

Instrument :

FID_G

ClientSampleId :

BU-02-12282023MSD

rteres

Area Percent Report

Manual IntegrationsAPPROVED

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG013329.D

Data File : FG013329.D

Signal(s) : FID1A.ch

Acq On : 02 Jan 2024 14:47

Sample : 06041-01MSD

Misc :

ALS Vial : 15 Sample Multiplier: 1

Reviewed By :Yogesh Patel 01/03/2024

Supervised By :Ankita Jodhani 01/03/2024

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG120423.M

Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	1.963	1.935	1.986	BV	219	2346	0.10%	0.004%
2	2.007	1.986	2.029	PV	186	2453	0.10%	0.004%
3	2.068	2.029	2.144	PV	114551	1298984	54.14%	1.943%
4	2.150	2.144	2.156	VV	205	1242	0.05%	0.002%
5	2.162	2.156	2.192	VV	183	2561	0.11%	0.004%
6	2.202	2.192	2.214	VV	125	1024	0.04%	0.002%
7	2.226	2.214	2.234	VV	124	836	0.03%	0.001%
8	2.238	2.234	2.254	VV	79	777	0.03%	0.001%
9	2.258	2.254	2.264	VV	95	474	0.02%	0.001%
10	2.274	2.264	2.278	VV	189	1175	0.05%	0.002%
11	2.283	2.278	2.302	VV	168	1793	0.07%	0.003%
12	2.311	2.302	2.336	VV	452	6419	0.27%	0.010%
13	2.342	2.336	2.348	VV	223	1452	0.06%	0.002%
14	2.364	2.348	2.411	VV	1602	22325	0.93%	0.033%
15	2.415	2.411	2.432	VV	175	1456	0.06%	0.002%
16	2.435	2.432	2.448	VV	179	1231	0.05%	0.002%
17	2.454	2.448	2.460	VV	129	679	0.03%	0.001%
18	2.464	2.460	2.494	VV	102	1090	0.05%	0.002%
19	2.517	2.494	2.549	PV	143	3208	0.13%	0.005%
20	2.554	2.549	2.564	VV	115	597	0.02%	0.001%
21	2.567	2.564	2.574	VV	78	342	0.01%	0.001%
22	2.579	2.574	2.611	VV	99	1356	0.06%	0.002%
23	2.615	2.611	2.619	VV	89	306	0.01%	0.000%
24	2.641	2.619	2.654	VV	181	1693	0.07%	0.003%
25	2.665	2.654	2.670	PV	100	678	0.03%	0.001%
26	2.678	2.670	2.682	VV	100	418	0.02%	0.001%
27	2.685	2.682	2.701	VV	69	455	0.02%	0.001%
28	2.719	2.701	2.739	VV	87	1487	0.06%	0.002%
29	2.766	2.739	2.789	VV	203	4112	0.17%	0.006%
30	2.796	2.789	2.809	VV	101	769	0.03%	0.001%
31	2.813	2.809	2.822	VV	84	467	0.02%	0.001%

32	2.829	2.822	2.840	VV	143	999	0.04%	0.001%
33	2.856	2.840	2.861	VV	126	94		
34	2.865	2.861	2.869	VV	127	49		
35	2.877	2.869	2.894	VV	137	135		
36	2.897	2.894	2.906	VV	282	85		
37	2.911	2.906	2.915	VV	132	547	0.02%	0.001%
38	2.931	2.915	2.935	VV	136	1179	0.05%	0.002%
39	2.943	2.935	2.949	VV	138	831	0.03%	0.001%
40	2.966	2.949	2.970	VV	264	2291	0.10%	0.003%
41	2.976	2.970	2.984	VV	261	1881	0.08%	0.003%
42	2.989	2.984	2.998	VV	184	1353	0.06%	0.002%
43	3.030	2.998	3.040	VV	276	4491	0.19%	0.007%
44	3.046	3.040	3.060	VV	162	1370	0.06%	0.002%
45	3.080	3.060	3.104	VV	258	4340	0.18%	0.006%
46	3.109	3.104	3.136	VV	126	1765	0.07%	0.003%
47	3.155	3.136	3.165	VV	136	1642	0.07%	0.002%
48	3.168	3.165	3.180	VV	115	834	0.03%	0.001%
49	3.184	3.180	3.199	VV	117	866	0.04%	0.001%
50	3.213	3.199	3.238	VV	292	4629	0.19%	0.007%
51	3.256	3.238	3.271	VV	209	2633	0.11%	0.004%
52	3.275	3.271	3.281	VV	143	636	0.03%	0.001%
53	3.289	3.281	3.293	VV	124	785	0.03%	0.001%
54	3.297	3.293	3.314	VV	110	1167	0.05%	0.002%
55	3.328	3.314	3.363	VV	275	4830	0.20%	0.007%
56	3.369	3.363	3.378	VV	131	910	0.04%	0.001%
57	3.385	3.378	3.408	VV	113	1211	0.05%	0.002%
58	3.412	3.408	3.418	VV	108	512	0.02%	0.001%
59	3.428	3.418	3.433	VV	102	661	0.03%	0.001%
60	3.466	3.433	3.478	VV	144	2468	0.10%	0.004%
61	3.483	3.478	3.489	VV	93	512	0.02%	0.001%
62	3.495	3.489	3.500	VV	137	623	0.03%	0.001%
63	3.508	3.500	3.517	VV	154	1213	0.05%	0.002%
64	3.524	3.517	3.541	VV	169	2010	0.08%	0.003%
65	3.545	3.541	3.554	VV	174	1129	0.05%	0.002%
66	3.560	3.554	3.583	VV	168	1735	0.07%	0.003%
67	3.589	3.583	3.593	VV	149	587	0.02%	0.001%
68	3.603	3.593	3.614	VV	147	1290	0.05%	0.002%
69	3.619	3.614	3.628	VV	91	629	0.03%	0.001%
70	3.645	3.628	3.661	VV	145	1837	0.08%	0.003%
71	3.686	3.661	3.720	VV	657	9050	0.38%	0.014%
72	3.723	3.720	3.732	VV	86	442	0.02%	0.001%
73	3.748	3.732	3.754	VV	111	923	0.04%	0.001%
74	3.761	3.754	3.765	VV	97	428	0.02%	0.001%
75	3.772	3.765	3.777	VV	125	678	0.03%	0.001%
76	3.782	3.777	3.787	VV	167	813	0.03%	0.001%
77	3.792	3.787	3.801	VV	144	940	0.04%	0.001%
78	3.822	3.801	3.832	VV	142	2121	0.09%	0.003%
79	3.837	3.832	3.848	VV	167	1263	0.05%	0.002%

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80	3.855	3.848	3.869	VV	114	1105	0.05%	0.002%
81	3.874	3.869	3.880	VV	90	49		
82	3.903	3.880	3.910	VV	176	189		
83	3.918	3.910	3.931	VV	127	128		
84	3.936	3.931	3.940	VV	108	47		
85	3.950	3.940	3.957	VV	114	795	0.03%	0.001%
86	3.965	3.957	3.984	VV	120	1203	0.05%	0.002%
87	3.992	3.984	3.999	PV	42	268	0.01%	0.000%
88	4.007	3.999	4.011	VV	94	287	0.01%	0.000%
89	4.026	4.011	4.030	VV	129	949	0.04%	0.001%
90	4.034	4.030	4.040	VV	100	435	0.02%	0.001%
91	4.055	4.040	4.072	VV	147	1654	0.07%	0.002%
92	4.084	4.072	4.091	VV	101	671	0.03%	0.001%
93	4.097	4.091	4.102	VV	67	340	0.01%	0.001%
94	4.107	4.102	4.114	VV	112	452	0.02%	0.001%
95	4.141	4.114	4.153	VV	707	9183	0.38%	0.014%
96	4.173	4.153	4.201	VV	782	14148	0.59%	0.021%
97	4.207	4.201	4.218	VV	294	2588	0.11%	0.004%
98	4.232	4.218	4.237	VV	306	3013	0.13%	0.005%
99	4.240	4.237	4.264	VV	307	3494	0.15%	0.005%
100	4.273	4.264	4.285	VV	182	1846	0.08%	0.003%
101	4.289	4.285	4.296	VV	183	1131	0.05%	0.002%
102	4.309	4.296	4.315	VV	240	2198	0.09%	0.003%
103	4.325	4.315	4.335	VV	268	2496	0.10%	0.004%
104	4.355	4.335	4.385	VV	737	14581	0.61%	0.022%
105	4.391	4.385	4.403	VV	303	2976	0.12%	0.004%
106	4.415	4.403	4.442	VV	354	6541	0.27%	0.010%
107	4.449	4.442	4.468	VV	235	3048	0.13%	0.005%
108	4.483	4.468	4.489	VV	225	2307	0.10%	0.003%
109	4.493	4.489	4.499	VV	213	904	0.04%	0.001%
110	4.516	4.499	4.521	VV	178	1948	0.08%	0.003%
111	4.525	4.521	4.536	VV	191	1370	0.06%	0.002%
112	4.540	4.536	4.552	VV	181	1434	0.06%	0.002%
113	4.583	4.552	4.652	VV	153323	1575583	65.66%	2.357%
114	4.658	4.652	4.681	VV	527	7988	0.33%	0.012%
115	4.700	4.681	4.722	VV	513	9494	0.40%	0.014%
116	4.756	4.722	4.779	VV	598	12943	0.54%	0.019%
117	4.809	4.779	4.824	VV	415	9403	0.39%	0.014%
118	4.828	4.824	4.843	VV	354	3594	0.15%	0.005%
119	4.849	4.843	4.854	VV	306	1813	0.08%	0.003%
120	4.867	4.854	4.880	VV	430	5051	0.21%	0.008%
121	4.884	4.880	4.889	VV	304	1518	0.06%	0.002%
122	4.894	4.889	4.913	VV	338	3792	0.16%	0.006%
123	4.946	4.913	4.961	VV	300	6564	0.27%	0.010%
124	4.966	4.961	4.970	VV	279	1205	0.05%	0.002%
125	4.974	4.970	4.987	VV	271	2287	0.10%	0.003%
126	5.003	4.987	5.023	VV	281	5204	0.22%	0.008%

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127	5.030	5.023	5.035	VV	279	1764	0.07%	0.003%
128	5.041	5.035	5.045	VV	291	145		
129	5.050	5.045	5.063	VV	304	252		
130	5.068	5.063	5.076	VV	202	135		
131	5.100	5.076	5.121	VV	312	593		
132	5.124	5.121	5.129	VV	149	646	0.03%	0.001%
133	5.137	5.129	5.154	VV	183	2216	0.09%	0.003%
134	5.157	5.154	5.162	VV	162	684	0.03%	0.001%
135	5.170	5.162	5.175	VV	175	1172	0.05%	0.002%
136	5.203	5.175	5.214	VV	138	2482	0.10%	0.004%
137	5.242	5.214	5.248	VV	184	2401	0.10%	0.004%
138	5.252	5.248	5.276	VV	176	2294	0.10%	0.003%
139	5.293	5.276	5.321	VV	169	2817	0.12%	0.004%
140	5.338	5.321	5.366	VV	224	3496	0.15%	0.005%
141	5.374	5.366	5.388	VV	140	1373	0.06%	0.002%
142	5.403	5.388	5.420	VV	186	2200	0.09%	0.003%
143	5.424	5.420	5.449	VV	128	1325	0.06%	0.002%
144	5.454	5.449	5.458	PV	66	182	0.01%	0.000%
145	5.471	5.458	5.490	VV	121	1240	0.05%	0.002%
146	5.494	5.490	5.500	VV	88	438	0.02%	0.001%
147	5.504	5.500	5.512	VV	142	490	0.02%	0.001%
148	5.531	5.512	5.584	VV	492	10669	0.44%	0.016%
149	5.600	5.584	5.624	VV	212	3347	0.14%	0.005%
150	5.628	5.624	5.648	VV	103	907	0.04%	0.001%
151	5.659	5.648	5.681	VV	101	1185	0.05%	0.002%
152	5.690	5.681	5.703	VV	85	590	0.02%	0.001%
153	5.724	5.703	5.768	PV	649	10875	0.45%	0.016%
154	5.799	5.768	5.836	VV	217	4414	0.18%	0.007%
155	5.855	5.836	5.869	VV	162	2613	0.11%	0.004%
156	5.874	5.869	5.882	VV	155	988	0.04%	0.001%
157	5.888	5.882	5.893	VV	118	685	0.03%	0.001%
158	5.910	5.893	5.942	VV	386	6821	0.28%	0.010%
159	5.954	5.942	5.964	VV	117	1216	0.05%	0.002%
160	5.990	5.964	6.007	VV	219	3358	0.14%	0.005%
161	6.024	6.007	6.032	VV	273	3315	0.14%	0.005%
162	6.037	6.032	6.062	VV	247	3114	0.13%	0.005%
163	6.065	6.062	6.070	VV	187	551	0.02%	0.001%
164	6.085	6.070	6.088	VV	116	962	0.04%	0.001%
165	6.093	6.088	6.102	VV	144	765	0.03%	0.001%
166	6.112	6.102	6.124	VV	142	1306	0.05%	0.002%
167	6.129	6.124	6.136	VV	136	722	0.03%	0.001%
168	6.138	6.136	6.145	VV	104	384	0.02%	0.001%
169	6.163	6.145	6.174	VV	96	900	0.04%	0.001%
170	6.188	6.174	6.194	VV	115	650	0.03%	0.001%
171	6.205	6.194	6.224	VV	198	1892	0.08%	0.003%
172	6.255	6.224	6.278	PV	144	3107	0.13%	0.005%
173	6.305	6.278	6.331	VV	884	17006	0.71%	0.025%
174	6.338	6.331	6.347	VV	555	5095	0.21%	0.008%

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175	6.354	6.347	6.376	VV	563	6341	0.26%	0.009%
176	6.381	6.376	6.386	VV	250	145		
177	6.400	6.386	6.432	VV	349	634		
178	6.465	6.432	6.488	VV	819	1326		
179	6.493	6.488	6.515	VV	298	284		
180	6.534	6.515	6.540	VV	168	1992	0.08%	0.003%
181	6.545	6.540	6.567	VV	149	1417	0.06%	0.002%
182	6.584	6.567	6.592	VV	176	1934	0.08%	0.003%
183	6.600	6.592	6.618	VV	222	2740	0.11%	0.004%
184	6.629	6.618	6.647	VV	243	3840	0.16%	0.006%
185	6.651	6.647	6.662	VV	264	1595	0.07%	0.002%
186	6.666	6.662	6.672	VV	182	1032	0.04%	0.002%
187	6.680	6.672	6.694	VV	227	2280	0.10%	0.003%
188	6.698	6.694	6.704	VV	144	695	0.03%	0.001%
189	6.707	6.704	6.721	VV	115	938	0.04%	0.001%
190	6.725	6.721	6.728	VV	150	427	0.02%	0.001%
191	6.757	6.728	6.885	VV	95878	1467195	61.15%	2.195%
192	6.910	6.885	6.999	VV	3163	164095	6.84%	0.245%
193	7.002	6.999	7.009	VV	1659	9440	0.39%	0.014%
194	7.016	7.009	7.072	VV	1516	49058	2.04%	0.073%
195	7.086	7.072	7.114	VV	1066	23179	0.97%	0.035%
196	7.118	7.114	7.142	VV	776	11861	0.49%	0.018%
197	7.147	7.142	7.156	VV	672	5549	0.23%	0.008%
198	7.171	7.156	7.206	VV	704	16894	0.70%	0.025%
199	7.212	7.206	7.239	VV	454	7706	0.32%	0.012%
200	7.243	7.239	7.246	VV	386	1540	0.06%	0.002%
201	7.269	7.246	7.282	VV	610	11075	0.46%	0.017%
202	7.293	7.282	7.318	VV	629	11028	0.46%	0.016%
203	7.334	7.318	7.364	VV	599	12294	0.51%	0.018%
204	7.386	7.364	7.390	VV	368	5297	0.22%	0.008%
205	7.409	7.390	7.430	VV	784	13996	0.58%	0.021%
206	7.437	7.430	7.464	VV	459	6944	0.29%	0.010%
207	7.484	7.464	7.527	VV	576	11972	0.50%	0.018%
208	7.543	7.527	7.568	VV	542	8227	0.34%	0.012%
209	7.582	7.568	7.586	VV	321	2741	0.11%	0.004%
210	7.589	7.586	7.637	VV	311	4007	0.17%	0.006%
211	7.645	7.637	7.654	PV	56	488	0.02%	0.001%
212	7.711	7.654	7.739	VV	1513	25893	1.08%	0.039%
213	7.751	7.739	7.782	VV	416	8439	0.35%	0.013%
214	7.797	7.782	7.818	VV	296	4994	0.21%	0.007%
215	7.820	7.818	7.824	VV	96	340	0.01%	0.001%
216	7.829	7.824	7.833	VV	137	488	0.02%	0.001%
217	7.838	7.833	7.863	VV	143	1549	0.06%	0.002%
218	7.887	7.863	7.929	VV	529	10763	0.45%	0.016%
219	7.943	7.929	7.956	VV	248	2368	0.10%	0.004%
220	7.962	7.956	7.968	VV	83	399	0.02%	0.001%
221	8.001	7.968	8.012	VV	374	5803	0.24%	0.009%

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222	8.031	8.012	8.042	VV	248	3294	0.14%	0.005%
223	8.047	8.042	8.068	VV	242	234		
224	8.087	8.068	8.116	VV	244	381		
225	8.149	8.116	8.152	VV	606	694		
226	8.167	8.152	8.187	VV	734	1275		
227	8.194	8.187	8.219	VV	515	7440	0.31%	0.011%
228	8.239	8.219	8.261	VV	558	8380	0.35%	0.013%
229	8.286	8.261	8.310	VV	874	13839	0.58%	0.021%
230	8.325	8.310	8.329	VV	813	7447	0.31%	0.011%
231	8.343	8.329	8.369	VV	1088	17988	0.75%	0.027%
232	8.377	8.369	8.384	VV	287	2271	0.09%	0.003%
233	8.411	8.384	8.436	VV	1169	20431	0.85%	0.031%
234	8.440	8.436	8.446	VV	475	2695	0.11%	0.004%
235	8.451	8.446	8.483	VV	463	8456	0.35%	0.013%
236	8.503	8.483	8.510	VV	737	8660	0.36%	0.013%
237	8.523	8.510	8.533	VV	744	9489	0.40%	0.014%
238	8.559	8.533	8.567	VV	3108	40404	1.68%	0.060%
239	8.594	8.567	8.692	VV	116448	1891356	78.82%	2.829%
240	8.705	8.692	8.744	VV	3017	71092	2.96%	0.106%
241	8.753	8.744	8.773	VV	1642	24838	1.04%	0.037%
242	8.783	8.773	8.799	VV	1207	16147	0.67%	0.024%
243	8.819	8.799	8.867	VV	1321	35323	1.47%	0.053%
244	8.872	8.867	8.876	VV	436	2463	0.10%	0.004%
245	8.884	8.876	8.908	VV	516	7274	0.30%	0.011%
246	8.921	8.908	8.933	VV	309	3516	0.15%	0.005%
247	8.971	8.933	8.979	VV	861	15760	0.66%	0.024%
248	9.008	8.979	9.036	VV	4335	79863	3.33%	0.119%
249	9.042	9.036	9.048	VV	1779	12422	0.52%	0.019%
250	9.051	9.048	9.068	VV	1750	18390	0.77%	0.028%
251	9.087	9.068	9.108	VV	1461	30024	1.25%	0.045%
252	9.134	9.108	9.171	VV	2734	54269	2.26%	0.081%
253	9.188	9.171	9.207	VV	826	15163	0.63%	0.023%
254	9.212	9.207	9.230	VV	699	8222	0.34%	0.012%
255	9.251	9.230	9.268	VV	1143	19701	0.82%	0.029%
256	9.285	9.268	9.332	VV	1702	47664	1.99%	0.071%
257	9.357	9.332	9.391	VV	1075	30799	1.28%	0.046%
258	9.424	9.391	9.453	VV	4700	79670	3.32%	0.119%
259	9.461	9.453	9.491	VV	1391	25211	1.05%	0.038%
260	9.506	9.491	9.538	VV	866	17709	0.74%	0.026%
261	9.574	9.538	9.601	VV	759	18587	0.77%	0.028%
262	9.623	9.601	9.642	VV	769	13138	0.55%	0.020%
263	9.659	9.642	9.692	VV	1003	20113	0.84%	0.030%
264	9.713	9.692	9.742	VV	890	19677	0.82%	0.029%
265	9.766	9.742	9.778	VV	1478	22754	0.95%	0.034%
266	9.806	9.778	9.860	VV	4854	122701	5.11%	0.184%
267	9.881	9.860	9.912	VV	1817	40439	1.69%	0.060%
268	9.933	9.912	9.943	VV	1449	22995	0.96%	0.034%
269	9.956	9.943	9.969	VV	1531	21621	0.90%	0.032%

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270	9.984	9.969	10.010	VV	2046	33322	1.39%	0.050%
271	10.016	10.010	10.020	VV	850	455		
272	10.037	10.020	10.058	VV	1128	2044		
273	10.064	10.058	10.073	VV	580	459		
274	10.091	10.073	10.103	VV	551	934		
275	10.131	10.103	10.137	VV	1190	17895	0.75%	0.027%
276	10.160	10.137	10.175	VV	1578	31325	1.31%	0.047%
277	10.208	10.175	10.302	VV	148237	2045801	85.26%	3.060%
278	10.312	10.302	10.355	VV	1051	19907	0.83%	0.030%
279	10.385	10.355	10.433	VV	637	16876	0.70%	0.025%
280	10.443	10.433	10.466	VV	282	4103	0.17%	0.006%
281	10.488	10.466	10.494	VV	596	6901	0.29%	0.010%
282	10.499	10.494	10.511	VV	588	5070	0.21%	0.008%
283	10.522	10.511	10.530	VV	545	5460	0.23%	0.008%
284	10.552	10.530	10.567	VV	1184	19584	0.82%	0.029%
285	10.598	10.567	10.631	VV	3747	67523	2.81%	0.101%
286	10.659	10.631	10.672	VV	1261	25773	1.07%	0.039%
287	10.690	10.672	10.716	VV	1715	30681	1.28%	0.046%
288	10.742	10.716	10.781	VV	1735	36347	1.51%	0.054%
289	10.808	10.781	10.812	VV	745	9260	0.39%	0.014%
290	10.815	10.812	10.825	VV	715	5273	0.22%	0.008%
291	10.874	10.825	10.898	VV	1065	36158	1.51%	0.054%
292	10.905	10.898	10.915	VV	951	8989	0.37%	0.013%
293	10.949	10.915	10.976	VV	6736	103194	4.30%	0.154%
294	10.980	10.976	10.994	VV	1355	12754	0.53%	0.019%
295	11.020	10.994	11.071	VV	5307	115493	4.81%	0.173%
296	11.075	11.071	11.103	VV	1023	14016	0.58%	0.021%
297	11.116	11.103	11.128	VV	520	6270	0.26%	0.009%
298	11.145	11.128	11.151	VV	438	4967	0.21%	0.007%
299	11.168	11.151	11.176	VV	481	6557	0.27%	0.010%
300	11.221	11.176	11.274	VV	23292	452666	18.87%	0.677%
301	11.298	11.274	11.330	VV	7313	137401	5.73%	0.206%
302	11.342	11.330	11.385	VV	2069	42950	1.79%	0.064%
303	11.404	11.385	11.441	VV	969	17563	0.73%	0.026%
304	11.458	11.441	11.493	VV	748	13253	0.55%	0.020%
305	11.525	11.493	11.557	VV	2500	43763	1.82%	0.065%
306	11.564	11.557	11.574	VV	534	5119	0.21%	0.008%
307	11.579	11.574	11.596	VV	501	6288	0.26%	0.009%
308	11.655	11.596	11.712	VV	172351	2110310	87.95%	3.156%
309	11.743	11.712	11.791	VV	4985	93131	3.88%	0.139%
310	11.814	11.791	11.835	VV	796	10604	0.44%	0.016%
311	11.852	11.835	11.867	VV	555	7247	0.30%	0.011%
312	11.879	11.867	11.885	VV	383	3627	0.15%	0.005%
313	11.920	11.885	11.942	VV	2318	40646	1.69%	0.061%
314	11.947	11.942	11.993	VV	1046	18665	0.78%	0.028%
315	12.027	11.993	12.040	VV	2654	37825	1.58%	0.057%
316	12.057	12.040	12.108	VV	3972	82149	3.42%	0.123%

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317	12.138	12.108	12.162	VV	5296	82893	3.45%	0.124%
318	12.172	12.162	12.188	VV	1997	2563		
319	12.205	12.188	12.238	VV	2421	3823		
320	12.245	12.238	12.265	VV	325	273		
321	12.270	12.265	12.276	PV	71	22		
322	12.326	12.276	12.355	VV	5329	86161	3.59%	0.129%
323	12.379	12.355	12.399	VV	4667	61142	2.55%	0.091%
324	12.427	12.399	12.474	VV	4460	92349	3.85%	0.138%
325	12.496	12.474	12.519	VV	2868	42069	1.75%	0.063%
326	12.527	12.519	12.544	VV	578	5815	0.24%	0.009%
327	12.582	12.544	12.648	VV	79230	1026417	42.78%	1.535%
328	12.660	12.648	12.682	VV	1034	16259	0.68%	0.024%
329	12.738	12.682	12.771	VV	1164	40794	1.70%	0.061%
330	12.792	12.771	12.803	VV	945	11920	0.50%	0.018%
331	12.819	12.803	12.855	VV	1432	26956	1.12%	0.040%
332	12.901	12.855	12.910	VV	1756	27417	1.14%	0.041%
333	12.926	12.910	12.940	VV	2858	38885	1.62%	0.058%
334	12.969	12.940	13.014	VV	169076	2062613	85.96%	3.085%
335	13.046	13.014	13.104	VV	32508	495092	20.63%	0.741%
336	13.121	13.104	13.127	VV	303	3198	0.13%	0.005%
337	13.130	13.127	13.135	VV	196	785	0.03%	0.001%
338	13.142	13.135	13.173	VV	218	2881	0.12%	0.004%
339	13.209	13.173	13.218	PV	1151	16431	0.68%	0.025%
340	13.234	13.218	13.253	VV	1477	21961	0.92%	0.033%
341	13.266	13.253	13.279	VV	517	7149	0.30%	0.011%
342	13.290	13.279	13.299	VV	483	4898	0.20%	0.007%
343	13.310	13.299	13.318	VV	431	3630	0.15%	0.005%
344	13.346	13.318	13.379	VV	25371	406511	16.94%	0.608%
345	13.399	13.379	13.426	VV	24988	332082	13.84%	0.497%
346	13.456	13.426	13.482	VV	16206	236746	9.87%	0.354%
347	13.488	13.482	13.503	VV	1003	9582	0.40%	0.014%
348	13.522	13.503	13.555	VV	1889	33090	1.38%	0.049%
349	13.582	13.555	13.587	VV	3993	39144	1.63%	0.059%
350	13.601	13.587	13.618	VV	6088	92034	3.84%	0.138%
351	13.653	13.618	13.731	VV	6458	208307	8.68%	0.312%
352	13.748	13.731	13.767	VV	834	13234	0.55%	0.020%
353	13.814	13.767	13.875	VV	14057	214871	8.95%	0.321%
354	13.941	13.875	13.987	PV	5586	114238	4.76%	0.171%
355	14.006	13.987	14.023	VV	1122	16685	0.70%	0.025%
356	14.049	14.023	14.073	VV	4453	69564	2.90%	0.104%
357	14.090	14.073	14.108	VV	2514	40690	1.70%	0.061%
358	14.125	14.108	14.139	VV	2042	27953	1.16%	0.042%
359	14.170	14.139	14.203	VV	161497	2023985	84.35%	3.027%
360	14.220	14.203	14.243	VV	2849	47875	2.00%	0.072%
361	14.260	14.243	14.307	VV	2160	42279	1.76%	0.063%
362	14.318	14.307	14.360	VV	598	9219	0.38%	0.014%
363	14.408	14.360	14.437	PV	1017	26473	1.10%	0.040%
364	14.457	14.437	14.462	VV	516	6610	0.28%	0.010%

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365	14.466	14.462	14.489	VV	526	4905	0.20%	0.007%
366	14.529	14.489	14.543	VV	911	1542		
367	14.565	14.543	14.603	VV	3071	5905		
368	14.657	14.603	14.673	VV	1436	4766		
369	14.686	14.673	14.711	VV	1523	2576		
370	14.734	14.711	14.763	VV	3469	54459	2.27%	0.081%
371	14.798	14.763	14.825	VV	1707	45082	1.88%	0.067%
372	14.862	14.825	14.896	VV	3035	62177	2.59%	0.093%
373	14.923	14.896	14.953	VV	3618	70659	2.94%	0.106%
374	14.970	14.953	14.981	VV	1397	20852	0.87%	0.031%
375	14.999	14.981	15.029	VV	1340	27073	1.13%	0.040%
376	15.072	15.029	15.105	VV	98978	1368631	57.04%	2.047%
377	15.121	15.105	15.158	VV	1789	29882	1.25%	0.045%
378	15.164	15.158	15.179	VV	246	1579	0.07%	0.002%
379	15.202	15.179	15.206	PV	798	7533	0.31%	0.011%
380	15.238	15.206	15.251	VV	14733	200623	8.36%	0.300%
381	15.277	15.251	15.348	VV	170295	2261519	94.25%	3.383%
382	15.399	15.348	15.451	VV	3112	79707	3.32%	0.119%
383	15.469	15.451	15.523	VV	1548	34253	1.43%	0.051%
384	15.552	15.523	15.571	PV	1704	28412	1.18%	0.042%
385	15.590	15.571	15.628	VV	1064	23466	0.98%	0.035%
386	15.659	15.628	15.766	VV	41563	699197	29.14%	1.046%
387	15.798	15.766	15.813	PV	2774	40577	1.69%	0.061%
388	15.817	15.813	15.839	VV	2357	23236	0.97%	0.035%
389	15.864	15.839	15.885	VV	1328	28358	1.18%	0.042%
390	15.913	15.885	15.934	VV	3923	65396	2.73%	0.098%
391	15.949	15.934	15.977	VV	2002	34293	1.43%	0.051%
392	15.996	15.977	16.005	VV	889	11144	0.46%	0.017%
393	16.008	16.005	16.012	VV	793	3678	0.15%	0.006%
394	16.017	16.012	16.027	VV	847	5986	0.25%	0.009%
395	16.072	16.027	16.123	VV	3042	91629	3.82%	0.137%
396	16.147	16.123	16.161	VV	1060	17861	0.74%	0.027%
397	16.181	16.161	16.214	VV	1517	28695	1.20%	0.043%
398	16.236	16.214	16.255	VV	758	12092	0.50%	0.018%
399	16.301	16.255	16.345	VV	151773	1996603	83.21%	2.986%
400	16.363	16.345	16.392	VV	1243	21243	0.89%	0.032%
401	16.411	16.392	16.417	PV	428	3220	0.13%	0.005%
402	16.422	16.417	16.427	VV	359	1987	0.08%	0.003%
403	16.441	16.427	16.459	VV	403	4654	0.19%	0.007%
404	16.514	16.459	16.535	PV	1801	36224	1.51%	0.054%
405	16.552	16.535	16.566	VV	627	8366	0.35%	0.013%
406	16.601	16.566	16.639	VV	1617	42260	1.76%	0.063%
407	16.677	16.639	16.738	VV	7136	150156	6.26%	0.225%
408	16.804	16.738	16.824	VV	15983	306005	12.75%	0.458%
409	16.830	16.824	16.861	VV	7535	96233	4.01%	0.144%
410	16.865	16.861	16.900	VV	1474	18737	0.78%	0.028%
411	16.935	16.900	16.973	VV	3150	60885	2.54%	0.091%

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412	16.986	16.973	17.022	VV	702	14569	0.61%	0.022%
413	17.025	17.022	17.031	VV	258	88		
414	17.055	17.031	17.067	PV	1093	1415		
415	17.089	17.067	17.099	VV	2006	2855		
416	17.127	17.099	17.158	VV	9155	16457		
417	17.188	17.158	17.219	VV	12038	195435	8.14%	0.292%
418	17.253	17.219	17.281	VV	147928	1988849	82.89%	2.975%
419	17.299	17.281	17.323	VV	8299	139898	5.83%	0.209%
420	17.332	17.323	17.370	VV	2126	33652	1.40%	0.050%
421	17.438	17.370	17.463	VV	1540	47396	1.98%	0.071%
422	17.468	17.463	17.472	VV	557	2843	0.12%	0.004%
423	17.499	17.472	17.520	VV	1212	25729	1.07%	0.038%
424	17.550	17.520	17.556	VV	2188	31362	1.31%	0.047%
425	17.578	17.556	17.603	VV	2858	64718	2.70%	0.097%
426	17.620	17.603	17.661	VV	4182	84178	3.51%	0.126%
427	17.702	17.661	17.733	VV	7378	137187	5.72%	0.205%
428	17.746	17.733	17.755	VV	817	8716	0.36%	0.013%
429	17.787	17.755	17.809	VV	2466	45191	1.88%	0.068%
430	17.832	17.809	17.837	VV	1415	21028	0.88%	0.031%
431	17.842	17.837	17.854	VV	1394	13163	0.55%	0.020%
432	17.858	17.854	17.862	VV	1095	4660	0.19%	0.007%
433	17.879	17.862	17.908	VV	1362	25483	1.06%	0.038%
434	17.918	17.908	17.935	VV	471	5097	0.21%	0.008%
435	17.945	17.935	17.949	PV	328	1974	0.08%	0.003%
436	17.982	17.949	18.009	VV	1033	21582	0.90%	0.032%
437	18.033	18.009	18.040	VV	778	9311	0.39%	0.014%
438	18.073	18.040	18.078	VV	1383	22086	0.92%	0.033%
439	18.099	18.078	18.110	VV	2522	38326	1.60%	0.057%
440	18.144	18.110	18.179	VV	143983	2007398	83.66%	3.003%
441	18.197	18.179	18.211	VV	1873	29344	1.22%	0.044%
442	18.232	18.211	18.258	VV	2760	47206	1.97%	0.071%
443	18.295	18.258	18.320	VV	3589	87543	3.65%	0.131%
444	18.336	18.320	18.354	VV	2482	42987	1.79%	0.064%
445	18.379	18.354	18.395	VV	3586	64092	2.67%	0.096%
446	18.408	18.395	18.437	VV	2669	46960	1.96%	0.070%
447	18.503	18.437	18.541	VV	29421	618316	25.77%	0.925%
448	18.565	18.541	18.601	VV	22112	394106	16.42%	0.589%
449	18.606	18.601	18.626	VV	3610	45653	1.90%	0.068%
450	18.664	18.626	18.683	VV	5373	124410	5.18%	0.186%
451	18.698	18.683	18.714	VV	4747	71202	2.97%	0.106%
452	18.731	18.714	18.750	VV	3875	69592	2.90%	0.104%
453	18.761	18.750	18.788	VV	2785	55536	2.31%	0.083%
454	18.826	18.788	18.891	VV	7979	236209	9.84%	0.353%
455	18.926	18.891	18.934	VV	4027	77562	3.23%	0.116%
456	18.976	18.934	19.032	VV	148979	2275770	94.84%	3.404%
457	19.080	19.032	19.109	VV	7188	222673	9.28%	0.333%
458	19.114	19.109	19.119	VV	4842	29671	1.24%	0.044%
459	19.139	19.119	19.151	VV	6576	112189	4.68%	0.168%

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460	19.160	19.151	19.165	VV	5532	42490	1.77%	0.064%
461	19.169	19.165	19.204	VV	5333	10372		
462	19.229	19.204	19.235	VV	4375	7394		
463	19.267	19.235	19.293	VV	7841	21279		
464	19.335	19.293	19.357	VV	27462	65496		
465	19.373	19.357	19.414	VV	24726	539485	22.48%	0.807%
466	19.423	19.414	19.437	VV	8076	103763	4.32%	0.155%
467	19.464	19.437	19.492	VV	8441	260017	10.84%	0.389%
468	19.520	19.492	19.552	VV	11647	317984	13.25%	0.476%
469	19.572	19.552	19.594	VV	7857	175136	7.30%	0.262%
470	19.626	19.594	19.653	VV	7467	235636	9.82%	0.352%
471	19.678	19.653	19.699	VV	8153	206270	8.60%	0.309%
472	19.761	19.699	19.809	VV	134186	2246381	93.62%	3.360%
473	19.835	19.809	19.853	VV	14112	308148	12.84%	0.461%
474	19.869	19.853	19.916	VV	16248	447798	18.66%	0.670%
475	19.939	19.916	19.962	VV	10746	268316	11.18%	0.401%
476	19.989	19.962	20.017	VV	11770	348777	14.54%	0.522%
477	20.049	20.017	20.085	VV	15365	504523	21.03%	0.755%
478	20.123	20.085	20.162	VV	22815	795239	33.14%	1.189%
479	20.178	20.162	20.183	VV	12579	157486	6.56%	0.236%
480	20.193	20.183	20.213	VV	12533	217400	9.06%	0.325%
481	20.238	20.213	20.246	VV	11862	228467	9.52%	0.342%
482	20.314	20.246	20.331	VV	13975	658999	27.46%	0.986%
483	20.377	20.331	20.425	VV	17504	868132	36.18%	1.298%
484	20.430	20.425	20.434	VV	14450	78445	3.27%	0.117%
485	20.448	20.434	20.459	VV	14795	218739	9.12%	0.327%
486	20.502	20.459	20.559	VV	121161	2399493	100.00%	3.589%
487	20.577	20.559	20.584	VV	16476	250572	10.44%	0.375%
488	20.621	20.584	20.658	VV	21258	800709	33.37%	1.198%
489	20.668	20.658	20.674	VV	17732	165784	6.91%	0.248%
490	20.681	20.674	20.686	VV	17340	127084	5.30%	0.190%
491	20.737	20.686	20.742	VV	18546	583642	24.32%	0.873%
492	20.748	20.742	20.755	VV	18599	144347	6.02%	0.216%
493	20.779	20.755	20.788	VV	19755	372335	15.52%	0.557%
494	20.811	20.788	20.842	VV	24603	686632	28.62%	1.027%
495	20.863	20.842	20.911	VV	20867	773785	32.25%	1.157%
496	20.916	20.911	20.937	VV	16204	247137	10.30%	0.370%
497	20.976	20.937	20.990	VV	17389	518320	21.60%	0.775%
498	21.027	20.990	21.042	VV	18318	537842	22.41%	0.804%
499	21.063	21.042	21.137	VV	17761	933800	38.92%	1.397%
500	21.147	21.137	21.157	VV	14912	176950	7.37%	0.265%
501	21.161	21.157	21.214	VV	14263	447577	18.65%	0.669%
502	21.257	21.214	21.306	VV	84529	1902989	79.31%	2.846%
503	21.337	21.306	21.349	VV	11733	296535	12.36%	0.444%
504	21.376	21.349	21.388	VV	11823	270985	11.29%	0.405%
505	21.408	21.388	21.420	VV	11622	211694	8.82%	0.317%
506	21.429	21.420	21.439	VV	11025	124798	5.20%	0.187%

Instrument :

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BU-02-12282023MSD

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507	21.443	21.439	21.489	VV	10441	282165	11.76%	0.422%
508	21.498	21.489	21.522	VV	8798	16483		
509	21.533	21.522	21.538	VV	8508	8098		
510	21.541	21.538	21.547	VV	8380	4403		
511	21.576	21.547	21.588	VV	9547	21506		
512	21.593	21.588	21.603	VV	9306	82079	3.42%	0.123%
513	21.609	21.603	21.620	VV	8670	85431	3.56%	0.128%
514	21.626	21.620	21.639	VV	7777	82684	3.45%	0.124%
515	21.650	21.639	21.655	VV	7979	74556	3.11%	0.112%
516	21.698	21.655	21.748	VV	10225	471901	19.67%	0.706%
517	21.753	21.748	21.793	VV	6805	164139	6.84%	0.246%
518	21.799	21.793	21.808	VV	5101	41924	1.75%	0.063%
519	21.825	21.808	21.835	VV	5288	77348	3.22%	0.116%
520	21.871	21.835	21.884	VV	6076	163627	6.82%	0.245%
521	21.890	21.884	21.898	VV	6138	50993	2.13%	0.076%
522	21.903	21.898	21.915	VV	6030	55403	2.31%	0.083%
523	21.930	21.915	21.964	VV	5382	141805	5.91%	0.212%
524	21.970	21.964	21.977	VV	4012	31210	1.30%	0.047%
525	22.000	21.977	22.009	VV	4085	72708	3.03%	0.109%
526	22.015	22.009	22.026	VV	4099	38360	1.60%	0.057%
527	22.033	22.026	22.038	VV	3807	26544	1.11%	0.040%
528	22.075	22.038	22.080	VV	4296	97006	4.04%	0.145%
529	22.085	22.080	22.108	VV	4158	57154	2.38%	0.085%
530	22.115	22.108	22.149	VV	2775	48455	2.02%	0.072%
531	22.203	22.149	22.257	VV	47592	1260763	52.54%	1.886%
532	22.293	22.257	22.327	VV	3463	118092	4.92%	0.177%
533	22.336	22.327	22.341	VV	2151	15778	0.66%	0.024%
534	22.349	22.341	22.362	VV	1890	18125	0.76%	0.027%
535	22.369	22.362	22.387	VV	1045	10984	0.46%	0.016%
536	22.413	22.387	22.423	PV	955	12694	0.53%	0.019%
537	22.431	22.423	22.437	VV	777	5435	0.23%	0.008%
538	22.451	22.437	22.462	VV	805	8664	0.36%	0.013%
539	22.480	22.462	22.486	VV	810	7383	0.31%	0.011%
540	22.496	22.486	22.501	PBA	424	28000	1.17%	0.042%

Sum of corrected areas: 66857234

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