

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102115\
 Data File : BG019290.D
 Acq On : 21 Oct 2015 21:22
 Operator : UM/NP
 Sample : G4057-11
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LM4

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	3.073	36	40	47	rBV	28311	47184	9.15%	0.948%
2	3.156	49	54	61	rBV	64860	90910	17.62%	1.827%
3	3.573	123	125	129	rVB4	658	706	0.14%	0.014%
4	3.655	137	139	140	rBV2	1093	680	0.13%	0.014%
5	3.708	146	148	150	rBV	798	836	0.16%	0.017%
6	4.272	241	244	246	rBV3	786	850	0.16%	0.017%
7	4.583	296	297	301	rBV	758	917	0.18%	0.018%
8	7.116	725	728	730	rBV2	1259	1107	0.21%	0.022%
9	7.163	730	736	746	rVB2	11222	18553	3.60%	0.373%
10	7.309	755	761	769	rVB	38981	65483	12.69%	1.316%
11	7.521	791	797	804	rVB	45671	75404	14.61%	1.516%
12	7.985	870	876	883	rBV	49945	84259	16.33%	1.694%
13	8.702	991	998	1005	rBV2	36033	60142	11.66%	1.209%
14	9.148	1067	1074	1084	rBV	62088	108697	21.07%	2.185%
15	9.530	1136	1139	1140	rBV	713	855	0.17%	0.017%
16	9.566	1140	1145	1150	rVB	6644	9553	1.85%	0.192%
17	9.871	1191	1197	1204	rVB	60298	101087	19.59%	2.032%
18	10.418	1284	1290	1299	rVB	83877	141052	27.34%	2.835%
19	10.788	1347	1353	1361	rBV	79932	140506	27.23%	2.824%
20	11.035	1391	1395	1398	rVB2	762	1076	0.21%	0.022%
21	11.205	1420	1424	1429	rVB4	1332	1918	0.37%	0.039%
22	11.928	1546	1547	1552	rBV	485	795	0.15%	0.016%
23	12.057	1564	1569	1573	rBV3	3291	4467	0.87%	0.090%
24	12.368	1619	1622	1632	rVB3	1352	2090	0.41%	0.042%
25	12.979	1721	1726	1728	rBV3	1237	1674	0.32%	0.034%
26	13.220	1764	1767	1770	rBB2	1766	1894	0.37%	0.038%
27	14.025	1897	1904	1909	rBV	175648	262705	50.92%	5.281%
28	14.066	1909	1911	1914	rVB	1053	1183	0.23%	0.024%
29	14.113	1917	1919	1922	rBV	711	880	0.17%	0.018%
30	14.313	1947	1953	1960	rVB	192120	293809	56.95%	5.906%
31	14.431	1969	1973	1974	rBV	711	692	0.13%	0.014%
32	14.619	1998	2005	2013	rVB2	141904	229221	44.43%	4.608%
33	14.842	2035	2043	2052	rBV2	13328	23777	4.61%	0.478%
34	15.036	2072	2076	2078	rVB2	1021	1343	0.26%	0.027%

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35	15.429	2135	2143	2147	rBV2	8258	15872	3.08%	0.319%
36	15.611	2167	2174	2183	rVB	271099	393413	76.25%	7.908%
37	15.729	2185	2194	2200	rBV	94857	140284	27.19%	2.820%
38	15.847	2210	2214	2220	rVB	2180	3037	0.59%	0.061%
39	15.911	2220	2225	2230	rVB	21891	28580	5.54%	0.575%
40	16.093	2252	2256	2258	rBV	688	879	0.17%	0.018%
41	16.240	2277	2281	2283	rBV2	1254	1307	0.25%	0.026%
42	16.322	2291	2295	2299	rBV	721	993	0.19%	0.020%
43	16.493	2320	2324	2330	rBV2	1798	2759	0.53%	0.055%
44	16.563	2335	2336	2339	rBV	669	701	0.14%	0.014%
45	16.622	2342	2346	2350	rVB2	732	1135	0.22%	0.023%
46	16.775	2367	2372	2374	rBV	638	1016	0.20%	0.020%
47	17.110	2426	2429	2432	rVB	1253	1335	0.26%	0.027%
48	17.151	2432	2436	2439	rBV2	1279	1709	0.33%	0.034%
49	17.274	2454	2457	2459	rBV	1126	949	0.18%	0.019%
50	17.315	2461	2464	2466	rBV	728	878	0.17%	0.018%
51	17.362	2466	2472	2481	rVV	195919	289891	56.19%	5.827%
52	17.462	2483	2489	2497	rVB2	288537	434248	84.17%	8.729%
53	17.562	2502	2506	2509	rVV2	2122	2898	0.56%	0.058%
54	17.639	2513	2519	2524	rBV3	1666	2909	0.56%	0.058%
55	17.738	2532	2536	2539	rBV4	2378	3282	0.64%	0.066%
56	17.850	2552	2555	2559	rVB4	1132	1173	0.23%	0.024%
57	18.020	2582	2584	2586	rBV	956	826	0.16%	0.017%
58	18.250	2619	2623	2629	rBV4	11767	16515	3.20%	0.332%
59	18.326	2632	2636	2639	rVV4	2671	4132	0.80%	0.083%
60	18.385	2643	2646	2647	rVV	834	689	0.13%	0.014%
61	18.420	2651	2652	2656	rBV2	618	823	0.16%	0.017%
62	18.455	2656	2658	2663	rVB4	931	1042	0.20%	0.021%
63	18.661	2690	2693	2695	rBV4	897	1034	0.20%	0.021%
64	18.678	2695	2696	2699	rVB3	1018	693	0.13%	0.014%
65	18.720	2699	2703	2709	rBV2	958	1817	0.35%	0.037%
66	18.878	2729	2730	2734	rBV	852	915	0.18%	0.018%
67	19.113	2766	2770	2771	rBV3	1388	2108	0.41%	0.042%
68	19.190	2781	2783	2785	rBV3	1265	1461	0.28%	0.029%
69	19.331	2804	2807	2808	rBV3	1094	1184	0.23%	0.024%
70	19.384	2813	2816	2822	rVV3	4165	6696	1.30%	0.135%
71	19.525	2835	2840	2845	rBV3	6268	9768	1.89%	0.196%

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72	19.636	2854	2859	2863	rVB4	3164	5013	0.97%	0.101%
73	19.695	2867	2869	2871	rBV2	1374	1482	0.29%	0.030%
74	19.754	2872	2879	2887	rVV	348812	509090	98.67%	10.234%
75	20.112	2939	2940	2942	rBV2	2891	1564	0.30%	0.031%
76	21.516	3174	3179	3183	rVB	44923	58641	11.37%	1.179%
77	21.628	3192	3198	3204	rBV	236460	355385	68.88%	7.144%
78	22.791	3392	3396	3402	rVB3	19659	33073	6.41%	0.665%
79	24.601	3695	3704	3716	rVB	192229	515946	100.00%	10.372%
80	24.818	3733	3741	3751	rVB2	122596	339156	65.73%	6.818%

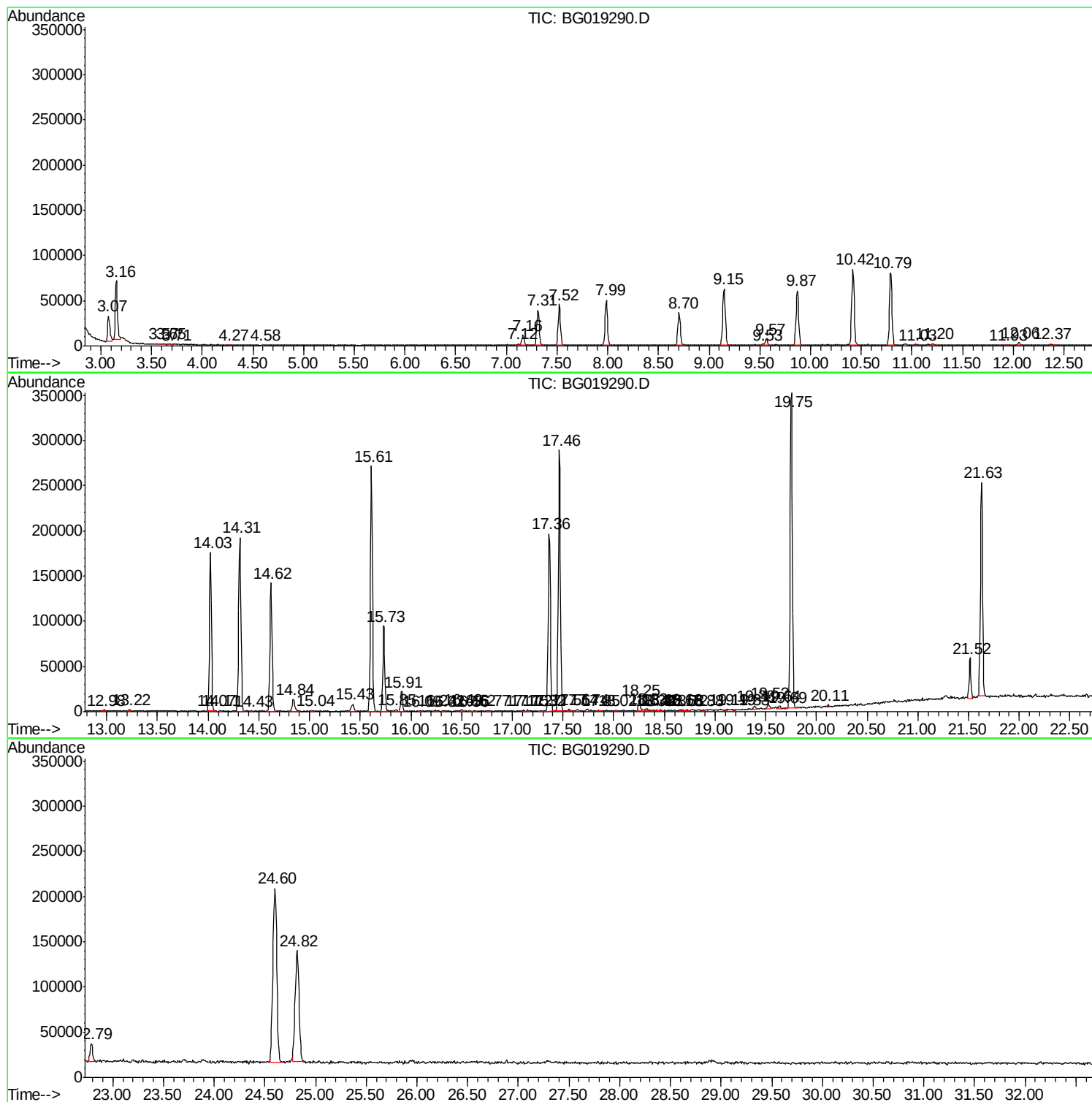
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

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



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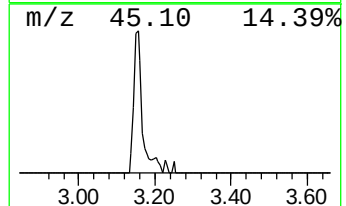
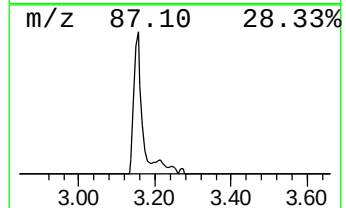
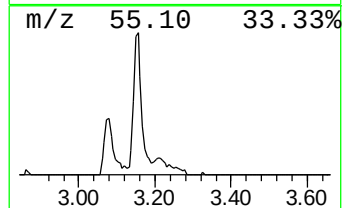
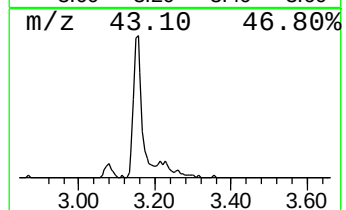
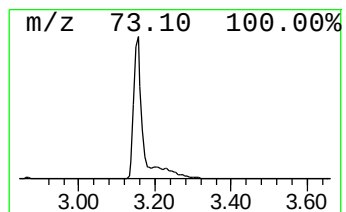
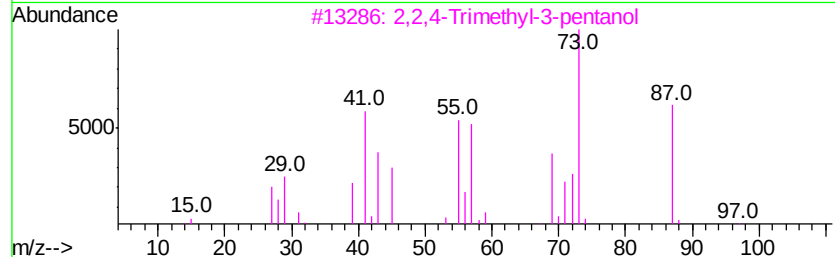
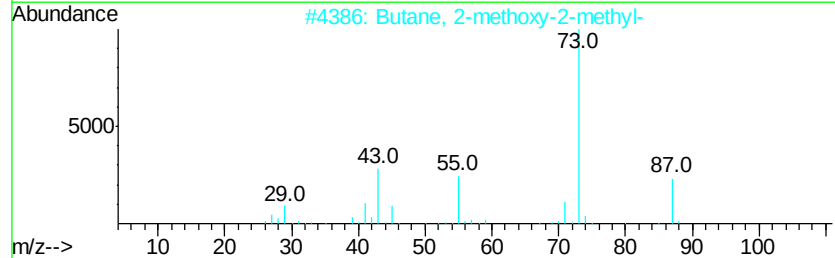
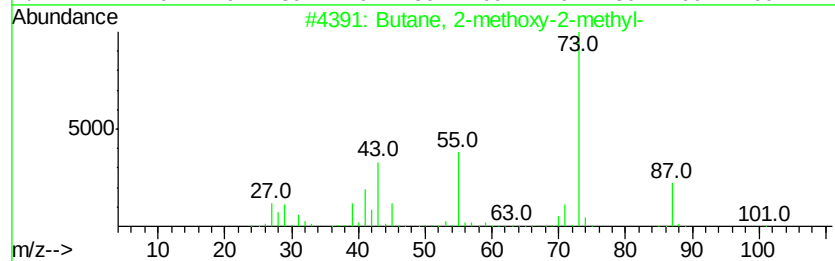
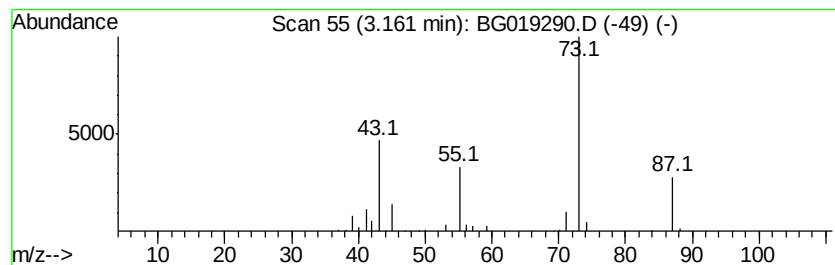
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.16	21.58 ng/ul	90910	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	78
3		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4		Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	38
5		Boronic acid, ethyl-, dimethyl e...	102	C4H11BO2	007318-82-3	12



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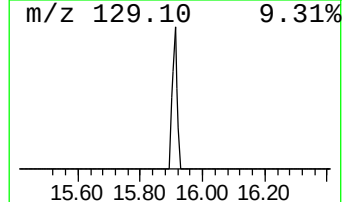
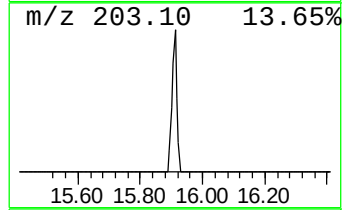
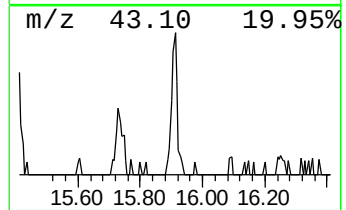
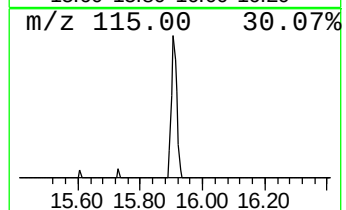
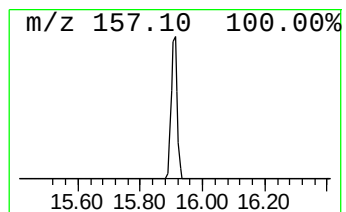
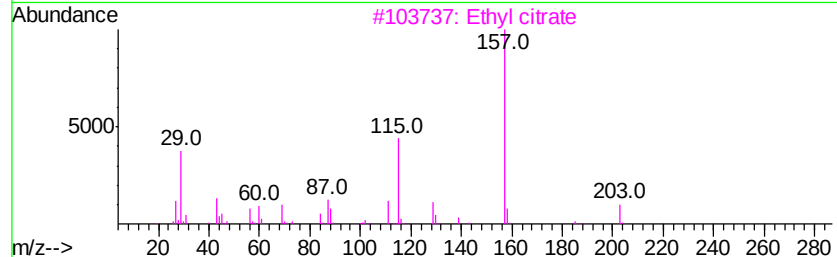
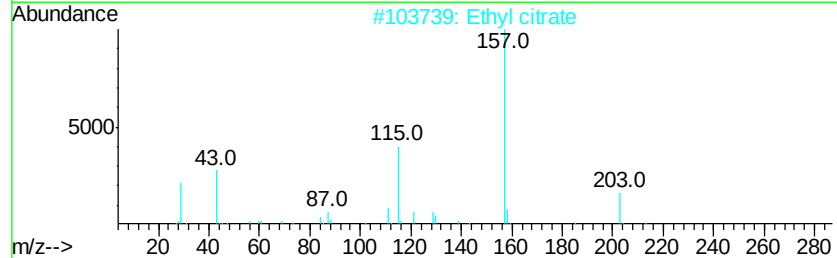
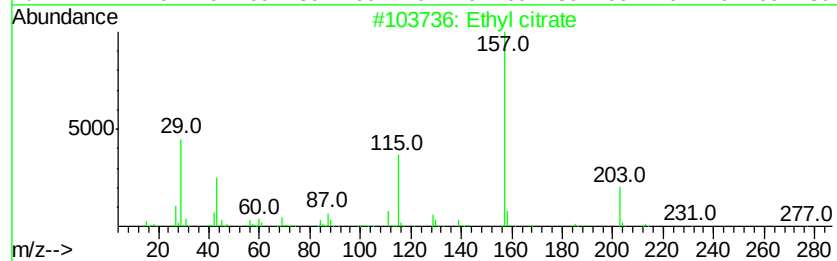
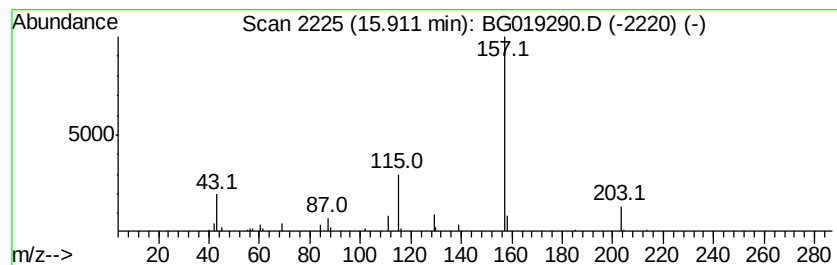
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Peak Number 3 Ethyl citrate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.91	2.49 ng/ul	28580	Acenaphthene-d10	14.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethyl citrate	276	C12H20O7	000077-93-0	91
2		Ethyl citrate	276	C12H20O7	000077-93-0	90
3		Ethyl citrate	276	C12H20O7	000077-93-0	83
4		Ethyl citrate	276	C12H20O7	000077-93-0	58
5		1-Amino-2-methylnaphthalene	157	C11H11N	002246-44-8	53



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	3.16	21.6	ng/ul	90910	1	7.99	84259	20.0
Ethyl citrate	15.91	2.5	ng/ul	28580	3	14.62	229221	20.0