

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102115\
 Data File : BG019285.D
 Acq On : 21 Oct 2015 18:11
 Operator : UM/NP
 Sample : G4057-05
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LL1

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	36	41	49	rBV	31372	52232	11.18%	1.014%
2	3.149	49	53	64	rVB	76161	107147	22.94%	2.079%
3	5.088	378	383	387	rVB	3276	4866	1.04%	0.094%
4	7.162	731	736	743	rBV	12519	20132	4.31%	0.391%
5	7.309	755	761	769	rVB	37011	59079	12.65%	1.147%
6	7.521	791	797	806	rBV	44470	73426	15.72%	1.425%
7	7.985	870	876	883	rBV	48223	78173	16.74%	1.517%
8	8.038	883	885	891	rVB3	945	1139	0.24%	0.022%
9	8.702	992	998	1006	rVB2	35777	61640	13.20%	1.196%
10	9.148	1067	1074	1082	rVB	59246	100186	21.45%	1.944%
11	9.313	1100	1102	1109	rVB2	636	1068	0.23%	0.021%
12	9.418	1117	1120	1123	rVB3	1355	1540	0.33%	0.030%
13	9.518	1136	1137	1143	rVB3	970	1403	0.30%	0.027%
14	9.871	1190	1197	1204	rBV	53273	94412	20.22%	1.832%
15	10.423	1284	1291	1298	rBV	79031	135097	28.93%	2.622%
16	10.793	1347	1354	1361	rVB	76301	134993	28.91%	2.620%
17	11.199	1419	1423	1428	rVB2	1361	2125	0.46%	0.041%
18	11.387	1451	1455	1458	rVB3	1036	1197	0.26%	0.023%
19	11.916	1541	1545	1549	rVB3	1316	2228	0.48%	0.043%
20	12.045	1562	1567	1573	rVB2	1275	1943	0.42%	0.038%
21	12.374	1619	1623	1626	rBV2	1340	1659	0.36%	0.032%
22	12.480	1637	1641	1650	rBV3	4480	7219	1.55%	0.140%
23	12.550	1650	1653	1659	rVB4	1549	2048	0.44%	0.040%
24	12.662	1670	1672	1676	rBV2	1554	1635	0.35%	0.032%
25	12.773	1688	1691	1695	rBV2	988	1060	0.23%	0.021%
26	12.873	1703	1708	1710	rBV2	510	859	0.18%	0.017%
27	12.973	1721	1725	1729	rVB3	6530	8283	1.77%	0.161%
28	13.026	1729	1734	1736	rBV3	3492	5059	1.08%	0.098%
29	13.331	1783	1786	1794	rVB4	1161	2099	0.45%	0.041%
30	13.755	1855	1858	1860	rVB2	1262	1058	0.23%	0.021%
31	13.790	1860	1864	1868	rVB2	1230	1716	0.37%	0.033%
32	14.025	1898	1904	1909	rBV	183132	250446	53.63%	4.861%
33	14.072	1909	1912	1916	rVV	9463	12421	2.66%	0.241%
34	14.119	1916	1920	1926	rVB3	2611	3126	0.67%	0.061%

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 Title : SVOA CALIBRATION

35	14.213	1931	1936	1940	rVB3	930	1333	0.29%	0.026%
36	14.319	1947	1954	1961	rBV	184183	285542	61.15%	5.542%
37	14.436	1970	1974	1978	rBV	681	969	0.21%	0.019%
38	14.507	1982	1986	1987	rVV2	949	1202	0.26%	0.023%
39	14.554	1990	1994	1998	rVB2	719	1027	0.22%	0.020%
40	14.624	1998	2006	2014	rBV2	150323	234817	50.28%	4.557%
41	14.700	2015	2019	2024	rVB2	1292	2078	0.44%	0.040%
42	14.841	2037	2043	2052	rVB3	16011	27164	5.82%	0.527%
43	15.012	2070	2072	2075	rBV2	1251	1439	0.31%	0.028%
44	15.041	2075	2077	2082	rVB3	866	1056	0.23%	0.020%
45	15.411	2137	2140	2144	rBV3	1584	3110	0.67%	0.060%
46	15.458	2146	2148	2151	rVV2	3104	3426	0.73%	0.066%
47	15.558	2162	2165	2167	rBV2	874	1112	0.24%	0.022%
48	15.611	2168	2174	2182	rVB	251476	379500	81.27%	7.365%
49	15.735	2188	2195	2201	rBV	90634	133682	28.63%	2.594%
50	15.782	2201	2203	2206	rVV	1365	1511	0.32%	0.029%
51	15.817	2206	2209	2211	rVV	848	952	0.20%	0.018%
52	15.864	2211	2217	2221	rVV5	3913	7751	1.66%	0.150%
53	15.911	2221	2225	2231	rVB	50289	61960	13.27%	1.202%
54	15.975	2235	2236	2241	rVB2	810	924	0.20%	0.018%
55	16.322	2287	2295	2298	rBV2	5143	7163	1.53%	0.139%
56	16.346	2298	2299	2306	rVB2	2328	3079	0.66%	0.060%
57	16.487	2320	2323	2324	rBV2	868	850	0.18%	0.016%
58	16.628	2341	2347	2349	rVB	766	1255	0.27%	0.024%
59	16.651	2349	2351	2352	rBV2	1085	827	0.18%	0.016%
60	16.722	2360	2363	2364	rBV	979	897	0.19%	0.017%
61	16.769	2367	2371	2372	rVV3	1056	1008	0.22%	0.020%
62	16.786	2372	2374	2378	rVB3	1216	1276	0.27%	0.025%
63	16.827	2378	2381	2386	rBV2	1175	1992	0.43%	0.039%
64	16.927	2396	2398	2402	rVB2	726	878	0.19%	0.017%
65	16.980	2405	2407	2412	rVV3	959	1484	0.32%	0.029%
66	17.039	2415	2417	2419	rVB2	1029	994	0.21%	0.019%
67	17.109	2426	2429	2433	rBV	4896	6335	1.36%	0.123%
68	17.168	2433	2439	2442	rVB4	2140	4258	0.91%	0.083%
69	17.274	2455	2457	2460	rVB4	1413	1775	0.38%	0.034%
70	17.368	2466	2473	2480	rBV2	191060	285597	61.16%	5.543%
71	17.427	2480	2483	2484	rVV3	1196	1191	0.26%	0.023%

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72	17.468	2484	2490	2496	rVV2	277230	414337	88.73%	8.041%
73	17.556	2500	2505	2513	rVB3	6704	12332	2.64%	0.239%
74	17.644	2516	2520	2523	rBV2	1052	1361	0.29%	0.026%
75	17.738	2531	2536	2538	rBV3	1604	2373	0.51%	0.046%
76	17.856	2551	2556	2560	rBV2	4178	5564	1.19%	0.108%
77	18.096	2594	2597	2599	rBV2	1227	1331	0.29%	0.026%
78	18.132	2601	2603	2607	rVV2	1492	1789	0.38%	0.035%
79	18.255	2619	2624	2631	rBV3	16518	25643	5.49%	0.498%
80	18.326	2633	2636	2641	rVB	3369	4584	0.98%	0.089%
81	18.402	2647	2649	2651	rBV3	947	1044	0.22%	0.020%
82	18.455	2656	2658	2661	rVB4	1161	885	0.19%	0.017%
83	18.502	2664	2666	2669	rVB3	819	872	0.19%	0.017%
84	18.543	2669	2673	2678	rBV4	3569	4965	1.06%	0.096%
85	18.625	2685	2687	2690	rBV3	1235	1009	0.22%	0.020%
86	18.802	2715	2717	2719	rBV3	1552	962	0.21%	0.019%
87	18.843	2722	2724	2725	rBV	902	833	0.18%	0.016%
88	19.031	2753	2756	2760	rBV3	2697	3669	0.79%	0.071%
89	19.078	2762	2764	2766	rVV3	3161	2900	0.62%	0.056%
90	19.113	2769	2770	2773	rBV2	1242	1354	0.29%	0.026%
91	19.178	2777	2781	2784	rVB3	2898	3265	0.70%	0.063%
92	19.407	2814	2820	2823	rBV6	5009	10205	2.19%	0.198%
93	19.524	2838	2840	2842	rBV2	3218	2765	0.59%	0.054%
94	19.642	2858	2860	2865	rBV5	2946	3966	0.85%	0.077%
95	19.753	2873	2879	2888	rVB	332356	466963	100.00%	9.063%
96	21.516	3176	3179	3185	rVB	22175	32667	7.00%	0.634%
97	21.634	3193	3199	3205	rVB2	212652	345568	74.00%	6.707%
98	22.797	3391	3397	3404	rBV2	174602	289237	61.94%	5.613%
99	24.607	3698	3705	3717	rVB	173411	466986	100.00%	9.063%
100	24.830	3735	3743	3754	rVB	128109	339106	72.62%	6.581%

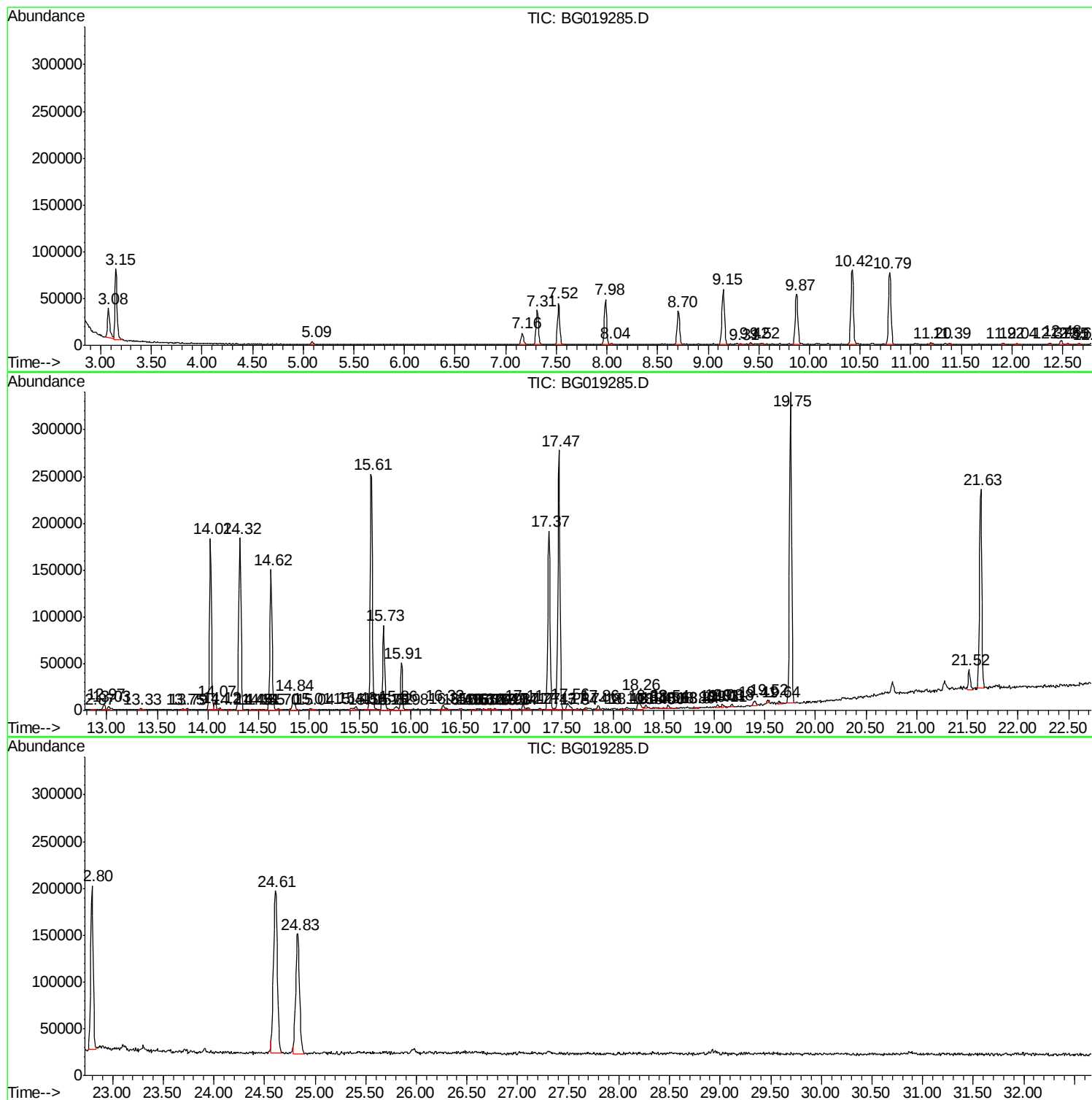
Sum of corrected areas: 5152663

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



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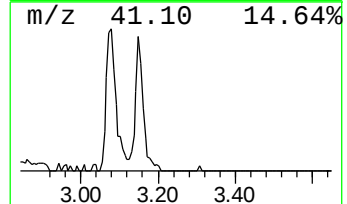
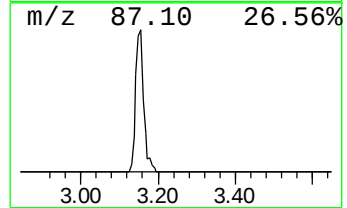
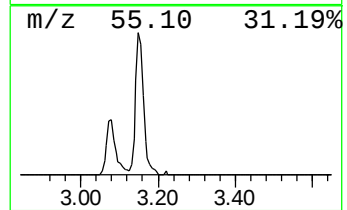
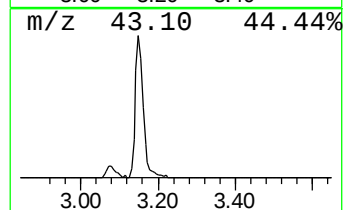
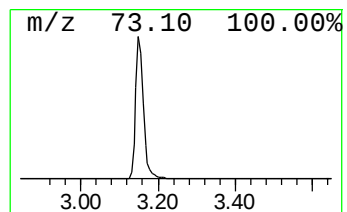
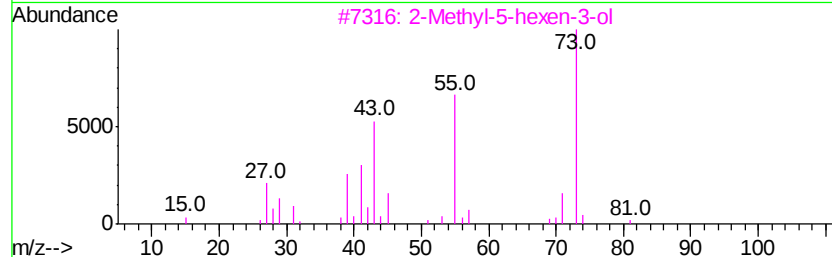
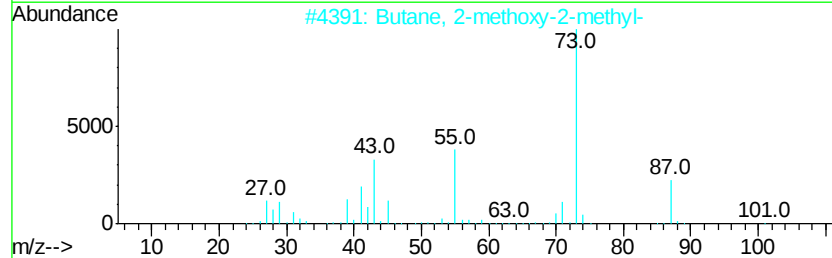
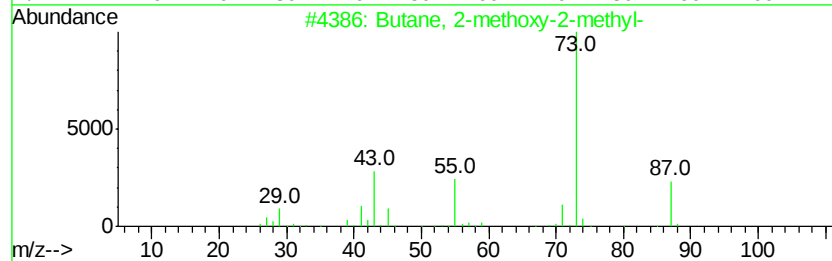
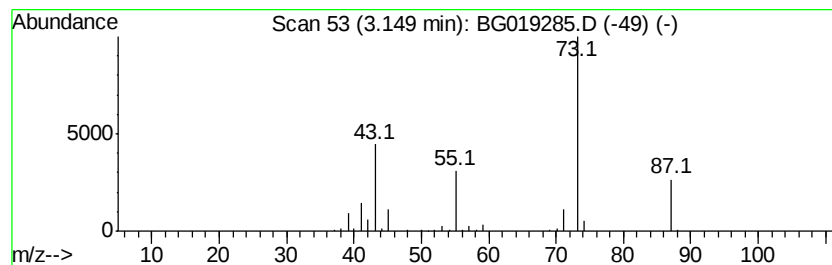
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

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	27.41 ng/ul	107147	1,4-Dichlorobenzene-d4	7.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
3		2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	33
4		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5		Silane, tetramethyl-	88	C4H12Si	000075-76-3	17



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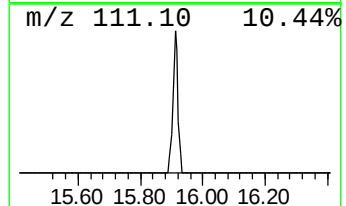
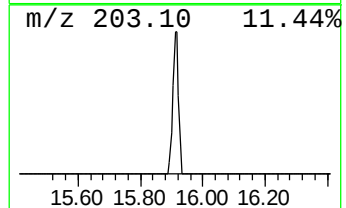
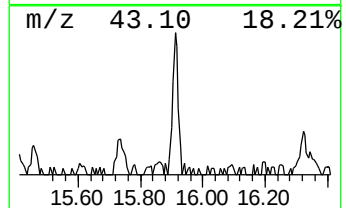
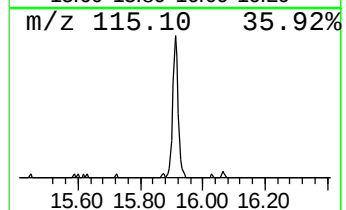
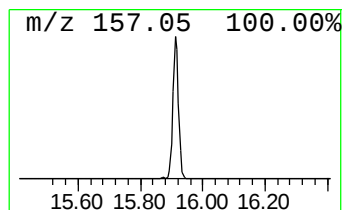
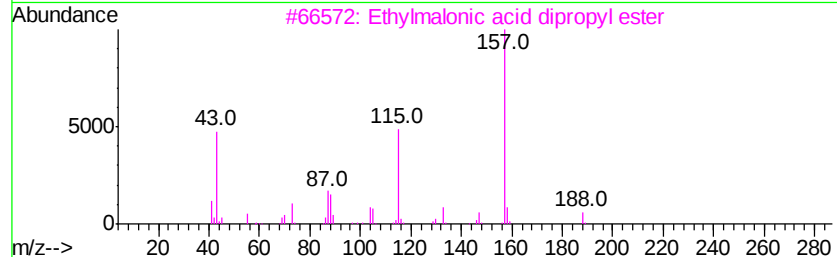
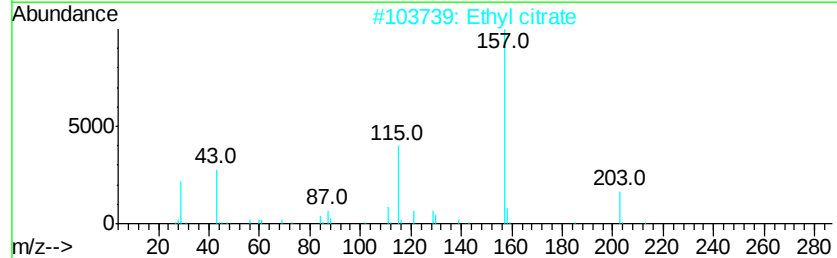
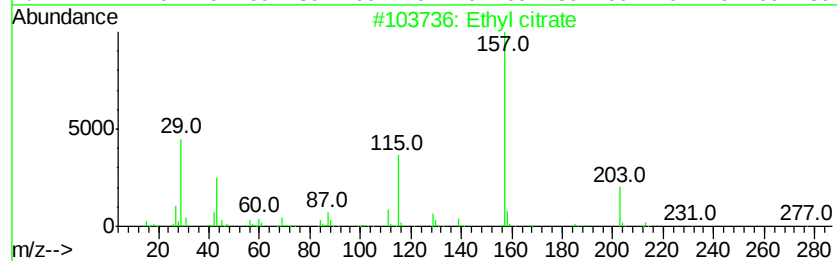
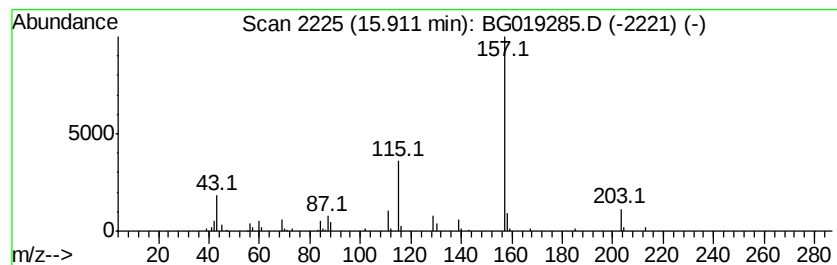
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

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	5.28 ng/ul	61960	Acenaphthene-d10	14.62

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Ethyl citrate	276	C12H2007	000077-93-0	87
2		Ethyl citrate	276	C12H2007	000077-93-0	78
3		Ethylmalonic acid dipropyl ester	216	C11H2004	001113-91-3	64
4		Ethyl citrate	276	C12H2007	000077-93-0	62
5		Ethyl citrate	276	C12H2007	000077-93-0	53



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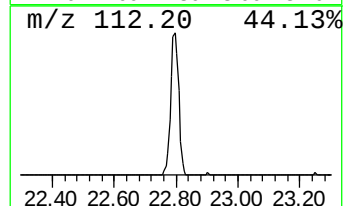
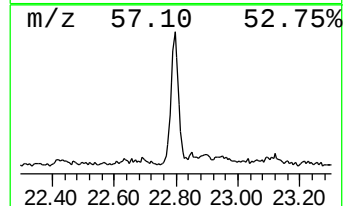
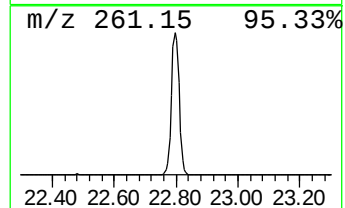
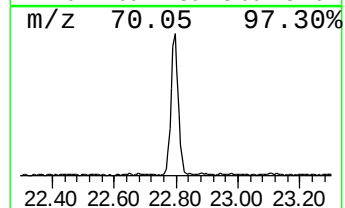
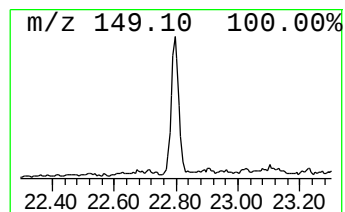
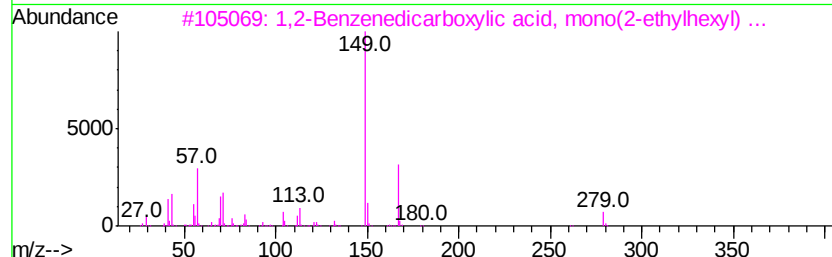
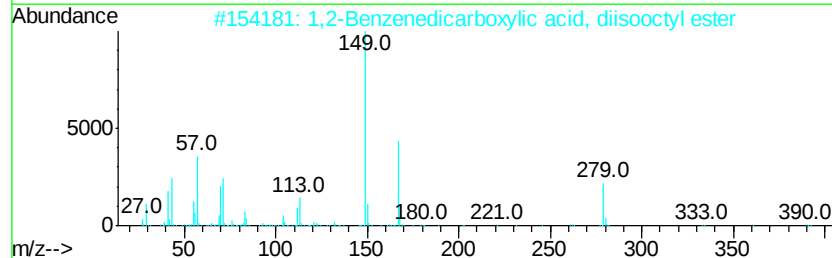
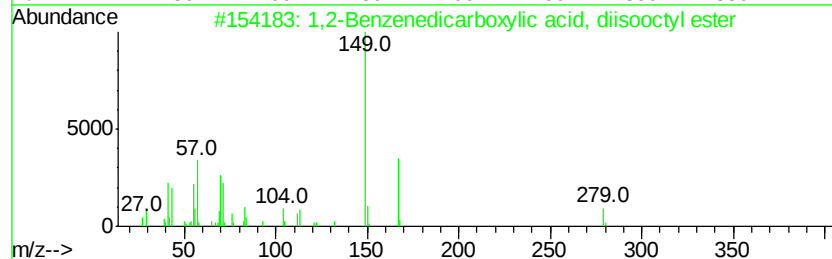
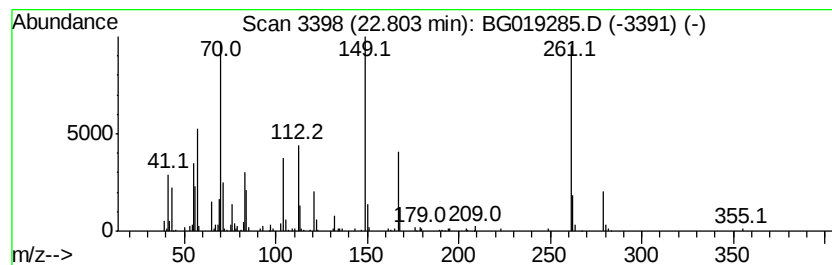
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.80	16.74 ng/ul	289237	Chrysene-d12	21.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,2-Benzenedicarboxylic acid, di...	390	C24H3804	027554-26-3	38
2		1,2-Benzenedicarboxylic acid, di...	390	C24H3804	027554-26-3	30
3		1,2-Benzenedicarboxylic acid, mo...	278	C16H2204	004376-20-9	27
4		1,2-Benzenedicarboxylic acid, mo...	278	C16H2204	004376-20-9	22
5		Bromoacetic acid, 2-ethylhexyl e...	250	C10H19BrO2	068144-73-0	14



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Acq On : 21 Oct 2015 18:11
Operator : UM/NP
Sample : G4057-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E5LL1

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	27.4	ng/ul	107147	1	7.98	78173	20.0
Ethyl citrate	15.91	5.3	ng/ul	61960	3	14.62	234817	20.0
unknown-01	22.80	16.7	ng/ul	289237	5	21.63	345568	20.0