LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101420\
Data File : BG046906.D
Acq On : 14 Oct 2020 23:50
Operator : CG/JU
Sample : L4359-08DL 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB7N7DL

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG092920MA.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	3.381	6	7	12	rVB3	5307	4449	0.31%	0.036%
2	3.422	12	14	16	rBV2	3575	3014	0.21%	0.024%
3	3.551	32	36	42	rVB	43669	64016	4.46%	0.515%
4	3.786	75	76	85	rBV6	2701	4607	0.32%	0.037%
5	4.274	155	159	164	rVV	16364	25393	1.77%	0.204%
6	4.345	167	171	176	rVB4	7125	11350	0.79%	0.091%
7	4.392	176	179	182	rBV4	2592	3037	0.21%	0.024%
8	4.486	194	195	201	rVB2	3170	4552	0.32%	0.037%
9	4.715	227	234	240	rBV2	30268	54133	3.77%	0.435%
10	5.038	287	289	292	rVB4	2648	2768	0.19%	0.022%
11	5.661	392	395	396	rBV2	2668	2836	0.20%	0.023%
12	5.749	408	410	413	rVB3	3242	3082	0.21%	0.025%
13	5.919	435	439	442	rBV2	1706	2601	0.18%	0.021%
14	6.019	452	456	459	rBV2	3635	5415	0.38%	0.044%
15	6.360	513	514	518	rVB2	3510	3363	0.23%	0.027%
16	7.247	657	665	673	rVB2	28538	53762	3.75%	0.432%
17	7.417	687	694	704	rVB	77828	133136	9.28%	1.071%
18	7.541	710	715	720	rVB4	2743	6503	0.45%	0.052%
19	7.629	720	730	741	rBV3	89065	166703	11.62%	1.341%
20	7.711	741	744	748	rVB2	2181	2891	0.20%	0.023%
21	8.099	801	810	817	rBV	225866	395245	27.54%	3.179%
22	8.164	817	821	827	rVB	9010	12794	0.89%	0.103%
23	8.563	885	889	893	rVB3	1530	2784	0.19%	0.022%
24	8.792	919	928	935	rBV2	80029	141214	9.84%	1.136%
25	8.869	937	941	942	rBV2	2222	2653	0.18%	0.021%
26	8.980	958	960	964	rBV	3155	4046	0.28%	0.033%
27	9.080	971	977	984	rBV	44908	77233	5.38%	0.621%
28	9.192	994	996	999	rBV3	2673	3109	0.22%	0.025%
29	9.256	999	1007	1015	rBV2	101348	185122	12.90%	1.489%
30	9.609	1064	1067	1070	rBV4	2716	3320	0.23%	0.027%
31	9.691	1075	1081	1088	rVB2	13196	24282	1.69%	0.195%
32	9.979	1123	1130	1138	rBV3	90138	162133	11.30%	1.304%
33	10.114	1146	1153	1157	rBV6	7385	11335	0.79%	0.091%
34	10.161	1159	1161	1167	rVB4	5396	6792	0.47%	0.055%

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Sample : L4359-08DL 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB7N7DL

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG092920MA.M
Title : SVOA CALIBRATION

35	10.320	1182	1188	1193	rVB5	8136	14730	1.03%	0.118%
36	10.449	1203	1210	1216	rBV7	11545	24993	1.74%	0.201%
37	10.520	1216	1222	1231	rVV2	149712	270076	18.82%	2.172%
38	10.649	1240	1244	1246	rBV3	1882	2690	0.19%	0.022%
39	10.808	1266	1271	1276	rBV4	12710	20026	1.40%	0.161%
40	10.907	1280	1288	1295	rBV	303621	539594	37.60%	4.340%
41	11.037	1303	1310	1318	rBV2	122770	239048	16.66%	1.923%
42	11.148	1321	1329	1330	rBV6	4482	7091	0.49%	0.057%
43	11.166	1330	1332	1335	rVB4	3183	2700	0.19%	0.022%
44	11.313	1355	1357	1361	rVB3	2740	3476	0.24%	0.028%
45	11.395	1368	1371	1374	rVB5	2162	2983	0.21%	0.024%
46	11.495	1386	1388	1390	rBV3	2627	2834	0.20%	0.023%
47	11.724	1425	1427	1428	rBV2	5305	3284	0.23%	0.026%
48	11.795	1435	1439	1441	rBV5	2466	3845	0.27%	0.031%
49	11.842	1443	1447	1454	rVB8	4892	11069	0.77%	0.089%
50	12.094	1488	1490	1496	rVB4	4256	6486	0.45%	0.052%
51	12.153	1496	1500	1503	rBV4	2890	4127	0.29%	0.033%
52	12.224	1508	1512	1514	rBV4	4653	6634	0.46%	0.053%
53	12.329	1526	1530	1534	rBV4	3240	6041	0.42%	0.049%
54	12.394	1536	1541	1547	rBV7	5417	11967	0.83%	0.096%
55	12.553	1567	1568	1571	rVB3	3134	2654	0.18%	0.021%
56	12.600	1573	1576	1580	rBV6	3508	5520	0.38%	0.044%
57	12.699	1591	1593	1595	rVB3	3585	2768	0.19%	0.022%
58	13.087	1656	1659	1666	rVB7	4173	7867	0.55%	0.063%
59	13.169	1671	1673	1675	rVB3	3073	2899	0.20%	0.023%
60	13.199	1675	1678	1682	rBV4	3781	6616	0.46%	0.053%
61	13.751	1768	1772	1776	rBV5	9174	12978	0.90%	0.104%
62	14.080	1825	1828	1829	rBV2	3154	3424	0.24%	0.028%
63	14.115	1829	1834	1842	rVV	314936	464151	32.34%	3.733%
64	14.256	1857	1858	1864	rVB6	2953	5172	0.36%	0.042%
65	14.415	1878	1885	1893	rVB	320137	502867	35.04%	4.044%
66	14.509	1897	1901	1906	rBV5	7809	13518	0.94%	0.109%
67	14.638	1919	1923	1928	rVV5	20547	32528	2.27%	0.262%
68	14.721	1931	1937	1945	rVB	545771	833587	58.08%	6.704%
69	14.903	1963	1968	1973	rBV4	27511	49982	3.48%	0.402%
70	15.291	2032	2034	2035	rVV2	4613	3052	0.21%	0.025%
71	15.308	2035	2037	2040	rVB3	5527	5492	0.38%	0.044%

LSC Area Percent Report

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Sample : L4359-08DL 2X
Misc :
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Instrument : BNA_G
ClientSampleId : CB7N7DL

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG092920MA.M
Title : SVOA CALIBRATION

72	15.455	2057	2062	2066	rBV7	5482	10593	0.74%	0.085%
73	15.514	2070	2072	2074	rVB2	5032	3134	0.22%	0.025%
74	15.596	2084	2086	2091	rBV5	3125	5323	0.37%	0.043%
75	15.708	2099	2105	2114	rVB	432692	663974	46.27%	5.340%
76	15.813	2118	2123	2129	rBV	93756	138809	9.67%	1.116%
77	15.954	2144	2147	2151	rVB5	9453	14186	0.99%	0.114%
78	16.160	2179	2182	2185	rBV3	4398	6500	0.45%	0.052%
79	16.213	2187	2191	2196	rVV5	8672	10337	0.72%	0.083%
80	16.348	2211	2214	2219	rBV6	5613	9633	0.67%	0.077%
81	16.489	2236	2238	2241	rBV2	4160	4235	0.30%	0.034%
82	16.724	2274	2278	2280	rBV4	5502	6034	0.42%	0.049%
83	16.836	2295	2297	2299	rBV3	3998	3418	0.24%	0.027%
84	16.983	2318	2322	2327	rVB5	8329	13445	0.94%	0.108%
85	17.171	2352	2354	2359	rBV4	2567	3936	0.27%	0.032%
86	17.247	2363	2367	2369	rBV5	6350	9382	0.65%	0.075%
87	17.370	2386	2388	2392	rVB4	5566	5537	0.39%	0.045%
88	17.417	2395	2396	2397	rBV	4421	2612	0.18%	0.021%
89	17.464	2398	2404	2410	rVV	762112	1133685	78.99%	9.118%
90	17.558	2414	2420	2430	rVV2	517335	792526	55.22%	6.374%
91	17.999	2493	2495	2497	rBV3	4630	2911	0.20%	0.023%
92	18.340	2550	2553	2562	rVB7	23434	38044	2.65%	0.306%
93	18.452	2570	2572	2573	rBV2	4240	2933	0.20%	0.024%
94	18.681	2609	2611	2612	rBV2	5246	2921	0.20%	0.023%
95	18.745	2620	2622	2627	rVB6	5455	5949	0.41%	0.048%
96	19.121	2683	2686	2691	rVB5	25899	33803	2.36%	0.272%
97	19.844	2803	2809	2817	rVB	741025	1036563	72.23%	8.337%
98	21.736	3125	3131	3138	rBV2	830962	1348041	93.93%	10.842%
99	24.774	3640	3648	3658	rVB2	343670	961445	66.99%	7.733%
100	25.003	3677	3687	3702	rVB2	457794	1435140	100.00%	11.543%

Sum of corrected areas: 12433491

LSC Report - Integrated Chromatogram

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Data File : BG046906.D
Acq On : 14 Oct 2020 23:50
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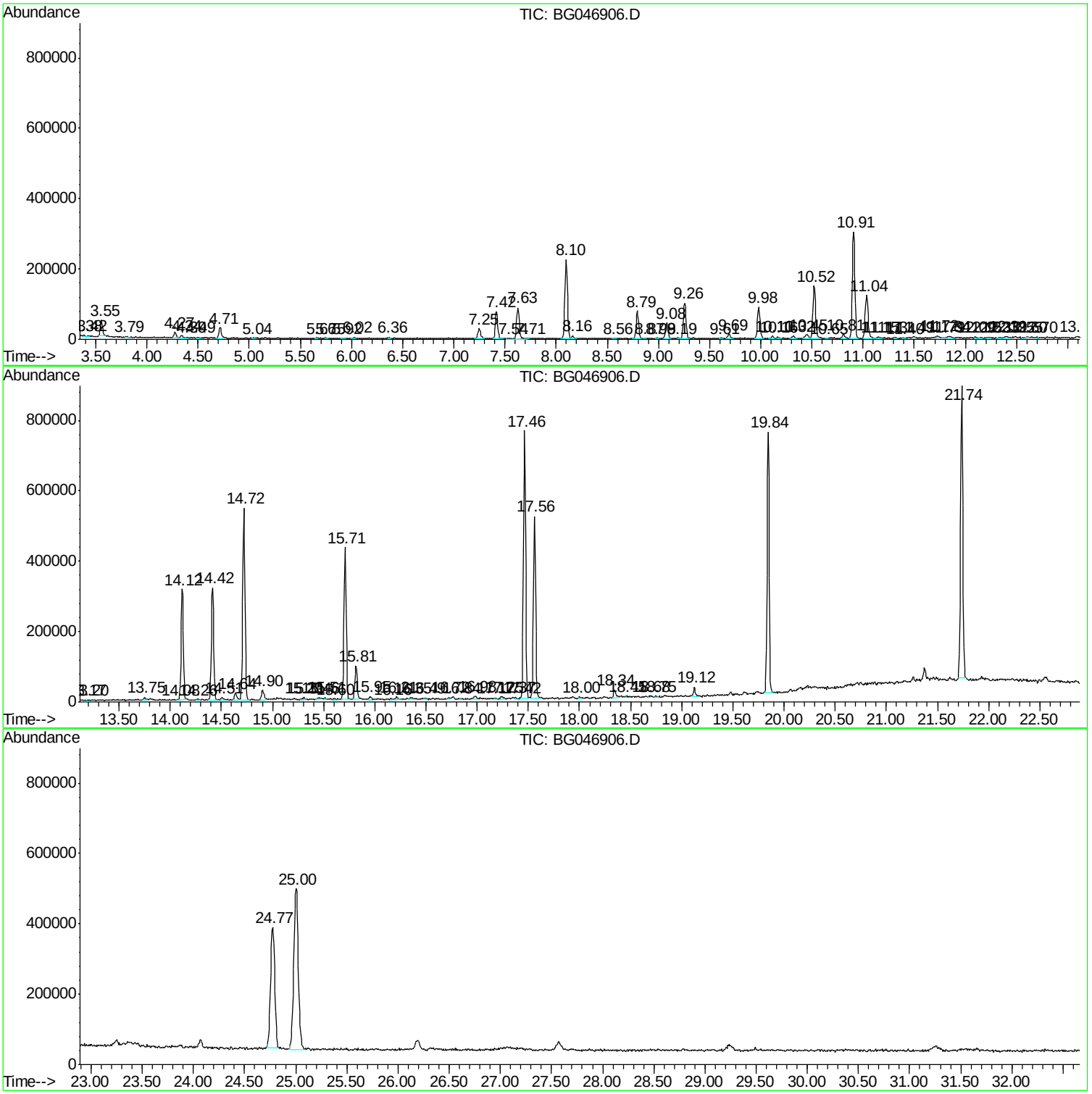
Sample : L4359-08DL 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB7N7DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG092920MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101420\
Data File : BG046906.D
Acq On : 14 Oct 2020 23:50
Operator : CG/JU
Sample : L4359-08DL 2X
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ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB7N7DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG092920MA.M
Quant Title : SVOA CALIBRATION

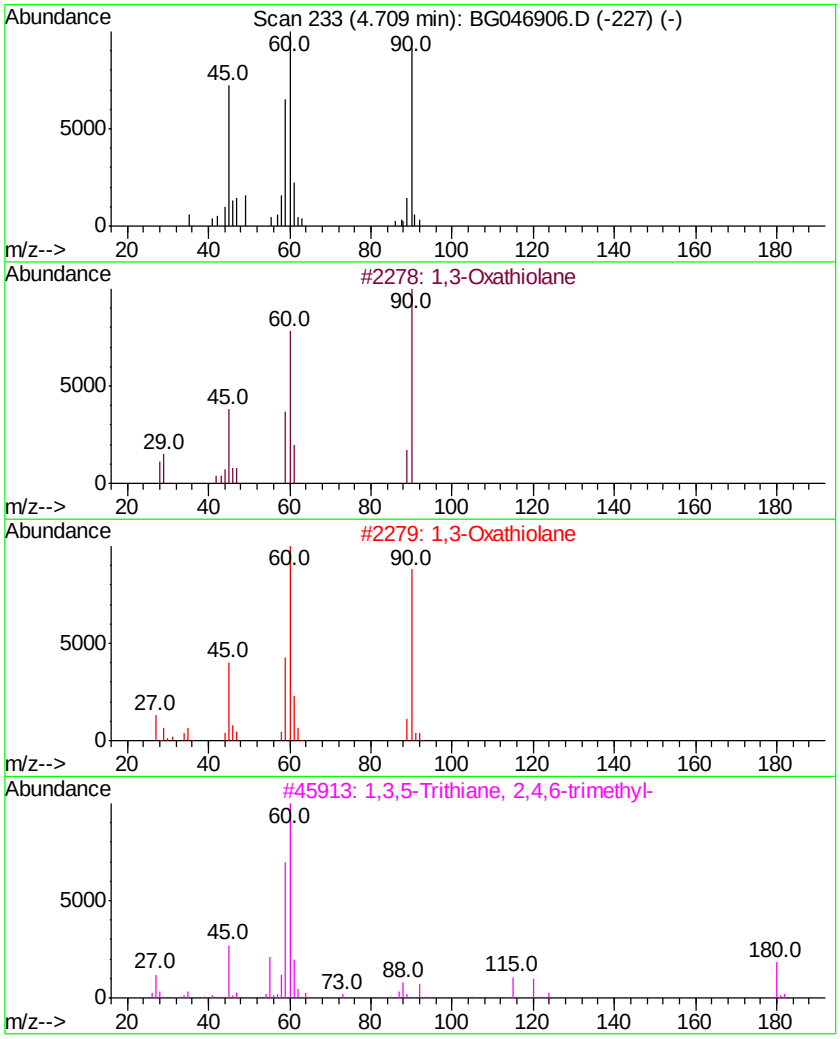
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

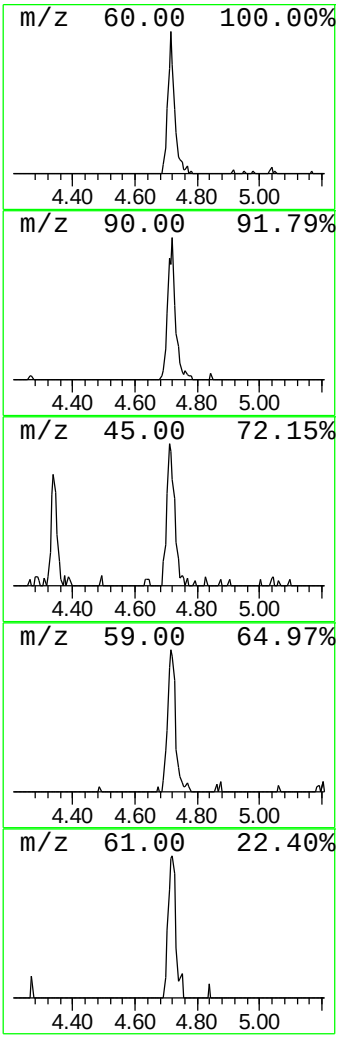
****

Peak Number 1 1,3-Oxathiolane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.71	2.74 ng/ul	54133	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Oxathiolane	90	C3H6OS	002094-97-5	87
2	1,3-Oxathiolane	90	C3H6OS	002094-97-5	81
3	1,3,5-Trithiane, 2,4,6-trimethyl-	180	C6H12S3	002765-04-0	50
4	1,3,5-Trithiane, 2,4,6-trimethyl-	180	C6H12S3	002765-04-0	50
5	2-(2-Hydroxyethylthio)propionic ...	150	C5H10O3S	209276-28-8	45





Library Search Compound Report

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Instrument : BNA_G
ClientSampleId : CB7N7DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG092920MA.M
Quant Title : SVOA CALIBRATION

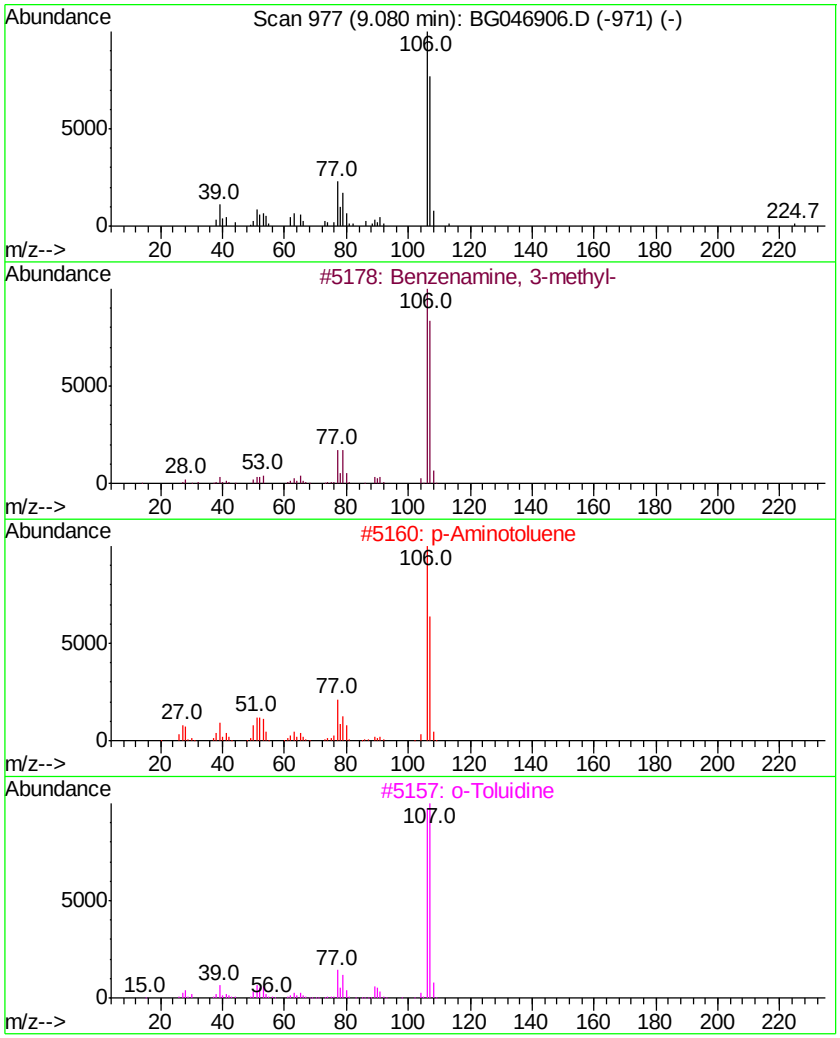
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

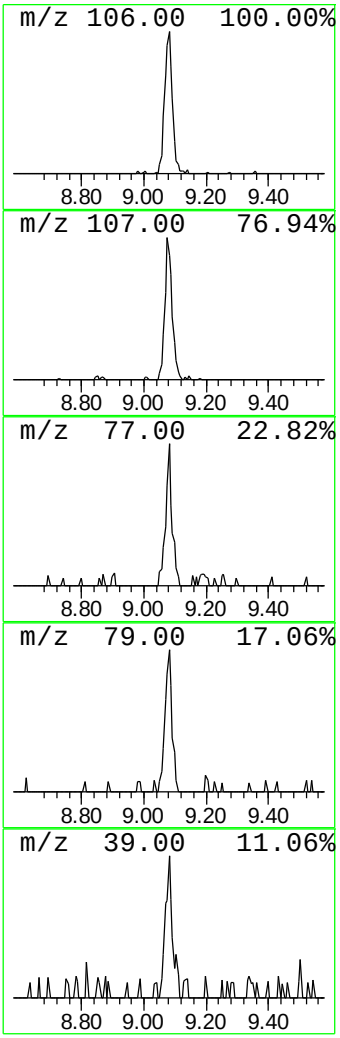
****

Peak Number 2 Benzenamine, 3-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.08	3.91 ng/ul	77233	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, 3-methyl-	107	C7H9N	000108-44-1	91
2	p-Aminotoluene	107	C7H9N	000106-49-0	91
3	o-Toluidine	107	C7H9N	000095-53-4	91
4	o-Toluidine	107	C7H9N	000095-53-4	91
5	p-Aminotoluene	107	C7H9N	000106-49-0	91





Tentatively Identified Compound (LSC) summary

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
1,3-Oxathiolane	4.71	2.7	ng/ul	54133	1	8.10	395245	20.0
Benzenamine, 3-me...	9.08	3.9	ng/ul	77233	1	8.10	395245	20.0