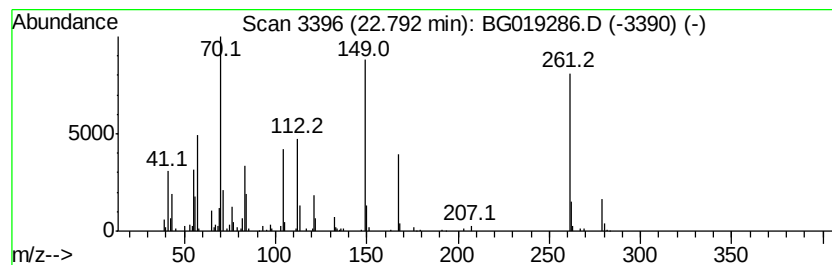
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Quant Title : SVOA CALIBRATION

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TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.79	9.95 ng/ul	182232	Chrysene-d12	21.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,2-Benzenedicarboxylic acid, di...	390	C24H38O4	027554-26-3	27
2		Di-n-octyl phthalate	390	C24H38O4	000117-84-0	27
3		1,2-Benzenedicarboxylic acid, di...	390	C24H38O4	027554-26-3	22
4		Bis(2-ethylhexyl) phthalate	390	C24H38O4	000117-81-7	22
5		Di-n-octyl phthalate	390	C24H38O4	000117-84-0	22



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Operator : UM/NP
Sample : G4057-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E5LL3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.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...	3.15	22.7	ng/ul	96949	1	7.99	85375	20.0
Ethyl citrate	15.91	9.9	ng/ul	117678	3	14.62	236788	20.0
unknown-01	22.79	9.9	ng/ul	182232	5	21.63	366168	20.0