

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121615\
 Data File : BG020212.D
 Acq On : 16 Dec 2015 5:51
 Operator : UM/SJ
 Sample : G4786-22
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 G9C96

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-BG121415.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	3.126	43	49	58	rBV	51472	96739	12.31%	1.176%
2	3.202	58	62	69	rVB	37776	53190	6.77%	0.646%
3	5.176	393	398	403	rVB	6913	10013	1.27%	0.122%
4	7.245	745	750	757	rVB2	26555	44756	5.70%	0.544%
5	7.350	762	768	773	rVV	4765	7242	0.92%	0.088%
6	7.415	773	779	787	rVV	75381	120682	15.36%	1.467%
7	7.626	808	815	823	rBV	85865	143226	18.23%	1.741%
8	7.720	826	831	835	rBV2	8939	12866	1.64%	0.156%
9	8.032	881	884	888	rVV	4356	6039	0.77%	0.073%
10	8.097	888	895	902	rVV	76958	126498	16.10%	1.537%
11	8.185	905	910	916	rVV3	6227	9400	1.20%	0.114%
12	8.379	939	943	948	rBV4	3923	6965	0.89%	0.085%
13	8.455	951	956	961	rVB3	2279	3554	0.45%	0.043%
14	8.796	1008	1014	1023	rBV	80264	139281	17.73%	1.693%
15	9.131	1068	1071	1074	rVV4	2072	3278	0.42%	0.040%
16	9.160	1074	1076	1081	rVB2	3154	4258	0.54%	0.052%
17	9.266	1086	1094	1102	rBV	102855	185001	23.54%	2.248%
18	9.371	1104	1112	1115	rVV4	2371	3703	0.47%	0.045%
19	9.471	1122	1129	1133	rVB5	2572	4466	0.57%	0.054%
20	9.859	1194	1195	1199	rVV2	1426	1903	0.24%	0.023%
21	9.930	1199	1207	1211	rVV3	8108	15453	1.97%	0.188%
22	9.988	1211	1217	1227	rVB	95241	170639	21.72%	2.074%
23	10.276	1260	1266	1272	rBV6	2508	4954	0.63%	0.060%
24	10.341	1275	1277	1281	rVB3	1557	1995	0.25%	0.024%
25	10.447	1292	1295	1302	rVB5	2196	3811	0.49%	0.046%
26	10.529	1302	1309	1319	rBV	150490	260291	33.13%	3.163%
27	10.911	1366	1374	1381	rBV	125746	225909	28.75%	2.745%
28	10.964	1381	1383	1387	rVV3	3606	3216	0.41%	0.039%
29	11.040	1394	1396	1399	rVV3	1456	1942	0.25%	0.024%
30	11.093	1399	1405	1413	rVB5	3361	6769	0.86%	0.082%
31	11.487	1468	1472	1478	rBV5	1174	2424	0.31%	0.029%
32	11.716	1505	1511	1514	rVV5	4301	8351	1.06%	0.101%
33	11.757	1514	1518	1524	rVB3	5884	9733	1.24%	0.118%
34	11.939	1545	1549	1553	rVV4	3742	6053	0.77%	0.074%

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35	12.039	1560	1566	1571	rBV4	3133	6891	0.88%	0.084%
36	12.151	1581	1585	1589	rBV5	3326	5826	0.74%	0.071%
37	12.186	1589	1591	1596	rVB3	2532	3656	0.47%	0.044%
38	12.386	1621	1625	1630	rBV7	1309	2976	0.38%	0.036%
39	12.532	1645	1650	1659	rBV4	19991	43820	5.58%	0.533%
40	12.691	1673	1677	1682	rBV4	3336	5917	0.75%	0.072%
41	12.791	1687	1694	1701	rBV5	8616	17069	2.17%	0.207%
42	12.885	1707	1710	1711	rBV3	3362	3007	0.38%	0.037%
43	13.008	1727	1731	1735	rVB4	3788	5726	0.73%	0.070%
44	13.091	1740	1745	1751	rBV8	8407	16549	2.11%	0.201%
45	13.255	1768	1773	1779	rVB7	10431	20904	2.66%	0.254%
46	13.343	1781	1788	1790	rBV6	4587	9162	1.17%	0.111%
47	13.379	1790	1794	1800	rVB7	7713	14101	1.79%	0.171%
48	13.443	1802	1805	1809	rVB4	3327	4970	0.63%	0.060%
49	13.484	1809	1812	1813	rBV3	3143	3763	0.48%	0.046%
50	13.567	1823	1826	1827	rBV3	2655	2336	0.30%	0.028%
51	13.584	1827	1829	1832	rVV4	2572	2501	0.32%	0.030%
52	13.678	1842	1845	1848	rBV4	3440	5132	0.65%	0.062%
53	13.731	1850	1854	1859	rVB7	5098	9284	1.18%	0.113%
54	13.796	1859	1865	1870	rBV6	10442	16932	2.15%	0.206%
55	13.837	1870	1872	1876	rVB5	2462	2844	0.36%	0.035%
56	13.925	1880	1887	1892	rBV7	9613	20196	2.57%	0.245%
57	14.048	1902	1908	1909	rBV6	5180	7692	0.98%	0.093%
58	14.125	1915	1921	1928	rBV	291353	417881	53.18%	5.079%
59	14.201	1932	1934	1939	rVB6	4194	6237	0.79%	0.076%
60	14.277	1942	1947	1951	rVB6	3955	7225	0.92%	0.088%
61	14.330	1951	1956	1961	rBV7	5028	13930	1.77%	0.169%
62	14.424	1965	1972	1978	rBV	309998	500102	63.65%	6.078%
63	14.524	1986	1989	1997	rVB8	5382	8228	1.05%	0.100%
64	14.607	2000	2003	2004	rBV3	4359	4555	0.58%	0.055%
65	14.730	2017	2024	2031	rVB2	220659	366809	46.68%	4.458%
66	14.800	2032	2036	2043	rBV8	10609	23779	3.03%	0.289%
67	14.912	2051	2055	2062	rBV2	28590	49853	6.34%	0.606%
68	15.112	2085	2089	2098	rVB2	3467	8725	1.11%	0.106%
69	15.188	2100	2102	2106	rVV4	5454	6004	0.76%	0.073%
70	15.259	2108	2114	2119	rVB8	14336	26224	3.34%	0.319%
71	15.329	2119	2126	2127	rBV7	8122	13417	1.71%	0.163%

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72	15.717	2185	2192	2199	rBV	417999	654134	83.25%	7.950%
73	15.823	2204	2210	2217	rVB	149691	225063	28.64%	2.735%
74	15.970	2230	2235	2241	rVB9	8396	17945	2.28%	0.218%
75	16.134	2262	2263	2267	rVB4	5313	4772	0.61%	0.058%
76	16.193	2271	2273	2274	rBV2	3968	2961	0.38%	0.036%
77	16.216	2274	2277	2279	rBV4	4473	5602	0.71%	0.068%
78	16.310	2288	2293	2299	rBV4	29397	44764	5.70%	0.544%
79	17.051	2417	2419	2424	rBV6	5432	8768	1.12%	0.107%
80	17.198	2441	2444	2448	rBV6	13720	21370	2.72%	0.260%
81	17.468	2484	2490	2496	rBV2	298942	448073	57.03%	5.445%
82	17.568	2501	2507	2513	rVV2	455335	690252	87.85%	8.389%
83	18.337	2636	2638	2642	rBV4	6920	8474	1.08%	0.103%
84	19.847	2889	2895	2901	rBV	528290	783557	99.72%	9.523%
85	21.739	3210	3217	3226	rVB	325838	545165	69.38%	6.625%
86	22.233	3299	3301	3302	rVB2	4382	2403	0.31%	0.029%
87	22.250	3302	3304	3305	rBV2	4522	3146	0.40%	0.038%
88	22.691	3375	3379	3381	rBV5	2763	3298	0.42%	0.040%
89	23.285	3478	3480	3482	rBV3	4769	2969	0.38%	0.036%
90	24.048	3608	3610	3616	rVB6	6306	8385	1.07%	0.102%
91	24.783	3723	3735	3747	rBV	281897	785748	100.00%	9.549%
92	25.012	3762	3774	3787	rVB2	186089	519274	66.09%	6.311%
93	25.594	3871	3873	3874	rBV2	2069	1991	0.25%	0.024%
94	26.164	3963	3970	3978	rVB7	8220	21888	2.79%	0.266%
95	27.544	4201	4205	4211	rVB6	7547	14239	1.81%	0.173%
96	28.149	4306	4308	4309	rBV2	2974	2582	0.33%	0.031%
97	28.567	4377	4379	4383	rBV4	1616	2462	0.31%	0.030%
98	28.796	4416	4418	4421	rBV4	1775	2357	0.30%	0.029%
99	29.148	4476	4478	4480	rBV3	2000	2199	0.28%	0.027%
100	29.178	4480	4483	4485	rBV4	4300	5747	0.73%	0.070%

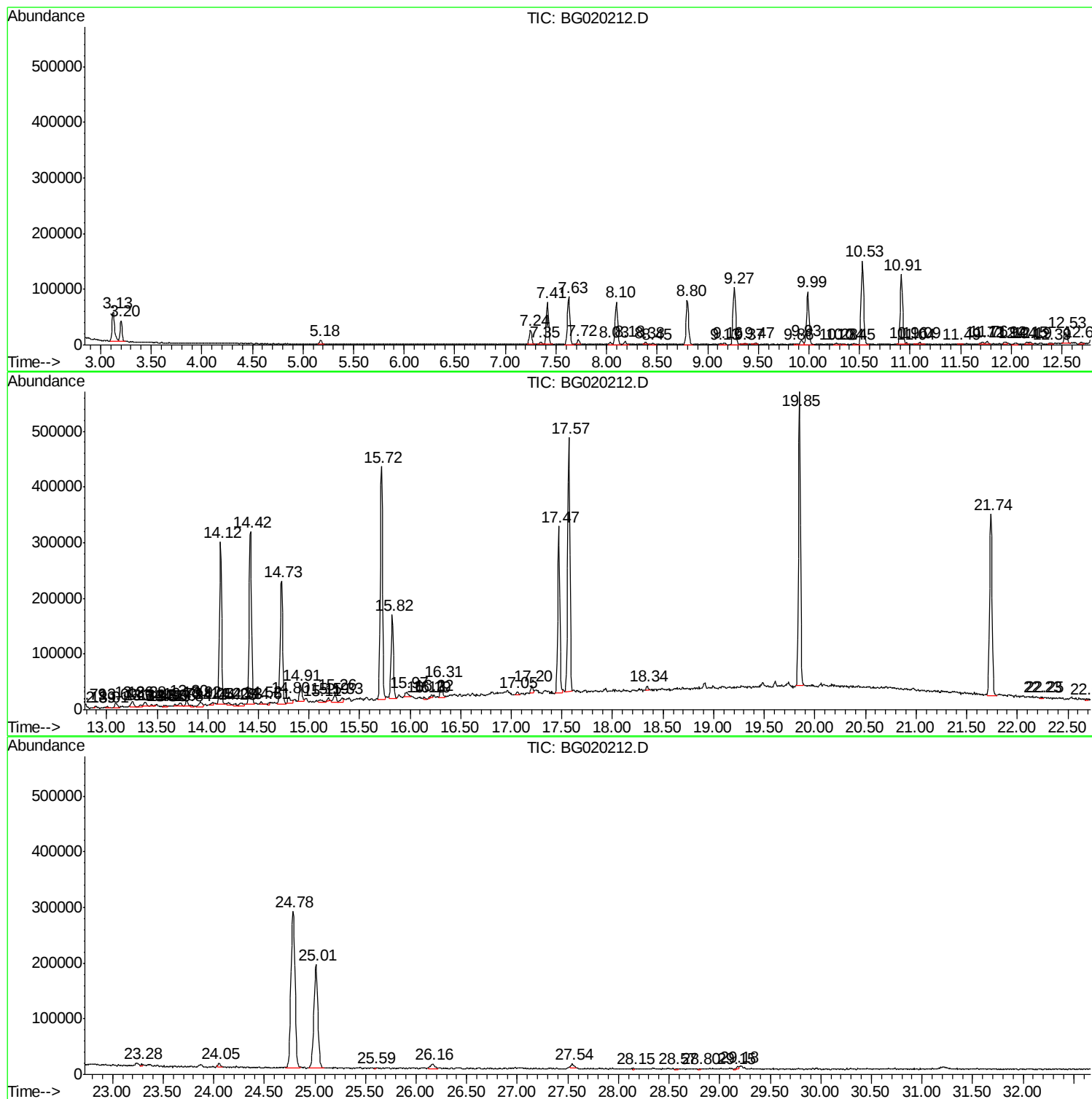
Sum of corrected areas: 8228411

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



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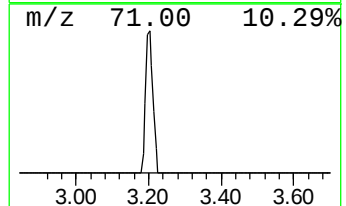
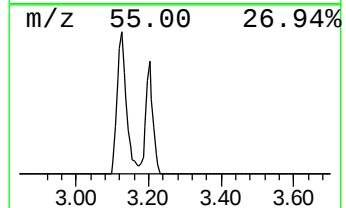
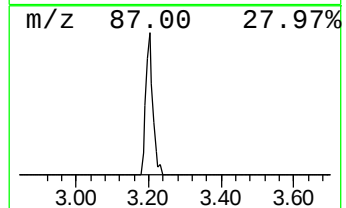
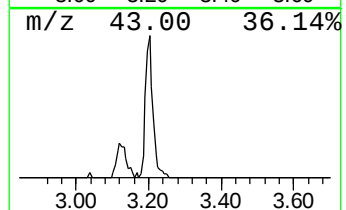
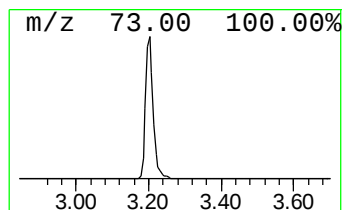
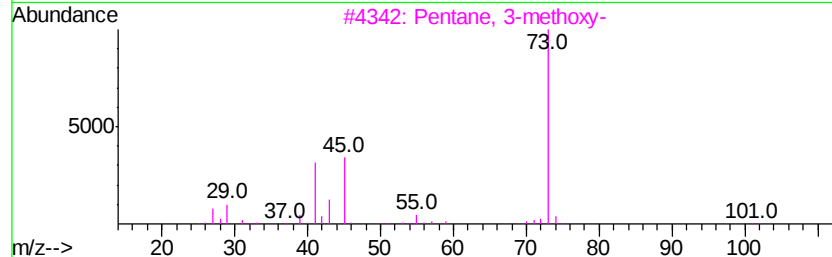
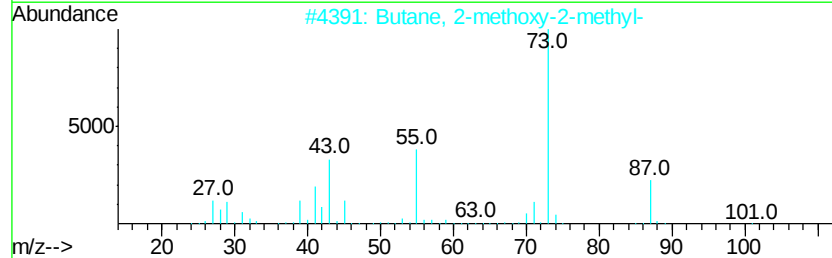
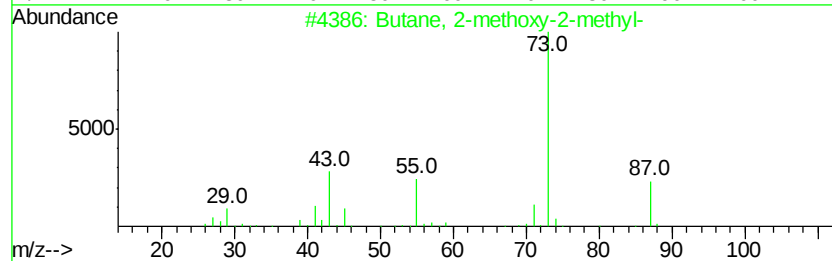
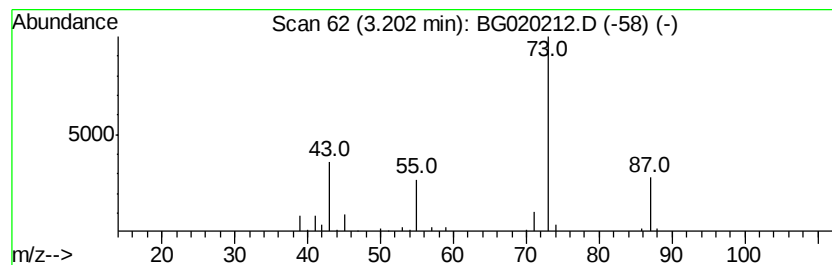
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.20	8.41 ng/ul	53190	1,4-Dichlorobenzene-d4	8.10

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	64
3		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
4		N-Ethylformamide	73	C3H7NO	000627-45-2	9
5		2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	9



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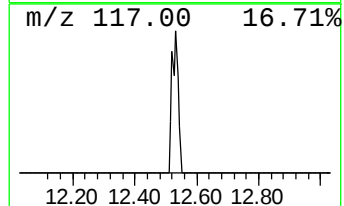
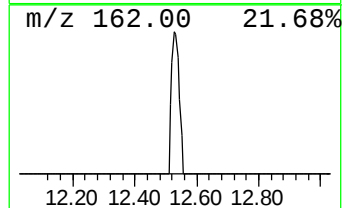
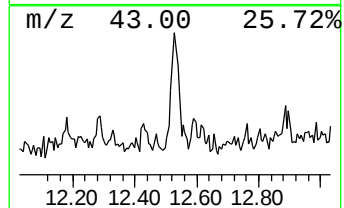
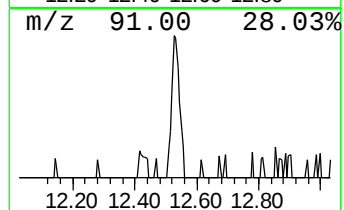
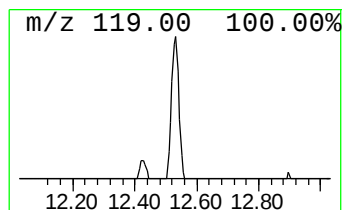
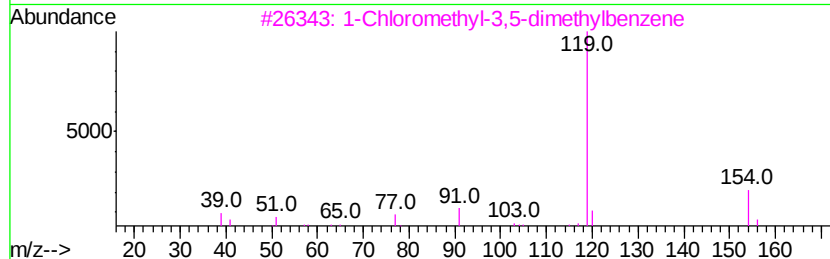
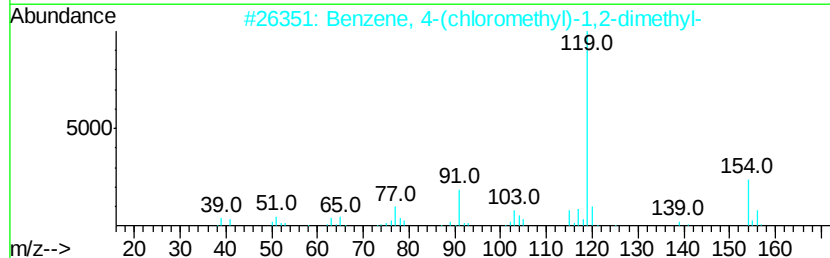
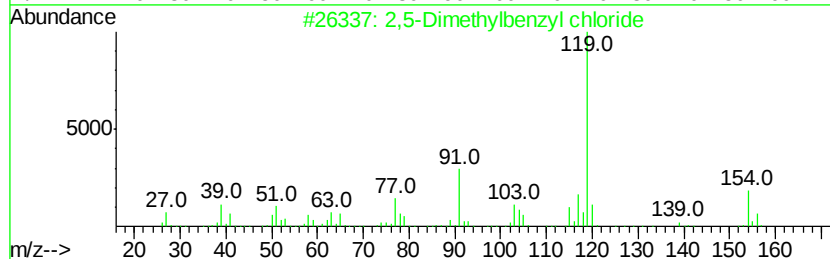
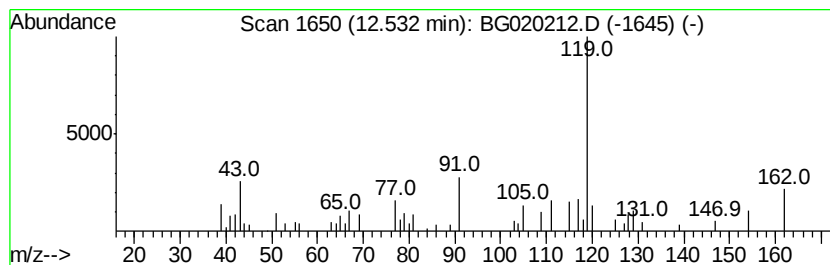
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Peak Number 4 2,5-Dimethylbenzyl chloride Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.53	3.88 ng/ul	43820	Naphthalene-d8	10.91

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,5-Dimethylbenzyl chloride	154	C9H11Cl	000824-45-3	50
2		Benzene, 4-(chloromethyl)-1,2-di...	154	C9H11Cl	000102-46-5	50
3		1-Chloromethyl-3,5-dimethylbenzene	154	C9H11Cl	002745-54-2	47
4		Benzene, 1,4-dimethyl-2-(2-methy...	162	C12H18	055669-88-0	47
5		Benzene, 1,4-dimethyl-2-(2-methy...	162	C12H18	055669-88-0	47



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	3.20	8.4	ng/ul	53190	1	8.10	126498	20.0
2,5-Dimethylbenzy...	12.53	3.9	ng/ul	43820	2	10.91	225909	20.0