

rteres

Instrument :

FID_F

ClientSampleId :

TUL-ROS-1104MSD

Area Percent Report

Manual IntegrationsAPPROVED

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF11092

Data File : FF011591.D

Signal(s) : FID2B.ch

Acq On : 09 Nov 2022 16:09

Sample : N5479-03MSD

Misc :

ALS Vial : 63 Sample Multiplier: 1

Reviewed By :Yogesh Patel 11/18/2022

Supervised By :Ankita Jodhani 11/18/2022

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF110422.M

Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	1.604	1.598	1.618	BV	2417	23709	0.20%	0.005%
2	1.636	1.618	1.673	VV	9707	136871	1.15%	0.029%
3	1.687	1.673	1.715	VV	3700	71281	0.60%	0.015%
4	1.734	1.715	1.744	VV	3018	45176	0.38%	0.010%
5	1.746	1.744	1.758	VV	2883	21952	0.18%	0.005%
6	1.779	1.758	1.793	VV	2773	51791	0.43%	0.011%
7	1.805	1.793	1.841	VV	2956	68034	0.57%	0.015%
8	1.863	1.841	1.916	VV	6752	165765	1.39%	0.036%
9	1.932	1.916	1.950	VV	2508	46723	0.39%	0.010%
10	1.959	1.950	2.008	VV	2054	61209	0.51%	0.013%
11	2.030	2.008	2.051	VV	2211	43754	0.37%	0.009%
12	2.094	2.051	2.154	VV	102250	1320413	11.07%	0.283%
13	2.179	2.154	2.223	VV	1424	46789	0.39%	0.010%
14	2.226	2.223	2.231	VV	826	3496	0.03%	0.001%
15	2.236	2.231	2.241	VV	842	4543	0.04%	0.001%
16	2.244	2.241	2.250	VV	795	4272	0.04%	0.001%
17	2.269	2.250	2.301	VV	1045	28650	0.24%	0.006%
18	2.311	2.301	2.360	VV	1794	46495	0.39%	0.010%
19	2.395	2.360	2.416	VV	2251	47410	0.40%	0.010%
20	2.459	2.416	2.490	VV	3038	83572	0.70%	0.018%
21	2.512	2.490	2.525	VV	1840	27255	0.23%	0.006%
22	2.542	2.525	2.582	VV	2758	57420	0.48%	0.012%
23	2.588	2.582	2.648	VV	1223	30821	0.26%	0.007%
24	2.672	2.648	2.730	VV	19365	263447	2.21%	0.057%
25	2.744	2.730	2.757	VV	749	10774	0.09%	0.002%
26	2.784	2.757	2.824	VV	17819	321708	2.70%	0.069%
27	2.835	2.824	2.849	VV	1420	18823	0.16%	0.004%
28	2.865	2.849	2.888	VV	1394	27201	0.23%	0.006%
29	2.908	2.888	2.962	VV	2886	70035	0.59%	0.015%
30	3.000	2.962	3.023	VV	4530	96251	0.81%	0.021%
31	3.060	3.023	3.090	VV	10153	148128	1.24%	0.032%
32	3.104	3.090	3.119	VV	2180	27432	0.23%	0.006%
33	3.145	3.119	3.162	VV	3654	65384	0.55%	0.014%
34	3.175	3.162	3.201	VV	2825	42654	0.36%	0.009%
35	3.233	3.201	3.265	VV	1526	30766	0.26%	0.007%
36	3.291	3.265	3.312	VV	1380	23361	0.20%	0.005%

37	3.329	3.312	3.336	VV	1398	15671	0.13%	0.003%
38	3.364	3.336	3.372	VV	5078	68644		
39	3.384	3.372	3.403	VV	6860	89907		
40	3.414	3.403	3.460	VV	2072	34219		
41	3.483	3.460	3.498	PV	7594	83154		
42	3.512	3.498	3.526	VV	4662	58104		
43	3.539	3.526	3.560	VV	4495	61152	0.51%	0.013%
44	3.580	3.560	3.596	VV	4778	73438	0.62%	0.016%
45	3.609	3.596	3.637	VV	4679	74906	0.63%	0.016%
46	3.650	3.637	3.663	VV	2503	29667	0.25%	0.006%
47	3.684	3.663	3.727	VV	8766	204992	1.72%	0.044%
48	3.760	3.727	3.784	VV	9432	162251	1.36%	0.035%
49	3.813	3.784	3.834	VV	22181	331105	2.78%	0.071%
50	3.852	3.834	3.870	VV	30049	367709	3.08%	0.079%
51	3.897	3.870	3.932	VV	14404	299260	2.51%	0.064%
52	3.952	3.932	3.966	VV	17697	209116	1.75%	0.045%
53	3.974	3.966	3.988	VV	10411	103115	0.86%	0.022%
54	4.003	3.988	4.029	VV	14062	154669	1.30%	0.033%
55	4.058	4.029	4.075	VV	13980	244216	2.05%	0.052%
56	4.083	4.075	4.114	VV	11088	157043	1.32%	0.034%
57	4.158	4.114	4.175	VV	26504	378510	3.17%	0.081%
58	4.189	4.175	4.207	VV	10557	157680	1.32%	0.034%
59	4.227	4.207	4.248	VV	19700	304049	2.55%	0.065%
60	4.265	4.248	4.290	VV	15879	227206	1.90%	0.049%
61	4.314	4.290	4.320	VV	5146	66458	0.56%	0.014%
62	4.343	4.320	4.374	VV	31546	517651	4.34%	0.111%
63	4.390	4.374	4.415	VV	18334	288057	2.42%	0.062%
64	4.433	4.415	4.475	VV	10756	208511	1.75%	0.045%
65	4.515	4.475	4.541	PV	19292	338186	2.84%	0.073%
66	4.560	4.541	4.586	VV	18644	296517	2.49%	0.064%
67	4.617	4.586	4.642	VV	190838	2160915	18.12%	0.464%
68	4.657	4.642	4.673	VV	14661	171870	1.44%	0.037%
69	4.691	4.673	4.717	VV	16314	237642	1.99%	0.051%
70	4.729	4.717	4.740	VV	4571	52318	0.44%	0.011%
71	4.747	4.740	4.754	VV	3626	30636	0.26%	0.007%
72	4.774	4.754	4.815	VV	43154	777658	6.52%	0.167%
73	4.833	4.815	4.851	VV	28702	459442	3.85%	0.099%
74	4.869	4.851	4.884	VV	22503	342449	2.87%	0.074%
75	4.901	4.884	4.917	VV	67330	732488	6.14%	0.157%
76	4.928	4.917	4.942	VV	24410	282803	2.37%	0.061%
77	4.960	4.942	4.974	VV	31426	465123	3.90%	0.100%
78	4.980	4.974	4.992	VV	23112	216279	1.81%	0.046%
79	5.006	4.992	5.019	VV	40083	484836	4.06%	0.104%
80	5.034	5.019	5.048	VV	38941	504356	4.23%	0.108%
81	5.078	5.048	5.102	VV	61943	1168372	9.80%	0.251%
82	5.132	5.102	5.167	VV	65446	1070988	8.98%	0.230%
83	5.196	5.167	5.214	VV	26911	452877	3.80%	0.097%
84	5.231	5.214	5.251	VV	24776	361110	3.03%	0.078%
85	5.263	5.251	5.272	VV	11501	124330	1.04%	0.027%
86	5.294	5.272	5.308	VV	34386	517320	4.34%	0.111%
87	5.323	5.308	5.352	VV	46267	649069	5.44%	0.139%
88	5.375	5.352	5.388	VV	50845	614987	5.16%	0.132%
89	5.403	5.388	5.419	VV	80344	922306	7.73%	0.198%

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90	5.435	5.419	5.450	VV	30708	490030	4.11%	0.105%
91	5.458	5.450	5.475	VV	23512	247682		
92	5.500	5.475	5.515	VV	17669	334774		
93	5.536	5.515	5.549	VV	34370	498501		
94	5.557	5.549	5.570	VV	24092	270628		
95	5.576	5.570	5.583	VV	19827	154923		
96	5.602	5.583	5.614	VV	37579	528790	4.43%	0.114%
97	5.629	5.614	5.646	VV	51886	687061	5.76%	0.148%
98	5.662	5.646	5.686	VV	34175	669047	5.61%	0.144%
99	5.694	5.686	5.711	VV	22503	271655	2.28%	0.058%
100	5.726	5.711	5.733	VV	17067	197665	1.66%	0.042%
101	5.751	5.733	5.759	VV	75738	796518	6.68%	0.171%
102	5.769	5.759	5.796	VV	81358	1102336	9.24%	0.237%
103	5.807	5.796	5.813	VV	22158	208081	1.74%	0.045%
104	5.826	5.813	5.862	VV	29236	616711	5.17%	0.132%
105	5.880	5.862	5.893	VV	23011	330909	2.77%	0.071%
106	5.906	5.893	5.915	VV	21091	255706	2.14%	0.055%
107	5.941	5.915	5.968	VV	114811	1887083	15.82%	0.405%
108	5.978	5.968	5.993	VV	42221	505316	4.24%	0.108%
109	6.016	5.993	6.030	VV	37778	644325	5.40%	0.138%
110	6.051	6.030	6.093	VV	89586	2048611	17.18%	0.440%
111	6.119	6.093	6.130	VV	34686	616309	5.17%	0.132%
112	6.141	6.130	6.154	VV	41125	463204	3.88%	0.099%
113	6.167	6.154	6.173	VV	35231	347969	2.92%	0.075%
114	6.184	6.173	6.208	VV	43818	615353	5.16%	0.132%
115	6.232	6.208	6.253	VV	57358	852294	7.15%	0.183%
116	6.285	6.253	6.304	VV	71011	1267517	10.63%	0.272%
117	6.325	6.304	6.346	VV	84189	1359210	11.40%	0.292%
118	6.360	6.346	6.371	VV	51731	666668	5.59%	0.143%
119	6.378	6.371	6.398	VV	46413	566486	4.75%	0.122%
120	6.429	6.398	6.448	VV	44640	964250	8.08%	0.207%
121	6.468	6.448	6.498	VV	66382	1391878	11.67%	0.299%
122	6.512	6.498	6.538	VV	51186	999492	8.38%	0.215%
123	6.553	6.538	6.564	VV	49959	641543	5.38%	0.138%
124	6.579	6.564	6.588	VV	57480	710599	5.96%	0.153%
125	6.596	6.588	6.631	VV	55069	1175571	9.86%	0.252%
126	6.655	6.631	6.673	VV	61674	1090849	9.15%	0.234%
127	6.703	6.673	6.719	VV	65605	1313405	11.01%	0.282%
128	6.729	6.719	6.745	VV	54603	707249	5.93%	0.152%
129	6.753	6.745	6.757	VV	35974	260315	2.18%	0.056%
130	6.780	6.757	6.830	VV	233608	3534967	29.64%	0.759%
131	6.870	6.830	6.884	VV	50701	1141129	9.57%	0.245%
132	6.933	6.884	6.958	VV	170481	3133331	26.27%	0.673%
133	6.975	6.958	6.996	VV	82215	1353035	11.34%	0.290%
134	7.007	6.996	7.022	VV	44680	563464	4.72%	0.121%
135	7.065	7.022	7.084	VV	72606	1667268	13.98%	0.358%
136	7.111	7.084	7.136	VV	77758	1623943	13.61%	0.349%
137	7.146	7.136	7.158	VV	38486	444946	3.73%	0.096%
138	7.188	7.158	7.211	VV	72256	1517219	12.72%	0.326%
139	7.254	7.211	7.274	VV	54119	1513015	12.68%	0.325%
140	7.292	7.274	7.302	VV	60112	834138	6.99%	0.179%
141	7.316	7.302	7.333	VV	69731	1066139	8.94%	0.229%

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4.11% 0.105%

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/18/2022

Supervised By :Ankita Jodhani 11/18/2022

Instrument : FID_F									
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rteres									
142	7.353	7.333	7.385	VV	83554	1656085	13.88%	0.356%	
143	7.415	7.385	7.446	VV	86829	2040337			
144	7.452	7.446	7.477	VV	40496	666414			
145	7.500	7.477	7.538	VV	200408	3290568			
146	7.555	7.538	7.582	VV	94218	1517073			
147	7.602	7.582	7.619	VV	68818	1103313			
148	7.629	7.619	7.641	VV	42255	517756	4.34%	0.111%	
149	7.645	7.641	7.663	VV	37377	483409	4.05%	0.104%	
150	7.691	7.663	7.696	VV	56524	948711	7.95%	0.204%	
151	7.705	7.696	7.717	VV	61469	695471	5.83%	0.149%	
152	7.727	7.717	7.754	VV	56547	1049474	8.80%	0.225%	
153	7.775	7.754	7.793	VV	53628	1036899	8.69%	0.223%	
154	7.814	7.793	7.831	VV	51891	1044544	8.76%	0.224%	
155	7.850	7.831	7.874	VV	44491	1062637	8.91%	0.228%	
156	7.902	7.874	7.934	VV	100026	2201723	18.46%	0.473%	
157	7.951	7.934	7.972	VV	45604	835866	7.01%	0.179%	
158	7.988	7.972	8.003	VV	35747	574940	4.82%	0.123%	
159	8.021	8.003	8.032	VV	45090	687147	5.76%	0.148%	
160	8.042	8.032	8.048	VV	44961	397633	3.33%	0.085%	
161	8.067	8.048	8.085	VV	70525	1203610	10.09%	0.258%	
162	8.094	8.085	8.107	VV	37907	475027	3.98%	0.102%	
163	8.112	8.107	8.129	VV	34048	403848	3.39%	0.087%	
164	8.160	8.129	8.178	VV	57163	1240641	10.40%	0.266%	
165	8.190	8.178	8.201	VV	45732	604142	5.06%	0.130%	
166	8.209	8.201	8.227	VV	46381	622825	5.22%	0.134%	
167	8.252	8.227	8.269	VV	46068	946897	7.94%	0.203%	
168	8.305	8.269	8.323	VV	51442	1425136	11.95%	0.306%	
169	8.341	8.323	8.379	VV	56266	1487742	12.47%	0.319%	
170	8.426	8.379	8.448	VV	187472	3087338	25.88%	0.663%	
171	8.452	8.448	8.466	VV	41940	450681	3.78%	0.097%	
172	8.482	8.466	8.500	VV	42639	760388	6.37%	0.163%	
173	8.532	8.500	8.546	VV	79341	1468355	12.31%	0.315%	
174	8.560	8.546	8.577	VV	68230	975854	8.18%	0.210%	
175	8.605	8.577	8.633	VV	261822	3635438	30.48%	0.781%	
176	8.651	8.633	8.670	VV	55583	963881	8.08%	0.207%	
177	8.710	8.670	8.737	VV	52895	1716133	14.39%	0.368%	
178	8.772	8.737	8.790	VV	78919	1551804	13.01%	0.333%	
179	8.799	8.790	8.814	VV	36772	494763	4.15%	0.106%	
180	8.828	8.814	8.843	VV	41654	642077	5.38%	0.138%	
181	8.856	8.843	8.870	VV	35816	508297	4.26%	0.109%	
182	8.896	8.870	8.922	VV	36432	924213	7.75%	0.198%	
183	8.935	8.922	8.947	VV	23166	313777	2.63%	0.067%	
184	8.966	8.947	8.982	VV	44230	704722	5.91%	0.151%	
185	9.015	8.982	9.043	VV	49531	1344928	11.28%	0.289%	
186	9.069	9.043	9.089	VV	60815	1075522	9.02%	0.231%	
187	9.145	9.089	9.169	VV	140003	2630172	22.05%	0.565%	
188	9.181	9.169	9.205	VV	27128	498760	4.18%	0.107%	
189	9.226	9.205	9.240	VV	27764	482223	4.04%	0.104%	
190	9.258	9.240	9.275	VV	37609	630766	5.29%	0.135%	
191	9.291	9.275	9.312	VV	44068	668832	5.61%	0.144%	
192	9.328	9.312	9.343	VV	19685	345443	2.90%	0.074%	
193	9.379	9.343	9.393	VV	32403	744718	6.24%	0.160%	
194	9.406	9.393	9.410	VV	25196	236874	1.99%	0.051%	

195	9.429	9.410	9.450	VV	57355	899314	7.54%	0.193%
196	9.467	9.450	9.497	VV	33297	626913		
197	9.515	9.497	9.542	VV	22229	440077		
198	9.585	9.542	9.602	VV	26955	596172		
199	9.616	9.602	9.629	VV	17192	212115		
200	9.641	9.629	9.647	VV	11700	122669		
201	9.664	9.647	9.682	VV	15183	256395	2.15%	0.055%
202	9.721	9.682	9.742	VV	25797	570227	4.78%	0.122%
203	9.758	9.742	9.778	VV	19990	296220	2.48%	0.064%
204	9.804	9.778	9.819	VV	43355	581231	4.87%	0.125%
205	9.828	9.819	9.854	VV	21452	317949	2.67%	0.068%
206	9.884	9.854	9.916	VV	35184	698276	5.85%	0.150%
207	9.924	9.916	9.937	VV	10503	124922	1.05%	0.027%
208	9.967	9.937	9.974	VV	15359	290122	2.43%	0.062%
209	9.986	9.974	10.023	VV	16145	341928	2.87%	0.073%
210	10.045	10.023	10.075	VV	7524	180129	1.51%	0.039%
211	10.086	10.075	10.105	VV	3678	52990	0.44%	0.011%
212	10.126	10.105	10.138	VV	13146	169249	1.42%	0.036%
213	10.168	10.138	10.185	VV	14964	343990	2.88%	0.074%
214	10.211	10.185	10.262	VV	239545	2902781	24.34%	0.623%
215	10.274	10.262	10.282	VV	6088	65784	0.55%	0.014%
216	10.291	10.282	10.303	VV	6604	75518	0.63%	0.016%
217	10.317	10.303	10.354	VV	8146	140945	1.18%	0.030%
218	10.388	10.354	10.434	PV	7229	168454	1.41%	0.036%
219	10.446	10.434	10.469	VV	2720	37034	0.31%	0.008%
220	10.489	10.469	10.504	PV	4641	47671	0.40%	0.010%
221	10.519	10.504	10.525	VV	1237	12118	0.10%	0.003%
222	10.553	10.525	10.573	VV	9621	144821	1.21%	0.031%
223	10.600	10.573	10.628	VV	43567	600596	5.04%	0.129%
224	10.658	10.628	10.671	VV	11594	201953	1.69%	0.043%
225	10.687	10.671	10.712	VV	18091	248935	2.09%	0.053%
226	10.731	10.712	10.777	VV	12059	271292	2.27%	0.058%
227	10.802	10.777	10.836	PV	7851	151021	1.27%	0.032%
228	10.863	10.836	10.914	VV	9726	266334	2.23%	0.057%
229	10.950	10.914	10.990	VV	64274	927582	7.78%	0.199%
230	11.022	10.990	11.053	VV	61419	956596	8.02%	0.205%
231	11.072	11.053	11.102	VV	6573	125243	1.05%	0.027%
232	11.111	11.102	11.124	VV	2190	18390	0.15%	0.004%
233	11.137	11.124	11.141	VV	1728	8987	0.08%	0.002%
234	11.172	11.141	11.183	VV	4621	69622	0.58%	0.015%
235	11.209	11.183	11.250	VV	76726	951515	7.98%	0.204%
236	11.284	11.250	11.307	VV	29205	413648	3.47%	0.089%
237	11.343	11.307	11.382	VV	13243	314009	2.63%	0.067%
238	11.404	11.382	11.419	VV	7489	108634	0.91%	0.023%
239	11.424	11.419	11.440	VV	4857	47691	0.40%	0.010%
240	11.457	11.440	11.474	VV	8123	104240	0.87%	0.022%
241	11.495	11.474	11.508	VV	10140	139810	1.17%	0.030%
242	11.514	11.508	11.537	VV	8119	87929	0.74%	0.019%
243	11.566	11.537	11.584	VV	6324	118635	0.99%	0.025%
244	11.600	11.584	11.619	VV	8333	141812	1.19%	0.030%
245	11.655	11.619	11.710	VV	264894	3347727	28.07%	0.719%
246	11.745	11.710	11.775	VV	46729	813973	6.82%	0.175%

Instrument :

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ClientSampleId :

TUL-ROS-1104MSD

Manual IntegrationsAPPROVED

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					rters			
247	11.807	11.775	11.831	VV	9122	172235	1.44%	0.037%
248	11.860	11.831	11.880	VV	9048	185135		
249	11.911	11.880	11.926	VV	10686	223257		
250	11.950	11.926	11.988	VV	15496	414162		
251	12.013	11.988	12.026	VV	22933	330371		
252	12.044	12.026	12.069	VV	32130	494481		
253	12.131	12.069	12.149	VV	28253	732912	6.14%	0.157%
254	12.162	12.149	12.178	VV	22231	297819	2.50%	0.064%
255	12.194	12.178	12.228	VV	20762	435593	3.65%	0.094%
256	12.233	12.228	12.242	VV	8522	66869	0.56%	0.014%
257	12.324	12.242	12.348	VV	90497	1795214	15.05%	0.385%
258	12.374	12.348	12.396	VV	47794	773906	6.49%	0.166%
259	12.419	12.396	12.447	VV	18509	481957	4.04%	0.103%
260	12.453	12.447	12.467	VV	13814	150357	1.26%	0.032%
261	12.482	12.467	12.500	VV	18042	276640	2.32%	0.059%
262	12.519	12.500	12.534	VV	12557	215778	1.81%	0.046%
263	12.592	12.534	12.624	VV	273195	4659321	39.06%	1.000%
264	12.631	12.624	12.650	VV	24540	341527	2.86%	0.073%
265	12.661	12.650	12.675	VV	19653	269234	2.26%	0.058%
266	12.702	12.675	12.720	VV	21778	514113	4.31%	0.110%
267	12.735	12.720	12.774	VV	27902	659605	5.53%	0.142%
268	12.819	12.774	12.849	VV	126780	2024062	16.97%	0.435%
269	12.853	12.849	12.869	VV	13834	159871	1.34%	0.034%
270	12.888	12.869	12.894	VV	19241	266360	2.23%	0.057%
271	12.915	12.894	12.933	VV	31706	544829	4.57%	0.117%
272	12.965	12.933	13.007	VV	272262	3765931	31.57%	0.809%
273	13.032	13.007	13.074	VV	121592	1769350	14.83%	0.380%
274	13.092	13.074	13.121	VV	15139	381997	3.20%	0.082%
275	13.130	13.121	13.147	VV	13250	192538	1.61%	0.041%
276	13.160	13.147	13.165	VV	13550	132103	1.11%	0.028%
277	13.171	13.165	13.176	VV	13547	90566	0.76%	0.019%
278	13.184	13.176	13.197	VV	15197	179782	1.51%	0.039%
279	13.217	13.197	13.266	VV	23101	742741	6.23%	0.159%
280	13.271	13.266	13.276	VV	14123	82500	0.69%	0.018%
281	13.285	13.276	13.302	VV	14295	197659	1.66%	0.042%
282	13.331	13.302	13.352	VV	108791	1496467	12.55%	0.321%
283	13.362	13.352	13.370	VV	24075	242089	2.03%	0.052%
284	13.394	13.370	13.430	VV	110401	1876435	15.73%	0.403%
285	13.452	13.430	13.486	VV	92998	1466866	12.30%	0.315%
286	13.494	13.486	13.514	VV	18504	287359	2.41%	0.062%
287	13.520	13.514	13.549	VV	17367	311026	2.61%	0.067%
288	13.578	13.549	13.581	VV	71885	761312	6.38%	0.163%
289	13.607	13.581	13.635	VV	184939	3515067	29.47%	0.755%
290	13.664	13.635	13.716	VV	250816	4894661	41.04%	1.051%
291	13.723	13.716	13.739	VV	25911	332339	2.79%	0.071%
292	13.756	13.739	13.773	VV	28927	507316	4.25%	0.109%
293	13.808	13.773	13.836	VV	190581	3747422	31.42%	0.805%
294	13.857	13.836	13.880	VV	116192	1773240	14.87%	0.381%
295	13.896	13.880	13.907	VV	35078	543399	4.56%	0.117%
296	13.922	13.907	13.949	VV	42205	745463	6.25%	0.160%
297	13.964	13.949	13.975	VV	19044	292089	2.45%	0.063%
298	13.982	13.975	13.990	VV	18528	155589	1.30%	0.033%
299	14.030	13.990	14.051	VV	39267	925661	7.76%	0.199%

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TUL-ROS-1104MSD

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300	14.068	14.051	14.081	VV	27771	415308	3.48%	0.089%
301	14.099	14.081	14.133	VV	30795	719939		
302	14.164	14.133	14.190	VV	222137	3082186		
303	14.198	14.190	14.214	VV	27193	336086		
304	14.219	14.214	14.225	VV	20618	137636		
305	14.237	14.225	14.252	VV	21761	314328		
306	14.270	14.252	14.294	VV	23074	470169	3.94%	0.101%
307	14.321	14.294	14.347	VV	31730	656165	5.50%	0.141%
308	14.388	14.347	14.392	VV	22939	475072	3.98%	0.102%
309	14.396	14.392	14.417	VV	22996	259791	2.18%	0.056%
310	14.447	14.417	14.453	VV	16204	293083	2.46%	0.063%
311	14.460	14.453	14.477	VV	17115	205399	1.72%	0.044%
312	14.482	14.477	14.507	VV	12633	210193	1.76%	0.045%
313	14.527	14.507	14.543	VV	14946	274938	2.31%	0.059%
314	14.553	14.543	14.565	VV	14469	179441	1.50%	0.039%
315	14.583	14.565	14.600	VV	14838	294012	2.46%	0.063%
316	14.624	14.600	14.671	VV	35915	1034929	8.68%	0.222%
317	14.680	14.671	14.703	VV	14707	245288	2.06%	0.053%
318	14.724	14.703	14.748	VV	39657	600405	5.03%	0.129%
319	14.761	14.748	14.777	VV	14040	214897	1.80%	0.046%
320	14.792	14.777	14.811	VV	14343	250012	2.10%	0.054%
321	14.835	14.811	14.878	VV	21066	585659	4.91%	0.126%
322	14.901	14.878	14.919	VV	19962	287825	2.41%	0.062%
323	14.942	14.919	14.976	VV	13971	362336	3.04%	0.078%
324	14.996	14.976	15.011	VV	10566	176921	1.48%	0.038%
325	15.024	15.011	15.032	VV	8102	96454	0.81%	0.021%
326	15.063	15.032	15.100	VV	133385	1973619	16.55%	0.424%
327	15.119	15.100	15.137	VV	5873	109289	0.92%	0.023%
328	15.163	15.137	15.185	VV	12152	236618	1.98%	0.051%
329	15.210	15.185	15.230	VV	54996	713247	5.98%	0.153%
330	15.266	15.230	15.295	VV	184792	2908876	24.39%	0.625%
331	15.303	15.295	15.321	VV	8684	93482	0.78%	0.020%
332	15.347	15.321	15.352	VV	4754	69821	0.59%	0.015%
333	15.372	15.352	15.396	VV	11555	194336	1.63%	0.042%
334	15.418	15.396	15.439	VV	11616	204758	1.72%	0.044%
335	15.456	15.439	15.493	VV	6969	144235	1.21%	0.031%
336	15.517	15.493	15.542	PV	8685	151205	1.27%	0.032%
337	15.560	15.542	15.568	VV	7638	93459	0.78%	0.020%
338	15.573	15.568	15.575	VV	4782	19044	0.16%	0.004%
339	15.581	15.575	15.593	VV	5558	47369	0.40%	0.010%
340	15.646	15.593	15.687	VV	44582	802498	6.73%	0.172%
341	15.735	15.687	15.762	VV	13341	328329	2.75%	0.070%
342	15.807	15.762	15.833	VV	38412	803723	6.74%	0.173%
343	15.841	15.833	15.858	VV	6202	78307	0.66%	0.017%
344	15.884	15.858	15.903	VV	17875	258478	2.17%	0.055%
345	15.925	15.903	15.950	VV	9702	153072	1.28%	0.033%
346	15.968	15.950	15.977	PV	4655	44305	0.37%	0.010%
347	15.982	15.977	15.986	VV	3080	13325	0.11%	0.003%
348	15.994	15.986	15.998	VV	4413	25194	0.21%	0.005%
349	16.047	15.998	16.076	VV	12900	360337	3.02%	0.077%
350	16.121	16.076	16.140	VV	6117	133714	1.12%	0.029%
351	16.165	16.140	16.172	VV	3201	37600	0.32%	0.008%

Instrument :

FID_F

ClientSampleId :

TUL-ROS-1104MSD

3.48% 0.089%

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						Instrument : FID_F	
						ClientSampleId : TUL-ROS-1104MSD	
352	16.183	16.172	16.192	VV	3216	34309	0.29% 0.007%
353	16.212	16.192	16.230	VV	6010	84103	
354	16.247	16.230	16.260	VV	4381	49869	
355	16.290	16.260	16.317	VV	167208	2224804	18
356	16.330	16.317	16.367	VV	10398	161453	
357	16.396	16.367	16.414	PV	13812	165966	
358	16.434	16.414	16.446	VV	17057	216852	1.82% 0.047%
359	16.462	16.446	16.474	VV	17228	237918	1.99% 0.051%
360	16.494	16.474	16.539	VV	31210	660968	5.54% 0.142%
361	16.605	16.539	16.625	VV	14522	505296	4.24% 0.108%
362	16.635	16.625	16.644	VV	9553	98605	0.83% 0.021%
363	16.663	16.644	16.680	VV	15201	252123	2.11% 0.054%
364	16.692	16.680	16.720	VV	12525	158987	1.33% 0.034%
365	16.773	16.720	16.792	VV	69747	1101824	9.24% 0.237%
366	16.798	16.792	16.819	VV	23367	259562	2.18% 0.056%
367	16.827	16.819	16.838	VV	5954	53510	0.45% 0.011%
368	16.883	16.838	16.887	VV	9294	216495	1.82% 0.046%
369	16.904	16.887	16.921	VV	21110	307046	2.57% 0.066%
370	16.928	16.921	16.944	VV	11645	137707	1.15% 0.030%
371	16.954	16.944	16.970	VV	11552	148410	1.24% 0.032%
372	16.994	16.970	17.010	VV	14120	266691	2.24% 0.057%
373	17.018	17.010	17.033	VV	10477	129888	1.09% 0.028%
374	17.095	17.033	17.123	VV	46496	1123390	9.42% 0.241%
375	17.152	17.123	17.189	VV	50259	880334	7.38% 0.189%
376	17.242	17.189	17.270	VV	165187	2830424	23.73% 0.608%
377	17.280	17.270	17.332	VV	29920	799008	6.70% 0.172%
378	17.353	17.332	17.377	VV	19261	462947	3.88% 0.099%
379	17.391	17.377	17.406	VV	18626	281292	2.36% 0.060%
380	17.440	17.406	17.445	VV	18806	398364	3.34% 0.086%
381	17.498	17.445	17.540	VV	26935	1220549	10.23% 0.262%
382	17.567	17.540	17.593	VV	25790	636048	5.33% 0.137%
383	17.598	17.593	17.604	VV	18352	125201	1.05% 0.027%
384	17.610	17.604	17.615	VV	17414	109975	0.92% 0.024%
385	17.623	17.615	17.627	VV	19735	128316	1.08% 0.028%
386	17.646	17.627	17.655	VV	24771	365112	3.06% 0.078%
387	17.683	17.655	17.709	VV	35078	868729	7.28% 0.187%
388	17.736	17.709	17.755	VV	23669	515845	4.32% 0.111%
389	17.775	17.755	17.792	VV	20112	395446	3.32% 0.085%
390	17.818	17.792	17.844	VV	33949	764407	6.41% 0.164%
391	17.873	17.844	17.889	VV	23252	525487	4.41% 0.113%
392	17.904	17.889	17.919	VV	21905	350495	2.94% 0.075%
393	17.928	17.919	17.943	VV	20100	260600	2.18% 0.056%
394	17.946	17.943	17.954	VV	17565	115279	0.97% 0.025%
395	17.969	17.954	17.980	VV	21068	305106	2.56% 0.066%
396	17.997	17.980	18.005	VV	22053	299863	2.51% 0.064%
397	18.043	18.005	18.052	VV	29962	684881	5.74% 0.147%
398	18.057	18.052	18.077	VV	28619	401395	3.37% 0.086%
399	18.128	18.077	18.168	VV	180368	3564490	29.88% 0.765%
400	18.190	18.168	18.215	VV	28115	707210	5.93% 0.152%
401	18.220	18.215	18.237	VV	23504	288729	2.42% 0.062%
402	18.288	18.237	18.351	VV	57772	2519461	21.12% 0.541%
403	18.369	18.351	18.398	VV	30325	780552	6.54% 0.168%
404	18.402	18.398	18.406	VV	25144	112668	0.94% 0.024%

Manual IntegrationsAPPROVED

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405	18.438	18.406	18.443	VV	35295	658266	5.52%	0.141%
406	18.462	18.443	18.477	VV	46539	832760		
407	18.488	18.477	18.505	VV	45196	707652		
408	18.525	18.505	18.540	VV	63752	1095044		
409	18.545	18.540	18.588	VV	47598	1112879		
410	18.627	18.588	18.632	VV	39763	921954		
411	18.658	18.632	18.677	VV	78181	1552536	13.02%	0.333%
412	18.689	18.677	18.707	VV	50483	791091	6.63%	0.170%
413	18.724	18.707	18.745	VV	38023	814096	6.83%	0.175%
414	18.780	18.745	18.802	VV	69195	1654314	13.87%	0.355%
415	18.822	18.802	18.830	VV	40785	671864	5.63%	0.144%
416	18.838	18.830	18.842	VV	39695	275944	2.31%	0.059%
417	18.861	18.842	18.874	VV	44526	779464	6.53%	0.167%
418	18.878	18.874	18.890	VV	40055	380403	3.19%	0.082%
419	18.910	18.890	18.927	VV	50484	958196	8.03%	0.206%
420	18.961	18.927	18.990	VV	191900	3712035	31.12%	0.797%
421	19.026	18.990	19.044	VV	46982	1400152	11.74%	0.301%
422	19.081	19.044	19.102	VV	67098	1769713	14.84%	0.380%
423	19.129	19.102	19.158	VV	66703	1853465	15.54%	0.398%
424	19.188	19.158	19.196	VV	53262	1140890	9.56%	0.245%
425	19.222	19.196	19.239	VV	60037	1456167	12.21%	0.313%
426	19.253	19.239	19.270	VV	61209	1103352	9.25%	0.237%
427	19.274	19.270	19.277	VV	55068	218460	1.83%	0.047%
428	19.295	19.277	19.299	VV	61201	771276	6.47%	0.166%
429	19.318	19.299	19.332	VV	70192	1299413	10.89%	0.279%
430	19.337	19.332	19.343	VV	66716	440018	3.69%	0.094%
431	19.362	19.343	19.386	VV	79115	1883209	15.79%	0.404%
432	19.406	19.386	19.432	VV	75922	1960988	16.44%	0.421%
433	19.479	19.432	19.516	VV	72629	3375660	28.30%	0.725%
434	19.538	19.516	19.577	VV	64170	2237442	18.76%	0.480%
435	19.592	19.577	19.602	VV	62554	908583	7.62%	0.195%
436	19.608	19.602	19.610	VV	61326	310864	2.61%	0.067%
437	19.616	19.610	19.620	VV	62673	352457	2.95%	0.076%
438	19.633	19.620	19.651	VV	66701	1175789	9.86%	0.252%
439	19.670	19.651	19.676	VV	73191	1034153	8.67%	0.222%
440	19.682	19.676	19.689	VV	72307	547960	4.59%	0.118%
441	19.693	19.689	19.699	VV	70240	440294	3.69%	0.095%
442	19.748	19.699	19.777	VV	221675	5522447	46.30%	1.186%
443	19.790	19.777	19.812	VV	89360	1791810	15.02%	0.385%
444	19.825	19.812	19.831	VV	85003	918145	7.70%	0.197%
445	19.880	19.831	19.905	VV	91161	3745261	31.40%	0.804%
446	19.937	19.905	19.958	VV	102483	2916023	24.45%	0.626%
447	19.975	19.958	19.982	VV	92399	1293300	10.84%	0.278%
448	20.008	19.982	20.035	VV	103063	3029703	25.40%	0.650%
449	20.050	20.035	20.054	VV	95613	1099372	9.22%	0.236%
450	20.060	20.054	20.066	VV	97386	673661	5.65%	0.145%
451	20.072	20.066	20.078	VV	96175	687728	5.77%	0.148%
452	20.121	20.078	20.141	VV	120899	4100253	34.38%	0.880%
453	20.153	20.141	20.156	VV	120318	1078507	9.04%	0.232%
454	20.256	20.156	20.260	VV	293189	11927788	100.00%	2.561%
455	20.273	20.260	20.352	VV	332385	11189147	93.81%	2.402%
456	20.372	20.352	20.378	VV	133536	1997653	16.75%	0.429%

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TUL-ROS-1104MSD

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rteres						Manual IntegrationsAPPROVED		
457	20.407	20.378	20.425	VV	143730	3830023	32.11%	0.822%
458	20.429	20.425	20.446	VV	134577	1620749	13.11%	0.822%
459	20.488	20.446	20.517	VV	281636	7799546	69.54%	0.822%
460	20.538	20.517	20.542	VV	135319	1929135	16.04%	0.822%
461	20.565	20.542	20.591	VV	141908	4108134	34.91%	0.822%
462	20.600	20.591	20.605	VV	142429	1185655	9.91%	0.822%
463	20.660	20.605	20.671	VV	164348	6014044	50.42%	1.291%
464	20.685	20.671	20.692	VV	164914	2092610	17.54%	0.449%
465	20.714	20.692	20.738	VV	170277	4438954	37.22%	0.953%
466	20.746	20.738	20.761	VV	157810	2173571	18.22%	0.467%
467	20.764	20.761	20.790	VV	153988	2616024	21.93%	0.562%
468	20.799	20.790	20.827	VV	142895	3049188	25.56%	0.655%
469	20.851	20.827	20.862	VV	150510	3032276	25.42%	0.651%
470	20.879	20.862	20.883	VV	148158	1859901	15.59%	0.399%
471	20.904	20.883	20.917	VV	149567	2921644	24.49%	0.627%
472	20.922	20.917	20.936	VV	147705	1741176	14.60%	0.374%
473	20.944	20.936	20.947	VV	148585	972298	8.15%	0.209%
474	20.959	20.947	20.964	VV	151789	1508353	12.65%	0.324%
475	20.969	20.964	20.994	VV	151789	2595910	21.76%	0.557%
476	20.997	20.994	21.005	VV	140892	935921	7.85%	0.201%
477	21.012	21.005	21.024	VV	137231	1569028	13.15%	0.337%
478	21.027	21.024	21.066	VV	134851	3259355	27.33%	0.700%
479	21.072	21.066	21.117	VV	126240	3669380	30.76%	0.788%
480	21.146	21.117	21.157	VV	121190	2843610	23.84%	0.611%
481	21.164	21.157	21.170	VV	124821	958473	8.04%	0.206%
482	21.189	21.170	21.193	VV	125999	1719783	14.42%	0.369%
483	21.235	21.193	21.290	VV	251806	9225713	77.35%	1.981%
484	21.296	21.290	21.304	VV	104343	826730	6.93%	0.177%
485	21.328	21.304	21.334	VV	103835	1846879	15.48%	0.397%
486	21.353	21.334	21.359	VV	106914	1582373	13.27%	0.340%
487	21.366	21.359	21.372	VV	104922	859610	7.21%	0.185%
488	21.377	21.372	21.393	VV	104736	1290454	10.82%	0.277%
489	21.398	21.393	21.405	VV	101361	706690	5.92%	0.152%
490	21.422	21.405	21.442	VV	105405	2295559	19.25%	0.493%
491	21.447	21.442	21.470	VV	98350	1553817	13.03%	0.334%
492	21.490	21.470	21.495	VV	94395	1400308	11.74%	0.301%
493	21.502	21.495	21.515	VV	95018	1147747	9.62%	0.246%
494	21.526	21.515	21.558	VV	96810	2372802	19.89%	0.509%
495	21.577	21.558	21.592	VV	89312	1796662	15.06%	0.386%
496	21.620	21.592	21.662	VV	96250	3687984	30.92%	0.792%
497	21.667	21.662	21.671	VV	79082	403544	3.38%	0.087%
498	21.675	21.671	21.693	VV	79117	1015963	8.52%	0.218%
499	21.713	21.693	21.754	VV	76525	2669320	22.38%	0.573%
500	21.767	21.754	21.779	VV	69743	993398	8.33%	0.213%
501	21.789	21.779	21.801	VV	69295	915976	7.68%	0.197%
502	21.808	21.801	21.829	VV	67628	1098232	9.21%	0.236%
503	21.833	21.829	21.852	VV	65129	881805	7.39%	0.189%
504	21.875	21.852	21.882	VV	67174	1193297	10.00%	0.256%
505	21.887	21.882	21.891	VV	66344	350253	2.94%	0.075%
506	21.895	21.891	21.914	VV	66964	879838	7.38%	0.189%
507	21.918	21.914	21.927	VV	62597	490895	4.12%	0.105%
508	21.931	21.927	21.972	VV	60723	1502002	12.59%	0.322%
509	22.010	21.972	22.057	VV	69540	2828414	23.71%	0.607%

	Area	Height	Width	Area%	Height%	Width%
510	22.076	22.057	22.081	VV	48566	664514
511	22.085	22.081	22.095	VV	47374	407696
512	22.173	22.095	22.215	VV	148788	5574610
513	22.219	22.215	22.247	VV	31463	565703
Sum of corrected areas:					4657	

Instrument :
FID_F
ClientSampleId :
TUL-ROS-1104MSD

5.57% 0.143%
Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/18/2022
Supervised By :Ankita Jodhani 11/18/2022

FF110422.M Tue Nov 22 07:20:15 2022